# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

# PLANS FOR PROPOSED STATE HIGHWAY

# COOPER COUNTY

## DESIGN DESIGNATION

I-70

A.A.D.T. - 2024 = 39,200
A.A.D.T. - 2040 = 53,800
D.H.V. = 9.50%
T = 37%
V = 70 M.P.H.
D = 51% / 49%
FUNCTIONAL CLASSIFICATION- INTERSTATE

## I-70 NO RIGHT OF WAY ACQUISITION

## CONVENTIONAL SYMBOLS

(USED IN PLANS)

| | EXISTING | NEW |
|---|---|---|
| BUILDINGS AND STRUCTURES | | |
| GUARD RAIL | | |
| GUARD CABLE | | |
| CONCRETE RIGHT-OF-WAY MARKER | | |
| STEEL RIGHT-OF-WAY MARKER | | |
| LOCATION SURVEY MARKER | | |
| UTILITIES | | |
| FIBER OPTICS | -FO- | -FO- |
| OVERHEAD CABLE TV | -OTV- | -OTV- |
| UNDERGROUND CABLE TV | -UTV- | -UTV- |
| OVERHEAD TELEPHONE | -OT- | -OT- |
| UNDERGROUND TELEPHONE | -UT- | -UT- |
| OVERHEAD POWER | -OE- | -OE- |
| UNDERGROUND POWER | -UE- | -UE- |
| SANITARY SEWER | -S- | -S- |
| STORM SEWER | -SS- | -SS- |
| GAS | -G- | -G- |
| WATER | -W- | -W- |
| MANHOLE | SAN | |
| FIRE HYDRANT | HYD | |
| WATER VALVE | WV | |
| WATER METER | WM | |
| DROP INLET | D | |
| DITCH BLOCK | | |
| GROUND MOUNTED SIGN | SIGN | |
| LIGHT POLE | | |
| H-FRAME POWER POLE | | |
| TELEPHONE PEDESTAL | PED | |
| FENCE | | |
| CHAIN LINK | -V- | |
| WOVEN WIRE | -X- | |
| GATE POST | | |
| BENCHMARK | BM | |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



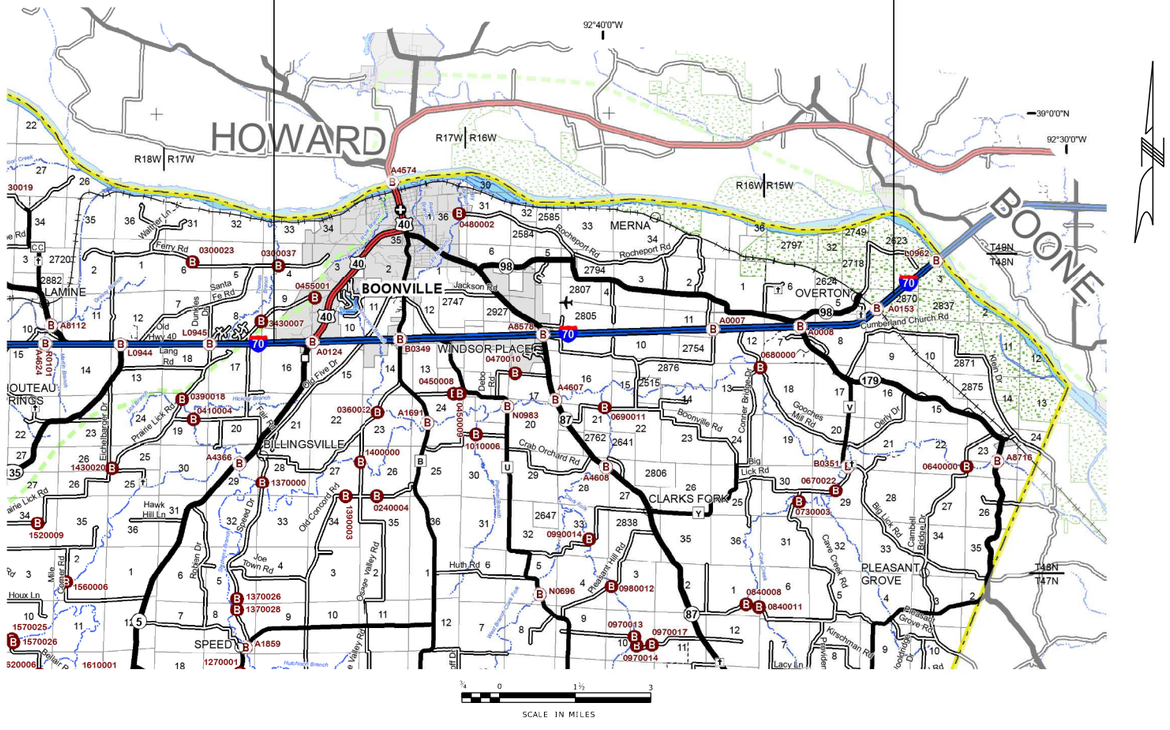
KEY MAP
LOCATION OF COOPER COUNTY

I-70 IMPROVEMENTS LIMIT

BEGIN I-70 IMPVTS. STA. 784+89.38

GRADING, PAVING, DRAINAGE, GRAVITY WALL, LIGHTING, SIGNING, AND MARKING, BRIDGE WIDENING, WIDEN INTERSTATE 70 TO SIX LANES BRIDGES A0153, OVER UNION PACIFIC RAILROAD

END I-70 IMPVTS. STA. 1420+90.00




THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

## INDEX OF SHEETS


| DESCRIPTION | SHEET NUMBER |
|---|---|
| TITLE SHEET | 1 |
| TYPICAL SECTIONS (TS) (22 SHEETS) | 2 |
| QUANTITIES (QU) (27 SHEETS) | 3 |
| PLAN-PROFILE (PP) | 4-63 |
| REFERENCE POINTS (RP) | 64 |
| COORDINATE POINTS (CP) | 65-67 |
| SPECIAL SHEETS (SS) | 68-90 |
| TRAFFIC CONTROL SHEETS (TC) | 91-211 |
| EROSION CONTROL SHEETS (EC) | 212-250 |
| LIGHTING (LT) & ITS | 251-264 |
| PAVEMENT MARKING / SIGNING (SN) | 265-325 |
| CULVERT SECTIONS (CS) | 326-346 |
| BRIDGE DRAWINGS (B) | |
| A00082 | 1 |
| A01532 | 1-27 |
| CROSS SECTIONS I-70 (XS) | 1-477 |


## LENGTH OF PROJECT

| | | |
|---|---|---|
| BEGINNING OF I-70 IMPVTS. | STA. | 784+89.38 |
| END OF I-70 IMPVTS. | STA. | 1420+90.00 |
| APPARENT LENGTH | | 63,600.62 FEET |
| EQUATIONS AND EXCEPTIONS: | | |
| PROJECT EQUATION | | |
| STA. 1424+51.64 BK = STA. 1425+00.00 AH | | |
| BRIDGES A0153 | STA. | 1408+12.00 |
| | STA. | 1409+72.00 |

| | | |
|---|---|---|
| TOTAL CORRECTIONS | 0.00 | FEET |
| NET LENGTH OF PROJECT | 63,600.62 | FEET |
| STATE LENGTH | 12.046 | MILES |
| FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES | 205.71 | ACRES |

STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 1 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

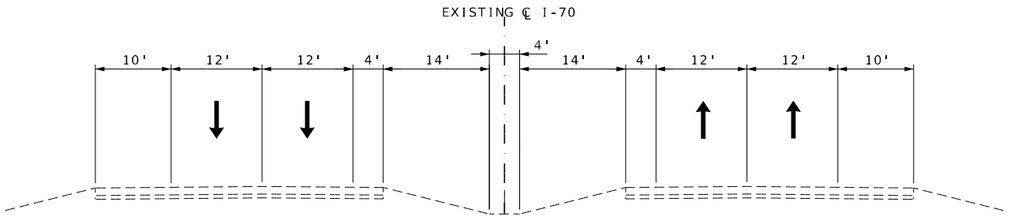
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

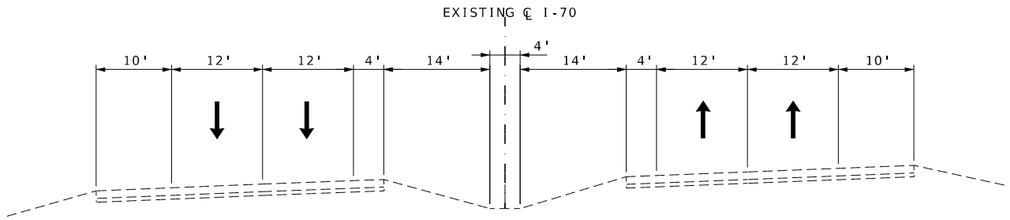
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

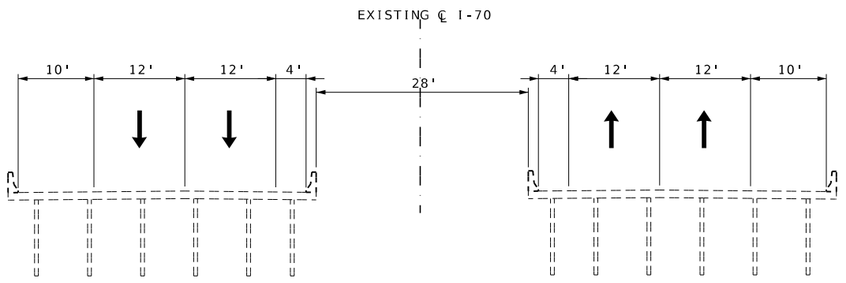

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




EXISTING TYPICAL
TANGENT SECTION
STA. 784+89.38 TO STA. 1374+00.00
STA. 1393+50.00 TO STA. 1408+12.00
STA. 1409+72.00 TO STA. 1420+90.00




EXISTING TYPICAL
SECTION ON SUPERELEVATED CURVE
STA. 1374+00.00 TO STA. 1393+50.00




EXISTING BRIDGE TYPICAL
STA. 1408+12.00 TO STA. 1409+72.00

EXISTING TYPICAL SECTION
SHEET 1 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/21/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

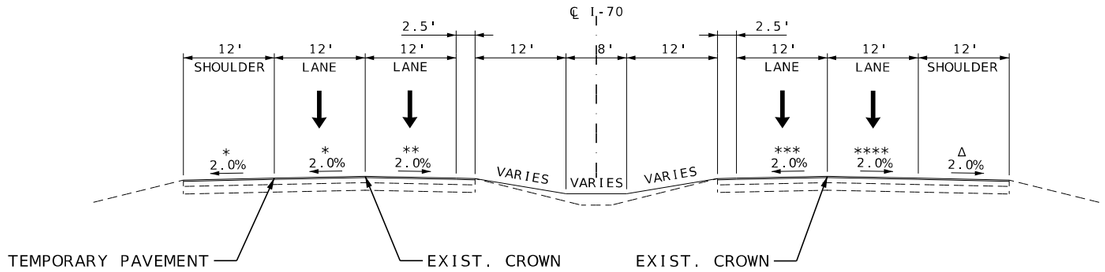
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 798+00.00 TO 801+28.06 | LT | END CONDITION 3 |
| 799+70.00 TO 808+50.00 | RT | END CONDITION 3 |
| 806+10.00 TO 812+00.00 | LT | END CONDITION 3 |
| 811+90.00 TO 814+50.00 | RT | END CONDITION 1 |
| 813+00.00 TO 816+00.00 | LT | END CONDITION 1 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.




I-70
TYPICAL SECTION
STA. 784+89.38 TO STA. 786+89.38

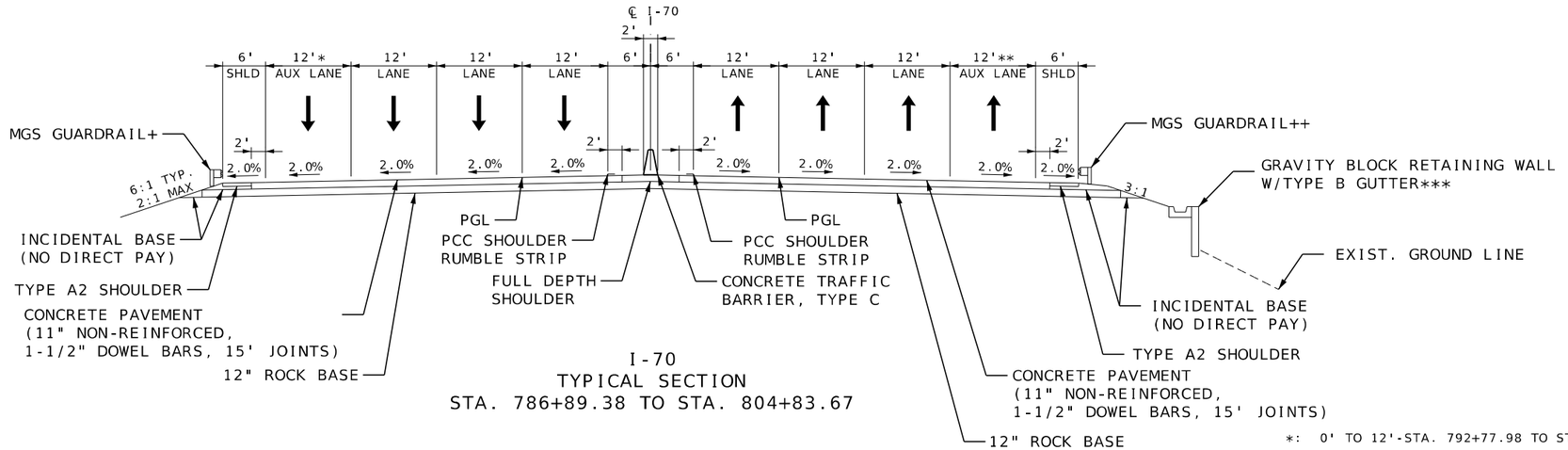
*: 2.16% TO 2.0%-STA. 784+89.38 TO STA. 786+89.38

**: -1.82% TO 2.0%-STA. 784+89.38 TO STA. 786+89.38

***: 1.68% TO -2.0%-STA. 784+89.38 TO STA. 786+89.38

****: -2.06% TO -2.0%-STA. 784+89.38 TO STA. 786+89.38

Δ: 7.34% TO -2.0%-STA. 784+89.38 TO STA.786+89.38




I-70
TYPICAL SECTION
STA. 786+89.38 TO STA. 804+83.67

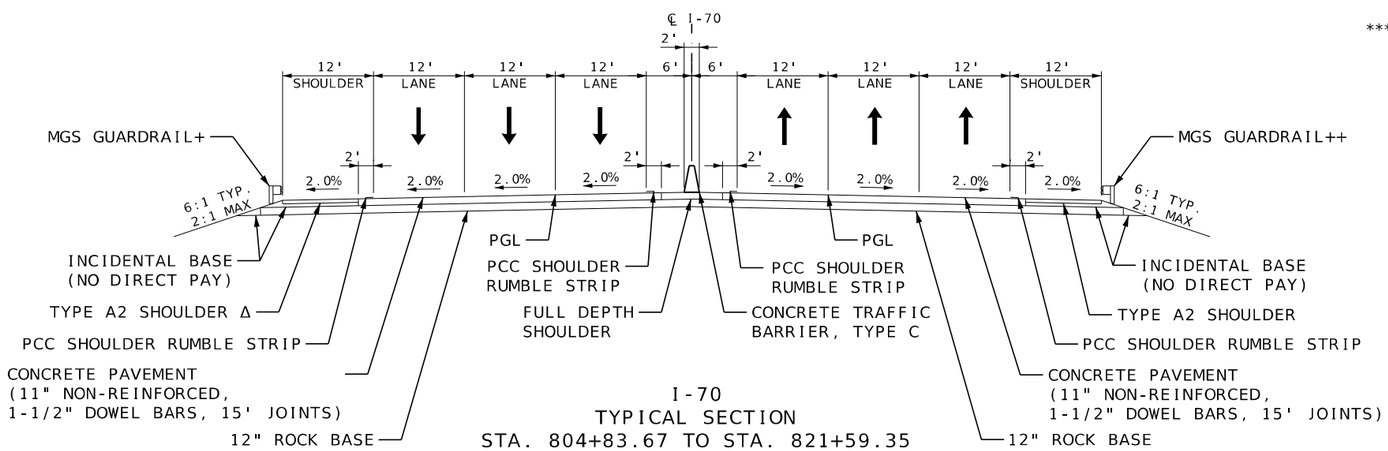
+: STA. 781+55.79 TO STA. 798+82.65
STA. 803+46.00 TO STA. 804+83.67

++: STA. 786+89.38 TO STA. 798+58.08

*: 0' TO 12'-STA. 792+77.98 TO STA. 795+77.98

**: 0' TO 12'-STA. 786+89.38 TO STA. 789+39.38
0'- 797+21.57 TO STA. 804+83.67

***:STA. 789+20.00 TO STA. 792+20.00




I-70
TYPICAL SECTION
STA. 804+83.67 TO STA. 821+59.35

+: STA. 804+83.67 TO STA. 805+80.53
STA. 813+88.00 TO STA. 816+68.50

++: STA. 809+77.16 TO STA. 812+57.00

Δ: STA. 807+90.00 TO STA. 818+60.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 2 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

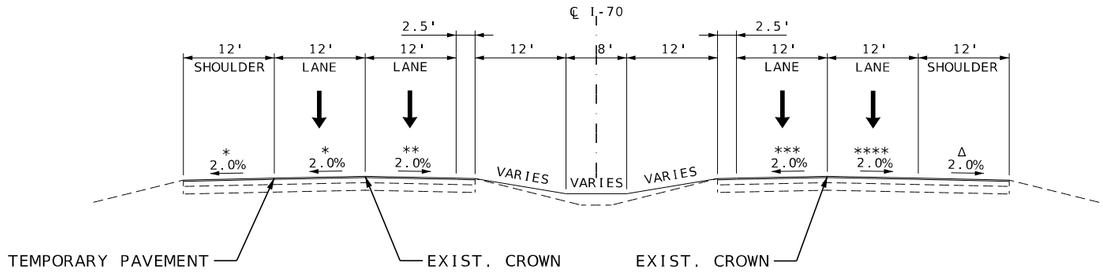
DESCRIPTION | DATE | REV.


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE: 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 798+00.00 TO 801+28.06 | LT | END CONDITION 3 |
| 799+70.00 TO 808+50.00 | RT | END CONDITION 3 |
| 806+10.00 TO 812+00.00 | LT | END CONDITION 3 |
| 811+90.00 TO 814+50.00 | RT | END CONDITION 1 |
| 813+00.00 TO 816+00.00 | LT | END CONDITION 1 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.




I-70
TYPICAL SECTION
STA. 784+89.38 TO STA. 786+89.38

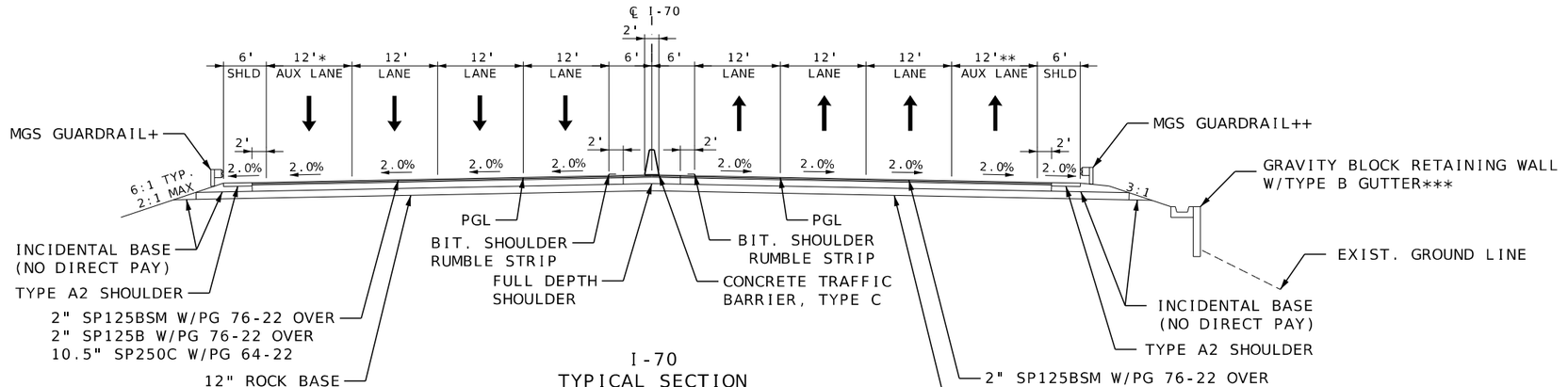
*: 2.16% TO 2.0%-STA. 784+89.38 TO STA. 786+89.38

**: -1.82% TO 2.0%-STA. 784+89.38 TO STA. 786+89.38

***: 1.68% TO -2.0%-STA. 784+89.38 TO STA. 786+89.38

****: -2.06% TO -2.0%-STA. 784+89.38 TO STA. 786+89.38

Δ: 7.34% TO -2.0%-STA. 784+89.38 TO STA.786+89.38




+: STA. 781+55.79 TO STA. 798+82.65
STA. 803+46.00 TO STA. 804+83.67

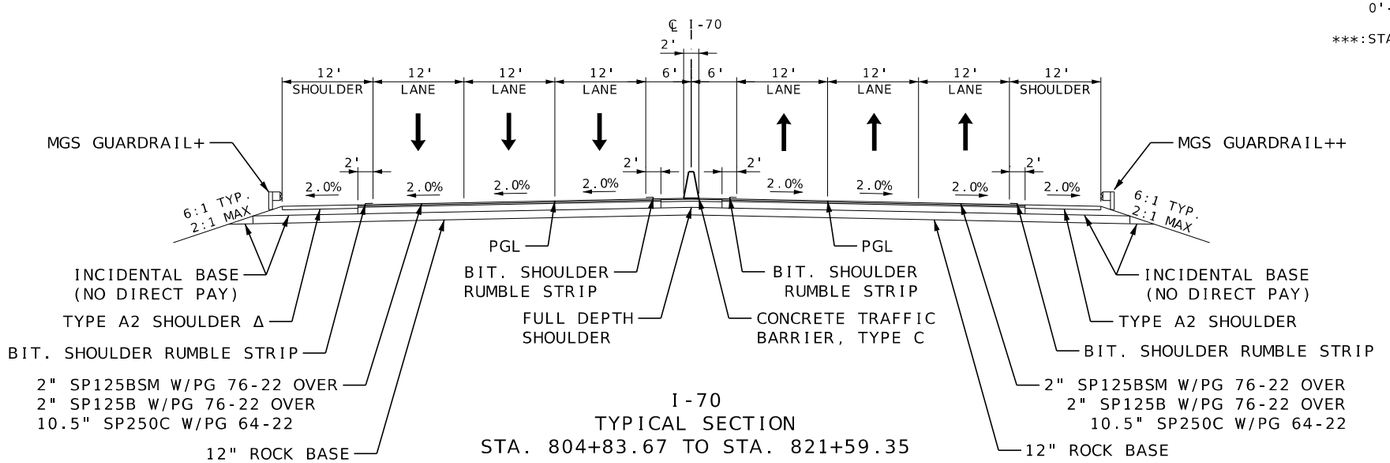
++: STA. 786+89.38 TO STA. 798+58.08

I-70
TYPICAL SECTION
STA. 786+89.38 TO STA. 804+83.67

*: 0' TO 12'-STA. 792+77.98 TO STA. 795+77.98

**: 0' TO 12'-STA. 786+89.38 TO STA. 789+39.38
0'- 797+21.57 TO STA. 804+83.67

***:STA. 789+20.00 TO STA. 792+20.00




+: STA. 804+83.67 TO STA. 805+80.53
STA. 813+88.00 TO STA. 816+68.50

++: STA. 809+77.16 TO STA. 812+57.00

Δ: STA. 807+90.00 TO STA. 818+60.00
ASPHALT PAVEMENT-
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)

I-70
TYPICAL SECTION
STA. 804+83.67 TO STA. 821+59.35

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 3 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/3/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

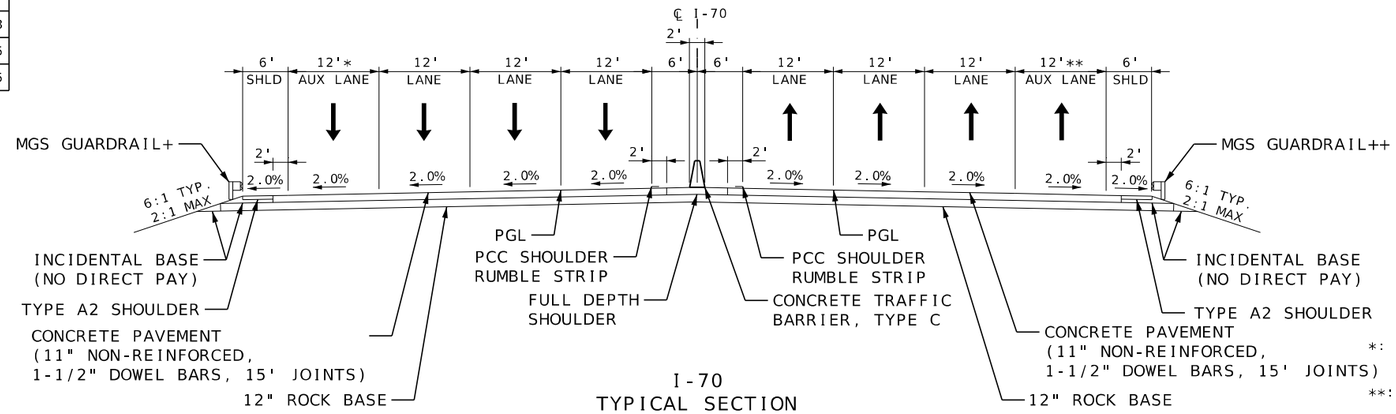
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE: 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 841+50.00 TO 845+00.00 | LT | END CONDITION 3 |
| 884+10.00 TO 885+30.00 | LT | END CONDITION 5 |
| 886+80.00 TO 887+80.00 | LT | END CONDITION 5 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.



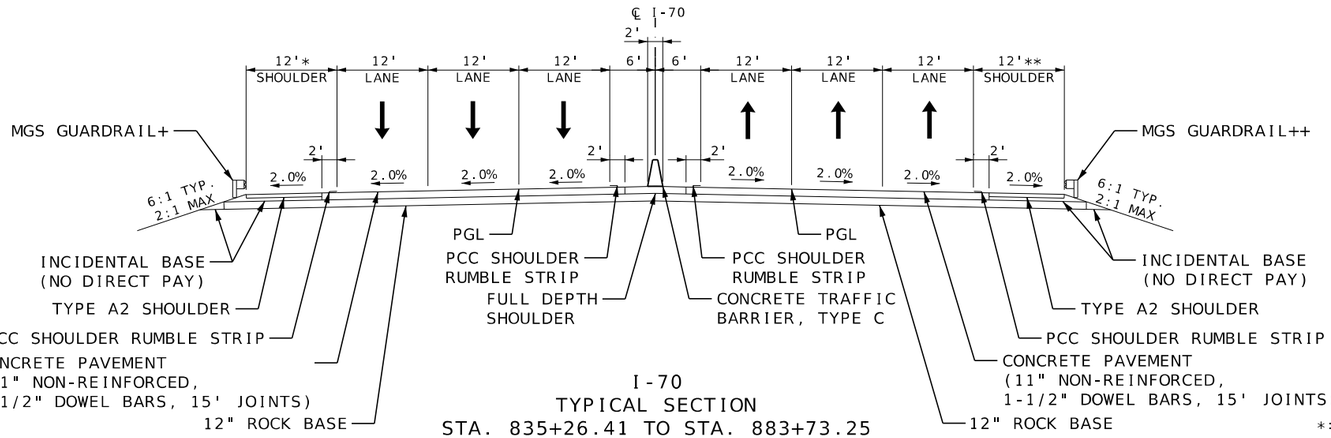

+: STA. 825+77.03 TO STA. 835+26.41

++: STA. 825+13.31 TO STA. 835+26.41

*: 0'- STA. 821+59.35 STA. 825+54.91
12' TO 0'-STA. 832+76.41 TO STA. 835+26.41

**: 12' TO 0'-STA. 830+65.04 TO STA. 833+65.04

I-70
TYPICAL SECTION
STA. 821+59.35 TO STA. 835+26.41



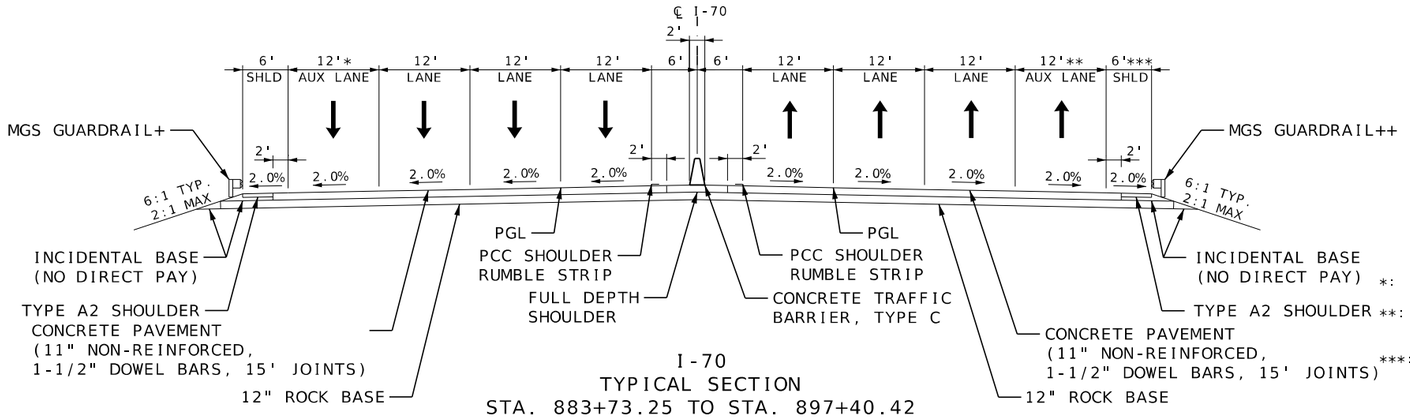

+: STA. 835+26.41 TO STA. 843+41.53
STA. 855+97.64 TO STA. 862+66.15
STA. 872+91.64 TO STA. 883+73.25

++: STA. 835+26.41 TO STA. 848+07.89
STA. 869+75.85 TO STA. 883+25.33

*: 12' TO 10'-STA. 848+40.00 TO STA. 849+00.00
10'-STA. 849+00.00 TO STA. 855+40.00
10' TO 12'-STA. 855+40.00 TO STA. 856+00.00

**: 12' TO 10'-STA. 849+50.00 TO STA. 850+00.00
10'-STA. 850+00.00 TO STA. 883+73.25

I-70
TYPICAL SECTION
STA. 835+26.41 TO STA. 883+73.25




+: STA. 883+73.25 TO STA. 885+74.38
STA. 888+60.00 TO STA. 897+40.42

++: STA. 883+73.25 TO STA. 897+40.42

*: 0' TO 12':STA. 883+73.25 TO STA. 866+73.25

**: 0' STA. 883+73.25 TO STA. 887+13.47
0' TO 12'-STA. 887+13.47 TO STA. 889+63.47

***:10'-STA. 883+73.25 TO STA. 887+13.47

I-70
TYPICAL SECTION
STA. 883+73.25 TO STA. 897+40.42

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 4 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/24/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION | DATE | REV.

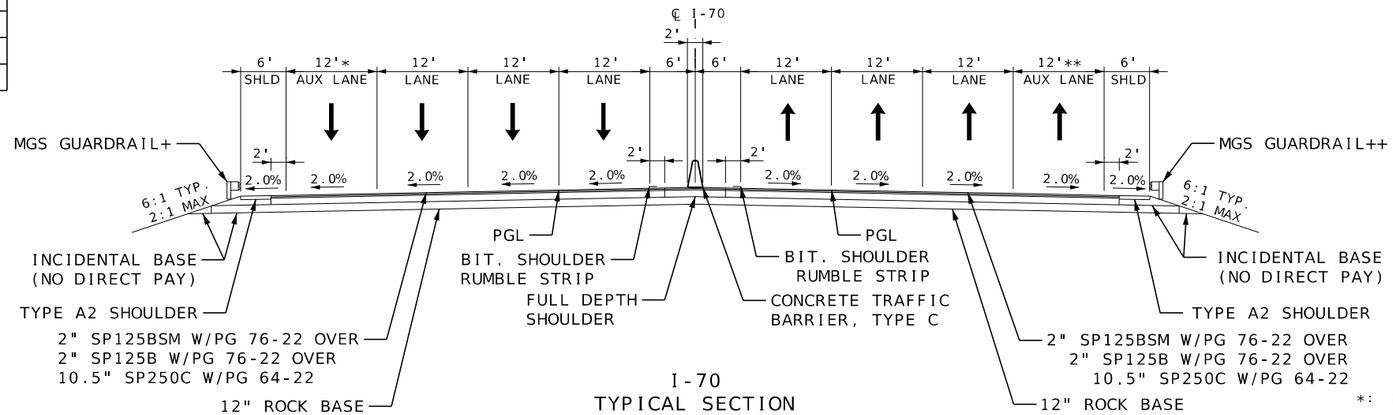
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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PHONE 573-634-3181
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WWW.BARTLETTWEST.COM

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| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 841+50.00 TO 845+00.00 | LT | END CONDITION 3 |
| 884+10.00 TO 885+30.00 | LT | END CONDITION 5 |
| 886+80.00 TO 887+80.00 | LT | END CONDITION 5 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.



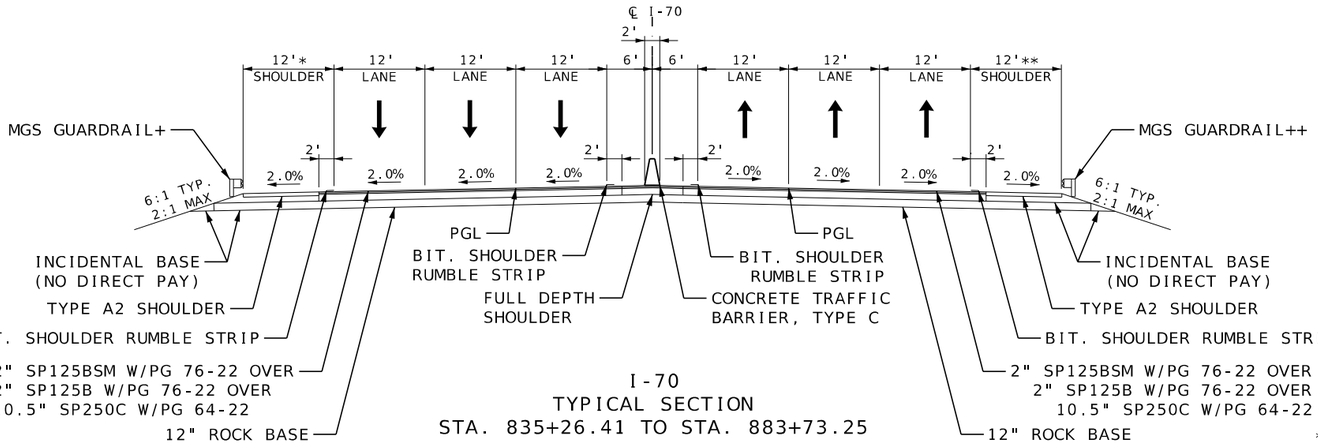

I-70
TYPICAL SECTION
STA. 821+59.35 TO STA. 835+26.41

+: STA. 825+77.03 TO STA. 835+26.41

++: STA. 825+13.31 TO STA. 835+26.41

*: 0'- STA. 821+59.35 STA. 825+54.91
12' TO 0'-STA. 832+76.41 TO STA. 835+26.41

**: 12' TO 0'-STA. 830+65.04 TO STA. 833+65.04



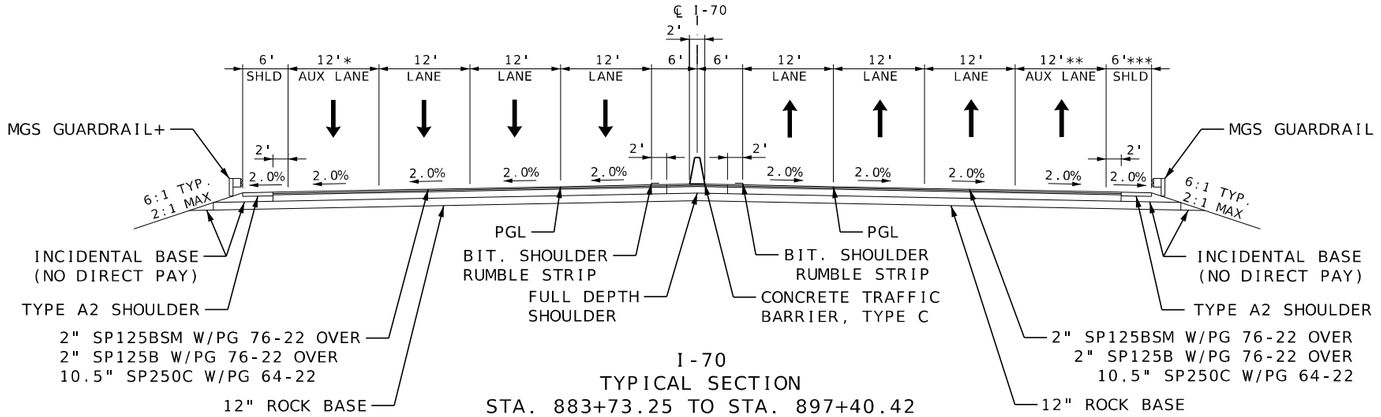

I-70
TYPICAL SECTION
STA. 835+26.41 TO STA. 883+73.25

+: STA. 835+26.41 TO STA. 843+41.53
STA. 855+97.64 TO STA. 862+66.15
STA. 872+91.64 TO STA. 883+73.25

++: STA. 835+26.41 TO STA. 848+07.89
STA. 869+75.85 TO STA. 883+25.33

*: 12' TO 10'-STA. 848+40.00 TO STA. 849+00.00
10'-STA. 849+00.00 TO STA. 855+40.00
10' TO 12'-STA. 855+40.00 TO STA. 856+00.00

**: 12' TO 10'-STA. 849+50.00 TO STA. 850+00.00
10'-STA. 850+00.00 TO STA. 883+73.25




I-70
TYPICAL SECTION
STA. 883+73.25 TO STA. 897+40.42

+: STA. 883+73.33 TO STA. 885+74.38
STA. 888+60.00 TO STA. 897+40.42

++: STA. 883+73.33 TO STA. 897+40.42

*: 0' TO 12':STA. 883+73.25 TO STA. 866+73.25

**: 0' STA. 883+73.25 TO STA. 887+13.47
0' TO 12'-STA. 887+13.47 TO STA. 889+63.47

***:10'-STA. 883+73.25 TO STA. 887+13.47

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 5 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED 11/21/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett&West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

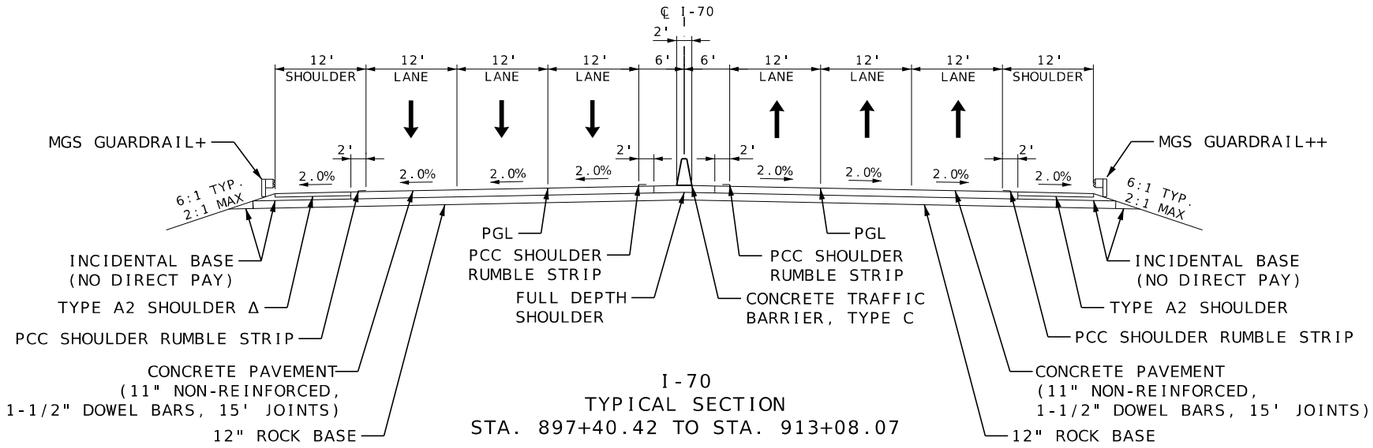
| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 899+00.00 TO 904+50.00 | RT | END CONDITION 3 |
| 902+00.00 TO 911+00.00 | LT | END CONDITION 1 |
| 905+00.00 TO 908+00.00 | RT | END CONDITION 1 |
| 908+50.00 TO 911+50.00 | RT | END CONDITION 3 |
| 916+90.00 TO 918+90.00 | RT | END CONDITION 3 |
| 936+00.00 TO 937+25.76 | RT | END CONDITION 5 |
| 936+90.00 TO 937+25.76 | LT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

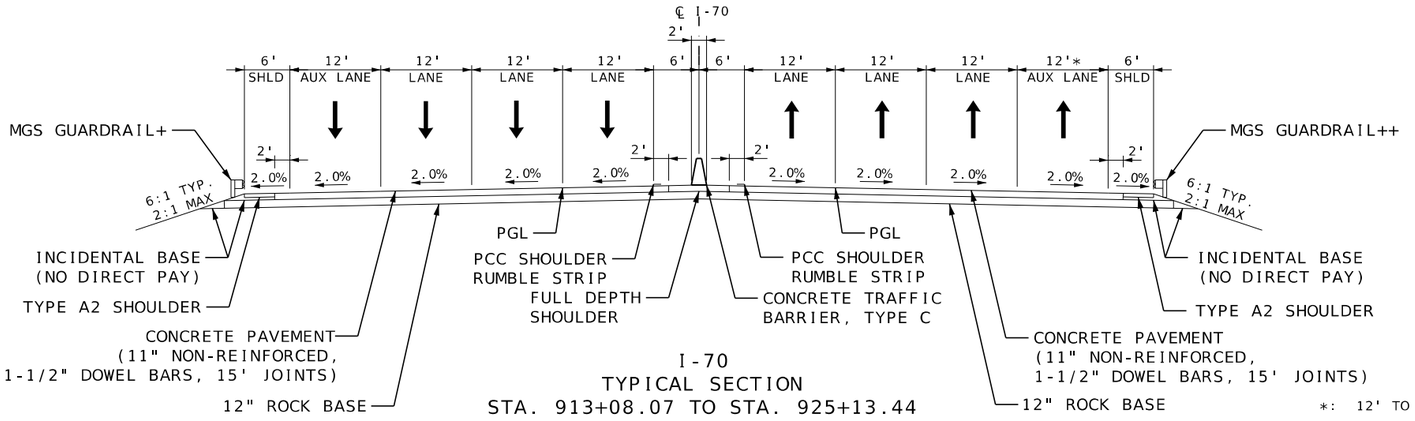
+: STA. 897+40.42 TO STA. 899+29.41
STA. 905+94.06 TO STA. 908+74.06
STA. 912+29.01 TO STA. 913+08.07

++: STA. 897+40.42 TO STA. 898+46.84
STA. 903+75.95 TO STA. 906+55.95
STA. 911+09.00 TO STA. 913+08.07

Δ: STA. 901+00.00 TO STA. 910+40.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)




I-70
TYPICAL SECTION
STA. 897+40.42 TO STA. 913+08.07

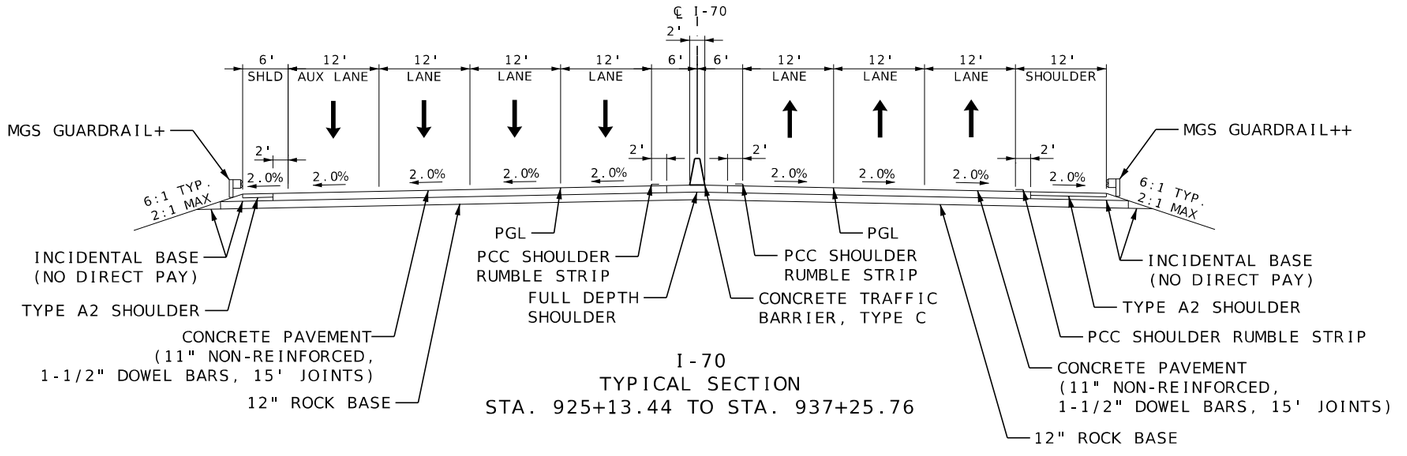



I-70
TYPICAL SECTION
STA. 913+08.07 TO STA. 925+13.44

*: 12' TO 0'-STA. 922+13.44 TO STA. 925+13.44

+: STA. 913+08.07 TO STA. 916+50.86

++: STA. 913+08.07 TO STA. 916+74.28




I-70
TYPICAL SECTION
STA. 925+13.44 TO STA. 937+25.76

+: STA. 928+00.00 TO STA. 937+25.76

++: STA. 928+16.54 TO STA. 934+61.89

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 6 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED 12/4/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE | REV.


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 – JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

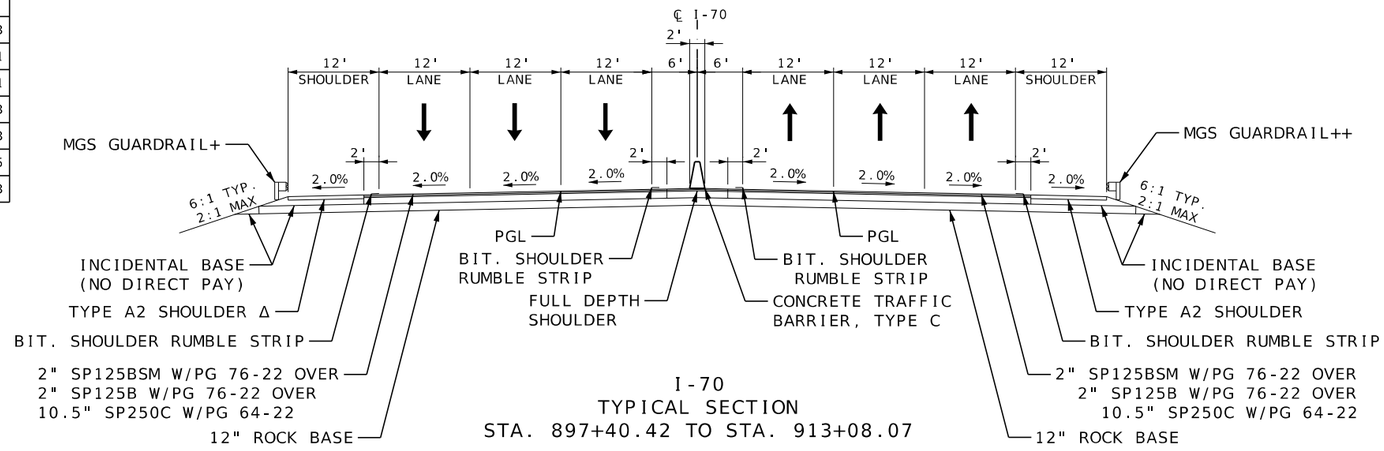
| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 899+00.00 TO 904+50.00 | RT | END CONDITION 3 |
| 902+00.00 TO 911+00.00 | LT | END CONDITION 1 |
| 905+00.00 TO 908+00.00 | RT | END CONDITION 1 |
| 908+50.00 TO 911+50.00 | RT | END CONDITION 3 |
| 916+90.00 TO 918+90.00 | RT | END CONDITION 3 |
| 936+00.00 TO 937+25.76 | RT | END CONDITION 5 |
| 936+90.00 TO 937+25.76 | LT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

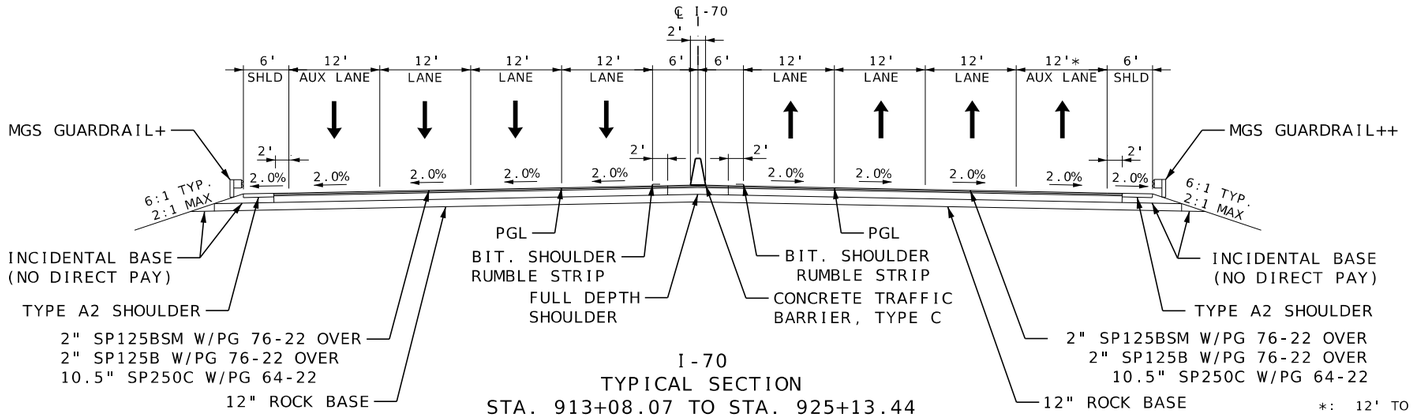
+: STA. 897+40.42 TO STA. 899+29.41
STA. 905+94.06 TO STA. 908+74.06
STA. 912+29.01 TO STA. 913+08.07

++: STA. 897+40.42 TO STA. 898+46.84
STA. 903+75.95 TO STA. 906+55.95
STA. 911+09.00 TO STA. 913+08.07

Δ: STA. 901+00.00 TO STA. 910+40.00
ASPHALT PAVEMENT-
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)




I-70
TYPICAL SECTION
STA. 897+40.42 TO STA. 913+08.07

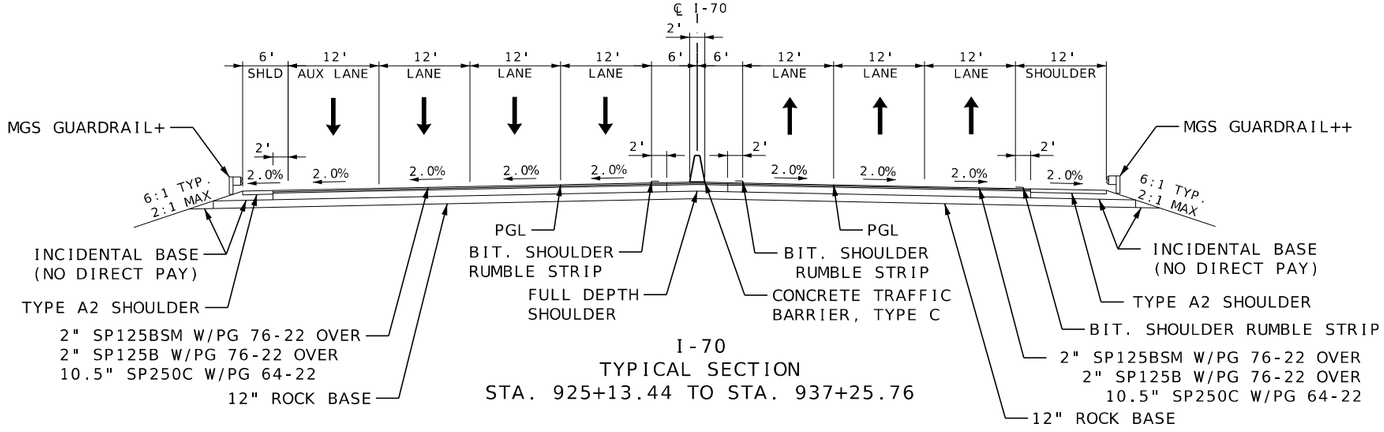



I-70
TYPICAL SECTION
STA. 913+08.07 TO STA. 925+13.44

*: 12' TO 0'-STA. 922+13.44 TO STA. 925+13.44

+: STA. 913+08.07 TO STA. 916+50.86

++: STA. 913+08.07 TO STA. 916+74.28




I-70
TYPICAL SECTION
STA. 925+13.44 TO STA. 937+25.76

+: STA. 928+00.00 TO STA. 937+25.76

++: STA. 928+16.54 TO STA. 934+61.89

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 7 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/3/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

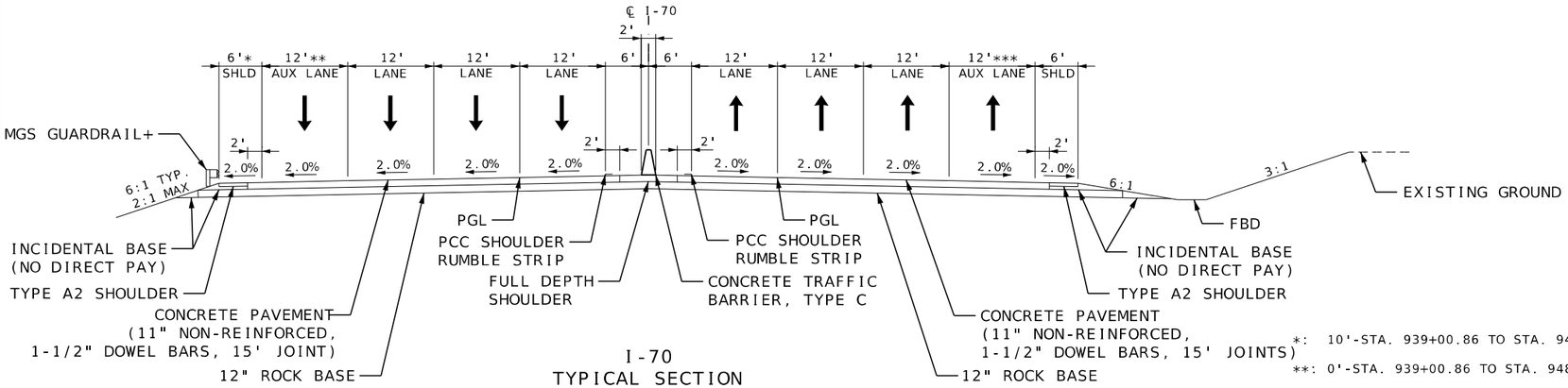
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3101
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 937+25.76 TO 938+39.22 | LT | END CONDITION 3 |
| 937+25.76 TO 938+50.00 | RT | END CONDITION 5 |
| 939+80.00 TO 947+22.78 | RT | END CONDITION 3 |
| 970+30.00 TO 973+80.00 | RT | END CONDITION 3 |
| 971+70.00 TO 978+70.73 | LT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.



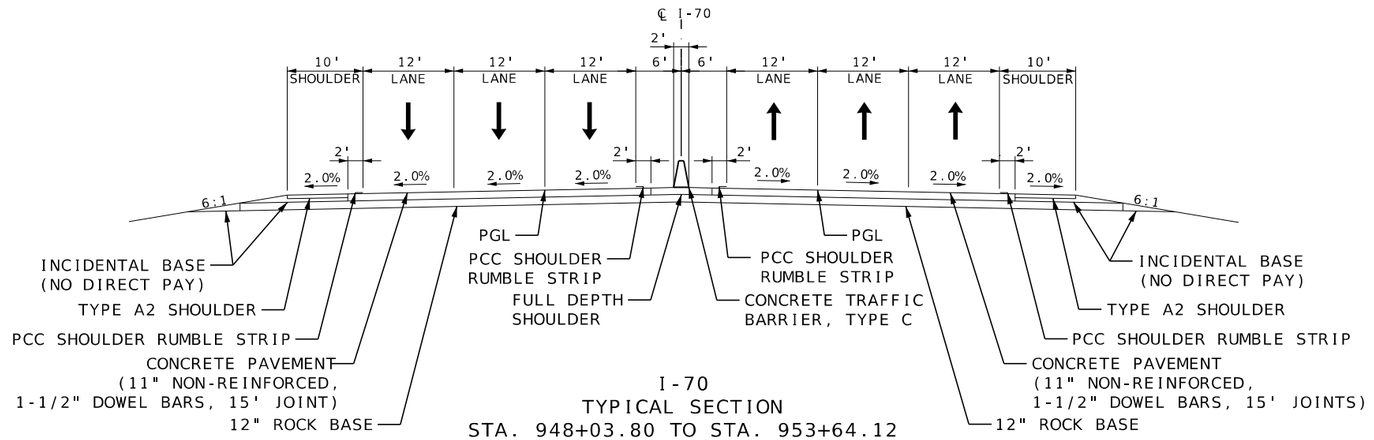

I-70
TYPICAL SECTION
STA. 937+25.76 TO STA. 948+03.80

+: STA. 937+25.76 TO STA. 938+22.72

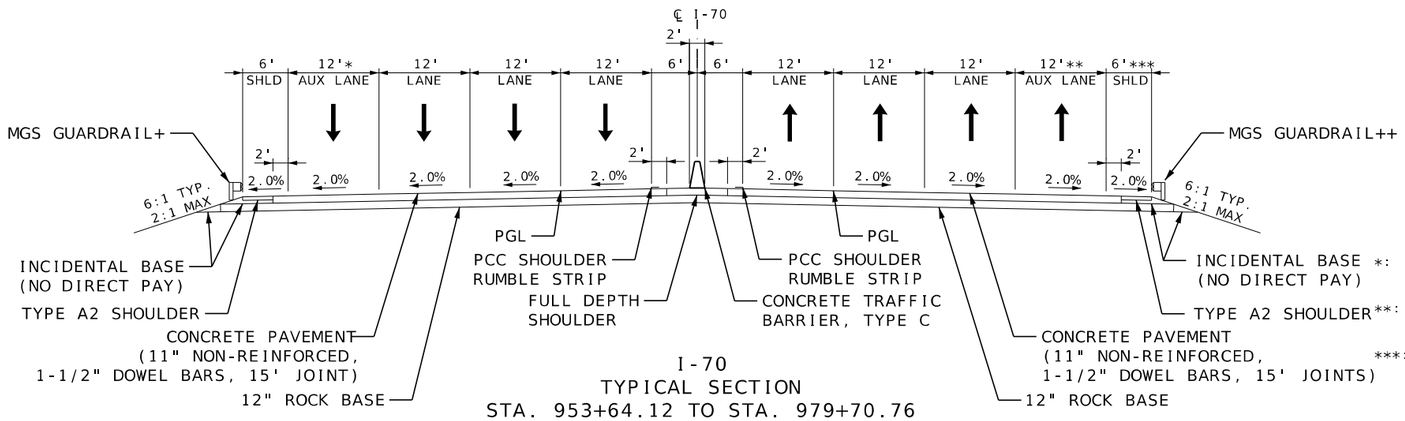
*: 10'-STA. 939+00.86 TO STA. 948+03.80

**: 0'-STA. 939+00.86 TO STA. 948+03.80

***:0' TO 12'-STA. 937+25.76 TO STA. 939+75.76




I-70
TYPICAL SECTION
STA. 948+03.80 TO STA. 953+64.12




I-70
TYPICAL SECTION
STA. 953+64.12 TO STA. 979+70.76

+: STA. 953+64.12 TO STA. 971+28.51

++: STA. 960+84.52 TO STA. 970+33.05

*: 12' TO 0'- STA. 961+00.55 TO STA. 963+50.45
0'- STA. 963+50.45 TO STA. 979+70.76

**: 0'-STA. 953+64.12 TO STA. 962+47.96
12' TO 0'-STA. 975+70.73 TO STA. 979+70.76

***: 10'-STA. 953+64.12 TO STA. 961+64.56

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 8 OF 22

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.
MICHAEL WAYNE DUSENBERG NUMBER E-26546 STATE OF MISSOURI PROFESSIONAL ENGINEER

DATE PREPARED 11/24/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE | REV.

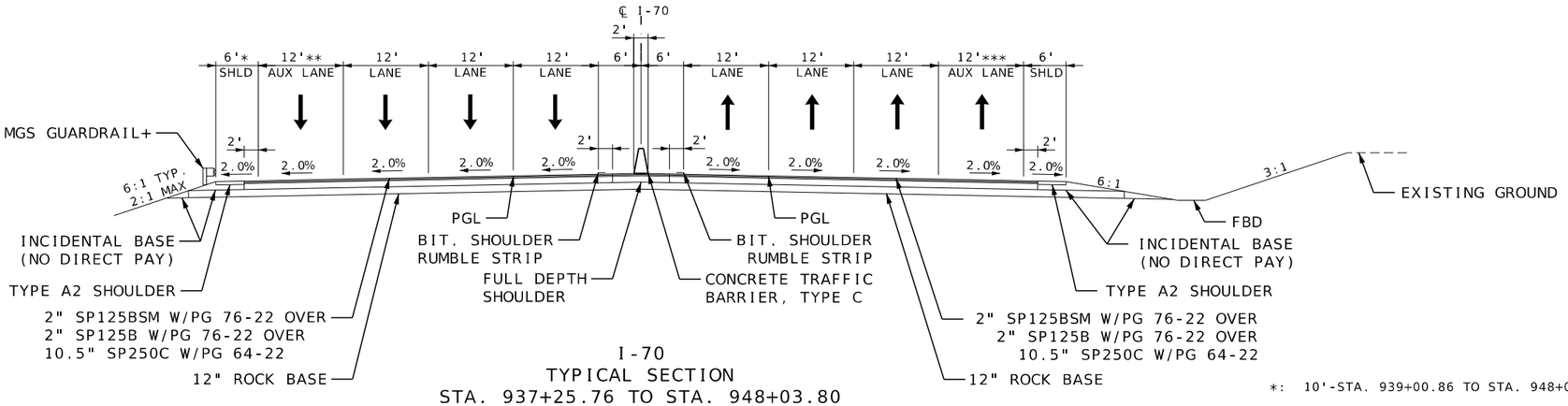
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 937+25.76 TO 938+39.22 | LT | END CONDITION 3 |
| 937+25.76 TO 938+50.00 | RT | END CONDITION 5 |
| 939+80.00 TO 947+22.78 | RT | END CONDITION 3 |
| 970+30.00 TO 973+80.00 | RT | END CONDITION 3 |
| 971+70.00 TO 978+70.73 | LT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.



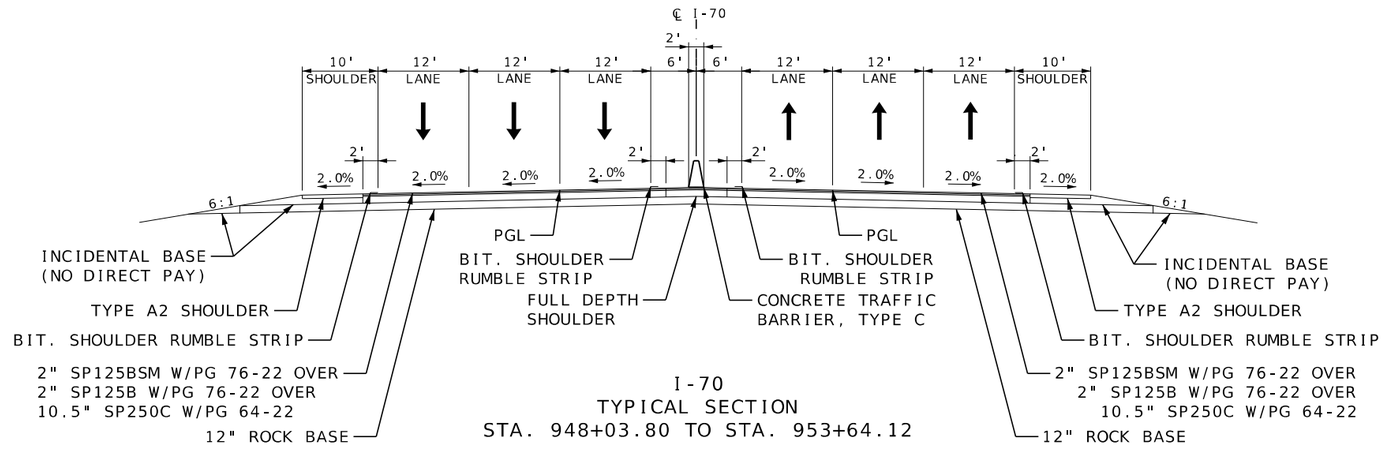

I-70
TYPICAL SECTION
STA. 937+25.76 TO STA. 948+03.80

+: STA. 937+25.76 TO STA. 938+22.72

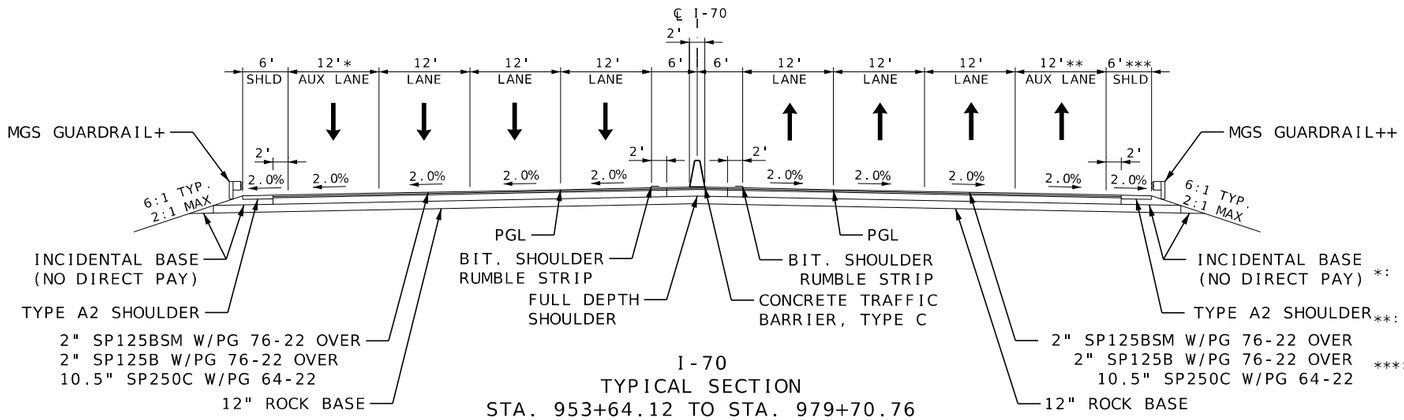
*: 10'-STA. 939+00.86 TO STA. 948+03.80

**: 0'-STA. 939+00.86 TO STA. 948+03.80

***:0' TO 12'-STA. 937+25.76 TO STA. 939+75.76




I-70
TYPICAL SECTION
STA. 948+03.80 TO STA. 953+64.12




I-70
TYPICAL SECTION
STA. 953+64.12 TO STA. 979+70.76

+: STA. 953+64.12 TO STA. 971+28.51

++: STA. 960+84.52 TO STA. 970+33.05

*: 12' TO 0'- STA. 961+00.55 TO STA. 963+50.45
0'- STA. 963+50.45 TO STA. 979+70.76

**: 0'-STA. 953+64.12 TO STA. 962+47.96
12' TO 0'-STA. 975+70.73 TO STA. 979+70.76

***: 10'-STA. 953+64.12 TO STA. 961+64.56

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 9 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
11/21/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

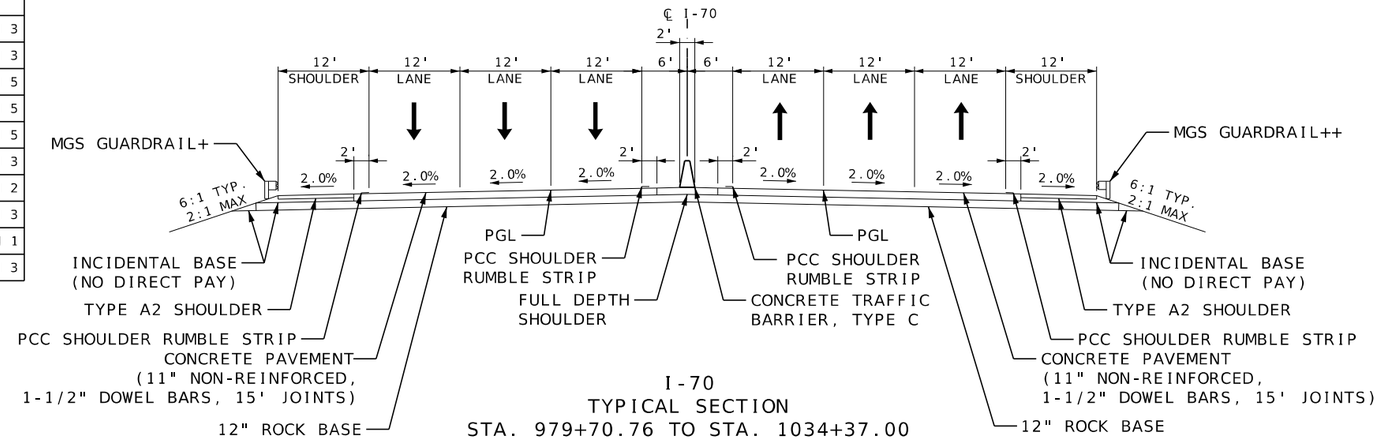
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 978+70.73 TO 985+00.00 | LT | END CONDITION 3 |
| 980+00.00 TO 986+20.00 | RT | END CONDITION 3 |
| 989+30.00 TO 990+00.00 | RT | END CONDITION 5 |
| 1016+40.00 TO 1021+80.00 | RT | END CONDITION 5 |
| 1024+10.00 TO 1026+40.00 | RT | END CONDITION 5 |
| 1025+00.00 TO 1031+80.00 | LT | END CONDITION 3 |
| 1048+30.00 TO 1058+80.00 | LT | END CONDITION 2 |
| 1048+80.00 TO 1061+00.00 | RT | END CONDITION 3 |
| 1059+30.00 TO 1060+53.30 | LT | END CONDITION 1 |
| 1062+07.82 TO 1063+05.17 | LT | END CONDITION 3 |

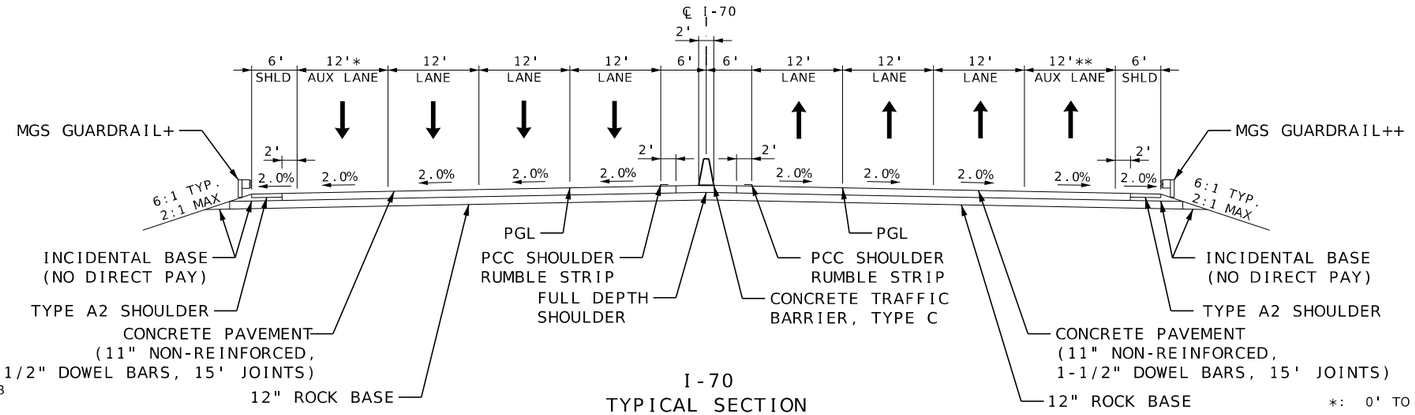
SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

+: STA. 998+30.00 TO STA. 1017+75.51
STA. 1033+27.75 TO STA. 1034+37.00

++: STA. 985+41.72 TO STA. 1012+46.35
STA. 1031+32.77 TO STA. 1034+37.00




I-70
TYPICAL SECTION
STA. 979+70.76 TO STA. 1034+37.00



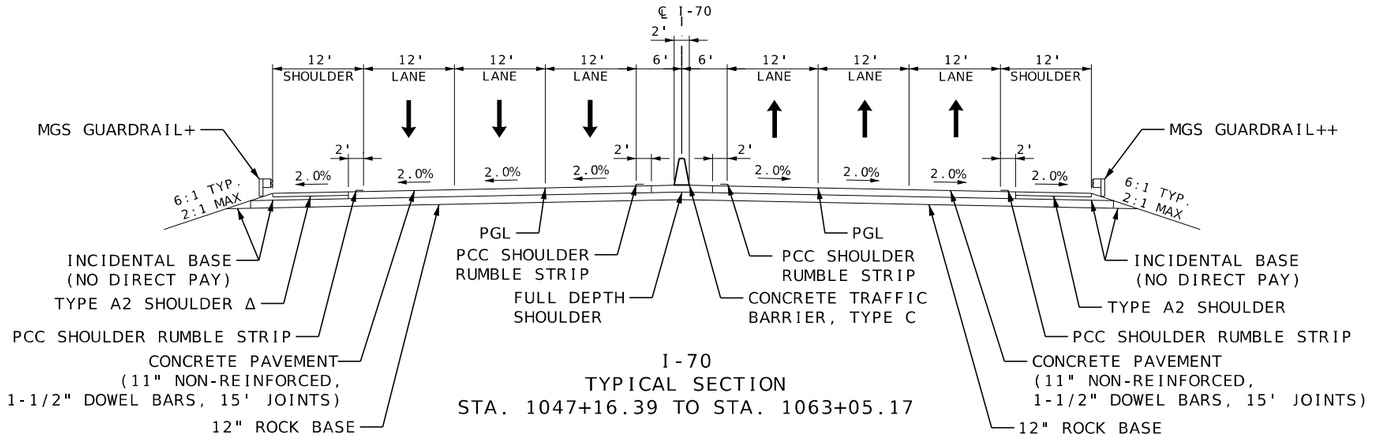

I-70
TYPICAL SECTION
STA. 1034+37.00 TO STA. 1047+16.39

+: STA. 1034+37.00 TO STA. 1045+60.03

++: STA. 1034+37.00 TO STA. 1043+44.79

*: 0' TO 12'-STA. 1034+37.00 TO STA. 1037+37.00

**: 0' TO 12'-STA. 1036+73.80 TO STA. 1039+23.80




I-70
TYPICAL SECTION
STA. 1047+16.39 TO STA. 1063+05.17

+: STA. 1055+36.77 TO STA. 1058+16.77

++: STA. 1053+80.65 TO STA. 1056+10.34

Δ: STA. 1050+90.00 TO STA. 1060+60.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 10 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION | DATE | REV.


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

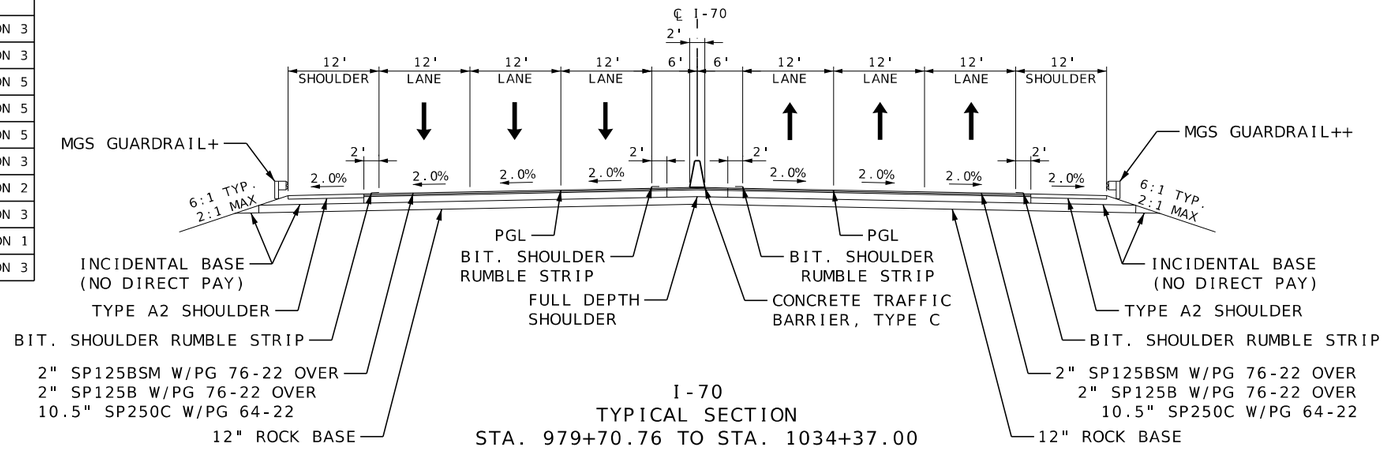
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 978+70.73 TO 985+00.00 | LT | END CONDITION 3 |
| 980+00.00 TO 986+20.00 | RT | END CONDITION 3 |
| 989+30.00 TO 990+00.00 | RT | END CONDITION 5 |
| 1016+40.00 TO 1021+80.00 | RT | END CONDITION 5 |
| 1024+10.00 TO 1026+40.00 | RT | END CONDITION 5 |
| 1025+00.00 TO 1031+80.00 | LT | END CONDITION 3 |
| 1048+30.00 TO 1058+80.00 | LT | END CONDITION 2 |
| 1048+80.00 TO 1061+00.00 | RT | END CONDITION 3 |
| 1059+30.00 TO 1060+53.30 | LT | END CONDITION 1 |
| 1062+07.82 TO 1063+05.17 | LT | END CONDITION 3 |

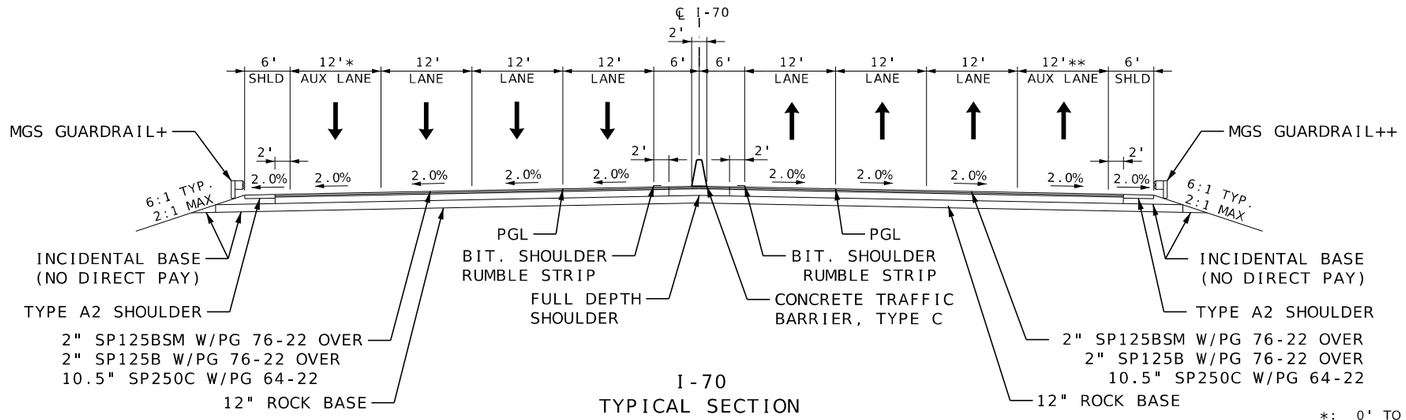
SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

+: STA. 998+30.00 TO STA. 1017+75.51
STA. 1033+27.75 TO STA. 1034+37.00

++: STA. 985+41.72 TO STA. 1012+46.35
STA. 1031+32.77 TO STA. 1034+37.00




I-70
TYPICAL SECTION
STA. 979+70.76 TO STA. 1034+37.00



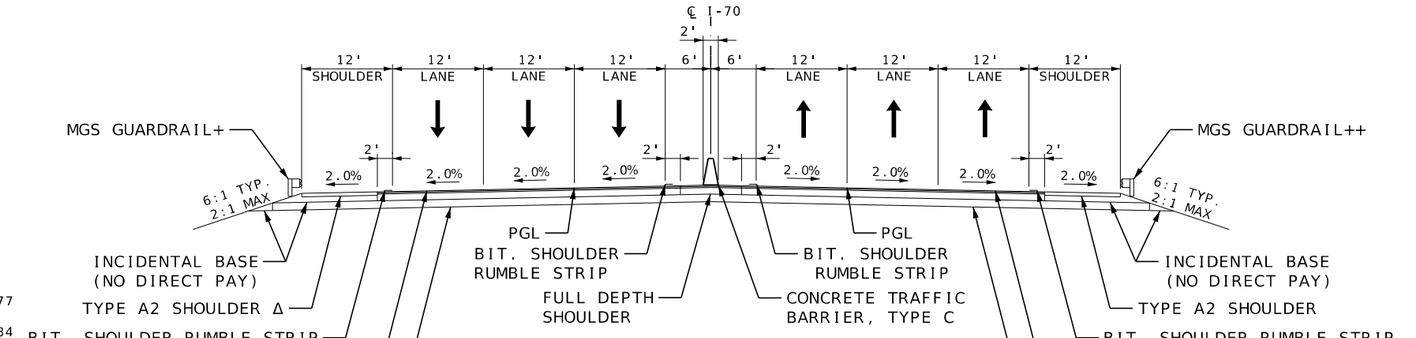

I-70
TYPICAL SECTION
STA. 1034+37.00 TO STA. 1047+16.39

+: STA. 1034+37.00 TO STA. 1045+60.03

++: STA. 1034+37.00 TO STA. 1043+44.79

*: 0' TO 12'-STA. 1034+37.00 TO STA. 1037+37.00

**: 0' TO 12'-STA. 1036+73.80 TO STA. 1039+23.80




I-70
TYPICAL SECTION
STA. 1047+16.39 TO STA. 1063+05.17

+: STA. 1055+36.77 TO STA. 1058+16.77

++: STA. 1053+80.65 TO STA. 1056+10.34

Δ: STA. 1050+90.00 TO STA. 1060+60.00
ASPHALT PAVEMENT -
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 11 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

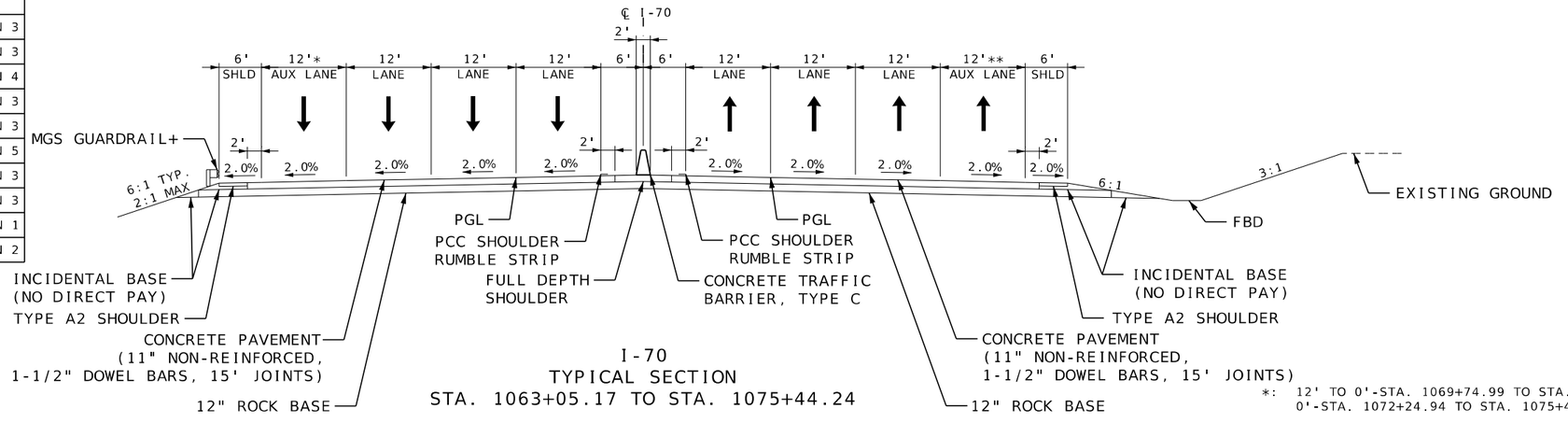


Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1063+05.17 TO 1069+20.00 | LT | END CONDITION 3 |
| 1063+29.89 TO 1069+90.00 | RT | END CONDITION 3 |
| 1075+20.00 TO 1090+60.00 | LT | END CONDITION 4 |
| 1076+00.00 TO 1091+20.00 | RT | END CONDITION 3 |
| 1110+00.00 TO 1116+20.00 | RT | END CONDITION 3 |
| 1130+30.00 TO 1136+00.00 | RT | END CONDITION 5 |
| 1185+40.00 TO 1192+90.00 | LT | END CONDITION 3 |
| 1186+50.00 TO 1193+10.00 | RT | END CONDITION 3 |
| 1230+00.00 TO 1235+40.00 | LT | END CONDITION 1 |
| 1310+20.00 TO 1315+65.72 | RT | END CONDITION 2 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

+: STA. 1069+72.72 TO STA. 1073+73.74




I-70
TYPICAL SECTION
STA. 1063+05.17 TO STA. 1075+44.24

*: 12' TO 0'-STA. 1069+74.99 TO STA. 1072+24.89
0'-STA. 1072+24.94 TO STA. 1075+44.24

**: 12' TO 0'-STA. 1072+44.24 TO STA. 1075+44.24

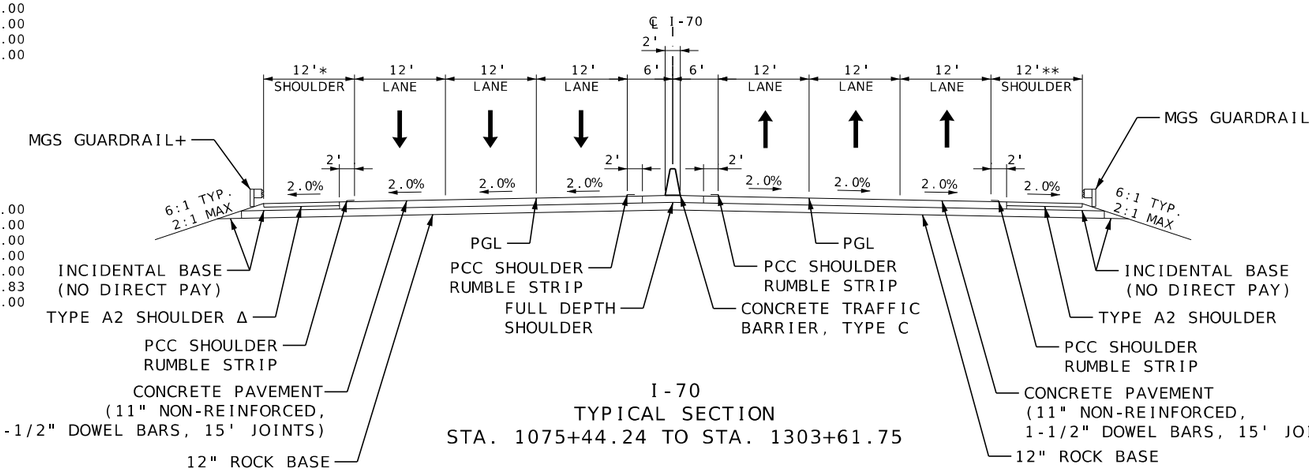
*: 12' TO 10'-STA. 1133+20.00 TO STA. 1133+70.00
12' TO 10'-STA. 1138+30.00 TO STA. 1138+80.00
12' TO 10'-STA. 1151+40.00 TO STA. 1151+90.00
12' TO 10'-STA. 1163+40.00 TO STA. 1163+90.00
12' TO 10'-STA. 1250+00.00 TO STA. 1250+50.00
12' TO 10'-STA. 1260+00.00 TO STA. 1260+50.00
12' TO 10'-STA. 1284+50.00 TO STA. 1285+00.00

*: 10'-STA. 1133+70.00 TO STA. 1136+30.00
10'-STA. 1138+80.00 TO STA. 1143+50.00
10'-STA. 1151+90.00 TO STA. 1156+30.00
10'-STA. 1163+90.00 TO STA. 1178+00.00
10'-STA. 1250+50.00 TO STA. 1258+00.00
10'-STA. 1260+50.00 TO STA. 1269+70.83
10'-STA. 1285+00.00 TO STA. 1295+00.00

*: 10' TO 12'-STA. 1136+30.00 TO STA. 1136+80.00
10' TO 12'-STA. 1143+50.00 TO STA. 1144+00.00
10' TO 12'-STA. 1156+30.00 TO STA. 1156+80.00
10' TO 12'-STA. 1178+00.00 TO STA. 1178+50.00
10' TO 12'-STA. 1258+00.00 TO STA. 1258+50.00
10' TO 12'-STA. 1269+70.83 TO STA. 1270+20.83
10' TO 12'-STA. 1295+00.00 TO STA. 1295+50.00

+: STA. 1093+92.12 TO STA. 1129+86.44
STA. 1147+07.64 TO STA. 1183+95.32
STA. 1193+87.64 TO STA. 1210+60.54
STA. 1220+87.67 TO STA. 1227+82.61
STA. 1232+91.00 TO STA. 1249+91.58
STA. 1269+49.94 TO STA. 1283+97.90

Δ: STA. 1227+40.00 TO STA. 1236+90.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)



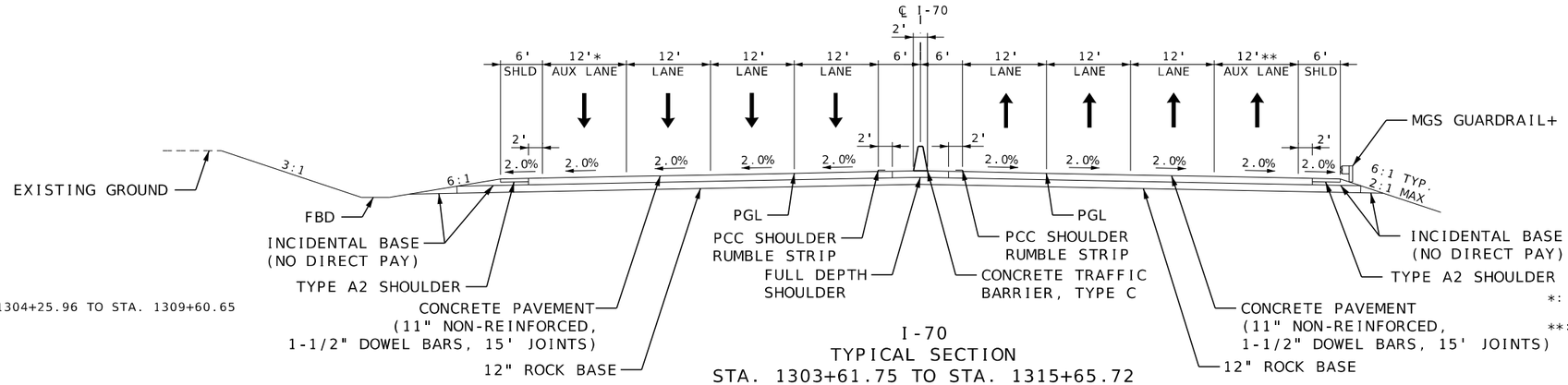

I-70
TYPICAL SECTION
STA. 1075+44.24 TO STA. 1303+61.75

**: 12' TO 10'-STA. 1161+60.00 TO STA. 1162+10.00
12' TO 10'-STA. 1251+50.00 TO STA. 1252+00.00
12' TO 10'-STA. 1260+00.00 TO STA. 1260+50.00
12' TO 10'-STA. 1279+50.00 TO STA. 1280+00.00

**: 10'-STA. 1162+10.00 TO STA. 1176+07.18
10'-STA. 1252+00.00 TO STA. 1258+00.00
10'-STA. 1260+50.00 TO STA. 1266+50.00
10'-STA. 1280+00.00 TO STA. 1293+48.58

**: 10' TO 12'-STA. 1176+07.18 TO STA. 1176+57.18
10' TO 12'-STA. 1258+00.00 TO STA. 1258+50.00
10' TO 12'-STA. 1266+50.00 TO STA. 1267+00.00
10' TO 12'-STA. 1293+48.58 TO STA. 1293+98.58

++: STA. 1089+30.14 TO STA. 1102+87.46
STA. 1122+18.08 TO STA. 1127+92.36
STA. 1133+80.12 TO STA. 1162+50.00
STA. 1179+00.00 TO STA. 1184+12.35
STA. 1191+70.14 TO STA. 1207+27.16
STA. 1217+58.36 TO STA. 1232+61.00
STA. 1236+34.24 TO STA. 1250+13.38
STA. 1268+50.00 TO STA. 1298+18.64




I-70
TYPICAL SECTION
STA. 1303+61.75 TO STA. 1315+65.72

+: STA. 1304+25.96 TO STA. 1309+60.65

*: 0'-12'-STA. 1303+61.75 TO STA. 1306+61.79

**: 0'-STA. 1303+61.75 TO STA. 1305+94.15
0'-12'-STA. 1305+94.15 TO STA. 1308+44.15

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 12 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26346
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED 12/4/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

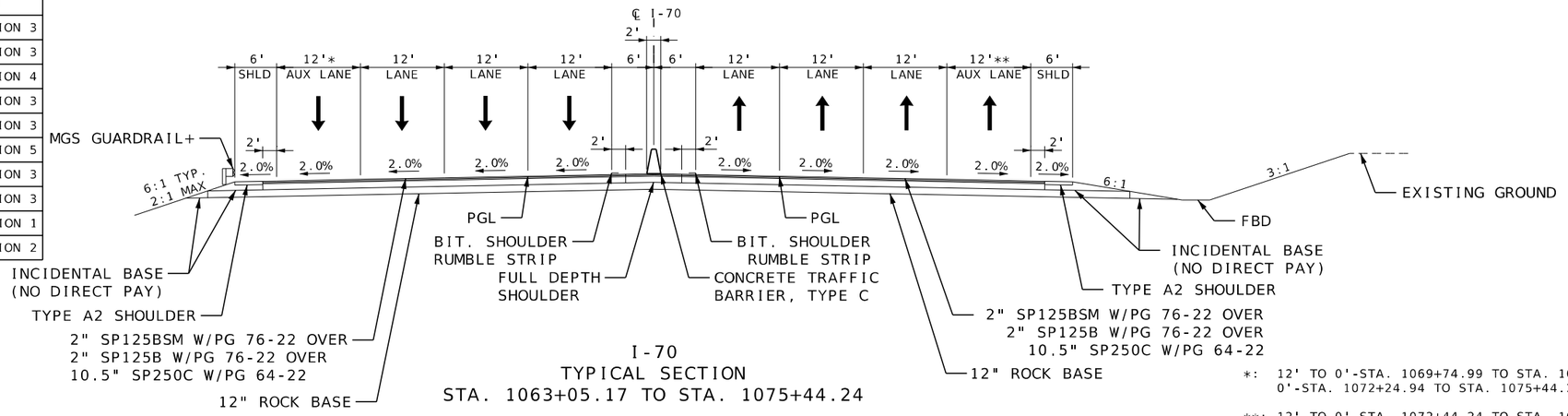

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
(1-888-275-6636)
1-888-ASK-MODOT (1-888-275-6636)
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM


REV.

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1063+05.17 TO 1069+20.00 | LT | END CONDITION 3 |
| 1063+29.89 TO 1069+90.00 | RT | END CONDITION 3 |
| 1075+20.00 TO 1090+60.00 | LT | END CONDITION 4 |
| 1076+00.00 TO 1091+20.00 | RT | END CONDITION 3 |
| 1110+00.00 TO 1116+20.00 | RT | END CONDITION 3 |
| 1130+30.00 TO 1136+00.00 | RT | END CONDITION 5 |
| 1185+40.00 TO 1192+90.00 | LT | END CONDITION 3 |
| 1186+50.00 TO 1193+10.00 | RT | END CONDITION 3 |
| 1230+00.00 TO 1235+40.00 | LT | END CONDITION 1 |
| 1310+20.00 TO 1315+65.72 | RT | END CONDITION 2 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

+: STA. 1069+72.72 TO STA. 1073+73.74




I-70
TYPICAL SECTION
STA. 1063+05.17 TO STA. 1075+44.24

*: 12' TO 0'-STA. 1069+74.99 TO STA. 1072+24.89
0'-STA. 1072+24.94 TO STA. 1075+44.24

**: 12' TO 0'-STA. 1072+44.24 TO STA. 1075+44.24

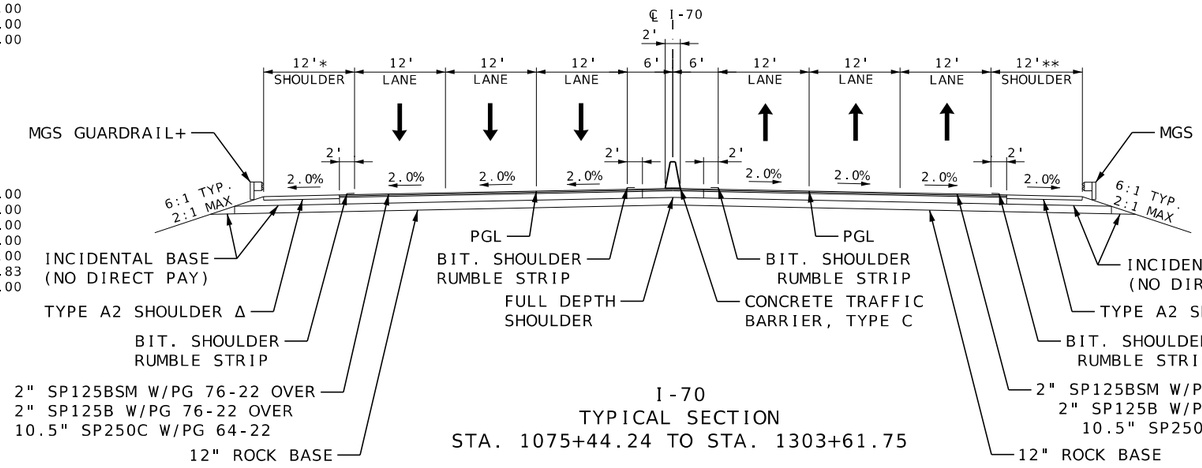
*: 12' TO 10'-STA. 1133+20.00 TO STA. 1133+70.00
12' TO 10'-STA. 1138+30.00 TO STA. 1138+80.00
12' TO 10'-STA. 1151+40.00 TO STA. 1151+90.00
12' TO 10'-STA. 1163+40.00 TO STA. 1163+90.00
12' TO 10'-STA. 1250+00.00 TO STA. 1250+50.00
12' TO 10'-STA. 1260+00.00 TO STA. 1260+50.00
12' TO 10'-STA. 1284+50.00 TO STA. 1285+00.00

*: 10'-STA. 1133+70.00 TO STA. 1136+30.00
10'-STA. 1138+80.00 TO STA. 1143+50.00
10'-STA. 1151+90.00 TO STA. 1156+30.00
10'-STA. 1163+90.00 TO STA. 1178+00.00
10'-STA. 1250+50.00 TO STA. 1258+00.00
10'-STA. 1260+50.00 TO STA. 1269+70.83
10'-STA. 1285+00.00 TO STA. 1295+00.00

*: 10' TO 12'-STA. 1136+30.00 TO STA. 1136+80.00
10' TO 12'-STA. 1143+50.00 TO STA. 1144+00.00
10' TO 12'-STA. 1156+30.00 TO STA. 1156+80.00
10' TO 12'-STA. 1178+00.00 TO STA. 1178+50.00
10' TO 12'-STA. 1258+00.00 TO STA. 1258+50.00
10' TO 12'-STA. 1269+70.83 TO STA. 1270+20.83
10' TO 12'-STA. 1295+00.00 TO STA. 1295+50.00

+: STA. 1093+92.12 TO STA. 1129+86.44
STA. 1147+07.64 TO STA. 1183+95.32
STA. 1193+87.64 TO STA. 1210+60.54
STA. 1220+87.67 TO STA. 1227+82.61
STA. 1232+91.00 TO STA. 1249+91.58
STA. 1269+49.94 TO STA. 1283+97.90

Δ: STA. 1227+40.00 TO STA. 1236+90.00
ASPHALT PAVEMENT -
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)



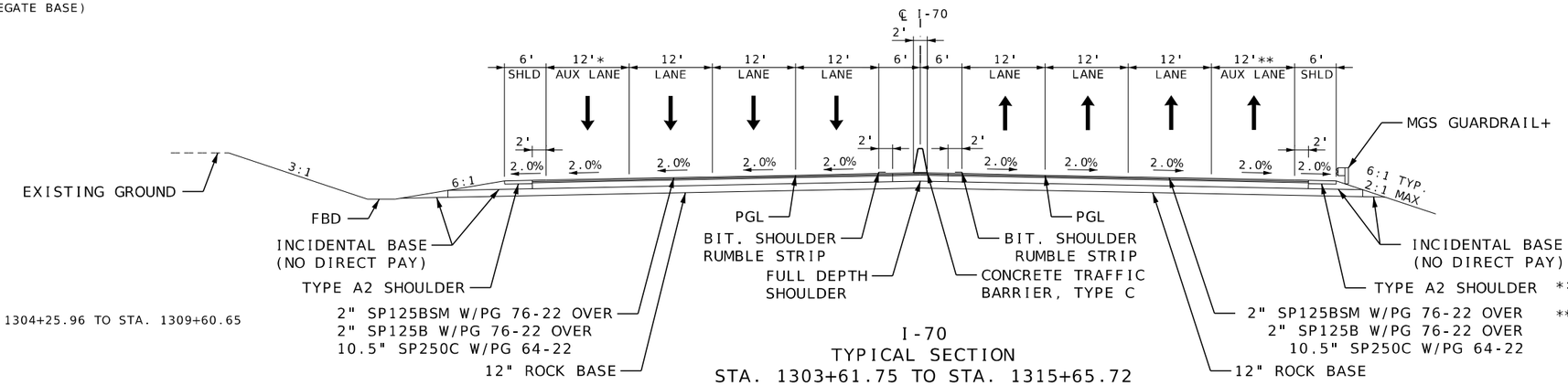

I-70
TYPICAL SECTION
STA. 1075+44.24 TO STA. 1303+61.75

**: 12' TO 10'-STA. 1161+60.00 TO STA. 1162+10.00
12' TO 10'-STA. 1251+50.00 TO STA. 1252+00.00
12' TO 10'-STA. 1260+00.00 TO STA. 1260+50.00
12' TO 10'-STA. 1279+50.00 TO STA. 1280+00.00

**: 10'-STA. 1162+10.00 TO STA. 1176+07.18
10'-STA. 1252+00.00 TO STA. 1258+00.00
10'-STA. 1260+50.00 TO STA. 1266+50.00
10'-STA. 1280+00.00 TO STA. 1293+48.58

**: 10' TO 12'-STA. 1176+07.18 TO STA. 1176+57.18
10' TO 12'-STA. 1258+00.00 TO STA. 1258+50.00
10' TO 12'-STA. 1266+50.00 TO STA. 1267+00.00
10' TO 12'-STA. 1293+48.58 TO STA. 1293+98.58

++: STA. 1089+30.14 TO STA. 1102+87.46
STA. 1122+18.08 TO STA. 1127+92.36
STA. 1133+80.12 TO STA. 1162+50.00
STA. 1179+00.00 TO STA. 1184+12.35
STA. 1191+70.14 TO STA. 1207+27.16
STA. 1217+58.36 TO STA. 1232+61.00
STA. 1236+34.24 TO STA. 1250+13.38
STA. 1268+50.00 TO STA. 1298+18.64




I-70
TYPICAL SECTION
STA. 1303+61.75 TO STA. 1315+65.72

*: 0'-12'-STA. 1303+61.75 TO STA. 1306+61.79

**: 0'-STA. 1303+61.75 TO STA. 1305+94.15
0'-12'-STA. 1305+94.15 TO STA. 1308+44.15

+: STA. 1304+25.96 TO STA. 1309+60.65

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 13 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/3/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

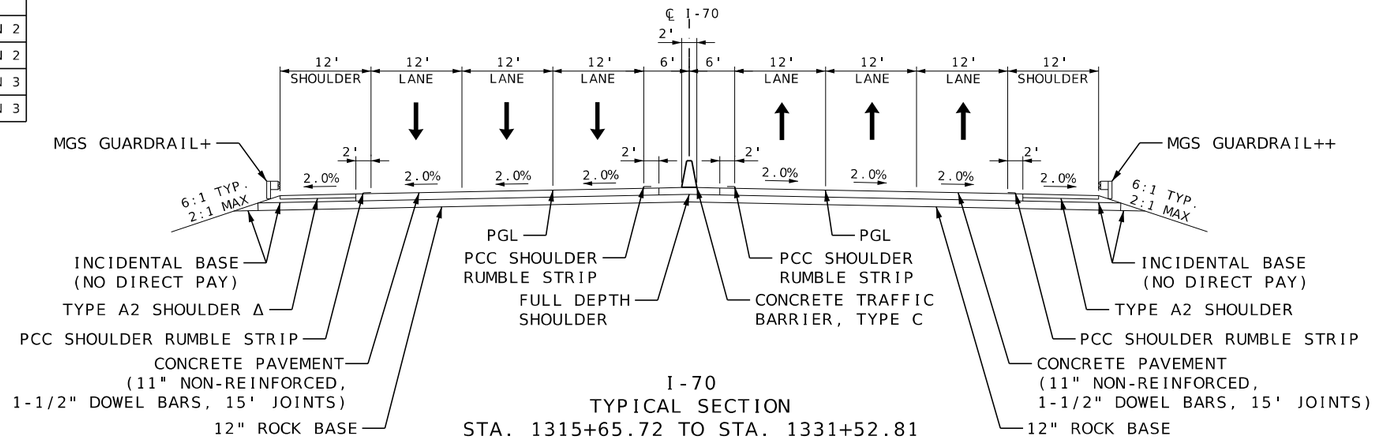
| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1315+65.72 to 1316+38.43 | RT | END CONDITION 2 |
| 1320+00.00 TO 1324+70.00 | RT | END CONDITION 2 |
| 1324+80.00 TO 1324+80.00 | RT | END CONDITION 3 |
| 1335+40.00 TO 1337+20.00 | RT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

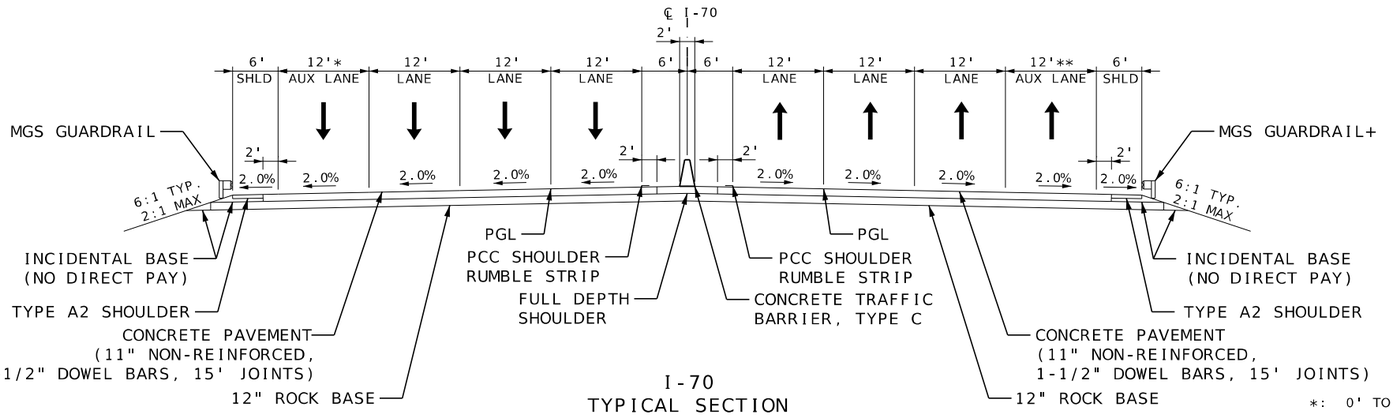
+: STA. 1318+08.00 TO STA. 1323+34.00
STA. 1323+59.00 TO STA. 1326+39.00
STA. 1330+07.09 TO STA. 1331+52.81

++: STA. 1320+98.67 TO STA. 1323+75.00

Δ: STA. 1318+90.00 TO STA. 1328+40.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)




I-70
TYPICAL SECTION
STA. 1315+65.72 TO STA. 1331+52.81

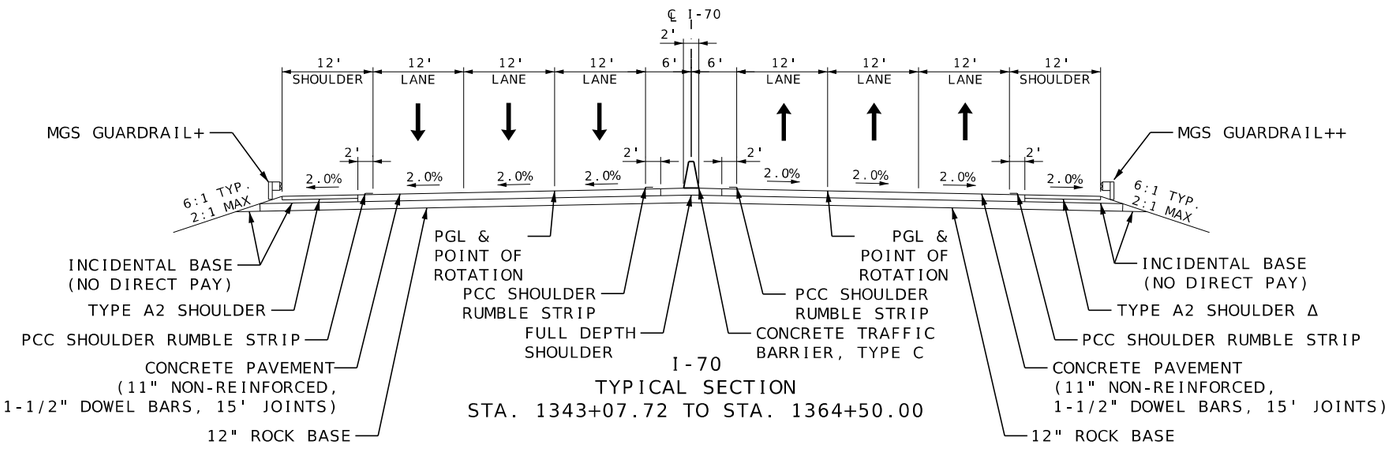



I-70
TYPICAL SECTION
STA. 1331+52.81 TO STA. 1343+07.72

+: STA. 1338+24.94 TO STA. 1343+07.72

*: 0' TO 12'-STA. 1338+86.41 TO STA. 1341+36.31

**: 0' TO 12'-STA. 1340+07.72 TO STA. 1343+07.72




I-70
TYPICAL SECTION
STA. 1343+07.72 TO STA. 1364+50.00

+: STA. 1343+07.72 TO STA. 1348+61.03
STA. 1362+37.64 TO STA. 1364+50.00

++: STA. 1343+07.72 TO STA. 1349+29.28
STA. 1360+70.00 TO STA. 1364+50.00

Δ: STA. 1361+00.00 TO STA. 1364+50.00
CONCRETE PAVEMENT-
(8.5" NON-REINFORCED, 12' JOINTS
OVER 14.5" TYPE 5
AGGREGATE BASE)

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 14 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/4/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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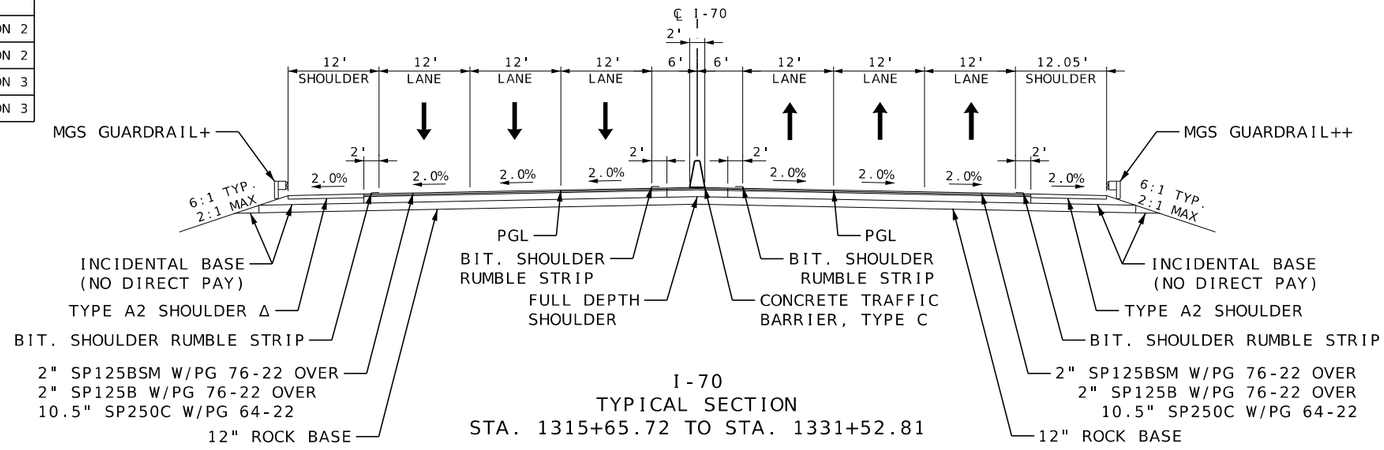
| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1315+65.72 to 1316+38.43 | RT | END CONDITION 2 |
| 1320+00.00 TO 1324+70.00 | RT | END CONDITION 2 |
| 1324+80.00 TO 1324+80.00 | RT | END CONDITION 3 |
| 1335+40.00 TO 1337+20.00 | RT | END CONDITION 3 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

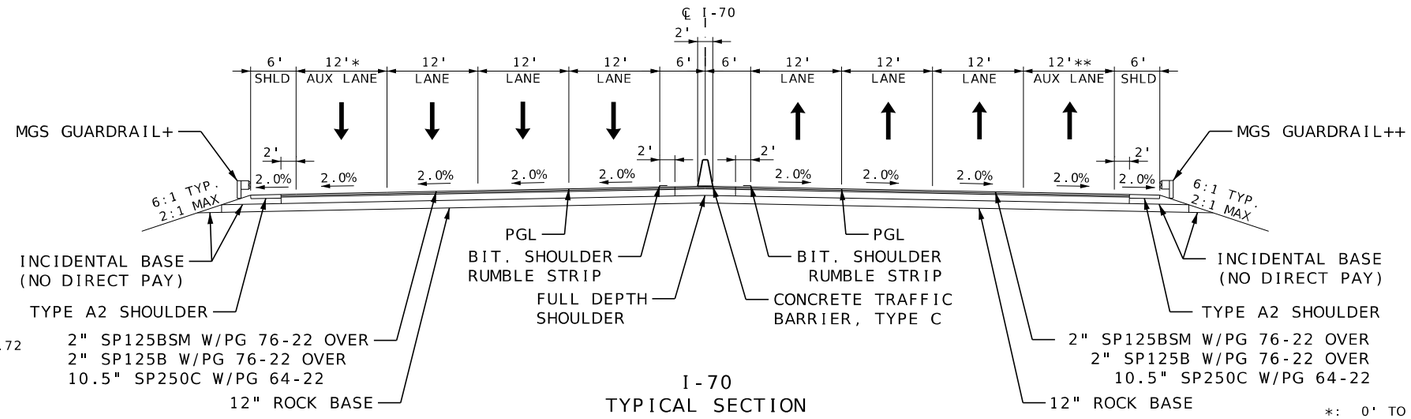
+: STA. 1318+08.00 TO STA. 1323+34.00
STA. 1323+59.00 TO STA. 1326+39.00
STA. 1330+07.09 TO STA. 1331+52.81

++: STA. 1320+98.67 TO STA. 1323+75.00

Δ: STA. 1318+90.00 TO STA. 1328+40.00
ASPHALT PAVEMENT -
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)




I-70
TYPICAL SECTION
STA. 1315+65.72 TO STA. 1331+52.81

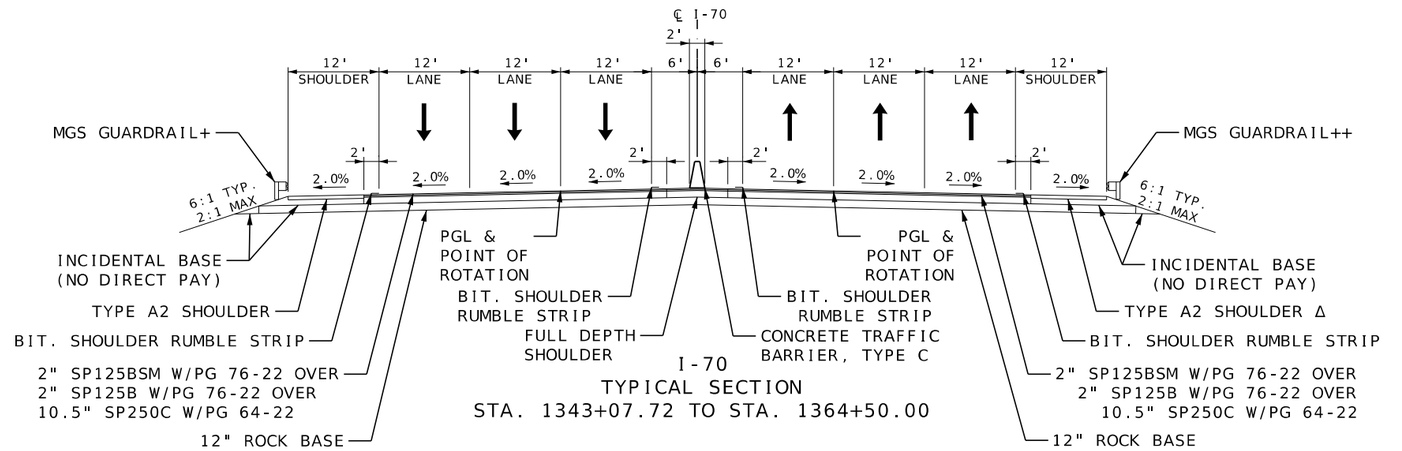



I-70
TYPICAL SECTION
STA. 1331+52.81 TO STA. 1343+07.72

+: STA. 1338+24.94 TO STA. 1343+07.72

*: 0' TO 12'-STA. 1338+86.41 TO STA. 1341+36.31

**: 0' TO 12'-STA. 1340+07.72 TO STA. 1343+07.72




I-70
TYPICAL SECTION
STA. 1343+07.72 TO STA. 1364+50.00

+: STA. 1343+07.72 TO STA. 1348+61.03
STA. 1362+37.64 TO STA. 1364+50.00

++: STA. 1343+07.72 TO STA. 1349+29.28
STA. 1360+70.00 TO STA. 1364+50.00

Δ: STA. 1361+00.00 TO STA. 1364+50.00
ASPHALT PAVEMENT -
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 15 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED 12/3/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1367+10.00 TO 1371+18.64 | RT | END CONDITION 5 |
| 1367+60.00 TO 1373+40.00 | LT | END CONDITION 5 |

SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

I-70 WB
SUPERELEVATION TABLE

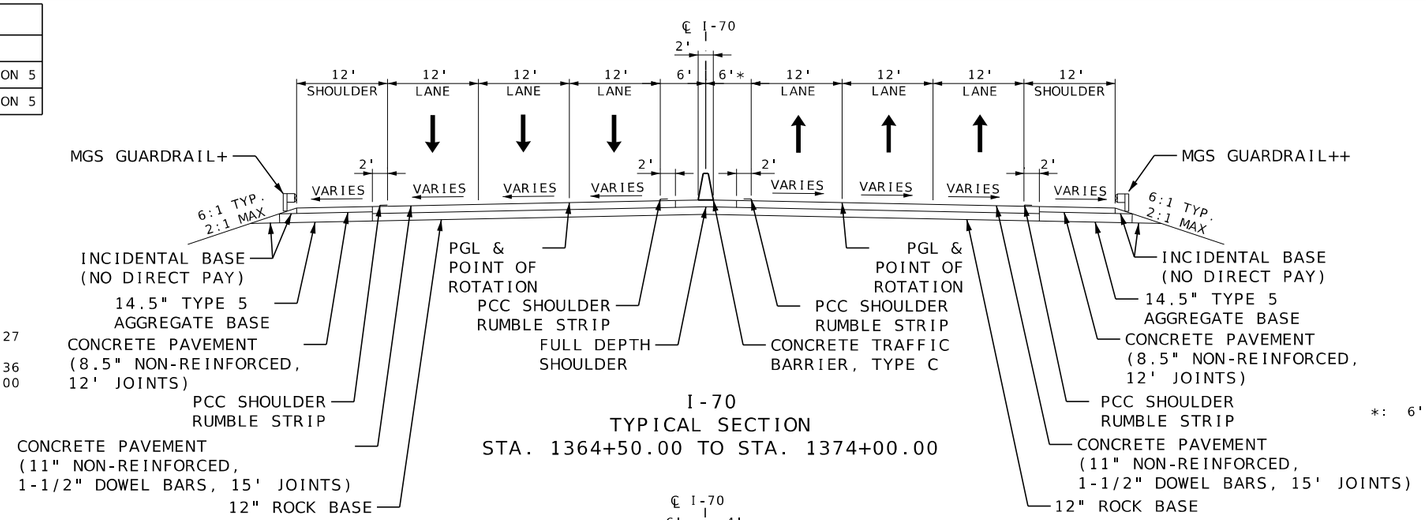
PGL & POINT OF ROTATION

2.0% | 2.0%

1373+40.76

+: STA. 1364+50.00 TO STA. 1367+55.27

++: STA. 1364+50.00 TO STA. 1366+92.36
STA. 1372+12.75 TO STA. 1374+00.00




I-70
TYPICAL SECTION
STA. 1364+50.00 TO STA. 1374+00.00

I-70 EB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1371+31.46

0% | 0%
1372+36.11

2.0% | 2.0%
1373+40.76

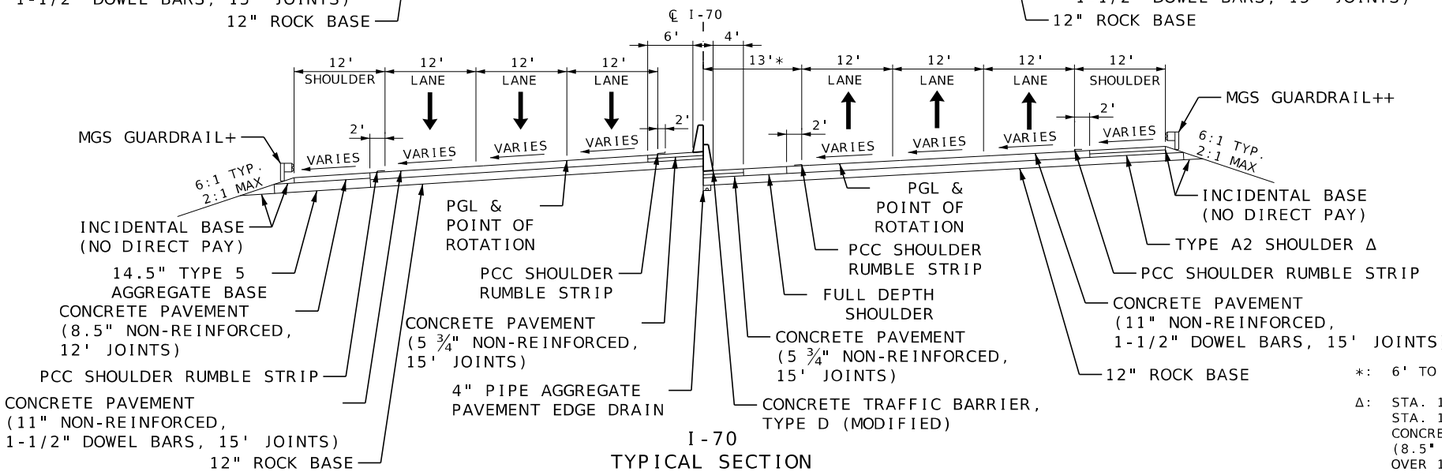
*: 6' TO 13' STA. 1369+10.00 TO STA. 1374+00.00

I-70 WB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

6.6% | 6.6%
1375+81.46

6.6% | 6.6%
1391+70.53




I-70
TYPICAL SECTION
STA. 1374+00.00 TO STA. 1393+50.00

I-70 EB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

6.6% | 6.6%
1375+81.46

6.6% | 6.6%
1391+70.53

+: STA. 1375+00.00 TO STA. 1380+50.00
STA. 1388+97.59 TO STA. 1393+50.00

++: STA. 1374+00.00 TO STA. 1393+50.00

*: 6' TO 13' STA. 1374+00.00 TO STA. 1374+29.97

Δ: STA. 1374+00.00 TO STA. 1378+70.00
STA. 1393+20.00 TO STA. 1393+50.00
CONCRETE PAVEMENT -
(8.5" NON-REINFORCED, 12' JOINTS OVER 14.5" TYPE 5 AGGREGATE BASE)

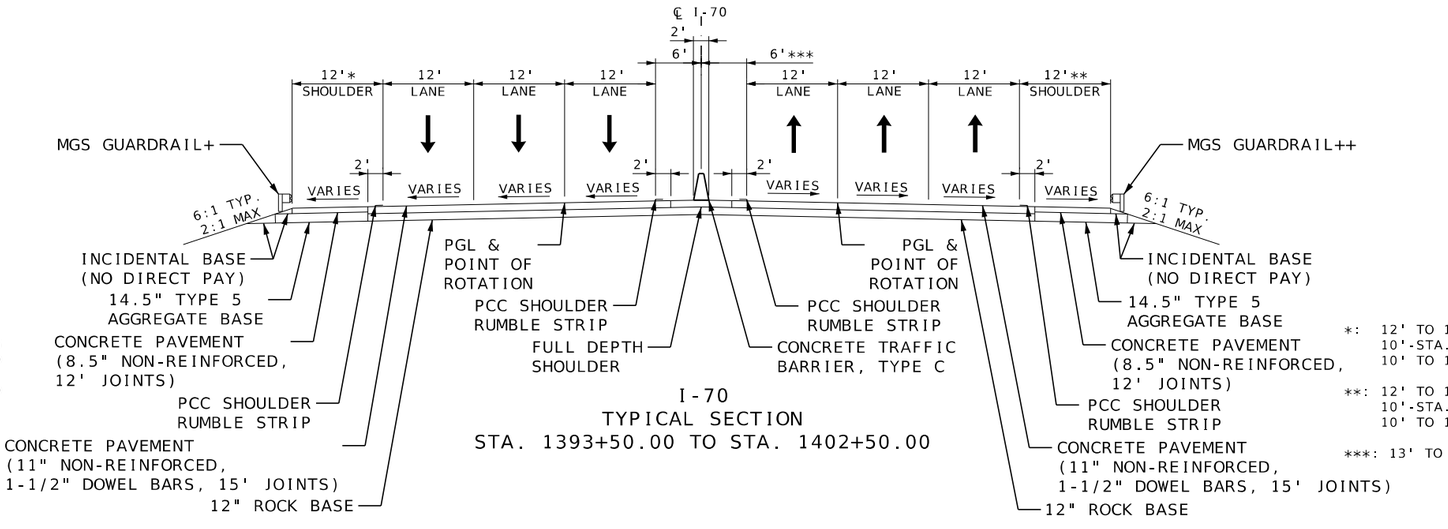
I-70 WB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1394+11.23

+: STA. 1393+50.00 TO STA. 1394+50.05
STA. 1398+49.97 TO STA. 1402+50.00

++: STA. 1393+50.00 TO STA. 1394+63.19




I-70
TYPICAL SECTION
STA. 1393+50.00 TO STA. 1402+50.00

I-70 EB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1394+11.23

0% | 0%
1395+15.88

2.0% | 2.0%
1396+20.53

*: 12' TO 10'-STA. 1394+00.00 TO STA. 1394+50.00
10'-STA. 1394+50.00 TO STA. 1398+50.00
10' TO 12'-STA. 1398+50.00 TO STA. 1399+00.00

**: 12' TO 10'-STA. 1394+00.00 TO STA. 1394+49.94
10'-STA. 1394+49.94 TO STA. 1398+45.14
10' TO 12'-STA. 1398+45.14 TO STA. 1398+95.17

***: 13' TO 6'-STA. 1393+25.00 TO STA. 1398+45.00

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 16 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

DATE

REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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| END CONDITION TABLE | | |
|---|---|---|
| STA. TO STA. | RT/LT | OPTION |
| 1367+10.00 TO 1371+18.64 | RT | END CONDITION 5 |
| 1367+60.00 TO 1373+40.00 | LT | END CONDITION 5 |

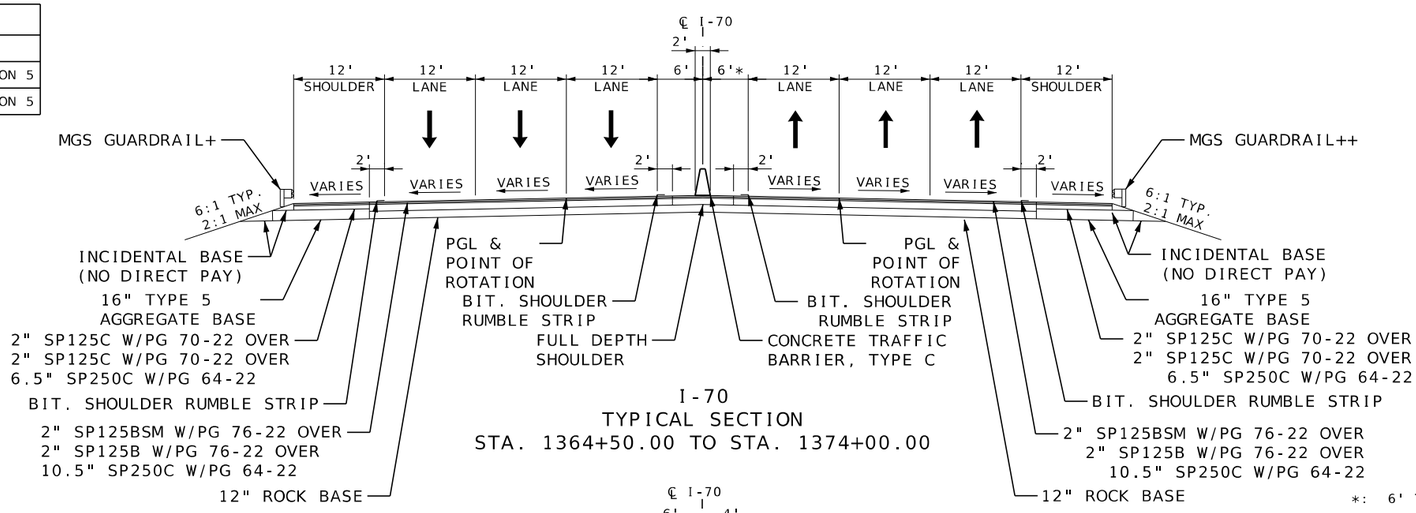
SEE TYPICAL SECTION SHEET 12 FOR DETAILS.

I-70 WB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%

1373+40.76




I-70
TYPICAL SECTION
STA. 1364+50.00 TO STA. 1374+00.00

I-70 EB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1371+31.46

0% | 0%
1372+36.11

2.0% | 2.0%
1373+40.76

+: STA. 1364+50.00 TO STA. 1367+55.27

++: STA. 1364+50.00 TO STA. 1366+92.36
STA. 1372+12.75 TO STA. 1374+00.00

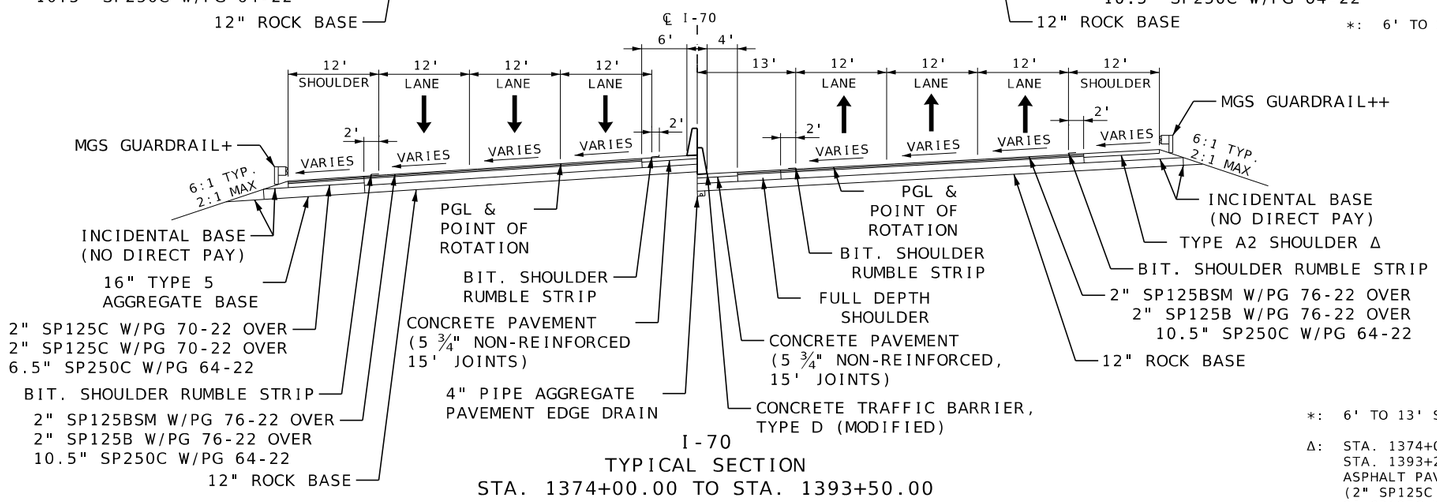
*: 6' TO 13' STA. 1369+10.00 TO STA. 1374+00.00

I-70 WB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

6.6% | 6.6%
1375+81.46

6.6% | 6.6%
1391+70.53




I-70
TYPICAL SECTION
STA. 1374+00.00 TO STA. 1393+50.00

I-70 EB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

6.6% | 6.6%
1375+81.46

6.6% | 6.6%
1391+70.53

+: STA. 1375+00.00 TO STA. 1380+50.00
STA. 1388+97.59 TO STA. 1393+50.00

++: STA. 1374+00.00 TO STA. 1393+50.00

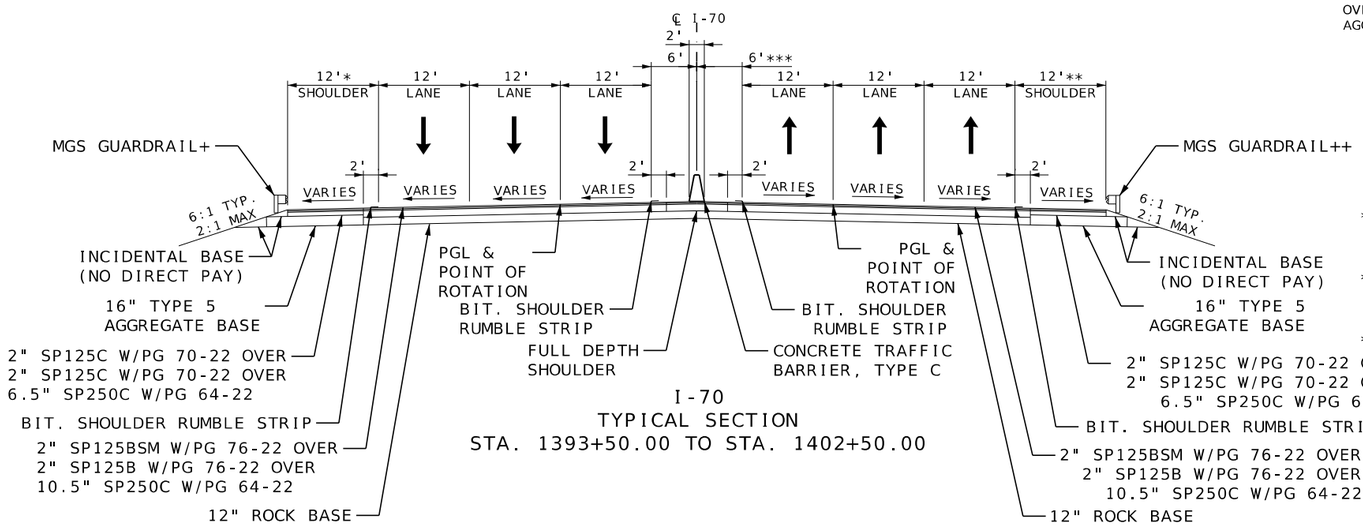
*: 6' TO 13' STA. 1374+00.00 TO STA. 1374+29.97

Δ: STA. 1374+00.00 TO STA. 1378+70.00
STA. 1393+20.00 TO STA. 1420+90.00
ASPHALT PAVEMENT -
(2" SP125C W/PG 70-22 OVER
2" SP125C W/PG 70-22 OVER
6.5" SP250C W/PG 64-22
OVER 16" TYPE 5
AGGREGATE BASE)

I-70 WB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1394+11.23




I-70
TYPICAL SECTION
STA. 1393+50.00 TO STA. 1402+50.00

I-70 EB SUPERELEVATION TABLE

PGL & POINT OF ROTATION

2.0% | 2.0%
1394+11.23

2.0% | 2.0%
1396+20.53

0% | 0%
1395+15.88

+: STA. 1393+50.00 TO STA. 1394+50.05
STA. 1398+49.97 TO STA. 1402+50.00

++: STA. 1392+50.00 TO STA. 1395+00.68

*: 12' TO 10'-STA. 1394+00.00 TO STA. 1394+50.00
10'-STA. 1394+50.00 TO STA. 1398+50.00
10' TO 12'-STA. 1398+50,00 TO STA. 1399+00,00

**: 12' TO 10'-STA. 1394+00.00 TO STA. 1394+49.94
10'-STA. 1394+49.94 TO STA. 1398+45.14
10' TO 12'-STA. 1398+45.14 TO STA. 1398+95.17

***: 13' TO 6'-STA. 1393+25.00 TO STA. 1398+45.00

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 17 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 12/3/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

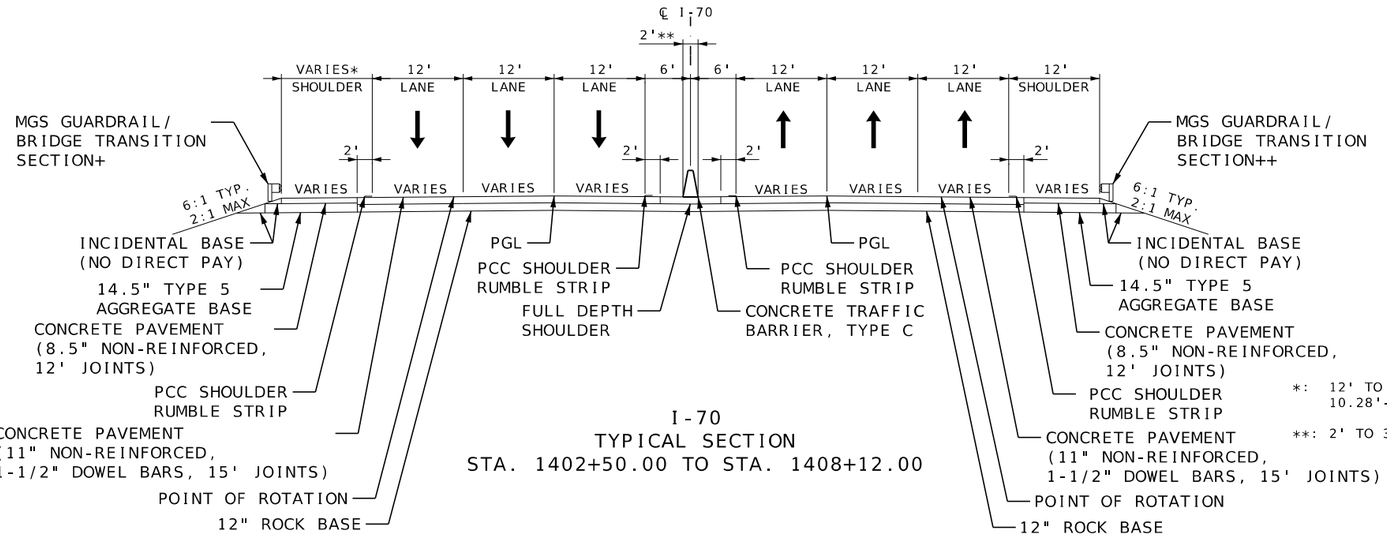
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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I-70 WB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

| | |
|---|---|
| 2.0% | 2.0% |
| 1402+50.00 | |
| 2.0% | VAR. |
| 1407+00.00 | |
| 1.56% | 1.68% |
| 1407+50.00 | |




I-70 EB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

| | |
|---|---|
| 2.0% | 2.0% |
| 1402+50.00 | |
| VAR. | 2.0% |
| 1407+00.00 | |
| 1.56% | 1.56% |
| 1407+50.00 | |

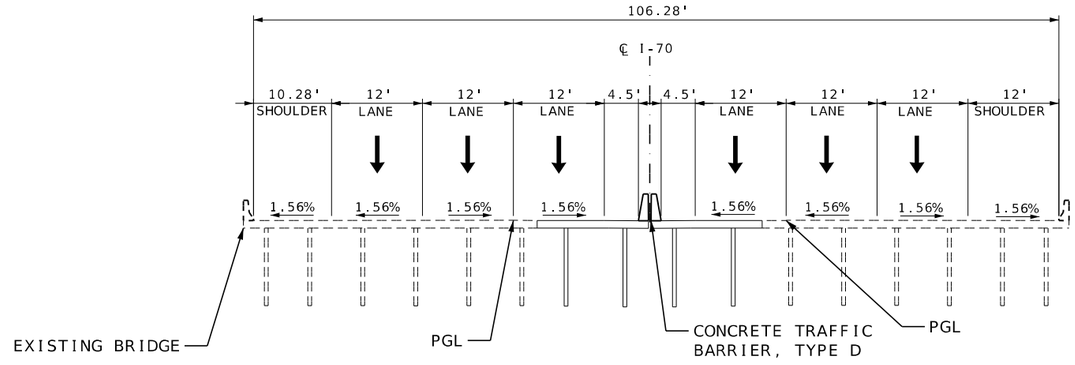
+: STA. 1402+50.00 TO STA. 1407+90.18

++: STA. 1406+27.03 TO STA. 1407+97.91

*: 12' TO 10.28'-STA. 1407+38.58 TO STA. 1407+90.18
10.28'-STA. 1047+90.18 TO 1408+12.00

**: 2' TO 3'-STA. 1407+78.60 TO STA. 1407+93.60

I-70
TYPICAL SECTION
STA. 1402+50.00 TO STA. 1408+12.00

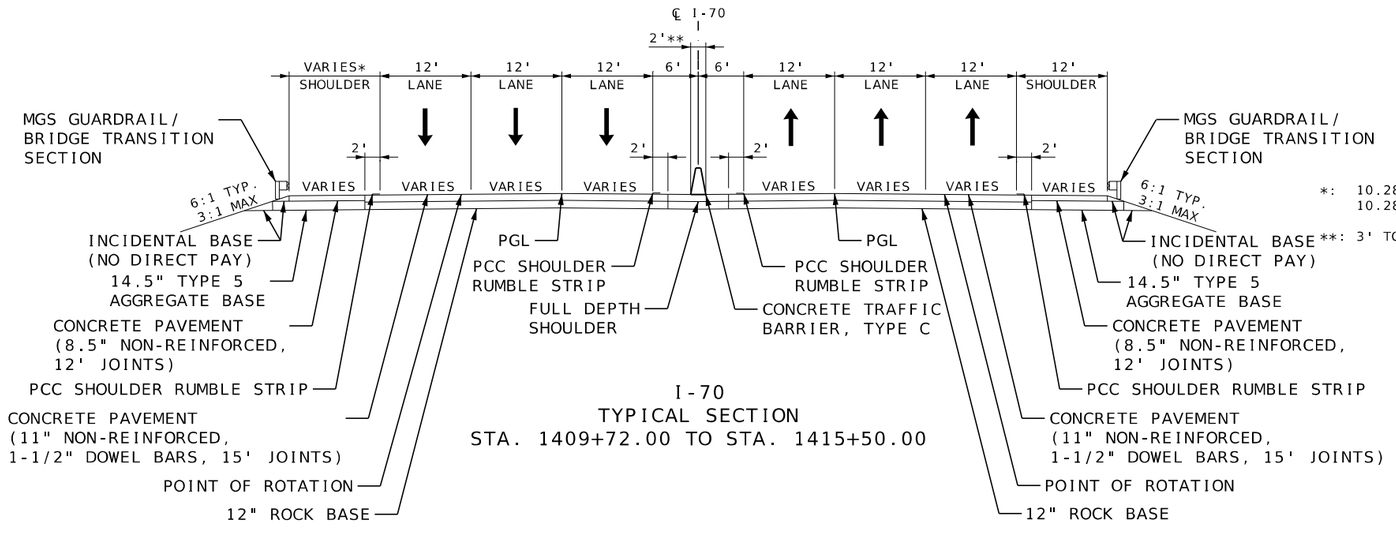



I-70 BRIDGE
TYPICAL SECTION
STA. 1408+12.00 TO STA. 1409+72.00

I-70 WB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

| | |
|---|---|
| 1.56% | 1.68% |
| 1410+50.00 | |
| 2.0% | VAR. |
| 1411+00.00 | |
| 2.0% | 2.0% |
| 1415+50.00 | |




I-70 EB
SUPERELEVATION TABLE

PGL & POINT OF ROTATION

| | |
|---|---|
| 1.56% | 1.56% |
| 1410+50.00 | |
| VAR. | 2.0% |
| 1411+00.00 | |
| 2.0% | 2.0% |
| 1415+50.00 | |

*: 10.28'-STA.1049+72.00 TO STA. 1409+83.88
10.28' TO 12'-STA. 1408+83.88 TO STA. 1410+35.48

**: 3' TO 2'-STA. 1409+87.64 TO STA. 1410+02.64

I-70
TYPICAL SECTION
STA. 1409+72.00 TO STA. 1415+50.00

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 18 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
11/24/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

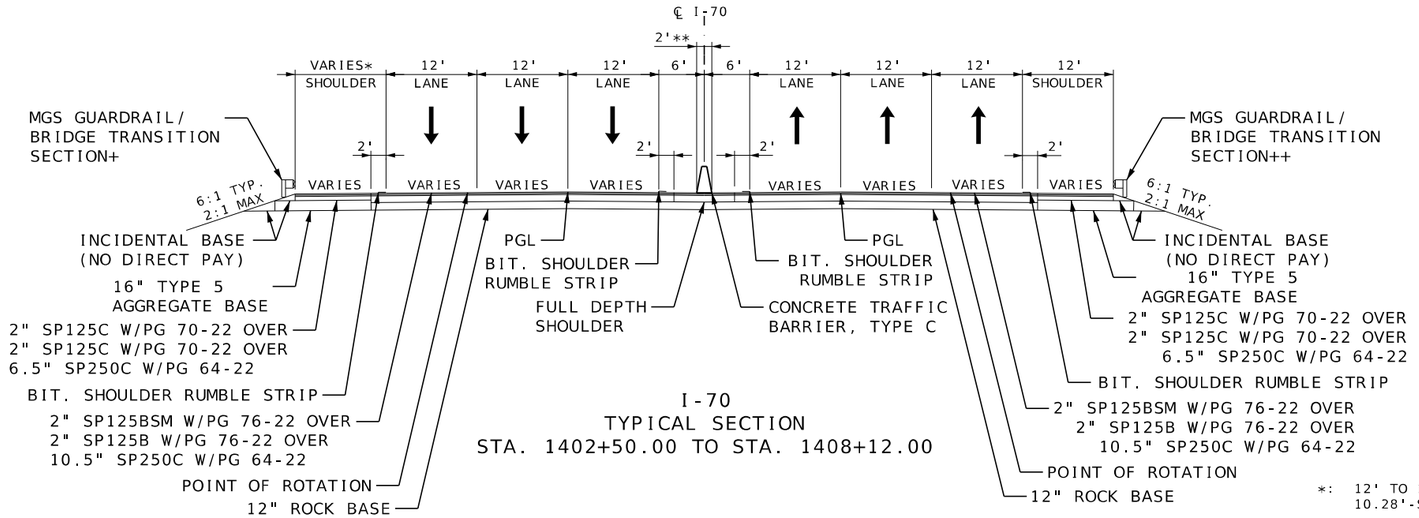
| REV. | DESCRIPTION | DATE |
|---|---|---|
| | | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

I-70 WB
SUPERELEVATION TABLE

| PGL & POINT OF ROTATION | |
|---|---|
| 2.0% | 2.0% |
| 1402+50.00 | |
| 2.0% | VAR. |
| 1407+00.00 | |
| 1.56% | 1.68% |
| 1407+50.00 | |




I-70
TYPICAL SECTION
STA. 1402+50.00 TO STA. 1408+12.00

I-70 EB
SUPERELEVATION TABLE

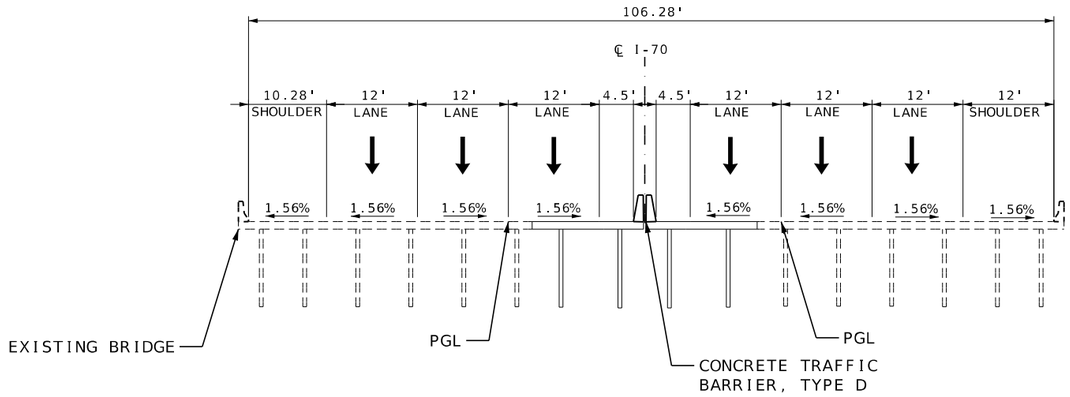
| PGL & POINT OF ROTATION | |
|---|---|
| 2.0% | 2.0% |
| 1402+50.00 | |
| VAR. | 2.0% |
| 1407+00.00 | |
| 1.56% | 1.56% |
| 1407+50.00 | |

+: STA. 1402+50.00 TO STA. 1407+90.18

++: STA. 1406+27.03 TO STA. 1407+97.91

*: 12' TO 10.28'-STA. 1407+38.58 TO STA. 1407+90.18
10.28'-STA. 1047+90.18 TO 1408+12.00

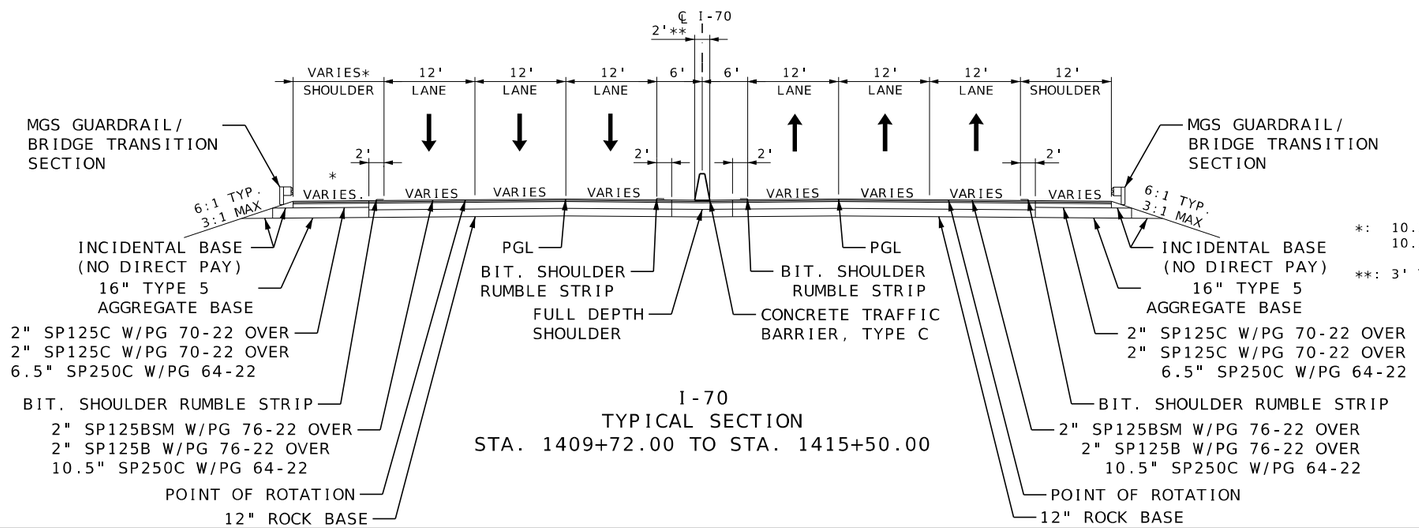
**: 2' TO 3'-STA. 1407+78.60 TO STA. 1407+93.60




I-70 BRIDGE
TYPICAL SECTION
STA. 1408+12.00 TO STA. 1409+72.00

I-70 WB
SUPERELEVATION TABLE

| PGL & POINT OF ROTATION | |
|---|---|
| 1.56% | 1.68% |
| 1410+50.00 | |
| 2.0% | VAR. |
| 1411+00.00 | |
| 2.0% | 2.0% |
| 1415+50.00 | |




I-70
TYPICAL SECTION
STA. 1409+72.00 TO STA. 1415+50.00

I-70 EB
SUPERELEVATION TABLE

| PGL & POINT OF ROTATION | |
|---|---|
| 1.56% | 1.56% |
| 1410+50.00 | |
| VAR. | 2.0% |
| 1411+00.00 | |
| 2.0% | 2.0% |
| 1415+50.00 | |

*: 10.28'-STA.1049+72.00 TO STA. 1409+83.88
10.28' TO 12'-STA.1408+83.88 TO STA.1410+35.48

**: 3' TO 2'-STA. 1409+87.64 TO STA. 1410+02.64

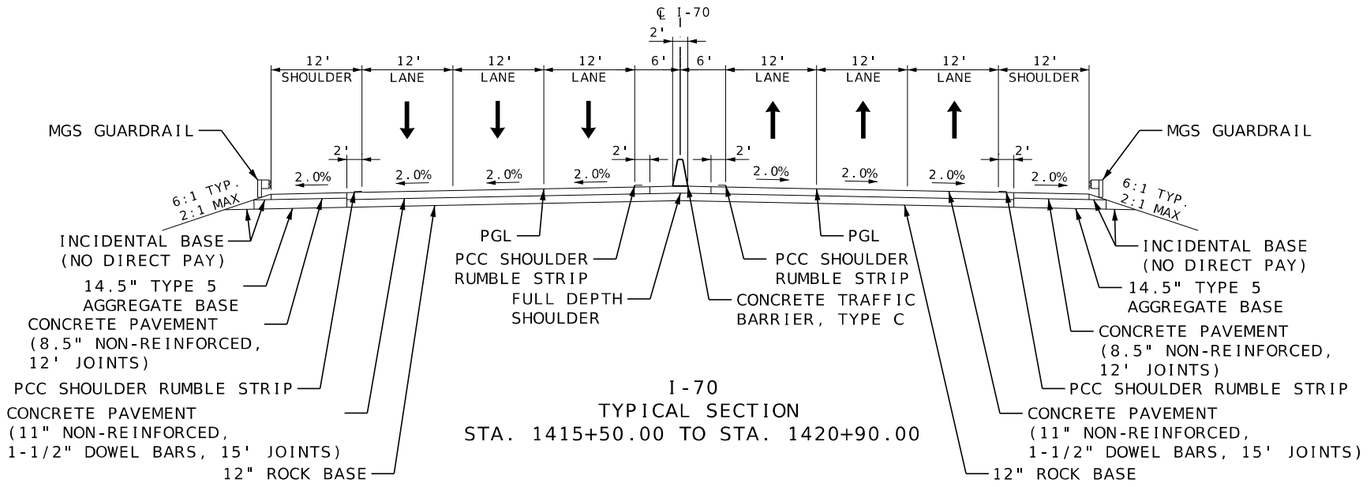
ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 19 OF 22


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.


| | |
|---|---|
| DATE PREPARED | 12/3/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3161
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM




I-70
TYPICAL SECTION
STA. 1415+50.00 TO STA. 1420+90.00

ALTERNATE A-CONCRETE
TYPICAL SECTION
SHEET 20 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/24/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

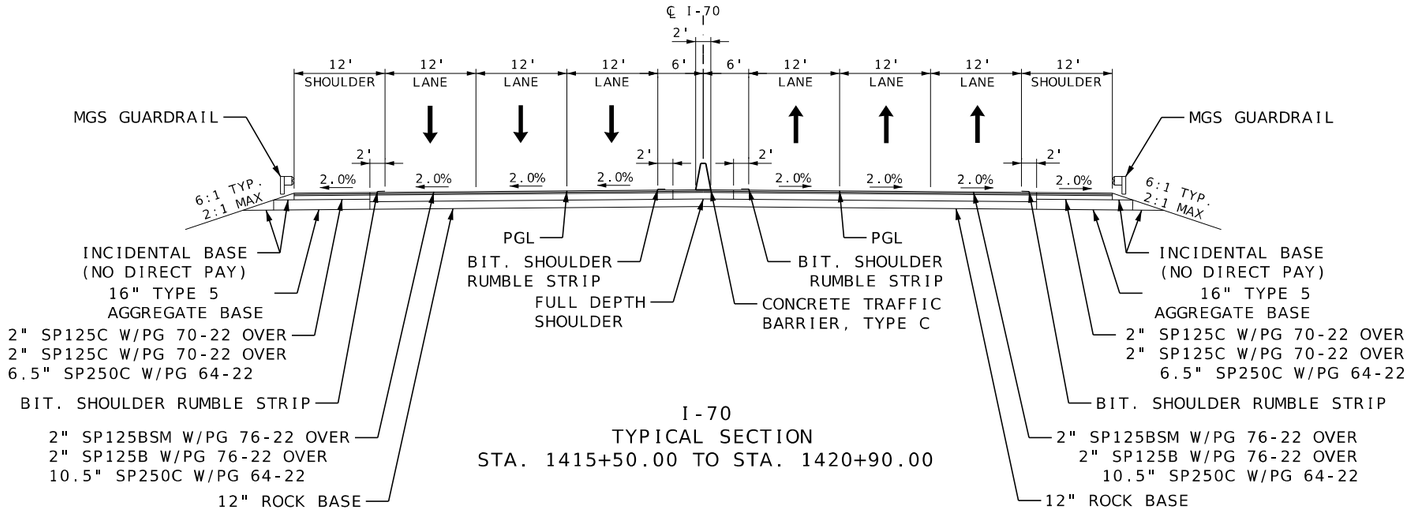
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
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WWW.BARTLETTWEST.COM




I-70
TYPICAL SECTION
STA. 1415+50.00 TO STA. 1420+90.00

ALTERNATE B-ASPHALT
TYPICAL SECTION
SHEET 21 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
12/3/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 2 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

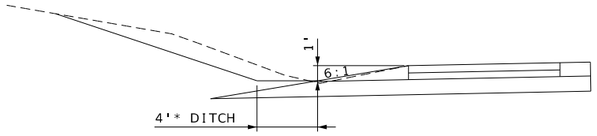
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

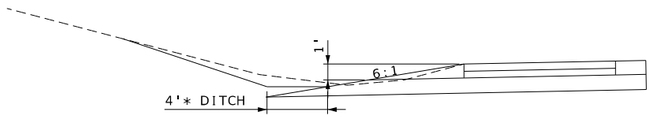
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



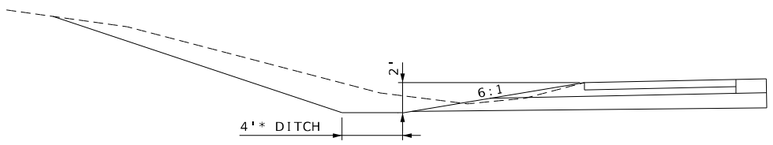

*: 0' STA. 1230+00.00 LT TO STA. 1235+40.00 LT
*: 3' STA. 811+90.00 RT TO STA. 814+50.00 RT

END CONDITION 1




*: 0' STA. 1310+20.00 RT TO STA. 1316+38.43 RT

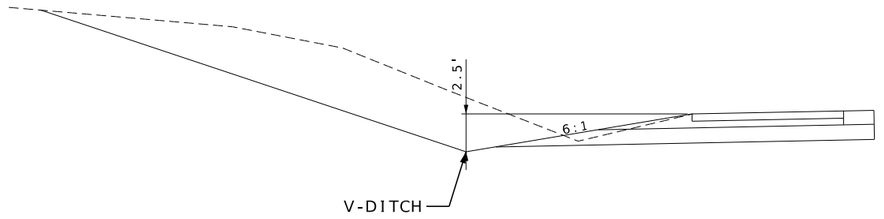
END CONDITION 2




*: 0' STA. 916+90.00 RT TO STA. 918+90.00 RT
*: 0' STA. 1110+00.00 RT TO STA. 1116+20.00 RT
*: 2' STA. 971+70.00 LT TO STA. 985+00.00 LT
*: 2' STA. 1025+00.00 LT TO STA. 1031+80.00 LT
*: 2' STA. 1076+00.00 RT TO STA. 1091+20.00 RT
*: 2' STA. 1185+40.00 LT TO STA. 1192+90.00 LT
*: 2' STA. 1186+50.00 RT TO STA. 1193+10.00 RT

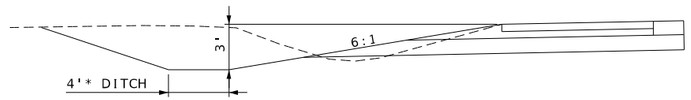
END CONDITION 3

NOTE: SEE TYPICAL SECTION SHEET FOR END CONDITION LOCATIONS.




STA. 1075+20.00 LT TO STA. 1090+60.00 LT

END CONDITION 4




*: 0' STA. 1130+30.00 RT TO STA. 1136+00.00 RT
*: 0' STA. 1367+10.00 RT TO STA. 1371+18.64 RT

END CONDITION 5

EASTBOUND/WESTBOUND END CONDITIONS
TYPICAL SECTION
SHEET 22 OF 22

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/21/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 2
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| PAVEMENT AND SHOULDERS | | | | | | | | |
| 6 | 786+89.38 | 811+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11545.66 | S.Y. | INCLUDES ACCEL LANE & RTE 5 RAMP 1 PAVEMENT |
| | 786+89.38 | 811+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 10972.14 | S.Y. | INCLUDES RTE 5 RAMP 2 PAVEMENT |
| 9 | 811+00.00 | 838+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 12403.79 | S.Y. | INCLUDES RTE 5 RAMP 3 PAVEMENT |
| | 811+00.00 | 838+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 12550.52 | S.Y. | INCLUDES ACCEL LANE & RTE 5 RAMP 4 PAVEMENT |
| 12 | 838+00.00 | 865+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11384.39 | S.Y. | |
| | 838+00.00 | 865+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11171.21 | S.Y. | |
| 14 | 865+00.00 | 892+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11650.11 | S.Y. | |
| | 865+00.00 | 892+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11210.43 | S.Y. | |
| 16 | 892+00.00 | 919+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 12931.86 | S.Y. | INCLUDES ACCEL LANE & RTE B RAMPS 1 & 3 PAVEMENT |
| | 892+00.00 | 919+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 13120.82 | S.Y. | INCLUDES ACCEL LANE & RTE B RAMPS 2 & 4 PAVEMENT |
| 20 | 919+00.00 | 946+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 12175.50 | S.Y. | INCLUDES ACCEL LANE & REST AREA WB RAMP 1 PAVEMENT |
| | 919+00.00 | 946+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11994.73 | S.Y. | INCLUDES DECEL LANE PAVEMENT |
| 23 | 946+00.00 | 973+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11968.29 | S.Y. | INCLUDES DECEL LANE & REST AREA WB RAMP 3 PAVEMENT |
| | 946+00.00 | 973+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 12673.47 | S.Y. | INCLUDES ACCEL LANE & REST AREA EB RAMPS 2 & 4 PAVEMENT |
| 26 | 973+00.00 | 1000+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11526.65 | S.Y. | |
| | 973+00.00 | 1000+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11217.18 | S.Y. | |
| 28 | 1000+00.00 | 1027+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11349.86 | S.Y. | |
| | 1000+00.00 | 1027+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11231.40 | S.Y. | |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 13549.34 | S.Y. | INCLUDES ACCEL LANE & RTE 87 RAMP 1 PAVEMENT |
| | 1027+00.00 | 1054+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 12332.95 | S.Y. | INCLUDES RTE 87 RAMP 2 PAVEMENT |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 12422.13 | S.Y. | INCLUDES RTE 87 RAMP 3 PAVEMENT |
| | 1054+00.00 | 1081+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 12429.32 | S.Y. | INCLUDES ACCEL LANE & RTE 87 RAMP 4 PAVEMENT |
| 36 | 1081+00.00 | 1108+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11194.16 | S.Y. | |
| | 1081+00.00 | 1108+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11341.44 | S.Y. | |
| 38 | 1108+00.00 | 1135+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11300.53 | S.Y. | |
| | 1108+00.00 | 1135+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11252.74 | S.Y. | |
| 40 | 1135+00.00 | 1162+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11432.67 | S.Y. | |
| | 1135+00.00 | 1162+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11445.48 | S.Y. | |
| 42 | 1162+00.00 | 1189+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11533.17 | S.Y. | |
| | 1162+00.00 | 1189+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11487.40 | S.Y. | |
| 44 | 1189+00.00 | 1216+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11327.27 | S.Y. | |
| | 1189+00.00 | 1216+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11299.60 | S.Y. | |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11258.80 | S.Y. | |
| | 1216+00.00 | 1243+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11179.48 | S.Y. | |
| 48 | 1243+00.00 | 1270+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11417.84 | S.Y. | |
| | 1243+00.00 | 1270+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11191.51 | S.Y. | |
| 50 | 1270+00.00 | 1297+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11459.63 | S.Y. | |
| | 1270+00.00 | 1297+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11249.74 | S.Y. | |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 13294.25 | S.Y. | INCLUDES ACCEL LANE & RTE 179 RAMP 1 PAVEMENT |
| | 1297+00.00 | 1324+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 12445.06 | S.Y. | INCLUDES RTE 179 RAMP 2 PAVEMENT |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 13581.08 | S.Y. | INCLUDES RTE 179 RAMP 3 PAVEMENT |
| | 1324+00.00 | 1351+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 13326.83 | S.Y. | INCLUDES ACCEL LANE & RTE 179 RAMP 4 PAVEMENT |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11503.81 | S.Y. | |
| | 1351+00.00 | 1378+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11473.81 | S.Y. | |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 11402.43 | S.Y. | |
| | 1378+00.00 | 1405+00.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 11588.39 | S.Y. | |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | LT | WB PAVEMENT & SHOULDER | 7137.38 | S.Y. | |
| | 1405+00.00 | 1420+90.00 | I-70 | RT | EB PAVEMENT & SHOULDER | 7216.58 | S.Y. | |
| MEDIAN GUARD CABLE | | | | | | | | |
| 6 | 784+89.38 | 811+00.00 | I-70 | CT | GUARD CABLE | 2623.71 | LF | |
| 9 | 811+00.00 | 811+74.41 | I-70 | CT | GUARD CABLE | 74.47 | LF | |
| | 814+83.70 | 838+00.00 | I-70 | CT | GUARD CABLE | 2316.59 | LF | |
| 12 | 838+00.00 | 865+00.00 | I-70 | CT | GUARD CABLE | 2749.53 | LF | |
| 14 | 865+00.00 | 892+00.00 | I-70 | CT | GUARD CABLE | 2751.79 | LF | |
| 16 | 892+00.00 | 904+80.73 | I-70 | CT | GUARD CABLE | 1332.47 | LF | |
| | 907+77.54 | 919+00.00 | I-70 | CT | GUARD CABLE | 1122.65 | LF | |
| 20 | 919+00.00 | 928+60.76 | I-70 | CT | GUARD CABLE | 961.02 | LF | |
| | 929+35.90 | 946+00.00 | I-70 | CT | GUARD CABLE | 1664.17 | LF | |
| 23 | 946+00.00 | 973+00.00 | I-70 | CT | GUARD CABLE | 2749.42 | LF | |
| 26 | 973+00.00 | 1000+00.00 | I-70 | CT | GUARD CABLE | 2749.67 | LF | |
| 28 | 1000+00.00 | 1027+00.00 | I-70 | CT | GUARD CABLE | 2700.00 | LF | |
| 30 | 1027+00.00 | 1042+23.26 | I-70 | CT | GUARD CABLE | 1523.28 | LF | |
| | 1043+06.27 | 1054+00.00 | I-70 | CT | GUARD CABLE | 1094.82 | LF | |
| 33 | 1054+00.00 | 1054+01.88 | I-70 | CT | GUARD CABLE | 1.88 | LF | |
| | 1057+51.94 | 1075+91.70 | I-70 | CT | GUARD CABLE | 1839.96 | LF | |
| | 1076+52.44 | 1081+00.00 | I-70 | CT | GUARD CABLE | 447.98 | LF | |
| 36 | 1081+00.00 | 1108+00.00 | I-70 | CT | GUARD CABLE | 2743.62 | LF | |
| 38 | 1108+00.00 | 1135+00.00 | I-70 | CT | GUARD CABLE | 2749.49 | LF | |
| 40 | 1135+00.00 | 1162+00.00 | I-70 | CT | GUARD CABLE | 2756.52 | LF | |
| 42 | 1162+00.00 | 1189+00.00 | I-70 | CT | GUARD CABLE | 2751.46 | LF | |
| 44 | 1189+00.00 | 1215+89.88 | I-70 | CT | GUARD CABLE | 2741.72 | LF | |
| 46 | 1216+51.52 | 1231+28.46 | I-70 | CT | GUARD CABLE | 1476.29 | LF | |
| | 1234+23.07 | 1243+00.00 | I-70 | CT | GUARD CABLE | 877.16 | LF | |
| 48 | 1243+00.00 | 1270+00.00 | I-70 | CT | GUARD CABLE | 2700.00 | LF | |
| 50 | 1270+00.00 | 1295+83.31 | I-70 | CT | GUARD CABLE | 2680.32 | LF | |
| | 1296+45.52 | 1297+00.00 | I-70 | CT | GUARD CABLE | 54.83 | LF | |

| MOBILIZATION |
|---|
| 1 LUMP SUM |

| CONTRACTOR FURNISHED SURVEY AND STAKING |
|---|
| 1 LUMP SUM |

| ADDITIONAL MOBILIZATION FOR SEEDING |
|---|
| 4 EACH |

| WORKZONE INTELLIGENT TRANSPORTATION SYSTEM |
|---|
| 1 LUMP SUM |

| CLEARING & GRUBBING |
|---|
| 41.4 ACRES |

NOTES:
1) SAWCUTTING PAVEMENT SHALL BE INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 11/12/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 3
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

SUMMARY OF QUANTITIES
SHEET 01 OF 27

c:\bmcd_lib\pw_connect\trn\d0192954\003_QU_JST0017B_I1_Quantities_BMcD.dgn 8:20:46 AM 11/12/2025

## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| MEDIAN GUARD CABLE (CONT.) | | | | | | | | |
| 52 | 1297+00.00 | 1322+18.69 | I-70 | CT | GUARD CABLE | 2518.81 | LF | |
| 55 | 1325+15.71 | 1338+43.56 | I-70 | CT | GUARD CABLE | 1328.32 | LF | |
| | 1338+98.24 | 1351+00.00 | I-70 | CT | GUARD CABLE | 1202.13 | LF | |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | CT | GUARD CABLE | 2752.93 | LF | |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | CT | GUARD CABLE | 2804.47 | LF | |
| 62 | 1405+00.00 | 1407+88.48 | I-70 | CT | GUARD CABLE | 288.62 | LF | |
| PAVEMENT MARKING | | | | | | | | |
| 106 | 764+00 | 818+00 | I-70 | RT | BROKEN WHITE LANE LINE | 2031.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1170.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 107 | 818+00 | 872+00 | I-70 | RT | BROKEN WHITE LANE LINE | 214.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 671.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 108 | 872+00 | 926+00 | I-70 | RT | BROKEN WHITE LANE LINE | 1552.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1472.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 111 | 1034+00 | 1088+00 | I-70 | RT | BROKEN WHITE LANE LINE | 1513.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1492.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 114 | 1196+00 | 1250+00 | I-70 | RT | BROKEN WHITE LANE LINE | 2272.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 2250.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 116 | 1304+00 | 1358+00 | I-70 | RT | BROKEN WHITE LANE LINE | 2061.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1413.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 117 | 1358+00 | 1412+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5430.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5059.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 118 | 1412+00 | 1466+00 | I-70 | RT | BROKEN WHITE LANE LINE | 1440.00 | LF | TRAFFIC CONTROL PHASE 0 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1497.00 | LF | TRAFFIC CONTROL PHASE 0 |
| 122 | 764+00 | 818+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1030.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1033.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 1545.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 2242.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 123 | 818+00 | 872+00 | I-70 | RT | SOLID WHITE EDGE LINE | 71.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 74.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 5187.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 4730.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 124 | 872+00 | 926+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1121.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1084.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 3849.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 3929.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 125 | 926+00 | 980+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 126 | 980+00 | 1034+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 127 | 1034+00 | 1088+00 | I-70 | RT | SOLID WHITE EDGE LINE | 976.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1175.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 3888.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 3909.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 128 | 1088+00 | 1142+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 129 | 1142+00 | 1196+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 130 | 1196+00 | 1250+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1127.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1103.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 3129.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 3151.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 131 | 1250+00 | 1304+00 | I-70 | RT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 5400.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 132 | 1304+00 | 1358+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1131.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1082.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 3342.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 3988.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 133 | 1358+00 | 1412+00 | I-70 | RT | SOLID WHITE EDGE LINE | 4929.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 4661.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 314.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 313.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 134 | 1412+00 | 1466+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1440.00 | LF | TRAFFIC CONTROL PHASE 1 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1440.00 | LF | TRAFFIC CONTROL PHASE 1 |
| 138 | 764+00 | 818+00 | I-70 | LT | SOLID WHITE EDGE LINE | 678.00 | LF | TRAFFIC CONTROL PHASE 2 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 378.00 | LF | TRAFFIC CONTROL PHASE 2 |
| | | | I-70 | LT | SOLID YELLOW EDGE LINE | 678.00 | LF | TRAFFIC CONTROL PHASE 2 |
| 150 | 1412+00 | 1466+00 | I-70 | LT | BROKEN WHITE LANE LINE | 685.00 | LF | TRAFFIC CONTROL PHASE 2 |
| | | | I-70 | LT | SOLID YELLOW EDGE LINE | 1292.00 | LF | TRAFFIC CONTROL PHASE 2 |
| 163 | 764+00 | 818+00 | I-70 | RT | SOLID WHITE EDGE LINE | 1488.00 | LF | TRAFFIC CONTROL PHASE 3 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 1024.00 | LF | TRAFFIC CONTROL PHASE 3 |
| | | | I-70 | RT | SOLID YELLOW EDGE LINE | 1488.00 | LF | TRAFFIC CONTROL PHASE 3 |
| 175 | 1412+00 | 1466+00 | I-70 | RT | SOLID WHITE EDGE LINE | 560.00 | LF | TRAFFIC CONTROL PHASE 3 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 560.00 | LF | TRAFFIC CONTROL PHASE 3 |
| | | | I-70 | RT | SOLID YELLOW EDGE LINE | 1120.00 | LF | TRAFFIC CONTROL PHASE 3 |
| 188 | 764+00 | 818+00 | I-70 | RT | SOLID WHITE EDGE LINE | 702.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 702.00 | LF | TRAFFIC CONTROL PHASE 4 |


STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165


SUMMARY OF QUANTITIES
SHEET 02 OF 27

## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| PAVEMENT MARKING (CONT.) | | | | | | | | |
| | | | I-70 | RT | SOLID YELLOW EDGE LINE | 702.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 1513.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 1513.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | SOLID YELLOW EDGE LINE | 1513.00 | LF | TRAFFIC CONTROL PHASE 4 |
| 200 | 1412+00 | 1466+00 | I-70 | RT | SOLID WHITE EDGE LINE | 890.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | RT | BROKEN WHITE LANE LINE | 890.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | RT | SOLID YELLOW EDGE LINE | 890.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | SOLID WHITE EDGE LINE | 709.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | BROKEN WHITE LANE LINE | 709.00 | LF | TRAFFIC CONTROL PHASE 4 |
| | | | I-70 | LT | SOLID YELLOW EDGE LINE | 709.00 | LF | TRAFFIC CONTROL PHASE 4 |
| DRAINAGE-DROP INLETS | | | | | | | | |
| 6 | 797+96.57 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 797+96.59 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 805+96.26 | | I-70 | LT | DROP INLET | 1 | EA | |
| 9 | 820+45.50 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 824+43.40 | | I-70 | LT | DROP INLET | 1 | EA | |
| | 826+95.03 | | I-70 | CL | DROP INLET | 1 | EA | |
| 12 | 842+92.13 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 861+40.32 | | I-70 | CL | DROP INLET | 1 | EA | |
| 14 | 881+36.45 | | I-70 | CL | DROP INLET | 1 | EA | |
| 16 | 897+85.53 | | I-70 | LT | DROP INLET | 1 | EA | |
| | 897+85.53 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 897+85.62 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 911+83.03 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 912+83.33 | | I-70 | LT | DROP INLET | 1 | EA | |
| 20 | 928+81.98 | | I-70 | CL | DROP INLET | 1 | EA | |
| 23 | 949+80.97 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 952+32.36 | | I-70 | LT | DROP INLET | 1 | EA | |
| | 969+59.86 | | I-70 | CL | DROP INLET | 1 | EA | |
| 26 | 987+78.21 | | I-70 | CL | DROP INLET | 1 | EA | |
| 28 | 1006+76.91 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1022+76.44 | | I-70 | CL | DROP INLET | 1 | EA | |
| 30 | 1042+74.90 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1047+74.31 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 1047+74.73 | | I-70 | LT | DROP INLET | 1 | EA | |
| 36 | 1100+09.16 | | I-70 | CL | DROP INLET | 1 | EA | |
| 38 | 1117+78.98 | | I-70 | CL | DROP INLET | 1 | EA | |
| 40 | 1151+63.53 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1159+65.66 | | I-70 | CL | DROP INLET | 1 | EA | |
| 42 | 1180+11.84 | | I-70 | CL | DROP INLET | 1 | EA | |
| 44 | 1194+64.65 | | I-70 | CL | DROP INLET | 1 | EA | |
| 46 | 1229+47.91 | | I-70 | CL | DROP INLET | 1 | EA | |
| 48 | 1248+77.36 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1258+82.91 | | I-70 | CL | DROP INLET | 1 | EA | |
| 50 | 1278+59.70 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1296+33.98 | | I-70 | CL | DROP INLET | 1 | EA | |
| 52 | 1319+14.32 | | I-70 | CL | DROP INLET | 1 | EA | |
| 55 | 1330+55.84 | | I-70 | LT | DROP INLET | 1 | EA | |
| | 1330+55.94 | | I-70 | RT | DROP INLET | 1 | EA | |
| | 1338+56.15 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1350+54.63 | | I-70 | CL | DROP INLET | 1 | EA | |
| 58 | 1366+10.72 | | I-70 | CL | DROP INLET | 1 | EA | |
| 60 | 1384+20.03 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1392+53.39 | | I-70 | CL | DROP INLET | 1 | EA | |
| 62 | 1407+77.01 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1409+95.38 | | I-70 | CL | DROP INLET | 1 | EA | |
| | 1415+87.84 | | I-70 | CL | DROP INLET | 1 | EA | |
| DRAINAGE-PIPES | | | | | | | | |
| 6 | 797+96.58 | 797+96.61 | I-70 | RT | EXISTING 30" PIPE | 54 | L.F. | |
| | 805+88.24 | 805+96.09 | I-70 | LT | EXISTING 18" PIPE | 48 | L.F. | |
| 9 | 820+45.86 | 820+52.95 | I-70 | RT | EXISTING 24" PIPE | 42 | L.F. | |
| | 824+46.67 | 824+50.79 | I-70 | LT | EXISTING 18" PIPE | 45 | L.F. | |
| 16 | 897+80.16 | 897+85.62 | I-70 | RT | EXISTING 30" PIPE | 45 | L.F. | |
| | 897+80.39 | 897+85.59 | I-70 | LT | EXISTING 30" PIPE | 47 | L.F. | |
| | 911+83.45 | 911+94.18 | I-70 | RT | EXISTING 18" PIPE | 64 | L.F. | |
| | 912+83.19 | 912+93.34 | I-70 | LT | EXISTING 18" PIPE | 70 | L.F. | |
| 23 | 952+32.10 | 952+36.33 | I-70 | LT | EXISTING 15" PIPE | 53 | L.F. | |
| | 969+74.99 | 970+74.88 | I-70 | RT/LT | EXISTING 36" PIPE | 174 | L.F. | |
| 30 | 1047+67.07 | 1047+74.69 | I-70 | LT | EXISTING 24" PIPE | 55 | L.F. | |


STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Certificate of Authority No.: 000165





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## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| DRAINAGE PIPES (CONT.) | | | | | | | | |
| | 1047+67.82 | 1047+74.48 | I-70 | RT | EXISTING 24" PIPE | 59 | L.F. | |
| | 1047+76.49 | 1047+90.40 | I-70 | LT | EXISTING 24" PIPE | 14 | L.F. | |
| 33 | 1055+28.17 | 1056+13.99 | I-70 | CL | EXISTING 15" PIPE | 86 | L.F. | |
| 38 | 1117+96.87 | 1118+09.55 | I-70 | RT/LT | EXISTING 30" PIPE | 146 | L.F. | |
| 52 | 1318+57.29 | 1318+94.19 | I-70 | RT/CL | EXISTING 30" PIPE | 168 | L.F. | |
| | 1319+15.02 | 1319+15.05 | I-70 | LT/CL | EXISTING 30" PIPE | 58 | L.F. | |
| 60 | 1384+18.93 | 1384+20.03 | I-70 | RT/CL | EXISTING 24" PIPE | 84 | L.F. | |
| | 1391+66.23 | 1391+87.05 | I-70 | LT/RT | EXISTING 30" PIPE | 243 | L.F. | |
| DRAINAGE END SECTIONS | | | | | | | | |
| 6 | 797+96.58 | | I-70 | RT | EXISTING 30" FES | 1 | EA | |
| | 805+88.24 | | I-70 | LT | EXISTING 18" FES | 1 | EA | |
| 9 | 824+50.79 | | I-70 | LT | EXISTING 18" FES | 1 | EA | |
| | 826+95.01 | | I-70 | RT | EXISTING 18" FES | 1 | EA | |
| 12 | 842+92.03 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 846+68.87 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 861+40.44 | | I-70 | LT | EXISTING 24" FES | 1 | EA | |
| 14 | 881+36.69 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 889+77.42 | | I-70 | LT | EXISTING 7'x7' HEADWALL | 1 | EA | |
| | 889+95.83 | | I-70 | RT | EXISTING 7'x7' HEADWALL | 1 | EA | |
| 16 | 897+80.14 | | I-70 | RT | EXISTING 30" FES | 1 | EA | |
| | 897+80.39 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 911+94.18 | | I-70 | RT | EXISTING 18" FES | 1 | EA | |
| | 912+93.34 | | I-70 | LT | EXISTING 18" FES | 1 | EA | |
| 20 | 928+81.82 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 930+58.31 | | I-70 | LT | EXISTING 5'x6' HEADWALL | 1 | EA | |
| 23 | 950+11.63 | | I-70 | LT | EXISTING 24" FES | 1 | EA | |
| | 952+36.33 | | I-70 | LT | EXISTING 15" FES | 1 | EA | |
| | 969+60.00 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 969+74.99 | | I-70 | RT | EXISTING 36" FES | 1 | EA | |
| | 970+74.88 | | I-70 | LT | EXISTING 36" FES | 1 | EA | |
| 26 | 987+78.66 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 28 | 1006+76.90 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1022+76.14 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1023+11.63 | | I-70 | RT | EXISTING 42" FES | 1 | EA | |
| | 1023+24.86 | | I-70 | LT | EXISTING 42" FES | 1 | EA | |
| 30 | 1037+12.86 | | I-70 | LT | EXISTING 14'x8' HEADWALL | 1 | EA | |
| | 1042+74.57 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1047+67.82 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 33 | 1071+23.86 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 36 | 1100+08.97 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 1101+28.36 | | I-70 | RT | EXISTING 7'x6' HEADWALL | 1 | EA | |
| | 1101+92.10 | | I-70 | LT | EXISTING 7'x6' HEADWALL | 1 | EA | |
| 38 | 1117+81.34 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1117+96.87 | | I-70 | RT | EXISTING 30" FES | 1 | EA | |
| | 1118+09.55 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| 40 | 1137+14.18 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 1151+63.34 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1159+65.55 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 44 | 1194+64.62 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 46 | 1229+47.86 | | I-70 | RT | EXISTING 18" FES | 1 | EA | |
| | 1247+77.38 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 50 | 1278+59.21 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1296+82.41 | | I-70 | LT | EXISTING 36" FES | 1 | EA | |
| 52 | 1318+57.29 | | I-70 | RT | EXISTING 30" FES | 1 | EA | |
| | 1319+15.02 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| 55 | 1330+56.43 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 1332+43.31 | | I-70 | RT | EXISTING 36" FES | 1 | EA | |
| | 1350+54.60 | | I-70 | RT | EXISTING 18" FES | 1 | EA | |
| 58 | 1366+11.08 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1376+65.61 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| 60 | 1384+18.93 | | I-70 | RT | EXISTING 24" FES | 1 | EA | |
| | 1391+66.23 | | I-70 | LT | EXISTING 30" FES | 1 | EA | |
| | 1391+87.05 | | I-70 | RT | EXISTING 30" FES | 1 | EA | |
| | 1392+52.72 | | I-70 | LT | EXISTING 18" FES | 1 | EA | |
| | 1402+15.18 | | I-70 | RT | EXISTING 18" FES | 1 | EA | |
| 62 | 1407+77.07 | | I-70 | LT | EXISTING 18" FES | 1 | EA | |
| SIGNING | | | | | | | | |
| 2 | 784+38 | 811+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 6 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 2 | 784+38 | 811+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 8 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 2 | 786+73 | | I-70 | RT | EB SANTA FE SIGN ASSEMBLY | EST. 9 | S.F. | ONE POST SHEET SIGN |
| 2 | 788+73 | | I-70 | LT | WB SANTA FE SIGN ASSEMBLY | EST. 7 | S.F. | ONE POST SHEET SIGN |
| 2 | 788+75 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 2 | 788+89 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 2 | 791+46 | | I-70 | RT | EB EXIT 101 GREEN ASSEMBLY | EST. 278.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 2 | 794+92 | | I-70 | LT | WB I-70/40 ASSEMBLY | EST. 12 | S.F. | ONE POST SHEET SIGN |
| 2 | 795+26 | | I-70 | RT | EB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | ONE POST SHEET SIGN |

SUMMARY OF QUANTITIES
SHEET 04 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| SIGNING (CONT.) | | | | | | | | |
| 2 | 797+88 | | I-70 | RT | EB GORE EXIT 101 | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 2 | 800+03 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 2 | 800+09 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 2 | 810+16 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 2 | 810+19 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 3 | 811+00 | 838+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 8 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 3 | 811+00 | 838+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 5 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 3 | 822+02 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 3 | 822+17 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 3 | 824+50 | | I-70 | LT | WB EXIT 101 GORE SIGN | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 3 | 826+80 | | I-70 | LT | WB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | ONE POST SHEET SIGN |
| 3 | 830+89 | | I-70 | LT | WB EXIT 101 GREEN ASSEMBLY | EST. 278.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 3 | 831+59 | | I-70 | RT | EB EAST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 3 | 833+70 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 3 | 833+78 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 839+94 | | I-70 | RT | EB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 4 | 841+08 | | I-70 | LT | WB BOONVILLE CITY LIMIT | EST. 18 | S.F. | TWO POST SHEET SIGN |
| 4 | 842+24 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 842+26 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 844+11 | | I-70 | LT | WB STATE LAW SIGN | EST. 60 | S.F. | TWO POST STRUCTURAL SIGN |
| 4 | 853+24 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 853+36 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 855+60 | | I-70 | LT | EXIT 101 1/2 MILE ASSEMBLY | EST. 232.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 4 | 860+91 | | I-70 | RT | EB EXIT DISTANCE SIGN | EST. 90 | S.F. | TWO POST STRUCTURAL SIGN |
| 4 | 862+68 | | I-70 | LT | WB .8 ERM SIGN | EST 7.5 | S.F. | ONE POST SHEET SIGN |
| 4 | 863+53 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 5 | 865+00 | 892+01 | I-70 | LT | 7' DELINEATOR POSTS | EST. 1 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 5 | 868+97 | | I-70 | LT | WB EXIT DISTANCE SIGN | EST. 90 | S.F. | TWO POST STRUCTURAL SIGN |
| 5 | 871+65 | | I-70 | RT | EB EXIT 103 1/2 MILE ASSEMBLY | EST. 232.5 | S.F. | TWO POST STRUCTURAL SIGN |
| 5 | 874+80 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 5 | 874+86 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 5 | 876+95 | | I-70 | LT | WB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 5 | 885+15 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 5 | 885+19 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 5 | 886+83 | | I-70 | LT | WB WEST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 5 | 887+57 | | I-70 | LT | WB STATE LAW SIGN | EST. 50 | S.F. | TWO POST STRUCTURAL SIGN |
| 5 | 891+84 | | I-70 | RT | EB EXIT 103 GREEN ASSEMBLY | EST. 232.5 | S.F. | TWO POST STRUCTURAL SIGN |
| 6 | 892+00 | 919+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 5 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 6 | 892+00 | 919+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 3 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 6 | 894+89 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 6 | 895+01 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 6 | 898+05 | | I-70 | RT | EB GORE EXIT 103 | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 6 | 898+96 | | I-70 | RT | EB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 6 | 904+29 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 6 | 904+37 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 6 | 910+37 | | I-70 | LT | WB $250 FINE SIGN | EST. 120 | S.F. | TWO POST STRUCTURAL SIGN |
| 6 | 913+46 | | I-70 | LT | WB GORE EXIT 103 | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 6 | 915+40 | | I-70 | LT | WB EXIT SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 6 | 916+40 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 6 | 916+44 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 7 | 919+00 | 946+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 2 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 7 | 919+00 | 946+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 5 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 7 | 919+57 | | I-70 | LT | WB EXIT 103 GREEN ASSEMBLY | EST. 190.5 | S.F. | TWO POST STRUCTURAL SIGN |
| 7 | 923+25 | | I-70 | RT | EB EAST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 7 | 925+90 | | I-70 | RT | EB REST AREA NEXT RIGHT | EST. 88 | S.F. | TWO POST STRUCTURAL SIGN |
| 7 | 927+59 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 7 | 927+66 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 7 | 932+91 | | I-70 | LT | WB BUCKLE UP SIGN | EST. 12 | S.F. | ONE POST SHEET SIGN |
| 7 | 938+10 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 7 | 938+27 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 7 | 939+10 | | I-70 | RT | EB REST AREA | EST. 55 | S.F. | TWO POST STRUCTURAL SIGN |
| 8 | 946+00 | 973+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 10 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 8 | 946+00 | 973+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 3 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 8 | 946+79 | | I-70 | RT | EB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 8 | 946+97 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 8 | 947+13 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 8 | 949+01 | | I-70 | RT | EB GORE REST AREA | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 8 | 952+64 | | I-70 | LT | WB GORE REST AREA | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 8 | 954+82 | | I-70 | LT | WB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 8 | 958+06 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 8 | 958+15 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 8 | 958+63 | | I-70 | LT | WB REST AREA | EST. 55 | S.F. | TWO POST STRUCTURAL SIGN |
| 8 | 963+85 | | I-70 | RT | EB WINDSOR PLACE CITY LIMITS | EST. 27 | S.F. | TWO POST SHEET SIGN |
| 8 | 970+46 | | I-70 | LT | WB EXIT 103 1 MILE ASSEMBLY | EST. 170 | S.F. | TWO POST STRUCTURAL SIGN |
| 8 | 971+19 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 8 | 971+19 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |

SUMMARY OF QUANTITIES
SHEET 05 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| SIGNING (CONT.) | | | | | | | | |
| 8 | 972+63 | | I-70 | RT | EB BUCKLE UP SIGN | EST. 12 | S.F. | ONE POST SHEET SIGN |
| 9 | 974+82 | | I-70 | RT | EB $250 FINE SIGN | EST. 120 | S.F. | TWO POST STRUCTURAL SIGN |
| 9 | 979+24 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 9 | 979+27 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 9 | 985+63 | | I-70 | RT | EB EXIT 106 1 MILE ASSEMBLY | EST. 350 | S.F. | TWO POST STRUCTURAL SIGN |
| 9 | 986+45 | | I-70 | LT | WB REST AREA NEXT SIGN | EST. 88 | S.F. | TWO POST STRUCTURAL SIGN |
| 9 | 989+61 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 9 | 989+63 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 9 | 998+91 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 9 | 998+95 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 10 | 1012+35 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 10 | 1012+41 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 10 | 1021+42 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 10 | 1021+53 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 10 | 1022+90 | | I-70 | LT | WB EXIT DISTANCE SIGN | EST. 90 | S.F. | TWO POST STRUCTURAL SIGN |
| 11 | 1027+00 | 1054+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 6 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 11 | 1027+00 | 1054+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 3 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 11 | 1029+72 | | I-70 | LT | WB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 11 | 1033+14 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 11 | 1033+16 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 11 | 1036+87 | | I-70 | LT | WB WEST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 11 | 1041+69 | | I-70 | RT | EB EXIT 106 GREEN ASSEMBLY | EST. 302.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 11 | 1042+75 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 11 | 1042+79 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 11 | 1044+18 | | I-70 | RT | EB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 11 | 1047+59 | | I-70 | RT | EB GORE EXIT 106 | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 11 | 1052+39 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 11 | 1052+40 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 12 | 1054+00 | 1081+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 7 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 12 | 1054+00 | 1081+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 4 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 12 | 1060+48 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 12 | 1061+29 | | I-70 | LT | WB GORE EXIT 106 | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 12 | 1061+89 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 12 | 1064+12 | | I-70 | LT | WB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 12 | 1065+87 | | I-70 | LT | WB WINDSOR PLACE CITY LIMIT | EST. 27 | S.F. | TWO POST SHEET SIGN |
| 12 | 1068+75 | | I-70 | LT | WB EXIT 106 GREEN ASSEMBLY | EST. 302.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 12 | 1074+84 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 12 | 1074+94 | | I-70 | LT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 13 | 1082+19 | | I-70 | RT | EB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 13 | 1085+74 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 13 | 1085+78 | | I-70 | LT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 13 | 1089+18 | | I-70 | LT | WB HOWARD/COOPER COUNTY | EST. 105 | S.F. | TWO POST STRUCTURAL SIGN |
| 13 | 1091+97 | | I-70 | LT | WB NEW FRANKLIN EXIT | EST. 70 | S.F. | TWO POST STRUCTURAL SIGN |
| 13 | 1094+12 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 13 | 1094+24 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1109+13 | | I-70 | RT | EB EXIT DISTANCE SIGN | EST. 45 | S.F. | TWO POST STRUCTURAL SIGN |
| 14 | 1110+11 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1110+15 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1118+87 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1118+92 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1118+93 | | I-70 | LT | WB EXIT 106 1 MILE ASSEMBLY | EST. 302.5 | S.F. | THREE POST STRUCTURAL SIGN |
| 14 | 1129+89 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 14 | 1130+02 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 15 | 1140+47 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 15 | 1140+58 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 15 | 1152+03 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 15 | 1152+05 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1162+71 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1162+72 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1172+86 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1172+99 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1182+88 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 16 | 1182+95 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1192+07 | | I-70 | LT | WB BOONVILE 3 NEXT EXITS | EST. 35 | S.F. | TWO POST STRUCTURAL SIGN |
| 17 | 1193+25 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1193+35 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1201+80 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1201+85 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1212+76 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1212+80 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 17 | 1215+91 | | I-70 | C | NO U-TURN | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 18 | 1223+13 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 18 | 1223+13 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 18 | 1235+08 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 18 | 1235+15 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1244+06 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |

SUMMARY OF QUANTITIES
SHEET 06 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| SIGNING (CONT.) | | | | | | | | |
| 19 | 1244+13 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1250+47 | | I-70 | RT | EB EXIT 111 1 MILE ASSEMBLY | EST. 258 | S.F. | TWO POST STRUCTURAL SIGN |
| 19 | 1256+88 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1257+08 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1266+89 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1266+95 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 19 | 1269+43 | | I-70 | LT | WB EXIT DISTANCE SIGN | EST. 45 | S.F. | TWO POST STRUCTURAL SIGN |
| 20 | 1277+79 | | I-70 | LT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 20 | 1277+87 | | I-70 | RT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 20 | 1287+51 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 20 | 1287+58 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 20 | 1295+47 | | I-70 | LT | WB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 20 | 1295+86 | | I-70 | C | NO U-TURN | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 20 | 1296+90 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 20 | 1296+97 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 21 | 1297+00 | 1324+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 2 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 21 | 1297+00 | 1324+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 7 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 21 | 1305+57 | | I-70 | LT | WB WEST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 21 | 1310+17 | | I-70 | RT | EB EXIT 111 GREEN ASSEMBLY | EST. 258 | S.F. | TWO POST STRUCTURAL SIGN |
| 21 | 1312+94 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 21 | 1312+98 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 21 | 1314+52 | | I-70 | RT | EB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 21 | 1314+35 | | I-70 | RT | EB GORE EXIT SIGN | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 22 | 1324+00 | 1351+00 | I-70 | RT | 7' DELINEATOR POSTS | EST. 5 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 22 | 1324+00 | 1351+00 | I-70 | LT | 7' DELINEATOR POSTS | EST. 4 | EA. | SPACED BASED ON MODOT STANDARD PLANS |
| 22 | 1328+12 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 22 | 1328+15 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 22 | 1330+68 | | I-70 | LT | WB GORE EXIT SIGN | EST. 42 | S.F. | TWO POST STRUCTURAL SIGN |
| 22 | 1333+74 | | I-70 | LT | WB EXIT RAMP SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 22 | 1337+76 | | I-70 | LT | WB EXIT 111 GREEN ASSEMBLY | EST. 258 | S.F. | TWO POST STRUCTURAL SIGN |
| 22 | 1337+98 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 22 | 1338+14 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 22 | 1338+93 | | I-70 | C | NO U-TURN | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 22 | 1341+68 | | I-70 | RT | EB EAST I-70 ASSEMBLY | EST. 6 | S.F. | ONE POST SHEET SIGN |
| 22 | 1348+04 | | I-70 | RT | EB SPEED LIMIT | EST. 20 | S.F. | TWO POST SHEET SIGN |
| 22 | 1349+66 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 22 | 1349+71 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 23 | 1359+05 | | I-70 | RT | EB EXIT DISTANCE SIGN | EST. 45 | S.F. | TWO POST STRUCTURAL SIGN |
| 23 | 1359+47 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 23 | 1359+49 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 23 | 1370+27 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 23 | 1370+30 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1381+52 | | I-70 | RT | EB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1381+52 | | I-70 | LT | WB .4 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1386+80 | | I-70 | RT | EB WATCH FOR FOG SIGN | EST. 50 | S.F. | TWO POST STRUCTURAL SIGN |
| 24 | 1391+03 | | I-70 | RT | EB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1391+05 | | I-70 | LT | WB .6 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1396+67 | | I-70 | RT | EB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1396+71 | | I-70 | LT | WB .8 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1398+17 | | I-70 | LT | WB EXIT 111 MILE 1 ASSEMBLY | EST. 258 | S.F. | THREE POST STRUCTURAL SIGN |
| 24 | 1402+29 | | I-70 | RT | EB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 24 | 1402+40 | | I-70 | LT | WB .0 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 25 | 1412+38 | | I-70 | RT | EB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| 25 | 1412+50 | | I-70 | LT | WB .2 ERM SIGN | EST. 7.5 | S.F. | ONE POST SHEET SIGN |
| GUARDRAIL | | | | | | | | |
| 2 | 790+23.87 | 792+01.80 | I-70 | RT | MGS GUARDRAIL | 177.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 2 | 796+63.98 | 798+56.45 | I-70 | RT | MGS GUARDRAIL | 192.5 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 2-3 | 808+95.42 | 812+59.17 | I-70 | RT | MGS GUARDRAIL | 363.8 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 2-3 | 810+04.85 | 813+54.99 | I-70 | RT | MGS GUARDRAIL | 350.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 3-4 | 825+15.76 | 848+05.54 | I-70 | RT | MGS GUARDRAIL | 2289.8 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 5 | 869+78.54 | 871+90.44 | I-70 | RT | MGS GUARDRAIL | 211.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 5-6 | 879+61.99 | 893+99.93 | I-70 | RT | MGS GUARDRAIL | 1437.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 896+80.62 | 898+44.60 | I-70 | RT | MGS GUARDRAIL | 164.0 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 903+19.92 | 906+73.60 | I-70 | RT | MGS GUARDRAIL | 353.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 911+11.57 | 915+47.73 | I-70 | RT | MGS GUARDRAIL | 436.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 7 | 928+68.23 | 934+49.45 | I-70 | RT | MGS GUARDRAIL | 581.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 8 | 960+84.60 | 970+32.15 | I-70 | RT | MGS GUARDRAIL | 947.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 9-10 | 985+43.02 | 1012+42.21 | I-70 | RT | MGS GUARDRAIL | 2699.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 11 | 1031+24.00 | 1041+50.11 | I-70 | RT | MGS GUARDRAIL | 1026.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 11-12 | 1052+23.56 | 1056+98.82 | I-70 | RT | MGS GUARDRAIL | 475.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 11-12 | 1053+78.58 | 1056+09.25 | I-70 | RT | MGS GUARDRAIL | 230.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 13 | 1091+59.91 | 1102+85.19 | I-70 | RT | MGS GUARDRAIL | 1125.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 14 | 1122+14.17 | 1127+10.77 | I-70 | RT | MGS GUARDRAIL | 496.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 15 | 1141+10.20 | 1150+80.92 | I-70 | RT | MGS GUARDRAIL | 970.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 15 | 1155+34.92 | 1161+04.10 | I-70 | RT | MGS GUARDRAIL | 569.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 16 | 1176+97.18 | 1182+35.33 | I-70 | RT | MGS GUARDRAIL | 538.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |

SUMMARY OF QUANTITIES
SHEET 07 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| GUARDRAIL (CONT.) | | | | | | | | |
| 17 | 1193+66.68 | 1207+24.86 | I-70 | RT | MGS GUARDRAIL | 1358.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1220+63.18 | 1228+51.60 | I-70 | RT | MGS GUARDRAIL | 788.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1229+60.43 | 1233+28.01 | I-70 | RT | MGS GUARDRAIL | 367.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1230+52.23 | 1232+64.58 | I-70 | RT | MGS GUARDRAIL | 212.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 18-19 | 1236+36.54 | 1250+10.42 | I-70 | RT | MGS GUARDRAIL | 1373.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 19-20 | 1267+01.11 | 1276+95.01 | I-70 | RT | MGS GUARDRAIL | 993.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 20-21 | 1294+39.85 | 1298+14.75 | I-70 | RT | MGS GUARDRAIL | 374.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21 | 1304+27.63 | 1309+54.92 | I-70 | RT | MGS GUARDRAIL | 527.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21-22 | 1320+74.46 | 1324+26.45 | I-70 | RT | MGS GUARDRAIL | 352.0 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21 | 1321+39.48 | 1323+76.85 | I-70 | RT | MGS GUARDRAIL | 237.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 22 | 1338+27.72 | 1349+27.07 | I-70 | RT | MGS GUARDRAIL | 1099.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 23 | 1361+10.88 | 1365+61.98 | I-70 | RT | MGS GUARDRAIL | 451.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 24 | 1387+30.24 | 1393+82.47 | I-70 | RT | MGS GUARDRAIL | 652.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 24-25 | 1403+34.64 | 1408+08.26 | I-70 | RT | MGS GUARDRAIL | 473.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND BRIDGE TRANSITION SECTION |
| 25 | 1406+20.71 | 1408+11.00 | I-70 | RT | MGS GUARDRAIL | 190.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND BRIDGE TRANSITION SECTION |
| 25 | 1409+80.24 | 1425+00.00 | I-70 | RT | MGS GUARDRAIL | 1519.8 | LF | INCLUDES BRIDGE TRANSITION SECTION |
| 1-2 | 781+58.14 | 798+81.88 | I-70 | LT | MGS GUARDRAIL | 1723.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 3 | 812+85.45 | 816+37.10 | I-70 | LT | MGS GUARDRAIL | 351.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 3 | 813+84.78 | 815+97.04 | I-70 | LT | MGS GUARDRAIL | 212.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 3 | 825+79.88 | 836+17.74 | I-70 | LT | MGS GUARDRAIL | 1037.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 4 | 857+99.82 | 862+61.99 | I-70 | LT | MGS GUARDRAIL | 462.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 5 | 875+60.23 | 882+34.14 | I-70 | LT | MGS GUARDRAIL | 673.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 5-6 | 888+93.11 | 899+32.19 | I-70 | LT | MGS GUARDRAIL | 1039.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 905+87.68 | 909+41.08 | I-70 | LT | MGS GUARDRAIL | 353.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 905+96.87 | 908+19.13 | I-70 | LT | MGS GUARDRAIL | 222.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 6 | 912+31.21 | 916+39.29 | I-70 | LT | MGS GUARDRAIL | 408.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 7 | 928+71.59 | 938+20.87 | I-70 | LT | MGS GUARDRAIL | 949.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 8 | 950+19.77 | 971+26.32 | I-70 | LT | MGS GUARDRAIL | 2106.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 9-10 | 998+96.35 | 1017+72.65 | I-70 | LT | MGS GUARDRAIL | 1876.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 11 | 1033+30.94 | 1045+57.48 | I-70 | LT | MGS GUARDRAIL | 1226.5 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 12 | 1054+48.02 | 1059+23.35 | I-70 | LT | MGS GUARDRAIL | 475.3 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 12 | 1055+38.41 | 1057+63.13 | I-70 | LT | MGS GUARDRAIL | 224.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 13-14 | 1093+93.94 | 1110+10.07 | I-70 | LT | MGS GUARDRAIL | 1616.1 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 14 | 1124+86.25 | 1129+88.25 | I-70 | LT | MGS GUARDRAIL | 502.0 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 15-16 | 1157+31.38 | 1162+93.54 | I-70 | LT | MGS GUARDRAIL | 562.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 17 | 1195+65.61 | 1210+66.22 | I-70 | LT | MGS GUARDRAIL | 1500.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 17 | 1213+36.14 | 1215+49.82 | I-70 | LT | MGS GUARDRAIL | 213.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1223+14.67 | 1227+80.66 | I-70 | LT | MGS GUARDRAIL | 466.0 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1232+24.90 | 1235+76.12 | I-70 | LT | MGS GUARDRAIL | 351.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 18 | 1232+85.28 | 1234+55.67 | I-70 | LT | MGS GUARDRAIL | 170.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 18-19 | 1237+62.91 | 1249+87.14 | I-70 | LT | MGS GUARDRAIL | 1224.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 20 | 1270+60.83 | 1279+47.06 | I-70 | LT | MGS GUARDRAIL | 886.2 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21 | 1318+03.12 | 1321+67.95 | I-70 | LT | MGS GUARDRAIL | 364.8 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21-22 | 1323+09.31 | 1326+62.16 | I-70 | LT | MGS GUARDRAIL | 352.9 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 21-22 | 1323+57.44 | 1325+75.00 | I-70 | LT | MGS GUARDRAIL | 217.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND VERTICAL BARRIER TRANSITION SECTION |
| 22 | 1330+08.67 | 1335+30.65 | I-70 | LT | MGS GUARDRAIL | 522.0 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 22 | 1339+06.85 | 1348+56.50 | I-70 | LT | MGS GUARDRAIL | 949.7 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 23 | 1363+26.61 | 1367+51.11 | I-70 | LT | MGS GUARDRAIL | 424.5 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 23-24 | 1376+44.97 | 1379+68.58 | I-70 | LT | MGS GUARDRAIL | 323.6 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND MGS END ANCHOR |
| 24-25 | 1399+78.69 | 1407+94.11 | I-70 | LT | MGS GUARDRAIL | 815.4 | LF | INCLUDES TYPE A CRASHWORTHY END TERMINAL(MASH) AND BRIDGE TRANSITION SECTION |
| 25 | 1409+71.50 | 1425+00.00 | I-70 | LT | MGS GUARDRAIL | 1528.5 | LF | INCLUDES BRIDGE TRANSITION SECTION |
| 2-3 | 788+23.19 | 811+74.41 | I-70 | CT | HIGH-TENSION GUARD CABLE | 2351.2 | LF | |
| 3-4 | 814+83.70 | 841+69.56 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2686.3 | LF | |
| 4 | 841+69.56 | 855+13.76 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1344.5 | LF | |
| 4-5 | 854+64.24 | 867+76.21 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1312.7 | LF | |
| 5 | 867+76.21 | 875+17.66 | I-70 | CL | HIGH-TENSION GUARD CABLE | 741.8 | LF | |
| 5-6 | 874+65.88 | 895+17.78 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2052.5 | LF | |
| 6 | 894+66.30 | 904+80.73 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1015.1 | LF | |
| 6-7 | 907+77.54 | 928+61.47 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2083.9 | LF | |
| 7 | 929+35.90 | 931+00.23 | I-70 | CL | HIGH-TENSION GUARD CABLE | 164.4 | LF | |
| 7-8 | 931+00.23 | 956+74.01 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2574.1 | LF | |
| 8 | 956+74.01 | 969+24.10 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1250.1 | LF | |
| 8-9 | 968+74.70 | 982+82.44 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1407.8 | LF | |
| 9 | 982+82.44 | 989+56.56 | I-70 | CL | HIGH-TENSION GUARD CABLE | 674.2 | LF | |
| 9-11 | 989+06.94 | 1042+23.26 | I-70 | CL | HIGH-TENSION GUARD CABLE | 5316.5 | LF | |
| 11-12 | 1043+03.18 | 1054+01.88 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1096.9 | LF | |
| 12 | 1057+51.98 | 1075+92.07 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1840.3 | LF | |
| 12-13 | 1076+52.44 | 1096+79.35 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2028.1 | LF | |
| 13 | 1096+26.59 | 1100+71.95 | I-70 | CL | HIGH-TENSION GUARD CABLE | 445.4 | LF | |
| 13-14 | 1100+81.10 | 1115+39.52 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1458.8 | LF | |
| 14 | 1115+39.52 | 1116+78.52 | I-70 | CL | HIGH-TENSION GUARD CABLE | 139.1 | LF | |
| 14 | 1116+29.04 | 1128+73.12 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1244.4 | LF | |
| 14-15 | 1128+73.12 | 1136+83.36 | I-70 | CL | HIGH-TENSION GUARD CABLE | 810.3 | LF | |
| 15 | 1136+31.46 | 1142+19.74 | I-70 | CL | HIGH-TENSION GUARD CABLE | 588.5 | LF | |
| 15 | 1142+19.74 | 1156+52.86 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1433.8 | LF | |
| 15-16 | 1156+48.25 | 1179+91.87 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2043.6 | LF | |

SUMMARY OF QUANTITIES
SHEET 08 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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## JST0017B REMOVAL OF IMPROVEMENTS

| PLAN SHEET | STA. | STA. | ROUTE | OFFSET | DESCRIPTION | QUANTITY | UNITS | REMARKS |
|---|---|---|---|---|---|---|---|---|
| GUARDRAIL (CONT.) | | | | | | | | |
| 16-17 | 1176+40.33 | 1196+94.92 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2054.7 | LF | |
| 17 | 1196+43.09 | 1215+89.88 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1946.9 | LF | |
| 18 | 1216+52.29 | 1231+28.46 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1476.4 | LF | |
| 18-19 | 1234+23.07 | 1260+72.88 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2650.1 | LF | |
| 19-20 | 1260+72.88 | 1274+38.88 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1366.0 | LF | |
| 20 | 1273+91.81 | 1285+22.25 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1130.8 | LF | |
| 20 | 1284+72.55 | 1295+83.31 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1111.5 | LF | |
| 20-21 | 1296+45.52 | 1306+93.93 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1048.8 | LF | |
| 21 | 1306+93.93 | 1322+18.69 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1525.0 | LF | |
| 22 | 1325+15.71 | 1338+43.56 | I-70 | CL | HIGH-TENSION GUARD CABLE | 1328.4 | LF | |
| 22-23 | 1338+98.36 | 1359+29.64 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2032.0 | LF | |
| 23-24 | 1358+76.70 | 1379+14.63 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2038.0 | LF | |
| 24 | 1378+62.58 | 1399+21.07 | I-70 | CL | HIGH-TENSION GUARD CABLE | 2058.7 | LF | |
| 24-25 | 1398+68.51 | 1407+88.48 | I-70 | CL | HIGH-TENSION GUARD CABLE | 920.6 | LF | |
| | | | | | TOTAL: | 1 LUMP SUM | | |

## MEDIAN GUARD CABLE

| SHEET | STA. | STA. | ROUTE | OFFSET | MEIDAN GUARD CABLE 3-STRAND (L.F.) | ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND (EA.) | REMARKS |
|---|---|---|---|---|---|---|---|
| 6 | 784+89.38 | 786+89.38 | I-70 | CT / RT | 200 | 1 | |
| | | | | TOTAL: | 200 | 1 | |

## DRAINAGE PAVEMENT REPAIR

| STA. | ROUTE | SIDE | PAVEMENT AREA SY | CONCRETE PAVEMENT (10 IN. NON-REINFORCED) SY | ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125BSM MIX) TONS | REMARKS |
|---|---|---|---|---|---|---|
| 797+95 | I-70 | RT | 68 | 68.0 | 7.4 | Route 5 Ramp 2 |
| 897+85 | I-70 | RT | 55 | 55.0 | 6.0 | Route B Ramp 1 |
| 897+85 | I-70 | LT | 44 | 44.0 | 4.8 | Route B Ramp 2 |
| 912+85 | I-70 | LT | 75 | 75.0 | 8.2 | Route B Ramp 3 |
| 952+33 | I-70 | LT | 51 | 51.0 | 5.6 | Rest Area Ramp 3 |
| 1318+75 | I-70 | RT | 139 | 139.0 | 15.2 | Route 179 Ramp 2 |
| | | | | | | |
| | | | TOTAL: | 432.0 | 47.2 | |

NOTES:
1) PAVEMENT EDGE DROP-OFF TREATMENT SHALL BE INCIDENTAL TO PAVING OPERATIONS.
2) PAYMENT FOR DRAINAGE PAVEMENT REPAIR SHALL INCLUDE DOWEL BARS TO TIE INTO EXISTING CONCRETE PAVEMENT, IF PRESENT.

## MOT TEMPORARY PAVEMENT

| SHEET | STA. | STA. | ROUTE | BITUMINOUS PAVEMENT MIXTURE: ASPHALT PAVEMENT (SY) | BITUMINOUS PAVEMENT MIXTURE: PG 64-22 BASE (6.25") (Tons) | BITUMINOUS PAVEMENT MIXTURE: PG 64-22 BP-1 (1.75") (Tons) | COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3" THICK (SY) | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 106-107 | 807+30 | 819+10 | I-70 EB | 1,302.6 | 453.4 | 125.8 | 1,302.6 | |
| 106-107 | 807+30 | 819+10 | I-70 WB | 1,311.1 | 456.4 | 126.6 | 1,311.1 | |
| 108 | 900+30 | 912+30 | I-70 EB | 1,309.1 | 455.7 | 126.4 | 1,309.1 | |
| 108 | 900+50 | 912+10 | I-70 WB | 1,288.6 | 448.5 | 124.5 | 1,288.6 | |
| 111 | 1049+20 | 1061+70 | I-70 WB | 1,376.3 | 479.1 | 132.9 | 1,376.3 | |
| 111 | 1050+80 | 1061+10 | I-70 EB | 1,123.8 | 391.2 | 108.5 | 1,123.8 | |
| 114 | 1226+70 | 1238+80 | I-70 EB | 1,347.2 | 468.9 | 130.1 | 1,347.2 | |
| 114 | 1226+80 | 1238+70 | I-70 WB | 1,316.2 | 458.2 | 127.1 | 1,316.2 | |
| 116 | 1317+60 | 1329+70 | I-70 EB | 1,388.5 | 483.3 | 134.1 | 1,388.5 | |
| 116 | 1317+80 | 1329+50 | I-70 WB | 1,296.5 | 451.3 | 125.2 | 1,296.5 | |
| | | | TOTAL | 13,059.9 | 4,546.0 | 1,261.2 | 13,059.9 | |

NOTES:
1) PAVEMENT EDGE DROP-OFF TREATMENT SHALL BE INCIDENTAL TO PAVING OPERATIONS.

## SEEDING AND MULCHING

| BEGIN STA. | END STA. | ROUTE | LOCATION | SEEDING COOL SEASON GRASSES (ACRE) | TEMPORARY SEEDING (ACRE) | MULCHING (ACRE) |
|---|---|---|---|---|---|---|
| 784+00.00 | 811+00.00 | I-70 | LT / RT | 1.6 | 1.6 | 3.2 |
| 811+00.00 | 838+00.00 | I-70 | LT / RT | 1.7 | 1.7 | 3.4 |
| 838+00.00 | 865+00.00 | I-70 | LT / RT | 1.4 | 1.4 | 2.8 |
| 865+00.00 | 892+00.00 | I-70 | LT / RT | 1.1 | 1.1 | 2.2 |
| 892+00.00 | 919+00.00 | I-70 | LT / RT | 2.0 | 2.0 | 4.0 |
| 919+00.00 | 946+00.00 | I-70 | LT / RT | 1.9 | 1.9 | 3.8 |
| 946+00.00 | 973+00.00 | I-70 | LT / RT | 1.3 | 1.3 | 2.6 |
| 973+00.00 | 1000+00.00 | I-70 | LT / RT | 3.7 | 3.7 | 7.4 |
| 1000+00.00 | 1027+00.00 | I-70 | LT / RT | 2.5 | 2.5 | 5.0 |
| 1027+00.00 | 1054+00.00 | I-70 | LT / RT | 2.4 | 2.4 | 4.8 |
| 1054+00.00 | 1081+00.00 | I-70 | LT / RT | 3.4 | 3.4 | 6.8 |
| 1081+00.00 | 1108+00.00 | I-70 | LT / RT | 2.2 | 2.2 | 4.4 |
| 1108+00.00 | 1135+00.00 | I-70 | LT / RT | 2.0 | 2.0 | 4.0 |
| 1135+00.00 | 1162+00.00 | I-70 | LT / RT | 0.6 | 0.6 | 1.2 |
| 1162+00.00 | 1189+00.00 | I-70 | LT / RT | 1.1 | 1.1 | 2.2 |
| 1189+00.00 | 1216+00.00 | I-70 | LT / RT | 2.0 | 2.0 | 4.0 |
| 1216+00.00 | 1243+00.00 | I-70 | LT / RT | 1.2 | 1.2 | 2.4 |
| 1243+00.00 | 1270+00.00 | I-70 | LT / RT | 0.2 | 0.2 | 0.4 |
| 1270+00.00 | 1297+00.00 | I-70 | LT / RT | 0.9 | 0.9 | 1.8 |
| 1297+00.00 | 1324+00.00 | I-70 | LT / RT | 2.2 | 2.2 | 4.4 |
| 1324+00.00 | 1351+00.00 | I-70 | LT / RT | 2.0 | 2.0 | 4.0 |
| 1351+00.00 | 1378+00.00 | I-70 | LT / RT | 1.8 | 1.8 | 3.6 |
| 1378+00.00 | 1405+00.00 | I-70 | LT / RT | 2.1 | 2.1 | 4.2 |
| 1405+00.00 | 1425+00.00 | I-70 | LT / RT | 0.1 | 0.1 | 0.2 |
| | | | TOTAL: | 41.4 | 41.4 | 82.8 |

ASPHALT ESTIMATING FACTORS:
1) PG 64-22 SP250C - 2.036 TONS/CY COMPACTED
2) PG 64-22 SP125C - 1.970 TONS/CY COMPACTED
3) PG 64-22 BASE - 1.970 TONS/CY COMPACTED
4) PG 64-22 BP-1 - 1.970 TONS/CY COMPACTED
5) PG 76-22 SP125B - 1.970 TONS/CY COMPACTED
6) PG 76-22 SP125BSM - 1.970 TONS/CY COMPACTED

## EARTHWORK

| ROADWAY | TOTAL CUT (CY.) | EARTH CUT (CY.) | ROCK CUT (CY.) | FILL (CY.) | UNCLASSIFIED EXCAVATION (CY.) | EMBANKMENT IN PLACE (CY.) | COMPACTING EMBANKMENT (CY.) | COMPACTING IN CUT (STA) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| I-70 SEG 01 STA. 784+89.38 TO STA. 875+00 | 57,184.5 | 26,416.7 | 30,767.8 | 9,891.5 | 26,417 | 0 | 9,892 | 90.0 | |
| I-70 SEG 02 STA. 875+00 TO STA.980+00 | 76,594.6 | 39,076.0 | 37,518.6 | 11,753.4 | 39,076 | 0 | 11754 | 100.0 | |
| I-70 SEG 03 STA. 980+00 TO STA.1085+00 | 82,424.1 | 45,904.8 | 36,519.3 | 11,415.7 | 45,905 | 0 | 11416 | 105.0 | |
| I-70 SEG 04 STA.1085+00 TO STA.1190+00 | 60,584.0 | 26,035.9 | 34,548.1 | 10,737.6 | 26,036 | 0 | 10738 | 98.0 | |
| I-70 SEG 05 STA.1190+00 TO STA.1265+00 | 47,452.1 | 22,956.5 | 24,495.6 | 4,586.5 | 22,957 | 0 | 4587 | 75.0 | |
| I-70 SEG 06 STA.1265+00 TO STA.1350+00 | 75,053.9 | 44,192.9 | 30,861.0 | 4,649.9 | 44,193 | 0 | 4650 | 85.0 | |
| I-70 SEG 07 STA.1350+00 TO STA.1420+90 | 52,204.0 | 27,358.2 | 24,845.8 | 5,631.5 | 27,359 | 0 | 5632 | 69.0 | |
| | | | | TOTAL: | 231,943 | 0 | 58,669 | 622.0 | |

ASSUMED 15" THICKNESS FOR EXISTING MAINLINE & RAMP PAVEMENTS FOR ROCK CUT
ASSUMED 12" THICKNESS FOR EXISTING SHOULDER PAVEMENTS FOR ROCK CUT

SUMMARY OF QUANTITIES
SHEET 09 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

c:\bmcd_lib\pw_connect\trn\d0192954\003_QU_JST0017B_11_Quantities_BMcD.dgn 11:03:45 AM 10/27/2025

## HIGHWAY LIGHTING

| SHEET | STA. | OFFSET | ROUTE | LIGHTING POLE 40 FT., TYPE AT DESIGN 3 (EACH) | LIGHTING POLE 45 FT., TYPE AT DESIGN 3 (EACH) | POLE FOUNDATION (45 FT. MOUNTING HEIGHT) (EACH) | BRACKET ARM 15 FT. (EACH) | LUMINAIRE LED-B (EACH) | CABLE, 10 AWG 1 CONDUCTOR POLE AND BRACKET (LF) |
|---|---|---|---|---|---|---|---|---|---|
| 251 | 793+91 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 251 | 795+78 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 251 | 828+25 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 251 | 830+65 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 252 | 886+73 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 252 | 894+15 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 252 | 917+73 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 252 | 922+13 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 253 | 938+45 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 253 | 945+65 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 253 | 955+91 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 254 | 976+71 | 66' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 255 | 1037+37 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 255 | 1043+76 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 255 | 1065+23 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 255 | 1072+44 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 256 | 1306+61 | 71' LT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 256 | 1312+91 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| 257 | 1334+35 | 71' LT | I-70 | 1 | | 1 | 1 | 1 | 130 |
| 257 | 1340+08 | 71' RT | I-70 | | 1 | 1 | 1 | 1 | 130 |
| | | | TOTAL: | 1 | 19 | 20 | 20 | 20 | 2,600 |

NOTE: POLE FOUNDATION (45 FT. MOUNTING HEIGHT) SHALL ALSO BE USED FOR LIGHTING POLE 40 FT.

## PULL BOXES

| SHEET | STA. | OFFSET | ROUTE | PULLBOX CONCRETE STANDARD (EACH) |
|---|---|---|---|---|
| 251 | 796+61 | 68' LT | I-70 | 1 |
| 251 | 793+28 | 68' RT | I-70 | 1 |
| 251 | 827+60 | 68' RT | I-70 | 1 |
| 251 | 828+49 | 69' LT | I-70 | 1 |
| 252 | 888+69 | 68' LT | I-70 | 1 |
| 252 | 894+81 | 73' RT | I-70 | 1 |
| 252 | 915+82 | 76' LT | I-70 | 1 |
| 252 | 920+99 | 68' RT | I-70 | 1 |
| 253 | 941+82 | 174' LT | I-70 | 1 |
| 253 | 949+45 | 171' LT | I-70 | 1 |
| 253 | 950+42 | 176' RT | I-70 | 1 |
| 254 | 961+10 | 168' RT | I-70 | 1 |
| 255 | 1040+64 | 68' LT | I-70 | 1 |
| 255 | 1044+81 | 75' RT | I-70 | 1 |
| 255 | 1064+04 | 76' LT | I-70 | 1 |
| 255 | 1069+26 | 68' RT | I-70 | 1 |
| 256 | 1321+97 | 229' LT | I-70 | 1 |
| 256 | 1323+69 | 221' LT | I-70 | 1 |
| 256 | 1324+10 | 227' RT | I-70 | 1 |
| 256 | 1325+47 | 225' RT | I-70 | 1 |
| | | | TOTAL: | 20 |

## POWER SUPPLY AND BASE MOUNTED CONTROL STATION

| SHEET | STA. | OFFSET | ROUTE | BASE CONCRETE (CU. YD.) | POWER SUPPLY ASSEMBLY TYPE 1 240/120 VOLT SERVICE LIGHTING ONLY (EACH) | BASE MOUNTED CONTROL STATION 240 VOLT-4 CIRCUIT (EACH) |
|---|---|---|---|---|---|---|
| 258 | 1321+82 | 244' LT | I-70 | 0.4 | 1 | 1 |
| 258 | 1324+00 | 242' RT | I-70 | 0.4 | 1 | 1 |
| | | | TOTAL: | 0.8 | 2 | 2 |

## CABLE AND CONDUIT

| SHEET | ROUTE | STA. | TO | STA. | CTR. TO CTR. | CABLE 2 AWG 1 CONDUCTOR (LF) | WIRE 2 AWG 1 CONDUCTOR BARE NEUTRAL (LF) | CABLE CONDUIT 1 IN., 2 CONDUCTORS & 1 BARE NEUTRAL, 8 AWG (LF) | CONDUIT 3 IN. RIGID IN TRENCH (LF) | CONDUIT 3 IN. RIGID PUSHED (LF) | TRENCHING TYPE I (LF) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 251 | I-70 | 793+28 | TO | 793+91 | 63' | | | 78' | | | 63' |
| 251 | I-70 | 795+78 | TO | 796+61 | 83' | | | 99' | | | 83' |
| 251 | I-70 | 828+25 | TO | 828+49 | 24' | | | 37' | | | 24' |
| 251 | I-70 | 827+60 | TO | 830+65 | 305' | | | 332' | | | 305' |
| 252 | I-70 | 886+73 | TO | 888+69 | 196' | | | 217' | | | 196' |
| 252 | I-70 | 894+15 | TO | 894+81 | 66' | | | 81' | | | 66' |
| 252 | I-70 | 915+82 | TO | 917+73 | 191' | | | 212' | | | 191' |
| 252 | I-70 | 920+99 | TO | 922+13 | 114' | | | 131' | | | 114' |
| 253 | I-70 | 938+45 | TO | 941+82 | 337' | | | 365' | | | 337' |
| 253 | I-70 | 945+65 | TO | 950+42 | 477' | | | 512' | | | 477' |
| 253 | I-70 | 949+45 | TO | 955+91 | 646' | | | 690' | | | 646' |
| 253 | I-70 | EXIST. | TO | 941+82 | 295' | | | 321' | | 321' | |
| 253 | I-70 | EXIST. | TO | 949+45 | 175' | | | 195' | | 195' | |
| 253 | I-70 | EXIST. | TO | 950+42 | 125' | | | 143' | | 143' | |
| 254 | I-70 | EXIST. | TO | 961+10 | 275' | | | 300' | | 300' | |
| 254 | I-70 | 961+10 | TO | 976+71 | 1600' | | | 1692' | | | 1600' |
| 255 | I-70 | 1037+37 | TO | 1040+64 | 327' | | | 355' | | | 327' |
| 255 | I-70 | 1043+76 | TO | 1044+81 | 105' | | | 122' | | | 105' |
| 255 | I-70 | 1064+04 | TO | 1065+23 | 119' | | | 137' | | | 119' |
| 255 | I-70 | 1069+26 | TO | 1072+44 | 318' | | | 345' | | | 318' |
| 256 | I-70 | 1306+61 | TO | 1321+97 | 1550' | | | 1639' | | | 1550' |
| 256 | I-70 | 1312+91 | TO | 1324+10 | 1130' | | | 1198' | | | 1130' |
| 256 | I-70 | 1321+97 | TO | 1323+69 | 172' | | | 192' | | 190' | |
| 256 | I-70 | 1324+10 | TO | 1325+47 | 137' | | | 155' | | 153' | |
| 256 | I-70 | 1323+69 | TO | 1334+35 | 1075' | | | 1140' | | | 1075' |
| 256 | I-70 | 1325+47 | TO | 1340+08 | 1475' | | | 1560' | | | 1475' |
| 258 | I-70 | POWER SOURCE | TO | CONTROLLER | 10' | 36' | 18' | | 18' | | |
| 258 | I-70 | POWER SOURCE | TO | CONTROLLER | 10' | 36' | 18' | | 18' | | |
| 258 | I-70 | CONTROLLER | TO | 1323+69 | 425' | | | 458' | | | 425' |
| 258 | I-70 | CONTROLLER | TO | 1324+10 | 255' | | | 279' | | | 255' |
| | | | | | TOTAL: | 70' | 40' | 12980' | 36' | 1302' | 10881' |

SUMMARY OF QUANTITIES
SHEET 10 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

## TEMPORARY EROSION CONTROL

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 784+89.39 | 796+48.87 | I-70 | LT | PRE-CONSTRUCTION | 1160 | | | | | | 11.6 |
| 784+89.39 | 784+89.39 | I-70 | RT | PRE-CONSTRUCTION | 1271 | | | | | | 12.7 |
| 796+59.87 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 797+25.97 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 797+96.99 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 798+09.52 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 801+28.06 | 803+65.40 | I-70 | LT | PRE-CONSTRUCTION | 238 | | | | | | 2.4 |
| 805+96.82 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 806+44.59 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 820+44.78 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 821+61.74 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 821+69.25 | 849+00.00 | I-70 | RT | PRE-CONSTRUCTION | 2738 | | | | | | 27.4 |
| 823+22.63 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 823+72.94 | 841+50.00 | I-70 | LT | PRE-CONSTRUCTION | 1783 | | | | | | 17.8 |
| 824+42.83 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 826+93.41 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 842+93.41 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 855+93.11 | 862+15.66 | I-70 | LT | PRE-CONSTRUCTION | 623 | | | | | | 6.2 |
| 855+95.24 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 858+18.14 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 858+19.69 | 889+75.97 | I-70 | RT | PRE-CONSTRUCTION | 3182 | | | | | | 31.8 |
| 861+40.57 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 867+73.56 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 867+85.12 | 878+95.18 | I-70 | LT | PRE-CONSTRUCTION | 1121 | | | | | | 11.2 |
| 879+35.33 | 883+09.79 | I-70 | LT | PRE-CONSTRUCTION | 380 | | | | | | 3.8 |
| 881+35.89 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 883+21.01 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 887+80.00 | 889+57.81 | I-70 | LT | PRE-CONSTRUCTION | 183 | | | | | | 1.8 |
| 889+83.60 | 896+86.06 | I-70 | LT | PRE-CONSTRUCTION | 710 | | | | | | 7.1 |
| 890+20.07 | 897+51.56 | I-70 | RT | PRE-CONSTRUCTION | 739 | | | | | | 7.4 |
| 897+84.15 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 897+84.15 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 897+84.15 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 898+15.19 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 898+25.10 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 911+51.89 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 911+88.30 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 912+03.32 | 916+84.69 | I-70 | RT | PRE-CONSTRUCTION | 484 | | | | | | 4.8 |
| 912+50.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 912+82.76 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 913+30.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 913+63.80 | 916+01.63 | I-70 | LT | PRE-CONSTRUCTION | 239 | | | | | | 2.4 |
| 926+99.71 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 927+00.00 | 930+39.16 | I-70 | LT | PRE-CONSTRUCTION | 345 | | | | | | 3.5 |
| 928+63.13 | 935+88.83 | I-70 | RT | PRE-CONSTRUCTION | 738 | | | | | | 7.4 |
| 928+31.13 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 928+82.16 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 930+63.06 | 936+80.00 | I-70 | LT | PRE-CONSTRUCTION | 634 | | | | | | 6.3 |
| 940+36.53 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 948+06.07 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 948+21.40 | 948+98.85 | I-70 | RT | PRE-CONSTRUCTION | 79 | | | | | | 0.8 |
| 949+80.14 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 952+07.02 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 952+32.44 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 952+56.12 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 953+27.59 | 967+49.95 | I-70 | LT | PRE-CONSTRUCTION | 1440 | | | | | | 14.4 |
| 960+01.55 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 960+37.99 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 961+51.09 | 969+52.33 | I-70 | RT | PRE-CONSTRUCTION | 815 | | | | | | 8.2 |
| 967+50.99 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 969+59.34 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 969+79.44 | 970+22.60 | I-70 | RT | PRE-CONSTRUCTION | 45 | | | | | | 0.5 |
| 970+29.93 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 970+37.72 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 970+93.16 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 987+01.82 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 987+10.29 | 987+53.75 | I-70 | LT | PRE-CONSTRUCTION | 44 | | | | | | 0.4 |
| 987+21.76 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 987+30.82 | | I-70 | RT | PRE-CONSTRUCTION | 2914 | | | | | | 29.1 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES
SHEET 11 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

## TEMPORARY EROSION CONTROL (CONT.)

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 987+63.24 | 989+30.00 | I-70 | LT | PRE-CONSTRUCTION | 170 | | | | | | 1.7 |
| 987+77.22 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 991+98.51 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 992+07.27 | 1014+30.26 | I-70 | LT | PRE-CONSTRUCTION | 2256 | | | | | | 22.6 |
| 1006+76.43 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1014+30.36 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1016+45.15 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1021+80.00 | 1022+71.71 | I-70 | RT | PRE-CONSTRUCTION | 94 | | | | | | 0.9 |
| 1022+75.68 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1022+79.50 | 1022+98.28 | I-70 | RT | PRE-CONSTRUCTION | 19 | | | | | | 0.2 |
| 1023+26.93 | 1023.46.01 | I-70 | RT | PRE-CONSTRUCTION | 23 | | | | | | 0.2 |
| 1023+27.77 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1023+47.66 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1023+57.01 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1031+87.32 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1031+94.82 | 1047+34.68 | I-70 | RT | PRE-CONSTRUCTION | 1556 | | | | | | 15.6 |
| 1032+38.54 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1032+40.00 | 1037+07.76 | I-70 | LT | PRE-CONSTRUCTION | 501 | | | | | | 5.0 |
| 1037+24.75 | 1047+84.19 | I-70 | LT | PRE-CONSTRUCTION | 1077 | | | | | | 10.8 |
| 1042+74.80 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1047+74.22 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1047+74.22 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1048+02.07 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1048+13.35 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1060+56.09 | 1062+05.57 | I-70 | LT | PRE-CONSTRUCTION | 153 | | | | | | 1.5 |
| 1060+90.93 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1062+10.78 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1062+48.01 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1069+19.95 | 1074+93.71 | I-70 | LT | PRE-CONSTRUCTION | 576 | | | | | | 5.8 |
| 1071+19.08 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1071+30.11 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1074+92.85 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1091+50.25 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1091+52.22 | 1100+96.85 | I-70 | RT | PRE-CONSTRUCTION | 962 | | | | | | 9.6 |
| 1091+61.26 | | I-70 | | PRE-CONSTRUCTION | | | | | | | 0.0 |
| 1091+70.11 | 1101+89.84 | I-70 | LT | PRE-CONSTRUCTION | 1049 | | | | | | 10.5 |
| 1100+09.15 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1101+43.72 | 1105+91.02 | I-70 | RT | PRE-CONSTRUCTION | 452 | | | | | | 4.5 |
| 1102+06.99 | 1111+50.00 | I-70 | LT | PRE-CONSTRUCTION | 955 | | | | | | 9.6 |
| 1111+49.61 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1116+20.00 | 1117+87.61 | I-70 | RT | PRE-CONSTRUCTION | 173 | | | | | | 1.7 |
| 1117+79.33 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1118+02.33 | 1119+00.00 | I-70 | RT | PRE-CONSTRUCTION | 101 | | | | | | 1.0 |
| 1118+09.13 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1118+21.93 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1119+02.51 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1123+13.46 | 1129+09.99 | I-70 | RT | PRE-CONSTRUCTION | 602 | | | | | | 6.0 |
| 1123+80.20 | 1129+92.87 | I-70 | LT | PRE-CONSTRUCTION | 673 | | | | | | 6.7 |
| 1129+17.66 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1136+40.27 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1137+03.34 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1137+14.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1138+71.10 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1142+99.54 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1142+99.97 | 1152+24.06 | I-70 | RT | PRE-CONSTRUCTION | 925 | | | | | | 9.3 |
| 1143+51.74 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1143+59.60 | 1152+04.12 | I-70 | LT | PRE-CONSTRUCTION | 858 | | | | | | 8.6 |
| 1151+63.02 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1156+00.30 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1156+01.48 | 1162+93.54 | I-70 | LT | PRE-CONSTRUCTION | 693 | | | | | | 6.9 |
| 1156+99.97 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1156+99.97 | 1163+00.00 | I-70 | RT | PRE-CONSTRUCTION | 608 | | | | | | 6.1 |
| 1159+65.63 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1162+93.61 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1162+99.97 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1177+74.38 | 1183+69.79 | I-70 | LT | PRE-CONSTRUCTION | 600 | | | | | | 6.0 |
| 1177+75.14 | 1184+40.00 | I-70 | RT | PRE-CONSTRUCTION | 673 | | | | | | 6.7 |
| 1180+11.89 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1183+80.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/27/2025

ROUTE I-70 | STATE MO

DISTRICT CD | SHEET NO. 3

COUNTY COOPER

JOB NO. JST0017B

CONTRACT ID. -

PROJECT NO. -

BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## TEMPORARY EROSION CONTROL (CONT.)

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1184+50.51 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1193+00.32 | 1211+61.38 | I-70 | LT | PRE-CONSTRUCTION | 1865 | | | | | | 18.7 |
| 1193+19.99 | 1207+27.29 | I-70 | RT | PRE-CONSTRUCTION | 1421 | | | | | | 14.2 |
| 1194+65.21 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1207+28.97 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1209+04.99 | 1214+20.70 | I-70 | RT | PRE-CONSTRUCTION | 517 | | | | | | 5.2 |
| 1211+69.20 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1214+29.74 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1220+20.06 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1220+23.63 | 1229+98.82 | I-70 | LT | PRE-CONSTRUCTION | 989 | | | | | | 9.9 |
| 1220+63.30 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1220+89.99 | 1229+90.44 | I-70 | RT | PRE-CONSTRUCTION | 900 | | | | | | 9.0 |
| 1229+47.96 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1229+99.71 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1231+40.99 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1235+68.20 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1235+79.99 | 1251+81.86 | I-70 | RT | PRE-CONSTRUCTION | 1702 | | | | | | 17.0 |
| 1235+99.77 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1236+00.77 | 1250+25.28 | I-70 | RT | PRE-CONSTRUCTION | 1425 | | | | | | 14.3 |
| 1248+77.26 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1251+89.96 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1256+93.27 | 1260+18.29 | I-70 | RT | PRE-CONSTRUCTION | 325 | | | | | | 3.3 |
| 1258+43.23 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1258+43.23 | 1260+68.23 | I-70 | LT | PRE-CONSTRUCTION | 225 | | | | | | 2.3 |
| 1260+18.29 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1260+67.41 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1258+83.03 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1268+78.54 | 1284+95.46 | I-70 | LT | PRE-CONSTRUCTION | 1663 | | | | | | 16.6 |
| 1268+78.60 | 1279+09.35 | I-70 | RT | PRE-CONSTRUCTION | 1031 | | | | | | 10.3 |
| 1278+59.08 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1279+11.69 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1284+95.04 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1295+23.40 | 1298+39.17 | I-70 | RT | PRE-CONSTRUCTION | 316 | | | | | | 3.2 |
| 1296+33.59 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1296+83.82 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1297+09.96 | 1299+53.38 | I-70 | LT | PRE-CONSTRUCTION | 249 | | | | | | 2.5 |
| 1298+40.09 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1299+63.58 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1304+97.77 | 1310+25.00 | I-70 | RT | PRE-CONSTRUCTION | 531 | | | | | | 5.3 |
| 1307+92.51 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1307+93.21 | | I-70 | | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1307+99.95 | 1309+37.62 | I-70 | LT | PRE-CONSTRUCTION | 147 | | | | | | 1.5 |
| 1309+50.26 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1317+10.73 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1318+53.14 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1318+95.17 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1318+99.42 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1319+13.03 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1326+77.39 | 1334+74.05 | I-70 | LT | PRE-CONSTRUCTION | 804 | | | | | | 8.0 |
| 1328+85.31 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1329+94.14 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1330+11.66 | 1330+89.11 | I-70 | RT | PRE-CONSTRUCTION | 79 | | | | | | 0.8 |
| 1330+38.51 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1330+56.76 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1330+56.76 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1332+28.68 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1332+49.58 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1334+81.55 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1337+57.56 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1337+60.93 | 1347+87.82 | I-70 | LT | PRE-CONSTRUCTION | 1027 | | | | | | 10.3 |
| 1337+69.17 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1337+80.00 | 1351+00.32 | I-70 | RT | PRE-CONSTRUCTION | 1321 | | | | | | 13.2 |
| 1338+56.01 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1347+99.79 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1350+54.41 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1351+00.32 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1356+10.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1361+11.28 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1361+13.40 | 1366+69.99 | I-70 | RT | PRE-CONSTRUCTION | 557 | | | | | | 5.6 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

## TEMPORARY EROSION CONTROL (CONT.)

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1362+12.17 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1362+20.78 | | I-70 | LT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1362+22.76 | 1367+46.94 | I-70 | LT | PRE-CONSTRUCTION | 525 | | | | | | 5.3 |
| 1366+10.71 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1366+79.13 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1373+85.10 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1373+94.53 | 1379+73.03 | I-70 | LT | PRE-CONSTRUCTION | 581 | | | | | | 5.8 |
| 1375+11.91 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1375+20.00 | 1378+49.95 | I-70 | RT | PRE-CONSTRUCTION | 349 | | | | | | 3.5 |
| 1378+56.90 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1379+80.06 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1383+83.39 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1383+90.00 | 1384.14.71 | I-70 | RT | PRE-CONSTRUCTION | 31 | | | | | | 0.3 |
| 1384+22.06 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1384+23.96 | 1384+60.00 | I-70 | RT | PRE-CONSTRUCTION | 42 | | | | | | 0.4 |
| 1384+68.98 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1388+99.14 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1389+09.97 | 1394+00.28 | I-70 | RT | PRE-CONSTRUCTION | 543 | | | | | | 5.4 |
| 1389+99.84 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1390+06.28 | 1393+51.78 | I-70 | LT | PRE-CONSTRUCTION | 339 | | | | | | 3.4 |
| 1392+51.62 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1393+70.00 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1398+19.83 | | I-70 | LT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1398+22.50 | 1408+09.78 | I-70 | LT | PRE-CONSTRUCTION | 1011 | | | | | | 10.1 |
| 1399+95.32 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1399+95.32 | 1401+85.60 | I-70 | LT | PRE-CONSTRUCTION | 191 | | | | | | 1.9 |
| 1401+98.17 | 1402+47.35 | I-70 | RT | PRE-CONSTRUCTION | 50 | | | | | | 0.5 |
| 1402+47.50 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1407+59.96 | | I-70 | RT | PRE-CONSTRUCTION | | | | | 2.5 | | 0.1 |
| 1407+77.46 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1409+72.96 | 1420+90.04 | I-70 | RT | PRE-CONSTRUCTION | 1118 | | | | | | 11.2 |
| 1408+09.78 | 1420+87.68 | I-70 | LT | PRE-CONSTRUCTION | 1203 | | | | | | 12.0 |
| 1409+95.58 | | I-70 | RT | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| 1415+87.65 | | I-70 | CL | PRE-CONSTRUCTION | | 36 | | | | | 0.1 |
| | | | | | | | | | | | |
| 786+90.00 | 789+20.00 | I-70 | RT | CONSTRUCTION | | | | | | 97 | |
| 790+73.87 | 797+00.00 | I-70 | LT | CONSTRUCTION | | | | | | 899 | |
| 792+20.00 | 797+55.87 | I-70 | RT | CONSTRUCTION | | | | | | 331 | |
| 796+63.77 | 797+05.05 | I-70 | LT | CONSTRUCTION | | 45 | | | | | 0.3 |
| 797+05.05 | 801+28.06 | I-70 | LT | CONSTRUCTION | | | 140 | | | | 1.4 |
| 797+90.36 | 820+54.36 | I-70 | RT | CONSTRUCTION | | | 420 | | | | 4.2 |
| 803+66.65 | 804+96.26 | I-70 | LT | CONSTRUCTION | | | | | | 413 | |
| 803+86.73 | 804+97.70 | I-70 | LT | CONSTRUCTION | | | 50 | | | | 0.5 |
| 806+12.12 | 822+99.95 | I-70 | LT | CONSTRUCTION | | | | | | | 2.1 |
| 806+12.13 | | I-70 | LT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 818+78.45 | | I-70 | RT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 822+99.95 | | I-70 | LT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 828+50.00 | 834+00.00 | I-70 | LT | CONSTRUCTION | | | | | | 449 | |
| 828+50.00 | 833+00.00 | I-70 | RT | CONSTRUCTION | | | | | | 486 | |
| 836+00.00 | 849+37.71 | I-70 | RT | CONSTRUCTION | | | | | | 624 | |
| 837+00.00 | 840+80.00 | I-70 | LT | CONSTRUCTION | | | | | | 133 | |
| 841+50.00 | 845+00.00 | I-70 | LT | CONSTRUCTION | | | 30 | | | | 0.3 |
| 845+00.00 | 848+10.00 | I-70 | LT | CONSTRUCTION | | 345 | | | | 1735 | 2.3 |
| 848+10.00 | 848+90.00 | I-70 | LT | CONSTRUCTION | | | 40 | | | | 0.4 |
| 857+00.00 | 858+12.54 | I-70 | RT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 857+00.00 | 859+25.00 | I-70 | RT | CONSTRUCTION | | | | | | 1194 | |
| 867+00.00 | 867+80.97 | I-70 | LT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 875+60.00 | 878+80.00 | I-70 | LT | CONSTRUCTION | | | | | | 248 | |
| 879+40.00 | 883+30.00 | I-70 | LT | CONSTRUCTION | | | | | | 1043 | |
| 880+10.00 | 884+20.00 | I-70 | RT | CONSTRUCTION | | | | | | 334 | |
| 883+20.00 | 884+10.12 | I-70 | LT | CONSTRUCTION | | 75 | | | | | 0.5 |
| 884+10.12 | 887+80.00 | I-70 | LT | CONSTRUCTION | | | 120 | | | | 1.2 |
| 889+50.00 | 891+40.00 | I-70 | LT | CONSTRUCTION | | | | | | 330 | |
| 894+81.50 | 896+00.69 | I-70 | LT | CONSTRUCTION | | | | | | 63 | |
| 897+55.52 | 913+06.72 | I-70 | RT | CONSTRUCTION | | | 270 | | | | 2.7 |
| 897+85.64 | 912+83.64 | I-70 | LT | CONSTRUCTION | | | 280 | | | | 2.8 |
| 903+08.82 | 904+60.00 | I-70 | LT | CONSTRUCTION | | | | | | 604 | |
| 916+01.63 | 927+00.00 | I-70 | LT | CONSTRUCTION | | | 230 | | | | 2.3 |
| 916+89.94 | 928+31.13 | I-70 | RT | CONSTRUCTION | | | 190 | | | | 1.9 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES
SHEET 14 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## TEMPORARY EROSION CONTROL (CONT.)

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 922+30.00 | 924+80.00 | I-70 | LT | CONSTRUCTION | | | | | | 489 | |
| 928+50.00 | 929+30.00 | I-70 | LT | CONSTRUCTION | | | | | | 113 | |
| 930+70.00 | 934+74.97 | I-70 | RT | CONSTRUCTION | | | | | | 289 | |
| 931+20.00 | 933+60.00 | I-70 | LT | CONSTRUCTION | | | | | | 180 | |
| 936+00.52 | 948+21.40 | I-70 | RT | CONSTRUCTION | | | 240 | | | | 2.4 |
| 936+90.02 | 940+36.53 | I-70 | LT | CONSTRUCTION | | | 60 | | | | 0.6 |
| 953+20.65 | 954+09.62 | I-70 | LT | CONSTRUCTION | | | | | | 100 | |
| 956+70.00 | 962+10.00 | I-70 | LT | CONSTRUCTION | | | | | | 1619 | |
| 967+50.00 | 970+40.21 | I-70 | LT | CONSTRUCTION | | | 30 | | | | 0.3 |
| 970+31.48 | 987+20.63 | I-70 | RT | CONSTRUCTION | | | 180 | | | | 1.8 |
| 970+90.16 | 986+00.09 | I-70 | LT | CONSTRUCTION | | | 130 | | | | 1.3 |
| 986+00.09 | 987+00.00 | I-70 | LT | CONSTRUCTION | | 75 | | | | | 0.5 |
| 974+60.00 | 981+29.99 | I-70 | LT | CONSTRUCTION | | | | | | 2623 | |
| 976+00.00 | 978+80.00 | I-70 | RT | CONSTRUCTION | | | | | | 946 | |
| 987+30.00 | 1014+20.00 | I-70 | RT | CONSTRUCTION | | | | | | 2944 | |
| 989+30.00 | 992+00.00 | I-70 | LT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 992+00.00 | 998+30.00 | I-70 | LT | CONSTRUCTION | | | | | | 2896 | |
| 1014+32.45 | 1022+79.86 | I-70 | LT | CONSTRUCTION | | | 100 | | | | 1.0 |
| 1022+79.86 | 1024+30.01 | I-70 | LT | CONSTRUCTION | | 120 | | | | | 0.8 |
| 1024+30.01 | 1032+39.86 | I-70 | LT | CONSTRUCTION | | | 80 | | | | 0.8 |
| 1016+38.26 | 1021+80.00 | I-70 | RT | CONSTRUCTION | | | 10 | | | | 0.1 |
| 1021+00.00 | 1021+50.00 | I-70 | LT | CONSTRUCTION | | | | | | 185 | |
| 1022+70.00 | 1023+30.00 | I-70 | RT | CONSTRUCTION | | | | | | 269 | |
| 1023+49.95 | 1024+10.35 | I-70 | RT | CONSTRUCTION | | 45 | | | | | 0.3 |
| 1024+10.35 | 1031+90.60 | I-70 | RT | CONSTRUCTION | | | 40 | | | | 0.4 |
| 1037+98.75 | 1038+40.00 | I-70 | RT | CONSTRUCTION | | | | | | 14 | |
| 1041+30.00 | 1042+88.50 | I-70 | RT | CONSTRUCTION | | | | | | 179 | |
| 1047+30.01 | 1064+04.03 | I-70 | RT | CONSTRUCTION | | | 370 | | | | 3.7 |
| 1047+72.25 | 1062+27.51 | I-70 | LT | CONSTRUCTION | | | 320 | | | | 3.2 |
| 1056+20.00 | 1056+55.00 | I-70 | RT | CONSTRUCTION | | | | | | 150 | |
| 1062+07.73 | 1069+19.80 | I-70 | LT | CONSTRUCTION | | | 190 | | | | 1.9 |
| 1062+48.01 | 1069+88.85 | I-70 | RT | CONSTRUCTION | | | 180 | | | | 1.8 |
| 1069+88.85 | 1074+00.24 | I-70 | RT | CONSTRUCTION | | 225 | | | | | 1.5 |
| 1070+60.00 | 1072+81.62 | I-70 | RT | CONSTRUCTION | | | | | | 1132 | |
| 1074+00.24 | 1091+50.00 | I-70 | RT | CONSTRUCTION | | | 470 | | | | 4.7 |
| 1074+93.71 | 1090+60.00 | I-70 | LT | CONSTRUCTION | | | 450 | | | | 4.5 |
| 1075+00.00 | 1078+00.00 | I-70 | RT | CONSTRUCTION | | | | | | 1252 | |
| 1084+00.00 | 1087+70.00 | I-70 | RT | CONSTRUCTION | | | | | | 1440 | |
| 1090+60.00 | 1091+61.28 | I-70 | LT | CONSTRUCTION | | 75 | | | | | 0.5 |
| 1092+60.00 | 1093+80.00 | I-70 | LT | CONSTRUCTION | | | | | | 557 | |
| 1095+60.00 | 1101+70.00 | I-70 | LT | CONSTRUCTION | | | | | | 504 | |
| 1097+90.00 | 1099+20.00 | I-70 | RT | CONSTRUCTION | | | | | | 142 | |
| 1102+10.00 | 1106+10.00 | I-70 | LT | CONSTRUCTION | | | | | | 525 | |
| 1105+94.66 | 1116+19.98 | I-70 | RT | CONSTRUCTION | | | 360 | | | | 3.6 |
| 1111+50.00 | 1118+09.16 | I-70 | LT | CONSTRUCTION | | | 260 | | | | 2.6 |
| 1117+30.00 | 1118+60.00 | I-70 | LT | CONSTRUCTION | | | | | | 612 | |
| 1119+00.00 | 1120+00.00 | I-70 | RT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 1120+00.00 | 1121+90.00 | I-70 | RT | CONSTRUCTION | | | 100 | | | | 1.0 |
| 1120+60.00 | 1121+40.00 | I-70 | RT | CONSTRUCTION | | | | | | 265 | |
| 1124+85.00 | 1127+40.00 | I-70 | RT | CONSTRUCTION | | | | | | 406 | |
| 1125+55.00 | 1125+90.00 | I-70 | LT | CONSTRUCTION | | | | | | 28 | |
| 1126+40.00 | 1126+85.00 | I-70 | LT | CONSTRUCTION | | | | | | 25 | |
| 1129+19.59 | 1136+40.90 | I-70 | RT | CONSTRUCTION | | | 100 | | | | 1.0 |
| 1136+20.39 | 1137+95.81 | I-70 | LT | CONSTRUCTION | | 90 | | | | | 0.6 |
| 1137+80.00 | 1138+30.00 | I-70 | RT | CONSTRUCTION | | | | | | 55 | |
| 1137+95.81 | 1138+70.02 | I-70 | LT | CONSTRUCTION | | | 10 | | | | 0.1 |
| 1156+30.00 | 1158+50.00 | I-70 | RT | CONSTRUCTION | | | | | | 168 | |
| 1156+80.00 | 1160+30.00 | I-70 | LT | CONSTRUCTION | | | | | | 355 | |
| 1159+80.00 | 1160+90.00 | I-70 | RT | CONSTRUCTION | | | | | | 110 | |
| 1179+90.00 | 1182+50.00 | I-70 | RT | CONSTRUCTION | | | | | | 492 | |
| 1181+90.00 | 1182+50.00 | I-70 | LT | CONSTRUCTION | | | | | | 229 | |
| 1183+80.08 | 1192+90.00 | I-70 | LT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1184+50.50 | 1193+10.39 | I-70 | RT | CONSTRUCTION | | | 90 | | | | 0.9 |
| 1187+40.00 | 1190+60.00 | I-70 | LT | CONSTRUCTION | | | | | | 1280 | |
| 1196+30.00 | 1205+30.00 | I-70 | LT | CONSTRUCTION | | | | | | 794 | |
| 1197+05.00 | 1208+30.00 | I-70 | RT | CONSTRUCTION | | | | | | 1151 | |
| 1211+69.98 | 1220+20.08 | I-70 | LT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1214+29.72 | 1220+63.28 | I-70 | RT | CONSTRUCTION | | | 50 | | | | 0.5 |
| 1230+00.00 | 1235+90.00 | I-70 | LT | CONSTRUCTION | | | 50 | | | | 0.5 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

SUMMARY OF QUANTITIES
SHEET 15 OF 27

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## TEMPORARY EROSION CONTROL (CONT.)

| BEGIN STA. | END STA. | ROUTE | SIDE | PHASE | SILT FENCE L.F. | ROCK DITCH CHECK L.F. | ALTERNATE DITCH CHECK L.F. | CURB INLET CHECK EACH | SEDIMENT TRAP EXCAVATION & ROCK C.Y. | EROSION CONTROL BLANKET TYPE 3B S.Y. | SEDIMENT REMOVAL C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1230+00.00 | 1235+67.94 | I-70 | RT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1239+10.00 | 1241+10.00 | I-70 | LT | CONSTRUCTION | | | | | | 153 | |
| 1269+90.00 | 1279+47.06 | I-70 | LT | CONSTRUCTION | | | | | | 675 | |
| 1272+25.00 | 1275+90.00 | I-70 | RT | CONSTRUCTION | | | | | | 247 | |
| 1284+95.47 | 1286+39.95 | I-70 | LT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1295+70.00 | 1296+80.00 | I-70 | LT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 1296+50.00 | 1297+10.00 | I-70 | LT | CONSTRUCTION | | | | | | 311 | |
| 1305+50.47 | 1307+90.00 | I-70 | LT | CONSTRUCTION | | 165 | | | | | 1.1 |
| 1306+25.84 | 1308+90.00 | I-70 | LT | CONSTRUCTION | | | | | | 1642 | |
| 1307+60.00 | 1309+20.00 | I-70 | RT | CONSTRUCTION | | | | | | 228 | |
| 1309+50.27 | 1318+95.17 | I-70 | LT | CONSTRUCTION | | | | | | | 1.0 |
| 1310+20.00 | 1317+12.58 | I-70 | RT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1312+10.00 | 1313+50.00 | I-70 | RT | CONSTRUCTION | | | | | | 501 | |
| 1315+36.53 | 1331+50.00 | I-70 | LT | CONSTRUCTION | | | 210 | | | | 2.1 |
| 1315+65.65 | 1331+98.85 | I-70 | RT | CONSTRUCTION | | | 170 | | | | 1.7 |
| 1318+88.13 | | I-70 | RT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 1319+15.12 | | I-70 | LT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 1329+48.51 | | I-70 | RT | CONSTRUCTION | | 36 | | | | | 0.1 |
| 1330+89.11 | 1333+06.32 | I-70 | RT | CONSTRUCTION | | 180 | | | | | 1.2 |
| 1331+72.58 | 1332+81.10 | I-70 | RT | CONSTRUCTION | | | | | | 472 | |
| 1333+06.32 | 1337+70.64 | I-70 | RT | CONSTRUCTION | | | 50 | | | | 0.5 |
| 1334+81.56 | 1337+57.57 | I-70 | LT | CONSTRUCTION | | | | | | | 0.4 |
| 1347+99.80 | 1356+10.01 | I-70 | LT | CONSTRUCTION | | | | | | | 0.9 |
| 1351+00.00 | 1361+10.59 | I-70 | RT | CONSTRUCTION | | | 90 | | | | 0.9 |
| 1366+79.11 | 1374+35.68 | I-70 | RT | CONSTRUCTION | | | | | | | 0.5 |
| 1367+59.76 | 1373+80.20 | I-70 | LT | CONSTRUCTION | | 30 | | | | | 0.2 |
| 1374+35.68 | 1375+10.85 | I-70 | RT | CONSTRUCTION | | 30 | | | | | 0.2 |
| 1375+20.00 | 1376+50.00 | I-70 | RT | CONSTRUCTION | | | | | | 191 | |
| 1376+90.00 | 1378+50.00 | I-70 | RT | CONSTRUCTION | | | | | | 228 | |
| 1378+01.40 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1378+56.89 | 1383+80.37 | I-70 | RT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 1379+80.07 | 1389+99.83 | I-70 | LT | CONSTRUCTION | | | 120 | | | | 1.2 |
| 1381+00.60 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1383+50.00 | 1383+90.00 | I-70 | RT | CONSTRUCTION | | | | | | 72 | |
| 1384+17.60 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1384+68.98 | 1387+99.23 | I-70 | RT | CONSTRUCTION | | | 70 | | | | 0.7 |
| 1386+70.00 | 1388+40.00 | I-70 | LT | CONSTRUCTION | | | | | | 575 | |
| 1387+01.58 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1387+99.23 | 1388+99.14 | I-70 | RT | CONSTRUCTION | | 60 | | | | | 0.4 |
| 1390+02.21 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1393+01.82 | | I-70 | CL | CONSTRUCTION | | | | 1 | | | |
| 1393+70.00 | 1398+19.82 | I-70 | LT | CONSTRUCTION | | | 190 | | | | 1.9 |
| 1394+00.00 | 1398+74.27 | I-70 | RT | CONSTRUCTION | | | 190 | | | | 1.9 |
| 1398+80.00 | 1399+80.00 | I-70 | LT | CONSTRUCTION | | | | | | 458 | |
| 1399+30.00 | 1403+10.00 | I-70 | RT | CONSTRUCTION | | | | | | 569 | |
| 1404+00.00 | 1407+60.48 | I-70 | RT | CONSTRUCTION | | | 130 | | | | 1.3 |
| 1410+20.00 | 1410+50.00 | I-70 | LT | CONSTRUCTION | | | | | | 127 | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | TOTAL: | 60731 | 3876 | 7280 | 6 | 277.5 | 42571 | 715 |

NOTE: CLEARING AND GRUBBING SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF EROSION CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

## PAN TILT ZOOM CAMERA ASSEMBLY

| SHEET | ROUTE | STA. | TO | STA. | CTR. TO CTR. | POWER SUPPLY ASSEMBLY TYPE 2 240/120 VOLT SERVICE ITS (EACH) | CCTV CAMERA ASSEMBLY INSTALLED (EACH) | CCTV POLE (60') INSTALLED (EACH) | PULLBOX CONCRETE STANDARD (EACH) | CABLE 2 AWG 1 CONDUCTOR (LF) | WIRE 2 AWG 1 CONDUCTOR BARE NEUTRAL (LF) | CONDUIT 3 IN. RIGID IN TRENCH (LF) | CONDUIT 3 IN. RIGID PUSHED (LF) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 259 | I-70 | POWER SOURCE | TO | 1057+00 | 255' | | | | | 526' | 271' | | 255' |
| 259 | I-70 | 1057+00 | TO | 1053+83 | 120' | 1 | | | 1 | | | 120' | |
| 259 | I-70 | 1056+83 | TO | 1056+78 | 45' | | | | 1 | | | | 45' |
| 259 | I-70 | 1056+78 | TO | 1053+26 | 55' | | 1 | 1 | | | | 55' | |
| | | | | | | | | | | | | | |
| | | | | | TOTAL: | 1 | 1 | 1 | 2 | 530' | 270' | 175' | 300' |



STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/27/2025

ROUTE I-70 | STATE MO

DISTRICT CD | SHEET NO. 3

COUNTY COOPER

JOB NO. JST0017B

CONTRACT ID. -

PROJECT NO. -

BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## MISC. CONCRETE PAVING

| SHEET | STA. | STA. | ROUTE | ROCK BASE (12" THICK) PLACING (SY) | CONCRETE PAVEMENT (5 3/4 IN. NON-REINFORCED 15 FT JOINTS) (SY) | CONCRETE PAVEMENT (12 IN. NON-REINFORCED 15 FT JOINTS) (SY) | SHOULDER RUMBLE STRIP (STA) | MODIFIED SUBGRADE (SY) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 34 | 786+64.38 | 786+89.38 | I-70 | 11 | | 11.1 | | 11 | FOR CRASH CUSHION |
| 58 | 1374+00.00 | 1378+00.00 | I-70 | 567 | 239.1 | 327.4 | 16.0 | 567 | FOR MODIFIED MEDIAN BARRIER |
| 60 | 1378+00.00 | 1393+50.00 | I-70 | 2,195 | 926.5 | 1,268.5 | 62.0 | 2,195 | FOR MODIFIED MEDIAN BARRIER |
| | | | TOTAL: | 2,773 | 1,165.6 | 1,607.0 | 78.0 | 2,773 | |

NOTES:
1) PAVEMENT EDGE DROP-OFF TREATMENT SHALL BE INCIDENTAL TO PAVING OPERATIONS.

NOTE:
SEE MOT TYPICAL SECTIONS FOR EXACT STATION RANGES OF STRENGTHENED SHOULDER LOCATIONS.

ASPHALT ESTIMATING FACTORS:
1) PG 64-22 SP250C - 2.036 TONS/CY COMPACTED
2) PG 64-22 SP125C - 1.970 TONS/CY COMPACTED
3) PG 64-22 BASE - 1.970 TONS/CY COMPACTED
4) PG 64-22 BP-1 - 1.970 TONS/CY COMPACTED
5) PG 76-22 SP125B - 1.970 TONS/CY COMPACTED
6) PG 76-22 SP125BSM - 1.970 TONS/CY COMPACTED

## ALTERNATE A - CONCRETE PAVEMENT

| SHEET | STA. | STA. | ROUTE | ROCK BASE (12" THICK) PLACING (SY) | CONCRETE PAVEMENT (11 IN. NON-REINFORCED 15 FT JOINTS) (SY) | SHOULDER RUMBLE STRIP (STA) | MODIFIED SUBGRADE (SY) |
|---|---|---|---|---|---|---|---|
| 6 | 786+89.38 | 811+00.00 | I-70 | 31,181 | 27,447.4 | 87.2 | 31,181 |
| 9 | 811+00.00 | 838+00.00 | I-70 | 34,437 | 30,440.0 | 98.9 | 34,437 |
| 12 | 838+00.00 | 865+00.00 | I-70 | 31,906 | 26,400.0 | 108.0 | 31,906 |
| 14 | 865+00.00 | 892+00.00 | I-70 | 32,486 | 27,784.3 | 108.0 | 32,486 |
| 16 | 892+00.00 | 919+00.00 | I-70 | 34,766 | 30,730.0 | 97.5 | 34,766 |
| 20 | 919+00.00 | 946+00.00 | I-70 | 34,686 | 31,009.0 | 105.6 | 34,686 |
| 23 | 946+00.00 | 973+00.00 | I-70 | 34,572 | 30,337.1 | 103.1 | 34,572 |
| 26 | 973+00.00 | 1000+00.00 | I-70 | 32,698 | 27,091.5 | 108.0 | 32,698 |
| 28 | 1000+00.00 | 1027+00.00 | I-70 | 32,398 | 26,392.2 | 108.0 | 32,398 |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | 35,759 | 30,774.5 | 103.2 | 35,759 |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | 34,295 | 30,036.7 | 103.2 | 34,295 |
| 36 | 1081+00.00 | 1108+00.00 | I-70 | 32,400 | 26,400.0 | 108.0 | 32,400 |
| 38 | 1108+00.00 | 1135+00.00 | I-70 | 32,366 | 26,400.0 | 108.0 | 32,366 |
| 40 | 1135+00.00 | 1162+00.00 | I-70 | 32,138 | 26,399.9 | 108.0 | 32,138 |
| 42 | 1162+00.00 | 1189+00.00 | I-70 | 31,758 | 26,399.9 | 108.0 | 31,758 |
| 44 | 1189+00.00 | 1216+00.00 | I-70 | 32,400 | 26,399.9 | 108.0 | 32,400 |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | 31,354 | 26,399.9 | 108.0 | 31,354 |
| 48 | 1243+00.00 | 1270+00.00 | I-70 | 31,720 | 26,399.8 | 108.0 | 31,720 |
| 50 | 1270+00.00 | 1297+00.00 | I-70 | 31,855 | 26,399.8 | 108.0 | 31,855 |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | 34,535 | 29,990.6 | 103.0 | 34,536 |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | 35,944 | 30,985.7 | 103.0 | 35,944 |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | 28,966 | 26,354.8 | 108.0 | 28,966 |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | 27,332 | 25,688.4 | 108.0 | 27,332 |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | 14,048 | 14,047.1 | 57.5 | 14,048 |
| | | | TOTAL | 766,000 | 656,708.5 | 2,474.2 | 766,000 |

## ALTERNATE B - ASPHALT PAVEMENT

| SHEET | STA. | STA. | ROUTE | 14.5" ASPHALTIC CONCRETE MIXTURE (SY) | (2) TACK COAT (GAL.) | (1) PG 64-22 SP250C (10.5") (Tons) | (1) PG 76-22 SP125B (2") (Tons) | (1) PG 76-22 SP125BSM (2") (Tons) | ROCK BASE (12" THICK) PLACING (SY) | RUMBLE STRIP (STA) | MODIFIED SUBGRADE (SY) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 786+89.38 | 811+00.00 | I-70 | 27,447.4 | 2,745 | 16,299.2 | 3,004.0 | 3,004.0 | 31,181 | 87.2 | 31,181 |
| 9 | 811+00.00 | 838+00.00 | I-70 | 30,440.0 | 3,044 | 18,076.3 | 3,331.5 | 3,331.5 | 34,437 | 98.9 | 34,437 |
| 12 | 838+00.00 | 865+00.00 | I-70 | 26,400.0 | 2,640 | 15,677.2 | 2,889.3 | 2,889.3 | 31,906 | 108.0 | 31,906 |
| 14 | 865+00.00 | 892+00.00 | I-70 | 27,784.3 | 2,778 | 16,499.2 | 3,040.8 | 3,040.8 | 32,486 | 108.0 | 32,486 |
| 16 | 892+00.00 | 919+00.00 | I-70 | 30,730.0 | 3,073 | 18,248.5 | 3,363.2 | 3,363.2 | 34,766 | 97.5 | 34,766 |
| 20 | 919+00.00 | 946+00.00 | I-70 | 31,009.0 | 3,101 | 18,414.2 | 3,393.8 | 3,393.8 | 34,686 | 105.6 | 34,686 |
| 23 | 946+00.00 | 973+00.00 | I-70 | 30,337.1 | 3,034 | 18,015.2 | 3,320.2 | 3,320.2 | 34,572 | 103.1 | 34,572 |
| 26 | 973+00.00 | 1000+00.00 | I-70 | 27,091.5 | 2,709 | 16,087.8 | 2,965.0 | 2,965.0 | 32,698 | 108.0 | 32,698 |
| 28 | 1000+00.00 | 1027+00.00 | I-70 | 26,392.2 | 2,639 | 15,672.6 | 2,888.5 | 2,888.5 | 32,398 | 108.0 | 32,398 |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | 30,774.5 | 3,077 | 18,274.9 | 3,368.1 | 3,368.1 | 35,759 | 103.2 | 35,759 |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | 30,036.7 | 3,004 | 17,836.8 | 3,287.3 | 3,287.3 | 34,295 | 103.2 | 34,295 |
| 36 | 1081+00.00 | 1108+00.00 | I-70 | 26,400.0 | 2,640 | 15,677.2 | 2,889.3 | 2,889.3 | 32,400 | 108.0 | 32,400 |
| 38 | 1108+00.00 | 1135+00.00 | I-70 | 26,400.0 | 2,640 | 15,677.2 | 2,889.3 | 2,889.3 | 32,366 | 108.0 | 32,366 |
| 40 | 1135+00.00 | 1162+00.00 | I-70 | 26,399.9 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 32,138 | 108.0 | 32,138 |
| 42 | 1162+00.00 | 1189+00.00 | I-70 | 26,399.9 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 31,758 | 108.0 | 31,758 |
| 44 | 1189+00.00 | 1216+00.00 | I-70 | 26,399.9 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 32,400 | 108.0 | 32,400 |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | 26,399.9 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 31,354 | 108.0 | 31,354 |
| 48 | 1243+00.00 | 1270+00.00 | I-70 | 26,399.8 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 31,720 | 108.0 | 31,720 |
| 50 | 1270+00.00 | 1297+00.00 | I-70 | 26,399.8 | 2,640 | 15,677.1 | 2,889.3 | 2,889.3 | 31,855 | 108.0 | 31,855 |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | 29,990.6 | 2,999 | 17,809.4 | 3,282.3 | 3,282.3 | 34,535 | 103.0 | 34,536 |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | 30,985.7 | 3,099 | 18,400.3 | 3,391.2 | 3,391.2 | 35,944 | 103.0 | 35,944 |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | 26,354.8 | 2,635 | 15,650.4 | 2,884.4 | 2,884.4 | 28,966 | 108.0 | 28,966 |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | 25,688.4 | 2,569 | 15,254.6 | 2,811.5 | 2,811.5 | 27,332 | 108.0 | 27,332 |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | 14,047.1 | 1,405 | 8,341.6 | 1,537.4 | 1,537.4 | 14,048 | 57.5 | 14,048 |
| | | | TOTAL: | 656,708.5 | 65,671 | 389,975.2 | 71,872.9 | 71,872.9 | 766,000 | 2474.2 | 766,000 |

NOTES:
1) ASPHALT TONNAGE SHOWN FOR INFORMATION ONLY.
2) TACK COAT SHOWN FOR INFORMATION ONLY

## ALTERNATE E - CONCRETE STRENGTHENED SHOULDER

| SHEET | STA. | STA. | ROUTE | TYPE 5 AGGREGATE BASE (14.5" THICK) (SY) | CONCRETE PAVEMENT (8.5 IN. NON-REINFORCED 12 FT JOINTS) (SY) | MODIFIED SUBGRADE (SY) |
|---|---|---|---|---|---|---|
| 6 | 786+89.38 | 811+00.00 | I-70 | 344.4 | 344.4 | 344.4 |
| 9 | 811+00.00 | 838+00.00 | I-70 | 850.8 | 850.8 | 850.8 |
| 16 | 892+00.00 | 919+00.00 | I-70 | 1,044.4 | 1,044.4 | 1,044.4 |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | 344.4 | 344.4 | 344.4 |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | 733.3 | 733.3 | 733.3 |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | 1,054.2 | 1,054.2 | 1,054.2 |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | 567.5 | 567.5 | 567.5 |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | 488.9 | 488.9 | 488.9 |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | 3,389.9 | 3,389.9 | 3,389.9 |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | 4,162.6 | 4,162.6 | 4,162.6 |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | 3,790.4 | 3,790.4 | 3,790.4 |
| | | | TOTAL | 16,770.8 | 16,770.8 | 16,770.8 |

## ALTERNATE F - ASPHALT STRENGTHENED SHOULDER

| SHEET | STA. | STA. | ROUTE | 10.5" ASPHALTIC CONCRETE MIXTURE (SY) | (2) TACK COAT (GAL.) | (1) PG 64-22 SP250C (6.5") (Tons) | (1) PG 70-22 SP125C (4") (Tons) | TYPE 5 AGGREGATE BASE (16" THICK) (SY) | MODIFIED SUBGRADE (SY) |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 786+89.38 | 811+00.00 | I-70 | 344.4 | 34 | 122.5 | 75.4 | 344.4 | 344.4 |
| 9 | 811+00.00 | 838+00.00 | I-70 | 850.8 | 85 | 302.6 | 186.2 | 850.8 | 850.8 |
| 16 | 892+00.00 | 919+00.00 | I-70 | 1,044.4 | 104 | 371.5 | 228.6 | 1,044.4 | 1,044.4 |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | 344.4 | 34 | 122.5 | 75.4 | 344.4 | 344.4 |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | 733.3 | 73 | 260.8 | 160.5 | 733.3 | 733.3 |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | 1,054.2 | 105 | 375.0 | 230.8 | 1,054.2 | 1,054.2 |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | 567.5 | 57 | 201.9 | 124.2 | 567.5 | 567.5 |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | 488.9 | 49 | 173.9 | 107.0 | 488.9 | 488.9 |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | 3,389.9 | 339 | 1,205.8 | 742.0 | 3,389.9 | 3,389.9 |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | 4,162.6 | 416 | 1,480.6 | 911.1 | 4,162.6 | 4,162.6 |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | 3,790.4 | 379 | 1,348.2 | 829.7 | 3,790.4 | 3,790.4 |
| | | | TOTAL: | 16,770.8 | 1,675 | 5,965.3 | 3,670.9 | 16,770.8 | 16,770.8 |

## MOT TEMPORARY PAVEMENT - ASPHALT WEDGE

| SEGMENT | ROUTE | BITUMINOUS PAVEMENT MIXTURE: ASPHALT PAVEMENT (CY) | BITUMINOUS PAVEMENT MIXTURE: PG 64-22 BP-1 (VAR.) (Tons) |
|---|---|---|---|
| I-70 SEG 01 | I-70 EB | 743.2 | 1,476.7 |
| STA. 784+89 TO STA. 875+00 | I-70 WB | 1,228.8 | 2,441.6 |
| I-70 SEG 02 | I-70 EB | 1,236.0 | 2,455.9 |
| STA. 875+00 TO STA.980+00 | I-70 WB | 1,350.1 | 2,682.6 |
| I-70 SEG 03 | I-70 EB | 1,106.8 | 2,199.2 |
| STA. 980+00 TO STA.1085+00 | I-70 WB | 852.6 | 1,694.1 |
| I-70 SEG 04 | I-70 EB | 1,593.3 | 3,165.9 |
| STA.1085+00 TO STA.1190+00 | I-70 WB | 1,523.0 | 3,026.2 |
| I-70 SEG 05 | I-70 EB | 753.4 | 1,497.0 |
| STA.1190+00 TO STA.1265+00 | I-70 WB | 632.3 | 1,256.4 |
| I-70 SEG 06 | I-70 EB | 356.0 | 707.4 |
| STA.1265+00 TO STA.1350+00 | I-70 WB | 413.2 | 821.0 |
| I-70 SEG 07 | I-70 EB | 267.0 | 530.5 |
| STA.1350+00 TO STA.1420+90 | I-70 WB | 37.9 | 75.3 |
| | TOTAL | 12,093.6 | 24,029.8 |

SUMMARY OF QUANTITIES
SHEET 17 OF 27

STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 12/4/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 3
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## GRAVITY WALL

| SHEET | STA. | STA. | ROUTE | OFFSET | GRAVITY WALL (S.F.) | CONCRETE GUTTER TYPE B (L.F.) | FURNISHING TYPE 2 ROCK DITCH LINER (C.Y.) | PLACING TYPE 2 ROCK DITCH LINER (C.Y.) | PERMANENT EROSION CONTROL GEOTEXTILE (SY.) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 89 | 789+20.00 | 792+20.00 | I-70 | RT | 1448.0 | 310 | 2 | 2 | 6 | |
| | | | | TOTAL | 1448.0 | 310 | 2 | 2 | 6 | |

## MOWING

| CYCLES | ACRES |
|---|---|
| 6 | 41.1 |
| TOTAL: | 248.4 |

## ROCK BLANKET

| SHEET | STA. | STA. | ROUTE | LOCATION | FURNISHING TYPE 1 ROCK BLANKET (CY.) | PLACING TYPE 1 ROCK BLANKET (CY.) | FURNISHING TYPE 2 ROCK BLANKET (CY.) | PLACING TYPE 2 ROCK BLANKET (CY.) | PERMANENT EROSION CONTROL GEOTEXTILE (SY.) |
|---|---|---|---|---|---|---|---|---|---|
| 9 | 811+94.00 | 812+50.00 | I-70 | RT | 18 | 18 | | | 79 |
| 9 | 812+20.00 | 812+91.00 | I-70 | RT | | | 116 | 116 | 174 |
| 9 | 813+54.00 | 814+25.00 | I-70 | LT | | | 117 | 117 | 176 |
| 14 & 16 | 878+80.00 | 879+40.00 | I-70 | LT | 51 | 51 | | | 228 |
| 14 & 16 | 889+10.00 | 896+80.00 | I-70 | RT | 562 | 562 | | | 2530 |
| 20 | 929+30.00 | 931+20.00 | I-70 | LT | 247 | 247 | | | 1112 |
| 23 | 961+50.00 | 963+30.00 | I-70 | RT | 88 | 88 | | | 396 |
| 30 | 1036+20 | 1038+60 | I-70 | LT | 300 | 300 | | | 1348 |
| 30 | 1038+40 | 1041+30 | I-70 | RT | 260 | 260 | | | 1168 |
| 36 | 1095+40.00 | 1097+90.00 | I-70 | RT | 116 | 116 | | | 524 |
| 36 | 1099+20.00 | 1103+20.00 | I-70 | RT | 321 | 321 | | | 1445 |
| 36 | 1101+70.00 | 1102+10.00 | I-70 | LT | 41 | 41 | | | 183 |
| 38 | 1125+90.00 | 1126+40.00 | I-70 | LT | 33 | 33 | | | 149 |
| 40 | 1158+50.00 | 1159+80.00 | I-70 | RT | 65 | 65 | | | 294 |
| 48 | 1243+90.00 | 1245+30.00 | I-70 | RT | 112 | 112 | | | 503 |
| 52 | 1323+11.00 | 1323+59.00 | I-70 | LT | | | 96 | 96 | 144 |
| 52 & 55 | 1323+78.00 | 1324+07.00 | I-70 | RT | | | 96 | 96 | 144 |
| 58 | 1376+50.00 | 1376+90.00 | I-70 | RT | 39 | 39 | | | 177 |
| 60 | 1383+90.00 | 1384+60.00 | I-70 | RT | 41 | 41 | | | 184 |
| 60 | 1389+40.00 | 1394+20.00 | I-70 | RT | 337 | 337 | | | 1515 |
| 62 | 1408+16.73 | 1408+66.73 | I-70 | CNT | | | 106 | 106 | 158 |
| 62 | 1409+14.23 | 1409+64.23 | I-70 | CNT | | | 106 | 106 | 158 |
| | | | | TOTAL | 2631 | 2631 | 637 | 637 | 12789 |

## PERMANENT TRAFFIC COUNTING SYSTEM

| SHEET | STA. | OFFSET | ROUTE | PERMANENT TRAFFIC COUNTING SYSTEM (LUMP SUM) |
|---|---|---|---|---|
| 262 | 1229+00.00 | 84' LT | I-70 | 1 |
| | | | TOTAL: | 1 |

## TYPE A2 SHOULDERS

| SHEET | STA. | STA. | ROUTE | ALT PVMT C TYPE A2 SHOULDER (CONCRETE) (SY) | ALT PVMT D TYPE A2 SHOULDER (ASPHALT) (SY) |
|---|---|---|---|---|---|
| 6 | 786+89.38 | 811+00.00 | I-70 | 3,733.6 | 3,733.6 |
| 9 | 811+00.00 | 838+00.00 | I-70 | 3,996.6 | 3,996.6 |
| 12 | 838+00.00 | 865+00.00 | I-70 | 5,505.6 | 5,505.6 |
| 14 | 865+00.00 | 892+00.00 | I-70 | 4,701.3 | 4,701.3 |
| 16 | 892+00.00 | 919+00.00 | I-70 | 4,035.7 | 4,035.7 |
| 20 | 919+00.00 | 946+00.00 | I-70 | 3,676.8 | 3,676.8 |
| 23 | 946+00.00 | 973+00.00 | I-70 | 4,234.9 | 4,234.9 |
| 26 | 973+00.00 | 1000+00.00 | I-70 | 5,605.7 | 5,605.7 |
| 28 | 1000+00.00 | 1027+00.00 | I-70 | 6,005.5 | 6,005.5 |
| 30 | 1027+00.00 | 1054+00.00 | I-70 | 4,984.2 | 4,984.2 |
| 33 | 1054+00.00 | 1081+00.00 | I-70 | 4,257.8 | 4,257.8 |
| 36 | 1081+00.00 | 1108+00.00 | I-70 | 6,000.0 | 6,000.0 |
| 38 | 1108+00.00 | 1135+00.00 | I-70 | 5,965.6 | 5,965.6 |
| 40 | 1135+00.00 | 1162+00.00 | I-70 | 5,737.7 | 5,737.7 |
| 42 | 1162+00.00 | 1189+00.00 | I-70 | 5,357.6 | 5,357.6 |
| 44 | 1189+00.00 | 1216+00.00 | I-70 | 6,000.1 | 6,000.1 |
| 46 | 1216+00.00 | 1243+00.00 | I-70 | 4,953.5 | 4,953.5 |
| 48 | 1243+00.00 | 1270+00.00 | I-70 | 5,319.4 | 5,319.4 |
| 50 | 1270+00.00 | 1297+00.00 | I-70 | 5,455.1 | 5,455.1 |
| 52 | 1297+00.00 | 1324+00.00 | I-70 | 4,543.6 | 4,543.6 |
| 55 | 1324+00.00 | 1351+00.00 | I-70 | 4,958.0 | 4,958.0 |
| 58 | 1351+00.00 | 1378+00.00 | I-70 | 2,611.1 | 2,611.1 |
| 60 | 1378+00.00 | 1405+00.00 | I-70 | 1,642.8 | 1,642.8 |
| 62 | 1405+00.00 | 1420+90.00 | I-70 | 0.0 | 0.0 |
| | | | TOTAL | 109,282.2 | 109,282.2 |

## TEMPORARY DRAINAGE STRUCTURES

| STA. | ROUTE | SIDE | PRECAST CONCRETE DROP INLET 2 FT X 2 FT | CLASS 3 EXCAVATION | REMARKS |
|---|---|---|---|---|---|
| | | | F.T. | CY | |
| 797+96.54 | I-70 | LT | 3.0 | 7 | TC-A1 |
| 797+96.54 | I-70 | RT | 6.0 | 10 | TC-A2 |
| 826+95.18 | I-70 | LT | 3.0 | 7 | TC-B1 |
| 826+95.18 | I-70 | RT | 5.0 | 9 | TC-B2 |
| 897+85.50 | I-70 | LT | 3.0 | 7 | TC-C1 |
| 897+85.50 | I-70 | RT | 6.0 | 10 | TC-C2 |
| 928+82.05 | I-70 | LT | 3.0 | 7 | TC-D1 |
| 928+82.05 | I-70 | RT | 6.0 | 11 | TC-D2 |
| 1042+74.70 | I-70 | LT | 3.0 | 7 | TC-E1 |
| 1042+74.70 | I-70 | RT | 7.0 | 11 | TC-E2 |
| 1060+91.32 | I-70 | LT | 6.0 | 11 | TC-F1 |
| 1060+91.32 | I-70 | RT | 6.0 | 11 | TC-F2 |
| 1229+47.99 | I-70 | LT | 3.0 | 8 | TC-G1 |
| 1229+47.99 | I-70 | RT | 4.0 | 9 | TC-G2 |
| 1248+77.13 | I-70 | LT | 3.0 | 7 | TC-H1 |
| 1248+77.13 | I-70 | RT | 7.0 | 12 | TC-H2 |
| 1296+33.90 | I-70 | LT | 3.0 | 7 | TC-I1 |
| 1296+33.90 | I-70 | RT | 3.0 | 7 | TC-I2 |
| 1338+56.11 | I-70 | LT | 5.0 | 10 | TC-J1 |
| 1338+56.11 | I-70 | RT | 3.0 | 8 | TC-J2 |
| 1350+54.76 | I-70 | LT | 3.0 | 8 | TC-K1 |
| 1350+54.76 | I-70 | RT | 5.0 | 9 | TC-K2 |
| 1366+10.99 | I-70 | LT | 3.0 | 7 | TC-L1 |
| 1366+10.99 | I-70 | RT | 8.0 | 13 | TC-L2 |
| | | TOTAL: | 107.0 | 213 | |

## TEMPORARY PIPE CULVERT AND END SECTIONS

| BEGIN STA. | END STA. | ROUTE | SIDE | 18 IN PIPE GROUP A | 24 IN PIPE GROUP A | CLASS 3 EXCAVATION | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | L.F. | L.F. | C.Y. | |
| 797+96.54 | 797+96.54 | I-70 | LT | | 22 | 5 | TC-A1 |
| 826+95.18 | 826+95.18 | I-70 | LT | 20 | | 12 | TC-B1 |
| 897+85.50 | 897+85.50 | I-70 | LT | | 22 | 14 | TC-C1 |
| 928+82.05 | 928+82.05 | I-70 | LT | | 22 | 16 | TC-D1 |
| 1042+74.70 | 1042+74.70 | I-70 | LT | | 22 | 16 | TC-E1 |
| 1229+47.99 | 1229+47.99 | I-70 | LT | 22 | | 11 | TC-G1 |
| 1248+77.13 | 1248+77.13 | I-70 | LT | | 22 | 15 | TC-H1 |
| 1296+33.90 | 1296+33.90 | I-70 | LT | | 17 | 12 | TC-I1 |
| 1296+33.90 | 1296+33.90 | I-70 | RT | | 17 | 11 | TC-I2 |
| 1338+56.11 | 1338+56.11 | I-70 | RT | | 21 | 16 | TC-J1 |
| 1350+54.76 | 1350+54.76 | I-70 | LT | 22 | | 12 | TC-K1 |
| 1366+10.99 | 1366+10.99 | I-70 | LT | | 22 | 13 | TC-L1 |
| | | | TOTAL: | 64 | 187 | 153 | |

SUMMARY OF QUANTITIES
SHEET 18 OF 27

STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 12/3/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## CONCRETE TRAFFIC BARRIER

| ROADWAY | STA | STA | TYPE C | TYPE D | TYPE D (MODIFIED) | TYPE D (MEDIAN)(MODIFIED) | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | L.F. | L.F. | L.F. | L.F. | |
| I-70 MEDIAN | 786+39 | 1374+00 | 58761 | | | | STANDARD MEDIAN BARRIER |
| I-70 EB | 812+57 | 512+95 | | 38 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 WB | 813+50 | 813+88 | | 38 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 EB | 1232+61 | 1232+88 | | 27 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 WB | 1232+64 | 1232+91 | | 27 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 WB | 1323+34 | 1323+59 | | 25 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 EB | 1323+75 | 1324+02 | | 27 | | | TYPE-D ALONG OUTSIDE SHOULDER AT BRIDGE COLUMNS |
| I-70 MEDIAN | 1374+00 | 1393+50 | | | 1950 | | TYPE-D BARRIER IN SUPERELEVATED SECTION, LOW SIDE |
| I-70 MEDIAN | 1374+00 | 1393+50 | | | | 1950 | TYPE-D BARRIER IN SUPERELEVATED SECTION, HIGH SIDE |
| I-70 MEDIAN | 1393+50 | 1420+90 | 2740 | | | | STANDARD MEDIAN BARRIER |
| | | SUBTOTAL | 61501 | 182 | 1950 | 1950 | |
| | | PAY TOTAL | 61501 | 182 | 1950 | 1950 | |

NOTE:
1. GLARE SCREEN SHALL BE RELOCATED FROM TEMPORARY TRAFFIC CONTROL BARRIER AND INSTALLED BETWEEN STATIONS 1374+00 TO 1363+50 (NO DIRECT PAY).

## WILDLIFE CROSSINGS

| PL SHEET NO. | ROADWAY | STA* | WILDLIFE CROSSING (EACH) | REMARKS |
|---|---|---|---|---|
| 3 | I-70 | 835+00 | 5 | |
| 4 | I-70 | 848+50 | 5 | |
| 4 | I-70 | 856+00 | 5 | |
| 5 | I-70 | 866+50 | 5 | |
| 5 | I-70 | 885+00 | 5 | |
| 7 | I-70 | 926+50 | 5 | |
| 9 | I-70 | 981+00 | 5 | |
| 10 | I-70 | 1025+00 | 5 | |
| 13 | I-70 | 1085+00 | 5 | |
| 14 | I-70 | 1112+50 | 5 | |
| 15 | I-70 | 1153+00 | 5 | |
| 17 | I-70 | 1192+00 | 5 | |
| 17 | I-70 | 1213+00 | 5 | |
| 19 | I-70 | 1252+50 | 5 | |
| 19 | I-70 | 1260+00 | 5 | |
| 23 | I-70 | 1351+25 | 5 | |
| 23 | I-70 | 1368+00 | 5 | |
| 24 | I-70 | 1395+00 | 5 | |
| | | SUBTOTAL: | 90 | |
| | | PAY TOTAL: | 90 | |

*STATION CALLOUT FOR CENTER LOCATION (FIVE INSTALLATIONS PER LOCATION)

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SUMMARY OF QUANTITIES
SHEET 19 OF 27

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

11/13/2025 7:36:09 AM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
11/12/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

## PERMANENT PAVEMENT MARKING

| PM & SIGNING SHEET NO. X OF 61 | ROADWAY | STA | STA | LOC | 6" SOLID YELLOW CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS L.F. | 6" SOLID WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS L.F. | 6" INTERMITTENT WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS L.F. | 6" DOTTED WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS L.F. | 12" SOLID WHITE CLASS 2 PAVEMENT MARKING PAINT 25-MIL TYPE L BEADS L.F. | INLAID PAVEMENT MARKERS EA. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | I-70 EB | 765+00 | 784+00 | RT | 1900 | 1900 | 475 | | | | |
| 1 | I-70 WB | 765+00 | 784+00 | LT | 1900 | 1900 | 475 | | | | |
| 2 | I-70 EB | 784+00 | 811+00 | RT | 2837 | 2837 | 913 | 138 | 463 | 45 | INCLUDING RTE 5 RAMP 2 |
| 2 | I-70 WB | 784+00 | 811+00 | LT | 2881 | 2879 | 675 | 175 | 408 | 33 | INCLUDING RTE 5 RAMP 1 |
| 3 | I-70 EB | 811+00 | 838+00 | RT | 2855 | 2852 | 1350 | 175 | 408 | 67 | INCLUDING RTE 5 RAMP 4 |
| 3 | I-70 WB | 811+00 | 838+00 | LT | 2896 | 2896 | 1050 | 141 | 412 | 52 | INCLUDING RTE 5 RAMP 3 |
| 4 | I-70 EB | 838+00 | 865+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 4 | I-70 WB | 838+00 | 865+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 5 | I-70 EB | 865+00 | 892+00 | RT | 2700 | 2700 | 1350 | 59 | | 67 | |
| 5 | I-70 WB | 865+00 | 892+00 | LT | 2700 | 2700 | 1350 | 132 | | 67 | |
| 6 | I-70 EB | 892+00 | 919+00 | RT | 3028 | 3024 | 1350 | 171 | 813 | 67 | INCLUDING RTE B RAMP 2 & RAMP 4 |
| 6 | I-70 WB | 892+00 | 919+00 | LT | 3070 | 3356 | 1350 | 86 | 653 | 67 | INCLUDING RTE B RAMP 1 & RAMP 3 |
| 7 | I-70 EB | 919+00 | 946+00 | RT | 2700 | 2701 | 1350 | 230 | 40 | 67 | |
| 7 | I-70 WB | 919+00 | 946+00 | LT | 2700 | 2880 | 1350 | 446 | 421 | 67 | INCLUDING REST AREA RAMP 1 |
| 8 | I-70 EB | 946+00 | 973+00 | RT | 2819 | 2816 | 1350 | 275 | 475 | 67 | INCLUDING REST AREA RAMP 2 & RAMP 4 |
| 8 | I-70 WB | 946+00 | 973+00 | LT | 2914 | 2917 | 1350 | 141 | 355 | 67 | INCLUDING REST AREA RAMP 3 |
| 9 | I-70 EB | 973+00 | 1000+00 | RT | 2700 | 2700 | 1350 | 92 | | 67 | |
| 9 | I-70 WB | 973+00 | 1000+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 10 | I-70 EB | 1000+00 | 1027+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 10 | I-70 WB | 1000+00 | 1027+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 11 | I-70 EB | 1027+00 | 1054+00 | RT | 2853 | 2853 | 1350 | 118 | 562 | 67 | INCLUDING RTE 87 RAMP 2 |
| 11 | I-70 WB | 1027+00 | 1054+00 | LT | 3093 | 2407 | 1350 | 188 | 455 | 67 | INCLUDING RTE 87 RAMP 1 |
| 12 | I-70 EB | 1054+00 | 1081+00 | RT | 2763 | 2762 | 1350 | 177 | 464 | 67 | INCLUDING RTE 87 RAMP 4 |
| 12 | I-70 WB | 1054+00 | 1081+00 | LT | 2873 | 2872 | 1350 | 114 | 577 | 67 | INCLUDING RTE 87 RAMP 3 |
| 13 | I-70 EB | 1081+00 | 1108+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 13 | I-70 WB | 1081+00 | 1108+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 14 | I-70 EB | 1108+00 | 1135+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 14 | I-70 WB | 1108+00 | 1135+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 15 | I-70 EB | 1135+00 | 1162+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 15 | I-70 WB | 1135+00 | 1162+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 16 | I-70 EB | 1162+00 | 1189+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 16 | I-70 WB | 1162+00 | 1189+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 17 | I-70 EB | 1189+00 | 1216+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 17 | I-70 WB | 1189+00 | 1216+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 18 | I-70 EB | 1216+00 | 1243+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 18 | I-70 WB | 1216+00 | 1243+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 19 | I-70 EB | 1243+00 | 1270+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 19 | I-70 WB | 1243+00 | 1270+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 20 | I-70 EB | 1270+00 | 1297+00 | RT | 2700 | 2700 | 1350 | | | 67 | |
| 20 | I-70 WB | 1270+00 | 1297+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 21 | I-70 EB | 1297+00 | 1324+00 | RT | 3086 | 3084 | 1350 | 134 | 378 | 67 | INCLUDING RTE 179 RAMP 2 |
| 21 | I-70 WB | 1297+00 | 1324+00 | LT | 2833 | 2831 | 1350 | 172 | 375 | 67 | INCLUDING RTE 179 RAMP 1 |
| 22 | I-70 EB | 1324+00 | 1351+00 | RT | 2897 | 2895 | 1350 | 155 | 377 | 67 | INCLUDING RTE 179 RAMP 4 |
| 22 | I-70 WB | 1324+00 | 1351+00 | LT | 3187 | 3186 | 1350 | 134 | 396 | 67 | INCLUDING RTE 179 RAMP 3 |
| 23 | I-70 EB | 1351+00 | 1378+00 | RT | 2702 | 2706 | 1352 | | | 67 | |
| 23 | I-70 WB | 1351+00 | 1378+00 | LT | 2699 | 2695 | 1348 | | | 67 | |
| 24 | I-70 EB | 1378+00 | 1405+00 | RT | 2707 | 2726 | 1358 | | | 67 | |
| 24 | I-70 WB | 1378+00 | 1405+00 | LT | 2697 | 2678 | 1344 | | | 67 | |
| 25 | I-70 EB | 1405+00 | 1432+00 | RT | 2652 | 2652 | 1326 | | | 66 | |
| 25 | I-70 WB | 1405+00 | 1432+00 | LT | 2652 | 2652 | 1326 | | | 66 | |
| 26 | I-70 EB | 1432+00 | 1459+00 | RT | 390 | 390 | 97 | | | 4 | |
| 26 | I-70 WB | 1432+00 | 1459+00 | LT | 2700 | 2700 | 1341 | | | 67 | |
| 27 | I-70 WB | 1459+00 | 1486+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 28 | I-70 WB | 1486+00 | 8+00 | LT | 2700 | 2700 | 1350 | | | 67 | |
| 29 | I-70 WB | 8+00 | 35+00 | LT | 2804 | 2887 | 1350 | 86 | 338 | 67 | INCLUDE HWY BB ENTRANCE RAMP |
| 30 | I-70 WB | 35+00 | 40+00 | LT | 487 | 487 | 244 | | | 12 | |
| | | | SUBTOTAL | | 148775 | 148621 | 70024 | 3539 | 8370 | 3427 | |
| | | | PAY TOTAL | | 148775 | 222184 | | | 8370 | 3427 | |

## PERMANENT PAVEMENT MARKING

| PM& SIGNING SHEET NO. X OF61 | ROADWAY | STA | PERFORMED THERMOPLASTIC PAVEMENT MARKING LANE REDUCTION ARROW EA | REMARKS |
|---|---|---|---|---|
| 3 | I-70 WB | 821+75 | 1 | |
| 3 | I-70 WB | 823+75 | 1 | |
| 25 | I-70 EB | 1427+00 | 1 | |
| 25 | I-70 EB | 1429+00 | 1 | |
| | | SUBTOTAL | 4 | |
| | | PAY TOTAL | 4 | |

NOTE:
CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY)

DISCLAIMER
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SUMMARY OF QUANTITIES
SHEET 20 OF 27

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010008809
PROFESSIONAL ENGINEER
10/27/2025 2:38:45 PM
Nicholas Michael Correnti - Civil
MO PE-2010008809

DATE PREPARED
10/27/2025

ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

## PIPE CULVERT AND END SECTIONS

| BEGIN STA. | END STA. | ROUTE | SIDE | 18 IN PIPE GROUP A | 24 IN PIPE GROUP A | 30 IN PIPE GROUP A | 36 IN PIPE GROUP A | 42 IN PIPE GROUP A | 24 IN GROUP A FES | 30 IN GROUP A FES | 36 IN GROUP A FES | 42 IN SAFETY FES | JACKED 24 IN CLASS IV RCP (GASKET TYPE) | JACKED 30 IN CLASS IV RCP (GASKET TYPE) | PIPE COLLAR TYPE A | ROCK LINING | PERMANENT EROSION CONTROL GEOTEXTILE | CLASS 3 EXCAVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | L.F. | L.F. | L.F. | L.F. | L.F. | EA | EA | EA | EA | L.F. | L.F. | EA | C.Y. | S.Y. | C.Y. | |
| 797+90.11 | 797+90.31 | I-70 | RT | | | 51 | | | | 1 | | | | | | 4 | 13 | 63 | D01-RT P-1 |
| 797+91.82 | 799+70.83 | I-70 | RT | | | 179 | | | | | | | | | | | | 129 | D01-RT P-2 |
| 805+89.29 | 806+10.23 | I-70 | LT | | 48 | | | | 1 | | | | | | | 3 | 10 | 63 | D01-LT P-1 |
| 823+01.08 | 824+38.93 | I-70 | LT | | 138 | | | | | | | | | | | | | 143 | D02-LT P-1 |
| 824+41.81 | 824+63.82 | I-70 | LT | | 55 | | | | 1 | | | | | | | 3 | 10 | 64 | D02-LT P-2 |
| 818+82.07 | 820+48.24 | I-70 | RT | | 166 | | | | | | | | | | | | | 206 | D02-RT P-1 |
| 820+52.20 | 822+94.34 | I-70 | RT | | 246 | | | | | | | | | | | | | 375 | D02-RT P-2 |
| 822+98.34 | 824+94.15 | I-70 | RT | | 196 | | | | | | | | | | | | | 435 | D02-RT P-3 |
| 824+98.15 | 826+97.83 | I-70 | RT | | 200 | | | | 1 | | | | | | | 3 | 10 | 300 | D02-RT P-4 |
| 846+68.85 | 846+68.87 | I-70 | LT | | | 21 | | | | 1 | | | | | 1 | | | 8 | CULVERT 4 |
| 897+79.62 | 897+84.94 | I-70 | LT | | 51 | | | | 1 | | | | | | | 3 | 10 | 78 | D03-LT P-1 |
| 897+80.45 | 897+85.71 | I-70 | RT | | 41 | | | | 1 | | | | | | | 3 | 10 | 64 | D03-RT P-1 |
| 911+80.68 | 911+94.18 | I-70 | RT | | 62 | | | | 1 | | | | | | | 3 | 10 | 28 | D04-RT P-1 |
| 912+83.46 | 912+93.10 | I-70 | LT | | 65 | | | | 1 | | | | | | | 3 | 10 | 136 | D04-LT P-1 |
| 952+32.38 | 952+36.07 | I-70 | LT | | 47 | | | | 1 | | | | | | | 3 | 10 | 80 | D05-LT P-1 |
| 969+73.29 | 969+76.73 | I-70 | RT | | 6 | | | | 1 | | | | | | 1 | 5 | 14 | 12 | CULVERT 10 |
| 1023+10.76 | 1023+11.63 | I-70 | RT | | | | | 10 | | | | 1 | | | 1 | 15 | 23 | 38 | CULVERT 12 |
| 1023+24.89 | 1023+25.76 | I-70 | LT | | | | | 10 | | | | 1 | | | 1 | | | 6 | CULVERT 12 |
| 1047+55.88 | 1047+65.51 | I-70 | LT | | 51 | | | | 1 | | | | | | | 3 | 10 | 55 | D06-LT P-1 |
| 1047+65.23 | 1048+31.19 | I-70 | LT | | 64 | | | | | | | | | | | | | 67 | D06-LT P-2 |
| 1047+68.15 | 1047+74.33 | I-70 | RT | | | 59 | | | | 1 | | | | | | 4 | 13 | 23 | D06-RT P-1 |
| 1047+75.86 | 1048+80.25 | I-70 | RT | | 105 | | | | | | | | | | | | | 84 | D06-RT P-2 |
| 1071+23.88 | 1071+23.89 | I-70 | RT | | 17 | | | | 1 | | | | | | 1 | | | 8 | CULVERT 14 |
| 1117+95.50 | 1117+99.40 | I-70 | RT | | | 45 | | | | 1 | | | | | 1 | 4 | 13 | 80 | CULVERT 17 |
| 1118+09.36 | 1118+10.25 | I-70 | LT | | | 10 | | | | 1 | | | | | 1 | | | 6 | CULVERT 17 |
| 1137+11.67 | 1137+14.18 | I-70 | LT | | | 5 | | | | 1 | | | | | 1 | | | 3 | CULVERT 19 |
| 1296+82.41 | 1296+82.47 | I-70 | LT | | | | 15 | | | | 1 | | | | 1 | | | 6 | CULVERT 29 |
| 1318+57.15 | 1318+90.20 | I-70 | RT | | | 94 | | | | 1 | | | | | | 4 | 13 | 345 | CULVERT 31 P-1 |
| 1318+90.85 | 1319+15.27 | I-70 | LT/RT | | | 136 | | | | | | | | 143 | | | | | CULVERT 31 P-2 |
| 1328+69.50 | 1330+59.88 | I-70 | LT | | 191 | | | | | | | | | | | | | 203 | D07-LT P-1 |
| 1330+61.02 | 1330+61.42 | I-70 | LT | | 64 | | | | 1 | | | | | | | 3 | 10 | 76 | D07-LT P-2 |
| 1329+49.57 | 1330+35.57 | I-70 | RT | | 86 | | | | | | | | | | | | | 108 | D07-RT P-1 |
| 1330+39.42 | 1331+50.43 | I-70 | RT | | 120 | | | | 1 | | | | | | | 3 | 10 | 186 | D07-RT P-2 |
| 1332+38.36 | 1332+43.31 | I-70 | RT | | | | 13 | | | | 1 | | | | 1 | | | 5 | CULVERT 32 |
| 1372+40.22 | 1375+40.87 | I-70 | RT | | 301 | | | | | | | | | | | | | 558 | D08 P-1 |
| 1375+42.87 | 1377+88.45 | I-70 | RT | | 246 | | | | | | | | | | | | | 769 | D08 P-2 |
| 1377+79.83 | 1377+89.45 | I-70 | RT | | 117 | | | | 1 | | | | 127 | | | 3 | 10 | | D08 P-3 |
| 1377+90.45 | 1381+00.46 | I-70 | RT | | 310 | | | | | | | | | | | | | 620 | D08 P-4 |
| 1376+64.80 | 1376+65.61 | I-70 | RT | | 5 | | | | 1 | | | | | | 1 | | | 2 | CULVERT 35 |
| 1384+18.85 | 1384+20.27 | I-70 | RT | | 89 | | | | | | | | 100 | | | 3 | 10 | | D09 P-1 |
| 1384+21.26 | 1387+20.04 | I-70 | RT | | 299 | | | | | | | | | | | | | 706 | D09 P-2 |
| 1390+20.71 | 1392+19.95 | I-70 | RT | | 199 | | | | | | | | | | | | | 527 | D10 P-1 |
| 1392+20.80 | 1392+20.98 | I-70 | RT | | 106 | | | | | | | | 116 | | | 3 | 10 | | D10 P-2 |
| 1392+21.94 | 1395+17.55 | I-70 | RT | | 296 | | | | | | | | | | | | | 480 | D10 P-3 |
| 1391+87.62 | 1391+88.09 | I-70 | RT | | 10 | | | | 1 | | | | | | 1 | 3 | 10 | 11 | CULVERT 36 |
| 1402+00.97 | 1402+15.10 | I-70 | RT | | 20 | | | | 1 | | | | | | 1 | | | 5 | CULVERT 37 |
| 1413+90.00 | 1413+90.00 | I-70 | LT/RT | 3 | | | | | | | | | | | | | | 2 | D11 P-1 |
| 1413+91.00 | 1415+89.66 | I-70 | RT | 200 | | | | | | | | | | | 1 | | | 210 | D11 P-2 |
| | | | TOTAL: | 203 | 4017 | 600 | 28 | 20 | 17 | 7 | 2 | 2 | 343 | 143 | 14 | 81 | 239 | 7373 | |

## BOX CULVERT EXTENSION

| BEGIN STA. | END STA. | ROUTE | SIDE | CLASS B-1 CONCRETE | REINFORCING STEEL | CULVERT CLEANOUT | ROCK LINING | PERMANENT EROSION CONTROL GEOTEXTILE | CLASS 4 EXCAVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | C.Y. | LBS | EA | C.Y. | S.Y. | C.Y. | |
| 889+77.42 | 889+76.65 | I-70 | LT | 18.4 | 1,735 | 1 | | | 17 | CULVERT 6 |
| 889+95.75 | 889+96.43 | I-70 | RT | 17.0 | 1,599 | 1 | 12 | 14 | 60 | CULVERT 6 |
| 930+59.24 | 930+54.53 | I-70 | LT | 12.8 | 1,160 | 1 | | | 26 | CULVERT 8 |
| 1037+12.31 | 1037+14.65 | I-70 | LT | 37.9 | 3,689 | 1 | | | 38 | CULVERT F |
| 1101+26.71 | 1101+28.88 | I-70 | RT | 11.8 | 1,248 | 1 | 111 | 134 | 32 | CULVERT 16 |
| 1101+91.54 | 1101+93.63 | I-70 | LT | 11.6 | 1,224 | 1 | | | 11 | CULVERT 16 |
| | | | TOTAL: | 109.5 | 10,660 | 6 | 123 | 148 | 184 | |

## PAVEMENT UNDERDRAINAGE

| BEGIN STA. | END STA. | ROUTE | SIDE | PIPE AGGREGATE PAVEMENT EDGE DRAIN | PERMANENT EROSION CONTROL GEOTEXTILE | REMARKS |
|---|---|---|---|---|---|---|
| | | | | L.F. | S.Y. | |
| 1372+36.11 | 1375+40.87 | I-70 | RT | 305 | 113 | |
| 1375+42.87 | 1377+88.45 | I-70 | RT | 246 | 91 | |
| 1377+90.45 | 1381+00.46 | I-70 | RT | 310 | 115 | |
| 1381+04.46 | 1384+19.27 | I-70 | RT | 315 | 117 | |
| 1384+21.26 | 1387+20.06 | I-70 | RT | 299 | 111 | |
| 1387+22.03 | 1390+18.71 | I-70 | RT | 297 | 110 | |
| 1390+20.71 | 1392+19.95 | I-70 | RT | 199 | 74 | |
| 1392+21.94 | 1395+17.55 | I-70 | RT | 296 | 110 | |
| | | | TOTAL: | 2267 | 841 | |

DISCLAIMER
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SUMMARY OF QUANTITIES
SHEET 21 OF 27

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

## DRAINAGE STRUCTURES

| STA. | ROUTE | SIDE | PRECAST CONCRETE DROP INLET 3 FT X 3 FT | PRECAST CONCRETE DROP INLET 4 FT X 2 FT | PRECAST CONCRETE DROP INLET 5 FT X 3 FT | PRECAST CONCRETE MANHOLE 48 IN | GRATE AND BEARING PLATE 3 FT X 3 FT | CURVED GRATE AND BEARING FRAME 4 FT X 2 FT | GRATE AND BEARING PLATE 5 FT X 3 FT | MANHOLE FRAME AND COVER TYPE 4 | CLASS 3 EXCAVATION | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | F.T. | F.T. | F.T. | F.T. | EA | EA | EA | EA | CY | |
| 797+90.32 | I-70 | RT | 4.0 | | | | 1 | | | | 6 | D01-RT I-1 |
| 799+72.33 | I-70 | RT | | | 4.0 | | | | 1 | | 6 | D01-RT I-2 |
| 806+10.22 | I-70 | LT | 4.0 | | | | 1 | | | | 3 | D01-LT I-1 |
| 822+99.56 | I-70 | LT | 4.0 | | | | 1 | | | | 5 | D02-LT I-1 |
| 824+40.93 | I-70 | LT | | | | 5.0 | | | | 1 | 6 | D02-LT MH-1 |
| 818+80.57 | I-70 | RT | 3.0 | | | | 1 | | | | 7 | D02-RT I-1 |
| 820+50.24 | I-70 | RT | | | | 7.0 | | | | 1 | 7 | D02-RT MH-1 |
| 822+96.34 | I-70 | RT | | | | 10.0 | | | | 1 | 8 | D02-RT MH-2 |
| 824+96.15 | I-70 | RT | | | | 9.0 | | | | 1 | 8 | D02-RT MH-3 |
| 897+88.01 | I-70 | LT | 4.0 | | | | 1 | | | | 4 | D03-LT I-1 |
| 897+85.75 | I-70 | RT | 4.0 | | | | 1 | | | | 4 | D03-RT I-1 |
| 911+80.72 | I-70 | RT | 4.0 | | | | 1 | | | | 4 | D04-RT I-1 |
| 912+83.42 | I-70 | LT | 4.0 | | | | 1 | | | | 2 | D04-LT I-1 |
| 952+32.31 | I-70 | LT | 4.0 | | | | 1 | | | | 4 | D05-LT I-1 |
| 1047+65.79 | I-70 | LT | | | | 5.0 | | | | 1 | 7 | D06-LT MH-1 |
| 1048+32.19 | I-70 | LT | 4.0 | | | | 1 | | | | 5 | D06-LT I-1 |
| 1047+74.36 | I-70 | RT | 4.0 | | | | 1 | | | | 4 | D06-RT I-1 |
| 1048+81.75 | I-70 | RT | 4.0 | | | | 1 | | | | 4 | D06-RT I-2 |
| 1318+90.55 | I-70 | RT | 7.0 | | | | 1 | | | | 8 | CULVERT 31 I-1 |
| 1319+15.25 | I-70 | LT | 5.0 | | | | 1 | | | | 6 | CULVERT 31 I-2 |
| 1328+68.00 | I-70 | LT | 4.0 | | | | 1 | | | | 5 | D07-LT I-1 |
| 1328+61.38 | I-70 | LT | 6.0 | | | | 1 | | | | 4 | D07-LT I-2 |
| 1329+48.02 | I-70 | RT | 4.0 | | | | 1 | | | | 6 | D07-RT I-1 |
| 1330+37.57 | I-70 | RT | | | | 5.0 | | | | 1 | 7 | D07-RT MH-1 |
| 1372+39.22 | I-70 | RT | | 6.0 | | | | 1 | | | 12 | D08 I-1 |
| 1375+40.87 | I-70 | RT | | 8.0 | | | | 1 | | | 14 | D08 I-2 |
| 1377+89.45 | I-70 | RT | | 14.0 | | | | 1 | | | 16 | D08 I-3 |
| 1381+01.46 | I-70 | RT | | 6.0 | | | | 1 | | | 11 | D08 I-4 |
| 1384+20.27 | I-70 | RT | | 12.0 | | | | 1 | | | 13 | D09 I-1 |
| 1387+21.03 | I-70 | RT | | 5.0 | | | | 1 | | | 16 | D09 I-2 |
| 1390+19.71 | I-70 | RT | | 6.0 | | | | 1 | | | 13 | D10 I-1 |
| 1392+20.95 | I-70 | RT | | 15.0 | | | | 1 | | | 42 | D10 I-2 |
| 1395+18.55 | I-70 | RT | | 6.0 | | | | 1 | | | 15 | D10 I-3 |
| 1413+90.00 | I-70 | LT | | 5.0 | | | | 1 | | | 5 | D11 I-1 |
| 1413+90.00 | I-70 | RT | | 5.0 | | | | 1 | | | 5 | D11 I-2 |
| | | TOTAL: | 73 | 88 | 4 | 41 | 17 | 11 | 1 | 6 | 292 | |

## FLOWABLE BACKFILL

| BEGIN STA. | END STA. | ROUTE | SIDE | FLOWABLE BACKFILL C.Y. | REMARKS |
|---|---|---|---|---|---|
| 797+96.45 | 797+96.58 | I-70 | CL/RT | 6.6 | 57' EXISTING 24" PIPE |
| 826+95.03 | 826+95.13 | I-70 | CL/RT | 4.7 | 72' EXISTING 18" PIPE |
| 842+92.01 | 842+92.13 | I-70 | CL/RT | 9.9 | 85' EXISTING 24" PIPE |
| 861+40.00 | 861+40.44 | I-70 | CL/LT | 10.0 | 86' EXISTING 24" PIPE |
| 881+36.62 | 881+36.69 | I-70 | CL/LT | 14.0 | 77' EXISTING 30" PIPE |
| 897+85.50 | 897+85.94 | I-70 | CL/RT | 6.4 | 55' EXISTING 24" PIPE |
| 928+81.82 | 928+81.94 | I-70 | CL/RT | 7.8 | 67' EXISTING 24" PIPE |
| 949+81.26 | 950+11.63 | I-70 | CL/LT | 17.6 | 151' EXISTING 24" PIPE |
| 969+59.90 | 969+60.00 | I-70 | CL/RT | 9.1 | 78' EXISTING 24" PIPE |
| 987+78.19 | 987+78.66 | I-70 | CL/RT | 8.1 | 70' EXISTING 24" PIPE |
| 1006+76.90 | 1006+76.90 | I-70 | CL/RT | 10.6 | 91' EXISTING 24" PIPE |
| 1022+76.14 | 1022+76.16 | I-70 | CL/RT | 9.9 | 85' EXISTING 24" PIPE |
| 1042+74.57 | 1042+74.70 | I-70 | CL/RT | 8.5 | 73' EXISTING 24" PIPE |
| 1100+08.97 | 1100+09.24 | I-70 | CL/LT | 13.1 | 72' EXISTING 30" PIPE |
| 1117+79.23 | 1117+81.34 | I-70 | CL/RT | 8.8 | 76' EXISTING 24" PIPE |
| 1151+63.34 | 1151+63.49 | I-70 | CL/RT | 7.8 | 67' EXISTING 24" PIPE |
| 1159+65.55 | 1159+65.83 | I-70 | CL/RT | 11.2 | 96' EXISTING 24" PIPE |
| 1194+64.45 | 1194+64.62 | I-70 | CL/RT | 9.2 | 79' EXISTING 24" PIPE |
| 1248+77.13 | 1248+77.38 | I-70 | CL/RT | 8.4 | 72' EXISTING 24" PIPE |
| 1258+83.84 | 1259+03.92 | I-70 | CL | 1.3 | 20' EXISTING 18" PIPE |
| 1278+59.21 | 1278+59.73 | I-70 | CL/RT | 8.5 | 73' EXISTING 24" PIPE |
| 1296+34.43 | 1296+80.59 | I-70 | CL | 5.4 | 46' EXISTING 24" PIPE |
| 1330+55.89 | 1330+56.01 | I-70 | LT/RT | 21.6 | 119' EXISTING 30" PIPE |
| 1366+10.99 | 1366+11.18 | I-70 | CL/RT | 9.3 | 80' EXISTING 24" PIPE |
| 1392+53.16 | 1392+52.72 | I-70 | CL/RT | 4.2 | 64' EXISTING 18" PIPE |
| 1407+76.96 | 1047+77.07 | I-70 | CL/RT | 8.2 | 125' EXISTING 18" PIPE |
| | | | TOTAL: | 240 | |

## DITCH LINING

| BEGIN STA. | END STA. | ROUTE | SIDE | FURNISHING TYPE 2 ROCK DITCH LINER C.Y. | PLACING TYPE 2 ROCK DITCH LINER C.Y. | PERMANENT EROSION CONTROL GEOTEXTILE S.Y. | REMARKS |
|---|---|---|---|---|---|---|---|
| 845+00.00 | 848+10.00 | I-70 | LT | 81 | 81 | 243 | 323' x 7' |
| 848+10.00 | 848+90.00 | I-70 | LT | 9 | 9 | 27 | 83' x 4' |
| 857+00.00 | 858+10.00 | I-70 | RT | 29 | 29 | 87 | 100' x 7' |
| 867+00.00 | 867+80.00 | I-70 | LT | 9 | 9 | 27 | 81' x 3' |
| 883+10.00 | 884+30.00 | I-70 | LT | 32 | 32 | 96 | 124' x 7' |
| 986+00.00 | 987+00.00 | I-70 | LT | 23 | 23 | 69 | 103' x 6' |
| 986+20.00 | 897+20.00 | I-70 | RT | 29 | 29 | 87 | 100' x 7' |
| 1022+80.00 | 1023+26.00 | I-70 | LT | 13 | 13 | 39 | 50' x 6' |
| 1023+26.00 | 1024+10.00 | I-70 | LT | 21 | 21 | 63 | 106' x 4' |
| 1023+50.00 | 1024+10.00 | I-70 | RT | 16 | 16 | 48 | 61' x 7' |
| 1031+80.00 | 1032+40.00 | I-70 | LT | 12 | 12 | 36 | 61' x 5' |
| 1069+90.00 | 1071+24.00 | I-70 | RT | 40 | 40 | 120 | 139' x 8' |
| 1071+24.00 | 1073+95.00 | I-70 | RT | 72 | 72 | 216 | 274' x 7' |
| 1117+60.00 | 1118+00.00 | I-70 | LT | 7 | 7 | 21 | 41' x 4' |
| 1119+00.00 | 1120+00.00 | I-70 | RT | 15 | 15 | 45 | 101' x 4' |
| 1136+19.50 | 1137+83.50 | I-70 | LT | 44 | 44 | 132 | 168' x 7' |
| 1295+70.00 | 1297+07.50 | I-70 | LT | 36 | 36 | 108 | 144' x 7' |
| 1305+50.35 | 1308+10.35 | I-70 | LT | 70 | 70 | 210 | 269' x 7' |
| 1373+80.00 | 1374+70.00 | I-70 | LT | 23 | 23 | 69 | 90' x 7' |
| 1388+00.00 | 1389+00.00 | I-70 | RT | 27 | 27 | 81 | 104' x 7' |
| | | | TOTAL: | 608 | 608 | 1824 | |

## MODIFIED EXISTING MEDIAN DROP INLETS

| BEGIN STA. | ROUTE | SIDE | MODIFIED EXISTING MEDIAN DROP INLETS EA | REMARKS |
|---|---|---|---|---|
| 1060+91.32 | I-70 | CL | 1 | CULVERT 13 |
| | | TOTAL: | 1 | |

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SUMMARY OF QUANTITIES
SHEET 22 OF 27

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED, AND DATED ELECTRONICALLY.

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 3
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 – JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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## GUARDRAIL

| LOCATION | STA. | STA. | TYPE A CRASHWORTHY END TERMINAL (MASH) | TYPE E CRASHWORTHY END TERMINAL (MASH) | MGS GUARDRAIL, 8 FT. POSTS, 6 FT. -3 IN. SPACING | MGS END ANCHOR | MGS VERTICAL CONCRETE BARRIER TRANSITION | MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | EA | EA | L.F. | EA | EA | EA | |
| CL I-70 | 786+67.15 | 786+89.38 | | 1 | | | | | |
| EB I-70 | 786+89.38 | 798+58.08 | 1 | | 1080.5 | 1 | | | |
| EB I-70 | 809+77.16 | 812+57.00 | 1 | | 191.6 | | 1 | | |
| EB I-70 | 825+13.31 | 848+07.89 | 1 | | 2206.3 | 1 | | | |
| EB I-70 | 869+75.85 | 898+46.84 | 1 | | 2782.7 | 1 | | | |
| EB I-70 | 903+75.95 | 906+55.95 | 1 | | 191.8 | 1 | | | |
| EB I-70 | 911+09.00 | 916+74.28 | 1 | | 477.0 | 1 | | | |
| EB I-70 | 925+38.35 | 934+61.89 | 1 | | 835.3 | 1 | | | |
| EB I-70 | 960+84.52 | 970+33.05 | 1 | | 860.3 | 1 | | | |
| EB I-70 | 985+41.72 | 1012+46.35 | 1 | | 2616.4 | 1 | | | |
| EB I-70 | 1031+32.77 | 1043+44.79 | 1 | | 1123.8 | 1 | | | |
| EB I-70 | 1053+30.34 | 1056+10.34 | 1 | | 191.8 | 1 | | | |
| EB I-70 | 1089+30.14 | 1102+87.46 | 1 | | 1269.1 | 1 | | | |
| EB I-70 | 1122+18.08 | 1127+92.36 | 1 | | 486.0 | 1 | | | |
| EB I-70 | 1133+80.12 | 1162+50.00 | 1 | | 2781.6 | 1 | | | |
| EB I-70 | 1179+00.00 | 1184+12.35 | 1 | | 424.1 | 1 | | | |
| EB I-70 | 1190+70.14 | 1207+27.16 | 1 | | 1568.8 | 1 | | | |
| EB I-70 | 1217+58.36 | 1232+61.00 | 1 | | 1414.4 | | 1 | | |
| EB I-70 | 1236+34.24 | 1250+12.36 | 1 | | 1289.9 | 1 | | | |
| EB I-70 | 1268+50.00 | 1298+18.64 | 1 | | 2880.4 | 1 | | | |
| EB I-70 | 1304+25.96 | 1309+60.65 | 1 | | 446.4 | 1 | | | |
| EB I-70 | 1320+98.67 | 1323+75.00 | 1 | | 188.1 | | 1 | | |
| EB I-70 | 1338+25.01 | 1349+29.28 | 1 | | 1016.0 | 1 | | | |
| EB I-70 | 1360+70.00 | 1366+92.36 | 1 | | 534.1 | 1 | | | |
| EB I-70 | 1372+12.75 | 1394+63.19 | 1 | | 2162.2 | 1 | | | |
| EB I-70 | 1406+27.03 | 1407+97.91 | 1 | | 82.6 | | | 1 | |
| EB I-70 | 1409+71.95 | 1420+90.00 | | | 1080.5 | | | 1 | |
| WB I-70 | 781+55.79 | 798+82.65 | 1 | | 1638.6 | 1 | | | |
| WB I-70 | 803+46.00 | 805+80.53 | 1 | | 146.3 | 1 | | | |
| WB I-70 | 813+88.00 | 816+68.50 | 1 | | 192.3 | | 1 | | |
| WB I-70 | 825+77.03 | 843+41.53 | 1 | | 1676.3 | 1 | | | |
| WB I-70 | 855+97.64 | 862+66.15 | 1 | | 580.3 | 1 | | | |
| WB I-70 | 872+91.64 | 885+74.38 | 1 | | 1194.5 | 1 | | | |
| WB I-70 | 888+60.00 | 899+29.41 | 1 | | 981.2 | 1 | | | |
| WB I-70 | 905+94.06 | 908+74.06 | 1 | | 191.8 | 1 | | | |
| WB I-70 | 912+29.01 | 916+50.86 | 1 | | 333.6 | 1 | | | |
| WB I-70 | 928+00.00 | 938+22.72 | 1 | | 934.5 | 1 | | | |
| WB I-70 | 950+18.52 | 971+28.51 | 1 | | 2021.7 | 1 | | | |
| WB I-70 | 998+30.00 | 1017+75.51 | 1 | | 1857.3 | 1 | | | |
| WB I-70 | 1033+27.75 | 1045+60.03 | 1 | | 1144.0 | 1 | | | |
| WB I-70 | 1055+36.77 | 1058+16.77 | 1 | | 191.8 | 1 | | | |
| WB I-70 | 1069+72.72 | 1076+68.33 | 1 | | 607.4 | 1 | | | |
| WB I-70 | 1093+92.12 | 1129+86.44 | 1 | | 3506.1 | 1 | | | |
| WB I-70 | 1147+07.64 | 1183+95.32 | 1 | | 3599.4 | 1 | | | |
| WB I-70 | 1193+87.64 | 1210+60.54 | 1 | | 1584.6 | 1 | | | |
| WB I-70 | 1220+87.67 | 1227+82.61 | 1 | | 606.7 | 1 | | | |
| WB I-70 | 1232+91.00 | 1249+91.58 | 1 | | 1612.3 | | 1 | | |
| WB I-70 | 1269+87.61 | 1283+97.90 | 1 | | 1322.0 | 1 | | | |
| WB I-70 | 1318+08.00 | 1323+34.00 | | | 488.5 | 1 | 1 | | |
| WB I-70 | 1323+59.00 | 1326+39.00 | 1 | | 191.8 | | 1 | | |
| WB I-70 | 1330+07.09 | 1348+61.03 | 1 | | 1765.7 | 1 | | | |
| WB I-70 | 1362+37.64 | 1367+55.27 | 1 | | 429.4 | 1 | | | |
| WB I-70 | 1375+00.00 | 1380+50.00 | 1 | | 461.8 | 1 | | | |
| WB I-70 | 1389+97.59 | 1394+50.05 | 1 | | 364.2 | 1 | | | |
| WB I-70 | 1398+49.97 | 1407+90.18 | | | 852.0 | 1 | | 1 | |
| WB I-70 | 1409+73.60 | 1420+90.00 | | | 1078.9 | | | 1 | |
| | | TOTAL: | 51 | 1 | 61737 | 46 | 7 | 4 | |

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SUMMARY OF QUANTITIES
SHEET 23 OF 27

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

| SIGN | SIZE IN. | AREA SQ.FT. | QTY EACH | TOTAL AREA SQ.FT. | QTY RELOC EACH | TOTAL RELOC SQ.FT. | SIGN NUM. | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| **WARNING SIGNS** | | | | | | | | |
| WO1-1L | 48X48 | 16.00 | | | | | | TURN (SYMBOL LEFT) |
| WO1-1R | 48X48 | 16.00 | | | | | | TURN (SYMBOL RIGHT) |
| WO1-2L | 48X48 | 16.00 | | | | | | CURVE (SYMBOL LEFT) |
| WO1-2R | 48X48 | 16.00 | | | | | | CURVE (SYMBOL RIGHT) |
| WO1-3L | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL LEFT) |
| WO1-3R | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL RIGHT) |
| WO1-4L | 48X48 | 16.00 | | | | | | REVERSE CURVE (SYMBOL LEFT) |
| WO1-4R | 48X48 | 16.00 | | | | | | REVERSE CURVE (SYMBOL RIGHT) |
| WO1-4bL | 48X48 | 16.00 | 22 | 352.00 | 32 | 512.00 | 7 | DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT) |
| WO1-4bR | 48X48 | 16.00 | 24 | 384.00 | 44 | 704.00 | 6 | DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT) |
| WO1-4cL | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT) |
| WO1-4cR | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT) |
| WO1-6 | 60X30 | 12.50 | | | | | | HORIZONTAL ARROW (SYMBOL) |
| WO1-6a | 72X36 | 18.00 | | | | | | HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE) |
| WO1-7 | 60X30 | 12.50 | | | | | | DOUBLE HEAD HORIZONTAL ARROW (SYMBOL) |
| WO1-7a | 72X36 | 18.00 | | | | | | DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.) |
| WO1-8 | 18X24 | 3.00 | | | | | | CHEVRON (SYMBOL) |
| WO1-8a | 30X36 | 7.50 | | | | | | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) |
| WO3-1 | 48X48 | 16.00 | | | | | | STOP AHEAD (SYMBOL) |
| WO3-2 | 48X48 | 16.00 | | | | | | YIELD AHEAD (SYMBOL) |
| WO3-3 | 48X48 | 16.00 | | | | | | SIGNAL AHEAD (SYMBOL) |
| WO3-4 | 48X48 | 16.00 | | | | | | BE PREPARED TO STOP |
| WO3-5 | 48X48 | 16.00 | 4 | 64.00 | 12 | 192.00 | 2 | SPEED LIMIT AHEAD (60) |
| WO3-5 | 48X48 | 16.00 | 4 | 64.00 | 12 | 192.00 | 4 | SPEED LIMIT AHEAD (50) |
| WO4-1R | 48X48 | 16.00 | | | | | | MERGE (SYMBOL FROM RIGHT) |
| WO4-1aL | 48X48 | 16.00 | | | | | | MERGE (LEFT) |
| WO4-1aR | 48X48 | 16.00 | | | | | | MERGE (RIGHT) |
| WO5-1 | 48X48 | 16.00 | | | | | | ROAD/BRIDGE/RAMP NARROWS |
| WO5-3 | 48X48 | 16.00 | | | | | | ONE LANE BRIDGE |
| WO5-5 | 48X48 | 16.00 | | | | | | NARROW LANES |
| WO6-1 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY (SYMBOL) |
| WO6-2 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY END (SYMBOL) |
| WO6-3 | 48X48 | 16.00 | | | | | | TWO WAY TRAFFIC (SYMBOL) |
| WO7-3a | 30X24 | 5.00 | 2 | 10.00 | 6 | 30.00 | 13 | NEXT XX MILES (PLAQUE) |
| WO8-1 | 48X48 | 16.00 | | | | | | BUMP |
| WO8-2 | 48X48 | 16.00 | | | | | | DIP |
| WO8-3 | 48X48 | 16.00 | | | | | | PAVEMENT ENDS |
| WO21-5aR | 48X48 | 16.00 | 26 | 416.00 | 0 | | 9 | RIGHT SHOULDER CLOSED |
| WO8-5 | 48X48 | 16.00 | | | | | | SLIPPERY WHEN WET (SYMBOL) |
| WO8-6 | 48X48 | 16.00 | | | | | | TRUCK CROSSING |
| WO8-6c | 48X48 | 16.00 | | | | | | TRUCK ENTRANCE |
| WO8-7 | 36X36 | 9.00 | | | | | | LOOSE GRAVEL |
| WO8-7a | 36X36 | 9.00 | | | | | | FRESH OIL / LOOSE GRAVEL |
| WO8-9 | 48X48 | 16.00 | | | | | | LOW SHOULDER |
| WO8-11 | 48X48 | 16.00 | | | | | | UNEVEN LANES |
| WO8-12 | 48X48 | 16.00 | | | | | | NO CENTER LINE |
| WO8-15 | 48X48 | 16.00 | | | | | | GROOVED PAVEMENT |
| WO8-15P | 30X24 | 5.00 | | | | | | MOTORCYCLE (PLAQUE) |
| WO8-17L | 48X48 | 16.00 | | | | | | SHOULDER DROP-OFF (SYMBOL LEFT) |
| WO8-17R | 48X48 | 16.00 | | | | | | SHOULDER DROP-OFF (SYMBOL RIGHT) |
| WO8-17P | 30X24 | 5.00 | | | | | | SHOULDER DROP-OFF (PLAQUE) |
| W9-3a | 48x48 | 9.62 | 7 | 67.34 | 1 | 9.62 | 34 | RAILROAD CROSSING |
| WO12-1 | 24X24 | 4.00 | 6 | 24.00 | 1 | 4.00 | 33 | DOUBLE DOWN ARROW (SYMBOL) |
| WO12-2 | 48X48 | 16.00 | | | | | | LOW CLEARANCE (SYMBOL) |
| W012-2x | 24X18 | 3.00 | | | | | | LOW CLEARANCE (PLAQUE) |
| WO12-2a | 84X24 | 14.00 | | | | | | OVERHEAD LOW CLEARANCE (FEET AND INCHES) |
| WO12-4 | 120X60 | 50.00 | | | | | | LOW CLEARANCE XX FT XX IN XX MILES AHEAD |
| WO12-5 | 120X60 | 50.00 | | | | | | WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD |
| WO13-1 | 30X30 | 6.25 | 46 | 287.50 | 32 | 200.00 | 11 | ADVISORY SPEED (PLAQUE) |
| WO16-2 | 30X24 | 5.00 | 2 | 10.00 | | | 12 | XXX FEET (PLAQUE) |
| WO16-3 | 30X24 | 5.00 | | | | | | X MILE (PLAQUE) |
| WO20-1 | 48X48 | 16.00 | 15 | 240.00 | 16 | 256.00 | 1 | ROAD/BRIDGE/RAMP WORK AHEAD |
| WO20-2 | 48X48 | 16.00 | 2 | 32.00 | 14 | 224.00 | 14 | DETOUR AHEAD |
| WO20-3 | 48X48 | 16.00 | | | | | | ROAD CLOSED AHEAD |
| WO20-4 | 48X48 | 16.00 | | | | | | ONE LANE ROAD AHEAD |
| WO20-5 | 48X48 | 16.00 | | | | | | RIGHT/CENTER/LEFT LANE CLOSED AHEAD |
| WO20-5a | 48X48 | 16.00 | | | | | | 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD |
| WO20-6a | 48X48 | 16.00 | | | | | | RIGHT/CENTER/LEFT LANE CLOSED |
| WO20-7a | 48X48 | 16.00 | | | | | | FLAGGER (SYMBOL) |
| WO21-2 | 36X36 | 9.00 | | | | | | FRESH OIL |
| WO21-5 | 48X48 | 16.00 | 2 | 32.00 | 2 | 32.00 | 32 | SHOULDER WORK / SHOULDER WORK AHEAD |
| WO22-1 | 48X48 | 16.00 | | | | | | BLASTING ZONE AHEAD |
| WO22-2 | 42X36 | 10.50 | | | | | | TURN OFF 2-WAY RADIO AND PHONE |
| WO22-3 | 42X36 | 10.50 | | | | | | END BLASTING ZONE |
| GO22-1 | 21X15 | 2.19 | | | | | | WET PAINT (ARROW PIVOTS) |

| SIGN | SIZE IN. | AREA SQ.FT. | QTY EACH | TOTAL SQ.FT. | QTY RELOC EACH | TOTAL RELOC SQ.FT. | SIGN NUM. | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| **GUIDE SIGNS** | | | | | | | | |
| E05-1 | 36X48 | 12.00 | 10 | 120.00 | 15 | 180.00 | 40 | GORE EXIT |
| E05-2A | 48X36 | 12.00 | | | | | | EXIT CLOSED |
| E05-2E | 48X36 | 12.00 | 2 | 24.00 | 14 | 168.00 | 26 | RAMP CLOSED |
| GO20-1 | 60X24 | 10.00 | 2 | 20.00 | 8 | 80.00 | 13 | ROAD WORK NEXT XX MILES |
| GO20-2 | 48X24 | 8.00 | 13 | 104.00 | 13 | 104.00 | 8 | END ROAD WORK |
| GO20-5aP | 36X24 | 6.00 | 20 | 120.00 | 24 | 144.00 | 10 | WORK ZONE (PLAQUE) |
| M1-1 | 36X36 | 9.00 | | | | | | I-70 SHIELD |
| M1-5 | 36X36 | 9.00 | | | | | | MO 87 |
| M1-5 | 36X36 | 9.00 | | | | | | MO 5 |
| M1-5 | 36X36 | 9.00 | | | | | | MO 179 |
| M1-5A | 36X36 | 9.00 | | | | | | RT B |
| MO4-8 | 24X18 | 3.00 | | | | | | DETOUR (PLAQUE) |
| MO4-8a | 24X18 | 3.00 | | | | | | END DETOUR |
| M3-2 | 24X18 | 3.00 | | | | | | EAST |
| M3-4 | 24X18 | 3.00 | | | | | | WEST |
| MO4-10L | 48X18 | 6.00 | 1 | 6.00 | 7 | 42.00 | 27 | DETOUR ARROW (LEFT) |
| M6-1R | 21X15 | 2.19 | | | | | | RIGHT ARROW |
| M6-1L | 21X15 | 2.19 | | | | | | LEFT ARROW |
| M6-2R | 21X15 | 2.19 | | | | | | 45 DEGREE RIGHT ARROW |
| **REGULATORY SIGNS** | | | | | | | | |
| R1-1 | 48X48 | 13.25 | | | | | | STOP |
| R1-2 | 48TRI. | 6.93 | | | | | | YIELD |
| R1-2a | 36X36 | 9.00 | | | | | | TO ONCOMING TRAFFIC (PLAQUE) |
| R1-3P | 30X12 | 2.50 | | | | | | ALL WAY (PLAQUE) |
| R2-1 | 36X48 | 12.00 | 4 | 48.00 | 6 | 72.00 | 3 | SPEED LIMIT 60MPH |
| R2-1 | 36X48 | 12.00 | 20 | 240.00 | 16 | 192.00 | 5 | SPEED LIMIT 50 MPH |
| R2-1 | 36X48 | 16.00 | 4 | 64.00 | 6 | 96.00 | 39 | SPEED LIMIT 70 MPH |
| R3-3 | 36X36 | 9.00 | | | | | | NO TURNS |
| R3-4 | 48X48 | 16.00 | | | | | | NO U-TURN (SYMBOL) |
| R3-7L | 30X30 | 6.25 | | | | | | LEFT LANE MUST TURN LEFT |
| R3-7R | 30X30 | 6.25 | | | | | | RIGHT LANE MUST TURN RIGHT |
| R4-1 | 36X48 | 12.00 | | | | | | DO NOT PASS |
| | | | | | | | | |
| R11-2 | 48X30 | 10.00 | | | | | | ROAD CLOSED |
| | | | | | | | | ROAD CLOSED XX MILES AHEAD |
| R11-4 | 60X30 | 12.50 | | | | | | ROAD CLOSED TO THRU TRAFFIC |
| CONST-3A | 60X48 | 20.00 | 12 | 240.00 | 48 | 960.00 | 35 | FINE SIGN |
| CONST-3X | 56X12 | 4.67 | | | | | | SPEEDING/PASSING (PLATE) |
| **MISCELLANEOUS SIGNS** | | | | | | | | |
| CONST-5 | 48X36 | 12.00 | | | | | | POINT OF PRESENCE |
| CONST-5 | 96X48 | 32.00 | 2 | 64.00 | 8 | 256.00 | 35 | POINT OF PRESENCE |
| CONST-8 | 48X36 | 12.00 | 2 | 24.00 | 8 | 96.00 | 29 | WORK ZONE NO PHONE ZONE |
| SP-1 | 90X24 | 15.00 | 4 | 60.00 | 16 | | 52 | "CLOSED" ON EXIT GUIDE SIGNS |
| SP-2 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 15 | DETOUR MO 5 LEFT ARROW |
| SP-3 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 16 | DETOUR MO 5 45 DEG RIGHT ARROW |
| SP-4 | 36x78 | 19.50 | 3 | 58.50 | 9 | | 17 | DETOUR WEST I-70 LEFT ARROW |
| SP-5 | 36x78 | 19.50 | 1 | 19.50 | 3 | | 18 | DETOUR WEST I-70 45 DEG RT ARROW |
| SP-6 | 36x60 | 15.00 | 1 | 15.00 | 3 | | 19 | DETOUR WEST I-70 RIGHT |
| SP-7 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 20 | DETOUR RT B LEFT ARROW |
| SP-8 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 21 | DETOUR RT B 45 DEG RIGHT ARROW |
| SP-9 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 22 | DETOUR MO 87 LEFT ARROW |
| SP-10 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 23 | DETOUR MO 87 45 DEG RIGHT ARROW |
| SP-11 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 24 | DETOUR MO 179 LEFT ARROW |
| SP-12 | 36x60 | 15.00 | 2 | 30.00 | 2 | | 35 | DETOUR MO 179 45 DEG RIGHT ARROW |
| SP-13 | 36x78 | 19.50 | 3 | 58.50 | 9 | | 36 | DETOUR EAST I-70 LEFT ARROW |
| SP-14 | 36x78 | 19.50 | 1 | 19.50 | 3 | | 37 | DETOUR E I-70 45 DEG RIGHT ARROW |
| SP-15 | 36x78 | 19.50 | 1 | 19.50 | 3 | | 38 | DETOUR EAST I-70 RIGHT ARROW |
| SP-16 | 96x48 | 32.00 | 1 | 32.00 | | | 53 | WIDE LOADS USE RT LANE NEXT X MI |
| SP-17 | 96x48 | 32.00 | 1 | 32.00 | | | 54 | WIDE LOADS USE LT LANE NEXT X MI |
| SP-18 | 96x48 | 32.00 | 1 | 32.00 | | | 55 | WIDE LOADS OVER 12FT USE RT LANE |
| SP-19 | 96x48 | 32.00 | 1 | 32.00 | | | 56 | WIDE LOADS OVER 12FT USE LT LANE |
| SP-20 | 114x72 | 57.00 | 3 | 171.00 | | | 57 | RESTRICTED WIDTH 12FT XMI AHEAD |
| SP-21 | 114x72 | 57.00 | 3 | 171.00 | | | 58 | RESTRICTED WIDTH 12 FT XMI AHEAD |

| 616-10.05 CONSTRUCTION SIGNS | TOTAL |
|---|---|
| | 4018 |

| 616-10.10 RELOCATED SIGNS | TOTAL |
|---|---|
| | 4746 |

| ITEM | TOTAL | DESCRIPTION |
|---|---|---|
| 6122019 | 2 | IMPACT ATTENUATOR 70 MPH (SAND BARRELS) |
| 6122020 | 10 | REPLACEMENT SAND BARREL |
| 6122030 | 6 | IMPACT ATTENUATOR (RELOCATION) |
| 6122040 | 12 | WORK ZONE CRASH CUSION (NARROW) |
| 6122041 | 24 | WORK ZONE CRASH CUSION(NARROW)(RELOCATION) |
| 6161020 | 1149 | CHANNELIZER (DRUM-LIKE) |
| 6161013 | | CHANNELIZER (CONE) |
| 6161030 | 50 | TYPE III MOVEABLE BARRICADE |
| 6161040 | 1 | FLASHING ARROW PANEL |
| 6161095 | 2 | RADAR SPEED ADVISORY SYSTEM |
| 6161099 | 5 | CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED |
| 6162002 | 16 | TEMPORARY LONG-TERM RUMBLE STRIPS |
| 6173600D | 193521 | TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED |
| 6174000A | 2 | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION |
| 6175010A | 138520 | RELOCATING TEMPORARY TRAFFIC BARRIER |
| 6178001 | 1598 | TRAFFIC BARRIER DELINEATOR WHITE |
| 6178003A | 3196 | TRAFFIC BARRIER DELINEATOR YELLOW/YELLOW |
| 6208076 | 464929 | 4 IN TEMP. PAVEMENT MARKING PAINT(WHITE) |
| 6208076 | 379094 | 4 IN TEMP. PAVEMENT MARKING PAINT(YELLOW) |
| 6207001 | 311607 | PAVEMENT MARKING REMOVAL |
| 6173700B | 1179 | TEMP TRAFFIC BARRIER ANCHORED CONTRACTOR FURNISHED/RETAINED |
| 6175011B | | RELOCATING TEMPORARY TRAFFIC BARRIER |
| 6173707 | | TEMP TRAFFIC BARRIER STIFFNESS TRANSITION SECTION |

EFFECTIVE: 07-01-2024

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| CD | 3 |

COUNTY: COOPER

JOB NO.: JST0017B

CONTRACT ID.: -

PROJECT NO.: -

BRIDGE NO.: -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

SUMMARY OF QUANTITIES
SHEET 24 OF 27

## JST0017B BID ITEMS

| BID ITEM NO. | BID ITEM DESCRIPTION | QUANTITY | UNITS |
|---|---|---|---|
| GRADING (LUMP SUM BID ITEM NO. 203.99.01) | | | |
| 2013000 | CLEARING AND GRUBBING | 41.0 | ACRE |
| 2035000 | UNCLASSIFIED EXCAVATION | 231,943 | C.Y. |
| 2036000 | COMPACTING EMBANKMENT | 58,669 | C.Y. |
| 2037075 | COMPACTING IN CUT | 622 | STA. |
| ALTERNATE PAVEMENT A (LUMP SUM BID ITEM NO. 505.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 766,000 | S.Y. |
| 3030610A | PLACING ROCK BASE 12" THICK | 766,000 | S.Y. |
| 5021311 | CONCRETE PAVEMENT (11 IN. NON-REINFORCED, 15 FT. JOINTS) | 656,708.5 | S.Y. |
| 6262000A | PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP | 2,474.2 | STA. |
| ALTERNATE PAVEMENT B (LUMP SUM BID ITEM NO. 403.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 766,000 | S.Y. |
| 3030610A | PLACING ROCK BASE 12" THICK | 766,000 | S.Y. |
| 4039905 | 14.5 IN. ASPHALTIC CONCRETE MIXTURE | 656,708.5 | S.Y. |
| 6261000A | BITUMINOUS SHOULDER RUMBLE STRIP | 2,474.2 | STA. |
| ALTERNATE PAVEMENT C - TYPE A2 SHOULDERS - CONCRETE (LUMP SUM BID ITEM NO. 505.99.01) | | | |
| 5021340 | TYPE A2 SHOULDER | 109,282.2 | S.Y. |
| ALTERNATE PAVEMENT D - TYPE A2 SHOULDERS - ASPHALT (LUMP SUM BID ITEM NO. 403.99.01) | | | |
| 4010150 | TYPE A2 SHOULDER | 109,282.2 | S.Y. |
| ALTERNATE PAVEMENT E - STRENGTHENED CONCRETE SHOULDERS (LUMP SUM BID ITEM NO. 505.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 16,771 | S.Y. |
| 3049905 | MISC. {TYPE 5 AGGREGATE FOR BASE (14.5 IN. THICK)} | 16,771 | S.Y. |
| 5029905 | CONCRETE PAVEMENT (8 1/2 IN. NON-REINFORCED, 12 FT. JOINTS) | 16,770.8 | S.Y. |
| ALTERNATE PAVEMENT F - STRENGTHENED ASPHALT SHOULDERS (LUMP SUM BID ITEM NO. 403.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 16,771 | S.Y. |
| 3049905 | MISC. {TYPE 5 AGGREGATE FOR BASE (16 IN. THICK)} | 16,771 | S.Y. |
| 4039905 | 10.5 IN. ASPHALTIC CONCRETE MIXTURE | 16,770.8 | S.Y. |
| GUARDRAIL AND GUARD CABLE (LUMP SUM BID ITEM NO. 606.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 11 | S.Y. |
| 6061061 | MGS GUARDRIAL, 8 FT. POSTS, 6 FT. - 3IN. SPACING | 61,737 | L.F. |
| 6061069 | MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) | 4 | EACH |
| 6061070 | MGS VERTICAL CONCRETE BARRIER TRANSITION | 7 | EACH |
| 6061080 | MGS END AHCHOR | 46 | EACH |
| 6063014 | TYPE A CRASHWORTHY END TERMINAL (MASH) | 51 | EACH |
| 6063022 | TYPE E CRASHWORTHY END TERMINAL (MASH) | 1 | EACH |
| 6064100 | MEDIAN GUARD CABLE 3 - STRAND | 200 | L.F. |
| 6064110 | ANCHOR ASSEMBLY, GUARD CABLE 3-STRAND | 1 | EACH |
| LIGHTING AND ITS (LUMP SUM BID ITEM NO. 901.99.01) | | | |
| 9011064 | LIGHTING POLE, 45 FT. OR 13.5 M, TYPE AT DESIGN 1 | 19 | EACH |
| 9011115 | BRACKET ARM, 15 FT. OR 4.6 M | 20 | EACH |
| 9011312 | LUMINAIRE, LED-B | 20 | EACH |
| 9012230 | BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT | 2 | EACH |
| 9013003 | CONDUIT, 3 IN. RIGID, IN TRENCH | 36 | L.F. |
| 9014003 | CONDUIT, 3 IN. RIDIG, PUSHED | 1,302 | L.F. |
| 9015010 | TRENCHING TYPE I | 10,881 | L.F. |
| 9016120 | PULL BOX, CONCRETE, STANDARD | 20 | EACH |
| 9017002 | CABLE, 2 AWG 1 CONDUCTOR | 70 | L.F. |
| 9017110 | CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET | 2,600 | L.F. |
| 9017202 | WIRE, 2 AWG, BARE NEUTRAL | 40 | L.F. |
| 9017407 | CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG | 12,980 | L.F. |
| 9018245 | POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT) | 20 | EACH |
| 9018610 | POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY | 2 | EACH |
| 9019902 | MISC. {LIGHTING POLE, 40 FT. OR 12.2 M, TYPE AT DESIGN 3} | 1 | EACH |
| 9103700 | CCTV CAMERA ASSEMBLY, INSTALLED | 1 | EACH |
| 9105201 | CONDUIT, 3 IN., RIGID, IN TRENCH | 175 | L.F. |
| 9107201 | CONDUIT, 3 IN., RIGID, PUSHED | 300 | L.F. |
| 9108202 | CABLE, 2 AWG, 1 CONDUCTOR, POWER | 530 | L.F. |
| 9108402 | WIRE, 2 AWG, BARE NEUTRAL | 270 | L.F. |
| 9108621 | POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, ITS | 1 | EACH |
| 9108820 | PULL BOX, CONCRETE, STANDARD | 2 | EACH |
| 9109100 | BASE, CONCRETE | 1 | C.Y. |
| 9109901 | MISC. {PERMANENT TRAFFIC COUNTING SYSTEM} | 1 | L.S. |
| 9109902 | MISC. {CCTV POLE, 60 FT, WITH LOWERING DEVICE, FURNISH AND INSTALL} | 1 | EACH |
| PERMANENT SIGNING (LUMP SUM BID ITEM NO. 903.99.01) | | | |
| 9031005 | SQUARE STEEL SIGN POST (4 IN.) BASE | 10 | EACH |
| 9031010 | CONCRETE FOOTINGS, EMBEDDED | 61.1 | C.Y. |
| 9031020 | CONCRETE FOOTINGS, BOLT DOWN | 35.7 | C.Y. |
| 9031210 | STRUCTURAL STEEL POSTS | 29,420 | LBS |
| 9031220 | PIPE POSTS | 4,600 | LBS |
| 9031230 | 4 IN. SQUARE STEEL POST | 199 | L.F. |
| 9031252 | 7 FT. CHANNEL POST DELINEATOR, DOUBLE STACKED WHITE | 161 | EACH |
| 9031256 | 7 FT. CHANNEL POST DELINEATOR, WHITE | 48 | EACH |
| 9031257A | 7 FT. CHANNEL POST DELINEATOR, YELLOW | 11 | EACH |
| 9031258 | 7 FT. CHANNEL POST DELINEATOR, WHITE/RED | 36 | EACH |
| 9031259A | 7 FT. CHANNEL POST DELINEATOR, YELLOW/RED | 17 | EACH |
| 9031270A | 2 IN. PSST POST - 12 GA. | 1,920 | L.F. |
| 9031274 | CONCRETE POST ANCHOR FOR 2 IN. PSST- 7 GA. | 120 | EACH |
| 9035004A | SH-FLAT SHEET | 1,123 | S.F. |
| 9035011A | ST-STRUCTURAL | 5,079 | S.F. |
| 9035069A | SHF-FLAT SHEET FLUORESCENT | 316 | S.F. |
| 9035071A | STF-STRUCTURAL FLUORESCENT | 82 | S.F. |
| 9038000 | TEMPORARY GROUND MOUNTED LOGO SIGNS | 18 | EACH |
| 9039901 | MISC. {SIGN NO. 47, OVERHEAD CANTILEVER TRUSS, 26' - 6"} | 1 | L.S. |
| 9039901 | MISC. {SIGN NO. 54, OVERHEAD CANTILEVER TRUSS, 26' - 6"} | 1 | L.S. |
| 9039903 | MISC. {GLARE SCREEN ON TRAFFIC SAFETY BARRIER} | 1,950 | L.F. |


STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY


DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165





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## JST0017B BID ITEMS

| BID ITEM NO. | BID ITEM DESCRIPTION | QUANTITY | UNITS |
|---|---|---|---|
| TRAFFIC CONTROL (LUMP SUM BID ITEM NO. 616.99.01)(CONT.) | | | |
| 6161020 | CHANNELIZER (DRUM-LIKE) | 1,149 | EACH |
| 6161030 | TYPE 3 MOVEABLE BARRICADE | 50 | EACH |
| 6161040 | FLASHING ARROW PANEL | 1 | EACH |
| 6161095 | RADAR SPEED ADVISORY SYSTEM | 2 | EACH |
| 6161099 | CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED / RETAINED | 5 | EACH |
| 6162002 | TEMPORARY LONG-TERM RUMBLE STRIPS | 16 | EACH |
| 6169901 | MISC. {WORK ZONE INTELLIGENT TRANSPORTATION SYSTEM} | 1 | L.S. |
| 6207001 | PAVEMENT MARKING REMOVAL | 311,607 | L.F. |
| 6208076 | 4 IN TEMPORARY PAVEMENT MARKING PAINT | 844,023 | L.F. |
| 6214600A | FLOWABLE BACKFILL | 252 | C.Y. |
| 6221003 | COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3 IN. THICK) | 13,060 | S.Y. |
| 7261018 | 18 IN. PIPE GROUP A | 64 | L.F. |
| 7261024 | 24 IN. PIPE GROUP A | 187 | L.F. |
| 7311022 | PRECAST CONCRETE DROP INLET 2 FT X 2 FT | 107 | L.F. |
| EROSION CONTROL (LUMP SUM BID ITEM NO. 806.99.01) | | | |
| 6113010 | FURNISHING TYPE 1 ROCK BLANKET | 2,631 | C.Y. |
| 6113030 | PLACING TYPE 1 ROCK BLANKET | 2,631 | C.Y. |
| 6113020 | FURNISHING TYPE 2 ROCK BLANKET | 637 | C.Y. |
| 6113040 | PLACING TYPE 2 ROCK BLANKET | 637 | C.Y. |
| 6181020 | ADDITIONAL MOBILIZATION FOR SEEDING | 4 | EACH |
| 6240103A | PERMANENT EROSION CONTROL GEOTEXTILE | 12,789 | S.Y. |
| 8025006 | MULCHING | 82.8 | ACRE |
| 8051000A | SEEDING - COOL SEASON GRASSES | 41.4 | ACRE |
| 8061003 | SEDIMENT TRAP EXCAVATION | 277.5 | C.Y. |
| 8061004 | SEDIMENT TRAP ROCK | 277.5 | C.Y. |
| 8061005 | ROCK DITCH CHECK | 3,876 | L.F. |
| 8061006 | ALTERNATE DITCH CHECK | 7,280 | L.F. |
| 8061007A | CURB INLET CHECK | 6 | EACH |
| 8061017 | TEMPORARY SEEDING | 41.4 | ACRE |
| 8061019 | SILT FENCE | 60,731 | L.F. |
| 8064140 | TYPE 3B EROSION CONTROL BLANKET | 42,571 | S.Y. |
| MEDIAN BARRIER (LUMP SUM BID ITEM NO. 617.99.01) | | | |
| 2051010 | MODIFIED SUBGRADE | 2,762 | S.Y. |
| 3030610A | PLACING ROCK BASE | 2,773 | S.Y. |
| 5021305 | CONCRETE PAVEMENT (5 3/4 IN. NON-REINFORCED, 15 FT. JOINTS) | 1,165.6 | S.Y. |
| 5021312 | CONCRETE PAVEMENT (12 IN. NON-REINFORCED 15 FT. JOINTS) | 1,607 | S.Y. |
| 6173000 | CONCRETE TRAFFIC BARRIER, TYPE C | 61,501 | L.F. |
| 6173100 | CONCRETE TRAFFIC BARRIER, TYPE D | 182 | L.F. |
| 6173101 | CONCRETE TRAFFIC BARRIER, TYPE D (MODIFIED) | 1,950 | L.F. |
| 6179902 | MISC. {WILDLIFE CROSSINGS} | 90 | EACH |
| 6179903 | MISC. {CONCRETE TRAFFIC BARRIER, TYPE D (MEDIAN)(MODIFIED)} | 1,950 | L.F. |
| 6262000A | PORTLAND CEMENT CONCRETE SHOULDER RUMBLE STRIP | 78 | STA. |
| PERMANENT PAVEMENT MARKING (LUMP SUM BID ITEM NO. 602.99.01) | | | |
| 6200054 | PREFORMED THERMOPLASTIC PAVEMENT MARKING, LANE REDUCTION ARROW | 4 | EACH |
| 6205902B | 6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) | 222,184 | L.F. |
| 6205903B | 6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) | 148,775 | L.F. |
| 6205906B | 12 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) | 8,370 | L.F. |
| 6209902 | MISC. {INLAID PAVEMENT MARKER INSTALLATION} | 3,427 | EACH |
| DRAINAGE (LUMP SUM BID ITEM NO. 726.99.01) | | | |
| 2063000 | CLASS 3 EXCAVATION | 7,665 | C.Y. |
| 2063300 | CLASS 4 EXCAVATION | 184 | C.Y. |
| 2063500 | CULVERT CLEANOUT | 6 | EACH |
| 4030132 | ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125BSM MIX) | 47.2 | TON |
| 5021110 | CONCRETE PAVEMENT (10 IN. NON-REINF) | 432 | S.Y. |
| 6044011 | PIPE COLLAR, TYPE A | 14 | EACH |
| 6053030A | PIPE AGGREGATE PAVEMENT EDGE DRAIN | 2,267 | L.F. |
| 6096020 | FURNISHING TYPE 2 ROCK DITCH LINER | 608 | C.Y. |
| 6096042 | PLACING TYPE 2 ROCK DITCH LINER | 608 | C.Y. |
| 6097000 | ROCK LINING | 204 | C.Y. |
| 6141022 | GRATE AND BEARING PLATE (3 FT. X 3 FT.) | 17 | EACH |
| 6141024 | GRATE AND BEARING PLATE (5 FT. X 3 FT.) | 1 | EACH |
| 6141121 | CURVED GRATE AND BEARING PLATE (4 FT. X 2 FT) | 11 | EACH |
| 6143014 | MANHOLE FRAME AND COVER, TYPE 4 | 6 | EACH |
| 6214600A | FLOWABLE BACKFILL | 240 | C.Y. |
| 6240103A | PERMANENT EROSION CONTROL GEOTEXTILE | 3,052 | S.Y. |
| 7034001 | CLASS B-1 CONCRETE | 109.5 | C.Y. |
| 7061030 | REINFORCING STEEL (CULVERTS) | 10,660 | LBS |
| 7261018 | 18 IN. PIPE GROUP A | 203 | L.F. |
| 7261024 | 24 IN. PIPE GROUP A | 4,017 | L.F. |
| 7261030 | 30 IN. PIPE GROUP A | 600 | L.F. |
| 7261036 | 36 IN. PIPE GROUP A | 28 | L.F. |
| 7261042 | 42 IN. PIPE GROUP A | 20 | L.F. |
| 7265024 | JACKED 24 IN. CLASS III REINFORCED CONCRETE PIPE CULVERTS (GASKET TYPE) | 343 | L.F. |
| 7265030 | JACKED 30 IN. CLASS III REINFORCED CONCRETE PIPE CULVERTS (GASKET TYPE) | 143 | L.F. |
| 7310048 | PRECAST CONCRETE MANHOLE - 48 IN. | 41 | EACH |
| 7311033 | PRECAST CONCRETE DROP INLET 3 FT X 3 FT | 73 | L.F. |
| 7311042 | PRECAST CONCRETE DROP INLET 4 FT X 2 FT | 88 | L.F. |
| 7311053 | PRECAST CONCRETE DROP INLET 5 FT X 3 FT | 4 | L.F. |
| 7319902 | MISC. {MODIFY EXISTING MEDIAN DROP INLETS} | 1 | EACH |
| 7320624A | 24 IN. OR ALLOWED SUBTITUTE GROUP A FLARED END SECTION | 17 | EACH |
| 7320630A | 30 IN. OR ALLOWED SUBTITUTE GROUP A FLARED END SECTION | 7 | EACH |
| 7320636A | 36 IN. OR ALLOWED SUBTITUTE GROUP A FLARED END SECTION | 2 | EACH |
| 7321019A | 42 IN. OR ALLOWED SUBTITUTE SAFETY FLARED END SECTION | 2 | EACH |
| GENERAL - ROADWAY (PAID FOR PER THE UNIT BID PRICE OF EACH BID ITEM) | | | |
| 2010000 | MOWING | 248.4 | ACRE |
| 2022010 | REMOVAL OF IMPROVEMENTS | 1 | L.S. |
| 6181000 | MOBILIZATION | 1 | L.S. |
| 6181015 | RAILROAD PLAN SUBMITTAL | 1 | L.S. |
| 6274000 | CONTRACTOR FURNISHED SURVEYING AND STAKING | 1 | L.S. |
| 8061016 | SEDIMENT REMOVAL | 715 | C.Y. |
| 6173600D | TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED | 193,521 | L.F. |
| 6173700B | TEMPORARY TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED / RETAINED | 1,179 | L.F. |
| 6174000A | TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED / RETAINED | 2 | EACH |
| 6175010A | RELOCATING TEMPORARY TRAFFIC BARRIER | 138,520 | L.F. |

SUMMARY OF QUANTITIES
SHEET 26 OF 27

STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## JST0017B BID ITEMS

| BID ITEM NO. | BID ITEM DESCRIPTION | QUANTITY | UNITS |
|---|---|---|---|
| TRAFFIC CONTROL (LUMP SUM BID ITEM NO. 616.99.01) | | | |
| 2063000 | CLASS 3 EXCAVATION | 366 | C.Y. |
| 4011209 | BITUMINOUS PAVEMENT MIXTURE PG70-22, (BP-1) | 25,291 | TON |
| 4013000 | BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE) | 4,546 | TON |
| 6122019 | IMPACT ATTENUATOR 70 MPH (SAND BARREL ARRAY) | 2 | EACH |
| 6122020 | REPLACEMENT SAND BARREL | 10 | EACH |
| 6122030 | IMPACT ATTENUATOR (RELOCATION) | 6 | EACH |
| 6122040 | WORK ZONE CRASH CUSHION (NARROW) | 12 | EACH |
| 6122041 | WORK ZONE CRASH CUSHION (NARROW)(RELOCATION) | 24 | EACH |
| 6161005 | CONSTRUCTION SIGNS | 4,018 | S.F. |
| 6161010 | RELOCATED SIGNS | 4,746 | S.F. |
| GENERAL - ROADWAY (PAID FOR PER THE UNIT BID PRICE OF EACH BID ITEM)(CONT.) | | | |
| 6178003A | TRAFFIC BARRIER DELINEATOR, YELLOW/YELLOW | 3,196 | EACH |
| 6178004 | TRAFFIC BARRIER DELINEATOR, WHITE/WHITE | 1,598 | EACH |
| GENERAL - BRIDGE A01532 (PAID FOR PER THE UNIT BID PRICE OF EACH BID ITEM) | | | |
| 7011105 | DRILLED SHAFTS (3 FT. 6 IN. DIA) | 186 | L.F. |
| 7011204 | ROCK SOCKETS (3 FT. 0 IN. DIA) | 32 | L.F. |
| RETAINING WALL (LUMP SUM BID ITEM NO. 703.99.01) | | | |
| 6091042 | CONCRETE GUTTER TYPE B | 310 | L.F. |
| 6096020 | FURNISHING TYPE 2 ROCK DITCH LINER | 2 | C.Y. |
| 6096042 | PLACING TYPE 2 ROCK DITCH LINER | 2 | C.Y. |
| 6240103A | PERMANENT EROSION CONTROL GEOTEXTILE | 6 | S.Y. |
| 7039904 | MISC. {GRAVITY BLOCK RETAINING WALL} | 1,448 | S.F. |
| BRIDGE A00082 (LUMP SUM BID ITEM NO. 703.99.01) | | | |
| 7049902 | MISC. {PARTIAL REMOVAL OF EXISTING SLAB DRAIN} | 4 | EA. |
| BRIDGE A01532 (LUMP SUM BID ITEM NO. 703.99.01) | | | |
| 2061000 | CLASS 1 EXACAVATION | 40 | C.Y. |
| 2163000 | PARTIAL REMOVAL OF EXISTING BRIDGE DECK | 768 | S.F. |
| 2164000 | CURB REMOVAL | 337 | S.F. |
| 5031010A | BRIDGE APPROACH SLAB (MAJOR) | 479 | S.Y. |
| 6239905 | MISC. {EPOXY URETHANE POLYMER WEARING SURFACE WITH HEALER/SEALER} | 2,321 | S.Y. |
| 7011300 | VIDEO CAMERA INSPECTION | 4 | EACH |
| 7011400 | FOUNDATION INSPECTION HOLES | 72 | L.F. |
| 7011600 | SONIC LOGGING TESTING | 4 | EACH |
| 7021212 | GALVANIZED STRUCTURAL STEEL PILES (12 IN.) | 424 | L.F. |
| 7027000 | PILE POINT REINFORCEMENT | 8 | EACH |
| 7032003 | CLASS B CONCRETE (SUBSTRUCTURE) | 117.4 | C.Y. |
| 7034212 | SLAB ON STEEL | 572 | S.Y. |
| 7034219A | TYPE D BARRIER | 634 | L.F. |
| 7034413 | TYPE C BARRIER TRANSITION | 45 | L.F. |
| 7061060 | REINFORCING STEEL (BRIDGES) | 36,850 | LBS |
| 7121111 | FABRICATED STRUCTURAL LOW ALLOY STEEL (I-BEAM) A709, GRADE 50 | 98,660 | LBS |
| 7123610 | SLAB DRAIN | 18 | EACH |
| 7123620 | DRAINAGE SYSTEM (ON STRUCTURE) | 1 | L.S. |
| 7125397 | FINISH FIELD COAT (SYSTEM L) | 5,000 | S.F. |
| 7151001 | VERTICAL DRAINS AT END BENTS | 2 | EACH |
| 7161003 | LAMINATED NEOPRENE BEARING PAD (TAPERED) | 8 | EACH |
| 7162000 | LAMINATED NEOPRENE BEARING PAD ASSEMBLY | 8 | EACH |
| NON CONTRACTURAL BID ITEMS | | | |
| 1099904 | MISC. {LOGO SIGNS - ST-STRUCTURAL} | 2,538 | S.F. |
| 1099911 | MISC. {LOGO SIGNS - STRUCTURAL STEEL POSTS} | 9,720 | LBS |
| 1099907 | MISC. {LOGO SIGNS - CONCRETE FOOTINGS, EMBEDDED)} | 14.2 | C.Y. |

SUMMARY OF QUANTITIES
SHEET 27 OF 27

STATE OF MISSOURI
RONNIE WILLIAMS
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PROFESSIONAL ENGINEER

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DATE PREPARED
12/4/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 3 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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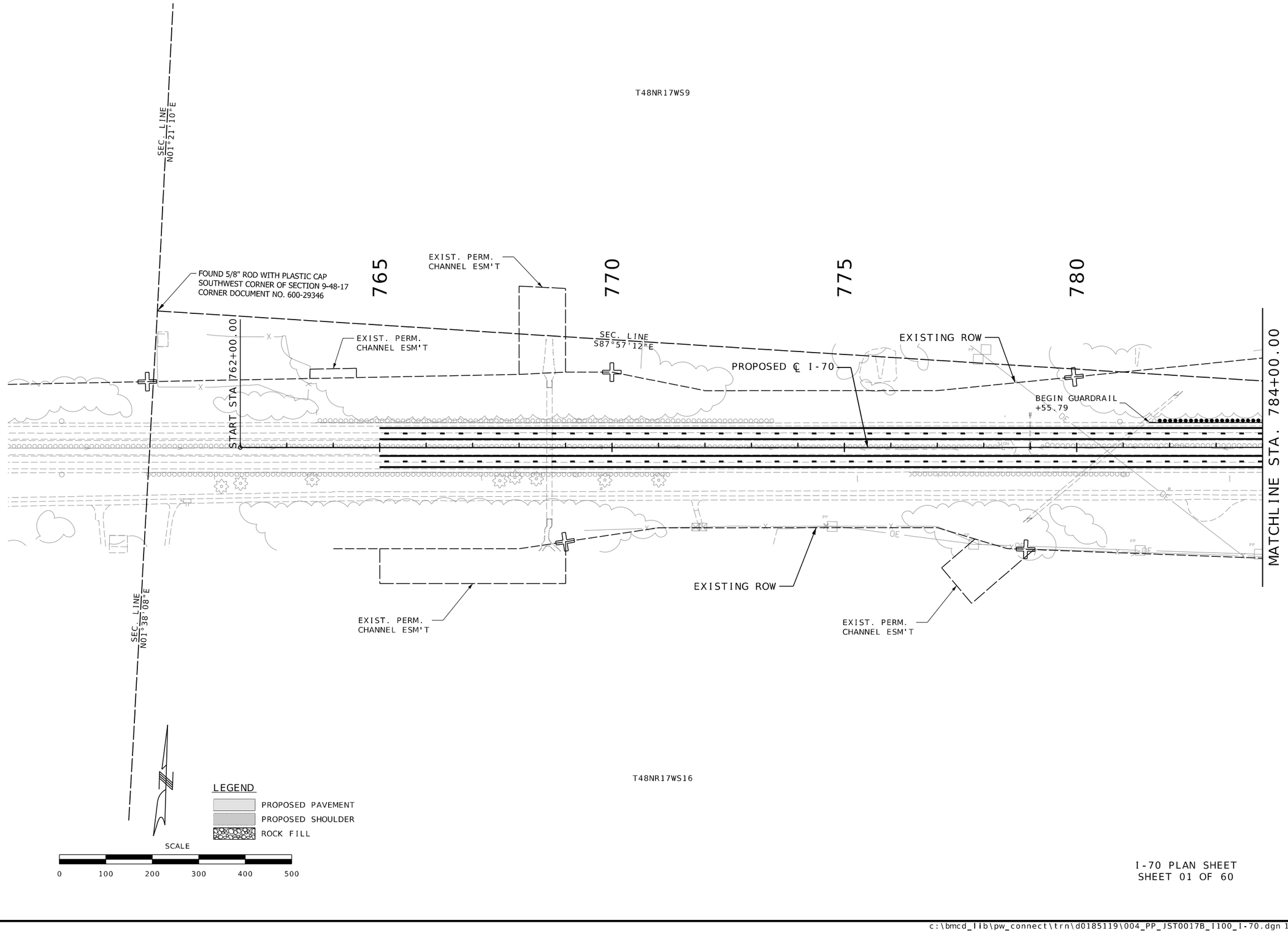
BRIDGE NO.
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| DATE | DESCRIPTION |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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I-70 PLAN SHEET
SHEET 01 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
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PROFESSIONAL ENGINEER

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| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 4 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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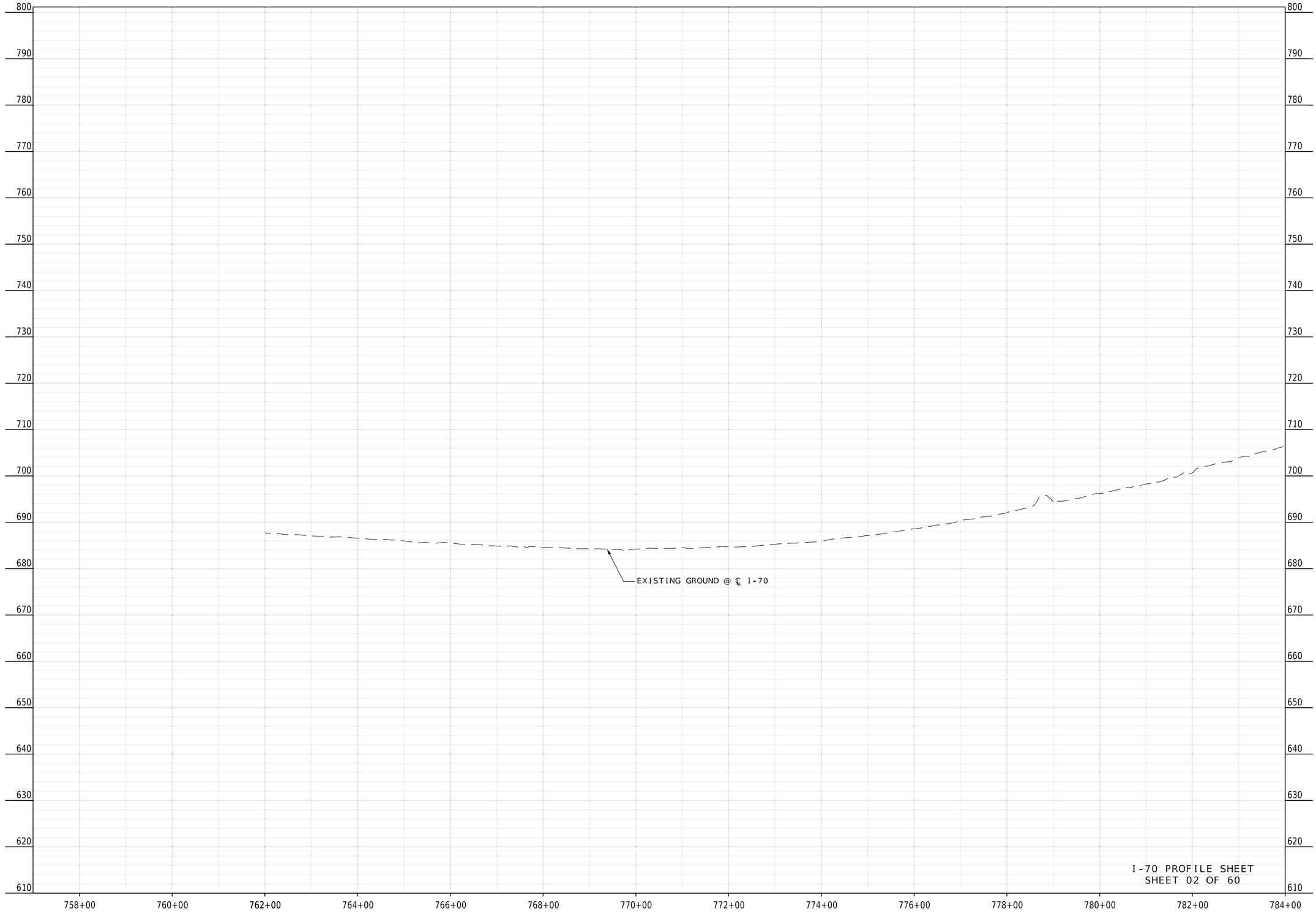
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|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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STATE OF MISSOURI
RONNIE L. WILLIAMS
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 5 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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No.: 000165

D01-LT P-1
STA. 805+89.29 108.60' LT TO
STA. 806+10.23 64.03' LT
INSTALL 48'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D01-LT I-1
STA.806+10.22 64.03' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

PI 12+40.41
PC 10+00.00
PT 14+79.69
Δ 9°35'34.9" (LT)
D 1°59'59.5"
L 479.69' (ARC)
T 240.41'
R 2,865.00'

T48NR17WS9

BEGIN GUARDCABLE +89.38
BEGIN GUARDCABLE 20:1 TRANSITION +09.38
END GUARDCABLE 20:1 TRANSITION +18.79
TYPE E CRASH CUSHION
END GUARDCABLE +89.38

785 790 795 800 805 810

STA. 784+00.00 MATCHLINE

BEGIN TAPER STA 792+77.98 OFF 44.00' LT.
END TAPER STA 795+77.98 OFF 56.00' LT.
EXISTING ROW
PROPOSED ℄ I-70
START STA 10+00.00 RTE 5 RAMP 1 = STA 801+28.06 ℄ I-70
END GUARDRAIL +82.65
BEGIN 4' FBD 796+60.00
END 4' FBD 801+28.06
D01-LT P-1
BEGIN 4' FBD 806+10.00
END GUARDRAIL +80.53
℄ RTE 5 RAMP 1
BEGIN GUARDRAIL +46.00
PT STA 14+79.69 = 15 RTE 5 RAMP 1 ℄ I-70
END STA 15+55.90 RTE 5 RAMP 1 ℄ I-70 STA 806+80.66
SEC. LINE S87°57'12"E
S.L.
4' FBD
(R)
WESTBOUND I-70
EASTBOUND I-70
12' LANE
N78°49'52"E
D01-LT I-1
4' FBD
BEGIN TAPER STA 786+89.38 OFF 44.00' RT.
END TAPER STA 789+39.28 OFF 56.00' RT.
S84°39'08"E
D01-RT I-1
D01-RT P-1
PLUG WITH FLOWABLE FILL
BEGIN 4' FBD 799+70.00
D01-RT I-2
D01-RT P-2
4' FBD
BEGIN GUARDRAIL +77.16
TYPE 2 ROCK DITCH LINER
GUARDCABLE END ANCHOR
GRAVITY BLOCK RETAINING WALL SEE SHEET 89 FOR DETAILS
BEGIN GUARDRAIL +89.38
END GUARDRAIL +58.08
EXIST. PERM. CHANNEL ESM'T
EXISTING ROW
UTV

BEGIN PROJECT - STA. 784+89.38, ℄ I-70
225.80' SOUTH AND 2475.00' EAST OF
NW CORNER OF SECTION 16-48-17

D01-RT P-1
STA. 797+90.11 117.16' TO
STA. 797+90.31 66.63' RT
INSTALL 51'x 30" PIPE, GROUP A
INCL. 1- 30" GROUP A FLARED END SECTION
ROCK LINING= 4 CY

D01-RT I-1
STA. 797+90.32 65.14' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

10 START STA 10+00.00 RTE 5 RAMP 2 = STA 792+89.38 ℄ I-70

℄ RTE 5 RAMP 2

PT STA 13+46.27

PI 11+73.35
PC 10+00.00
PT 13+46.27
Δ 6°55'29.6" (RT)
D 1°59'59.5"
L 346.27' (ARC)
T 173.35'
R 2,865.00'

15 END STA 15+68.71 RTE 5 RAMP 2 = STA 798+55.62 ℄ I-70

T48NR17WS16

D01-RT I-2
STA. 799+72.33 68.06' RT
INSTALL PRECAST CONCRETE
DROP INLET (5FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (5FT X 3FT)

D01-RT P-2
STA. 797+91.82 65.14' RT TO
STA. 799+70.83 68.06' RT
INSTALL 179'x 30" PIPE, GROUP A

I-70 PLAN SHEET
SHEET 03 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 6 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

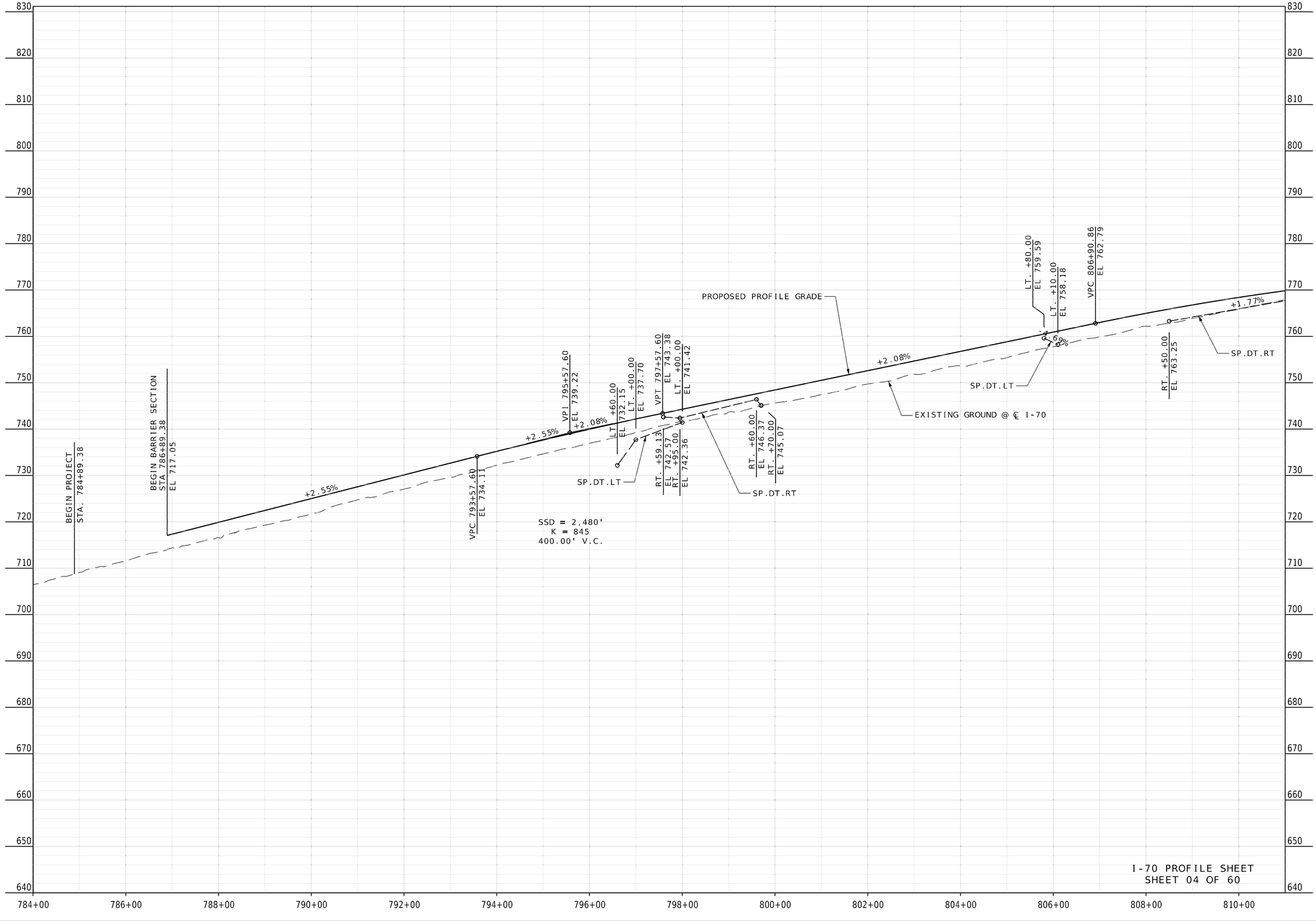
PROJECT NO.
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BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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BURNS McDONNELL
9400 Ward Parkway
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I-70 PROFILE SHEET
SHEET 04 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 7 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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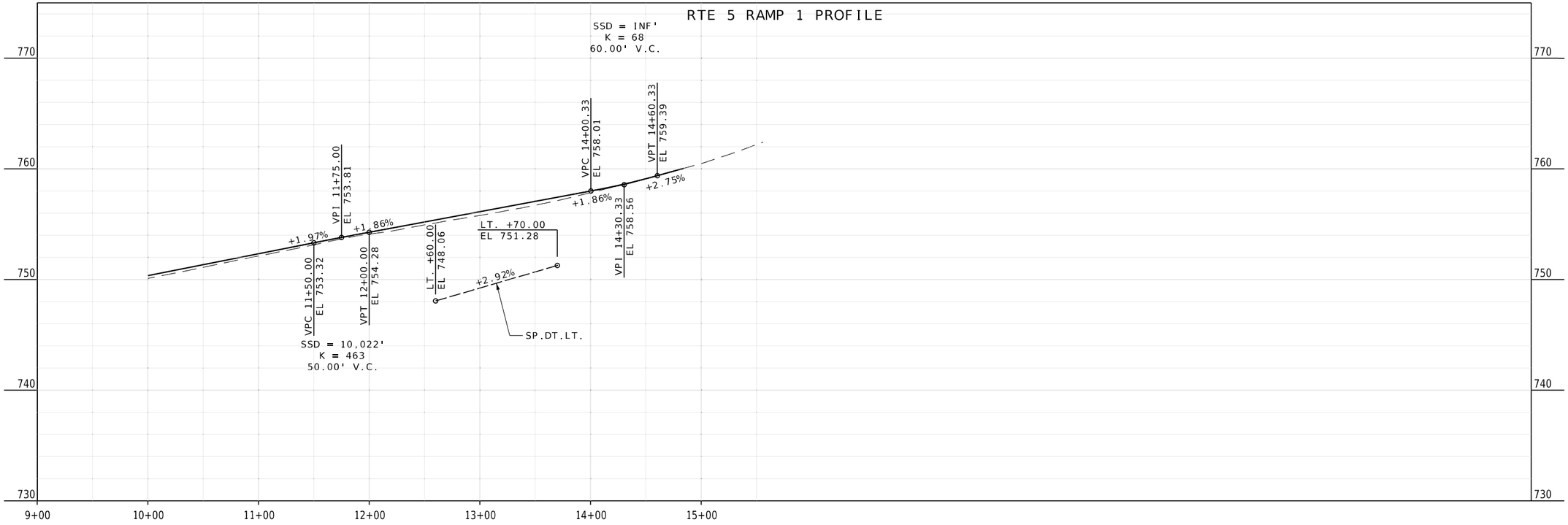
BRIDGE NO.
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|---|---|
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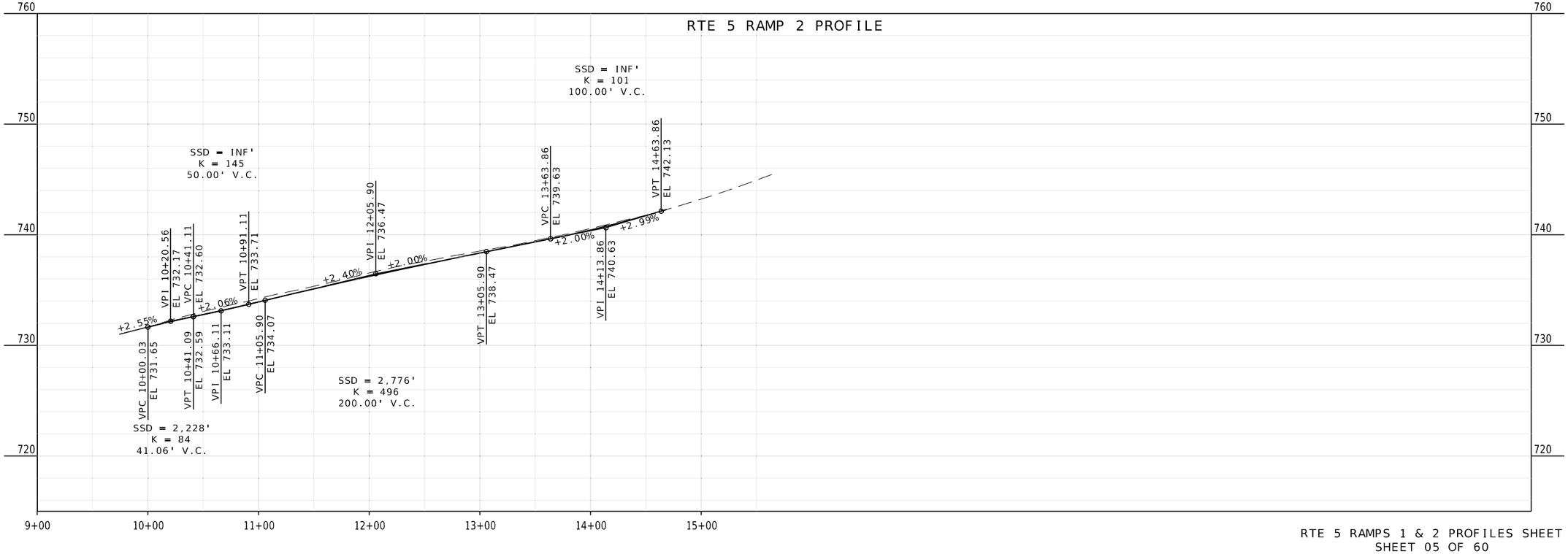
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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## RTE 5 RAMP 1 PROFILE




## RTE 5 RAMP 2 PROFILE




RTE 5 RAMPS 1 & 2 PROFILES SHEET
SHEET 05 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 8 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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D02-LT I-1
STA. 822+99.56 72.33' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D02-LT P-1
STA. 823+01.08 72.26' LT TO
STA. 824+38.93 65.89' LT
INSTALL 138'x 24" PIPE, GROUP A

D02-LT P-2
STA. 824+41.81 67.63' LT TO
STA. 824+63.82 115.90' LT
INSTALL 55'x 24" PIPE, GROUP A
INCL. 1-24" GROUP A FLARED
END SECTION
ROCK LINING= 3 CY

D02-LT MH-1
STA. 824+40.93' 65.84' LT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

T48NR17WS9

SEC. LINE
N01°12'06"E

T48NR17WS10

PI 13+45.25
PC 11+00.00
PT 15+89.31
Δ 9°47'7.6" (LT)
D 1°59'59.5"
L 489.31' (ARC)
T 245.25'
R 2,865.00'

10

START STA 10+00.00 RTE 5 RAMP 3 =
STA 823+40.83 ℄ I-70

PC STA 11+00.00

END 4' FBD
823+61.51

D02-LT P-2
D02-LT MH-1
℄ RTE 5 RAMP 3

D02-LT P-1
D02-LT I-1

15

END STA 15+89.31 RTE 5 RAMP 3 =
STA 829+26.31 ℄ I-70

EXIST. PERM.
CHANNEL ESM'T

EXISTING ROW

PROPOSED ℄ I-70

BEGIN TAPER
STA 832+76.36
OFF 56.00' LT.

END TAPER
STA 834+01.46
OFF 54.00' LT.

END TAPER
STA 835+26.41
OFF 44.00' LT.

BEGIN GUARDRAIL
+88.00

BEGIN BARRIER TAPER
813+39.30

END BARRIER TAPER
813+05.84

BEGIN BARRIER TAPER
812+40.27

END BARRIER TAPER
814+11.61

ROUTE 5

END GUARDRAIL
+68.50

S.L.

4' FBD

(R)

BEGIN GUARDRAIL
+77.03

STA. 811+00.00

MATCHLINE STA. 811+00.00

12' LANE
12' LANE

WESTBOUND I-70

EASTBOUND I-70

12' LANE
12' LANE
12' LANE
14' LANE

MATCHLINE STA. 838+00.00

STA. 838+00.00

END GUARDRAIL
+57.00

3' FBD

4' FBD

FOUND 2" PIPE 239 FEET SOUTH OF
SOUTHWEST CORNER OF SECTION 10-48-17
CORNER DOCUMENT NO. 600-25555

ROUTE 5

N79°16'06"E

SEC. LINE
S89°06'05"E

D02-RT I-1

D02-RT P-1

D02-RT MH-2
D02-RT P-3
D02-RT MH-3
D02-RT P-2

EXISTING ROW
℄ RTE 5 RAMP 4

END 4' FBD
821+61.52

4' FBD

D02-RT MH-1

BEGIN 4' FBD
820+62.93

END 4' FBD
820+54.31

START STA 10+00.00 RTE 5 RAMP 4 =
STA 819+60.36 ℄ I-70

PC STA 11+00.00

10

END STA 15+57.82 RTE 5 RAMP 4 =
℄ I-70 STA 825+14.96

15

BEGIN GUARDRAIL
+13.31

D02-RT P-4

U.I.P.
PLUG WITH
FLOWABLE FILL

S.L.

EXIST. PERM.
CHANNEL ESM'T

BEGIN TAPER
STA 830+65.04
OFF 56.00' RT.

END TAPER
STA 832+15.08
OFF 54.00' RT.

END TAPER
STA 833+65.04
OFF 44.00' RT.

SEC. LINE
N00°48'43"E

D02-RT P-1
STA. 818+82.07 70.92' RT TO
STA. 820+48.24 63.81' RT
INSTALL 166'x 24" PIPE, GROUP A

D02-RT I-1
STA. 818+80.57 70.90' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

LEGEND

PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

D02-RT P-2
STA. 820+52.20 64.24' RT TO
STA. 822+94.34 107.76' RT
INSTALL 246'x 24" PIPE, GROUP A

T48NR17WS15

D02-RT MH-1
STA. 820+50.24 63.83' RT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

D02-RT P-3
STA. 822+98.34 107.87' RT TO
STA. 824+94.15 99.11' RT
INSTALL 196'x 24" PIPE, GROUP A

D02-RT MH-2
STA. 822+96.34 107.82' RT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

D02-RT P-4
STA. 824+98.15 99.06' RT TO
STA. 826+97.83 95.32' RT
INSTALL 200'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED
END SECTION
ROCK LINING= 3 CY

D02-RT MH-3
STA. 824+96.15 99.11' RT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

I-70 PLAN SHEET
SHEET 06 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 9 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

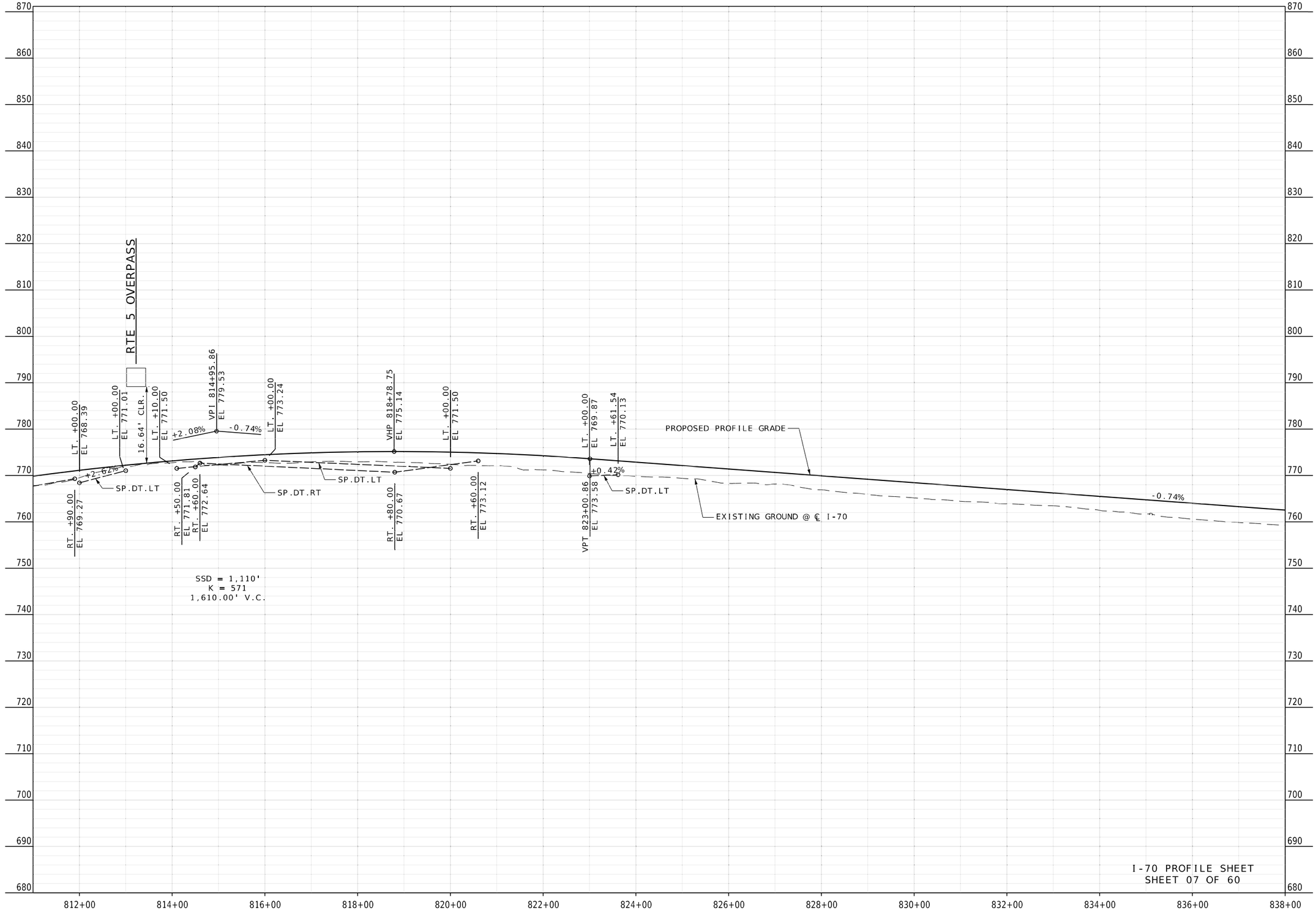
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 10 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
-

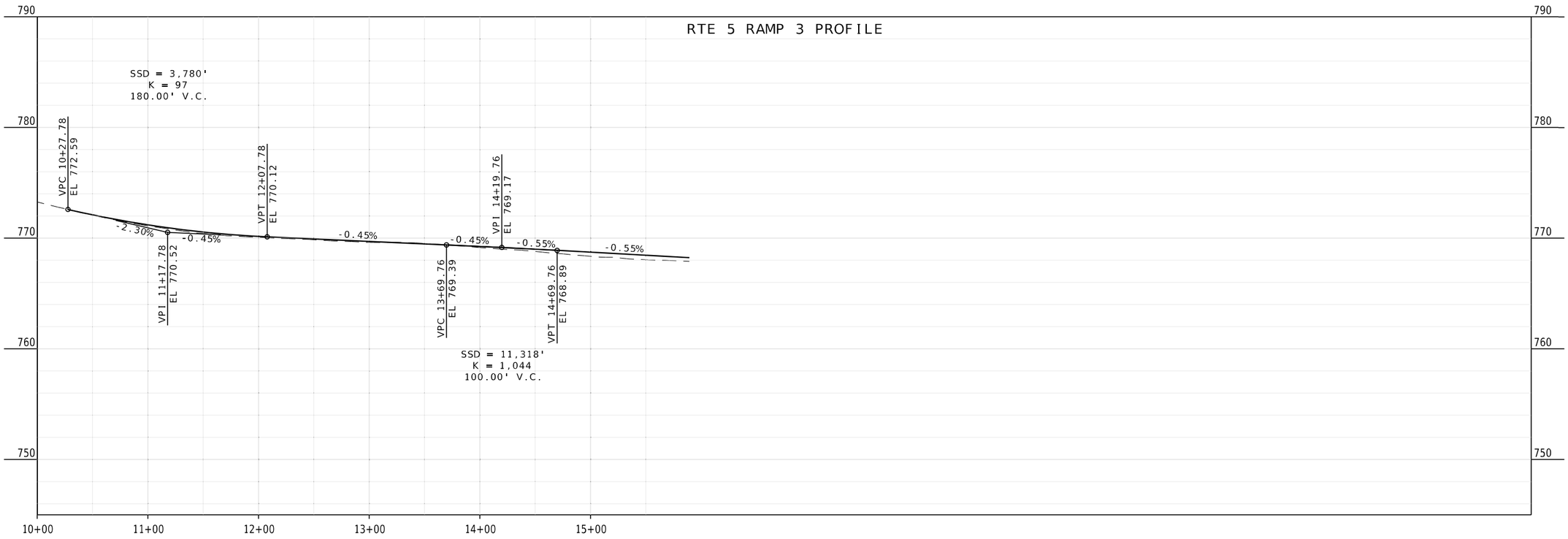
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

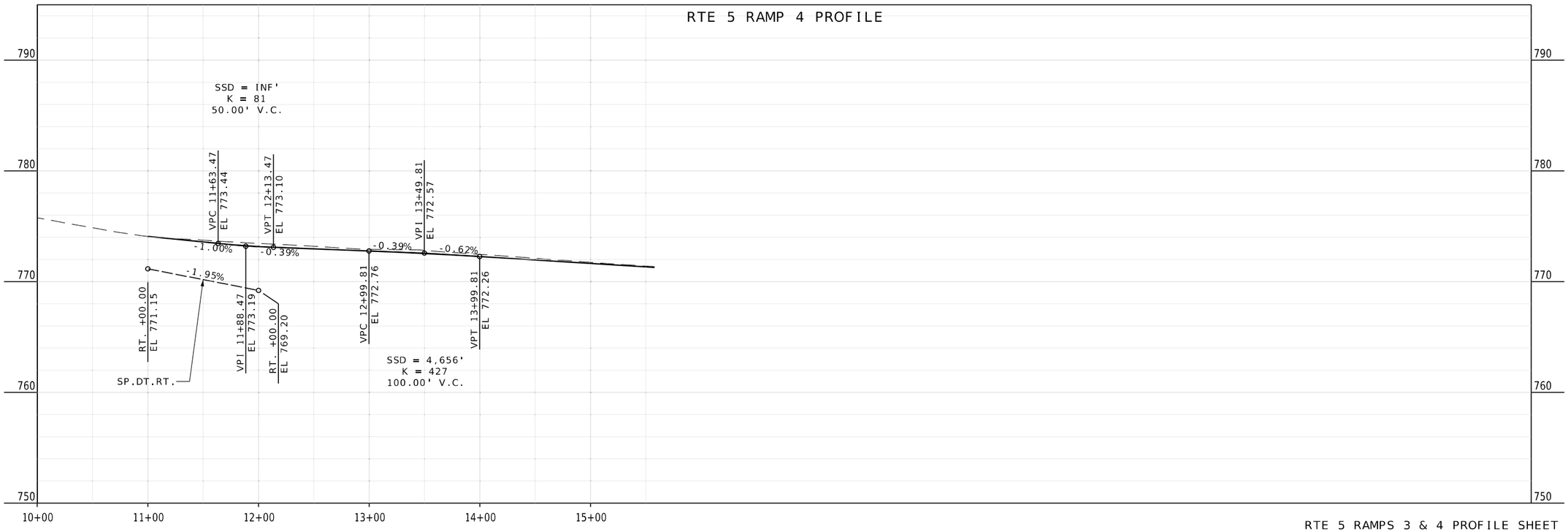
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No.: 000165

## RTE 5 RAMP 3 PROFILE




## RTE 5 RAMP 4 PROFILE




RTE 5 RAMPS 3 & 4 PROFILE SHEET
SHEET 08 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 11 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

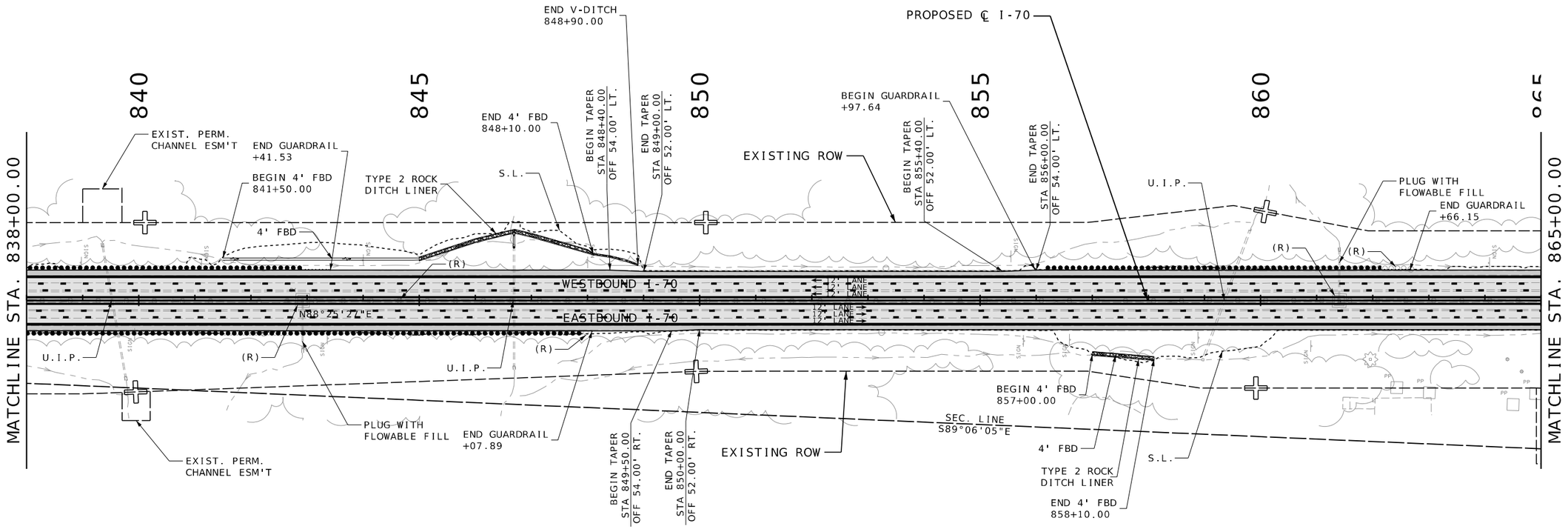
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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No.: 000165

CULVERT 4
STA 846+68.85 114.95' LT TO
STA.846+68.87 94.59' LT
INSTALL 21'x 30" PIPE, GROUP A
INCL. 1- PIPE COLLAR,TYPE A
INCL. 1- 30" GROUP A FLARED END SECTION

T48NR17WS10




LEGEND

- PROPOSED PAVEMENT
- PROPOSED SHOULDER
- ROCK FILL

SCALE

0 100 200 300 400 500

T48NR17WS15

I-70 PLAN SHEET
SHEET 09 OF 60

STATE OF MISSOURI
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 12 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

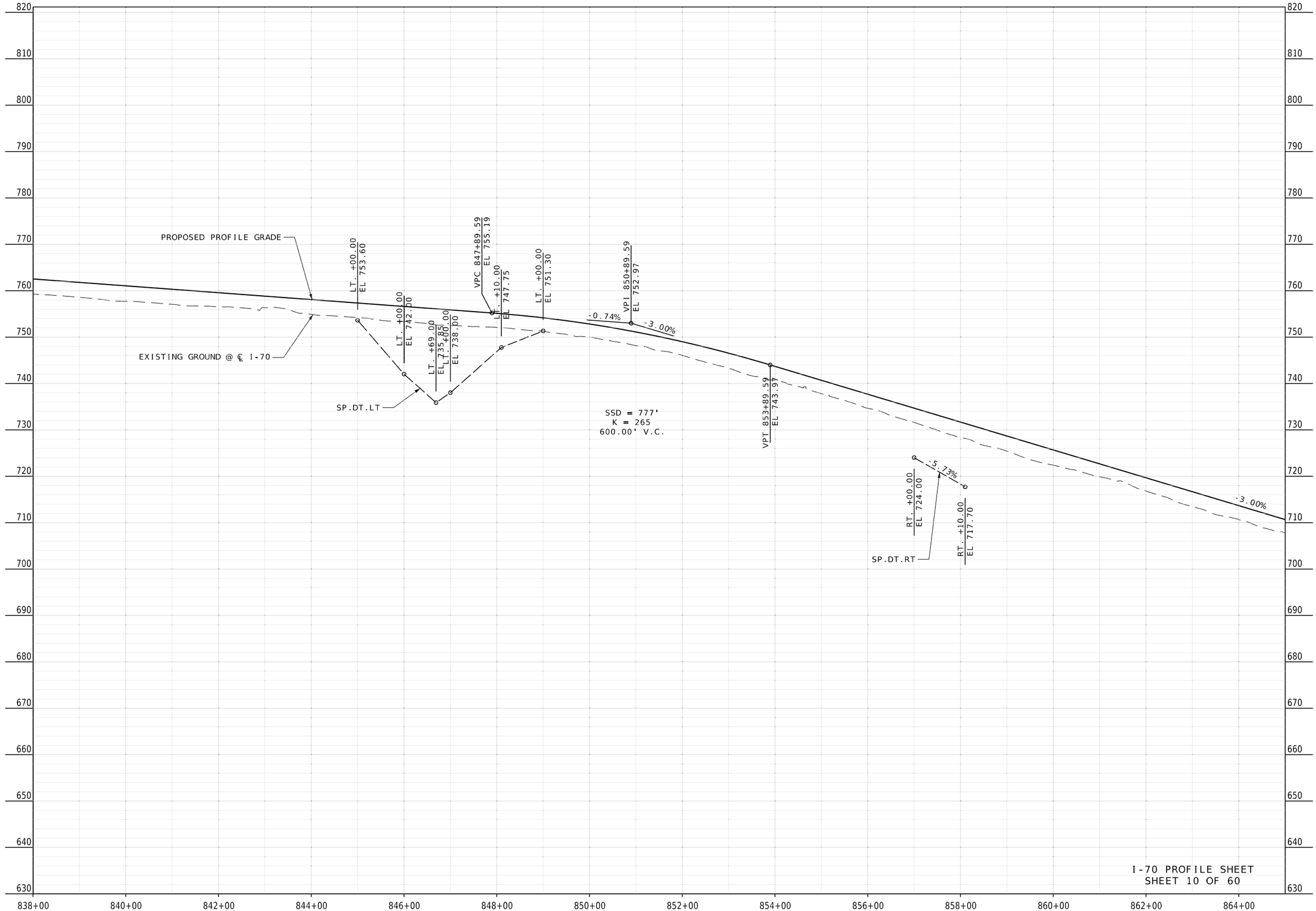
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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STATE OF MISSOURI
RONNIE L. WILLIAMS
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PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 13 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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T48NR17WS10

T48NR17WS11

CULVERT 6
STA.889+77.42 103.93' LT TO
STA. 889+76.65 112.71' LT
INSTALL 9 LF 7'x 7' RCB
REMOVE EXISTING WINGWALL
BUILD NEW STRAIGHT WINGWALL, 5° RA

SEC. LINE
N01°22'31"E

865

870

875

880

885

890

STA. 865+00.00

STA. 892+00.00

MATCHLINE STA. 865+00.00

MATCHLINE STA. 892+00.00

BEGIN V-DITCH
867+00.00

TYPE 2 ROCK
DITCH LINER

END V-DITCH
867+80.00

PROPOSED ℄ I-70

EXISTING ROW

BEGIN GUARDRAIL
+91.64

U.I.P.

S.L.

(R)

BEGIN 4' FBD
883+20.00

TYPE 2 ROCK
DITCH LINER

BEGIN TAPER
STA 883+73.25
OFF 44.00' LT.

BEGIN TAPER
STA 885+23.21
OFF 54.00' LT.

END GUARDRAIL
+74.38

4' FBD

END TAPER
STA 886+73.33
OFF 56.00' LT.

BEGIN GUARDRAIL
+60.00

END 4' FBD
887+80.00

WESTBOUND I-70

EASTBOUND I-70

12' LANE

BEGIN GUARDRAIL
+75.85

SEC. LINE
S88°44'23"E

EXISTING ROW

EXIST. PERM.
CHANNEL ESM'T

BEGIN TAPER
STA 887+13.47
OFF 44.00' RT.

BEGIN TAPER
STA 887+96.66
OFF 52.00' RT.

END TAPER
STA 889+63.47
OFF 56.00' RT.

SEC. LINE
N01°50'11"E

LEGEND

PROPOSED PAVEMENT

PROPOSED SHOULDER

ROCK FILL

SCALE

0 100 200 300 400 500

T48NR17WS14

CULVERT 6
STA. 889+95.75 107.38' RT TO
STA. 889+96.43 114.72' RT
INSTALL 8 LF 7'x 7' RCB.
REMOVE EXISTING WINGWALL
BUILD NEW STRAIGHT WINGWALL, 5° RA
ROCK LINING= 12 CY

I-70 PLAN SHEET
SHEET 11 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 14 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

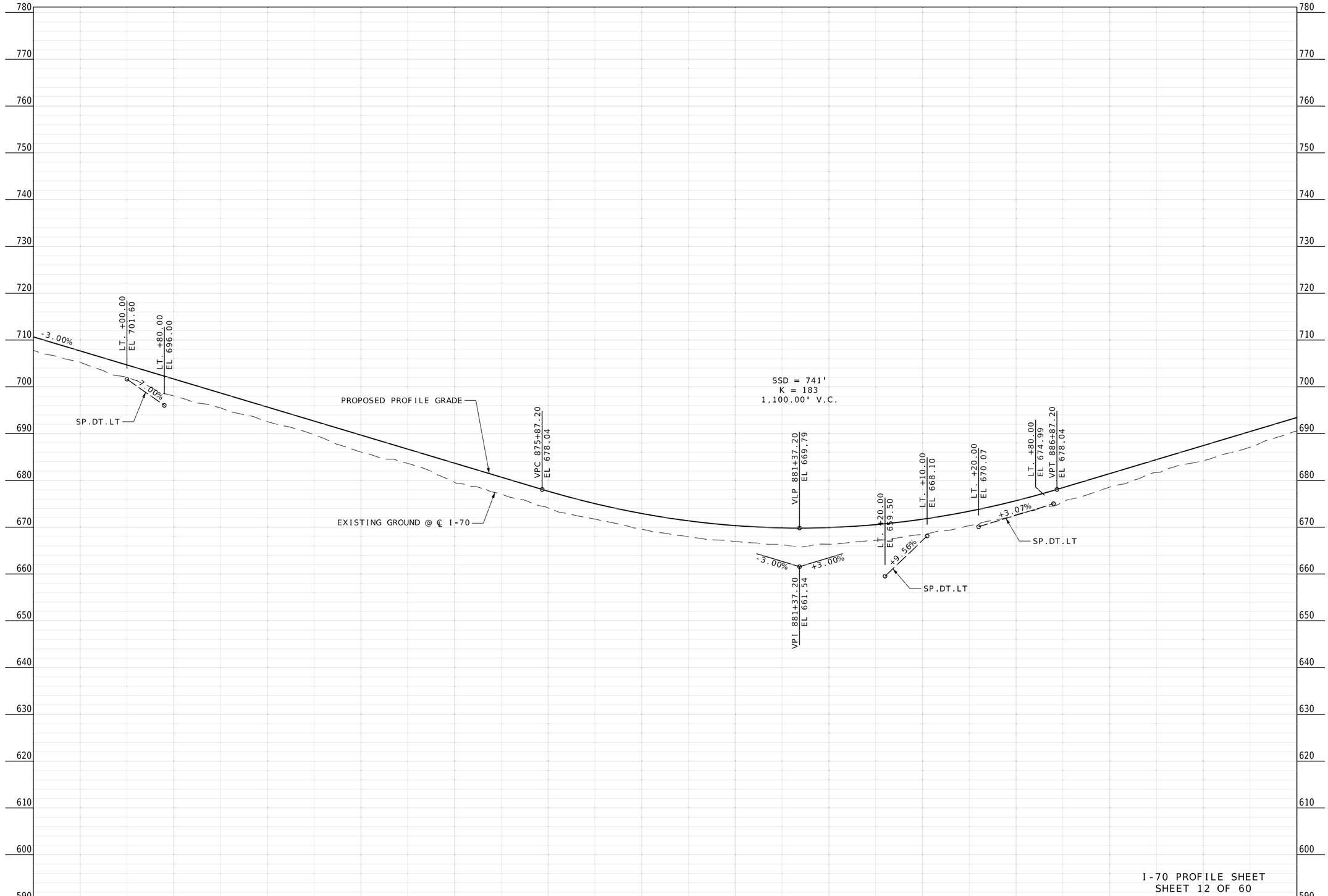
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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STATE OF MISSOURI
RONNIE L. WILLIAMS
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 15 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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9400 Ward Parkway
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PI 11+72.97
PC 10+00.00
PT 13+45.53
Δ 6°54'36.1" (LT)
D 1°59'59.5"
L 345.53' (ARC)
T 172.97'
R 2,865.00'

D03-LT P-1
STA. 897+79.62 113.46' LT TO
STA. 897+87.94 63.10' LT
INSTALL 51'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D03-LT I-1
STA. 897+88.01 61.60' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D04-LT P-1
STA. 912+83.46 65.83' LT TO
STA. 912+93.10 130.06' LT
INSTALL 65'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D04-LT I-1
STA. 912+83.42 65.83' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

PI 13+70.25
PC 11+79.94
PT 15+59.99
Δ 7°36'1.8" (LT)
D 1°59'59.5"
L 380.05' (ARC)
T 190.31'
R 2,865.00'

STA. 892+00.00

MATCHLINE STA 892+00.00

START STA 10+00.00 RTE B RAMP 1 = STA 893+28.33 ℄ I-70

PT STA 13+45.53

END STA 14+73.99 RTE B RAMP 1 = STA 898+00.55 ℄ I-70

BEGIN 4' FBD
897+88.01

℄ RTE B RAMP 1

895

900

905

910

915

BEGIN GUARDRAIL
+94.06

END BARRIER TAPER
906+12.00

BEGIN BARRIER TAPER
905+32.37

EXISTING ROW

PROPOSED ℄ I-70

BEGIN BARRIER TAPER
906+45.46

BEGIN GUARDRAIL
+29.01

END BARRIER TAPER
907+02.35

END GUARDRAIL
+74.06

ROUTE B

START STA 10+00.00 RTE B RAMP 3 = STA 912+67.46 ℄ I-70

PC STA 11+79.94

D04-LT P-1
(R)
℄ RTE B RAMP 3
END 4' FBD
913+62.60

EXISTING ROW

END GUARDRAIL
+50.86

END TAPER
STA 917+17.80
OFF 60.00' LT.

END STA 15+59.99 RTE B RAMP 3 = STA 918+24.76 ℄ I-70

STA. 919+00.00

(R)
S.L.
D03-LT P-1
END GUARDRAIL
+29.41
D03-LT I-1
4' FBD
(R)
D04-LT I-1
4' FBD

WESTBOUND I-70
EASTBOUND I-70

BEGIN V-DITCH
918+30.00

PLUG WITH FLOWABLE FILL
BEGIN GUARDRAIL
+75.95
END GUARDRAIL
+55.95
4' FBD
D04-RT I-1
N78°07'41"E
(UIP)
S.L.

℄ RTE B RAMP 2
BEGIN 4' FBD
897+55.60
D03-RT I-1
D03-RT P-1

ROUTE U

BEGIN GUARDRAIL
+09.00

BEGIN V-DITCH
917+40.00
END 4' FBD
917+10.00
4' FBD
BEGIN 4' FBD
916+90.00
END GUARDRAIL
+74.28

FOUND 1/2" PIPE WITH PLASTIC CAP
SOUTH 1/4 CORNER OF SECTION 11-48-17
CORNER DOCUMENT NO. 600-42506

END GUARDRAIL
+46.84

EXISTING ROW
SEC. LINE
S88°44'23"E

℄ RTE B RAMP 4
END 4' FBD
911+95.87
D04-RT P-1

START STA 10+00.00 RTE B RAMP 2 = STA 893+13.47 ℄ I-70

PT STA 13+32.49

END STA 15+55.16 RTE B RAMP 2 = STA 898+66.38 ℄ I-70

START STA 10+00.00 RTE B RAMP 4 = STA 911+02.19 ℄ I-70
PC STA 10+50.80

END STA 15+64.75 RTE B RAMP 4 = STA 916+63.36 ℄ I-70

T48NR17WS11

T48NR17WS14

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

PI 11+66.43
PC 10+00.00
PT 13+32.49
Δ 6°38'57.4" (RT)
D 1°59'59.5"
L 332.49' (ARC)
T 166.43'
R 2,865.00'

SCALE
0 100 200 300 400 500

D03-RT P-1
STA. 897+80.45 102.98' RT TO
STA. 897+85.71 62.08' RT
INSTALL 41'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D03-RT I-1
STA. 897+85.75 60.58' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D04-RT P-1
STA. 911+80.68 65.54' RT TO
STA. 911+94.18 126.29' RT
INSTALL 62'x 24" GROUP A PIPE
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D04-RT I-1
STA. 911+80.72 64.04' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

PI 13+08.47
PC 10+50.80
PT 15+64.75
Δ 10°17'46.0" (RT)
D 2°0'12.1"
L 513.94' (ARC)
T 257.67'
R 2,860.00'

I-70 PLAN SHEET
SHEET 13 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 16 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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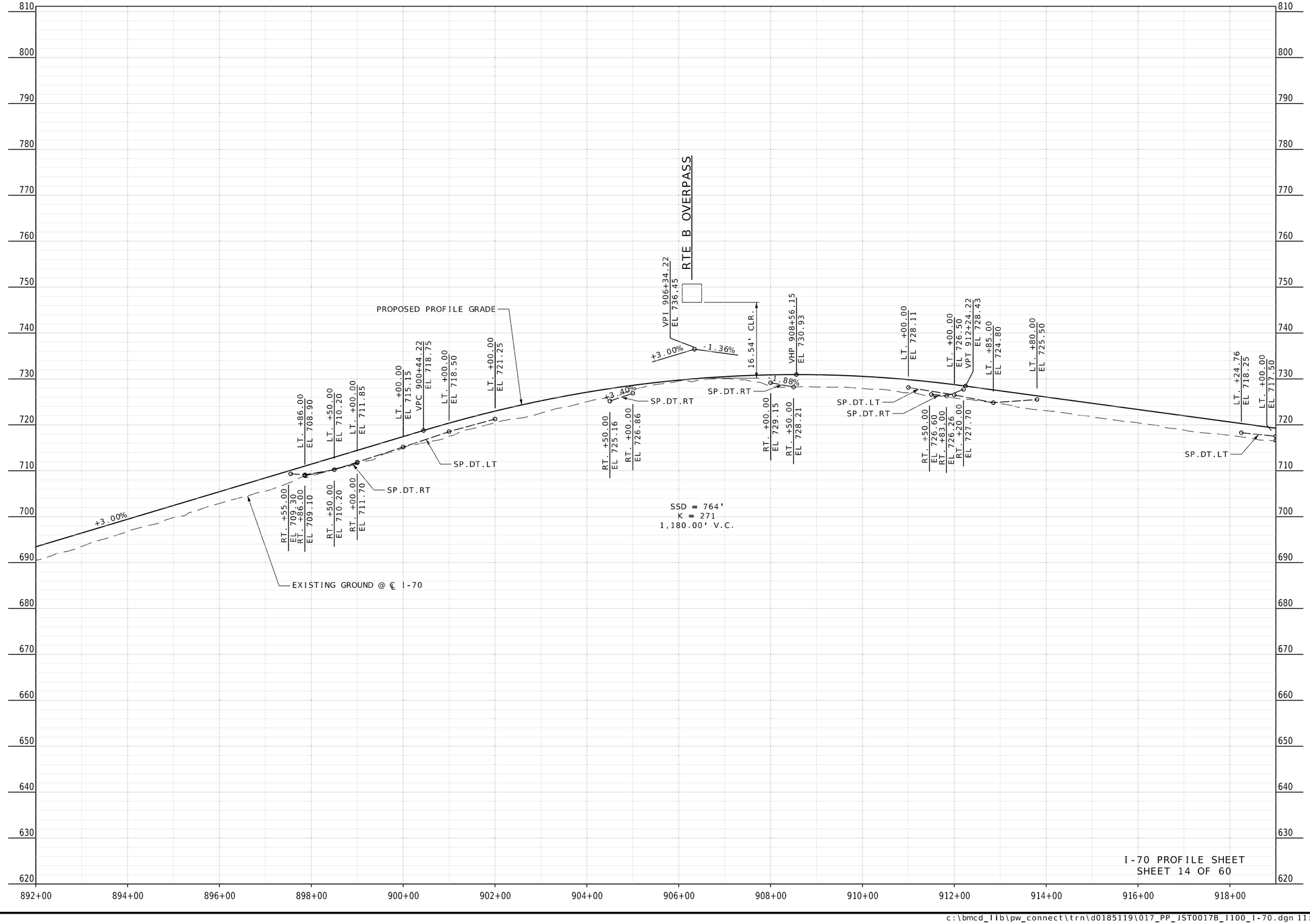
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
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I-70 PROFILE SHEET
SHEET 14 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 17 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

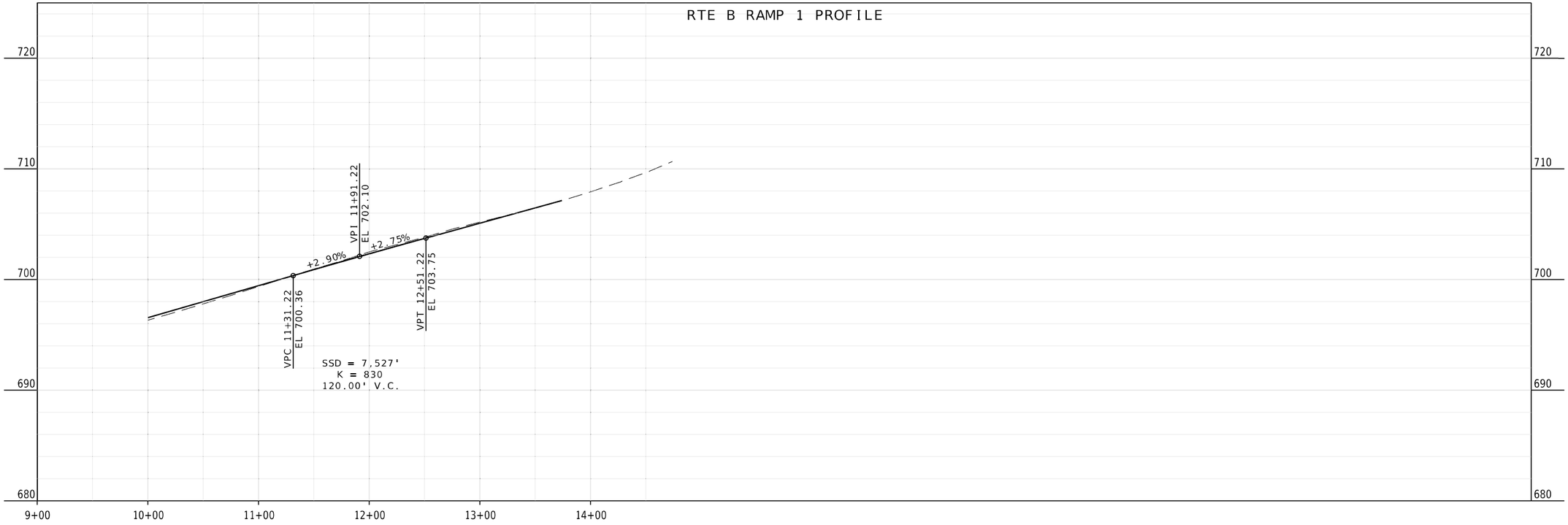
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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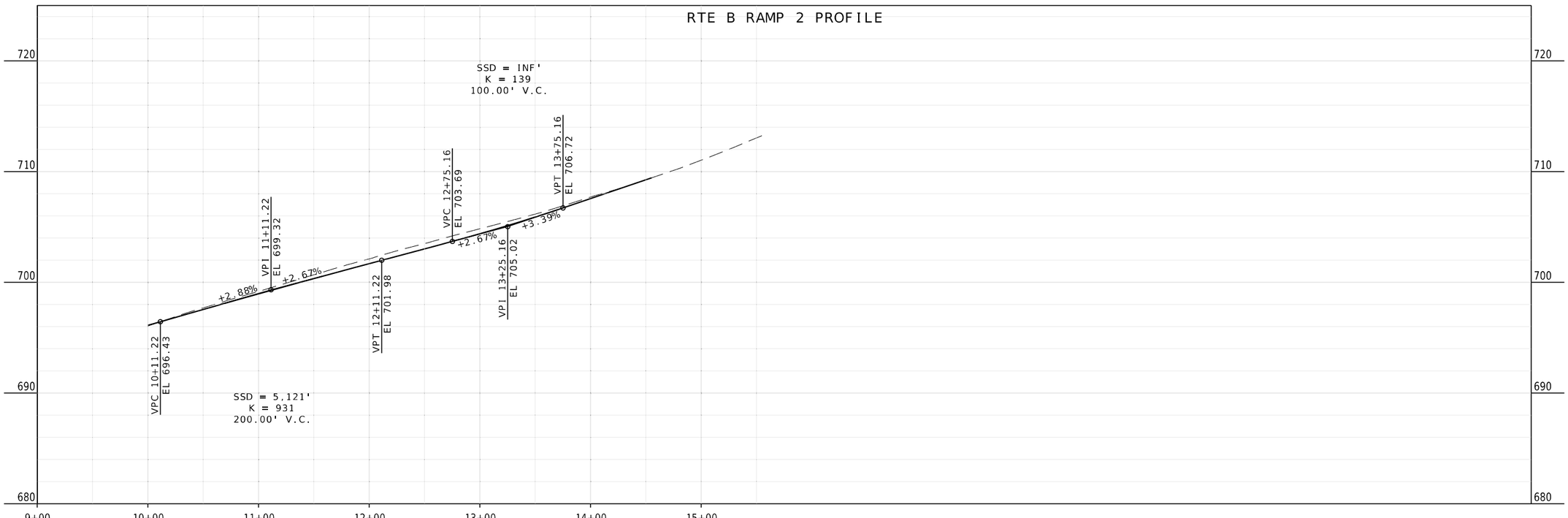
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## RTE B RAMP 1 PROFILE




## RTE B RAMP 2 PROFILE




RTE B RAMPS 1 & 2 PROFILES SHEET
SHEET 15 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 18 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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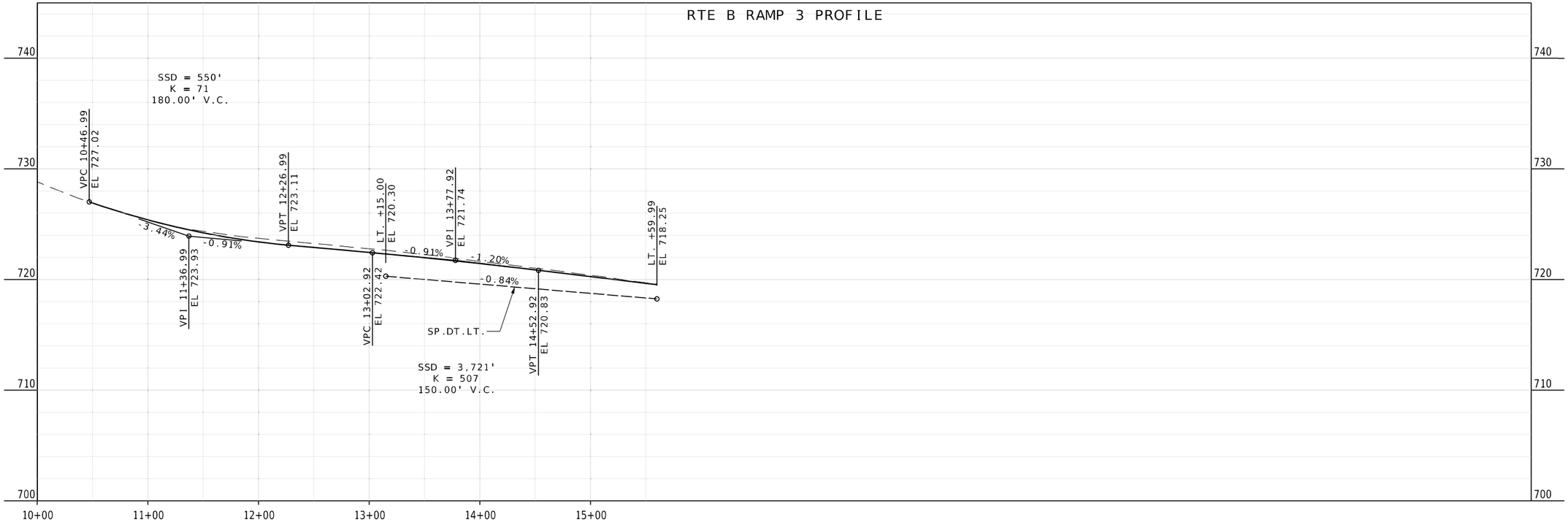
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

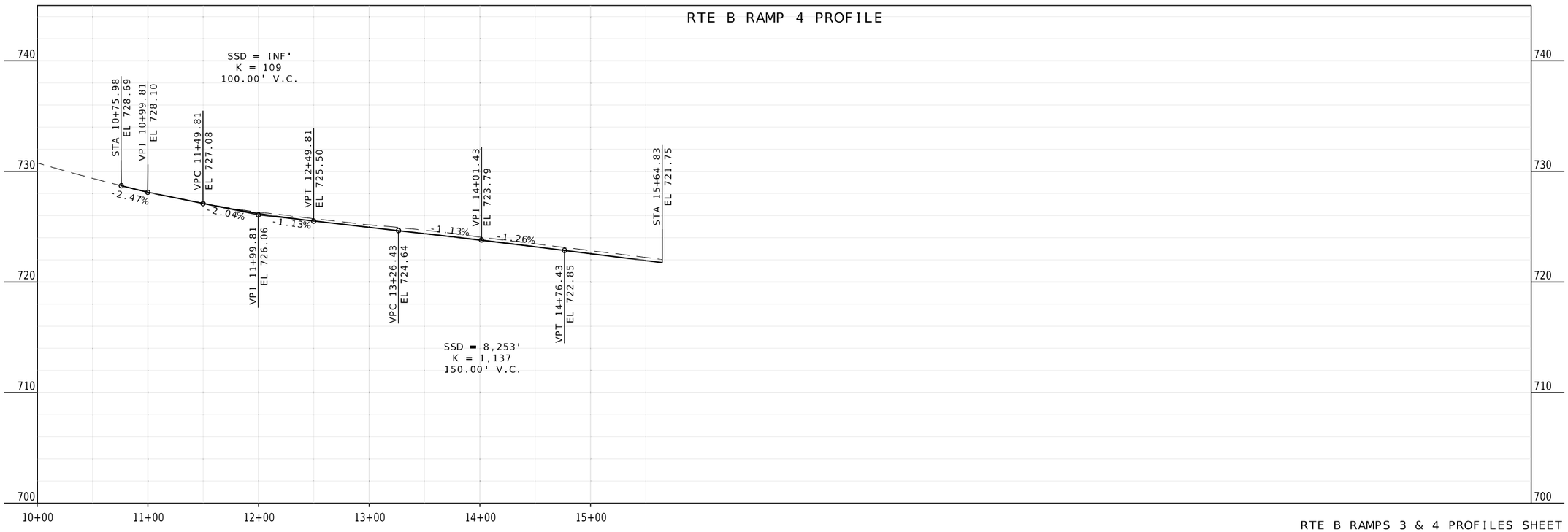
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## RTE B RAMP 3 PROFILE




## RTE B RAMP 4 PROFILE




RTE B RAMPS 3 & 4 PROFILES SHEET
SHEET 16 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 19 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

CULVERT 8
STA. 930+59.24 108.80' LT TO
STA. 930+54.43 117.13' LT
INSTALL 10 LF 5'x 6' RCB
REMOVE EXISTING WINGWALL
BUILD NEW STRAIGHT WINGWALL, 30° RA

| | |
|---|---|
| PI | 11+01.78 |
| PC | 10+00.00 |
| PT | 12+02.79 |
| Δ | 12°6'11.9" (LT) |
| D | 5°58'05.9" |
| L | 202.79' (ARC) |
| T | 101.78' |
| R | 960.00' |

| | |
|---|---|
| PI | 12+28.47 |
| PC | 12+02.79 |
| PT | 12+53.95 |
| Δ | 11°59'46.1" (LT) |
| D | 23°26'55.6" |
| L | 51.16' (ARC) |
| T | 25.67' |
| R | 244.34' |

| | |
|---|---|
| PI | 13+22.62 |
| PC | 12+72.05 |
| PT | 13+72.84 |
| Δ | 11°32'58.5" (LT) |
| D | 11°27'33.0" |
| L | 100.79' (ARC) |
| T | 50.57' |
| R | 500.00' |

| | |
|---|---|
| PI | 16+06.91 |
| PC | 14+89.26 |
| PT | 17+20.37 |
| Δ | 26°28'59.8" (LT) |
| D | 11°27'33.0" |
| L | 231.11' (ARC) |
| T | 117.66' |
| R | 500.00' |

T48NR17WS11

T48NR17WS12

T48NR17WS13

SEC. LINE
N01°17'24"E

SEC. LINE
N00°59'32"E

SEC. LINE
N88°19'30"E

℄ REST AREA WB RAMP 1

℄ REST AREA EB RAMP 2

START STA 10+00.00 REST AREA WB RAMP 1 =
STA 938+39.22 ℄ I-70

START STA 10+00.00 REST AREA EB RAMP 2 =
STA 944+95.76 ℄ I-70

END STA 17+20.37 REST AREA WB RAMP 1 =
STA 944+38.03 ℄ I-70

920 925 930 935 940 945

STA. 919+00.00

STA. 946+00.00

MATCHLINE STA. 919+00.00

MATCHLINE STA. 946+00.00

PROPOSED ℄ I-70

EXISTING ROW

EXIST. PERM.
CHANNEL ESM'T

BEGIN GUARDRAIL
+00.00

END V-DITCH
927+00.00

POT STA 925+00.00

S.L.

U.I.P.

(R)

WESTBOUND I-70

EASTBOUND I-70

12' LANE

ROUTE U

PLUG WITH
FLOWABLE FILL

END V-DITCH
927+20.00

BEGIN GUARDRAIL
+38.35

EXISTING ROW

BEGIN TAPER
STA 922+13.44
OFF 56.00' RT.

END TAPER
STA 923+63.33
OFF 54.01' RT.

EXIST. PERM.
CHANNEL ESM'T

END TAPER
STA 925+13.44
OFF 44.00' RT.

EXIST. PERM.
CHANNEL ESM'T

END GUARDRAIL
+61.89

BEGIN 4' FBD
936+00.00

BEGIN TAPER
STA 937+25.76
OFF 44.00' RT.

END TAPER
STA 938+50.66
OFF 54.00' RT.

S.L.

END TAPER
STA 939+75.76
OFF 56.00' RT.

4' FBD

END GUARDRAIL
+22.72

4' FBD

BEGIN 4' FBD
936+90.00

PCC STA 12+02.79

PT STA 12+53.95

PC STA 12+72.05

PT STA 13+72.84

PC STA 14+89.26

END 4' FBD
943+81.23

REST AREA
WESTBOUND

N52°46'22"E

N04°19'20"W

LEGEND

- PROPOSED PAVEMENT
- PROPOSED SHOULDER
- ROCK FILL

SCALE

0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 17 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 20 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

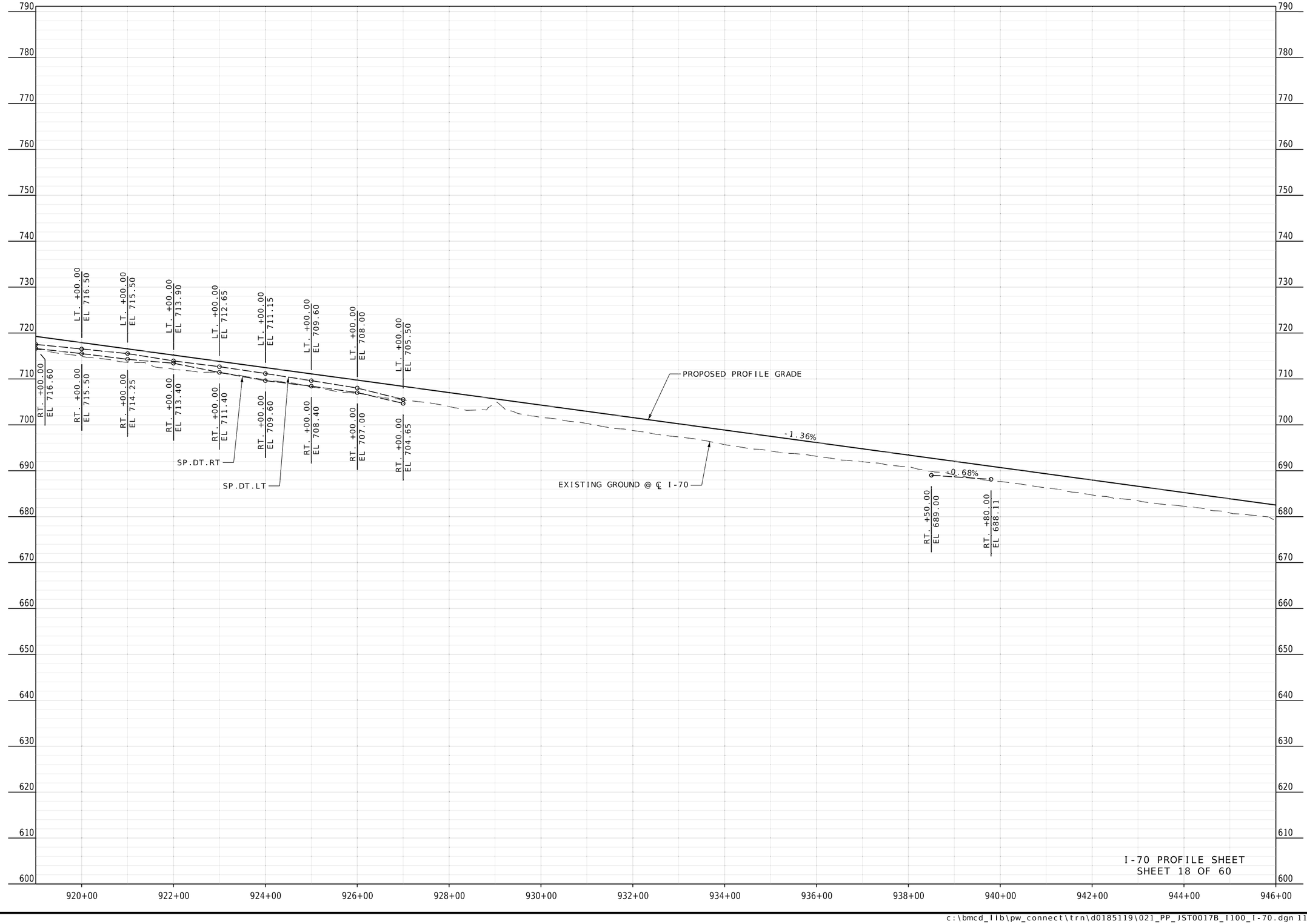
| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 21 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

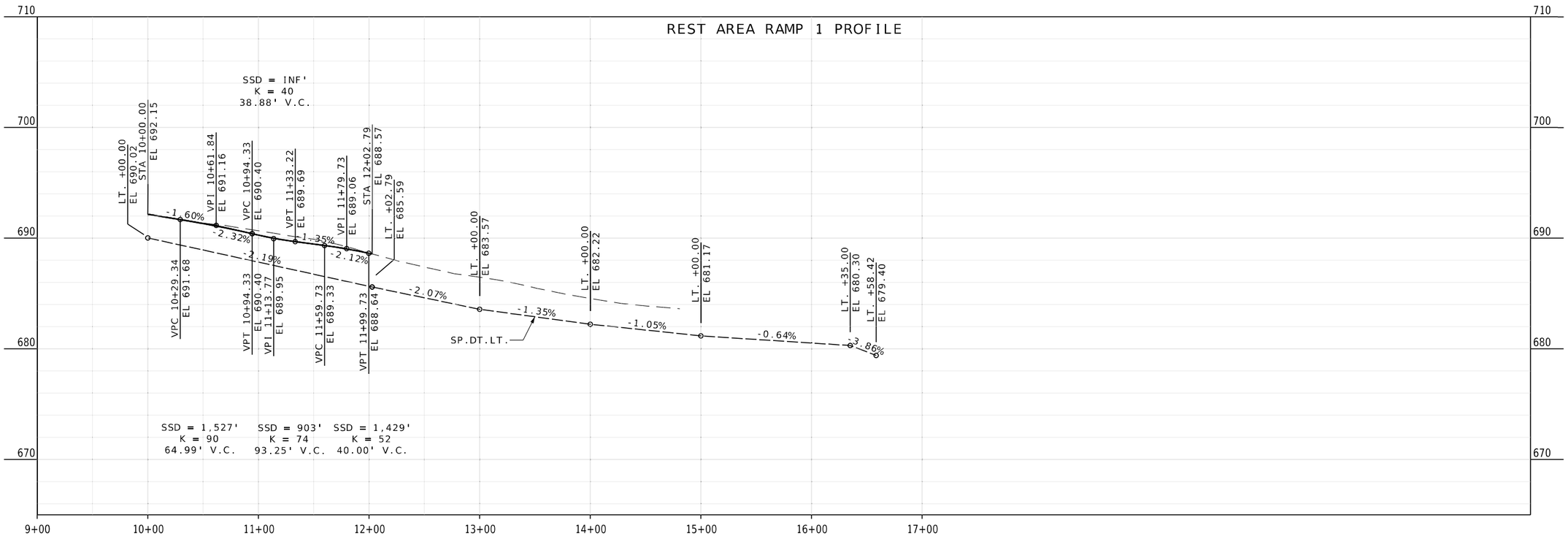
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| DESCRIPTION | DATE |
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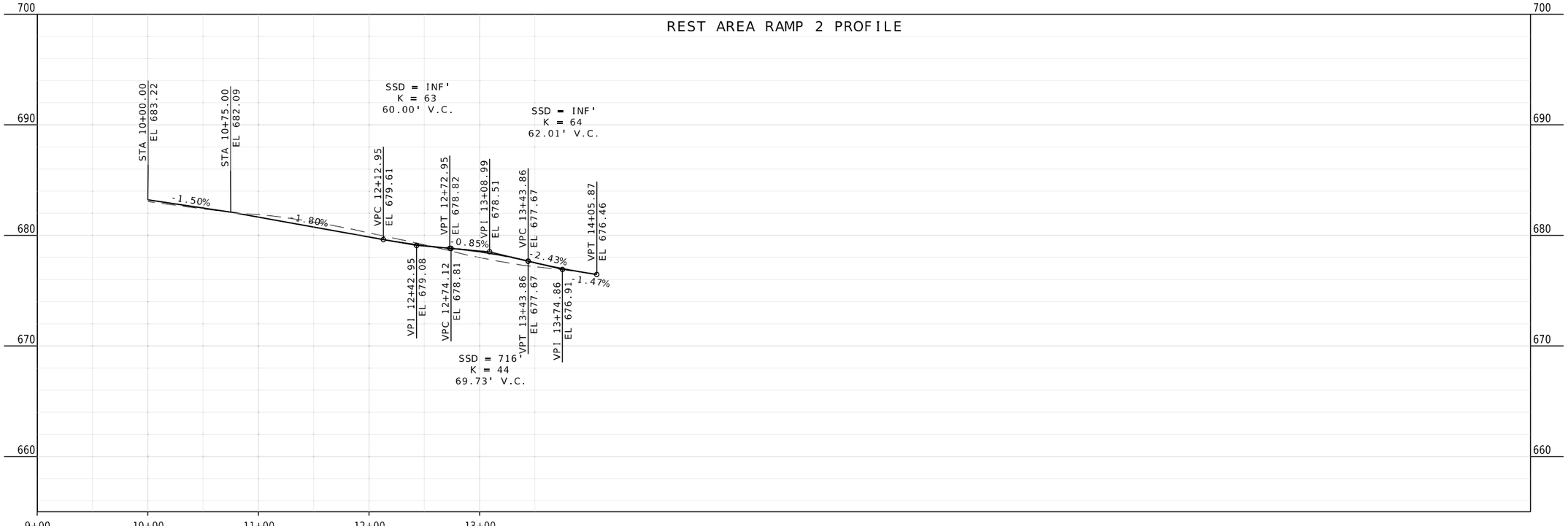
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority No.: 000165

## REST AREA RAMP 1 PROFILE




## REST AREA RAMP 2 PROFILE




REST AREA RAMPS 1 & 2 PROFILES SHEET
SHEET 19 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 22 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

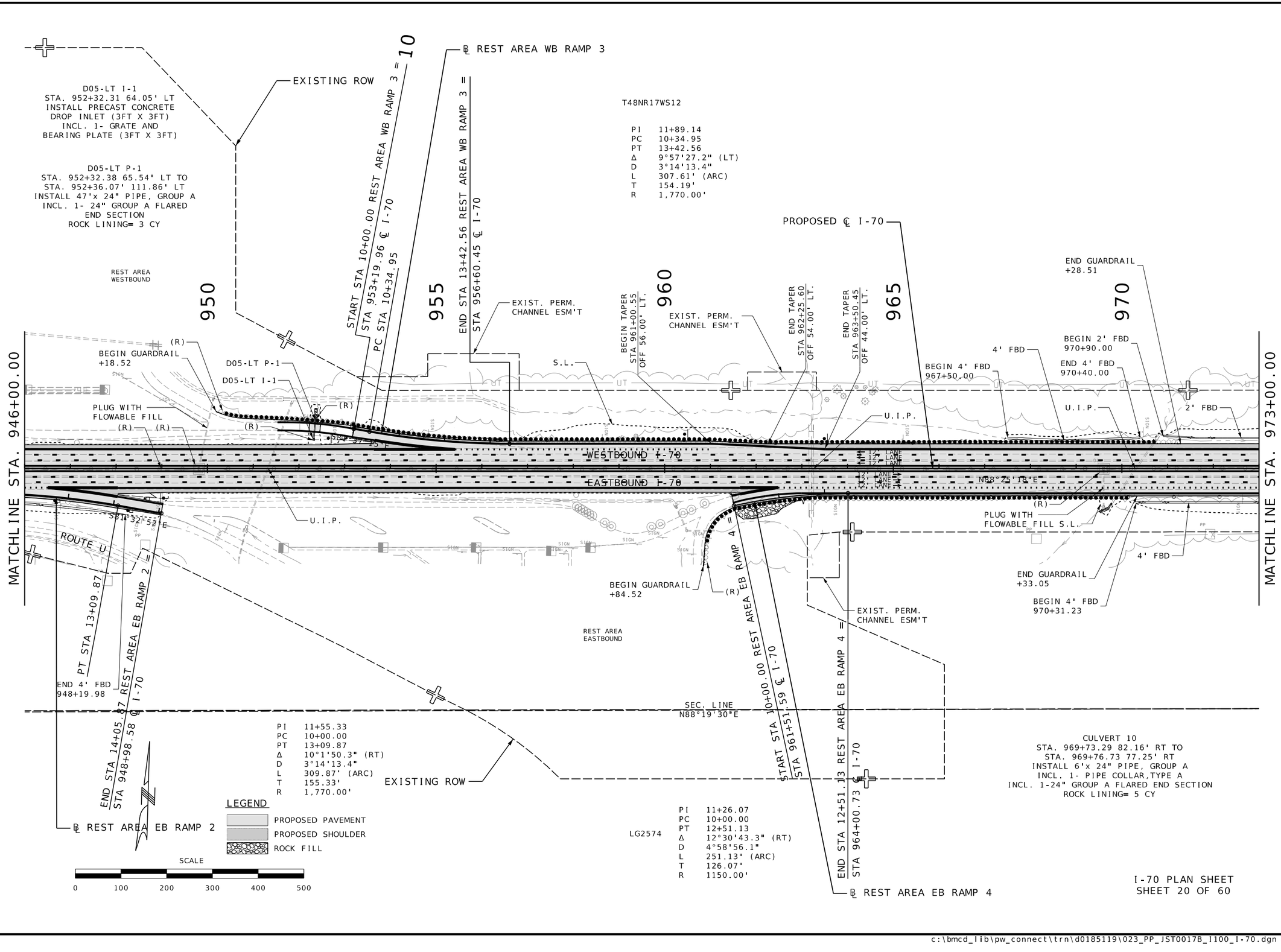
PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 23 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

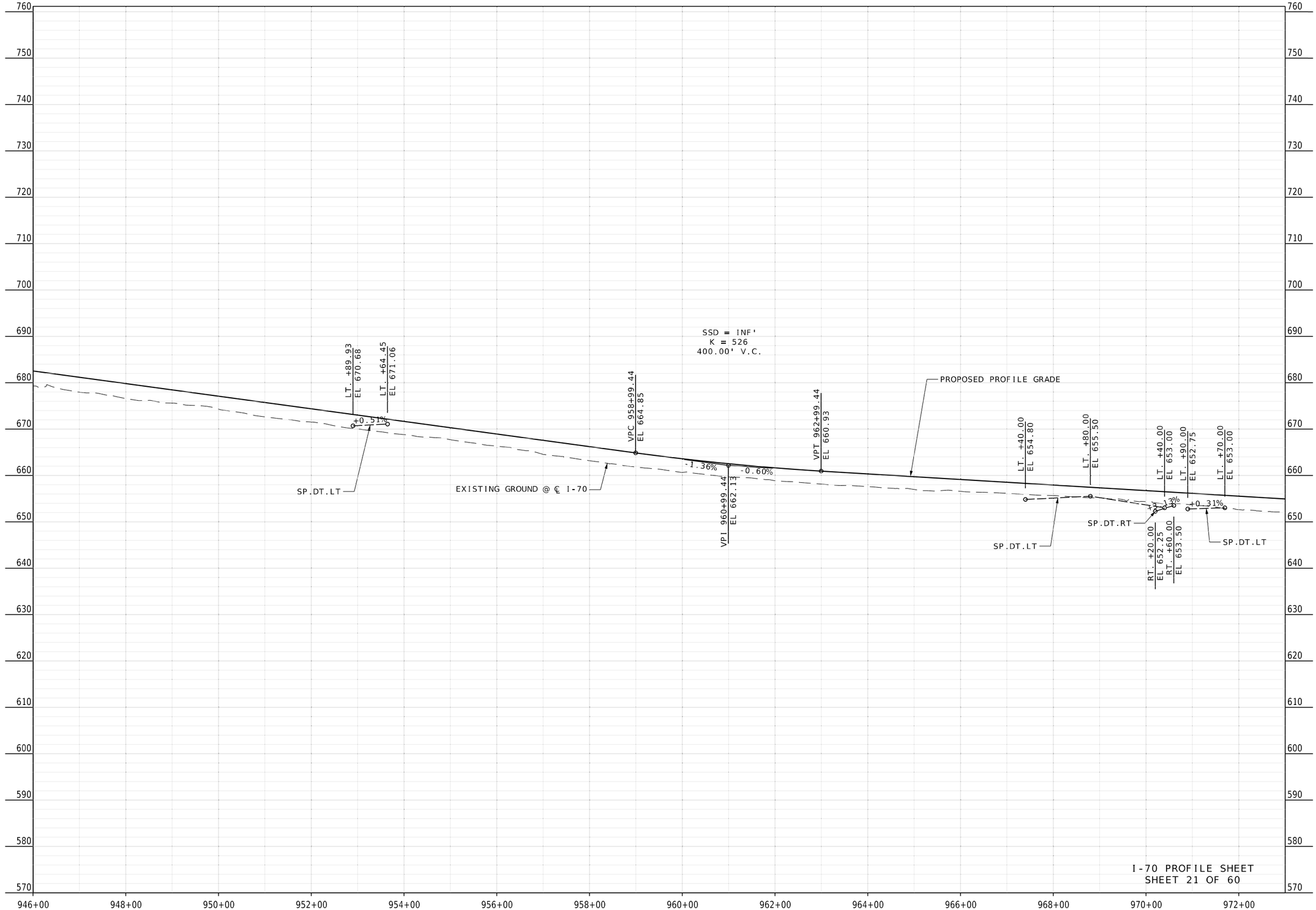
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 PROFILE SHEET
SHEET 21 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 24 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

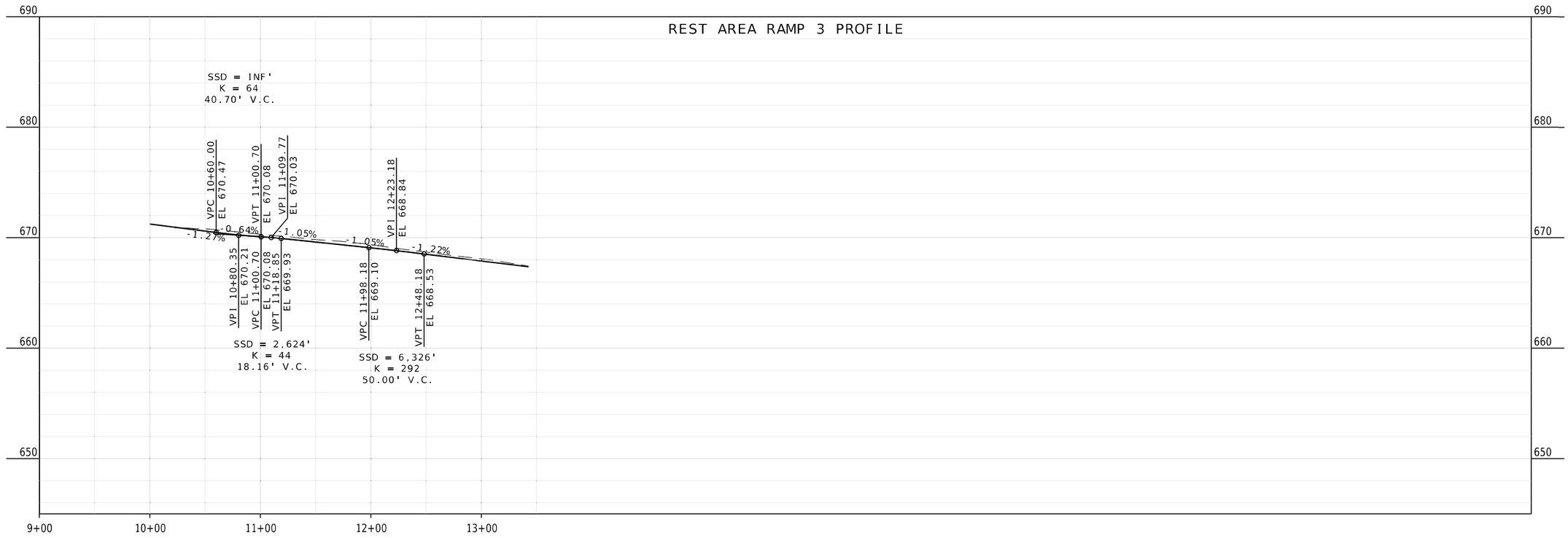
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| DESCRIPTION | DATE |
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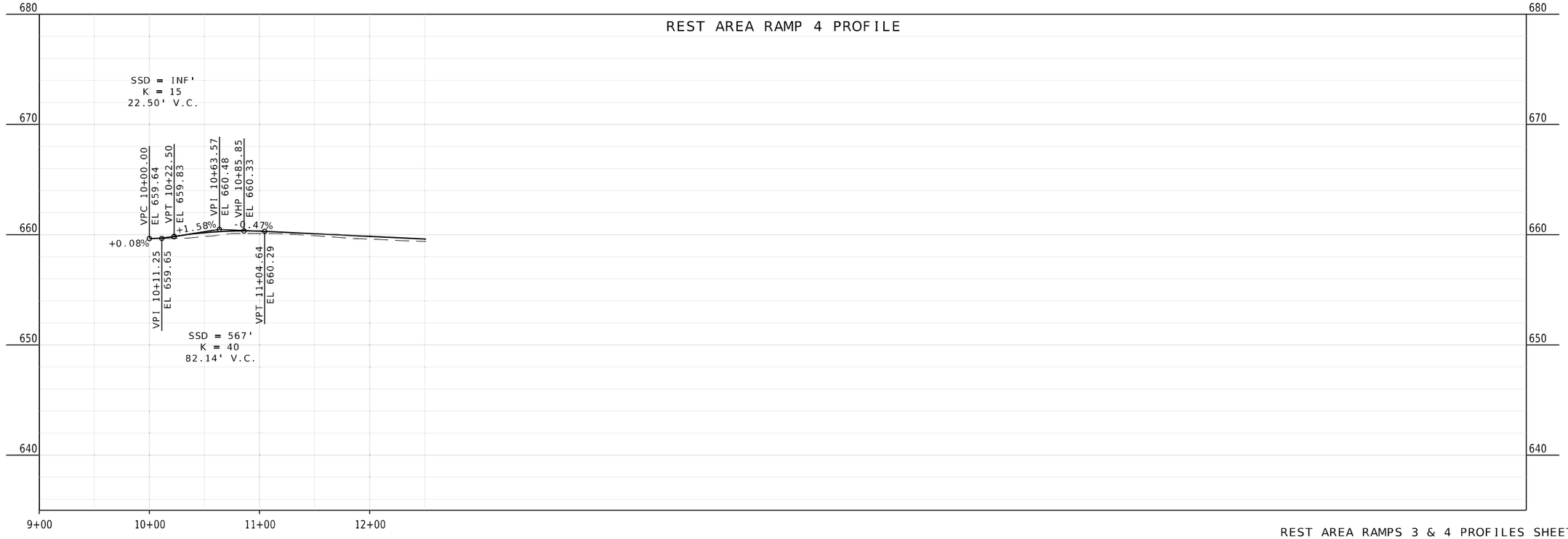
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

## REST AREA RAMP 3 PROFILE




## REST AREA RAMP 4 PROFILE




REST AREA RAMPS 3 & 4 PROFILES SHEET
SHEET 22 OF 60


STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 25 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

LG2746

T48NR16WS7

SEC. LINE
N01°48'01"E

SEC. LINE
N00°45'55"E

975

980

985

990

995

MATCHLINE STA. 973+00.00

MATCHLINE STA. 1000+00.00

PROPOSED ℄ I-70

EXISTING ROW

ACTIVE PIPE TRENCHING
AND INSTALLATION

TYPE 2 ROCK
DITCH LINER

END 2' FBD
987+00.00

BEGIN 4' FBD
989+30.00

END 4' FBD
992+00.00

4' FBD

BEGIN GUARDRAIL
+30.00

2' FBD

(R)

S.L.

WESTBOUND I-70

EASTBOUND I-70

12' LANE
12' LANE
12' LANE
12' LANE
12' LANE
12' LANE

U.I.P.

(R)

PLUG WITH
FLOWABLE FILL

BEGIN TAPER
STA 976+70.73
OFF 56.00' RT.

END TAPER
STA 978+20.81
OFF 54.00' RT.

END TAPER
STA 979+70.76
OFF 44.00' RT.

4' FBD

BEGIN GUARDRAIL
+41.72

(R)

TYPE 2 ROCK
DITCH LINER

END 4' FBD
987+20.00

EXISTING ROW

S.L.

SEC. LINE
N01°28'43"E

LEGEND

PROPOSED PAVEMENT

PROPOSED SHOULDER

ROCK FILL

SCALE

0 100 200 300 400 500

LG2746

T48NR16WS7

I-70 PLAN SHEET
SHEET 23 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 26 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

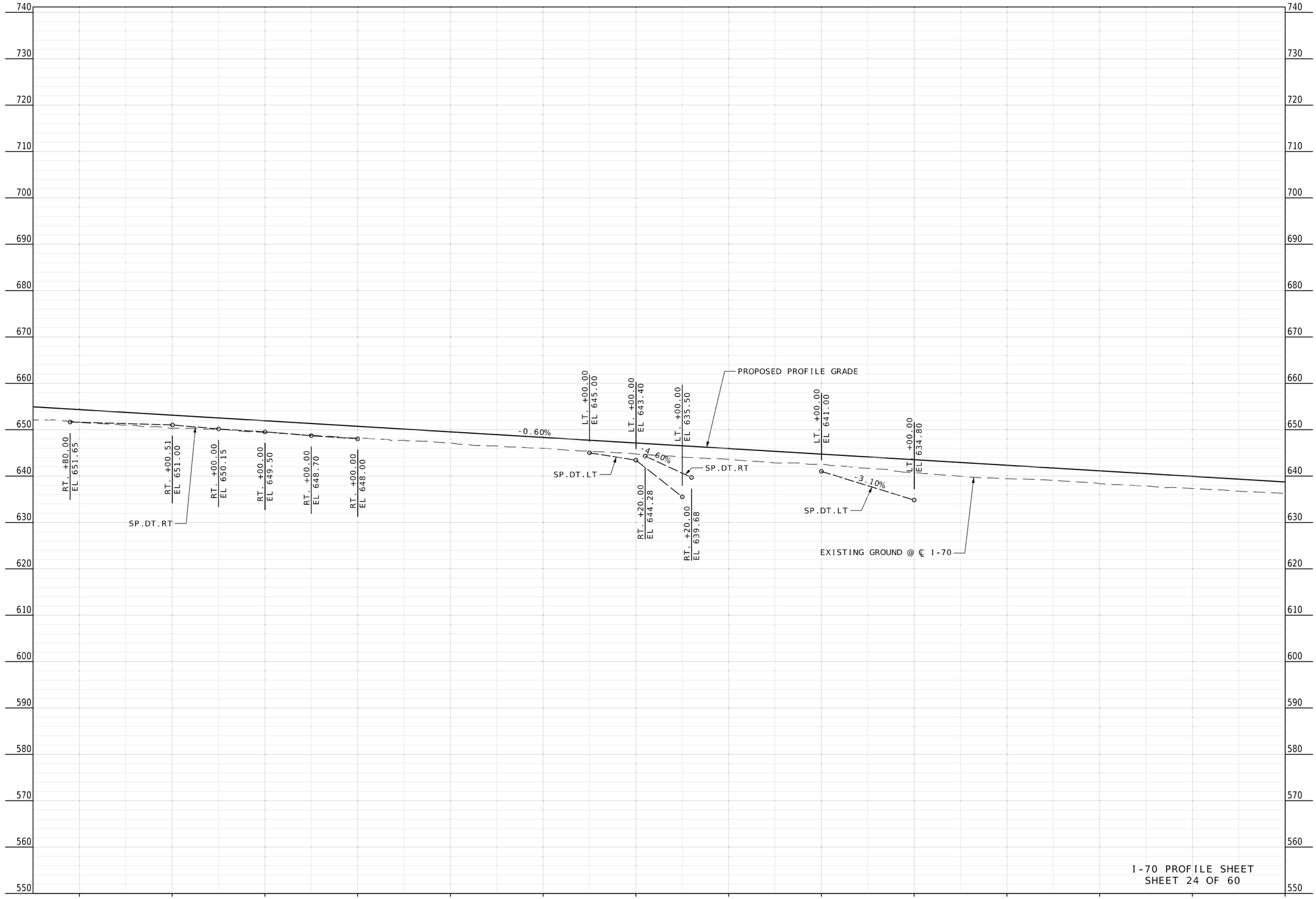
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority
No.: 000165




I-70 PROFILE SHEET
SHEET 24 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 27 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

CULVERT 12
STA. 1023+24.89 70.65' LT TO
STA. 1023+25.76 80.61' LT
INSTALL 10'x 42" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 42" SAFETY FLARED END SECTION

T48NR16WS7

T48NR16WS8

SEC. LINE
N00°38'47"E

1005 1010 1015 1020 1025

PROPOSED ℄ I-70

EXISTING ROW

MATCHLINE STA. 1000+00.00

EXIST. PERM. CHANNEL ESM'T

EXIST. PERM. CHANNEL ESM'T

POT STA 1010+01.02

BEGIN 4' FBD 1014+30.00

END GUARDRAIL +75.51

4' FBD

S.L.

TYPE 2 ROCK DITCH LINER

EXIST. PERM. CHANNEL ESM'T

END 4' FBD
BEGIN 2' FBD
1023+30.00

ACTIVE PIPE TRENCHING AND INSTALLATION

U.I.P.

2' FBD

(R)

UT

WESTBOUND I-70

EASTBOUND I-70

12' LANE
12' LANE
12' LANE
12' LANE

MATCHLINE STA. 1027+00.00

U.I.P.

(R)

U.I.P.

(R)

PLUG WITH FLOWABLE FILL

EXISTING ROW

END GUARDRAIL +46.35

EXIST. PERM. CHANNEL ESM'T

BEGIN 4' FBD 1016+40.00

4' FBD

S.L.

END 4' FBD 1021+80.00

PLUG WITH FLOWABLE FILL

(R)

4' FBD

END 4' FBD
BEGIN V-DITCH
1026+20.00

TYPE 2 ROCK DITCH LINER

EXIST. PERM. CHANNEL ESM'T

BEGIN 4' FBD 1023+50.00

LEGEND

PROPOSED PAVEMENT

PROPOSED SHOULDER

ROCK FILL

SCALE

0 100 200 300 400 500

CULVERT 12
STA. 1023+10.76 90.90' RT TO
STA. 1023+11.63 80.93' RT
INSTALL 10'x 42" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 42" SAFETY FLARED END SECTION
ROCK LINING= 15 CY

T48NR16WS7

T48NR16WS8

I-70 PLAN SHEET
SHEET 25 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 28 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

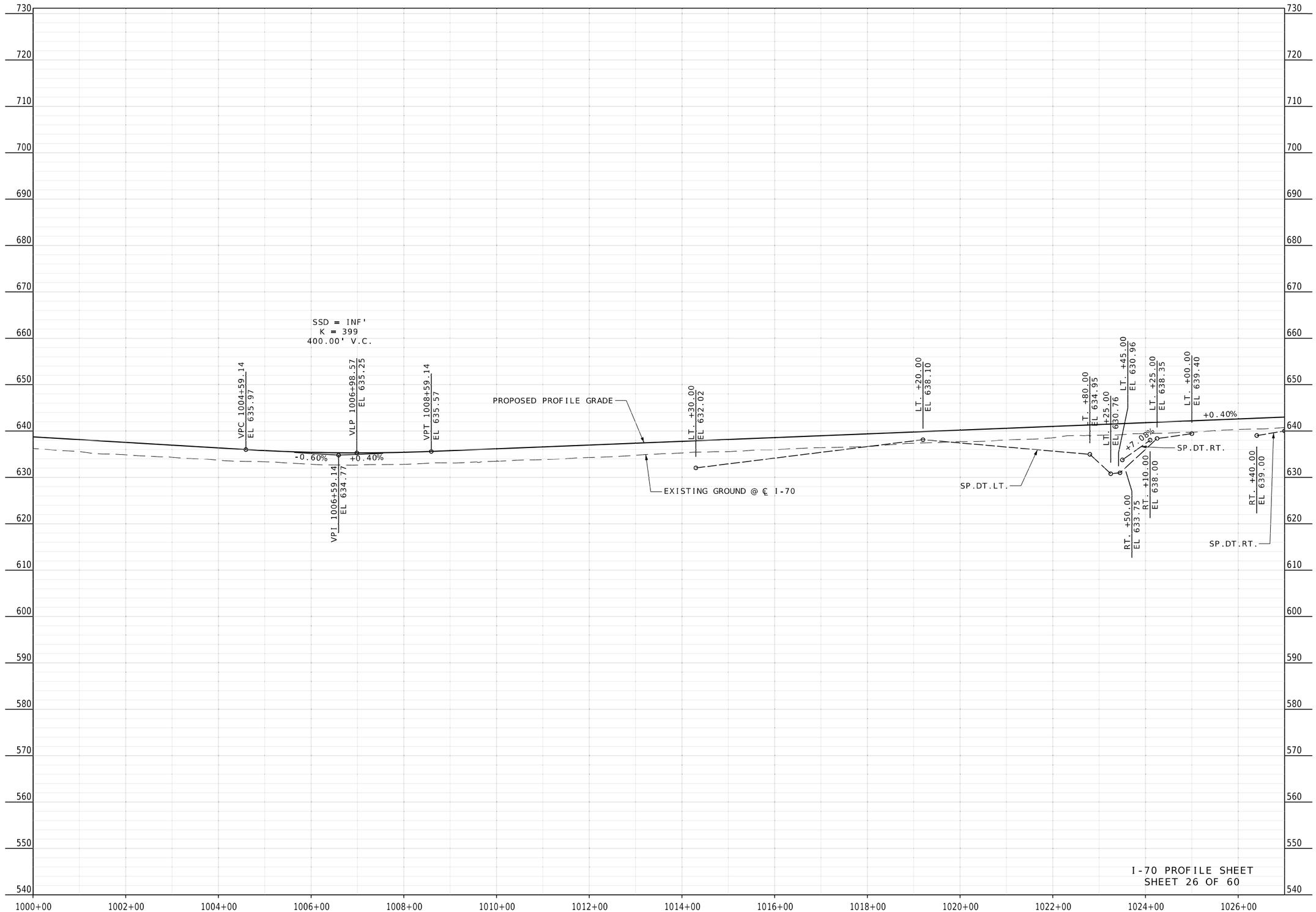
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|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 PROFILE SHEET
SHEET 26 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 29 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority
No.: 000165

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CULVERT F
STA. 1037+12.31 101.36' LT TO
STA. 1037+14.65 110.12' LT
INSTALL 9 LF 14'x 8' RCB.
REMOVE EXISTING WINGWALL
BUILD STRAIGHT WINGWALL, 15° LA

D06-LT P-1
STA. 1047+55.88 111.25' LT TO
STA. 1047+65.51 60.81' LT
INSTALL 51'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

PI 11+98.57
PC 10+00.00
PT 13+96.51
Δ 7°55'46.8" (LT)
D 1°59'59.5"
L 396.51' (ARC)
T 198.57'
R 2,865.00'

D06-LT P-2
STA. 1047+65.23 58.83' LT TO
STA. 1048+31.19 62.13' LT
INSTALL 64'x 24" PIPE, GROUP A

D06-LT I-1
STA, 1048+32.19 62.13' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

T48NR16WS8

D06-LT MH-1
STA. 1047+65.79 58.83' LT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

LG2878

MATCHLINE STA. 1027+00.00

1030 1035 1040 1045 1050

EXISTING ROW
BEGIN GUARDRAIL +27.75
END 2' FBD 1032+40.00
TYPE 2 ROCK DITCH LINER
2' FBD
(R)
BEGIN TAPER STA 1034+37.00 OFF 44.00' LT.
BEGIN TAPER STA 1035+86.96 OFF 54.00' LT.
EXIST. PERM. CHANNEL ESM'T
END TAPER STA 1037+37.00 OFF 56.00' LT.
PROPOSED ℄ I-70
S.L.
START STA 10+00.00 RTE 87 RAMP 1 = STA 1043+37.08 ℄ I-70
℄ RTE 87 RAMP 1
END GUARDRAIL +60.03
PT STA 13+96.51
SEC. LINE N00°34'16"E
D06-LT P-1
(R)
D06-LT MH-1
(R)
D06-LT P-2
(R)
END VARIABLE DITCH BEGIN 4' FBD 1048+32.69
END STA 18+10.00 RTE 87 RAMP 1 = STA 1051+41.86 ℄ I-70
D06-LT I-1
4' FBD
N80°29'26"E

12' LANE
12' LANE
12' LANE
WESTBOUND I-70
12' LANE
12' LANE
12' LANE
EASTBOUND I-70

N38°25'13"E

END V-DITCH BEGIN 4' FBD 1029+10.00
4' FBD
BEGIN GUARDRAIL +32.77
END 4' FBD 1031+90.00
EXISTING ROW
EXIST. PERM. CHANNEL ESM'T
U.I.P.
BEGIN TAPER STA 1036+73.80 OFF 44.00' RT.
BEGIN TAPER STA 1037+98.75 OFF 54.00' RT.
END TAPER STA 1039+23.80 OFF 56.00' RT.
S.L.
PLUG WITH FLOWABLE FILL
END GUARDRAIL +44.79
(R)
START STA 10+00.00 RTE 87 RAMP 2 = STA 1042+73.90 ℄ I-70
PT STA 13+48.42
S84°36'43"E
D06-RT I-1
D06-RT P-1
(R)
(R)
(R)
4' FBD
D06-RT I-2
BEGIN GUARDRAIL +30.34
END VARIABLE DITCH BEGIN 4' FBD 1048+81.75
D06-RT P-2
END STA 16+00.00 RTE 87 RAMP 2 = STA 1048+71.18 ℄ I-70
MATCHLINE STA. 1054+00.00

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

T48NR16WS8

PI 11+74.42
PC 10+00.00
PT 13+48.42
Δ 6°58'4.3" (RT)
D 1°59'59.5"
L 348.42' (ARC)
T 174.42'
R 2,865.00'

℄ RTE 87 RAMP 2

D06-RT P-1
STA. 1047+68.15 120.54' RT TO
STA. 1047+74.33 60.26' RT
INSTALL 59'x 30" PIPE, GROUP A
INCL. 1- 30" GROUP A FLARED END SECTION
ROCK LINING= 4 CY

D06-RT I-1
STA. 1047+74.36 60.26' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D06-RT P-2
STA. 1047+75.86' 60.26' RT TO
STA. 1048+80.25 60.29' RT
INSTALL 105'x 24" PIPE, GROUP A

D06-RT I-2
STA. 1047+81.75 64.06' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

I-70 PLAN SHEET
SHEET 27 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

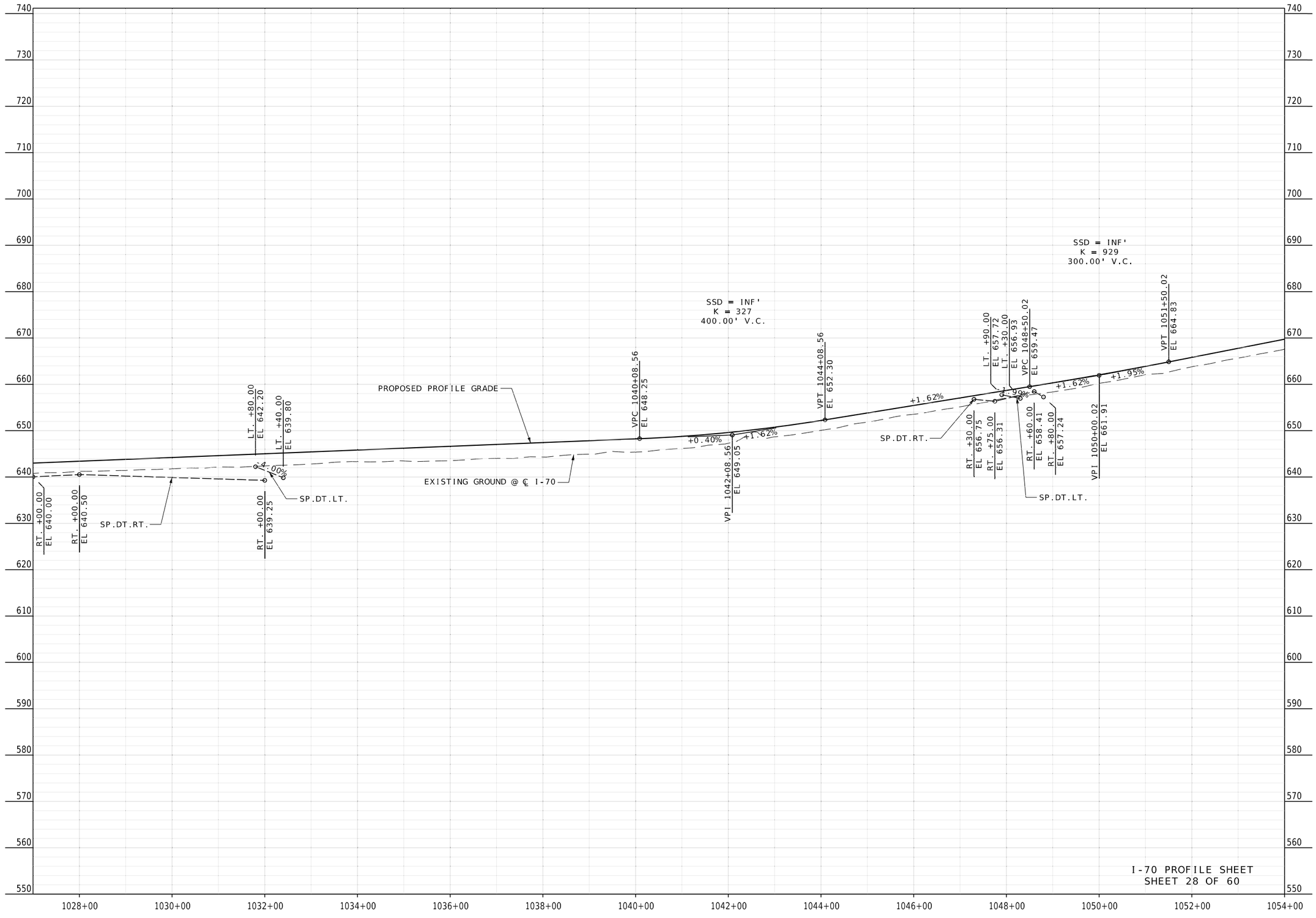
DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 30
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 PROFILE SHEET
SHEET 28 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 31 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

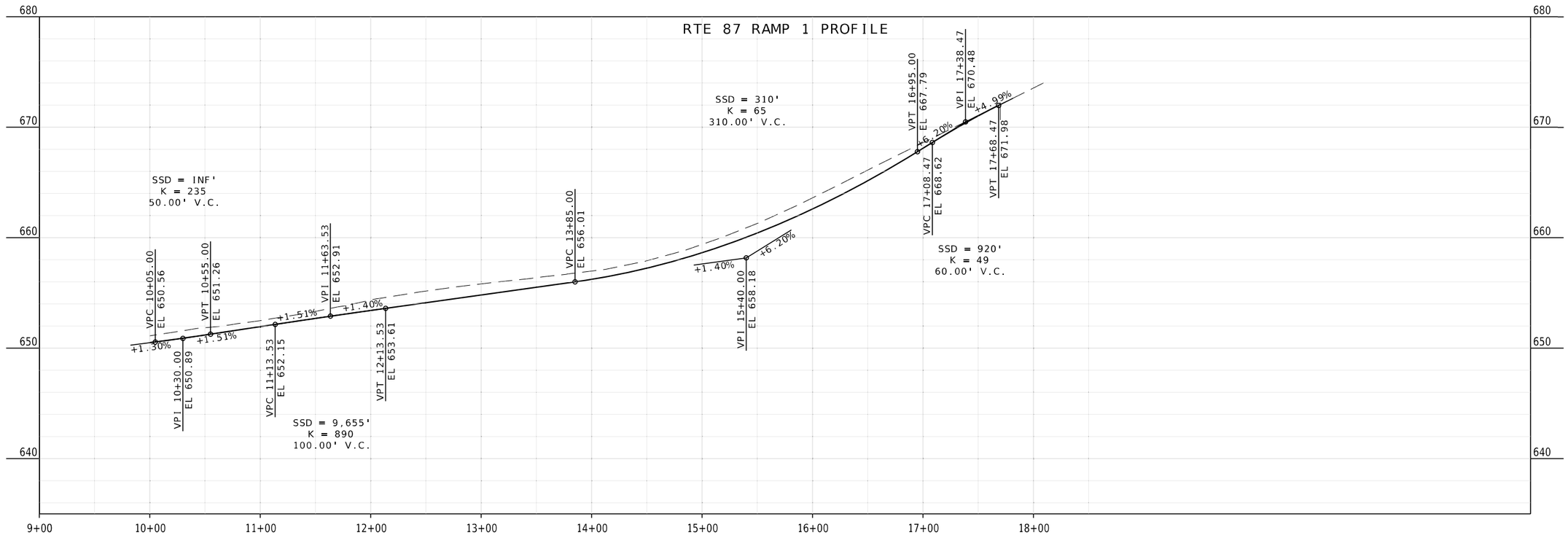
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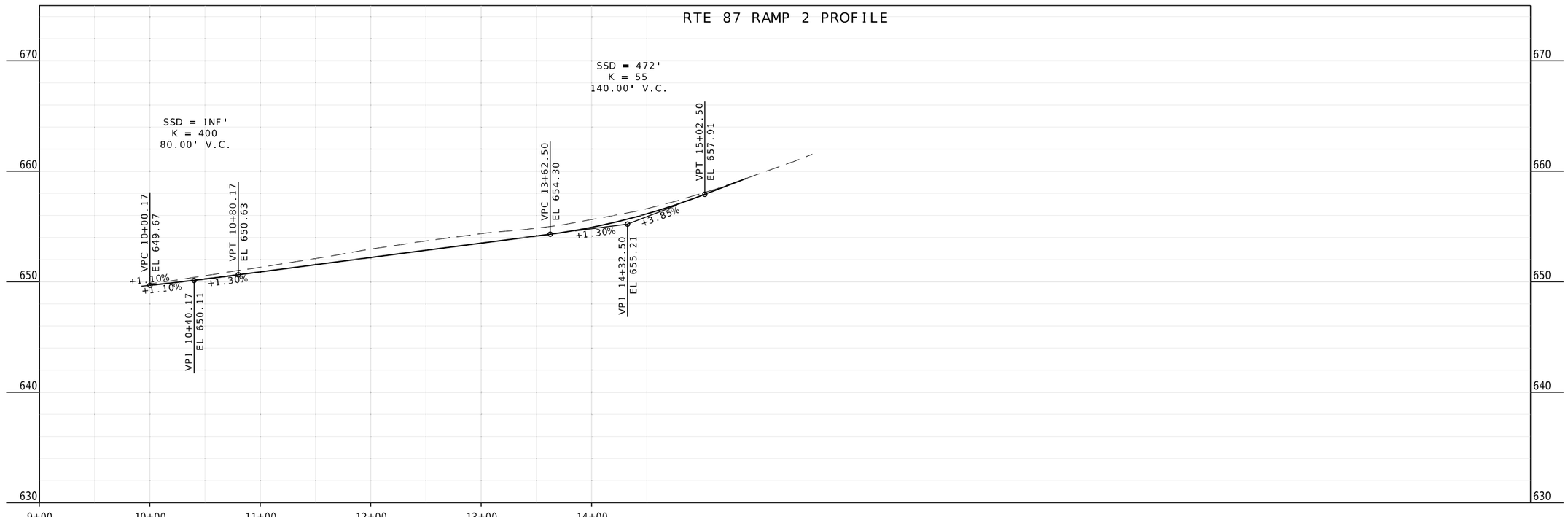
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
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RTE 87 RAMPS 1 & 2 PROFILES SHEET
SHEET 29 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 32 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

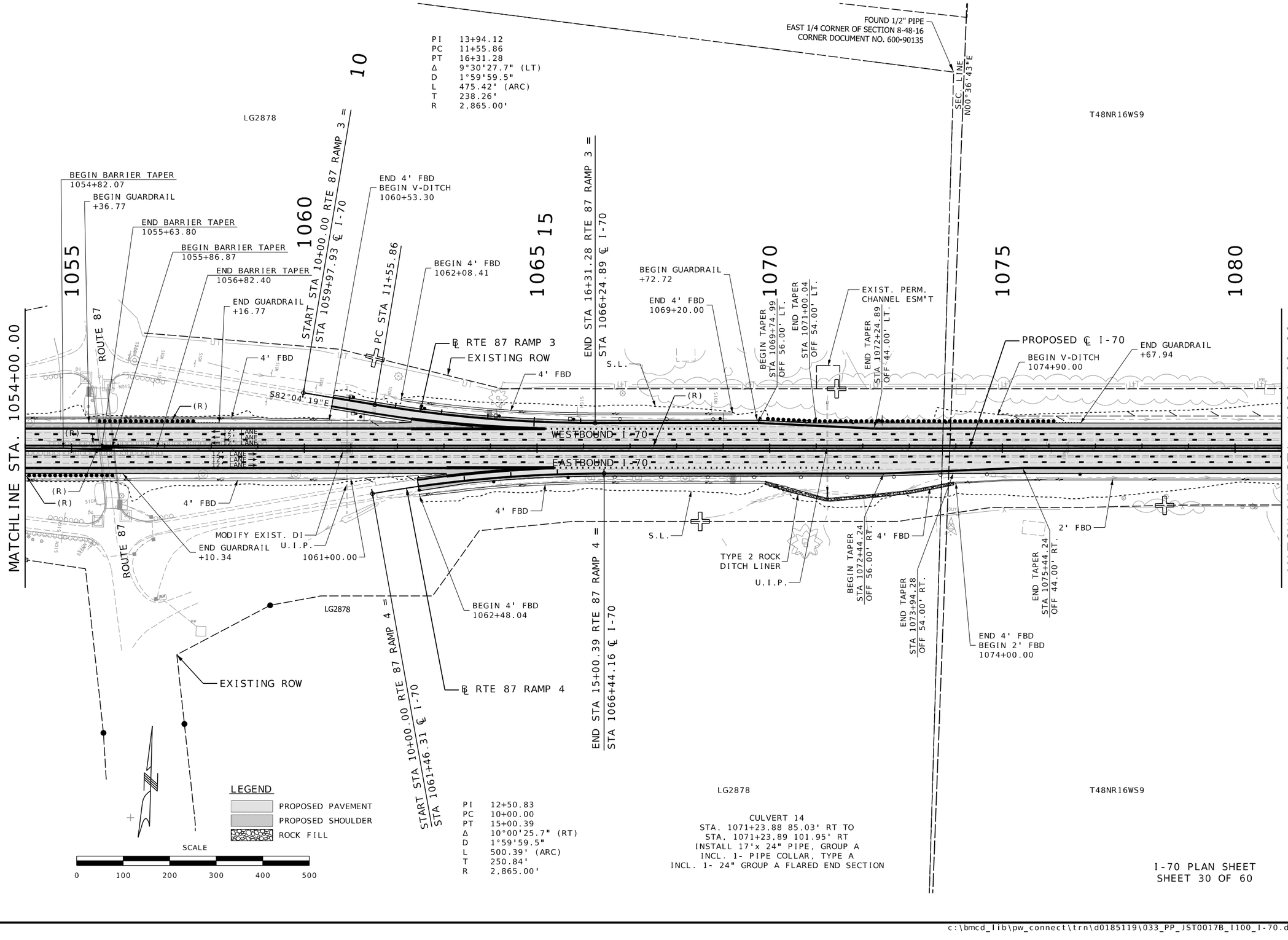
PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 33 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

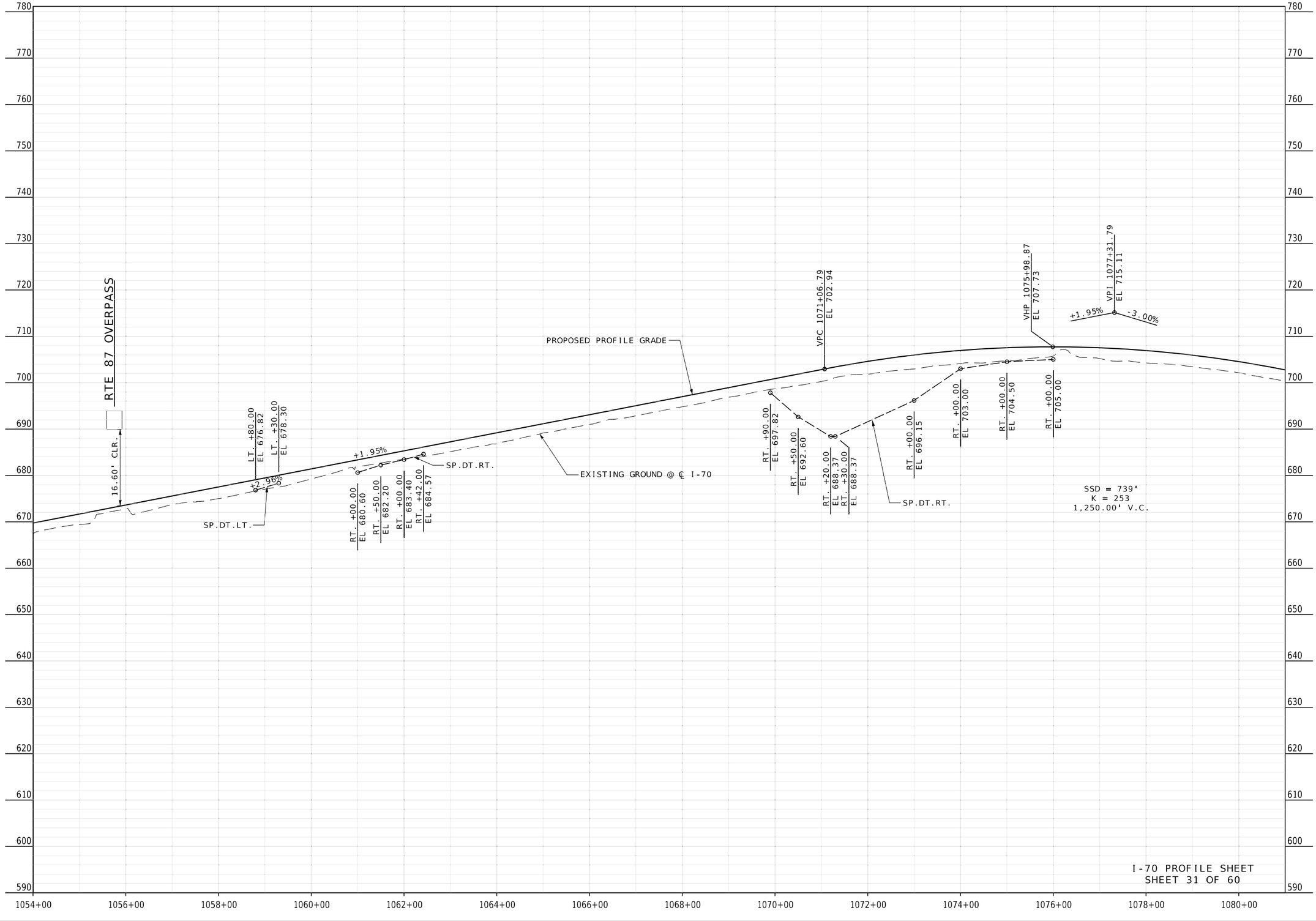
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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I-70 PROFILE SHEET
SHEET 31 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 34 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

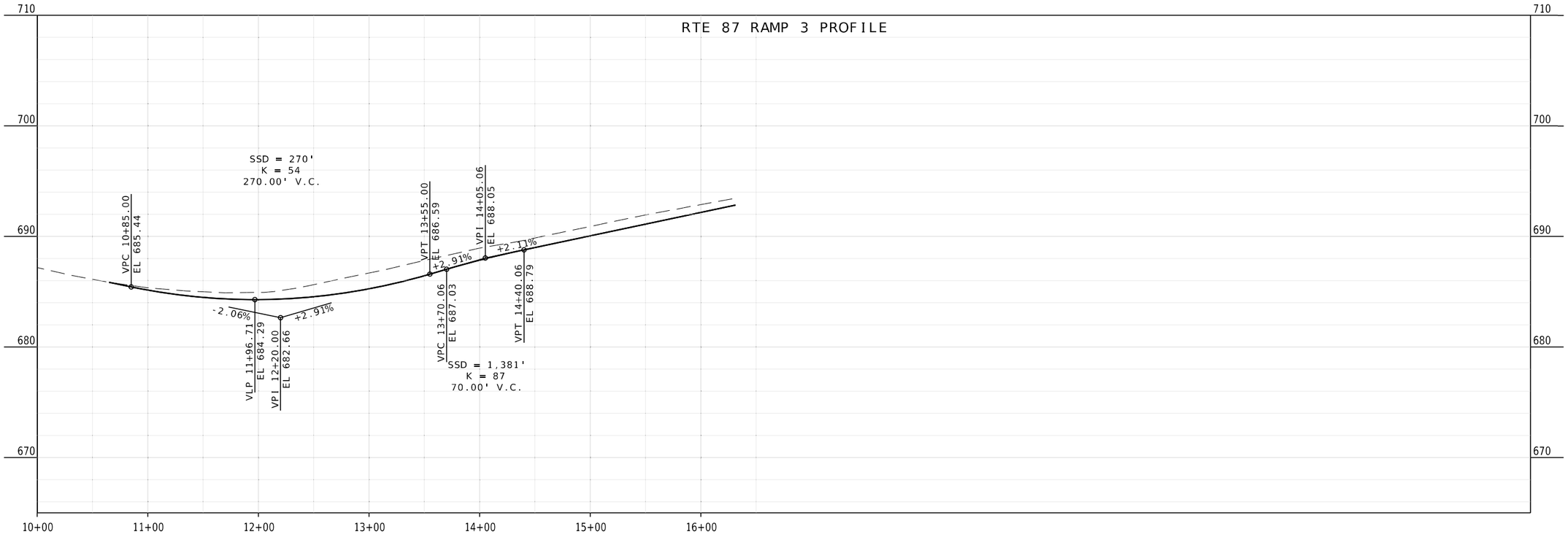
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|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

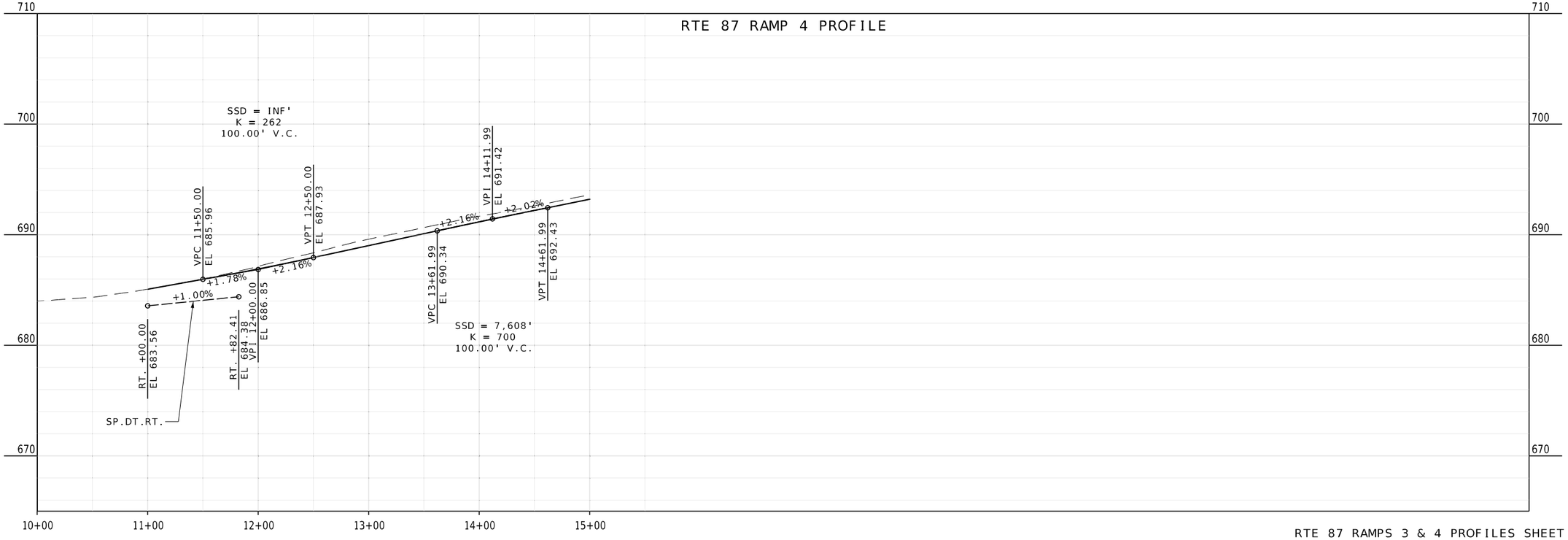
BURNS McDONNELL
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Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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## RTE 87 RAMP 3 PROFILE




## RTE 87 RAMP 4 PROFILE




RTE 87 RAMPS 3 & 4 PROFILES SHEET
SHEET 32 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 35 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

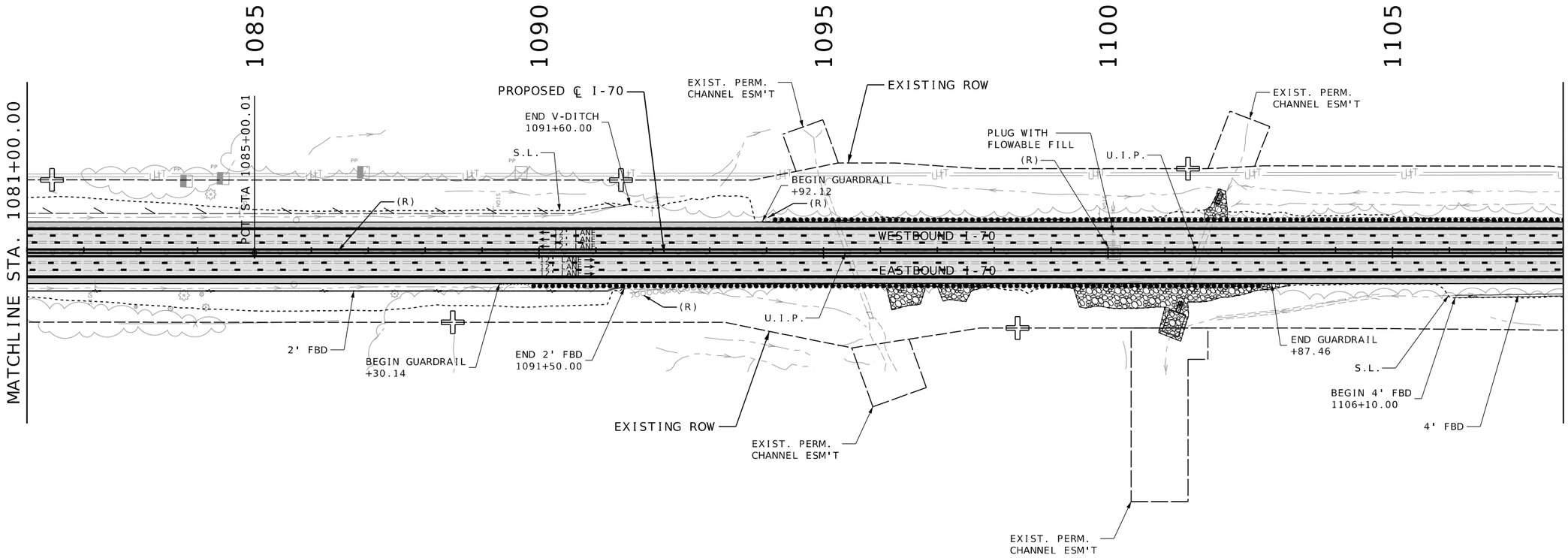
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

CULVERT 16
STA. 1101+91.54 86.20' LT TO
STA. 1101+93.63 91.92' LT
INSTALL 6 LF 7'x 6' RCB
REMOVE EXISTING WINGWALL
BUILD STRAIGHT WINGWALL, 20° LA

T48NR16WS9




LEGEND

- PROPOSED PAVEMENT
- PROPOSED SHOULDER
- ROCK FILL

SCALE

0 100 200 300 400 500

T48NR16WS9

CULVERT 16
STA. 1101+28.88 86.27' RT TO
STA. 1101+26.71 92.29' RT
INSTALL 6 LF 7'x 6' RCB
REMOVE EXISTING WINGWALL
BUILD STRAIGHT WINGWALL, 20° LA
ROCK LINING= 111 CY

I-70 PLAN SHEET
SHEET 33 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 36 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

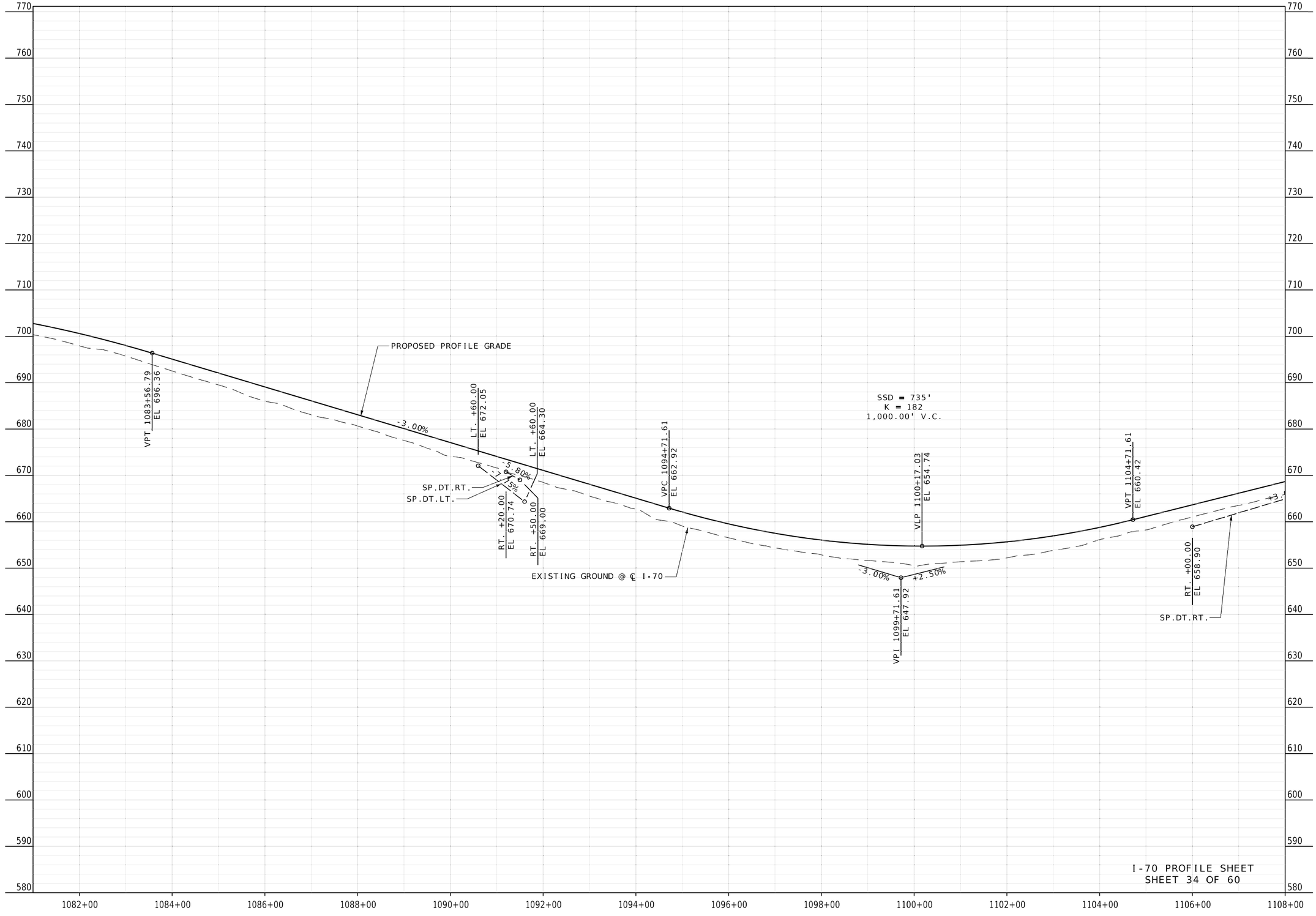
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 37 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

CULVERT 17
STA. 1118+09.36 65.35' LT TO
STA. 1118+10.25 75.44' LT
INSTALL 10'x 30" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 30" GROUP A FLARED END SECTION

T48NR16WS9

T48NR16WS10

SEC. LINE
N02°00'01"E

1110 1115 1120 1125 1130

MATCHLINE STA. 1108+00.00

MATCHLINE STA. 1135+00.00

BEGIN V-DITCH
1111+50.00

EXIST. PERM.
CHANNEL ESM'T

END V-DITCH
1118+10.00

TYPE 2 ROCK
DITCH LINER

S.L.

U.I.P.

PROPOSED ℄ I-70

EXISTING ROW

EXIST. PERM.
CHANNEL ESM'T

BEGIN TAPER
STA 1133+20.00
OFF 54.00' LT.

END TAPER
STA 1133+70.00
OFF 52.00' LT.

U.I.P.

(R)

END GUARDRAIL
+86.44

12' LANE
12' LANE
12' LANE
12' LANE
12' LANE
12' LANE

WESTBOUND I-70

N88°24'05"E

EASTBOUND I-70

(R)

(R)

(R)

END 4' FBD
BEGIN V-DITCH
1110+00.00

4' FBD

END V-DITCH
1116+20.00

PLUG WITH
FLOWABLE FILL

EXIST. PERM.
CHANNEL ESM'T

BEGIN V-DITCH
1119+00.00

TYPE 2 ROCK
DITCH LINER

EXISTING ROW

END V-DITCH
1121+90.00

BEGIN GUARDRAIL
+18.08

S.L.

END GUARDRAIL
+92.36

EXIST. PERM.
CHANNEL ESM'T

BEGIN GUARDRAIL
+80.12

BEGIN V-DITCH
1129+20.00

LEGEND

PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

T48NR16WS9

CULVERT 17
STA. 1117+95.50 93.85' RT TO
STA. 1117+99.40 49.00' RT
INSTALL 45'x 30" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 30" GROUP A FLARED END SECTION
ROCK LINING= 4 CY

T48NR16WS10

I-70 PLAN SHEET
SHEET 35 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 38 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

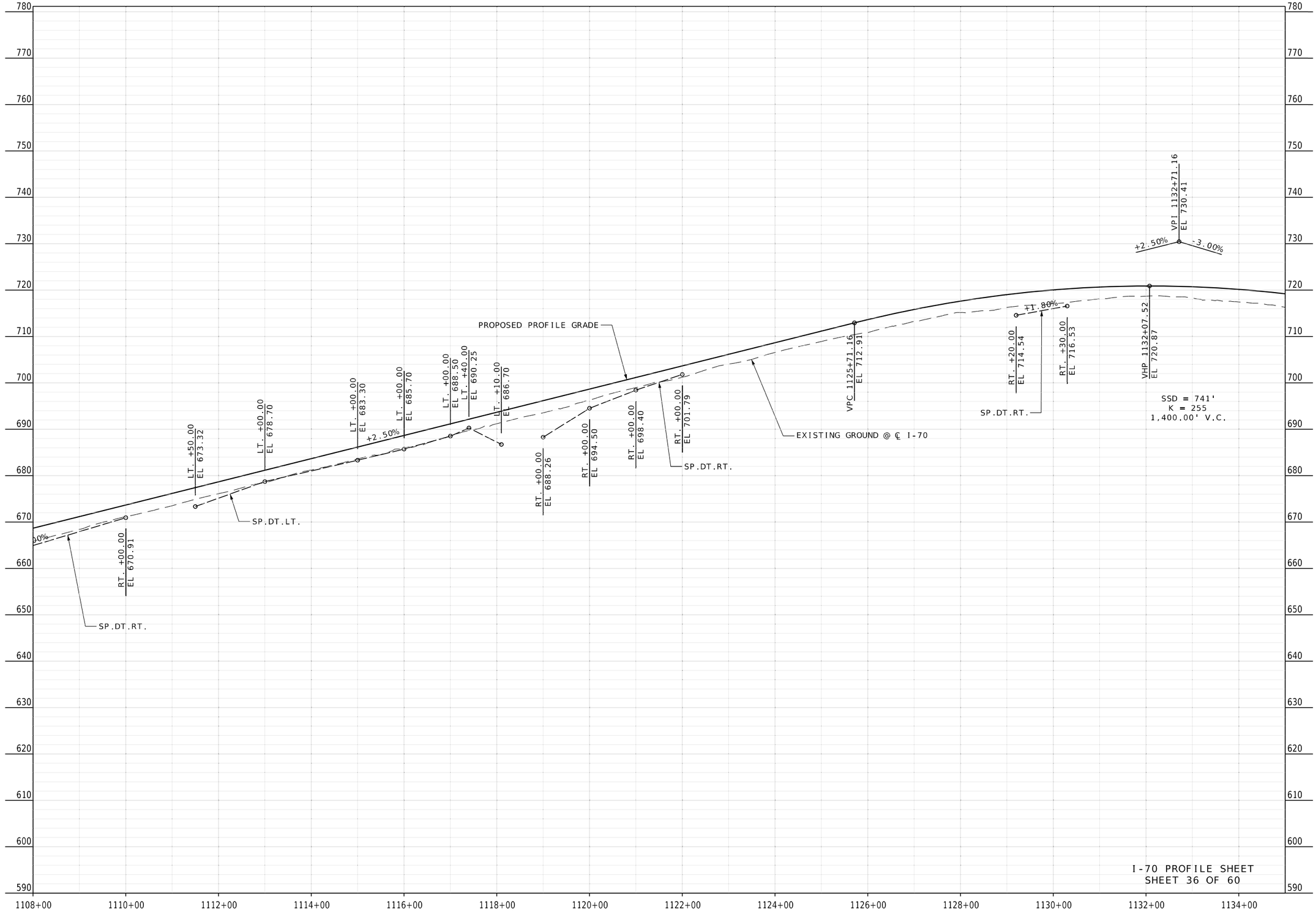
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 39 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
-

| DATE | DESCRIPTION |
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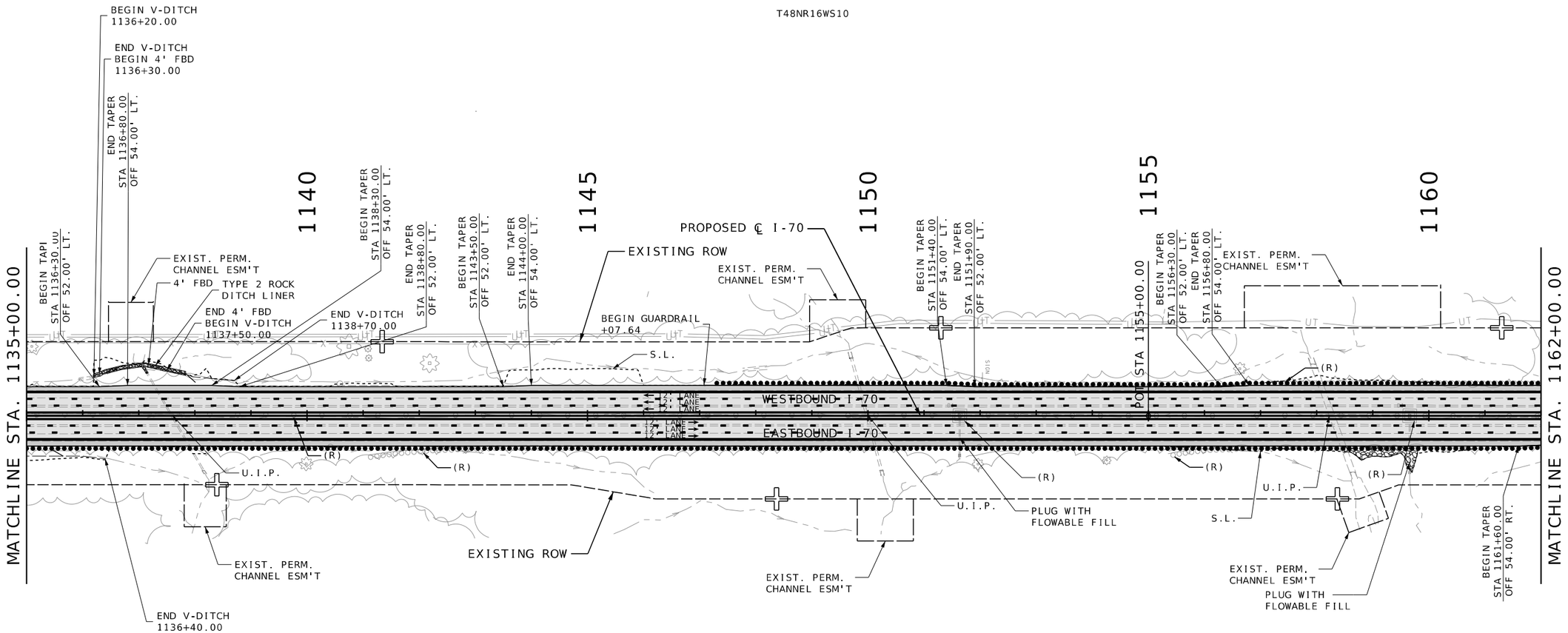
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
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CULVERT 19
STA. 1137+11.67 81.22' LT TO
STA. 1137+14.18 76.90' LT
INSTALL 5'x 30" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 30" GROUP A FLARED END SECTION

T48NR16WS10




T48NR16WS10

LEGEND
- PROPOSED PAVEMENT
- PROPOSED SHOULDER
- ROCK FILL

SCALE
0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 37 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 40 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

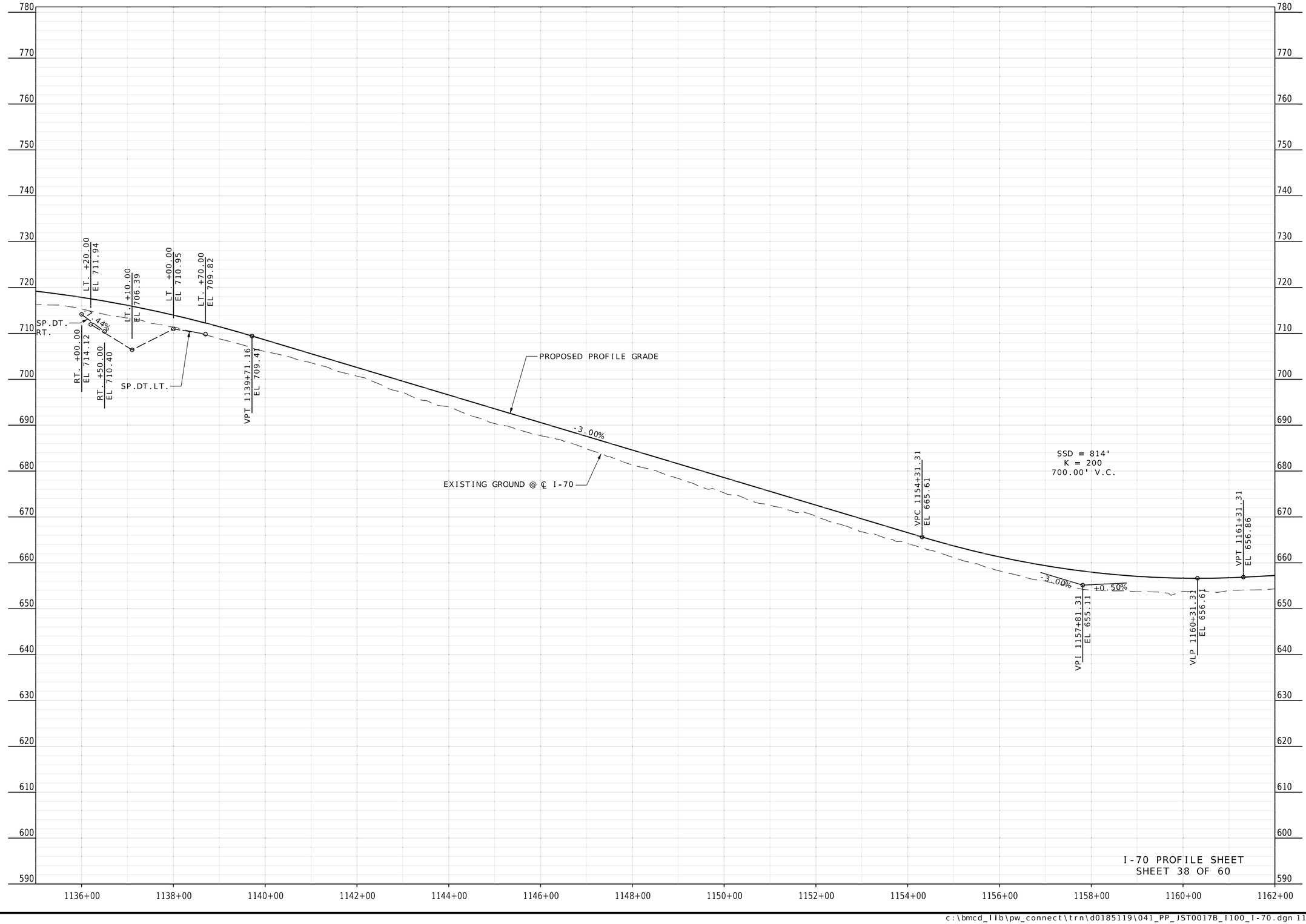
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 41 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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No.: 000165

T48NR16WS10

T48NR16WS11

1165 1170 1175 1180 1185

SEC. LINE N01°50'29"E

MATCHLINE STA. 1162+00.00

MATCHLINE STA. 1189+00.00

BEGIN TAPER STA 1163+40.00 OFF 54.00' LT.

END TAPER STA 1163+90.00 OFF 52.00' LT.

PROPOSED ℄ I-70

EXISTING ROW

BEGIN TAPER STA 1178+00.00 OFF 52.00' LT.

END TAPER STA 1178+50.00 OFF 54.00' LT.

EXIST. PERM. CHANNEL ESM'T

BEGIN 2' FBD 1183+80.00

END GUARDRAIL +95.32

S.L.

2' FBD

UT

12' LANE

WESTBOUND I-70

EASTBOUND I-70

END GUARDRAIL +50.00

(R)

END TAPER STA 1162+10.00 OFF 52.00' RT.

EXISTING ROW

BEGIN TAPER STA 1176+07.18 OFF 52.00' RT.

END TAPER STA 1176+57.18 OFF 54.00' RT.

BEGIN GUARDRAIL +00.00

(R)

U.I.P.

S.L.

2' FBD

BEGIN 2' FBD 1184+50.00

END GUARDRAIL +12.35

EXIST. PERM. CHANNEL ESM'T

SEC. LINE S85°49'49"E

SEC. LINE N00°45'47"E

T48NR16WS10

LG2876

LEGEND

PROPOSED PAVEMENT

PROPOSED SHOULDER

ROCK FILL

SCALE

0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 39 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
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PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 42 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

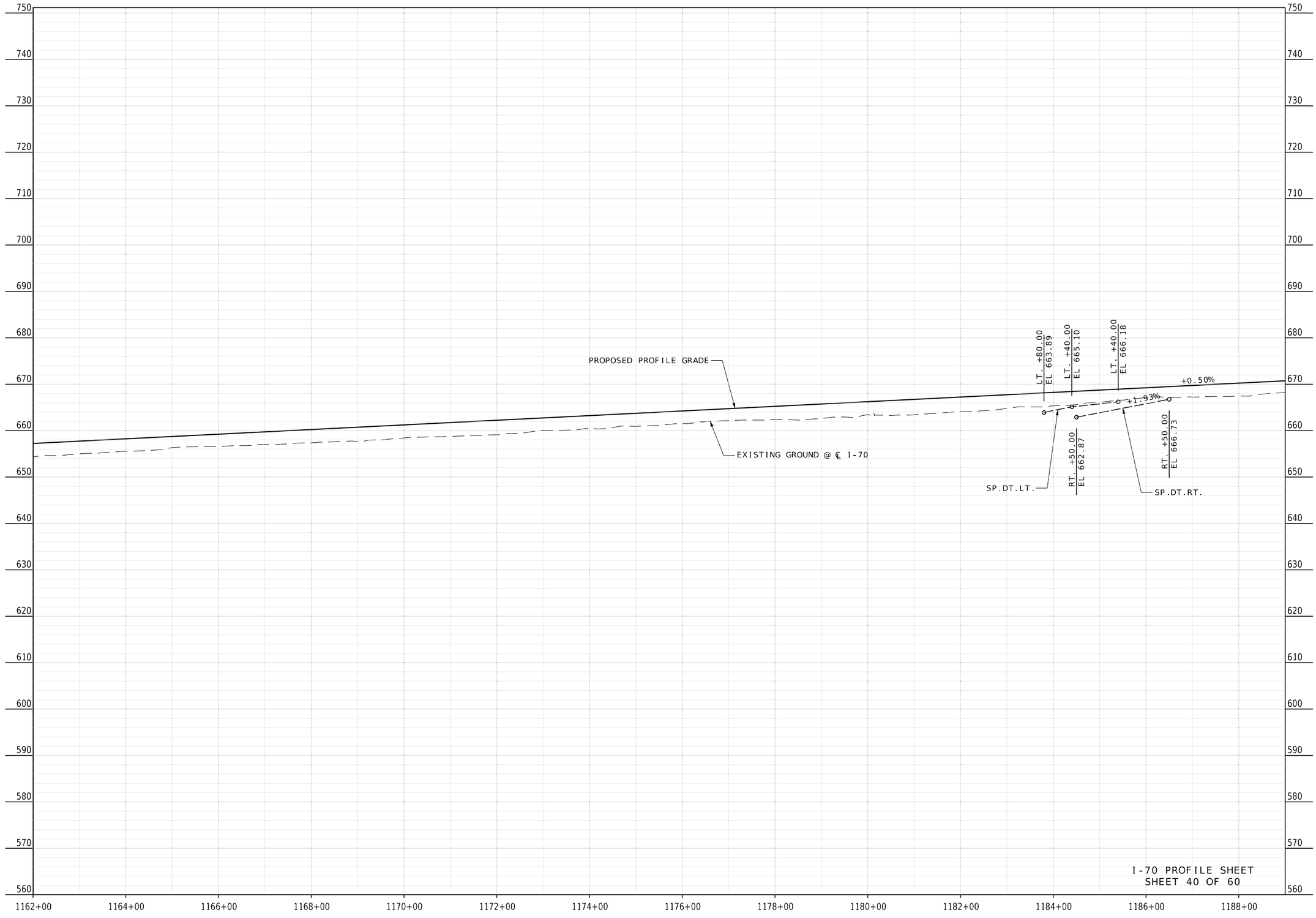
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 43 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

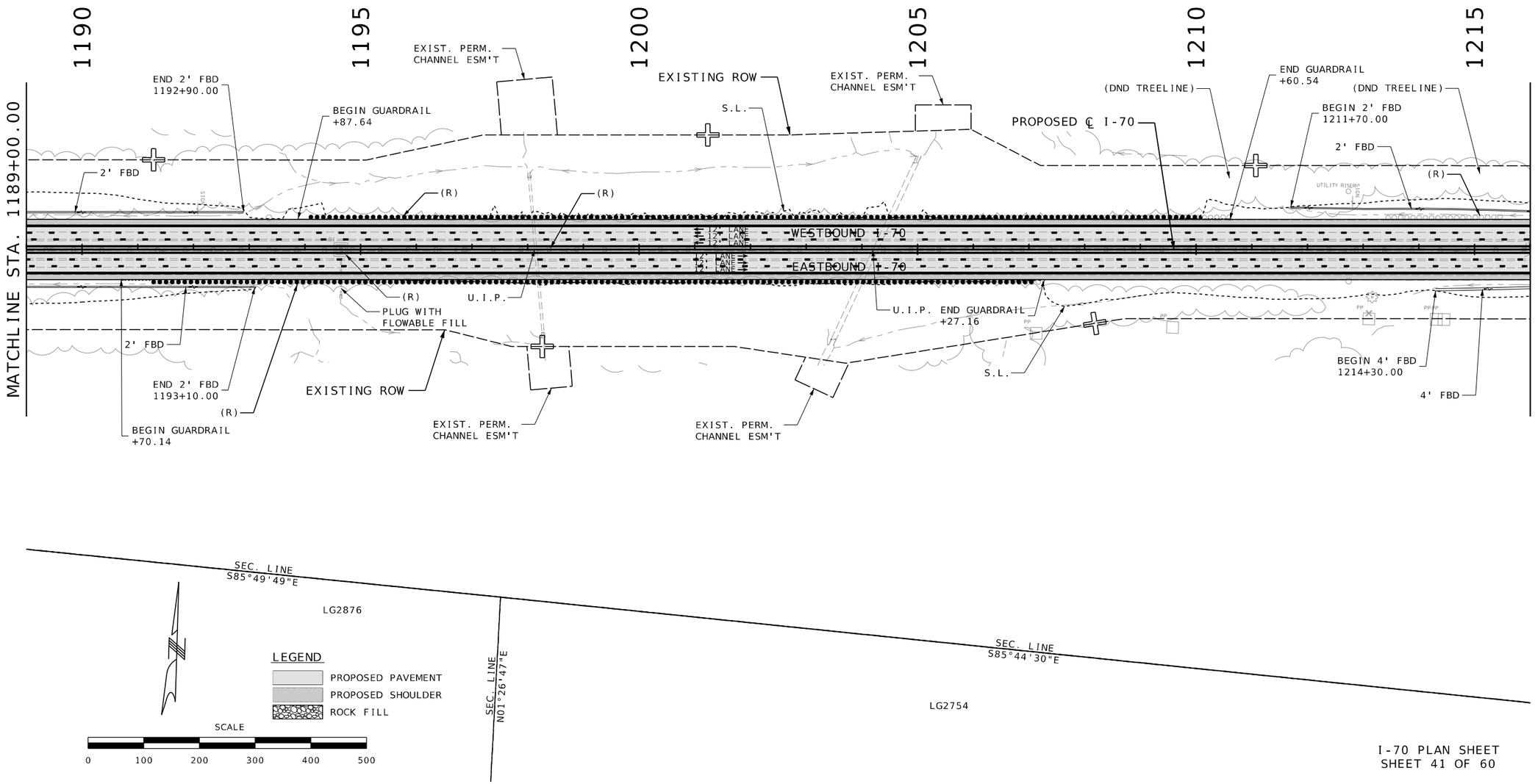
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

T48NR16WS11




I-70 PLAN SHEET
SHEET 41 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 44 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

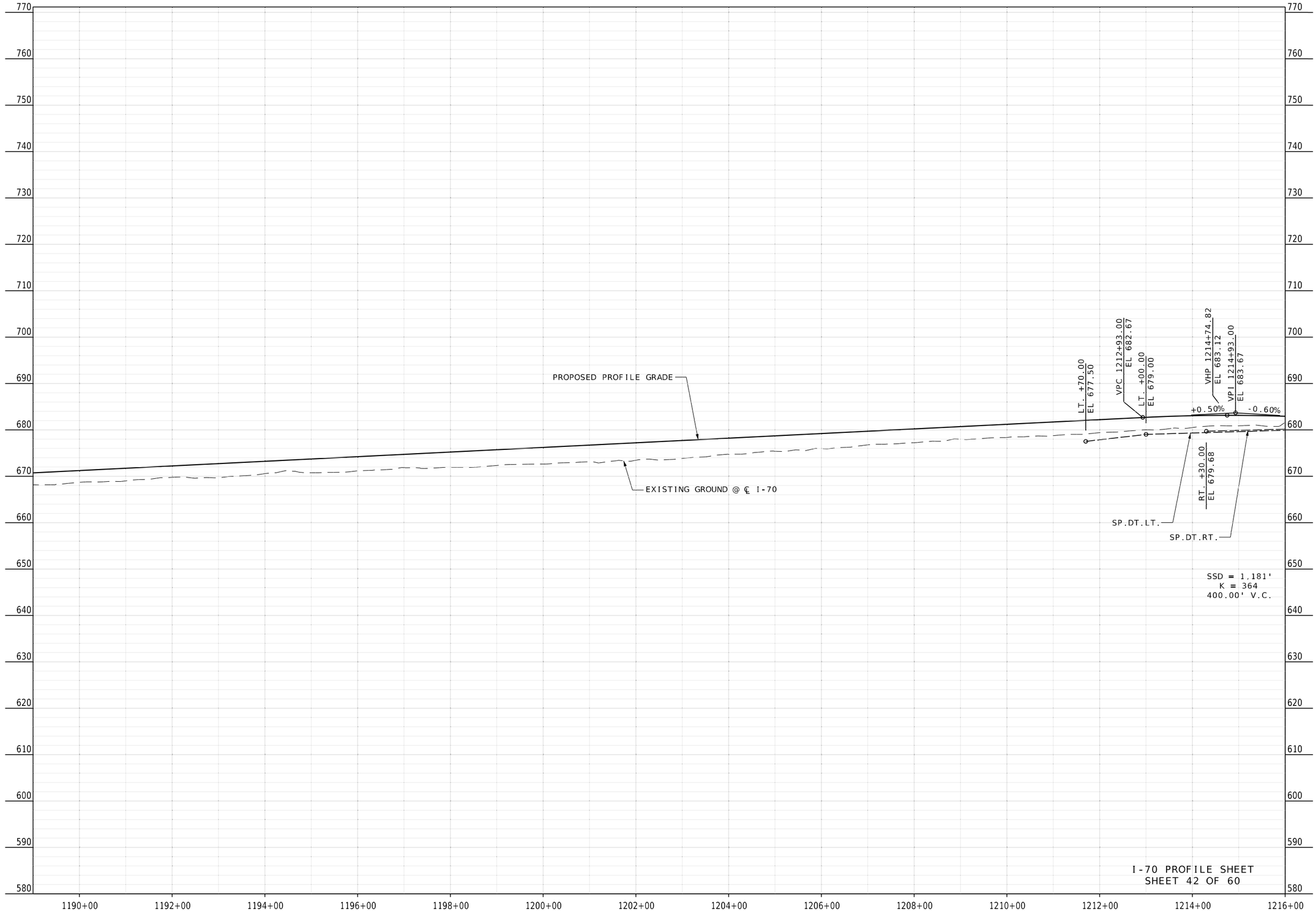
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 45 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

T48NR16WS11

T48NR16WS12

SEC. LINE
N02°46'21"E

MATCHLINE STA. 1216+00.00

MATCHLINE STA. 1243+00.00

1220

1225

1230

1235

1240

2' FBD

END 2' FBD
BEGIN V-DITCH
1217+00.00

(DND TREELINE)

END V-DITCH
1220+20.00

BEGIN GUARDRAIL
+87.67

EXIST. PERM.
CHANNEL ESM'T

S.L.

END GUARDRAIL
+82.61

PROPOSED ℄ I-70
BEGIN V-DITCH
1230+00.00

END BARRIER TAPER
1232+66.44

BEGIN BARRIER TAPER
1231+85.82

WOODLAND SCHOOL DRIVE

BEGIN GUARDRAIL
+91.00

BEGIN BARRIER TAPER
1232+86.16

END BARRIER TAPER
1233+37.95

END V-DITCH
1235+90.00

EXISTING ROW

EXIST. PERM.
CHANNEL ESM'T

WESTBOUND I-70

EASTBOUND I-70

12' LANE
12' LANE
12' LANE
12' LANE

(R)

U.I.P.

4' FBD

END 4' FBD
1220+63.18

BEGIN GUARDRAIL
+58.36

EXIST. PERM.
CHANNEL ESM'T

BEGIN V-DITCH
1230+00.00

(DND TREELINE)

END GUARDRAIL
+61.00

WOODLAND SCHOOL DRIVE

END V-DITCH
1235+70.00

BEGIN GUARDRAIL
+34.24

EXISTING ROW

EXIST. PERM.
CHANNEL ESM'T

T48NR16WS11

T48NR16WS12

LEGEND

PROPOSED PAVEMENT

PROPOSED SHOULDER

ROCK FILL

SCALE

0 100 200 300 400 500

SEC. LINE
S85°44'30"E

I-70 PLAN SHEET
SHEET 43 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 46 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

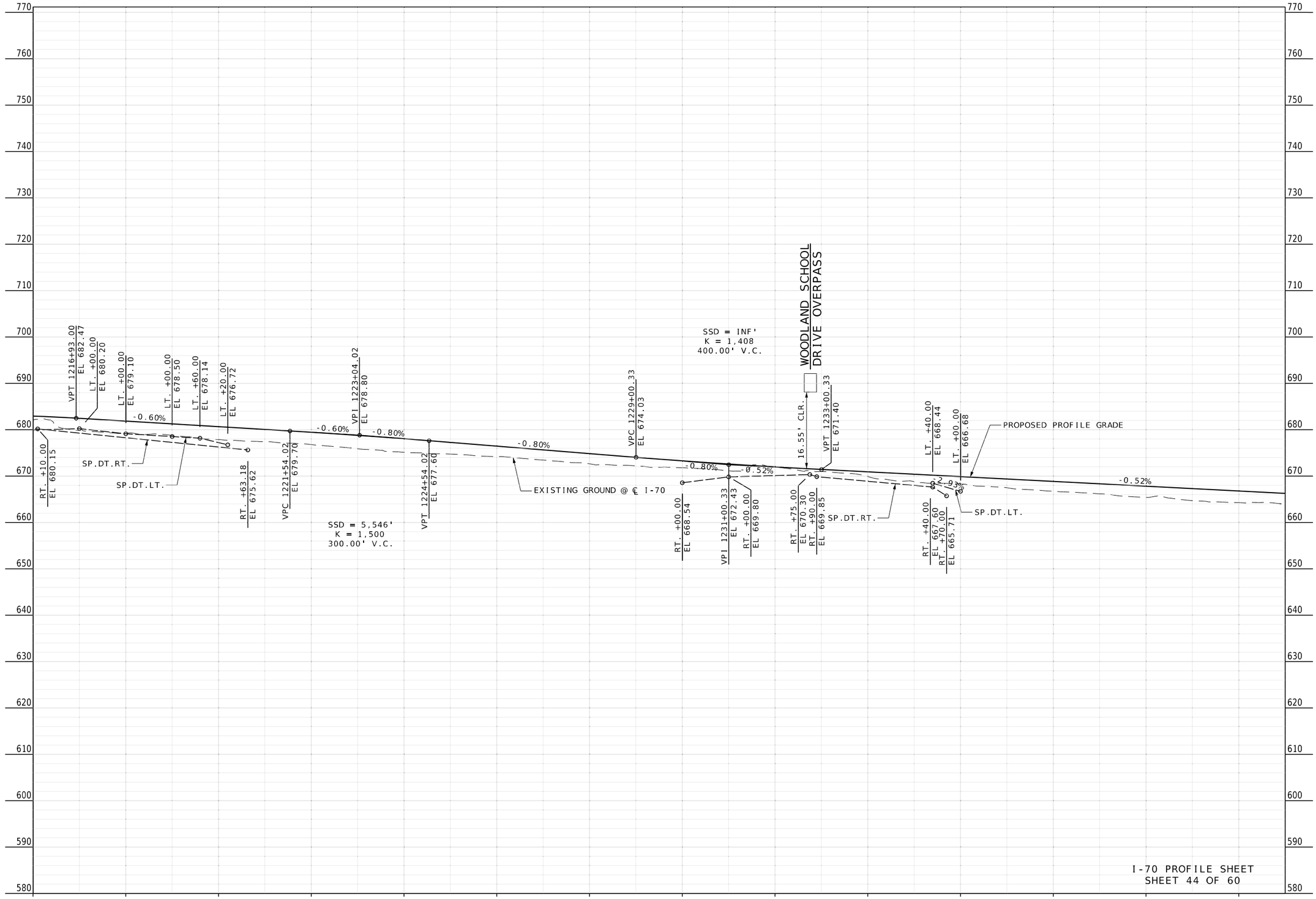
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 PROFILE SHEET
SHEET 44 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 47 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

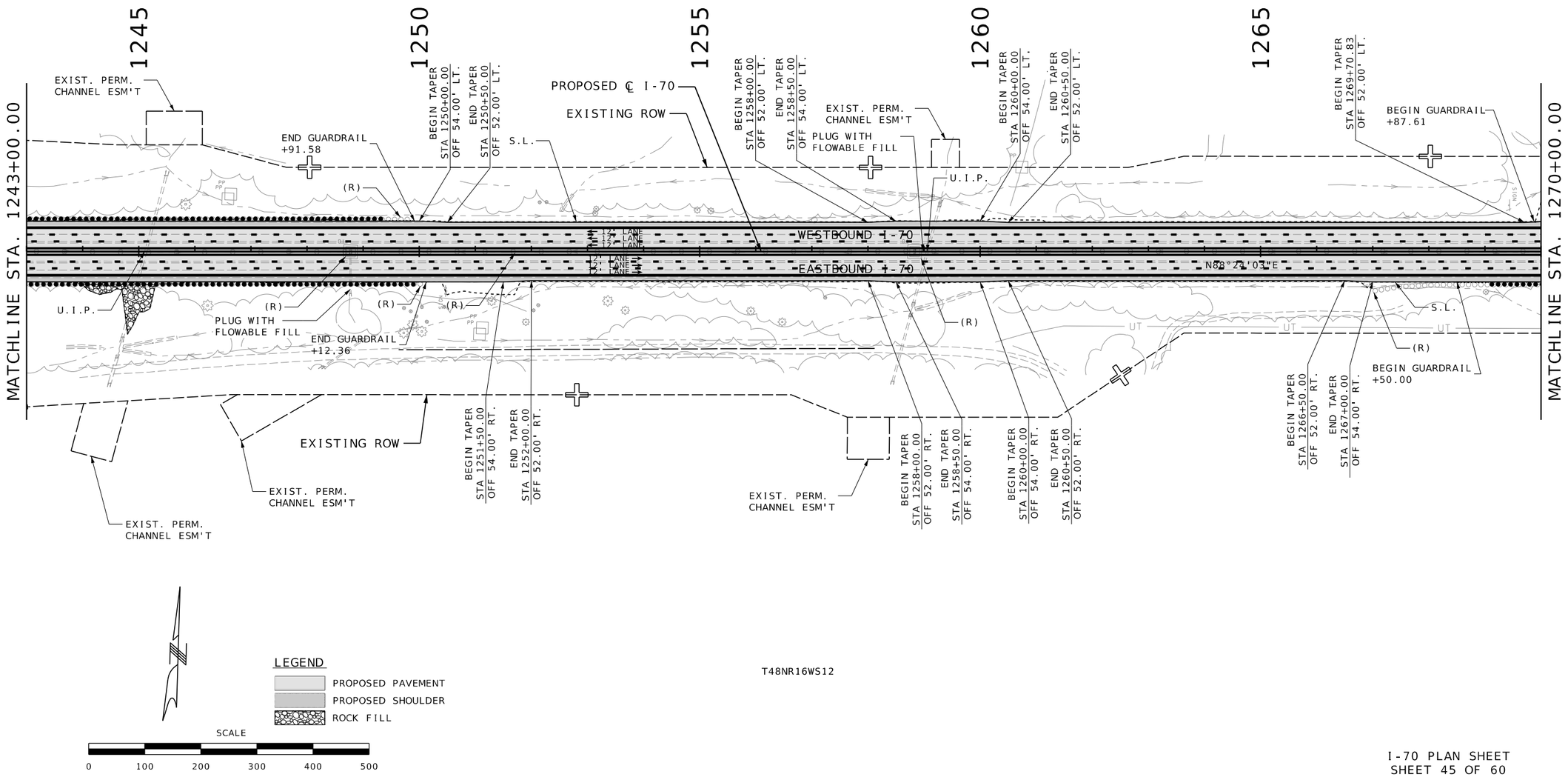
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




T48NR16WS12

I-70 PLAN SHEET
SHEET 45 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 48 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

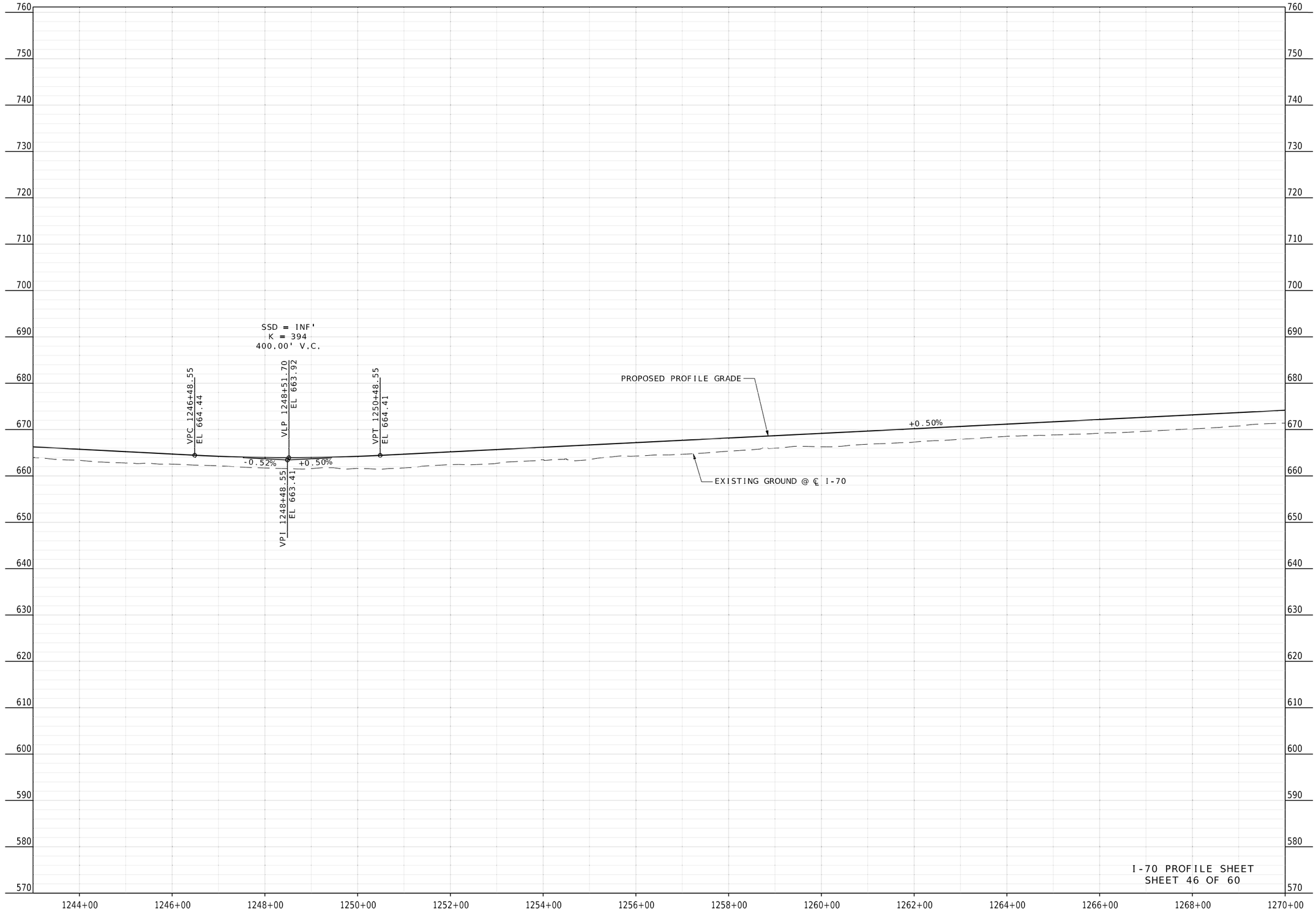
PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
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Certificate of Authority
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STATE OF MISSOURI
RONNIE L. WILLIAMS
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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 49 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority
No.: 000165

CULVERT 29
STA. 1296+82.41 75.47' LT TO
STA. 1296+82.47 90.47' LT
INSTALL 15'x 36" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 36" GROUP A FLARED END SECTION

MATCHLINE STA. 1270+00.00

1275

1280

1285

1290

1295

MATCHLINE STA. 1297+00.00

EXIST. PERM. CHANNEL ESM'T

END TAPER STA 1270+20.83 OFF 54.00' LT.

(R)

U.I.P.

S.L.

PLUG WITH FLOWABLE FILL

BEGIN TAPER STA 1279+50.00 OFF 54.00' RT.

END TAPER STA 1280+00.00 OFF 52.00' RT.

EXIST. PERM. CHANNEL ESM'T

PROPOSED ℄ I-70

END GUARDRAIL +97.90

BEGIN TAPER STA 1284+50.00 OFF 54.00' LT.

END TAPER STA 1285+00.00 OFF 52.00' LT.

BEGIN V-DITCH 1285+10.00

SEC. LINE N01°23'05"E

END V-DITCH 1286+40.00

EXISTING ROW

12' LANE
12' LANE
12' LANE
12' LANE

WESTBOUND I-70

EASTBOUND I-70

12' LANE
12' LANE
12' LANE
12' LANE

EXISTING ROW

BEGIN TAPER STA 1293+48.58 OFF 52.00' RT.

END TAPER STA 1293+98.58 OFF 54.00' RT.

BEGIN TAPER STA 1295+00.00 OFF 52.00' LT.

END TAPER STA 1295+50.00 OFF 54.00' LT.

TYPE 2 ROCK DITCH LINER

BEGIN 4' FBD 1295+70.00

END 4' FBD 1297+00.00

4' FBD

EXIST. PERM. CHANNEL ESM'T

(R)

PLUG WITH FLOWABLE FILL

U.I.P.

EXIST. PERM. CHANNEL ESM'T

T48NR16WS12

T48NR15WS7

LEGEND

PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE

0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 47 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 50 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

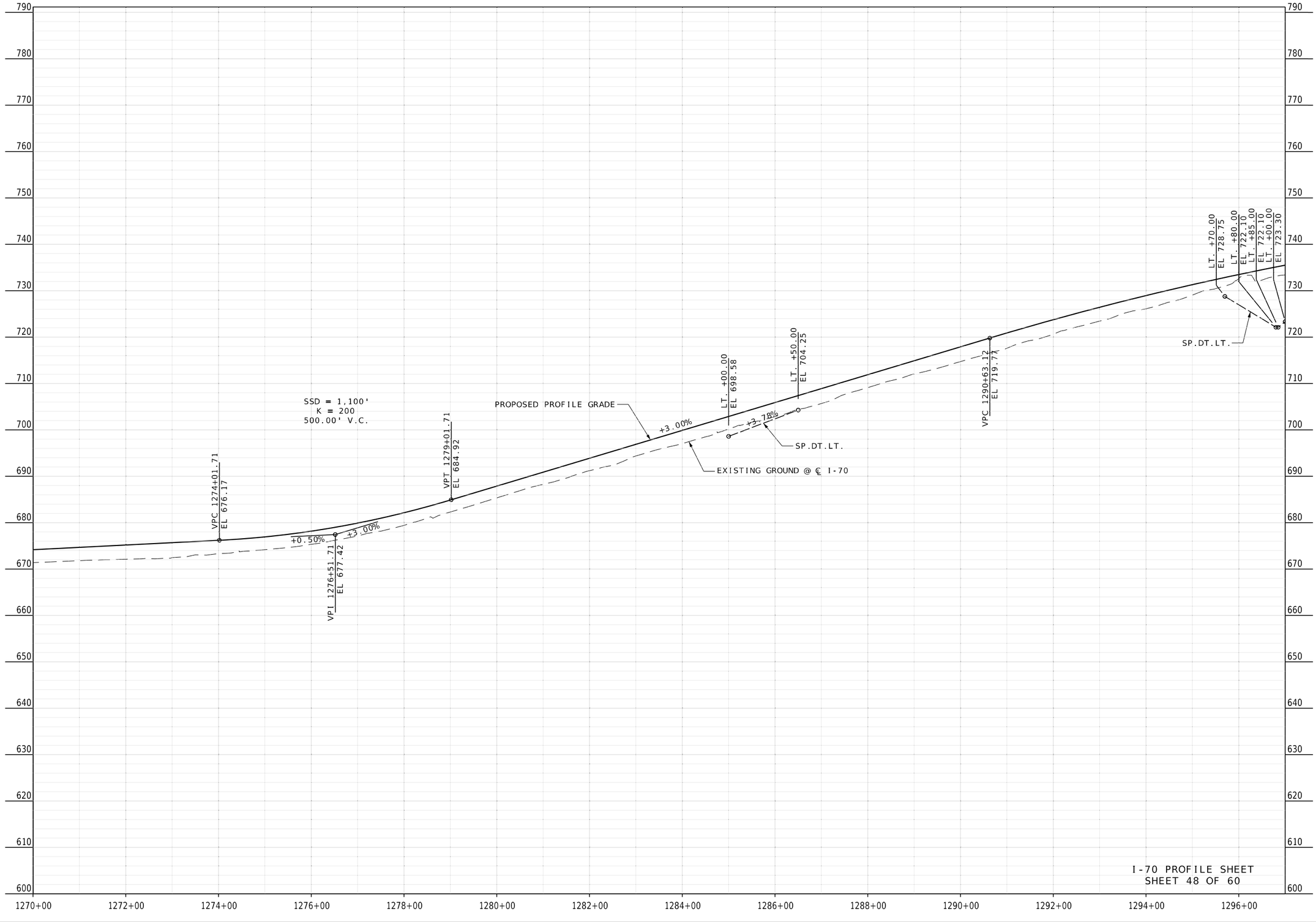
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 51 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

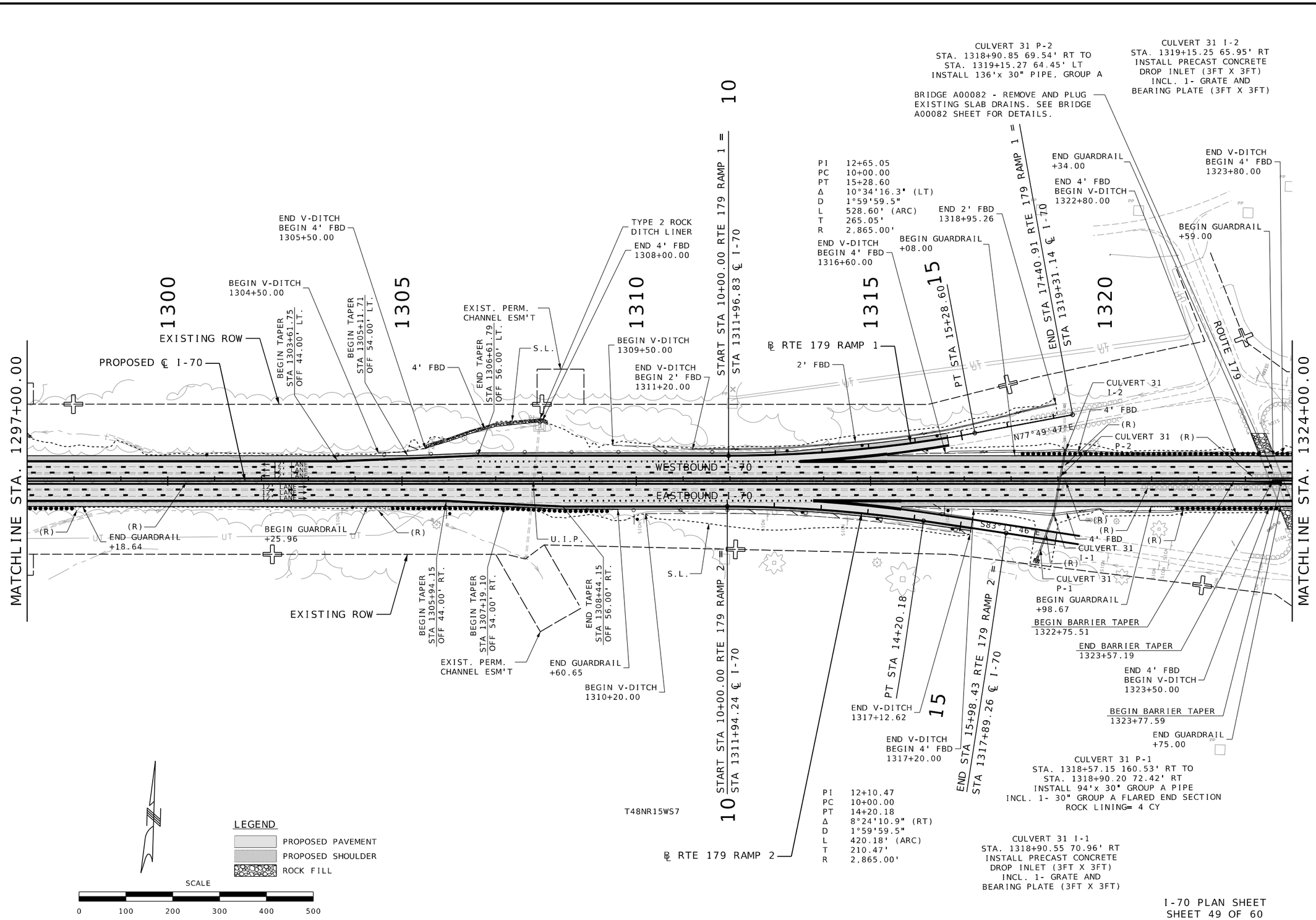
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 PLAN SHEET
SHEET 49 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 52 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

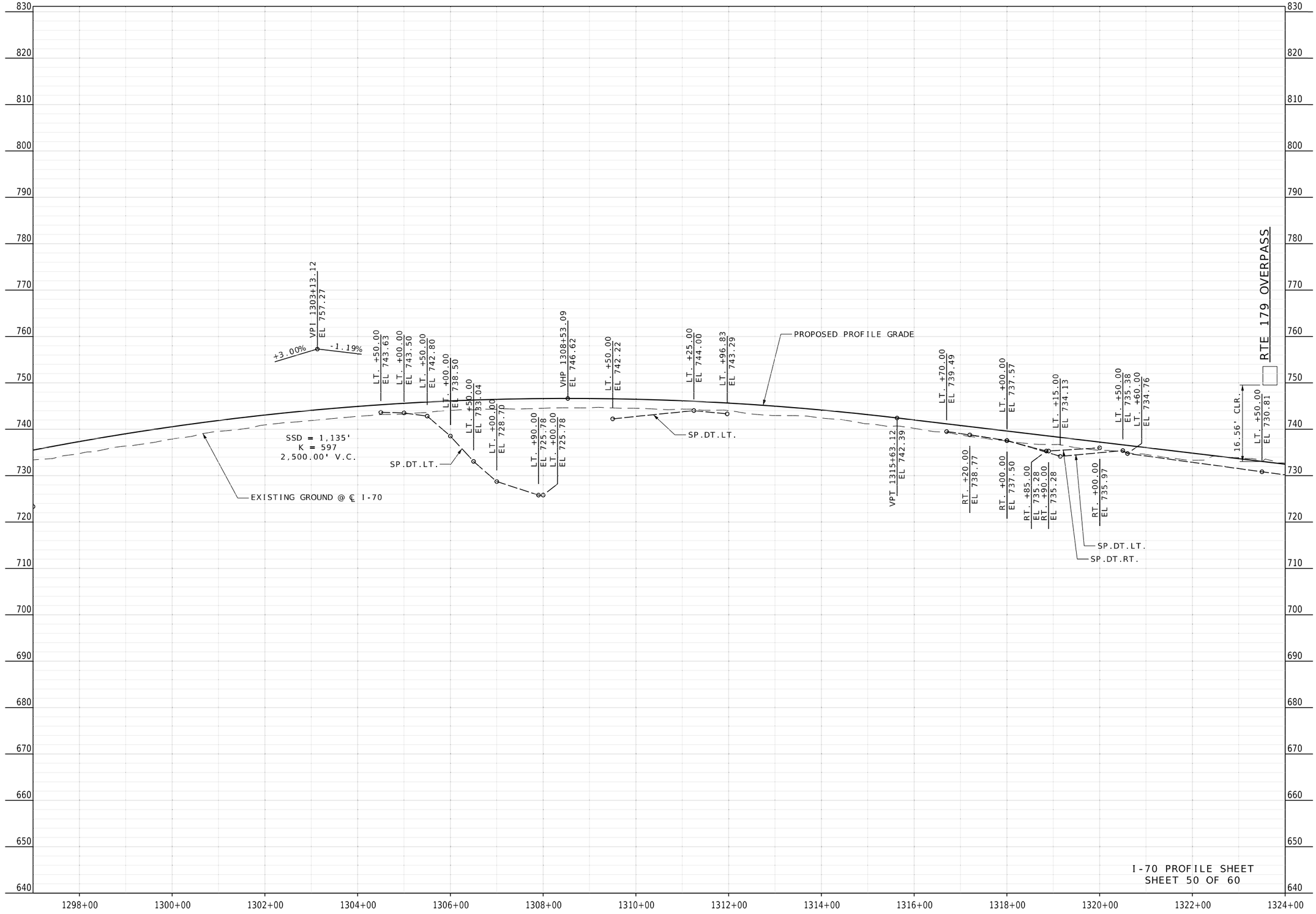
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165


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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 53 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

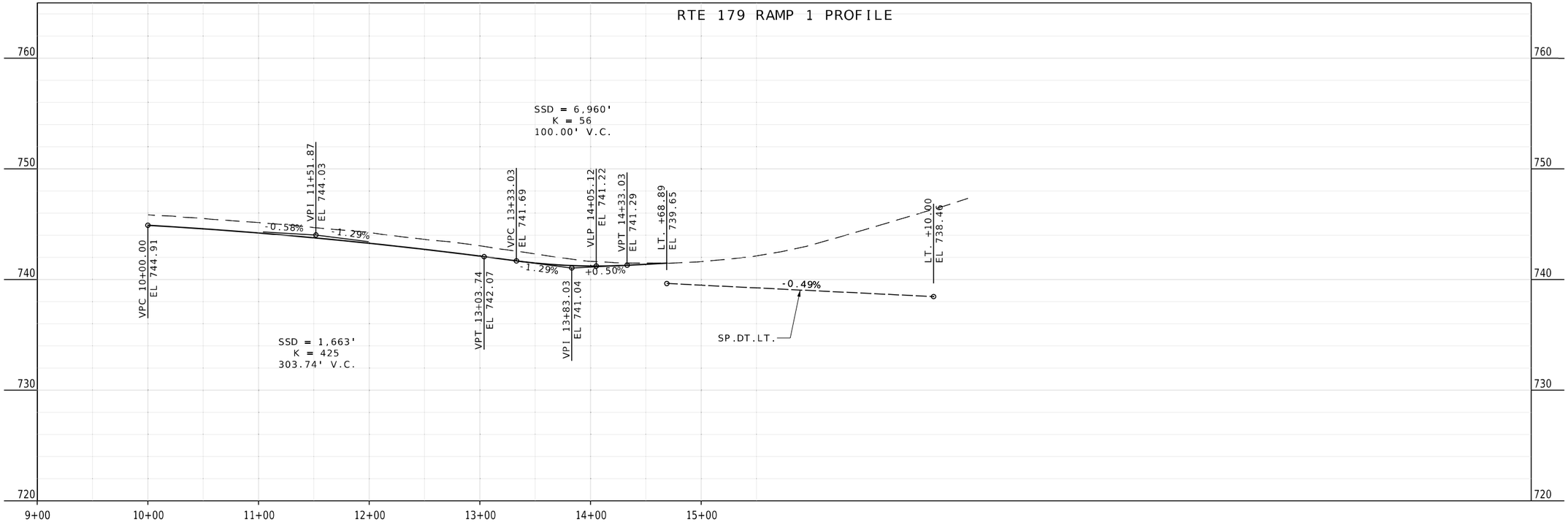
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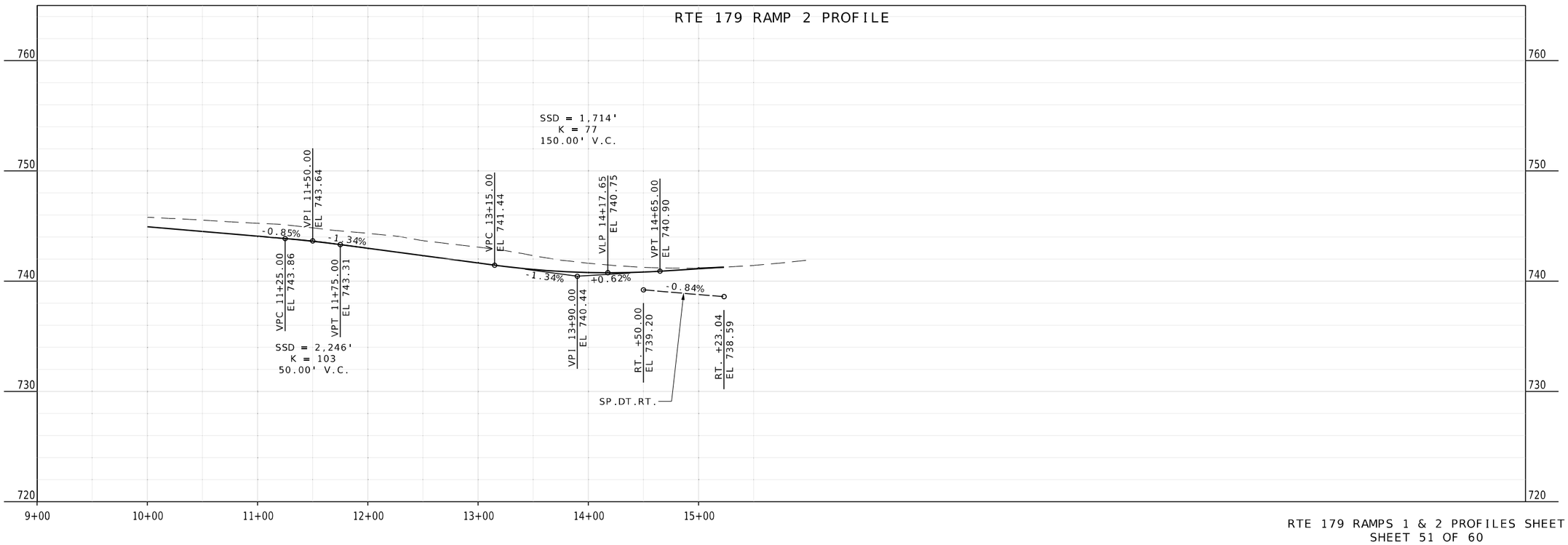
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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Certificate of Authority
No.: 000165




RTE 179 RAMPS 1 & 2 PROFILES SHEET
SHEET 51 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 54 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

PI 17+05.89
PC 14+92.40
PT 19+18.60
Δ 8°31'24.0" (LT)
D 1°59'59.5"
L 426.20' (ARC)
T 213.49'
R 2,865.00'

D07-LT I-1
STA. 1328+68.00 69.44' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D07-LT P-1
STA. 1328+69.50 69.37' LT TO
STA. 1330+59.88 62.85' LT
INSTALL 191'x 24" GROUP A PIPE

D07-LT P-2
STA. 1330+61.02 118.56' LT TO
STA. 1330+61.42 64.78' LT
INSTALL 64'x 24" GROUP A PIPE
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D07-LT I-2
STA. 1328+61.38 62.78' LT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

END VARIABLE DITCH
BEGIN V-DITCH
1330+61.38

℄ RTE 179 RAMP 3

START STA 10+00.00 RTE 179 RAMP 3 = STA 1326+24.72 ℄ I-70

SEC. LINE N01°25'15"E

PROPOSED ℄ I-70

1325 1330 1335 1340 1345 1350

STA. 1324+00.00 MATCHLINE STA. 1351+00.00

END 4' FBD
BEGIN VARIABLE
DITCH
1329+00.00

D07-LT P-2
D07-LT P-1
D07-LT I-1

EXIST. PERM.
CHANNEL ESM'T

END GUARDRAIL
+39.00

BEGIN GUARDRAIL
+07.09

4' FBD

PC STA 14+92.40

D07-LT
I-2

BEGIN V-DITCH
1334+82.22

END STA 19+18.60 RTE 179 RAMP 3 = STA 1335+36.31 ℄ I-70

BROKEN UP PAVEMENT
EDGE OF SHOULDER

U.I.P.

END V-DITCH
1337+50.00

EXISTING ROW

BEGIN TAPER
STA 1338+86.41
OFF 56.00' LT.

END TAPER
STA 1340+11.46
OFF 54.00' LT.

END TAPER
STA 1341+36.31
OFF 44.00' LT.

EXIST. PERM.
CHANNEL ESM'T

BEGIN V-DITCH
1348+00.00

END GUARDRAIL
+61.03

S.L.

WESTBOUND I-70
EASTBOUND I-70
12' LANE

(R) PLUG WITH
FLOWABLE FILL

4' FBD

D07-RT I-1

N77°43'28"E

END BARRIER TAPER
1324+30.74

END V-DITCH
BEGIN 4' FBD
1324+60.00

ROUTE 179

END 4' FBD
BEGIN V-DITCH
1332+59.13

4' FBD
END V-DITCH
BEGIN 4' FBD
1332+20.31

EXIST. PERM.
CHANNEL ESM'T

D07-RT P-2

BEGIN V-DITCH
1330+90.65

D07-RT MH-1

℄ RTE 179 RAMP 4

END 4' FBD
BEGIN V-DITCH
1330+03.62

D07-RT P-1

START STA 10+00.00 RTE 179 RAMP 4 = STA 1329+08.68 ℄ I-70

PC STA 11+00.00

END V-DITCH
1337+70.00

BEGIN GUARDRAIL
+25.01

BEGIN TAPER
STA 1340+07.72
OFF 56.00' RT.

END TAPER
STA 1341+57.84
OFF 54.00' RT.

END TAPER
STA 1343+07.72
OFF 44.00' RT.

EXISTING ROW

S.L.

END GUARDRAIL
+29.28

EXIST. PERM.
CHANNEL ESM'T

PI 13+67.70
PC 11+00.00
PT 16+33.86
Δ 10°40'34.7" (RT)
D 1°59'59.5"
L 533.86' (ARC)
T 267.70'
R 2,865.00'

CULVERT 32
STA. 1332+38.36 111.22' RT TO
STA. 1332+43.31 99.20' RT
INSTALL 13'x 36" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 36" GROUP A FLARED END SECTION

D07-RT P-1
STA. 1329+49.57 68.00' RT TO
STA. 1330+35.57 62.78' RT
INSTALL 86'x 24" GROUP A PIPE

D07-RT I-1
STA. 1329+48.02 68.00' RT
INSTALL PRECAST CONCRETE
DROP INLET (3FT X 3FT)
INCL. 1- GRATE AND
BEARING PLATE (3FT X 3FT)

D07-RT P-2
STA. 1330+39.42 63.58' RT TO
STA. 1331+50.43 108.09' RT
INSTALL 120'x 24" GROUP A PIPE
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D07-RT MH-1
STA. 1330+37.57 62.84' RT
INSTALL PRECAST CONCRETE
MANHOLE, 48"
INCL. 1- MANHOLE FRAME AND
COVER, TYPE 4

T48NR15WS7

T48NR15WS8

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 52 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 55 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

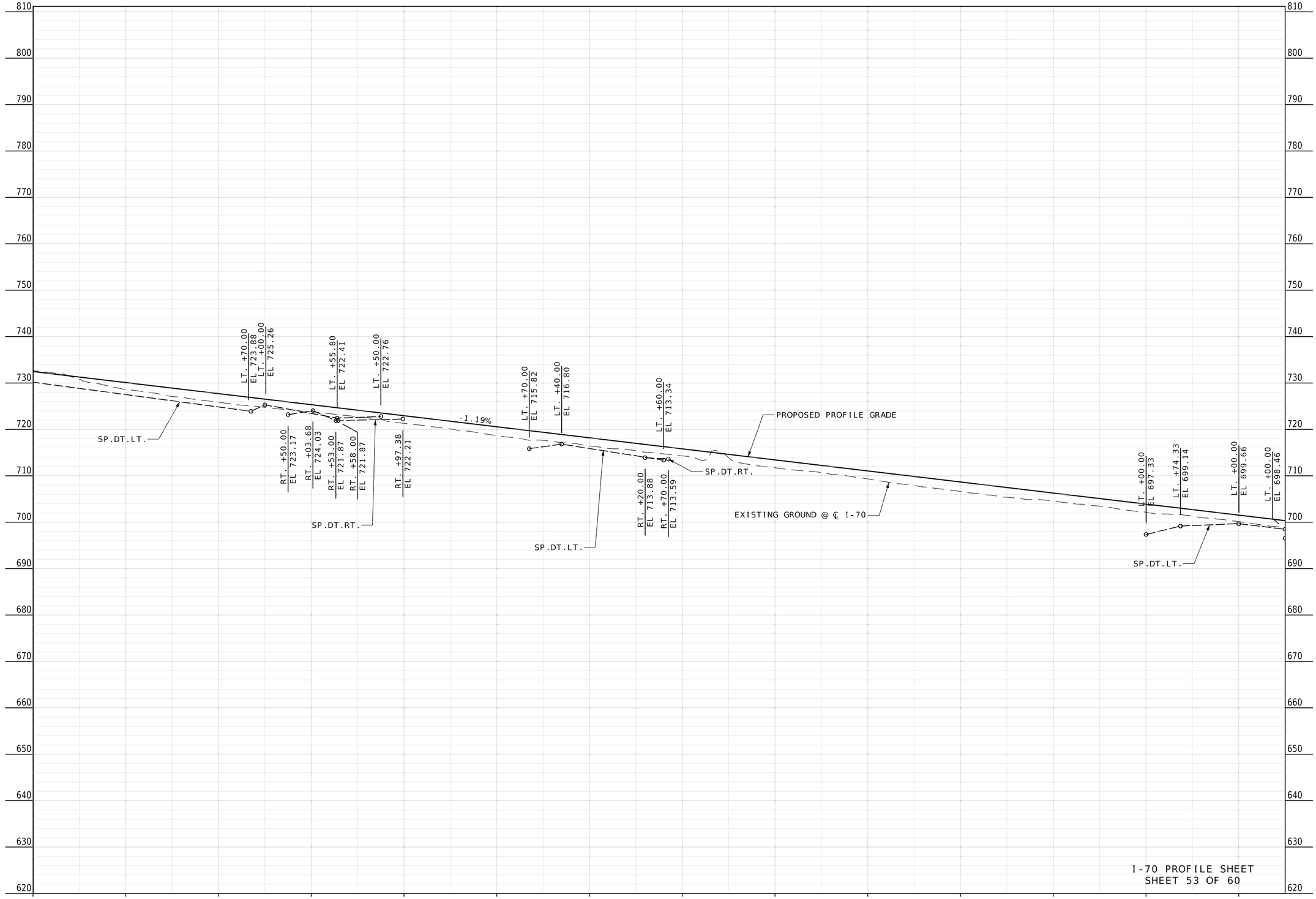
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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Certificate of Authority
No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 56 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

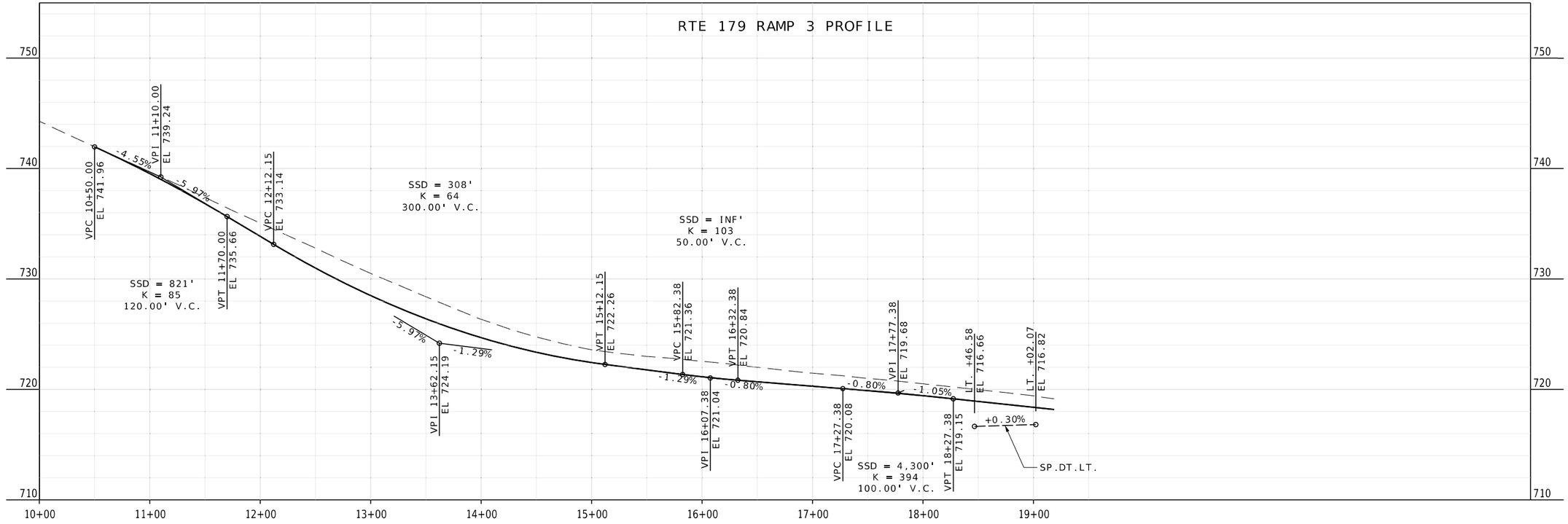
PROJECT NO.
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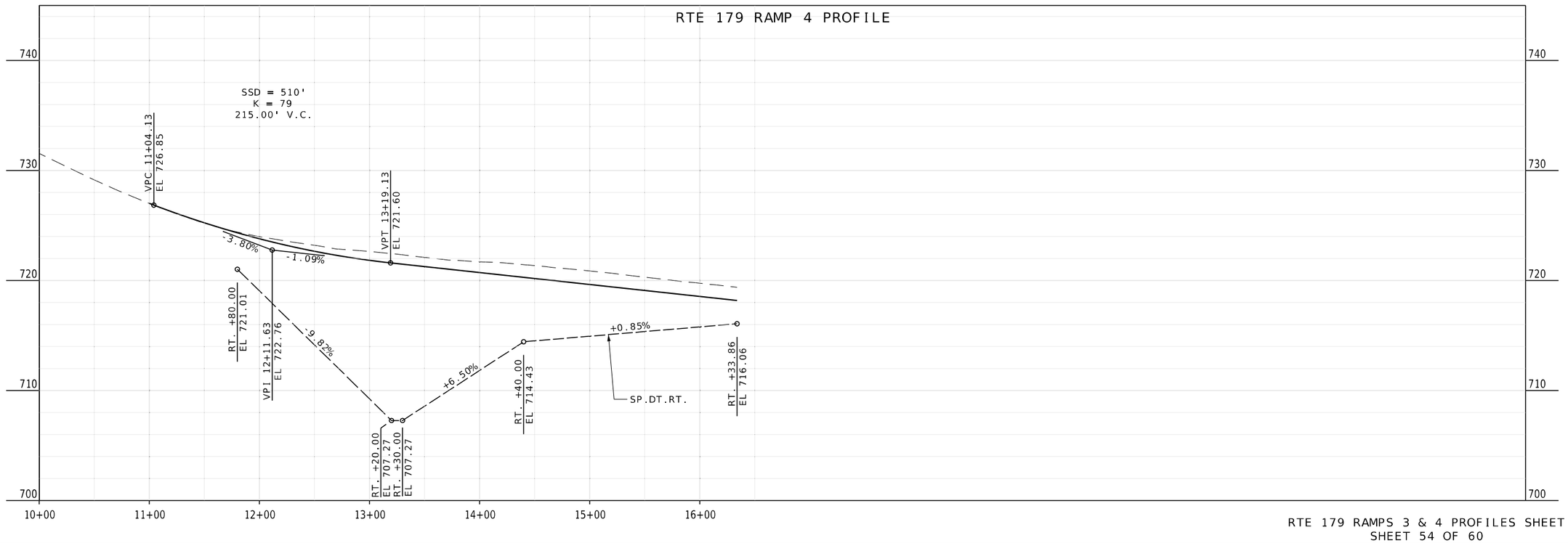
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




RTE 179 RAMPS 3 & 4 PROFILES SHEET
SHEET 54 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 57 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

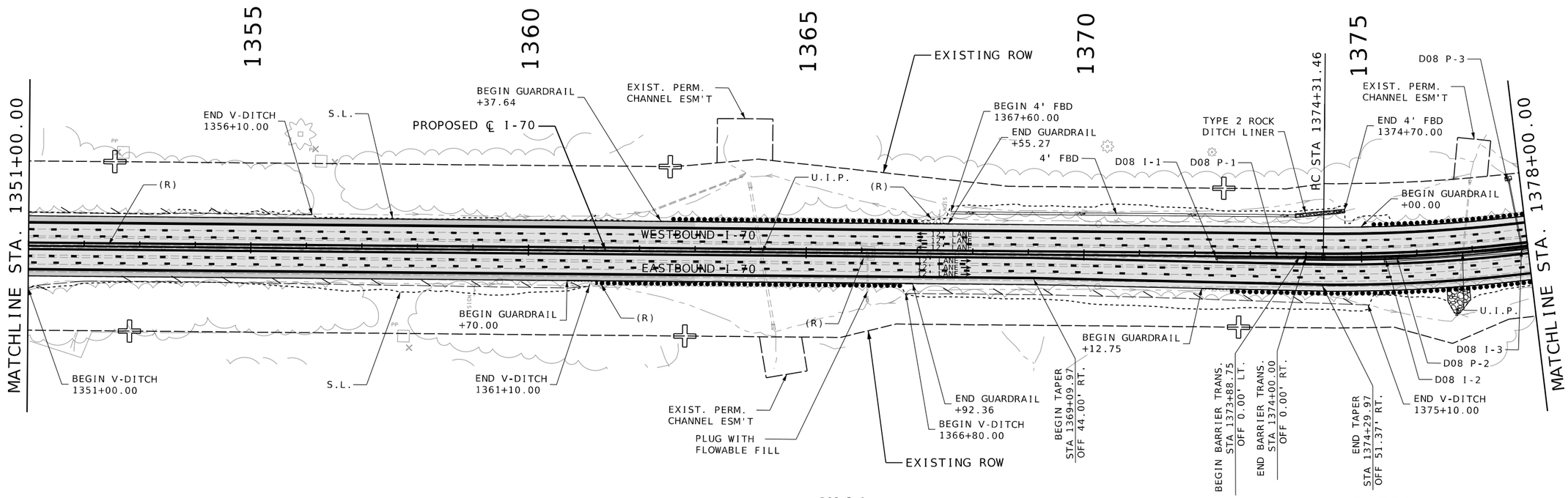
PROJECT NO.
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BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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D08 P-3
STA. 1377+79.83 115.02' LT TO
STA. 1377+89.45 1.60' RT
BUILD 117'x 30" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D08 I-3
STA. 1377+89.45 3.53' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D08 P-1
STA. 1372+40.22 3.80' RT TO
STA. 1375+40.87 3.69' RT
INSTALL 301'x 24" PIPE, GROUP A

D08 P-2
STA. 1375+42.87 3.75' RT TO
STA. 1377+88.45 3.60' RT
INSTALL 246'x 24" PIPE, GROUP A

CULVERT 35
STA. 1376+64.80 106.97' RT TO
STA. 1376+65.61 102.05' RT
BUILD 5'x 24" GROUP A PIPE
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 24" GROUP A FLARED END SECTION

T48NR15WS8

D08 I-1
STA. 1372+39.22 3.80' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D08 I-2
STA. 1375+40.87 3.69' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D08 P-4
STA. 1377+90.45 3.53' RT TO
STA. 1381+00.46 3.69' RT
BUILD 310'x 24" PIPE, GROUP A

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 55 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 58 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

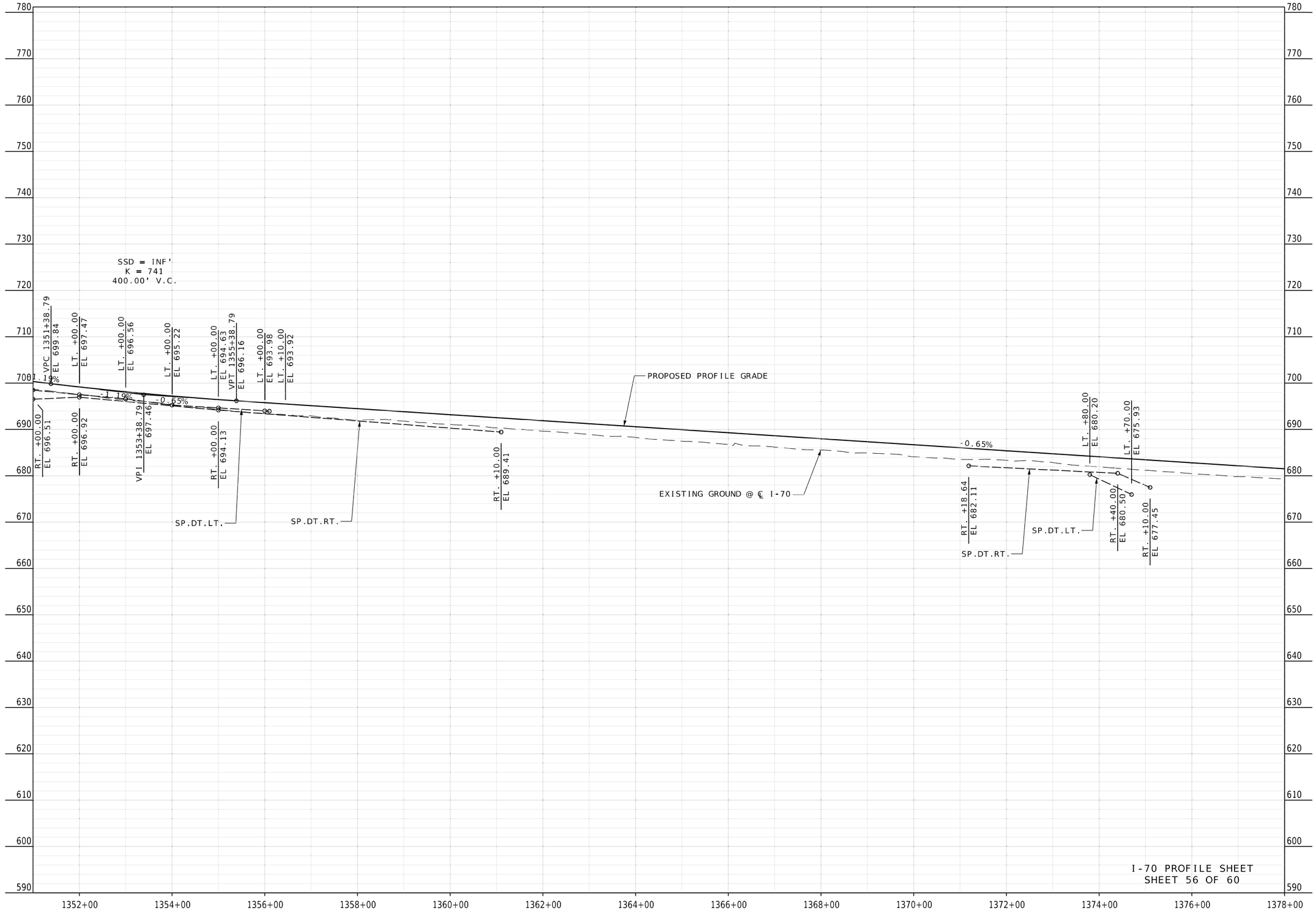
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 59 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

PI 1384+11.77
PC 1374+31.46
PT 1393+20.53
Δ 37°46'46.8" (LT)
D 1°59'59.7"
L 1,889.07' (ARC)
T 980.31'
R 2,864.92'

T48NR15WS5

T48NR15WS4

SEC. LINE
S85°33'30"E

SEC. LINE
N01°06'01"E

D10 I-3
STA. 1395+18.55 3.87' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D10 P-3
STA. 1392+21.94 4.08' RT TO
STA. 1395+17.55 3.84' RT TO
INSTALL 296'x 24" PIPE, GROUP A

MATCHLINE STA. 1378+00.00

1380

1385

1390

1395

1400

1405+00.00

BEGIN 2' FBD
1379+80.00

END GUARDRAIL
+50.00

D08 P-3

D08 I-4

2' FBD

D09 I-1

S.L.

BEGIN GUARDRAIL
+97.59

D09 P-2

D09 I-2

END 2' FBD
1390+00.00

D10 I-1

D10 P-1

D10 P-3

PT STA 1393+20.53

BEGIN V-DITCH
1393+60.00

BEGIN TAPER
STA 1394+00.00
OFF 54.00' LT.

END TAPER
STA 1394+50.00
OFF 52.00' LT.

END GUARDRAIL
+50.05

BEGIN TAPER
STA 1398+50.00
OFF 52.00' LT.

END TAPER
STA 1399+00.00
OFF 54.00' LT.

BEGIN GUARDRAIL
+49.97

END V-DITCH
1398+20.00

F/L 24" RCP = 597.1'

PROPOSED ℄ I-70
EXISTING ROW

U.I.P.

(R)

12' LANE
12' LANE
12' LANE
12' LANE

WESTBOUND I-70

EASTBOUND I-70

BEGIN 4' FBD
1378+60.00

4' FBD

END 4' FBD
1383+80.00

D09 P-1

BEGIN 4' FBD
1384+70.00

4' FBD

TYPE 2 ROCK
DITCH LINER

END 4' FBD
1389+00.00

U.I.P.

D10 I-2

D10 P-2

PLUG WITH
FLOWABLE FILL

D10 I-3

END GUARDRAIL
+63.19

BEGIN V-DITCH
1404+00.00

BEGIN TAPER
STA 1393+25.03
OFF 51.37' RT.

BEGIN BARRIER TRANS.
STA 1393+50.00
OFF 0.00' RT.

END BARRIER TRANS.
STA 1393+61.25
OFF 0.00' RT.

STA 1394+00.00
OFF 60.31' RT.

STA 1394+49.94
OFF 57.60' RT.

END TAPER
STA 1398+45.03
OFF 44.00' RT.

STA 1398+45.14
OFF 52.00' RT.

STA 1398+95.17
OFF 54.00' RT.

END V-DITCH
1398+75.00

SEC. LINE
S85°34'08"E

SEC. LINE
N01°07'09"E

EXISTING ROW

BEGIN V-DITCH
1394+00.26

D08 I-4
STA. 1381+01.46 3.69' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D09 I-1
STA. 1384+20.27 3.55' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

T48NR15WS8

D09 P-1
STA. 1384+18.85 94.61' RT TO
STA. 1384+20.27 3.44' RT
INSTALL 89'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D09 P-2
STA. 1384+21.26 3.55' RT TO
STA. 1387+20.04 3.83' RT
INSTALL 299'x 30" PIPE, GROUP A

D09 I-2
STA. 13878+21.03 3.83' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D10 I-1
STA. 1392+19.71 3.83' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

CULVERT 36
STA. 1391+86.85 131.00' RT TO
STA. 1391+88.09 146.66' RT
INSTALL 10'x 24" PIPE, GROUP A
INCL. 1- 24" GROUP A FLARED END SECTION
ROCK LINING= 3 CY

D10 P-1
STA. 1392+20.71 3.83' RT TO
STA. 1392+19.95 4.13' RT
BUILD 199'x 24" PIPE, GROUP A

D10 P-2
STA. 1392+20.80 111.66' RT TO
STA. 1392+20.98 6.10' RT
INSTALL 106'x 24" PIPE, GROUP A
ROCK LINING= 3 CY

D10 I-2
STA. 1392+20.95 4.10' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

T48NR15WS9

CULVERT 37
1402+00.97 101.49' RT TO
STA. 1402+15.10 87.33' RT
INSTALL 20'x 24" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A
INCL. 1- 24" GROUP A FLARED END SECTION

LEGEND
PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

I-70 PLAN SHEET
SHEET 57 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 60 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

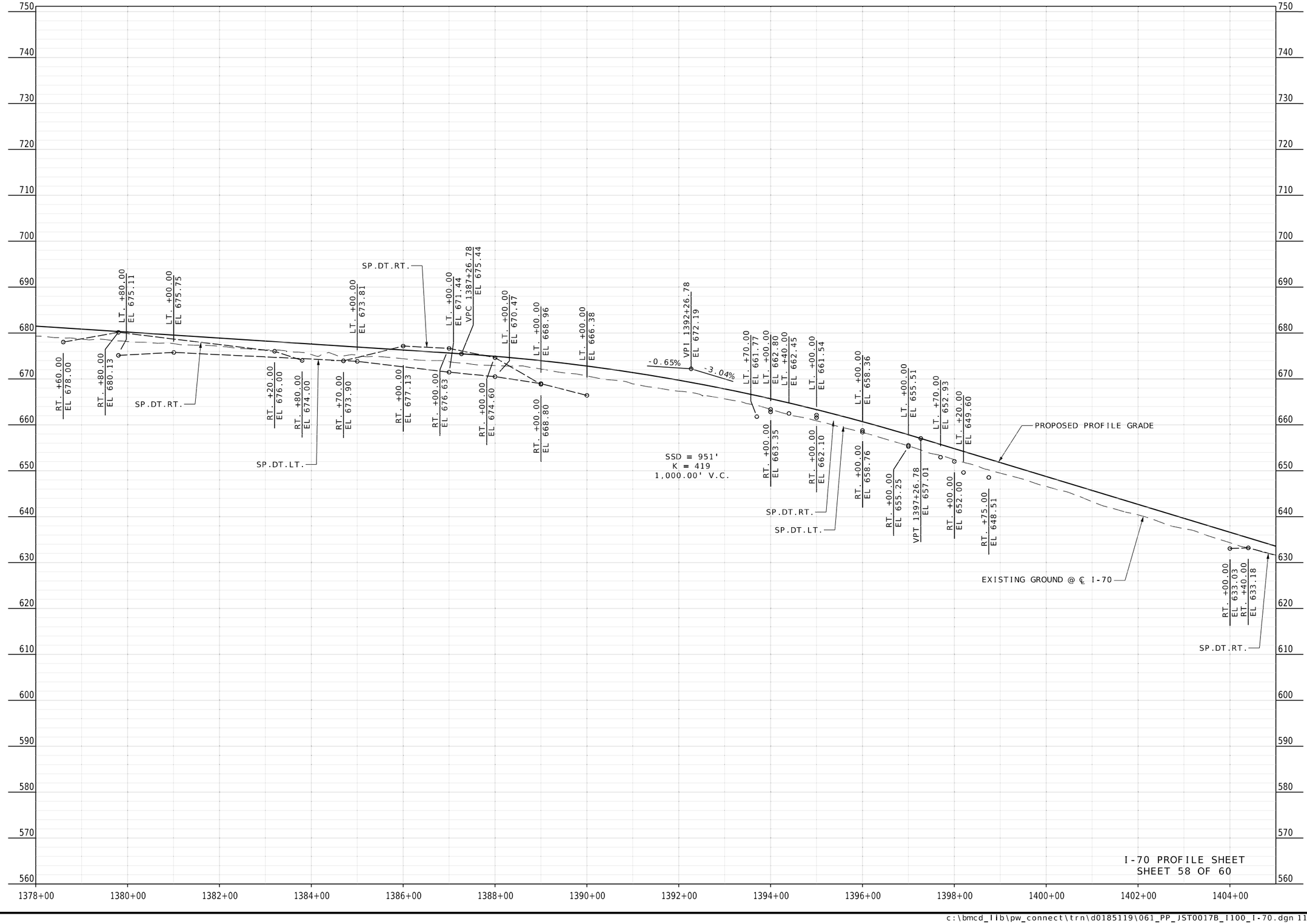
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 61 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

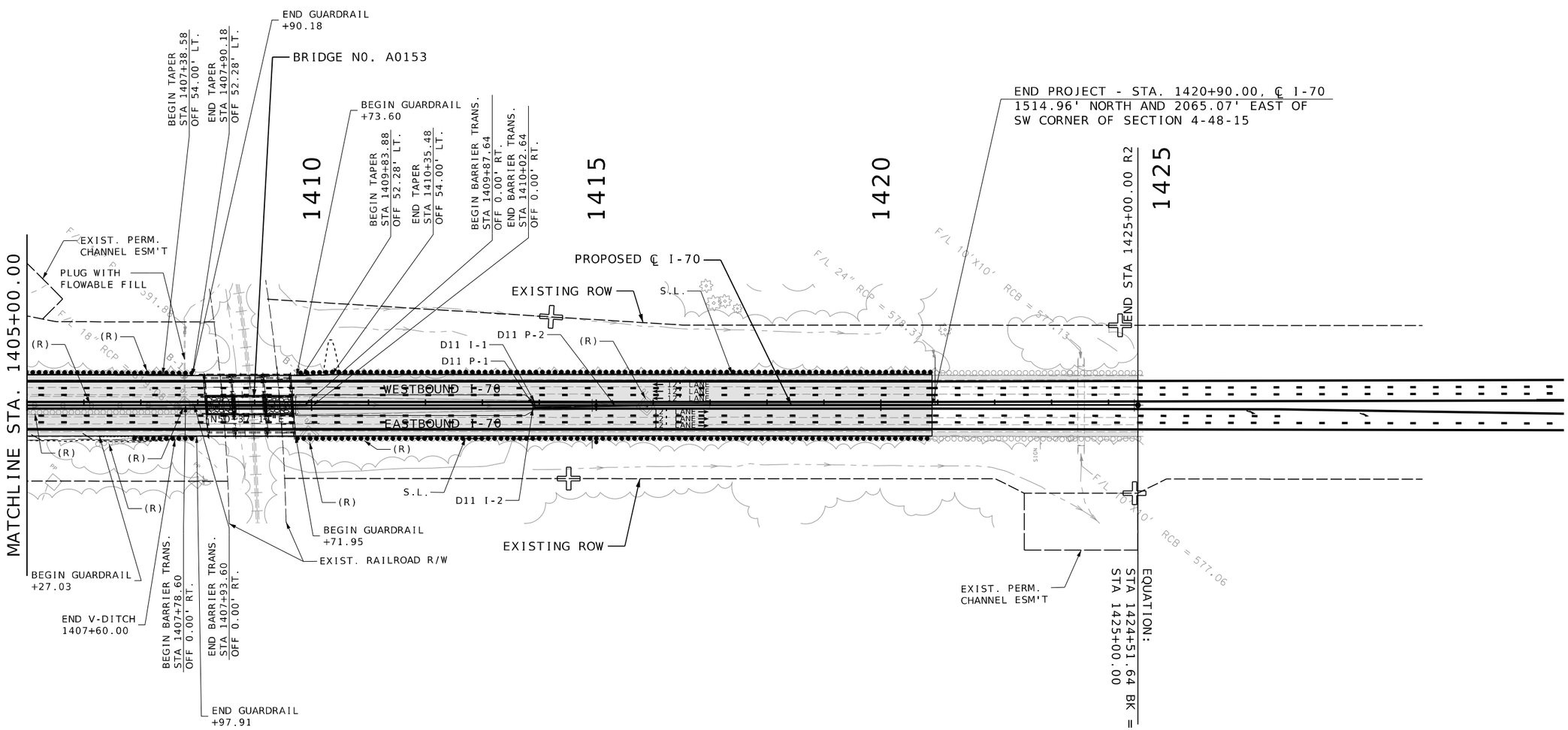
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority
No.: 000165

D11 I-1
STA. 1413+90.00 3.50' LT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)




T48NR15WS4

LEGEND

PROPOSED PAVEMENT
PROPOSED SHOULDER
ROCK FILL

SCALE
0 100 200 300 400 500

D11 I-2
STA. 1413+90.00 3.50' RT
INSTALL PRECAST CONCRETE
DROP INLET (4FT X 2FT)
INCL. 1- GRATE AND
BEARING PLATE (4FT X 2FT)

D11 P-1
STA. 1413+90.00 1.50' LT TO
STA. 1413+90.00 1.50' RT
INSTALL 3'x 18" PIPE, GROUP A

D11 P-2
STA. 1413+91.00 3.50' RT TO
STA. 1415+89.66 0.87' RT
INSTALL 200'x 18" PIPE, GROUP A
INCL. 1- PIPE COLLAR, TYPE A

I-70 PLAN SHEET
SHEET 59 OF 60

STATE OF MISSOURI
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 62 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

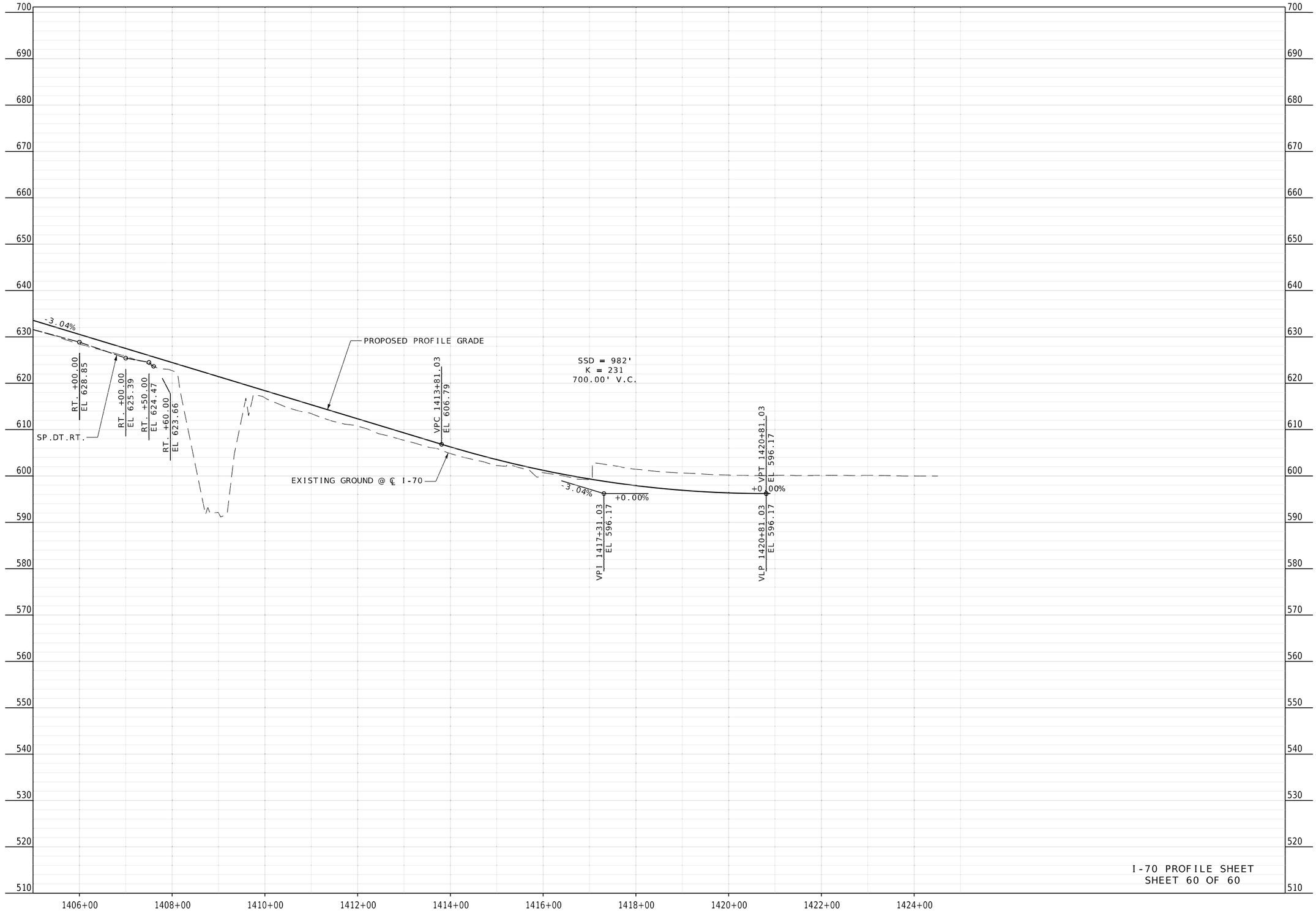
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
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I-70 PROFILE SHEET
SHEET 60 OF 60

STATE OF MISSOURI
RONNIE L. WILLIAMS
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PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 63 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

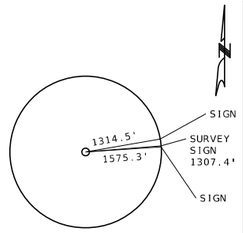
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BRIDGE NO.
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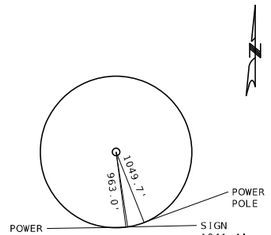
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

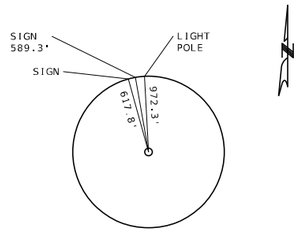

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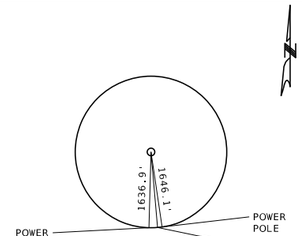

CONTROL POINT 100
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671430.9500
EASTING:616494.2740
ELEVATION:684.846



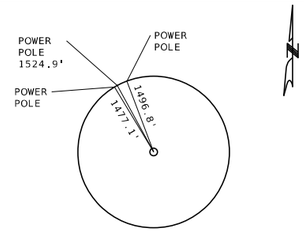

CONTROL POINT 101
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672779.8240
EASTING:618695.9790
ELEVATION:749.766



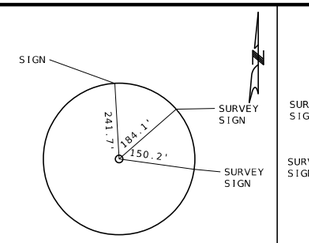

CONTROL POINT 102
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671539.4340
EASTING:644555.7300
ELEVATION:664.871



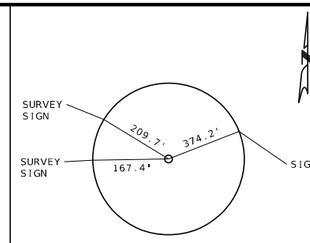

CONTROL POINT 103
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1674595.9550
EASTING:661671.3010
ELEVATION:721.696



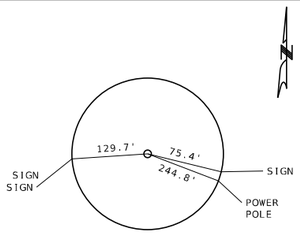

CONTROL POINT 104
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672014.3560
EASTING:678135.8410
ELEVATION:613.324



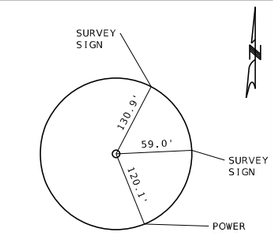

CONTROL POINT 200
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671624.3410
EASTING:620983.0890
ELEVATION:773.916



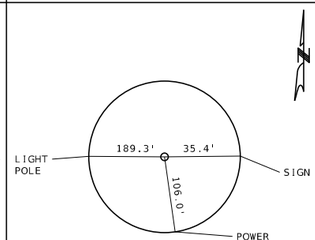

CONTROL POINT 201
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671665.0620
EASTING:622462.8400
ELEVATION:761.531



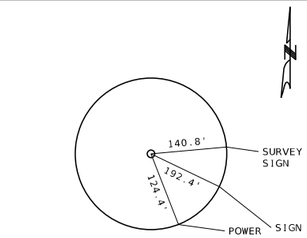

CONTROL POINT 202
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671731.4880
EASTING:624933.2150
ELEVATION:721.406



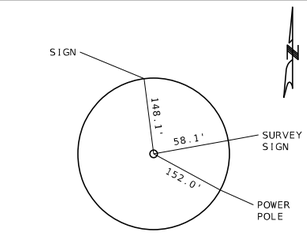

CONTROL POINT 203
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671773.1060
EASTING:626334.8200
ELEVATION:680.211



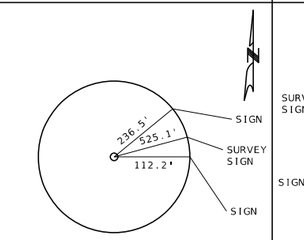

CONTROL POINT 204
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671896.6420
EASTING:631202.3730
ELEVATION:711.591



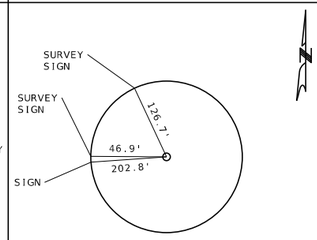

CONTROL POINT 205
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1671936.4010
EASTING:632584.0650
ELEVATION:691.896



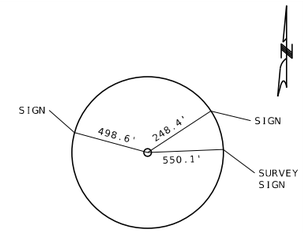

CONTROL POINT 206
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672029.1650
EASTING:635973.5430
ELEVATION:653.606



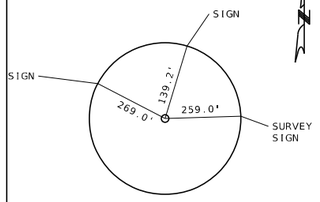

CONTROL POINT 207
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672069.5530
EASTING:637363.5140
ELEVATION:645.236



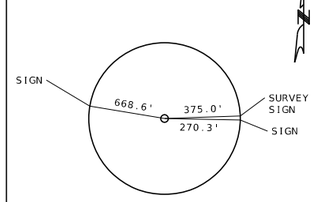

CONTROL POINT 208
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672154.6770
EASTING:640199.0720
ELEVATION:634.141



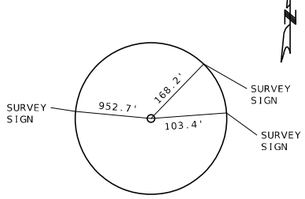

CONTROL POINT 209
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672188.1900
EASTING:641672.4750
ELEVATION:641.241



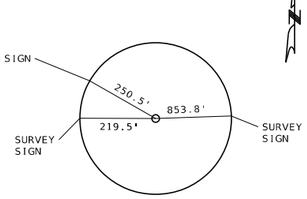

CONTROL POINT 210
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672372.1990
EASTING:648062.1650
ELEVATION:669.456



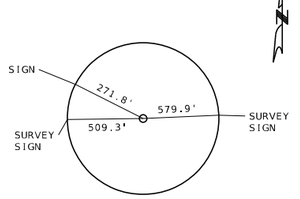

CONTROL POINT 211
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672412.3540
EASTING:649548.6490
ELEVATION:661.866



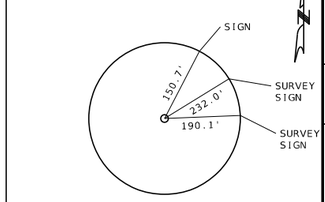

CONTROL POINT 212
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672502.6480
EASTING:652844.4200
ELEVATION:707.266



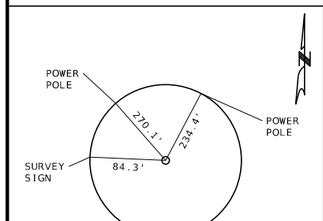

CONTROL POINT 213
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672541.2510
EASTING:654323.3340
ELEVATION:663.866



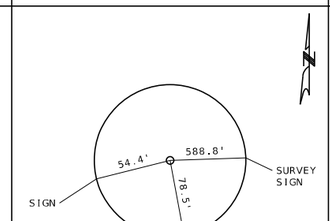

CONTROL POINT 214
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672603.1530
EASTING:656610.9550
ELEVATION:662.356



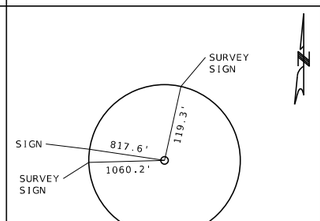

CONTROL POINT 215
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672649.4380
EASTING:658038.3600
ELEVATION:668.866



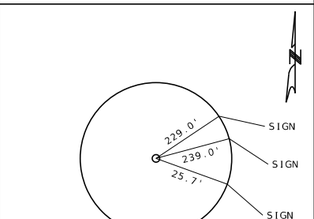

CONTROL POINT 216
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672769.5080
EASTING:662495.9510
ELEVATION:667.171



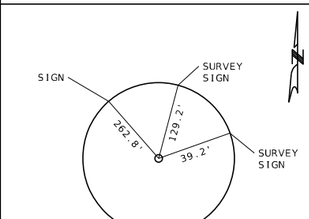

CONTROL POINT 217
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672816.4190
EASTING:664001.5880
ELEVATION:662.006



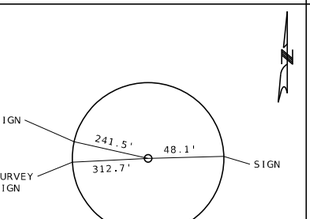

CONTROL POINT 218
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672889.8710
EASTING:666649.6470
ELEVATION:678.091



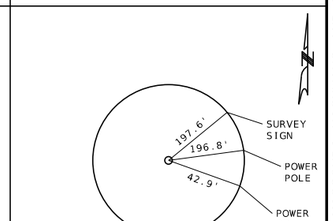

CONTROL POINT 219
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1672935.9630
EASTING:668252.4070
ELEVATION:726.131



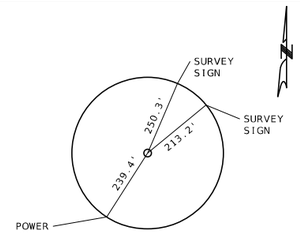

CONTROL POINT 220
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1673020.2440
EASTING:671673.9500
ELEVATION:726.691




CONTROL POINT 221
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1673066.4880
EASTING:673024.9780
ELEVATION:710.266




CONTROL POINT 222
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1673921.0460
EASTING:678217.1980
ELEVATION:662.981




CONTROL POINT 223
5/8" I.B. W/ 2" ALUMINUM CAP
NORTHING:1674905.5370
EASTING:679419.6080
ELEVATION:616.066

REFERENCE POINTS
SHEET 01 OF 01

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 64 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

c:\bmcd_lib\pw_connect\trn\d0185122\064_RP_JST0017B_I1.dgn 11:30:47 AM 10/27/2025

THE COORDINATES ARE BASED ON THE MISSOURI GCS I-70 CORRIDOR DEVELOPED BY MODOT STAFF. THE PARAMETERS OF THIS COORDINATE SYSTEM ARE LISTED BELOW
A)MISSOURI GCS I-70 CORRIDOR
B)LAMBERT CONFORMAL CONIC PROJECTION(SINGLE PARALLEL)
C)STANDARD PARALLEL & GRID ORIGIN: 38 DEG 51 MIN N
D)CENTRAL MERIDIAN: 268 DEG 21 MIN E(92 DEG 39 MIN W)
E)FALSE NORTHING: 500000.000(M)
F)FALSE EASTING: 200000.000(M)
G)STANDARD PARALLEL SCALE=1.000029

## PROJECT COORDINATE INFORMATION

| | |
|---|---|
| COORDINATE SYSTEM | MISSOURI STATE PLANE, CENTRAL ZONE |
| HORIZONTAL DATUM | NAD83 |
| VERTICAL DATUM | NAVD88 |
| GEOID MODEL | GEOID 18 |
| ELEVATIONS DETERMINED BY | BARTLETT & WEST USED OPUS SOLUTIONS FOR THE HORIZONTAL COORDINATES AND HELD THE OPUS VERTICAL ELEVATION FOR PRIMARY CONTROL POINTS 100, 101, 102, 103, AND 104. A DIGITAL LEVEL LOOP WAS USED FOR THE REMAINING PRIMARY CONTROL POINTS, INCLUDING THE SECONDARY AND VERTICAL CONTROL POINTS. |
| PROJECT PROJECTION FACTOR | MISSOURI GCS I-70 CORRIDOR |

## REFERENCE CONTROL INFORMATION

| | |
|---|---|
| COORDINATE SYSTEM | MO COORDINATE SYSTEM OF 1983 |
| CONTROL STATION | MISSOURI CORS |
| DESIGNATION | MODOT BOONVILLE CORS ARP |
| CORS_ID | MOBO |
| PID | DL6077 |
| LATITUDE | N38°55'52.53367" |
| LONGITUDE | W92°46'43.65919" |
| NORTHING (M) | 343837.027 |
| EASTING (M) | 475827.300 |
| ZONE | CENTRAL |
| PROJECT AVERAGE GRID FACTOR | MISSOURI GCS I-70 CORRIDOR |

## EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #___
N _____.____ X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

## LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

## COORDINATE POINT LISTING

| SHEET NO | STATION | LOCATION | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | DESCRIPTION | GPK POINT ID |
|---|---|---|---|---|---|---|---|---|
| PROJECT CONTROL POINTS | | | | | | | | |
| N/A | 755+72.71 | EB I-70 | 129.51 | 1671430.9500 | 616494.2740 | 684.88 | 74 /5/8x24_ROD_W/CAP | CP 100 |
| N/A | 798+10.68 | WB I-70 | 1158.30 | 1672779.8240 | 618695.9790 | 749.77 | 74 /5/8x24_ROD_W/CAP | CP 101 |
| N/A | 1056+26.49 | EB I-70 | 793.44 | 1671539.4340 | 644555.7300 | 664.87 | 74 /5/8x24_ROD_W/CAP | CP 102 |
| N/A | 1228+20.42 | WB I-70 | 1785.28 | 1674595.9550 | 661671.3010 | 721.70 | 74 /5/8x24_ROD_W/CAP | CP 103 |
| N/A | 1385+96.98 | EB I-70 | 1620.93 | 1672014.3560 | 678135.8410 | 613.32 | 74 /5/8x24_ROD_W/CAP | CP 104 |
| N/A | 820+65.15 | EB I-70 | 59.64 | 1671624.3410 | 620983.0890 | 773.92 | 74 /5/8x24_ROD_W/CAP | CP 200 |
| N/A | 835+45.46 | EB I-70 | 59.62 | 1671665.0620 | 622462.8400 | 761.53 | 74 /5/8x24_ROD_W/CAP | CP 201 |
| N/A | 860+16.73 | EB I-70 | 61.16 | 1671731.4880 | 624933.2150 | 721.41 | 74 /5/8x24_ROD_W/CAP | CP 202 |
| N/A | 874+18.95 | EB I-70 | 58.10 | 1671773.1060 | 626334.8200 | 680.21 | 74 /5/8x24_ROD_W/CAP | CP 203 |
| N/A | 922+94.10 | EB I-70 | 78.38 | 1671896.6420 | 631202.3730 | 711.59 | 74 /5/8x24_ROD_W/CAP | CP 204 |
| N/A | 936+70.32 | EB I-70 | 66.77 | 1671936.4010 | 632584.0650 | 691.90 | 74 /5/8x24_ROD_W/CAP | CP 205 |
| N/A | 970+61.06 | EB I-70 | 67.40 | 1672029.1650 | 635973.5430 | 653.61 | 74 /5/8x24_ROD_W/CAP | CP 206 |
| N/A | 984+51.62 | EB I-70 | 63.31 | 1672069.5530 | 637363.5140 | 645.24 | 74 /5/8x24_ROD_W/CAP | CP 207 |
| N/A | 1012+88.45 | EB I-70 | 58.33 | 1672154.6770 | 640199.0720 | 634.14 | 74 /5/8x24_ROD_W/CAP | CP 208 |
| N/A | 1027+62.21 | EB I-70 | 65.45 | 1672188.1900 | 641672.4750 | 641.24 | 74 /5/8x24_ROD_W/CAP | CP 209 |
| N/A | 1091+54.53 | EB I-70 | 57.88 | 1672372.1990 | 648062.1650 | 669.46 | 74 /5/8x24_ROD_W/CAP | CP 210 |
| N/A | 1106+41.55 | EB I-70 | 59.21 | 1672412.3540 | 649548.6490 | 661.87 | 74 /5/8x24_ROD_W/CAP | CP 211 |
| N/A | 1139+38.56 | EB I-70 | 60.89 | 1672502.6480 | 652844.4200 | 707.23 | 74 /5/8x24_ROD_W/CAP | CP 212 |
| N/A | 1154+22.63 | EB I-70 | 74.28 | 1672541.2510 | 654323.3340 | 663.87 | 74 /5/8x24_ROD_W/CAP | CP 213 |
| N/A | 1177+06.43 | EB I-70 | 65.52 | 1672603.1530 | 656610.9550 | 662.36 | 74 /5/8x24_ROD_W/CAP | CP 214 |
| N/A | 1191+34.57 | EB I-70 | 59.09 | 1672649.4380 | 658038.3600 | 668.87 | 74 /5/8x24_ROD_W/CAP | CP 215 |
| N/A | 1235+93.78 | EB I-70 | 63.47 | 1672769.5080 | 662495.9510 | 667.17 | 74 /5/8x24_ROD_W/CAP | CP 216 |
| N/A | 1251+00.14 | EB I-70 | 58.59 | 1672816.4190 | 664001.5880 | 662.01 | 74 /5/8x24_ROD_W/CAP | CP 217 |
| N/A | 1277+49.22 | EB I-70 | 59.07 | 1672889.8710 | 666649.6470 | 678.09 | 74 /5/8x24_ROD_W/CAP | CP 218 |
| N/A | 1293+52.64 | EB I-70 | 57.72 | 1672935.9630 | 668252.4070 | 726.13 | 74 /5/8x24_ROD_W/CAP | CP 219 |
| N/A | 1327+75.20 | EB I-70 | 68.96 | 1673020.2440 | 671673.9500 | 726.69 | 74 /5/8x24_ROD_W/CAP | CP 220 |
| N/A | 1341+26.99 | EB I-70 | 60.44 | 1673066.4880 | 673024.9780 | 710.27 | 74 /5/8x24_ROD_W/CAP | CP 221 |
| N/A | 1394+72.20 | EB I-70 | 51.53 | 1673921.0460 | 678217.1980 | 662.98 | 74 /5/8x24_ROD_W/CAP | CP 222 |
| N/A | 1410+26.23 | EB I-70 | 58.35 | 1674905.5370 | 679419.6080 | 616.07 | 74 /5/8x24_ROD_W/CAP | CP 223 |
| ALIGNMENTS (TABLE 1 OF 3) | | | | | | | | |
| I-70 | | | | | | | | |
| 4 | 762+00.00 | · | · | 1671522.6640 | 615118.5170 | · | START | · |
| 50 | 1384+11.77 | · | · | 1673246.4832 | 677306.4000 | · | PI | · |
| 48 | 1374+31.46 | · | · | 1673219.1192 | 676326.4687 | · | PC | · |
| 50 | 1393+20.53 | · | · | 1673868.4427 | 678064.1468 | · | PT | · |
| 52 | 1425+00.00 | · | · | 1675854.9926 | 680484.3723 | · | END | · |
| RTE 5 RAMP 1 | | | | | | | | |
| 6 | 10+00.00 | · | · | 1671684.6652 | 619043.6055 | · | START | · |
| 6 | 12+40.41 | · | · | 1671691.2764 | 619283.9197 | · | PI | · |
| 6 | 10+00.00 | · | · | 1671684.6652 | 619043.6055 | · | PC | · |
| 6 | 14+79.69 | · | · | 1671737.8431 | 619519.7717 | · | PT | · |
| 6 | 15+55.90 | · | · | 1671752.6057 | 619594.5417 | · | END | · |
| RTE 5 RAMP 2 | | | | | | | | |
| 6 | 10+00.00 | · | · | 1671553.6423 | 618208.2114 | · | START | · |
| 6 | 11+73.35 | · | · | 1671558.4093 | 618381.4918 | · | PI | · |
| 6 | 10+00.00 | · | · | 1671553.6423 | 618208.2114 | · | PC | · |
| 6 | 13+46.27 | · | · | 1671542.2495 | 618554.0830 | · | PT | · |
| 6 | 15+68.71 | · | · | 1671521.5133 | 618775.5502 | · | END | · |
| RTE 5 RAMP 3 | | | | | | | | |
| 8 | 10+00.00 | · | · | 1671804.1728 | 621253.9299 | · | START | · |
| 8 | 13+45.25 | · | · | 1671754.8728 | 621595.6423 | · | PI | · |
| 8 | 11+00.00 | · | · | 1671789.8933 | 621352.9051 | · | PC | · |
| 8 | 15+89.31 | · | · | 1671761.6172 | 621840.7999 | · | PT | · |
| 8 | 15+89.31 | · | · | 1671761.6172 | 621840.7999 | · | END | · |

COORDINATE POINTS SHEET
SHEET 01 OF 03

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 65 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

# COORDINATE POINT LISTING

| SHEET NO | STATION | LOCATION | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | DESCRIPTION | GPK POINT ID |
|---|---|---|---|---|---|---|---|---|
| ALIGNMENTS (TABLE 2 OF 3) | | | | | | | | |
| RTE 5 RAMP 4 | | | | | | | | |
| 8 | 10+00.00 | · | · | 1671574.7011 | 620879.6226 | · | START | · |
| 8 | 13+29.40 | · | · | 1671613.0373 | 621203.2587 | · | PI | · |
| 8 | 11+00.00 | · | · | 1671593.3219 | 620977.8737 | · | PC | · |
| 8 | 15+57.82 | · | · | 1671642.3459 | 621432.5690 | · | PT | · |
| 8 | 15+57.82 | · | · | 1671642.3459 | 621432.5690 | · | END | · |
| RTE B RAMP 1 | | | | | | | | |
| 14 | 10+00.00 | · | · | 1671937.6728 | 628240.3961 | · | START | · |
| 14 | 11+72.97 | · | · | 1671942.4295 | 628413.3042 | · | PI | · |
| 14 | 10+00.00 | · | · | 1671937.6728 | 628240.3961 | · | PC | · |
| 14 | 13+45.53 | · | · | 1671967.9545 | 628584.3840 | · | PT | · |
| 14 | 14+73.99 | · | · | 1671986.9116 | 628711.4436 | · | END | · |
| RTE B RAMP 2 | | | | | | | | |
| 14 | 10+00.00 | · | · | 1671829.3050 | 628228.5135 | · | START | · |
| 14 | 11+66.43 | · | · | 1671833.8819 | 628394.8815 | · | PI | · |
| 14 | 10+00.00 | · | · | 1671829.3050 | 628228.5135 | · | PC | · |
| 14 | 13+32.49 | · | · | 1671819.1639 | 628560.3010 | · | PT | · |
| 14 | 15+55.16 | · | · | 1671799.4728 | 628782.4560 | · | END | · |
| RTE B RAMP 3 | | | | | | | | |
| 14 | 10+00.00 | · | · | 1672039.9509 | 630177.4480 | · | START | · |
| 14 | 13+70.25 | · | · | 1672001.0912 | 630545.6488 | · | PI | · |
| 14 | 11+79.94 | · | · | 1672021.0650 | 630356.3945 | · | PC | · |
| 14 | 15+59.99 | · | · | 1672006.3246 | 630735.8821 | · | PT | · |
| 14 | 15+59.99 | · | · | 1672006.3246 | 630735.8821 | · | END | · |
| RTE B RAMP 4 | | | | | | | | |
| 14 | 10+00.00 | · | · | 1671823.3814 | 630018.0760 | · | START | · |
| 14 | 13+08.47 | · | · | 1671886.8412 | 630319.9471 | · | PI | · |
| 14 | 10+50.80 | · | · | 1671833.8328 | 630067.7924 | · | PC | · |
| 14 | 15+64.75 | · | · | 1671893.9271 | 630577.5159 | · | PT | · |
| 14 | 15+64.75 | · | · | 1671893.9271 | 630577.5159 | · | END | · |
| REST AREA RAMP 1 | | | | | | | | |
| 16 | 10+00.00 | · | · | 1672061.7808 | 632749.5816 | · | START | · |
| 16 | 11+01.78 | · | · | 1672064.5841 | 632851.3182 | · | PI | · |
| 16 | 10+00.00 | · | · | 1672061.7808 | 632749.5816 | · | PC | · |
| 16 | 12+02.79 | · | · | 1672088.6566 | 632950.2054 | · | PCC | · |
| 16 | 12+28.47 | · | · | 1672094.7290 | 632975.1503 | · | PI | · |
| 16 | 12+53.95 | · | · | 1672105.8535 | 632998.2882 | · | PT | · |
| 16 | 12+72.05 | · | · | 1672113.6971 | 633014.6022 | · | PC | · |
| 16 | 13+22.62 | · | · | 1672135.6078 | 633060.1744 | · | PI | · |
| 16 | 13+72.84 | · | · | 1672166.1991 | 633100.4371 | · | PT | · |
| 16 | 14+89.26 | · | · | 1672236.6269 | 633193.1303 | · | PC | · |
| 16 | 16+06.91 | · | · | 1672307.8071 | 633286.8139 | · | PI | · |
| 16 | 17+20.37 | · | · | 1672413.2950 | 633338.9249 | · | END | · |
| REST AREA RAMP 2 | | | | | | | | |
| 16 | 10+00.00 | · | · | 1671971.9051 | 633408.8421 | · | START | · |
| 18 | 11+55.33 | · | · | 1671976.1835 | 633564.1152 | · | PI | · |
| 16 | 10+00.00 | · | · | 1671971.9051 | 633408.8421 | · | PC | · |
| 18 | 13+09.87 | · | · | 1671953.3519 | 633717.7601 | · | PT | · |
| 18 | 14+05.87 | · | · | 1671939.2412 | 633812.7174 | · | END | · |
| REST AREA RAMP 3 | | | | | | | | |
| 18 | 10+00.00 | · | · | 1672135.2598 | 634228.8576 | · | START | · |
| 18 | 11+89.14 | · | · | 1672107.6969 | 634415.9823 | · | PI | · |
| 18 | 10+34.95 | · | · | 1672130.1668 | 634263.4341 | · | PC | · |
| 18 | 13+42.56 | · | · | 1672111.9440 | 634570.1180 | · | PT | · |
| 18 | 13+42.56 | · | · | 1672111.9440 | 634570.1180 | · | END | · |
| REST AREA RAMP 4 | | | | | | | | |
| 18 | 10+00.00 | · | · | 1671990.2111 | 635064.7954 | · | START | · |
| 18 | 11+26.07 | · | · | 1672020.9026 | 635187.0701 | · | PI | · |
| 18 | 10+00.00 | · | · | 1671990.2111 | 635064.7954 | · | PC | · |
| 18 | 12+51.13 | · | · | 1672024.3749 | 635313.0900 | · | PT | · |
| 18 | 12+51.13 | · | · | 1672024.3749 | 635313.0900 | · | END | · |

COORDINATE POINTS SHEET
SHEET 02 OF 03

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 66 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

# COORDINATE POINT LISTING

| SHEET NO | STATION | LOCATION | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | DESCRIPTION | GPK POINT ID |
|---|---|---|---|---|---|---|---|---|
| ALIGNMENTS (TABLE 3 OF 3) | | | | | | | | |
| RTE 87 RAMP 1 | | | | | | | | |
| 24 | 10+00.00 | · | · | 1672351.0107 | 643243.4529 | · | START | · |
| 24 | 11+98.57 | · | · | 1672356.4849 | 643441.9506 | · | PI | · |
| 24 | 10+00.00 | · | · | 1672351.0107 | 643243.4529 | · | PC | · |
| 24 | 13+96.51 | · | · | 1672389.2910 | 643637.7950 | · | PT | · |
| 24 | 18+10.00 | · | · | 1672457.6030 | 644045.6009 | · | END | · |
| RTE 87 RAMP 2 | | | | | | | | |
| 24 | 10+00.00 | · | · | 1672241.3099 | 643183.2692 | · | START | · |
| 24 | 11+74.42 | · | · | 1672246.1184 | 643357.6273 | · | PI | · |
| 24 | 10+00.00 | · | · | 1672241.3099 | 643183.2692 | · | PC | · |
| 24 | 13+48.42 | · | · | 1672229.7395 | 643531.2811 | · | PT | · |
| 24 | 16+00.00 | · | · | 1672206.1154 | 643781.7520 | · | END | · |
| RTE 87 RAMP 3 | | | | | | | | |
| 26 | 10+00.00 | · | · | 1672461.8724 | 644901.8754 | · | START | · |
| 26 | 13+94.12 | · | · | 1672440.3748 | 645056.2468 | · | PI | · |
| 26 | 11+55.89 | · | · | 1672407.5125 | 645292.2265 | · | PC | · |
| 26 | 16+31.28 | · | · | 1672414.0807 | 645530.3927 | · | PT | · |
| 26 | 16+31.28 | · | · | 1672414.0807 | 645530.3927 | · | END | · |
| RTE 87 RAMP 4 | | | | | | | | |
| 26 | 10+00.00 | · | · | 1672249.3570 | 645056.1720 | · | START | · |
| 26 | 12+50.83 | · | · | 1672299.7381 | 645301.8952 | · | PI | · |
| 26 | 10+00.00 | · | · | 1672249.3570 | 645056.1720 | · | PC | · |
| 26 | 15+00.39 | · | · | 1672306.7419 | 645552.6348 | · | PT | · |
| 26 | 15+00.39 | · | · | 1672306.6531 | 645552.6348 | · | END | · |
| RTE 179 RAMP 1 | | | | | | | | |
| 44 | 10+00.00 | · | · | 1673099.1077 | 670092.7584 | · | START | · |
| 44 | 12+65.05 | · | · | 1673106.5054 | 670357.7067 | · | PI | · |
| 44 | 10+00.00 | · | · | 1673099.1077 | 670092.7584 | · | PC | · |
| 44 | 15+28.60 | · | · | 1673162.3824 | 670616.8012 | · | PT | · |
| 44 | 17+40.91 | · | · | 1673207.1410 | 670824.3377 | · | END | · |
| RTE 179 RAMP 2 | | | | | | | | |
| 44 | 10+00.00 | · | · | 1672991.0776 | 670093.1879 | · | START | · |
| 44 | 12+10.47 | · | · | 1672996.9512 | 670303.5742 | · | PI | · |
| 44 | 10+00.00 | · | · | 1672991.0776 | 670093.1879 | · | PC | · |
| 44 | 14+20.18 | · | · | 1672972.0168 | 670512.5602 | · | PT | · |
| 44 | 15+98.43 | · | · | 1672950.8991 | 670689.5575 | · | END | · |
| RTE 179 RAMP 3 | | | | | | | | |
| 46 | 10+00.00 | · | · | 1673243.5375 | 671517.1775 | · | START | · |
| 46 | 17+05.89 | · | · | 1673158.4380 | 672217.9231 | · | PI | · |
| 46 | 14+92.40 | · | · | 1673184.1758 | 672005.9872 | · | PC | · |
| 46 | 19+18.60 | · | · | 1673164.3960 | 672431.3330 | · | PT | · |
| 46 | 19+18.60 | · | · | 1673164.3960 | 672431.3330 | · | END | · |
| RTE 179 RAMP 4 | | | | | | | | |
| 46 | 10+00.00 | · | · | 1672970.8285 | 671808.8636 | · | START | · |
| 46 | 13+67.70 | · | · | 1673049.0066 | 672168.1592 | · | PI | · |
| 46 | 11+00.00 | · | · | 1672992.0897 | 671906.5773 | · | PC | · |
| 46 | 16+33.86 | · | · | 1673056.4774 | 672435.7575 | · | PT | · |
| 46 | 16+33.86 | · | · | 1673056.4774 | 672435.7575 | · | END | · |

COORDINATE POINTS SHEET
SHEET 03 OF 03

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

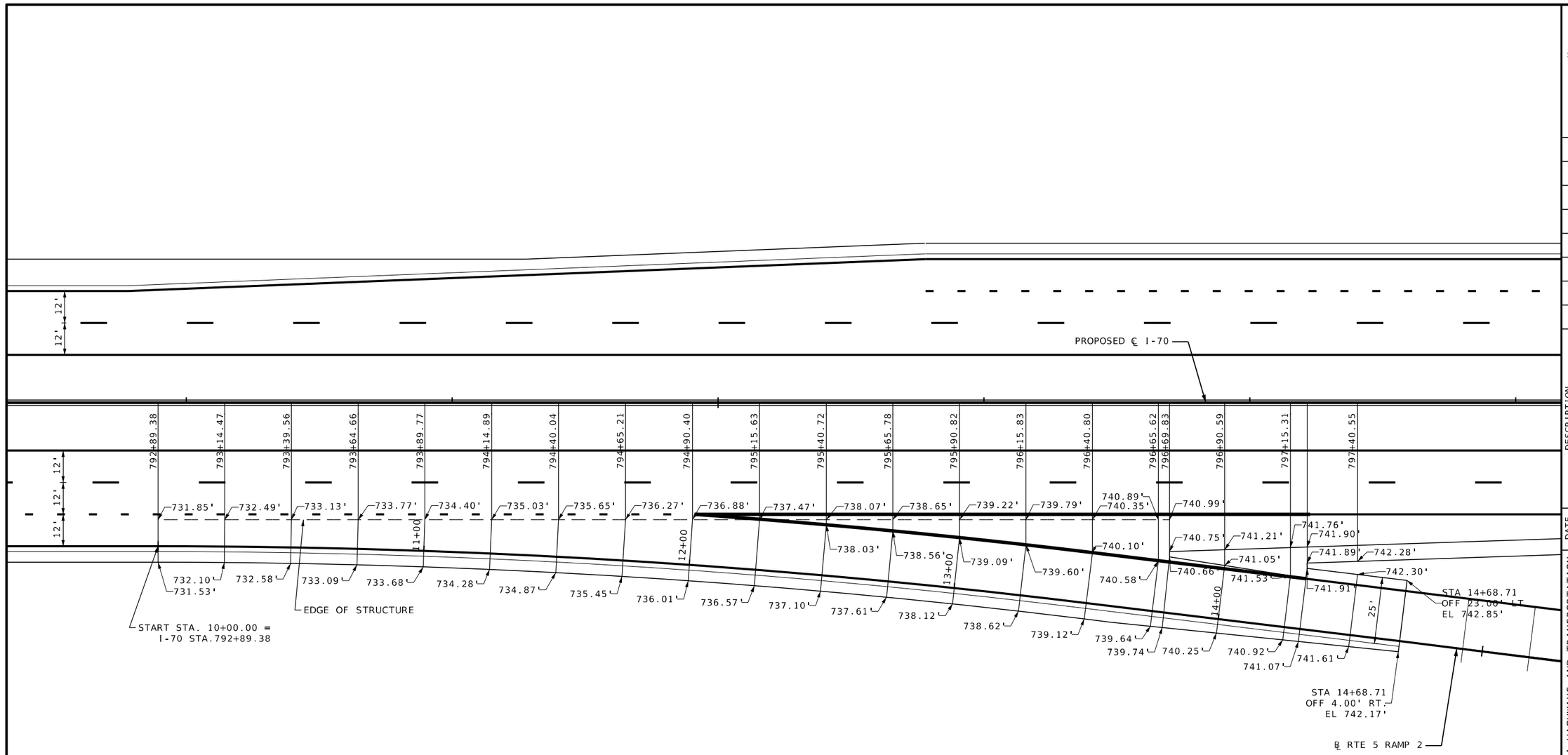
DATE PREPARED
10/27/2025

ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 67
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 – JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM




SCALE

0 20 40 60

I-70 GORE DETAILS
RTE 5 RAMP 2
SHEET 1 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 68 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

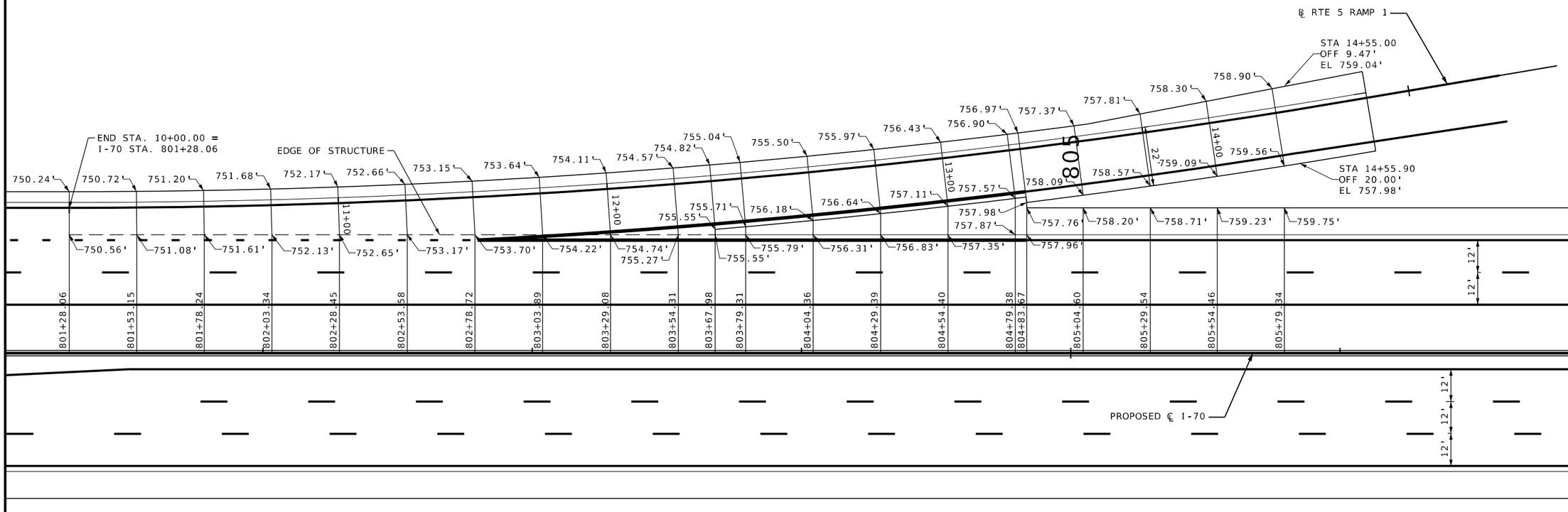
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SCALE

0 20 40 60

I-70 GORE DETAILS
RTE 5 RAMP 1
SHEET 2 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 69 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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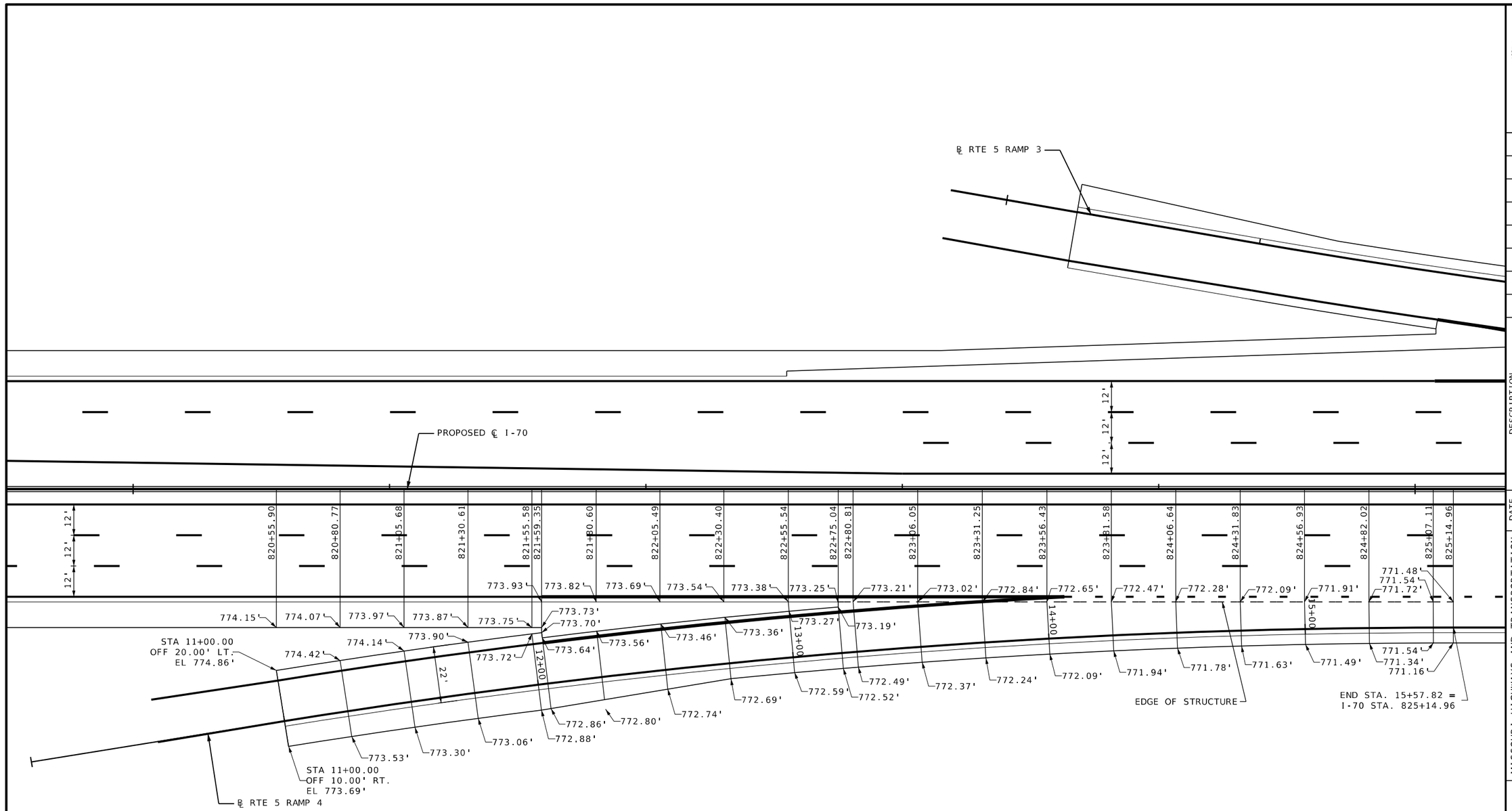
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 5 RAMP 4
SHEET 3 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 70 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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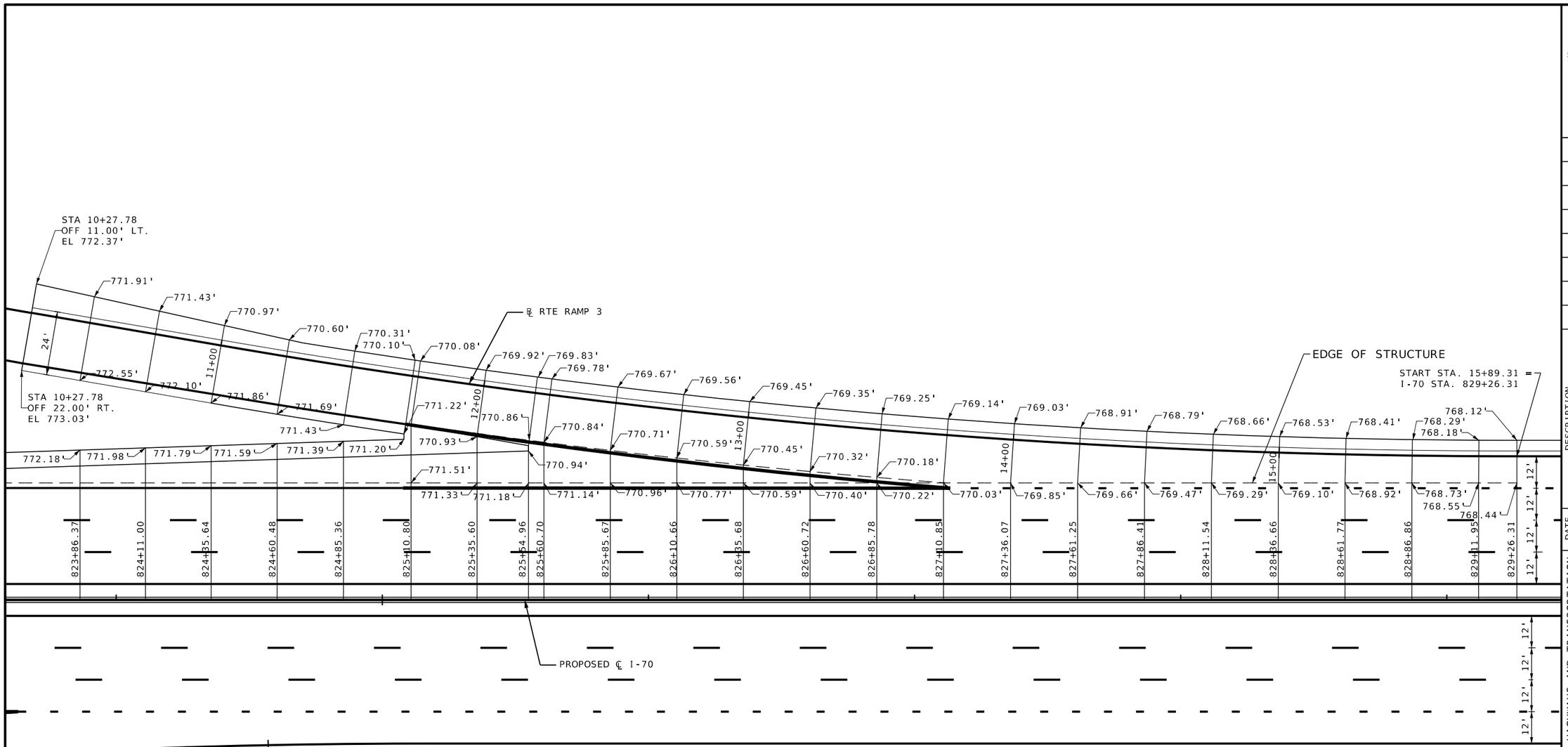
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




SCALE

0 20 40 60

I-70 GORE DETAILS
RTE 5 RAMP 3
SHEET 4 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 71 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

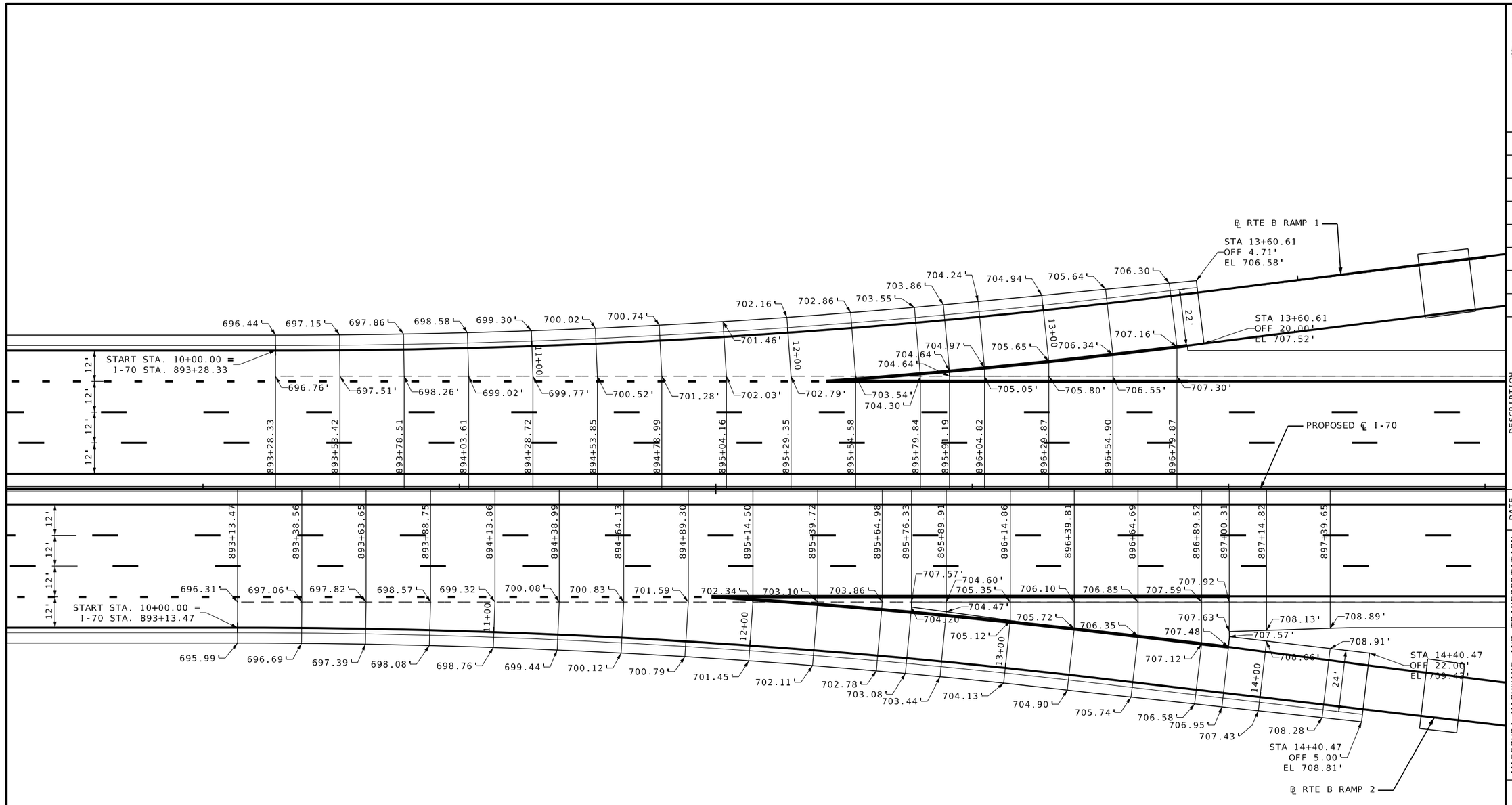
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 GORE DETAILS
RTE B RAMP 1 & 2
SHEET 5 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 72 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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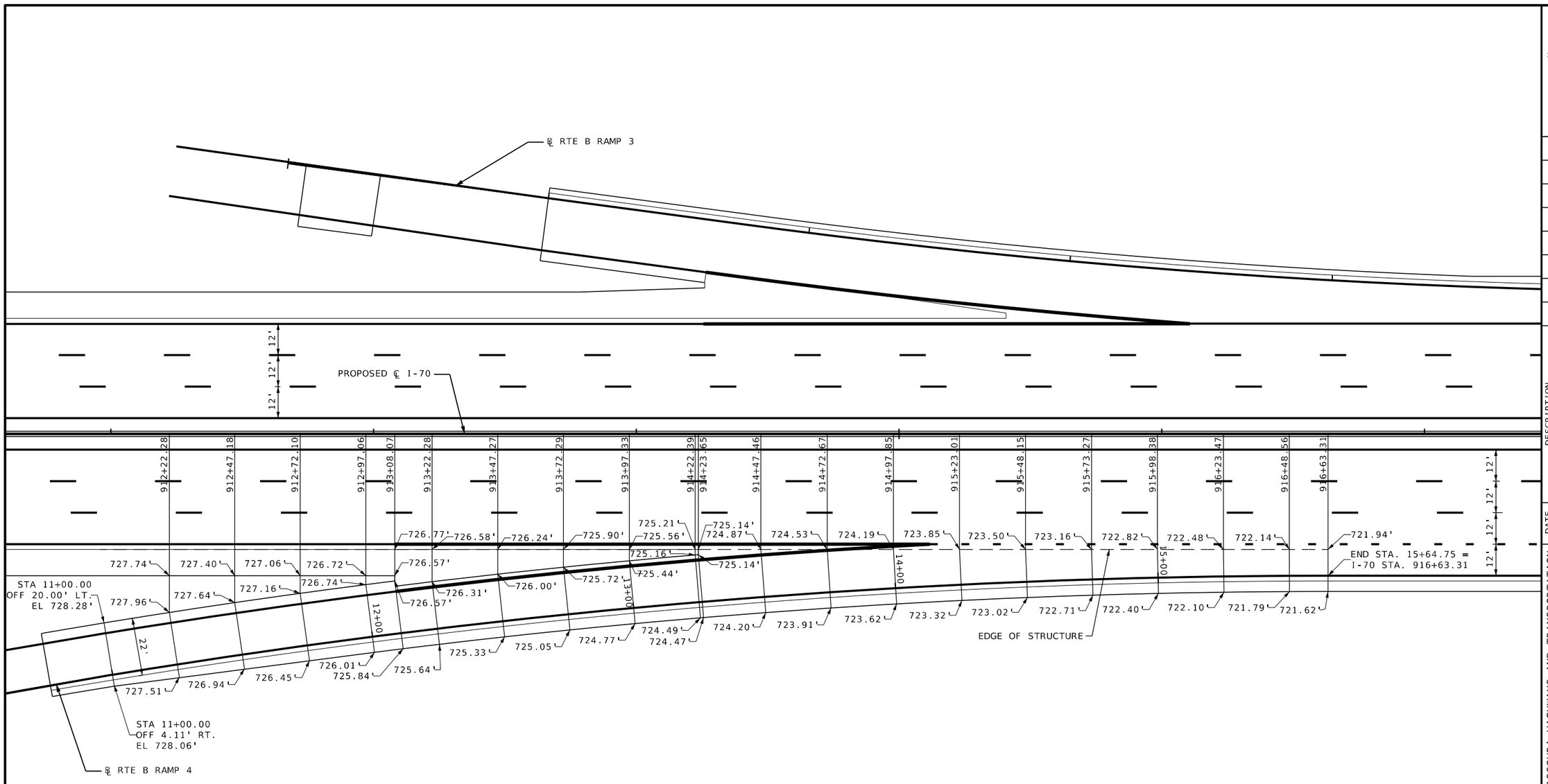
PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE B RAMP 4
SHEET 6 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 73 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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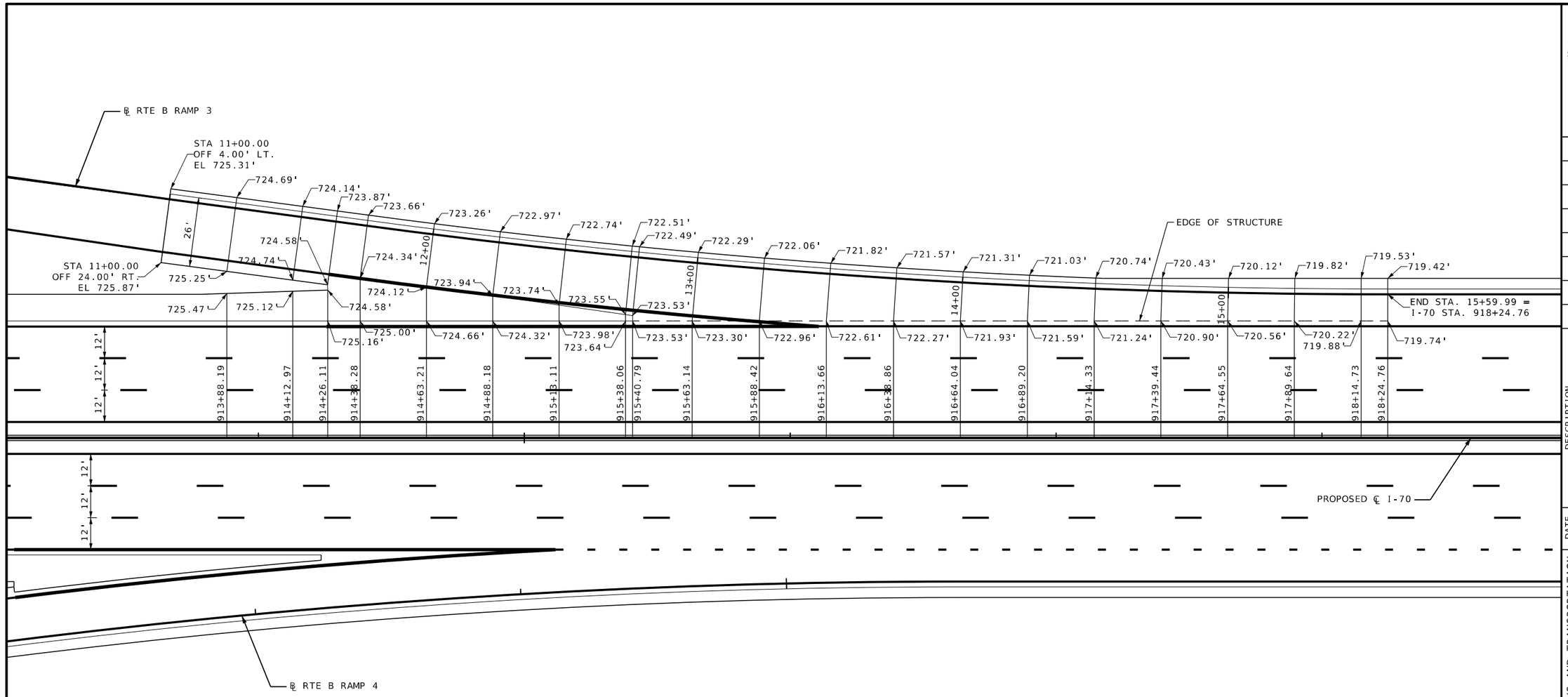
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SCALE

0 20 40 60

I-70 GORE DETAILS
RTE B RAMP 3
SHEET 7 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 74 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

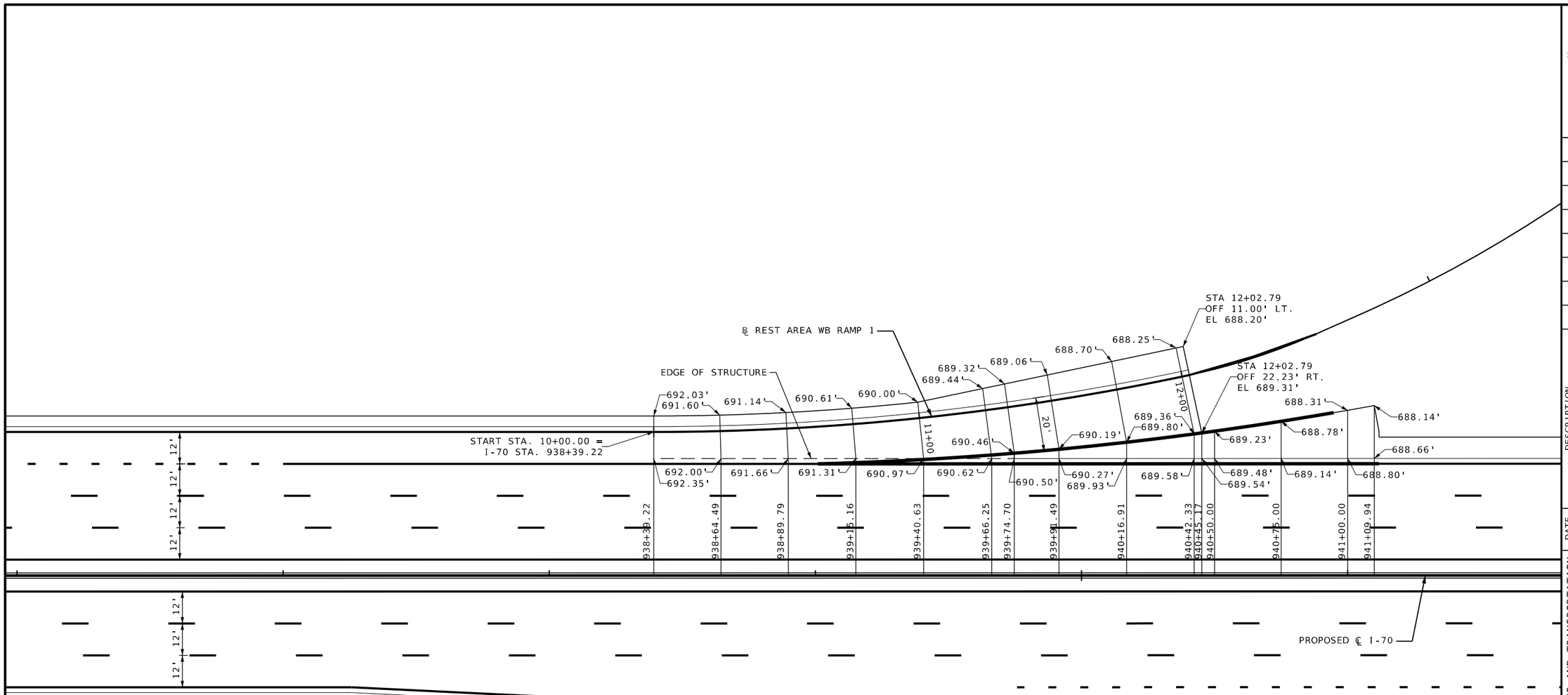
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
REST AREA WB RAMP 1
SHEET 8 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 75 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

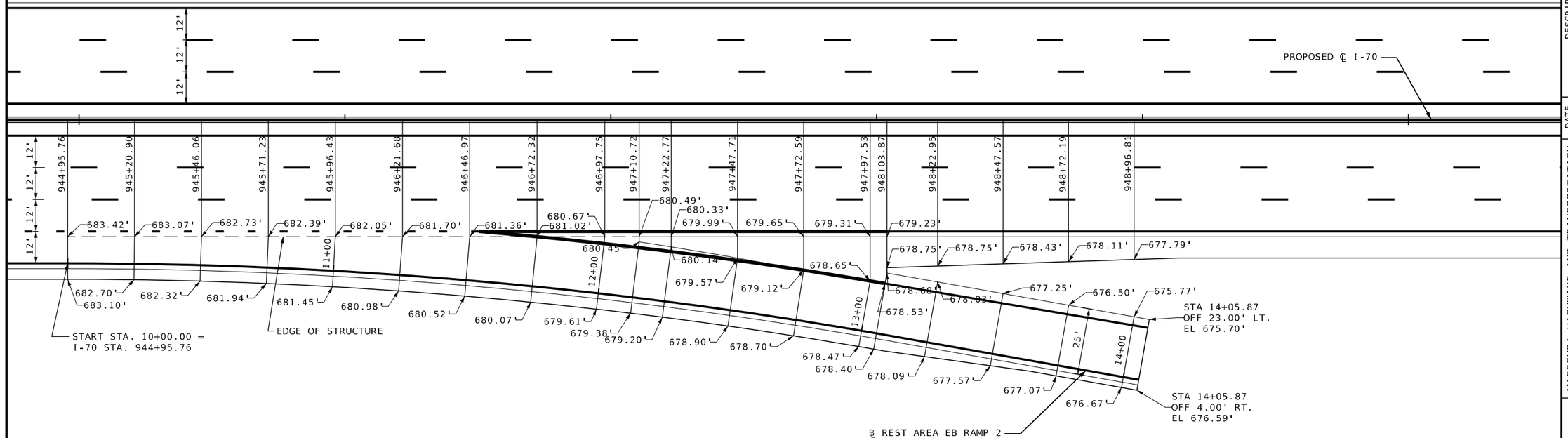
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SCALE

0 20 40 60

I-70 GORE DETAILS
REST AREA EB RAMP 2
SHEET 9 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 76 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

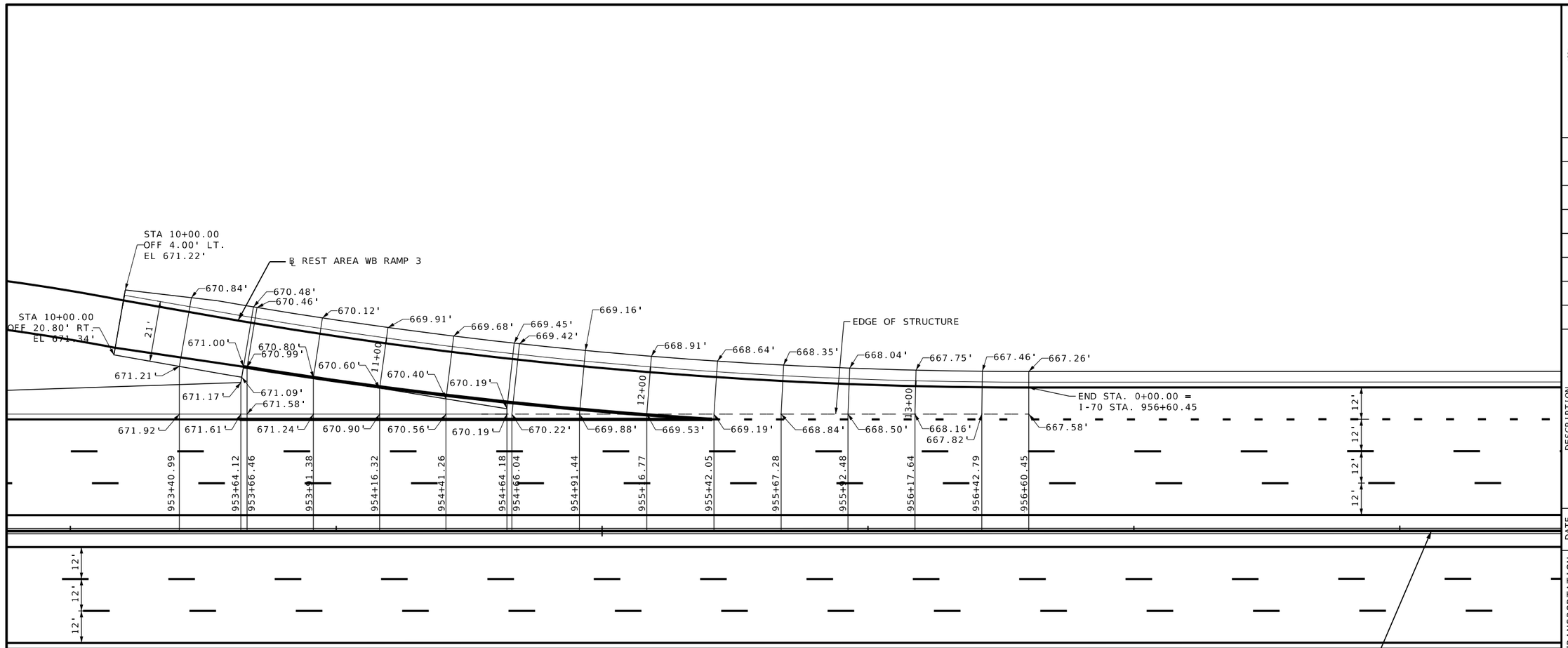
PROJECT NO.
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BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SCALE

0 20 40 60

I-70 GORE DETAILS
REST AREA WB RAMP 3
SHEET 10 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 77 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

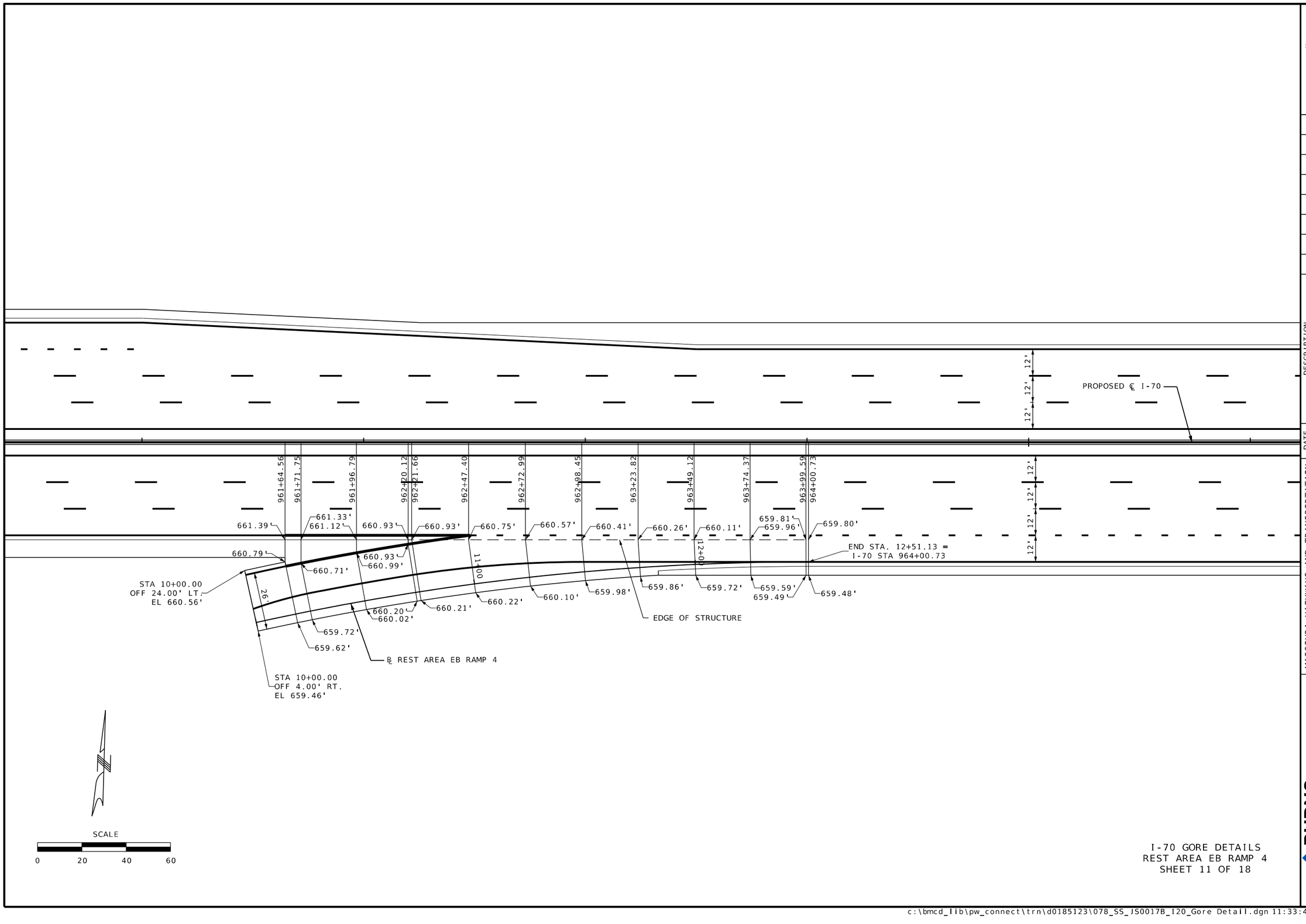
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-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
REST AREA EB RAMP 4
SHEET 11 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 78 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

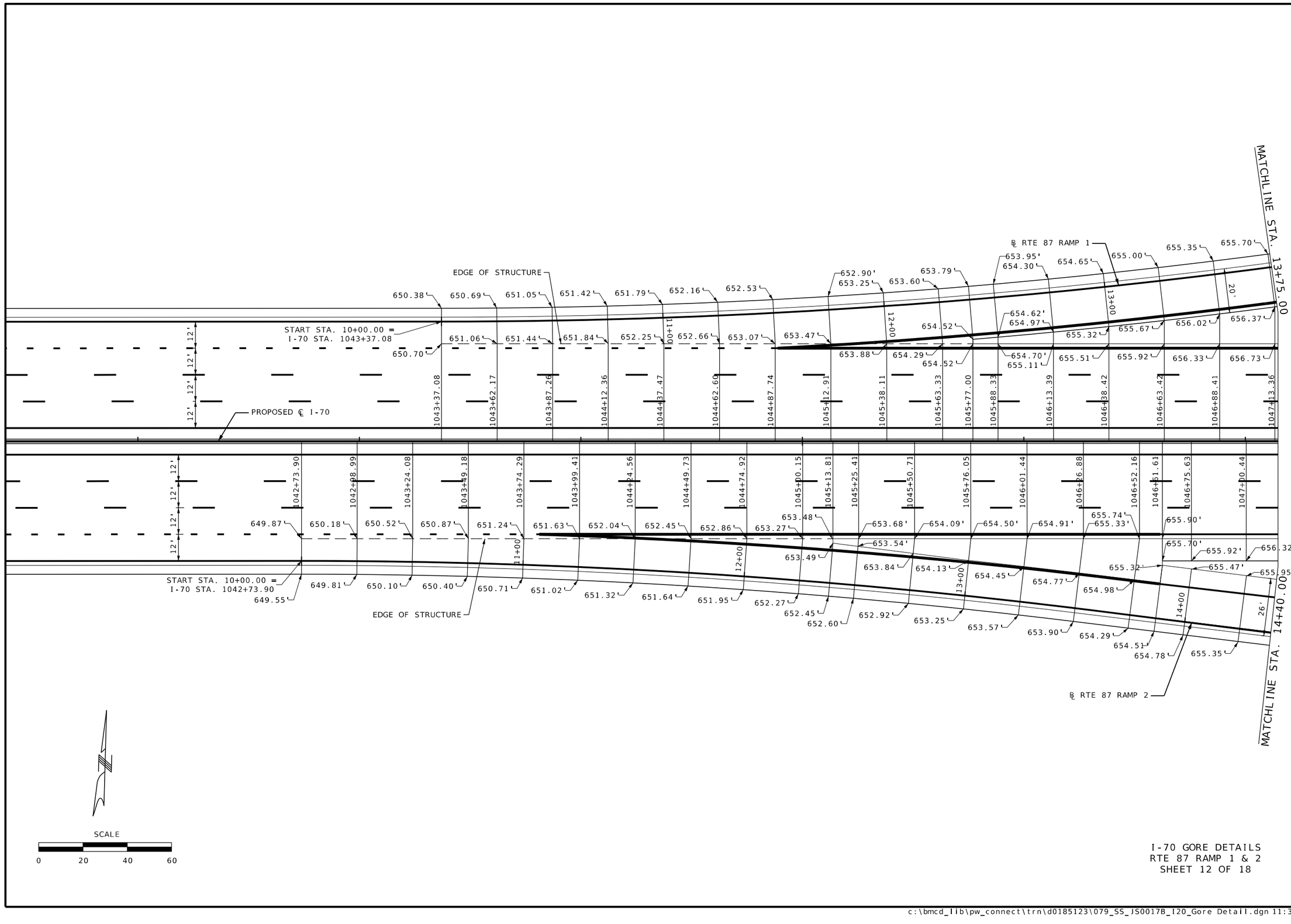
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
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No.: 000165




I-70 GORE DETAILS
RTE 87 RAMP 1 & 2
SHEET 12 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 79 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

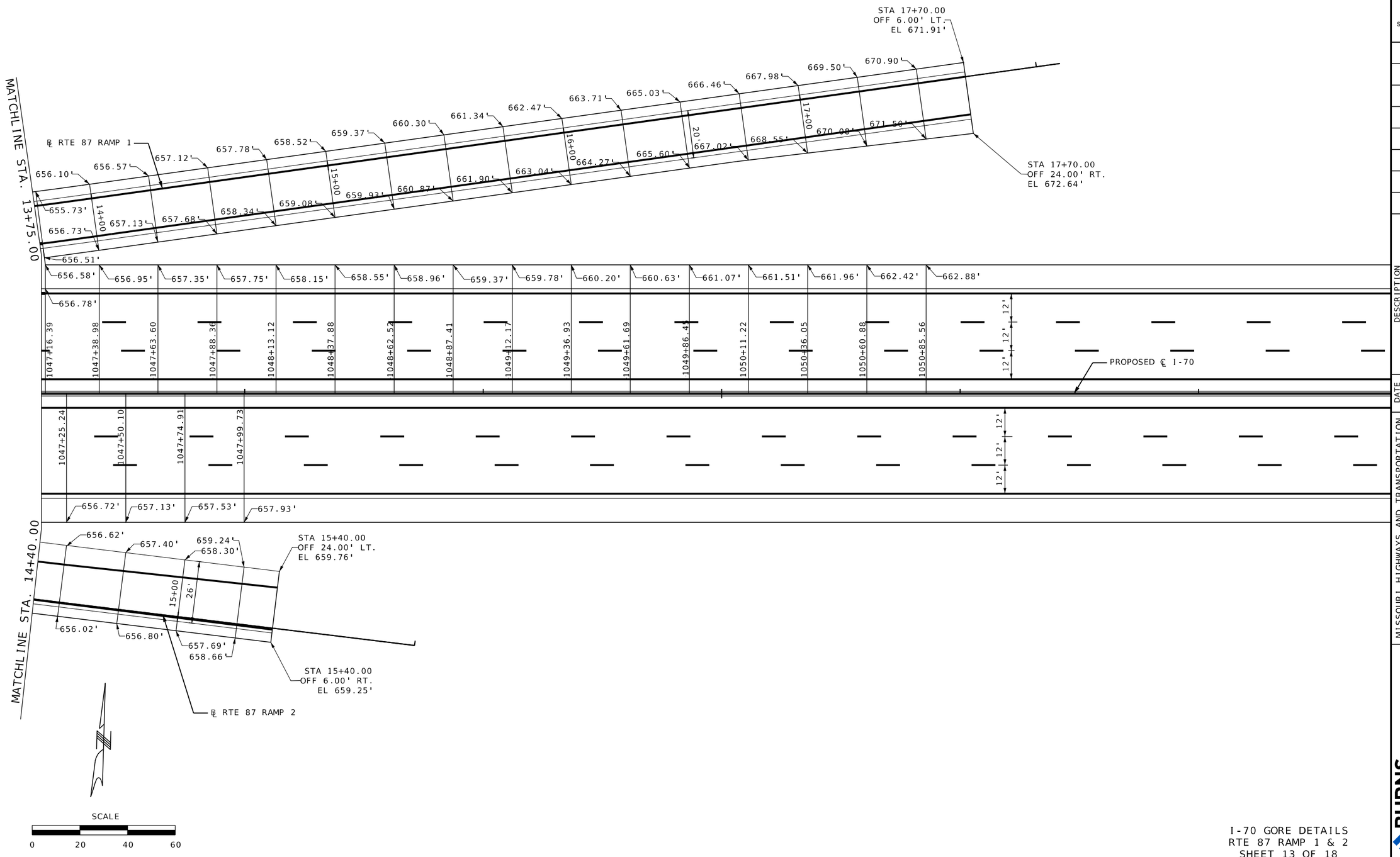
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 87 RAMP 1 & 2
SHEET 13 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 80 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

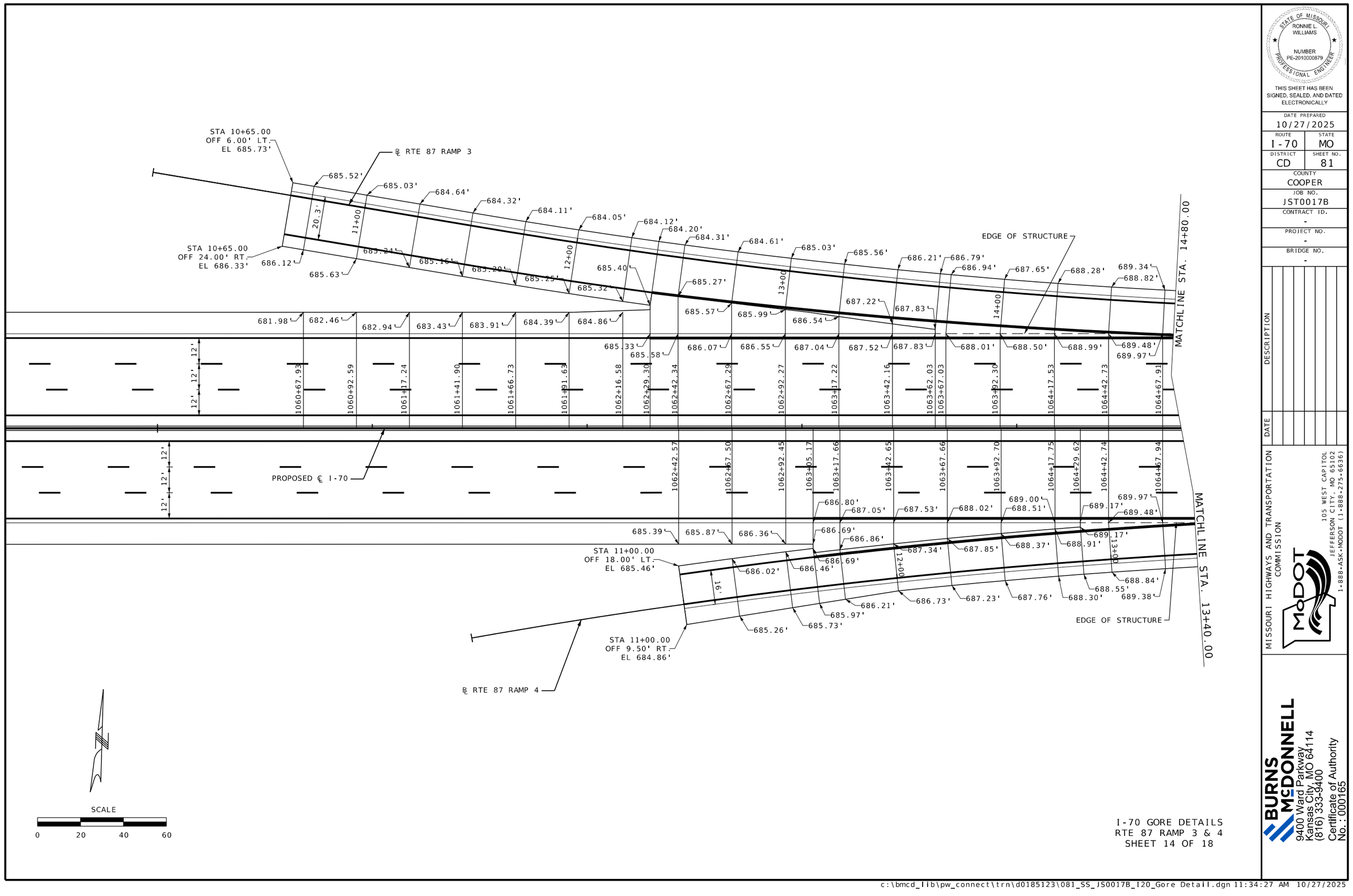
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 87 RAMP 3 & 4
SHEET 14 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 81 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
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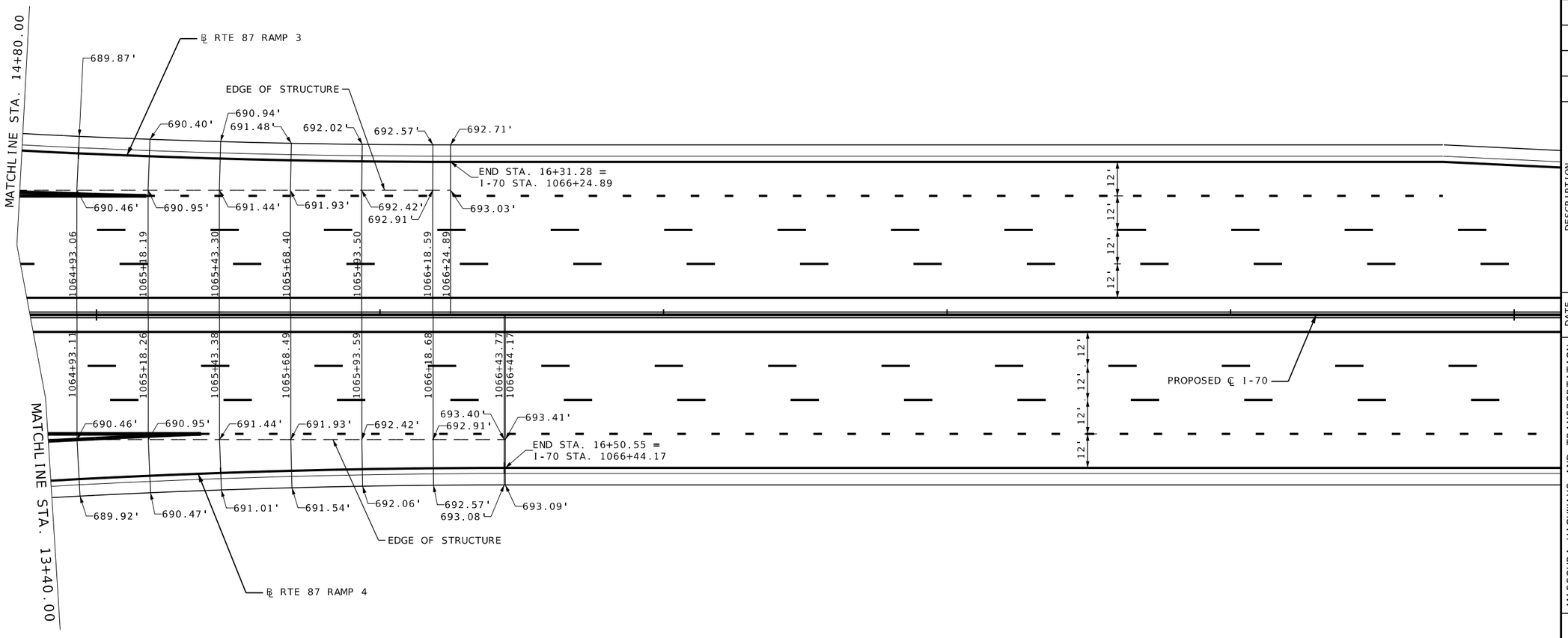
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 GORE DETAILS
RTE 87 RAMP 3 & 4 CONT.
SHEET 15 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 82 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

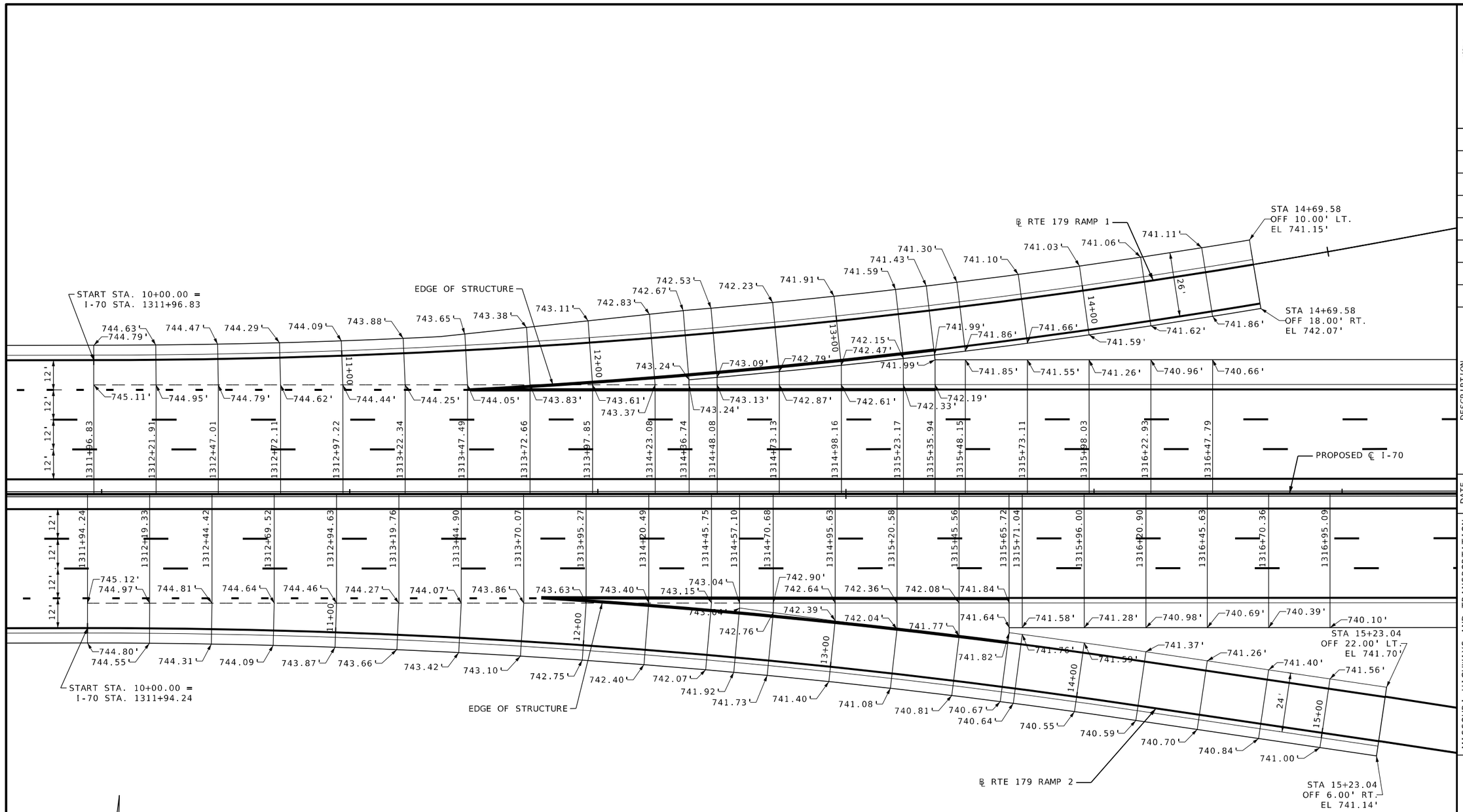
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 179 RAMP 1 & 2
SHEET 16 OF 18

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

RONNIE L. WILLIAMS
NUMBER PE-2010000879
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 83 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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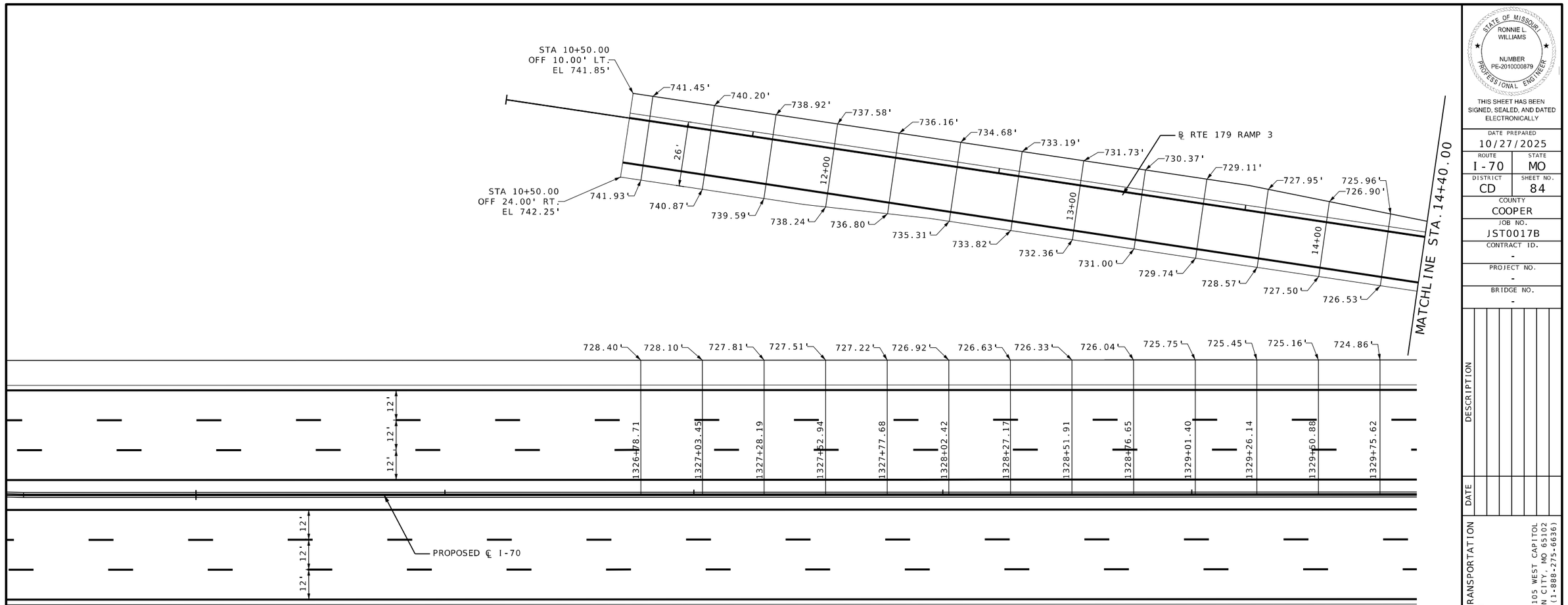
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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 179 RAMP 3
SHEET 17 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 84 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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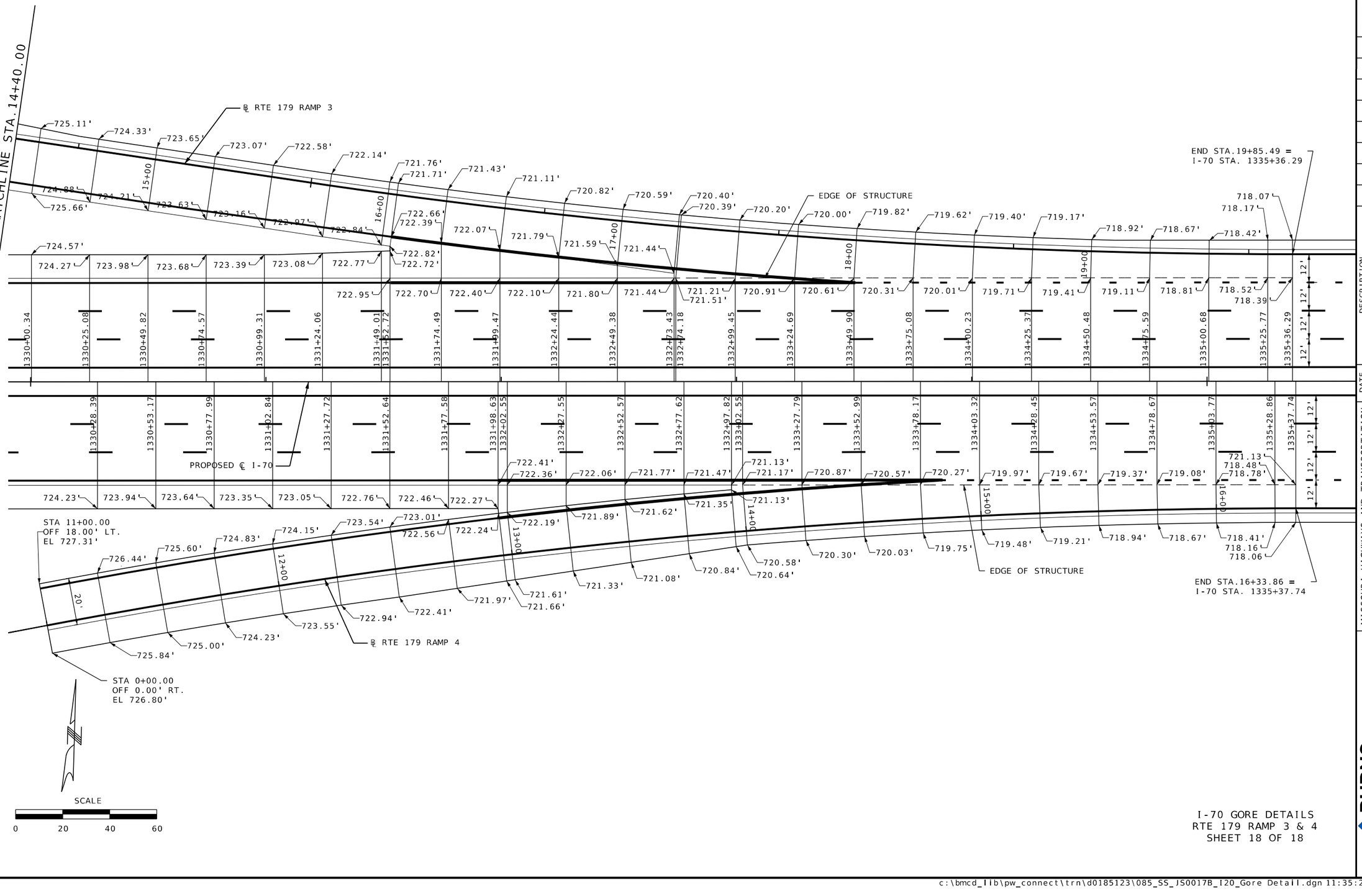
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 GORE DETAILS
RTE 179 RAMP 3 & 4
SHEET 18 OF 18

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 85 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

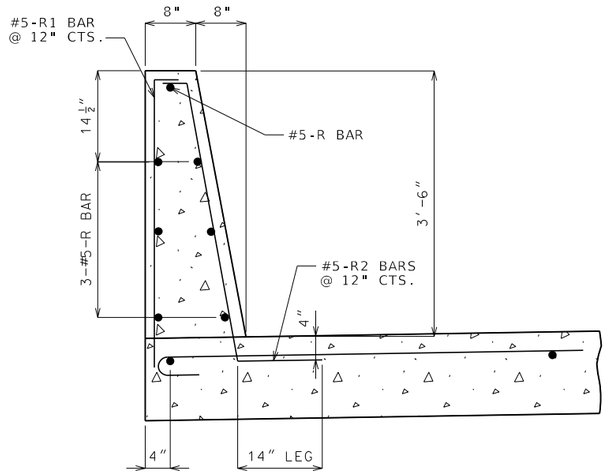
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| DESCRIPTION | DATE |
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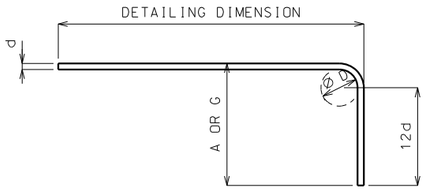
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165



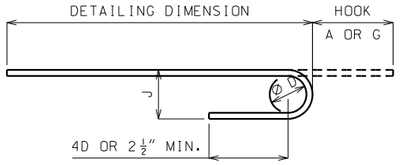

PART SECTION THROUGH BARRIER



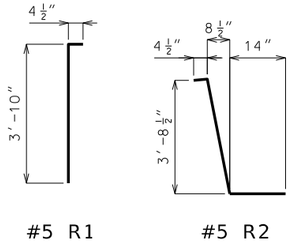

90° HOOKS

| END HOOK DIMENSIONS | | | | |
|---|---|---|---|---|
| BAR SIZE | D (IN.) | ALL GRADES | | |
| | | 180° HOOKS | | 90° HOOKS |
| | | A or G | J | A or G |
| #5 | 3¾" | 7" | 5" | 10" |

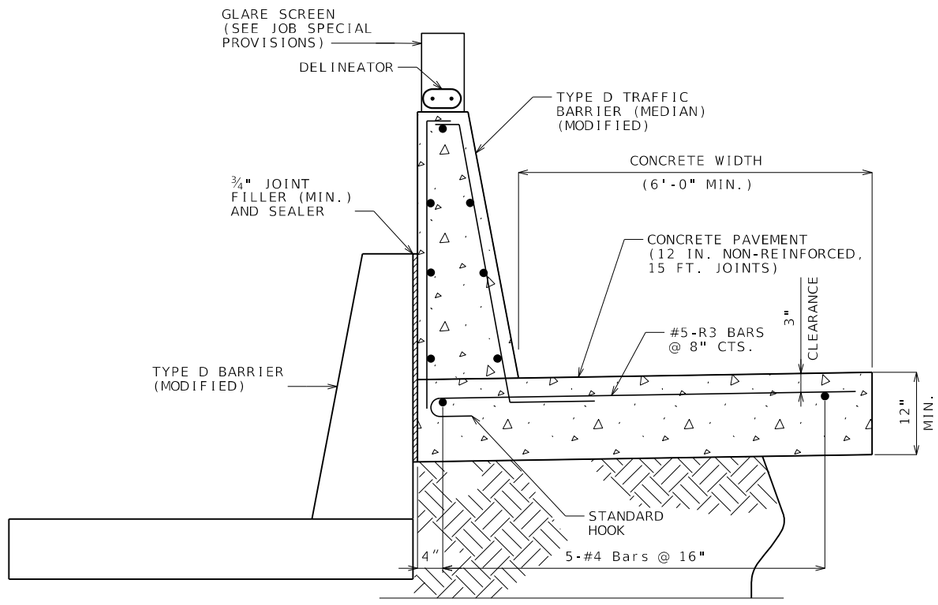
ALL STANDARD HOOKS AND BENDS OTHER THAN 180° TO BE BENT WITH THE SAME PROCEDURE AS FOR 90° STANDARD HOOKS.



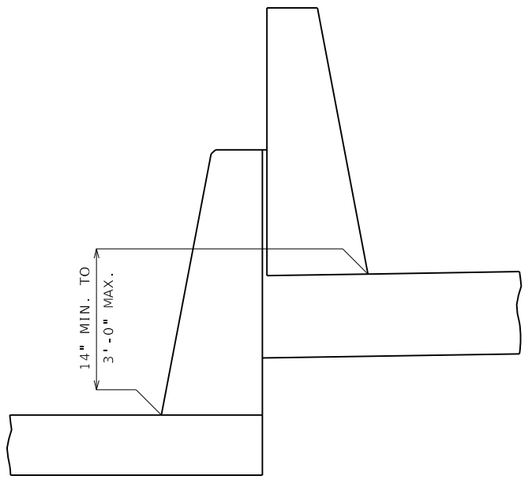

180° HOOKS




#5 R1 #5 R2




TYPE D TRAFFIC BARRIER (MEDIAN)(MODIFIED)




PART SECTION SHOWING
ELEVATION DIFFERENCE

NOTES:

CONCRETE SHALL BE CLASS B F'C= 4,000 PSI.

ALL REINFORCEMENT SHALL BE GRADE 60 EPOXY COATED.

NO DIRECT PAYMENT SHALL BE MADE FOR REINFORCING STEEL.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1½", UNLESS OTHERWISE SHOWN.

TYPE D TRAFFIC BARRIER (MEDIAN)(MODIFIED) SHALL BE USED ONLY AT LOCATIONS SHOWN ON PLANS.

FOR CONCRETE TRAFFIC BARRIER DELINEATION DETAILS SEE STD. PLAN 903.03.

MINIMUM LENGTH BETWEEN EXPANSION JOINTS SHALL BE 30'-0". MAXIMUM LENGTH BETWEEN EXPANSION JOINTS SHALL BE 90'-0".

BAR SPLICES SHALL BE A MINIMUM OF 3'-1".

Note: This drawing is not to scale. Follow dimensions.

# MODIFIED BARRIER (RETAINING WALL)

STATE OF MISSOURI
CHRIS LINNEMAN
NUMBER PE-2002016690
PROFESSIONAL ENGINEER

10/27/2025 2:21:11 PM
Chris Linneman - Civil
MO PE-2002016690

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 86 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

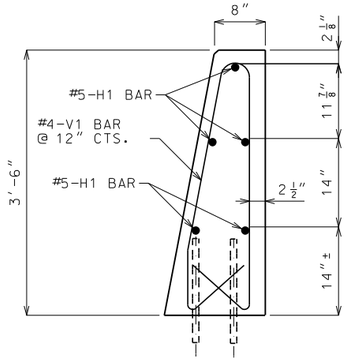
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

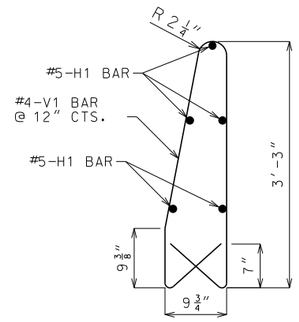
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

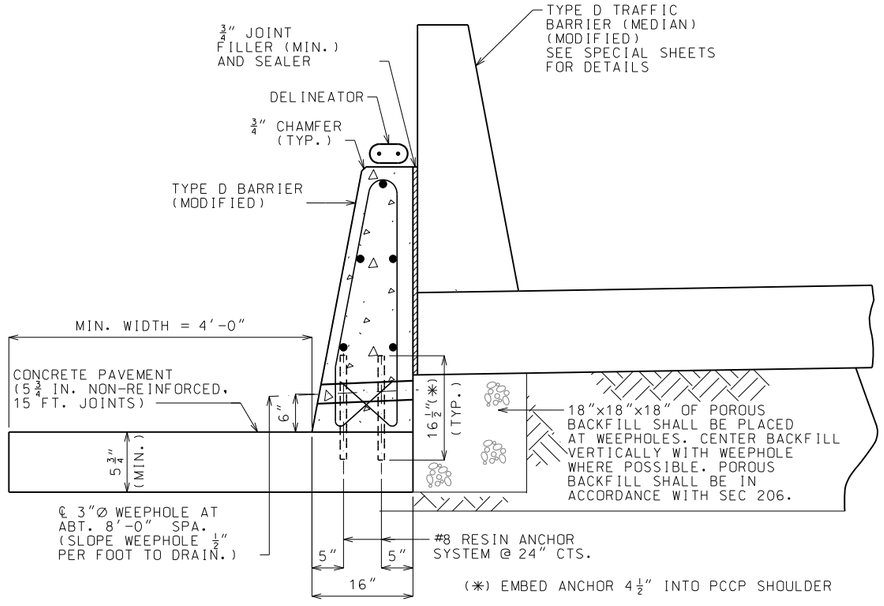
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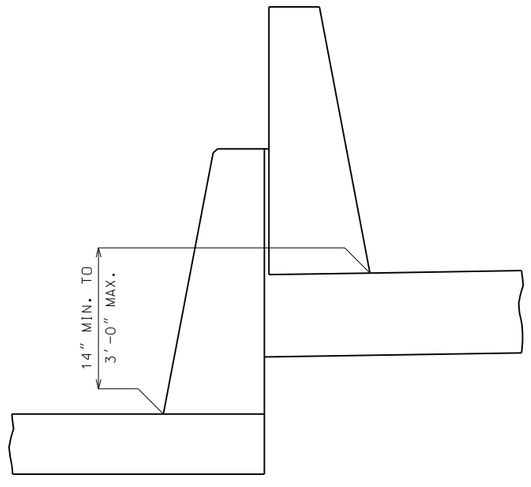

PART SECTION THROUGH BARRIER




PART SECTION OF #4-V1 BAR




TYPE D BARRIER (MODIFIED)




PART SECTION SHOWING ELEVATION DIFFERENCE

NOTES:

CONCRETE SHALL BE CLASS B F'C= 4,000 PSI.

ALL REINFORCEMENT SHALL BE GRADE 60 EPOXY COATED.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1½", UNLESS OTHERWISE SHOWN.

TYPE D TRAFFIC BARRIER (MODIFIED) SHALL BE USED ONLY AT LOCATIONS SHOWN ON PLANS.

FOR CONCRETE TRAFFIC BARRIER DELINEATION DETAILS SEE STD. PLAN 903.03.

NO DIRECT PAYMENT SHALL BE MADE FOR RESIN ANCHORS.

ANY METHOD DEVISED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER THAT WILL ASSURE THE LONGITUDINAL REINFORCING STEEL WILL BE POSITIONED ±1/2 INCH AS DIMENSIONED WILL BE SATISFACTORY.

THE CONTRACTOR HAS THE OPTION TO SLIP-FORM THE BARRIER, IN WHICH CASE, ADDITIONAL REINFORCEMENT MAY BE TIED TO THE UPPER TWO-THIRDS OF THE REINFORCING CAGE TO PROVIDE BRACING.

SAWED JOINTS SHALL BE SPACED AT 15'-0". SEE MISSOURI STANDARD PLANS FOR SAWED JOINT DETAILS.

BAR SPLICES SHALL BE A MINIMUM OF 3'-1".

RESIN ANCHOR SYSTEM SHALL BE DRILLED IN THE PAVEMENT.

# MODIFIED BARRIER (RETAINING WALL)

Note: This drawing is not to scale. Follow dimensions.


STATE OF MISSOURI
CHRIS LINNEMAN
NUMBER PE-2002016690
PROFESSIONAL ENGINEER
10/27/2025 2:21:28 PM
Chris Linneman - Civil
MO PE-2002016690


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 87 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

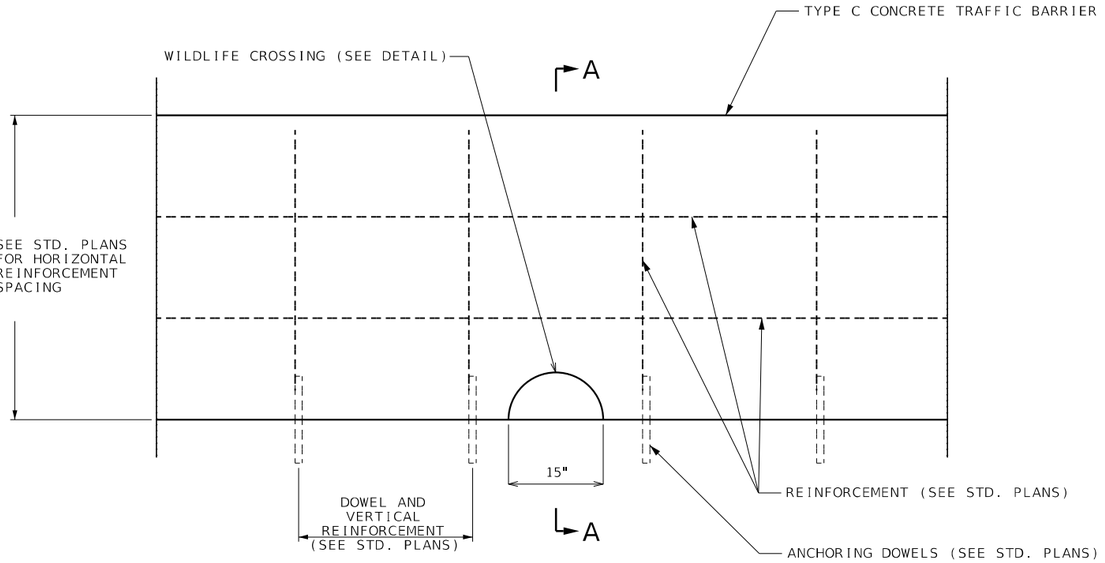
PROJECT NO.
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BRIDGE NO.
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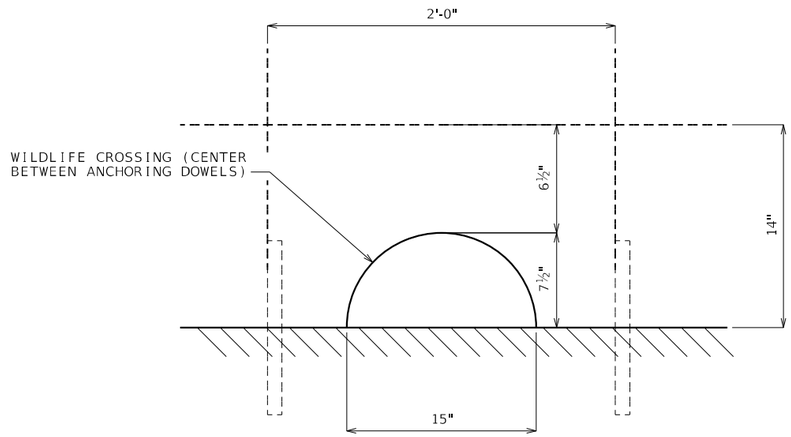
| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
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ELEVATION VIEW
(WILDLIFE CROSSING THROUGH TYPE C CONCRETE TRAFFIC BARRIER)



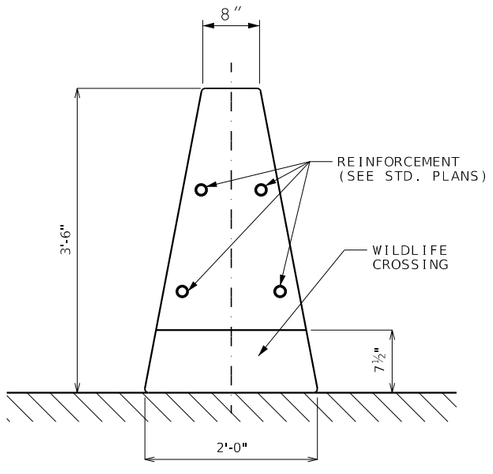

ELEVATION VIEW
(WILDLIFE CROSSING DETAIL)

NOTES:

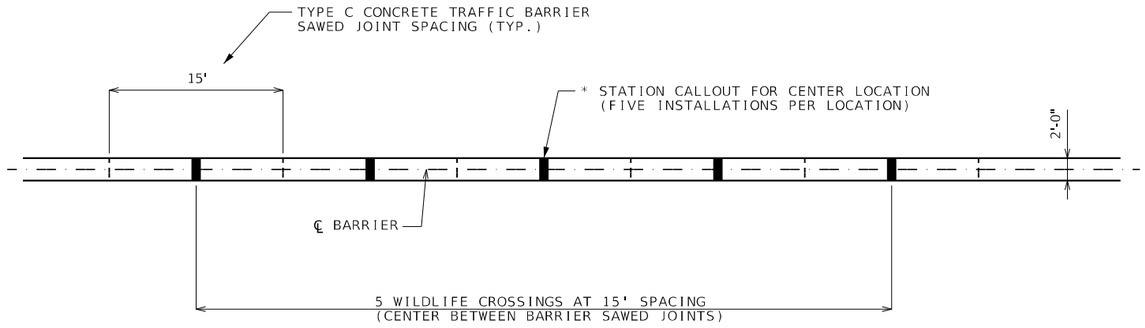
(1) SEE STANDARD PLAN 617.10 FOR DETAILS OF TYPE C CONCRETE TRAFFIC BARRIER, REINFORCEMENT SIZE / SPACING, AND ANCHORING DOWEL SIZE / SPACING.

(2) CENTER WILDLIFE CROSSINGS AT CUT / FILL TRANSITION AREAS. SPACING MAY BE ADJUSTED TO FIELD CONDITIONS UPON APPROVAL OF THE ENGINEER.

(3) COST OF WILDLIFE CROSSINGS INCLUDED IN THE COST PER EACH OPENING FOR WILDLIFE CROSSINGS




SECTION A-A




PLAN VIEW - TYPICAL INSTALLATION
(BARRIER SYMMETRICAL ABOUT CENTERLINE)

| WILDLIFE CROSSING LOCATIONS * |
|---|
| 835+00.00 |
| 848+50.00 |
| 856+00.00 |
| 866+50.00 |
| 885+00.00 |
| 926+50.00 |
| 981+00.00 |
| 1025+00.00 |
| 1085+00.00 |
| 1112+50.00 |
| 1153+00.00 |
| 1192+00.00 |
| 1213+00.00 |
| 1252+50.00 |
| 1260+00.00 |
| 1351+25.00 |
| 1368+00.00 |
| 1395+00.00 |

Note: This drawing is not to scale. Follow dimensions.

# WILDLIFE CROSSING DETAILS

STATE OF MISSOURI
CHRIS LINNEMAN
NUMBER PE-2002016690
PROFESSIONAL ENGINEER

10/27/2025 2:21:22 PM
Chris Linneman - Civil
MO PE-2002016690

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 88 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

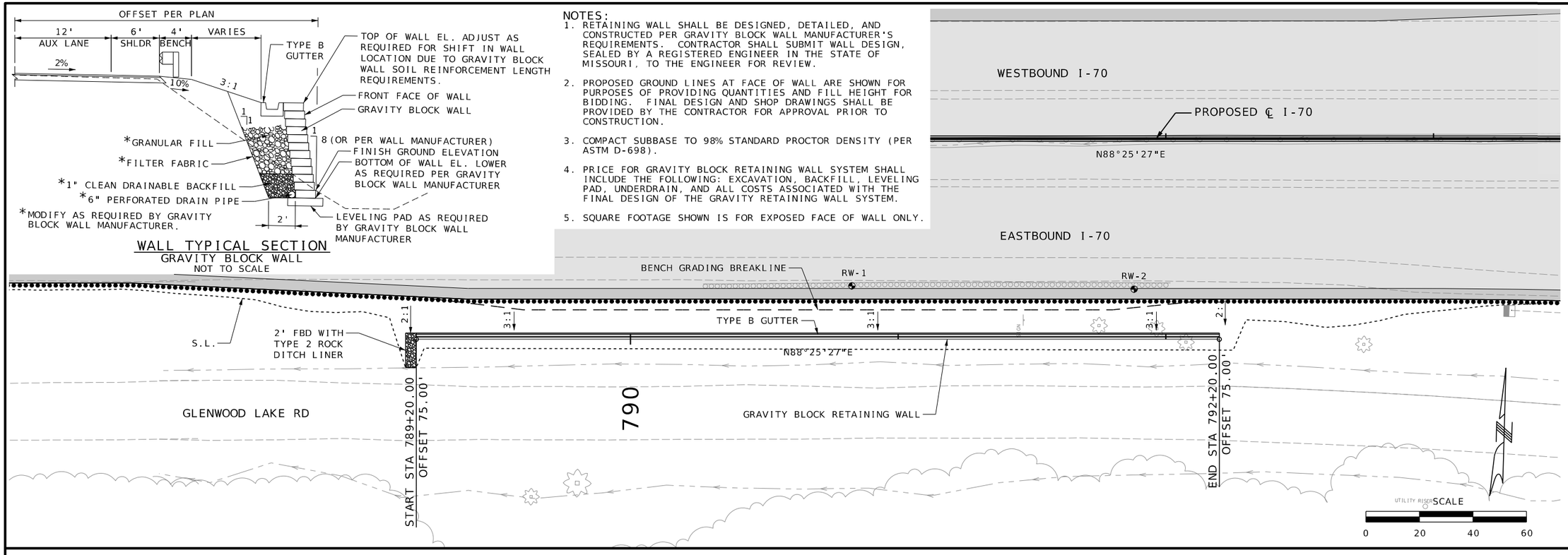
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

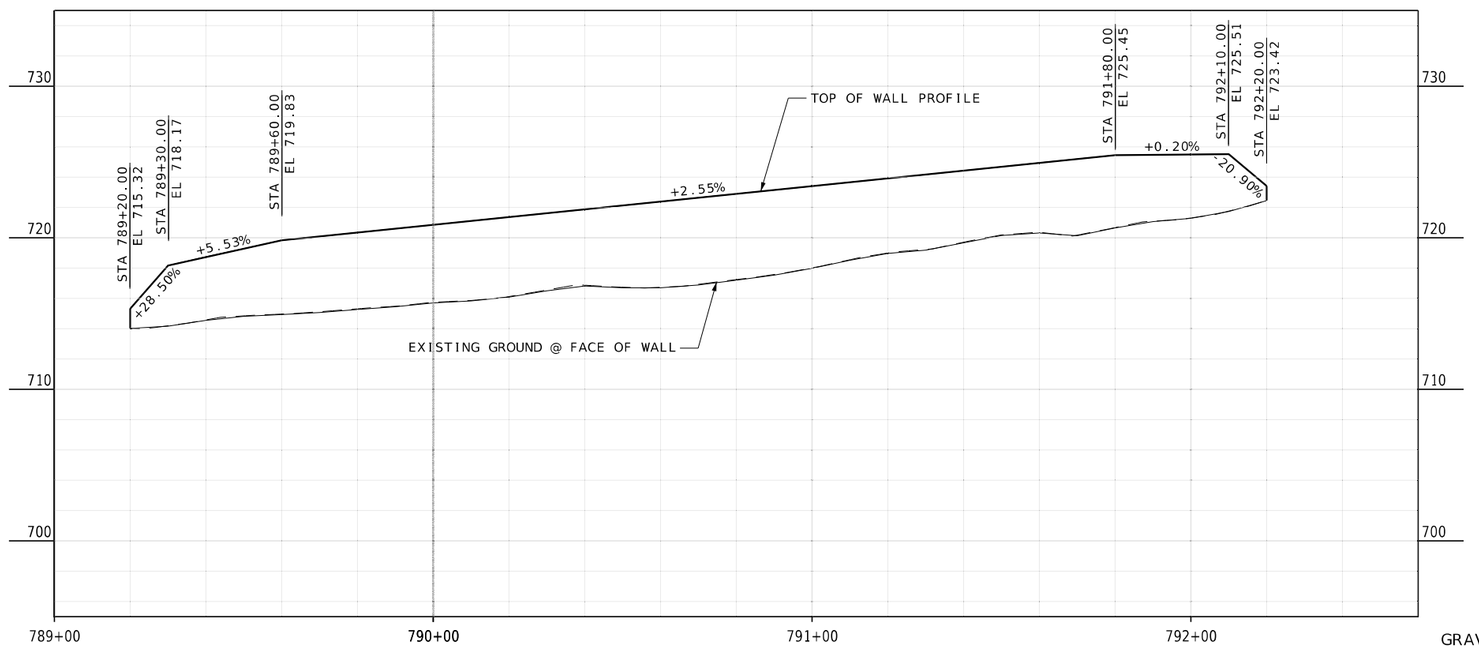
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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## WALL TYPICAL SECTION
GRAVITY BLOCK WALL
NOT TO SCALE

NOTES:
1. RETAINING WALL SHALL BE DESIGNED, DETAILED, AND CONSTRUCTED PER GRAVITY BLOCK WALL MANUFACTURER'S REQUIREMENTS. CONTRACTOR SHALL SUBMIT WALL DESIGN, SEALED BY A REGISTERED ENGINEER IN THE STATE OF MISSOURI, TO THE ENGINEER FOR REVIEW.
2. PROPOSED GROUND LINES AT FACE OF WALL ARE SHOWN FOR PURPOSES OF PROVIDING QUANTITIES AND FILL HEIGHT FOR BIDDING. FINAL DESIGN AND SHOP DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR FOR APPROVAL PRIOR TO CONSTRUCTION.
3. COMPACT SUBBASE TO 98% STANDARD PROCTOR DENSITY (PER ASTM D-698).
4. PRICE FOR GRAVITY BLOCK RETAINING WALL SYSTEM SHALL INCLUDE THE FOLLOWING: EXCAVATION, BACKFILL, LEVELING PAD, UNDERDRAIN, AND ALL COSTS ASSOCIATED WITH THE FINAL DESIGN OF THE GRAVITY RETAINING WALL SYSTEM.
5. SQUARE FOOTAGE SHOWN IS FOR EXPOSED FACE OF WALL ONLY.




GRAVITY BLOCK RETAINING WALL
PLAN & PROFILE SHEET
SHEET 01 OF 01

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 89 |
| COUNTY | |
| COOPER | |
| JOB NO. | |
| JST0017B | |
| CONTRACT ID. | |
| - | |
| PROJECT NO. | |
| - | |
| BRIDGE NO. | |
| - | |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## Missouri Department of Transportation
## Construction and Materials

**BORING NO. RW-1**
Page 1 of 1

**Job No.:** 02255028 **County:** Cooper **Route:**
**Design:** **Skew:** N/A **Location:** I-70
**Bent:** N/A **Logged By:** Nathan Niederhauser **Operator:** Chuck Jacobs
**Station:** N/A **Northing:** 1129581.931 **Date of Work:** 02/25/25-02/25/25
**Offset:** **Easting:** 1559588.387 **Depth to Water:**
**Elevation:** 725.5 **Requested Northing:** N/A **Depth Hole Open:**
**Requested Station:** **Requested Easting:** N/A **Time Change:**
**Requested Offset:** **Equipment:** CME 550X ,Shelby Tube, Split-Spoon Sampler, NQ
**Requested Elevation:** **Location Note:**
**Drill No.:** DR556 **Hammer Efficiency:** 86.4% **Drilling Method:** Continuous Flight Auger

| Depth (ft) | Graphic | Description | Elevation (ft) | Sample Type | REC % (RQD %) | Blow Counts ($N_{60}$) | Shear Data | Field Tests | Index Tests |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.8' Asphalt (9.5 inches) | 725 | | | | | | |
| | | 0.8-1.5' Aggregate Base (8.5 inches) | | | | | | | |
| | | 1.5-8.0' (CL) Fill: Lean Clay with Sand, brown and light gray, stiff to very stiff | | | 11 | 7-3-4 (10) | | | LL = 22<br>PL = 12<br>MC = 4.8% |
| | | | | | 100 | | Qu Test Results<br>UCS = 5.27 ksf<br>MC = 20.7%<br>$\gamma_{moist}$ = 128 pcf | | Sieve Analysis<br>Sieve # % Passing<br>#200 84.8 |
| 5 | | | 720 | | 72 | 7-5-6 (16) | | | MC = 15.7% |
| | | | | | 89 | 3-4-7 (16) | | | MC = 21.7% |
| | | 8.0-12.0' (CH) Fill: Fat Clay, brown and gray, very stiff | | | 67 | 3-5-9 (20) | | | LL = 51<br>PL = 19<br>MC = 19.9% |
| 10 | | | 715 | | | | | | |
| | | 12.0-17.0' (CL) Fill: Sandy Lean Clay, light brown, hard | | | 61 | 9-12-14 (37) | | | MC = 22.0%<br>Sieve Analysis<br>Sieve # % Passing<br>#200 65.4 |
| 15 | | | 710 | | | | | | |
| | | 17.0-25.0' (CH) Fat Clay, reddish brown and gray, very stiff | | | 72 | 4-6-7 (19) | | | MC = 20.6% |
| 20 | | | 705 | | | | | | |
| | | | | | 100 | 4-6-8 (20) | | | LL = 58<br>PL = 22<br>MC = 21.3% |
| 25 | | Bottom of borehole at 25.0 feet. | | | | | | | |

$N_{60}$ = (Em/60)Nm $N_{60}$ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value; (1) = Assumed, (2) = Actual

**Coordinate System:** **Coordinate Zone:** **Coordinate Proj. Factor:**
**Coordinate Datum:** **Coordinate Units:** U.S. Survey Feet

* Persons using this information are cautioned that the materials shown are determined by the equipment noted and accuracy of the "log of materials" is limited thereby and by judgement of the operator. THIS INFORMATION IS FOR DESIGN PURPOSES ONLY.

LETTER BOREHOLE - MODOT_2016118.GDT - 3/31/25 15:21 - C:\USERS\TRMASTONE\DRIVE - TERRACON CONSULTANTS INC\DOCUMENTS\02255028 I-70 RETAINING WALL.GPJ

## Missouri Department of Transportation
## Construction and Materials

**BORING NO. RW-2**
Page 1 of 1

**Job No.:** 02255028 **County:** Cooper **Route:**
**Design:** **Skew:** N/A **Location:** I-70
**Bent:** N/A **Logged By:** Nathan Niederhauser **Operator:** Chuck Jacobs
**Station:** N/A **Northing:** 1129583.414 **Date of Work:** 02/25/25-02/25/25
**Offset:** **Easting:** 1559693.859 **Depth to Water:**
**Elevation:** 728.0 **Requested Northing:** N/A **Depth Hole Open:**
**Requested Station:** **Requested Easting:** N/A **Time Change:**
**Requested Offset:** **Equipment:** CME 550X ,Shelby Tube, NQ
**Requested Elevation:** **Location Note:**
**Drill No.:** DR556 **Hammer Efficiency:** 86.4% **Drilling Method:** Continuous Flight Auger

| Depth (ft) | Graphic | Description | Elevation (ft) | Sample Type | REC % (RQD %) | Blow Counts ($N_{60}$) | Shear Data | Field Tests | Index Tests |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 0.0-0.8' Asphalt (9 inches) | | | | | | | |
| | | 0.8-1.6' Concrete (10 inches) | | | | | | | |
| | | 1.6-6.0' (CL) Fill: Lean Clay with Sand, gray, stiff to very stiff | 725 | | 44 | 3-2-8 (14) | | | MC = 20.2% |
| | | | | | 92 | | Qu Test Results<br>UCS = 4.51 ksf<br>MC = 21.3%<br>$\gamma_{moist}$ = 129 pcf | | LL = 48<br>PL = 18<br>Sieve Analysis<br>Sieve # % Passing<br>#200 73.1 |
| 5 | | | | | | | | | |
| | | 6.0-14.5' (CH) Fill: Fat Clay, gray, very stiff | 720 | | 78 | 2-5-6 (16) | | | LL = 56<br>PL = 19<br>MC = 21.8% |
| | | | | | 67 | 4-6-8 (20) | | | MC = 21.4% |
| 10 | | | 715 | | | | | | |
| | | 14.5-18.0' (CL) Fill: Lean Clay with Sand, light brown, hard | | | 100 | 5-8-13 (30) | | | MC = 20.5%<br>Sieve Analysis<br>Sieve # % Passing<br>#200 78.3 |
| 15 | | | 710 | | | | | | |
| | | 18.0-20.0' (CH) Fat Clay, brown and gray, stiff | | | 61 | 3-3-4 (10) | | | LL = 52<br>PL = 20<br>MC = 21.3% |
| 20 | | Bottom of borehole at 20.0 feet. | | | | | | | |

$N_{60}$ = (Em/60)Nm $N_{60}$ - Corrected N value for standard 60% SPT efficiency; Em - Measured hammer efficiency in percent; Nm - Observed N-value; (1) = Assumed, (2) = Actual

**Coordinate System:** **Coordinate Zone:** **Coordinate Proj. Factor:**
**Coordinate Datum:** **Coordinate Units:** U.S. Survey Feet

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LETTER BOREHOLE - MODOT_2016118.GDT - 3/31/25 15:21 - C:\USERS\TRMASTONE\DRIVE - TERRACON CONSULTANTS INC\DOCUMENTS\02255028 I-70 RETAINING WALL.GPJ

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 90 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

DESCRIPTION

DATE

REVISION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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**I-70 TEMPORARY TRAFFIC CONTROL NARRATIVE:**

PHASE 0:
CONSTRUCTION
CONSTRUCT ULTIMATE SHOULDER IN DESIGNATED LOCATIONS FOR TRAFFIC HANDLING. CONSTRUCT GUARDRAIL FOR BRIDGE N0. A0153.
CONSTRUCT TEMPORARY SHOULDER IN DESIGNATED LOCATIONS FOR TRAFFIC HANDLING. CONSTRUCT EDGE WEDGE. CONSTRUCT PTZ CAMERA AT MO 87. MILL AND OVERLAY RUMBLE STRIPES.

TRAFFIC
TWO LANES OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION. LANES WILL BE REDUCED IN WIDTH TO 11 FT.
FOR THE MILL AND OVERLAY OF THE RUMBLE STRIPES, CLOSE ONE LANE OVER NIGHT.

PHASE 1:
CONSTRUCTION
CONSTRUCT MEDIAN AND CENTER LANES. DURING THIS PHASE THE DRAIN HOLES ON MO 179 BRIDGE NO. A0008 WILL BE FILLED.

TRAFFIC - I-70
TWO LANES OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION BEING SHIFTED ONTO SHOULDERS WHERE NECESSARY. LANE WIDTHS WILL BE REDUCED WITH 10 FT OUTSIDE LANES AND 11 FT INSIDE LANES. 2 FT SHOULDER WILL BE MAINTAINED.

TRAFFIC - MO 179
ROADWAY WILL BE REDUCED TO A SINGLE LANE. FLAGGER WILL BE USED TO MAINTAIN TWO-WAY TRAFFIC FLOW.

PHASE 2:
CONSTRUCTION
CONSTRUCT WESTBOUND LANES CLOSING ONE ENTRANCE RAMP AND ONE EXIT RAMP AT A TIME.

TRAFFIC
TWO LANES OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION BEING SHIFTED INTO MEDIAN. LANE WIDTHS WILL BE REDUCED. EB LANES WILL HAVE A MINIMUM OUTSIDE LANE WIDTH OF 10 FT WITH A 2 FT SHOULDER AND INSIDE MINIMUM LANE WIDTH OF 11 FT WITH A 2 FT SHOUDLER. WESTBOUND LANES WILL HAVE A MINIMUM INSIDE LANE WIDTH OF 10' WITH 2 FT SHOULDER AND AN OUTSIDE LANE WIDTH OF 11 FT. OSOW ADVANCED SIGNING WILL BE PUT IN PLACE TO DIRECT OSOW VEHICLES TO THE CORRECT LANE. ONE HALF INTERCHANGE CAN BE CLOSED AT A TIME. DURING THE CLOSURE, TRAFFIC WILL BE DETOURED TO THE NEXT INTERCHANGE.

PHASE 3:
CONSTRUCTION
CONSTRUCT EASTBOUND LANES CLOSING ONE ENTRANCE RAMP AND ONE EXIT RAMP AT A TIME. CONSTRUCT SURFACE OVERLAY.

TRAFFIC
TWO LANES OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION BEING SHIFTED INTO MEDIAN. LANE WIDTHS WILL BE REDUCED. EASTBOUND TRAFFIC WILL BE REDUCED TO 10 FT. ONLY ONE EASTBOUND LANE MAY BE 10 FT AT A TIME. WESTBOUND TRAFFIC WILL HAVE A MINIMUM LANE WIDTH OF 11 FT WITH A 2 FT SHOULDER. OSOW ADVANCED SIGNING WILL BE PUT IN PLACE TO DIRECT OSOW VEHICLES TO THE CORRECT LANE. ONE HALF INTERCHANGE CAN BE CLOSED AT A TIME. DURING THE CLOSURE, TRAFFIC WILL BE DETOURED TO THE NEXT INTERCHANGE. SURFACE OVERLAY WILL BE CONSTRUCTED OVERNIGHT AND CAN CLOSE ONE LANE.

PHASE 4:
CONSTRUCTION
CONSTRUCT MEDIAN BARRIER.

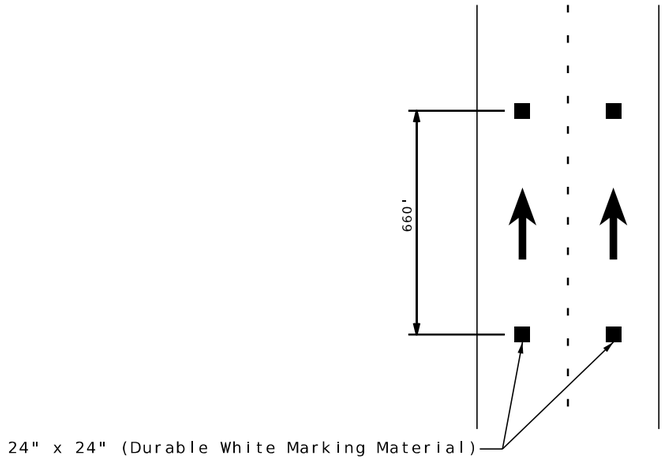
TRAFFIC
TWO LANES OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION LEAVING THE INSIDE NEWLY CONSTRUCTED LANE CLOSED.

**TRAFFIC CONTROL RESTRICTIONS**

1) NO WORK SHALL OCCUR ON MAINLINE I-70 BETWEEN STATIONS 1365+00 AND 1400+00 BETWEEN NOVEMBER 1ST TO MARCH 30TH UNLESS APPROVED BY THE ENGINEER.
2) ALL RAMPS AND LANES AT THE ROUTE 179 INTERCHANGE SHALL NOT BE CLOSED DURING THE ANNUAL MISSOURI RIVER VALLEY STEAM ENGINE ASSOCIATION STEAM SHOW.

**BASIS OF QUANTITIES**

1) TRAFFIC CONTROL QUANTITIES HAVE BEEN DEVELOPED BASED ON THE FULL LENGTH OF THE PROJECT. THE ESTIMATED QUANTITIES REPRESENT TYPICAL TRAFFIC CONTROL MEASURES, DEVICES, AND LAYOUTS REQUIRED TO SUPPORT CONSTRUCTION ACTIVITIES WITHIN A CONTINUOUS PROJECT LENGTH.
2) THE CONTRACTOR MAY ELECT TO PERFORM THE WORK USING SHORTER WORK ZONE SEGMENTS OR TO OPERATE WITHIN THE FULL PROJECT LENGTH, SUBJECT TO APPROVAL BY THE ENGINEER.
3) ANY PROPOSED WORK ZONE CONFIGURATION THAT DIFFERS FROM THE BASIS OF DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION. APPROVAL WILL BE CONTINGENT UPON MAINTAINING SAFE TRAFFIC OPERATIONS, ADEQUATE CAPACITY, AND COMPLIANCE WITH ALL APPLICABLE STANDARDS.
4) TRAFFIC CONTROL QUANTITIES WILL NOT BE AUTOMATICALLY ADJUSTED FOR VARIATIONS IN WORK ZONE LENGTH OR CONFIGURATION. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL DEVICES NECESSARY TO SAFELY ACCOMMODATE THE APPROVED WORK ZONE ARRANGEMENT.
5) IF THE CONTRACTOR PROPOSES AN ALTERNATIVE TRAFFIC CONTROL PLANN, THE CONTRACTOR SHALL SUBMIT DETAILED TRAFFIC CONTROL PLANS (TCP) FOR EACH PHASE OR WORK ZONE CONFIGURATION IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND PROJECT SPECIFICATIONS.
6) THE CONTRACTOR SHALL MAINTAIN SAFE AND CONTINUOUS TRAFFIC FLOW THROUGHOUT THE PROJECT LIMITS AT ALL TIMES AND SHALL COORDINATE WITH LOCAL AGENCIES, LAW ENFORCEMENT, AND EMERGENCY SERVICES AS REQUIRED.




**AIRCRAFT SPEED MEASUREMENT MARKINGS**

NOTES:
1) AIRCRAFT SPEED MEASUREMENT MARKINGS SHALL BE MAINTAINED IN BOTH DIRECTIONS OF TRAVEL ON I-70 AT ALL TIMES DURING CONSTRUCTION.
2) INSTALLATION OF AIRCRAFT SPEED MEASEUMENT MARKINGS SHALL BE AT LOCATIONS DETERMINED BY THE MISSOURI STATE HIGHWAY PATROL.
3) INSTALLATION AND MAINTENANCE OF AIRCRAFT SPEED MEASEMENT MARKINGS SHALL BE SUBSIDIARY TO THE TRAFFIC CONTROL BID ITEM.

STATE OF MISSOURI
RONNIE WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
11/25/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 91 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

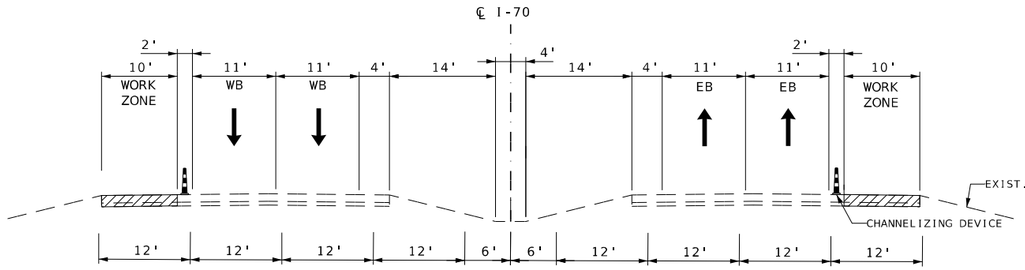
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

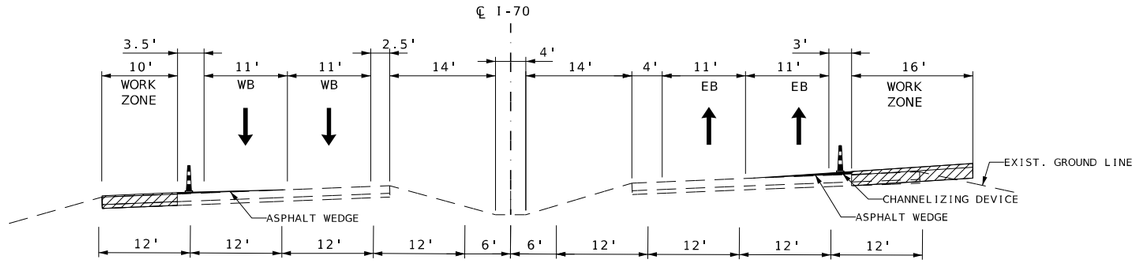
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 0

| EB TEMP SHOULDER STA. | WB TEMP SHOULDER STA. |
|---|---|
| 807+30 TO 819+10 | 807+30 TO 819+10 |
| 900+30 TO 912+30 | 900+50 TO 912+10 |
| 1050+80 TO 1061+10 | 1049+20 TO 1061+70 |
| 1226+70 TO 1238+80 | 1226+80 TO 1238+70 |
| 1317+60 TO 1329+70 | 1317+80 TO 1329+50 |



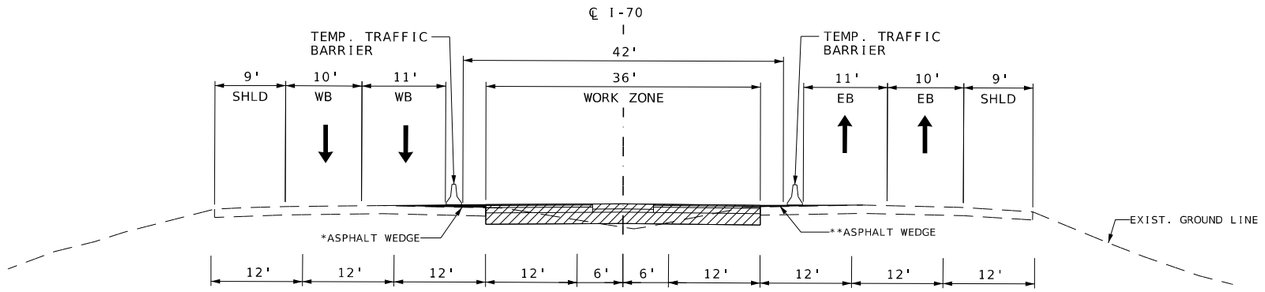

SECTION ON CURVE
TYPICAL SECTION I-70
PHASE 0

EB ULTIMATE PAVEMENT WITH
STRENGTHENED SHOULDER STA
1361+50 TO 1378+70
1393+20 TO 1425+00

EB ULTIMATE PAVEMENT WITH A2
SHOULDER STA
1378+70 TO 1393+20

WB ULTIMATE PAVEMENT WITH
STRENGTHENED SHOULDER STA
1363+00 TO 1425+45

SEE ROADWAY TYPICAL SECTION FOR
PAVEMENT SECTION DETAILS

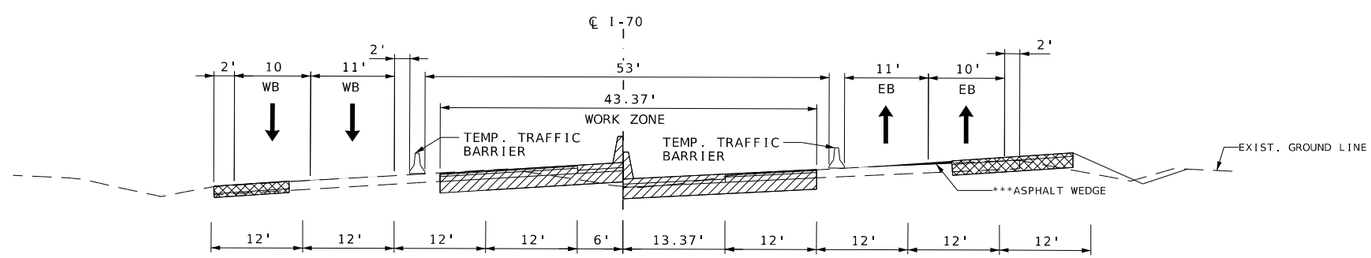



SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 1

* ASPHALT WEDGE INSIDE LEFT
STA. 786+90 TO STA. 809+70
STA. 820+30 TO STA. 866+40
STA. 867+80 TO STA. 902+00
STA. 909+60 TO STA. 922+41
STA. 925+60 TO STA. 969+33
STA. 971+20 TO STA. 1041+00
STA. 1054+80 TO STA. 1057+32
STA. 1072+50 TO STA. 1225+30
STA. 1248+30 TO STA. 1295+90
STA. 1387+38 TO STA. 1397+27

** ASPHALT WEDGE INSIDE RIGHT
STA. 786+90 TO STA. 808+20
STA. 822+28 TO STA. 865+50
STA. 867+84 TO STA. 892+80
STA. 913+50 TO STA. 914+90
STA. 924+40 TO STA. 1042+70
STA. 1053+60 TO STA. 1057+90
STA. 1067+40 TO STA. 1225+30
STA. 1248+30 TO STA. 1295+90
STA. 1374+44 TO STA. 1397+27

*** ASPHALT WEDGE OUTSIDE RIGHT
STA. 1372+70 TO STA. 1395+70




SECTION ON CURVE
TYPICAL SECTION I-70
PHASE 1

MOT TYPICAL SECTION
SHEET 1 OF 3

RONNIE WILLIAMS
NUMBER PE-2010000879
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

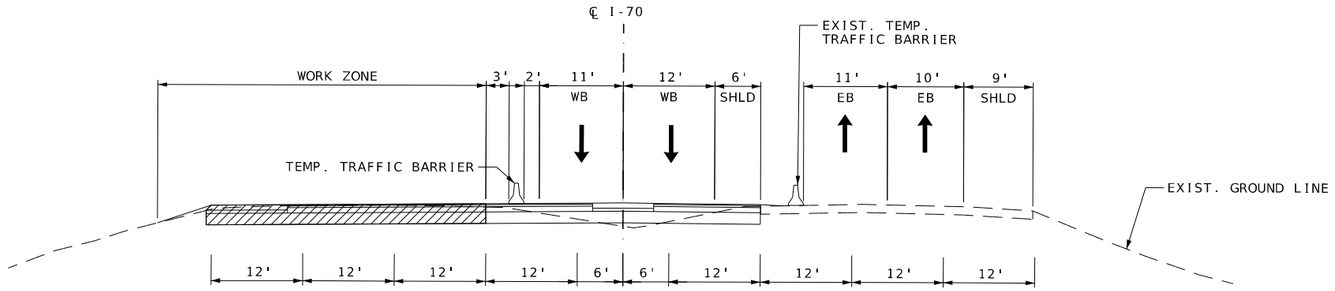
DATE PREPARED: 11/25/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 92
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE

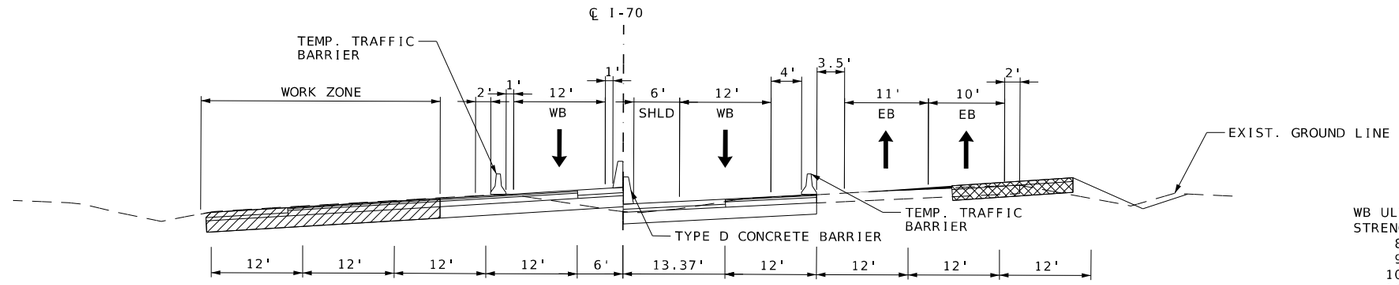
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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(816) 333-9400
Certificate of Authority No.: 000165

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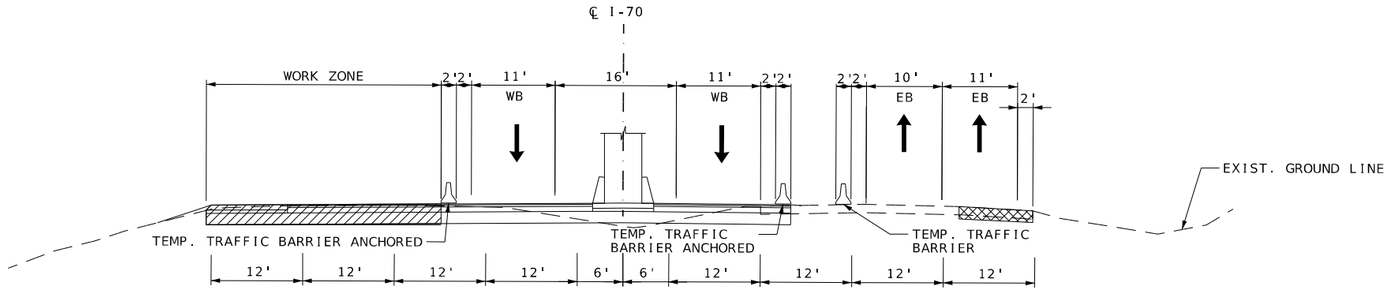

SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 2




SECTION ON CURVE
TYPICAL SECTION I-70
PHASE 2

WB ULTIMATE PAVEMENT WITH
STRENGTHENED SHOULDER STA
807+90 TO 818+60
901+00 TO 910+40
1050+90 TO 1060+60
1227+40 TO 1236+90
1318+90 TO 1328+40

SEE ROADWAY TYPICAL SECTION FOR
PAVEMENT SECTION DETAILS




SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 2
STA. 810+29 TO 816+16
STA. 897+79 TO 903+29
STA. 1052+99 TO 1058+80
STA. 1321+42 TO 1326+20

MOT TYPICAL SECTION
SHEET 2 OF 3

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 93 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

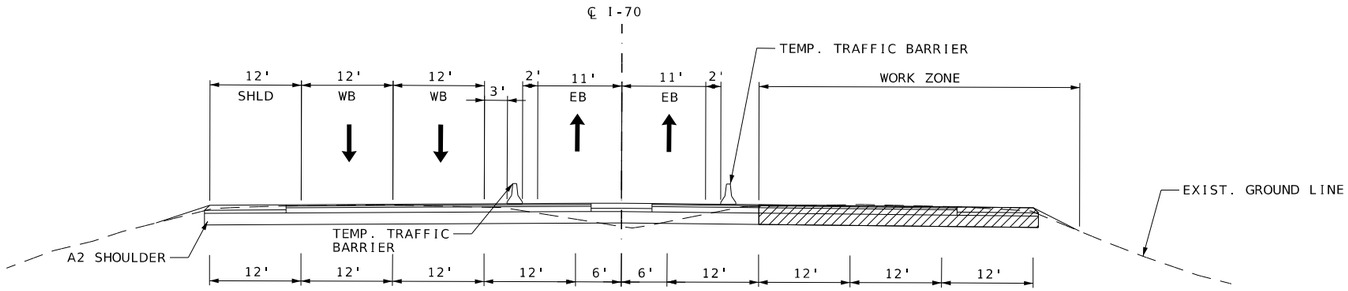
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BRIDGE NO.
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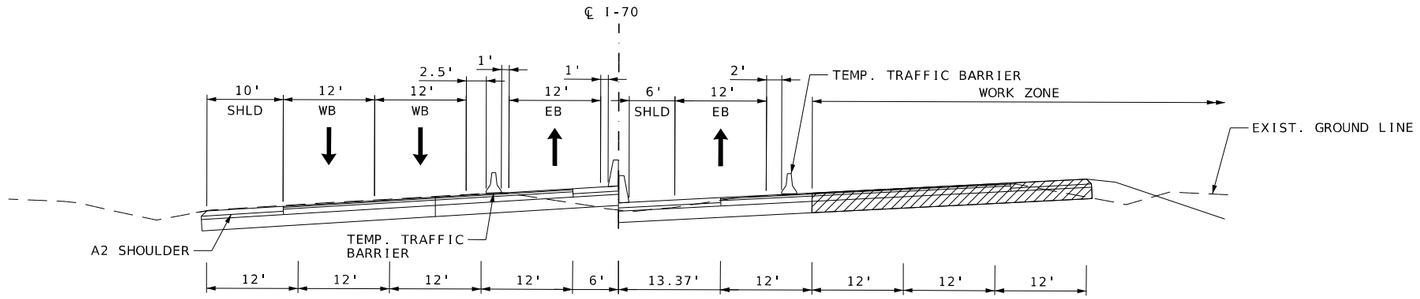
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

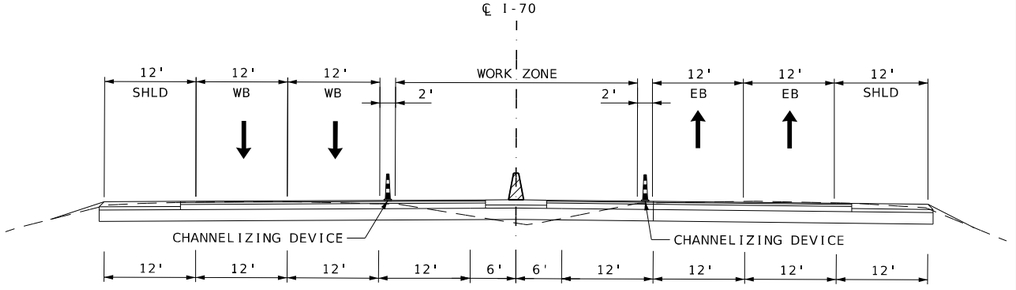
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165



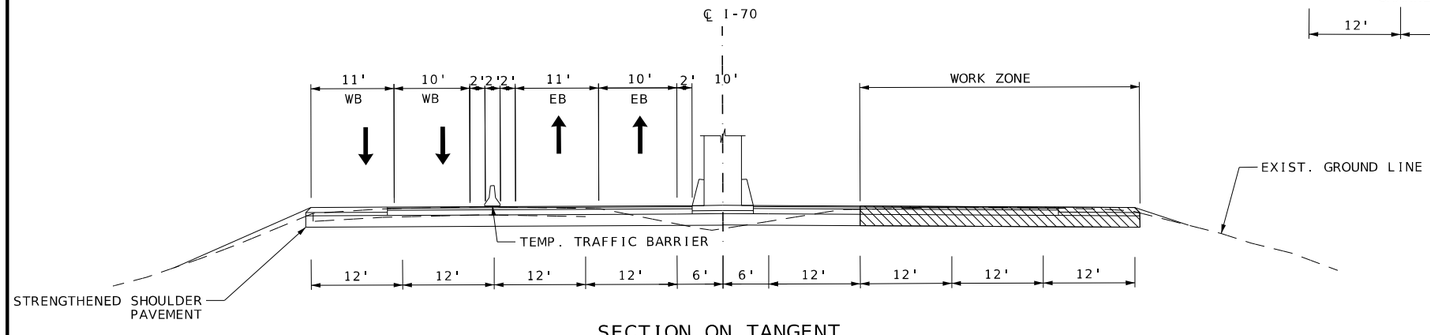

SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 3




SECTION ON CURVE
TYPICAL SECTION I-70
PHASE 3




SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 4




SECTION ON TANGENT
TYPICAL SECTION I-70
PHASE 3
STA. 810+33 TO 816+17
STA. 903+20 TO 909+37
STA. 1052+73 TO 1058+84
STA. 1320+71 TO 1326+77

MOT TYPICAL SECTION
SHEET 3 OF 3

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 94 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

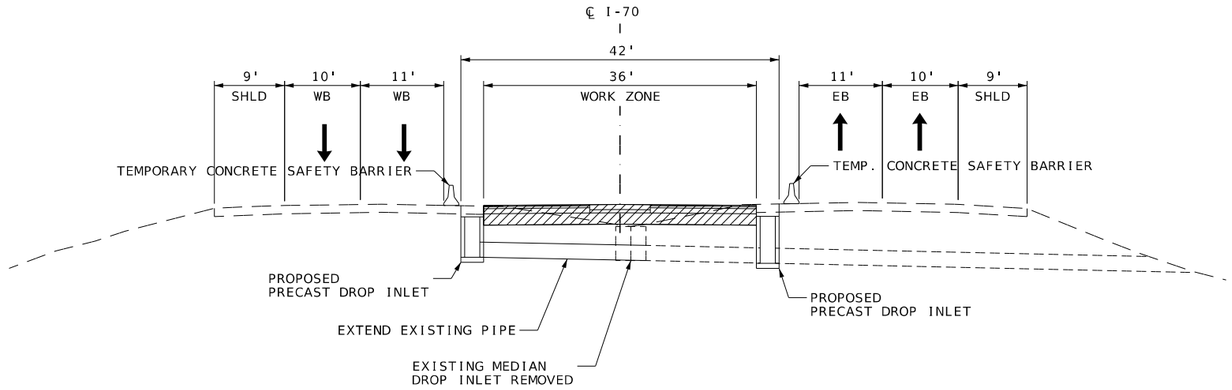
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| DESCRIPTION | DATE |
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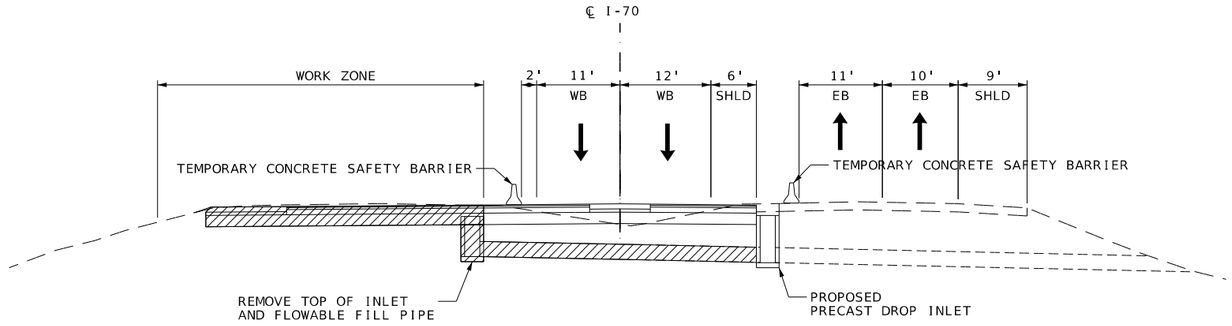
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

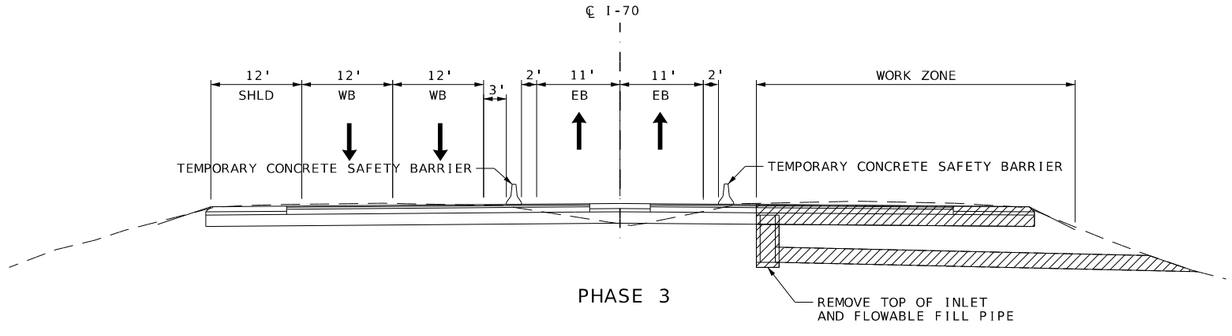
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PHASE 1




PHASE 2




PHASE 3

MOT TYPICAL SECTION - DRAINAGE
SHEET 1 OF 1

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 95 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

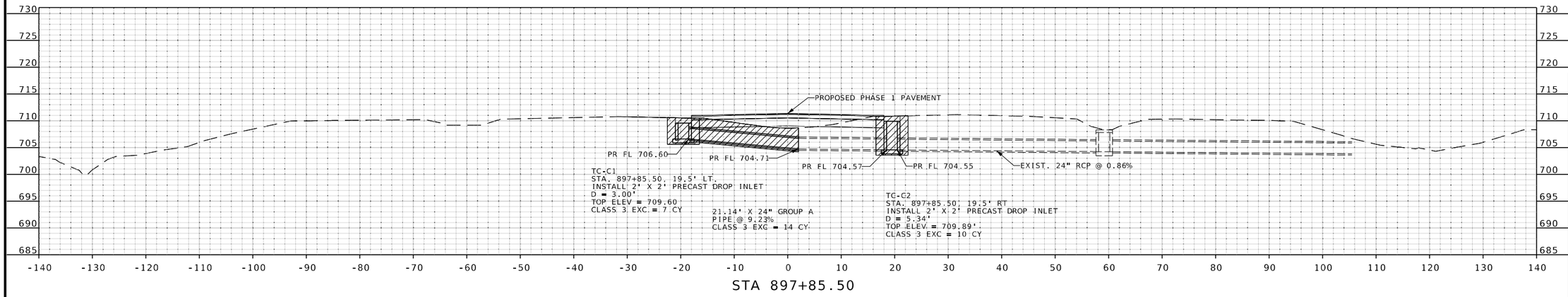
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BRIDGE NO.
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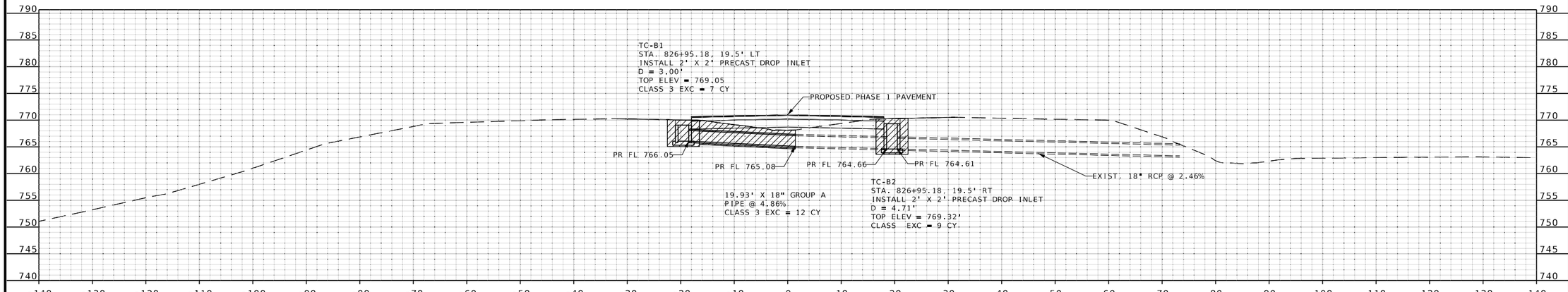
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

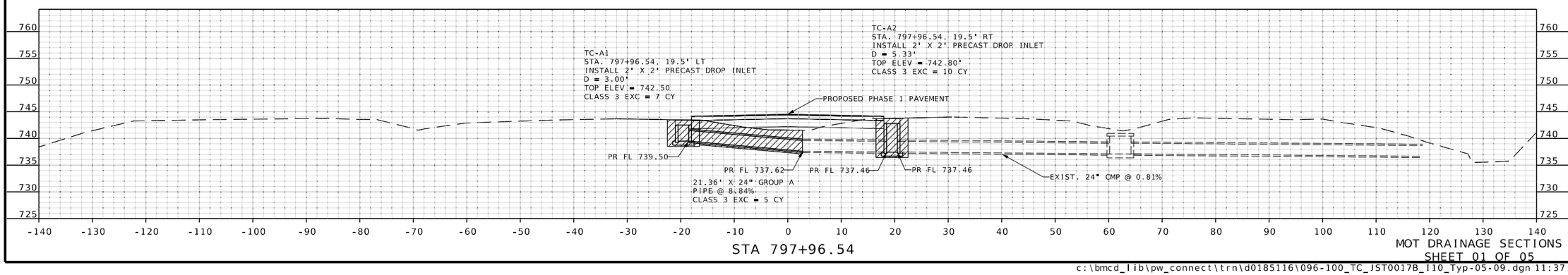
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




STA 897+85.50




STA 826+95.18




STA 797+96.54

MOT DRAINAGE SECTIONS
SHEET 01 OF 05

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 96 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

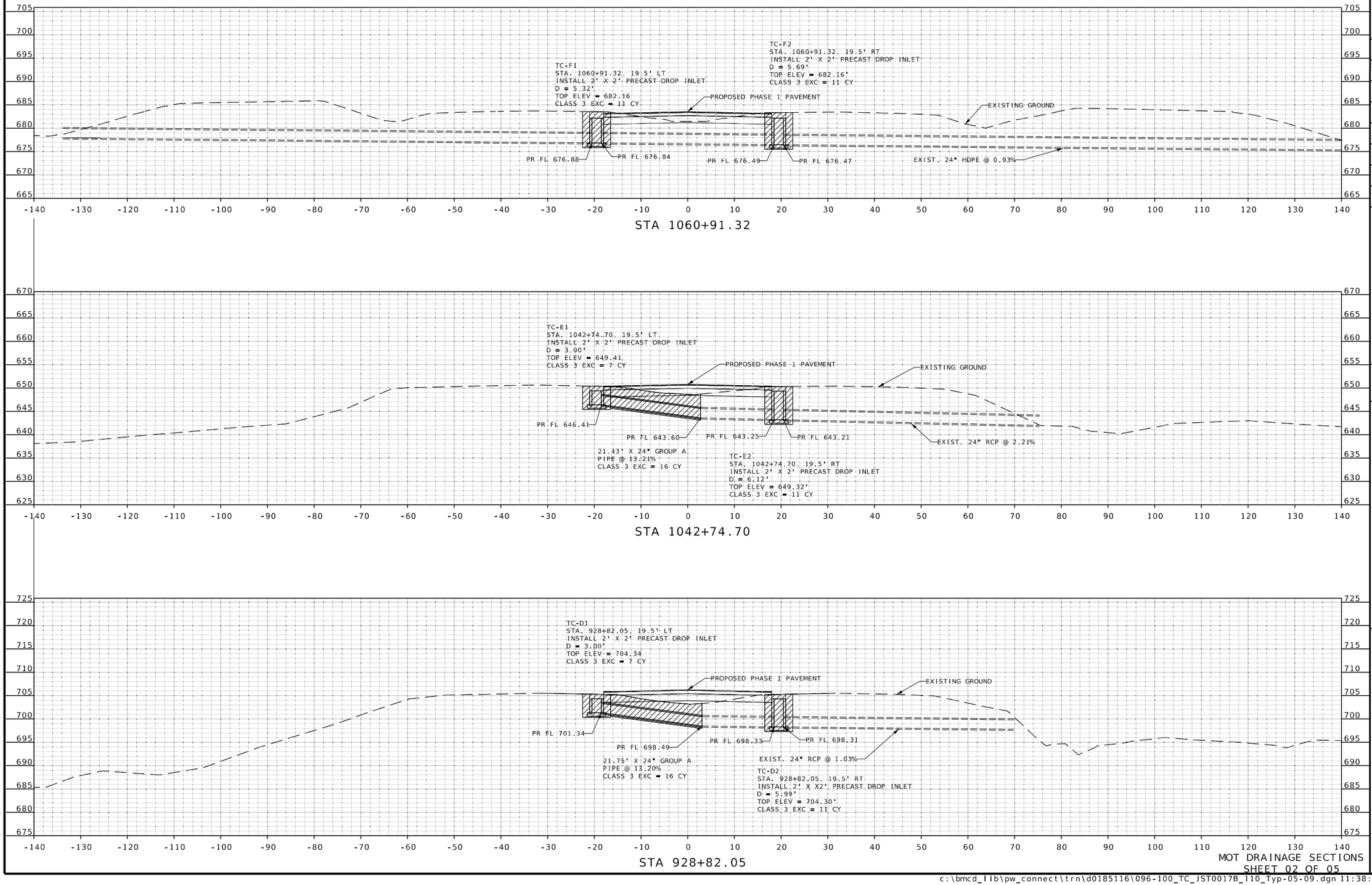
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




MOT DRAINAGE SECTIONS
SHEET 02 OF 05

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 97 |

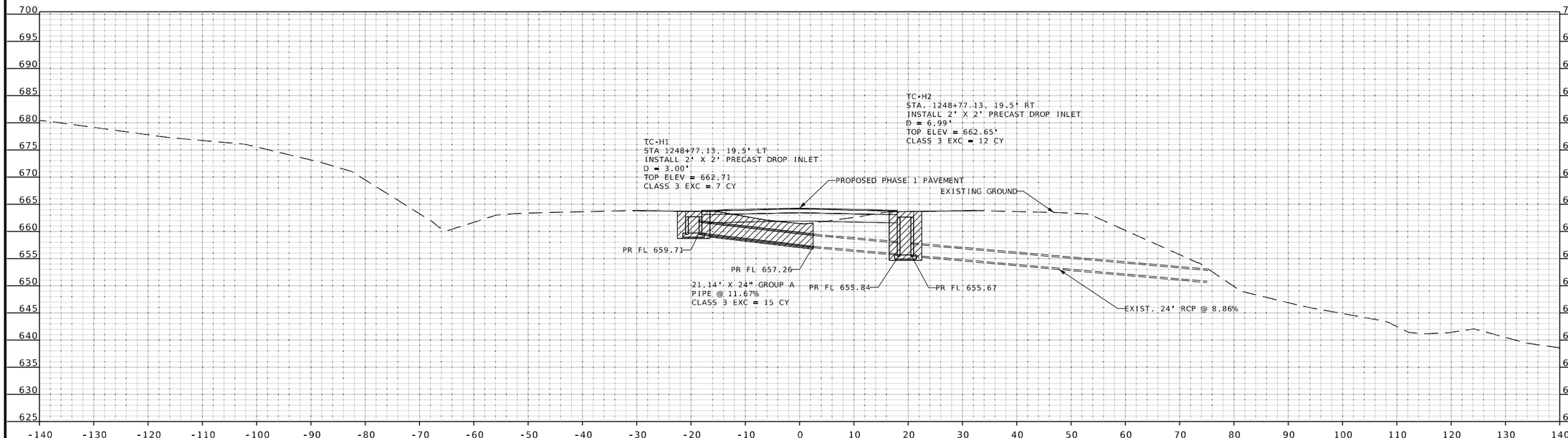
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

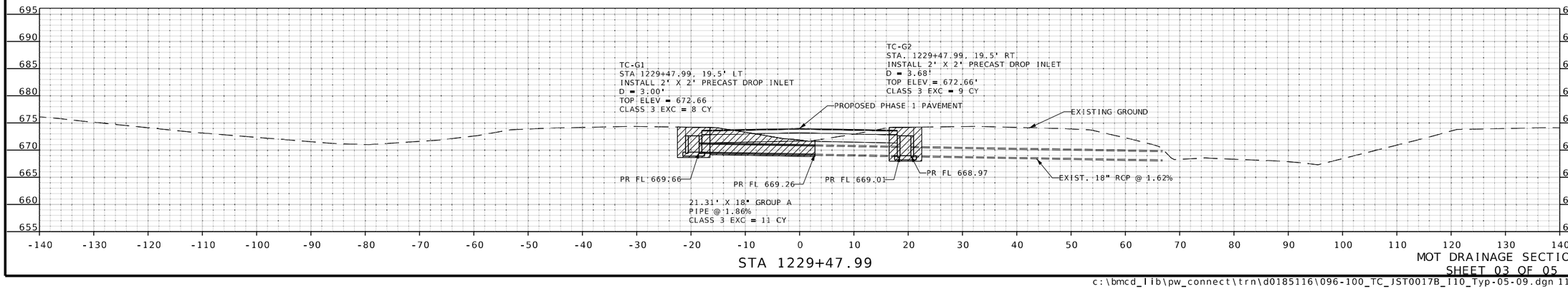
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STA 1248+77.13




STA 1229+47.99

MOT DRAINAGE SECTIONS
SHEET 03 OF 05

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 98 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

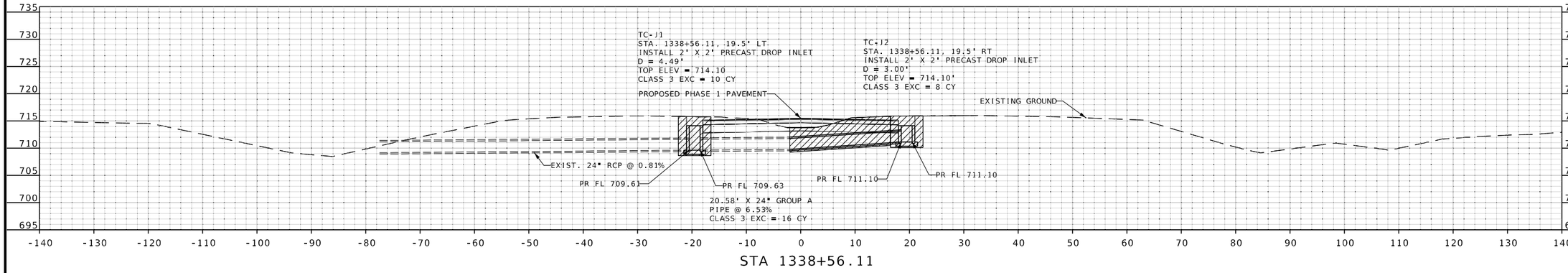
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BRIDGE NO.
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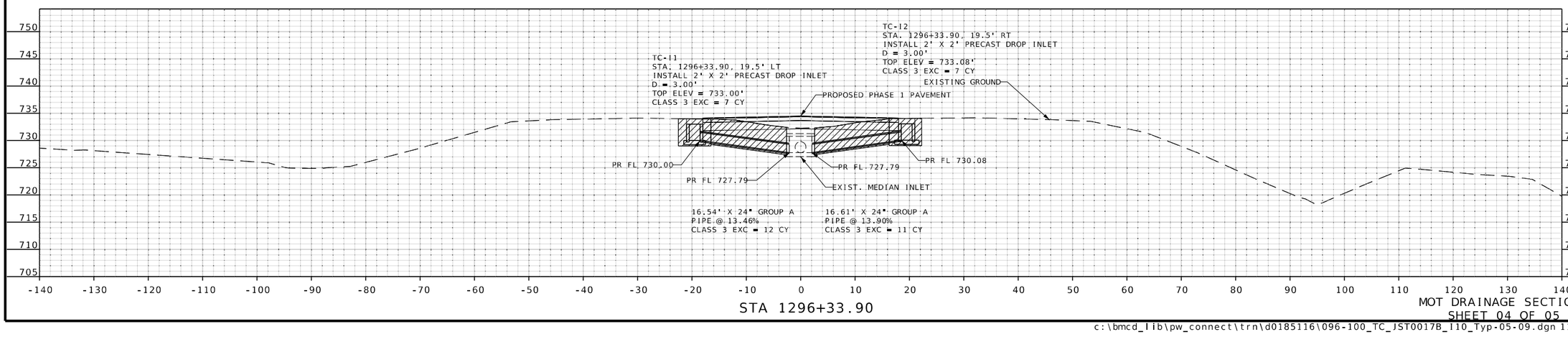
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




STA 1338+56.11




STA 1296+33.90

MOT DRAINAGE SECTIONS
SHEET 04 OF 05

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 99 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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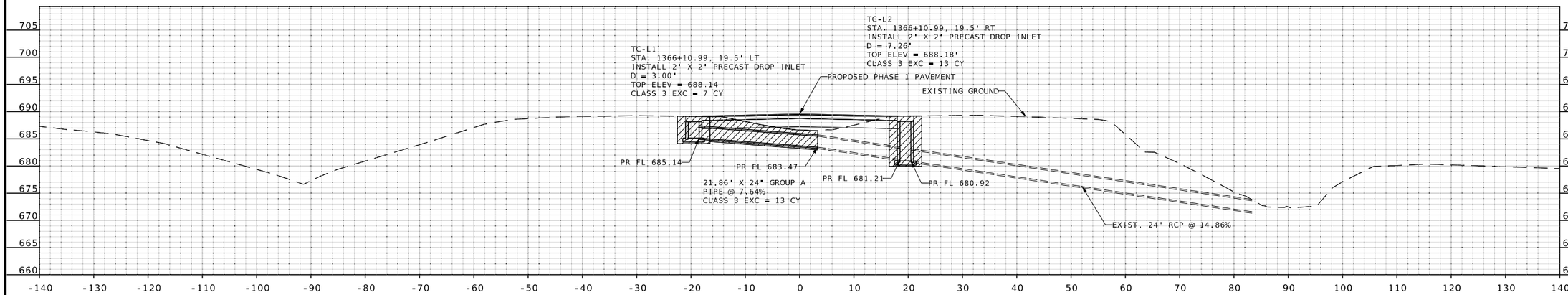
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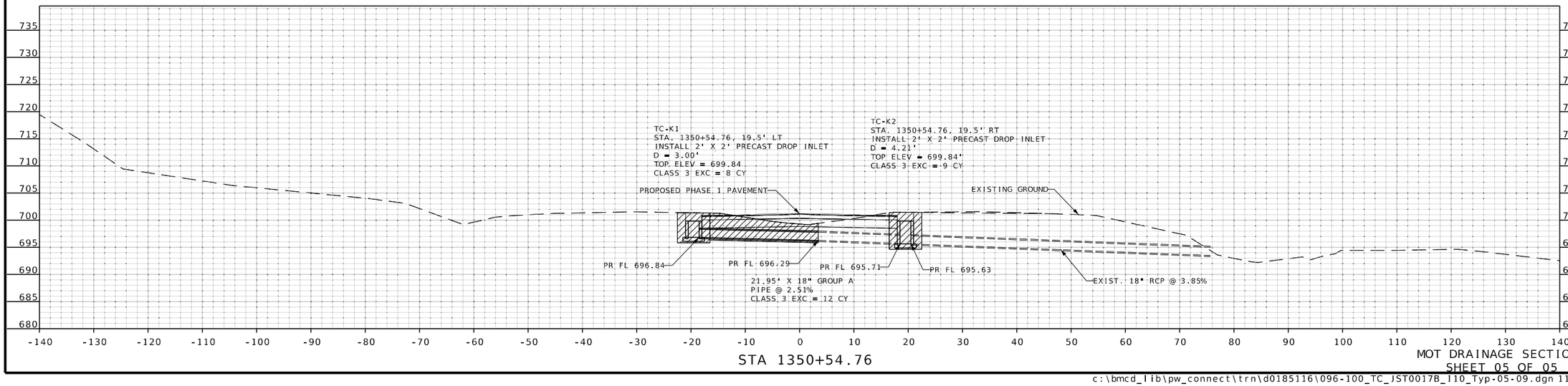
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 100 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

MOT DRAINAGE SECTIONS
SHEET 05 OF 05

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WO20-1

01




WO3-5

02




R2-1

03



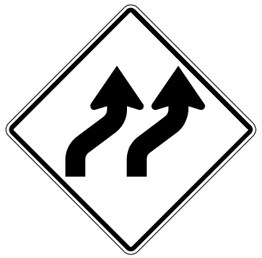

WO3-5

04



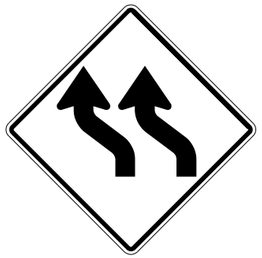

R2-1

05



WO1-4bR

06



WO1-4bL

07




GO20-2

08




WO21-5aR

09




GO20-5aP

10




WO13-1

11




WO16-2

12




WO7-3a

13




WO20-2

14




SP-2

15




SP-3

16

## TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- LONG TERM RUMBLE STRIPS

TUBULAR MARKERS

FLASHING ARROW PANEL

CHANNELIZERS

DIRECTIONAL INDICATORS
BARRICADES

WORK ZONE
CRASH CUSHION

CHANGEABLE
MESSAGE SIGN (CMS)

MOVABLE
BARRICADE

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 101 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165



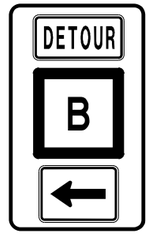
SP-4
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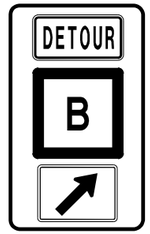
SP-5
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SP-6
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SP-7
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SP-8
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SP-9
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SP-10
23



SP-11
24



E05-2e
26



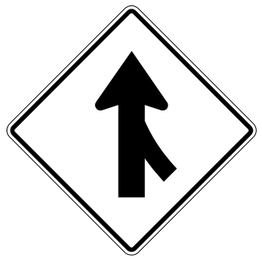
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M04-10R
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CONST-8
29


W04-1R
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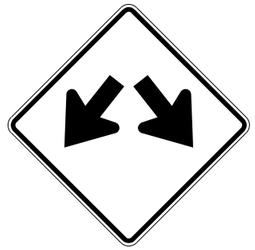


R1-2
31



W021-5bR
32


W9-3A
33


W012-1
34



SP-12
35



SP-13
36



SP-14
37



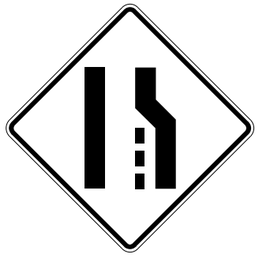
SP-15
38



R2-1
39



E05-1
40


W04-2R
50



W020-5
51

## TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- LONG TERM RUMBLE STRIPS

TUBULAR MARKERS

FLASHING ARROW PANEL

CHANNELIZERS

DIRECTIONAL INDICATORS
BARRICADES

WORK ZONE
CRASH CUSHION

CHANGEABLE
MESSAGE SIGN (CMS)

MOVABLE
BARRICADE

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 102 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

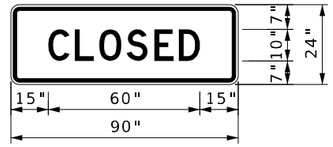
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

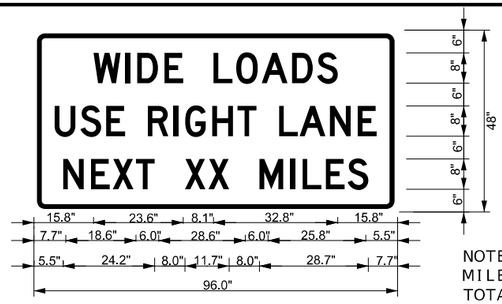
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




9.00" RADIUS, 2.00" BORDER, BLACK ON ORANGE
"CLOSED", FONT C
SPECIAL "CLOSED" SIGN

(52)

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
OVER EXISTING EXIT GUIDE SIGNS
FOR RAMP CLOSURE.

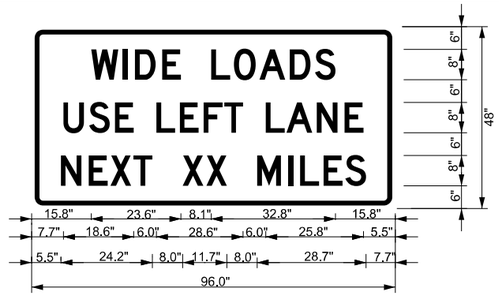



3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON ORANGE:
"WIDE LOADS", D 2K; "USE RIGHT LANE", D 2K; "NEXT XX MILES", D 2K

SP-16

(53)

NOTE:
MILES TO CHANGE BASED UPON
TOTAL WORK ZONE LENGTH.

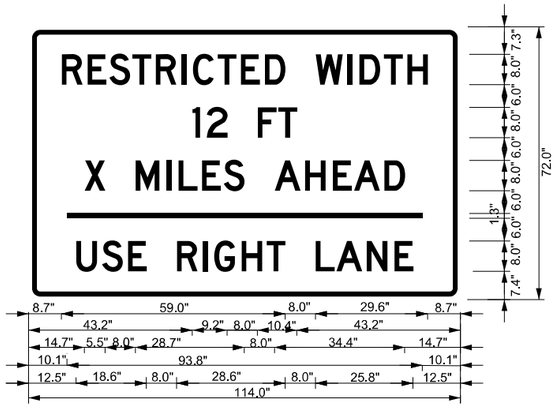



3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON ORANGE:
"WIDE LOADS", D 2K; "USE LEFT LANE", D 2K; "NEXT XX MILES", D 2K

SP-17

(54)

NOTE:
MILES TO CHANGE BASED UPON
TOTAL WORK ZONE LENGTH.

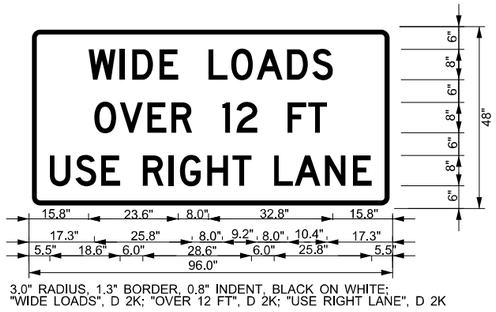



3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON ORANGE:
"RESTRICTED WIDTH", D 2K; "12 FT", D 2K; "X MILES AHEAD", D 2K; "USE RIGHT LANE", D 2K

SP-20

(57)

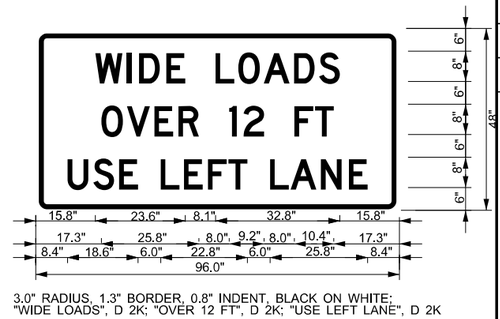
NOTE:
MILES TO CHANGE BASED UPON
DISTANCE FROM WORK ZONE. PLACE
FROM BEGINNING OF WORK ZONE 1
MILE OUT, 2 MILES OUT, 4 MILES
OUT.




3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE:
"WIDE LOADS", D 2K; "OVER 12 FT", D 2K; "USE RIGHT LANE", D 2K

SP-18

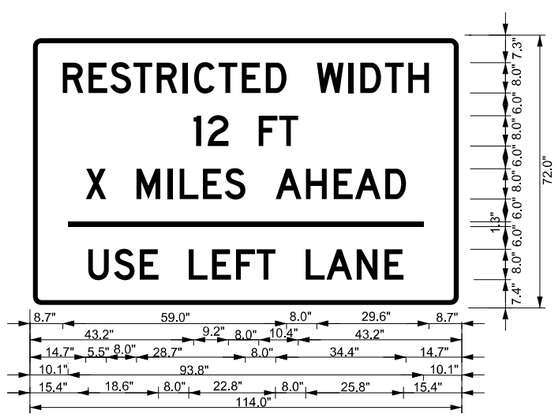
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3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON WHITE:
"WIDE LOADS", D 2K; "OVER 12 FT", D 2K; "USE LEFT LANE", D 2K

SP-19

(56)




3.0" RADIUS, 1.3" BORDER, 0.8" INDENT, BLACK ON ORANGE:
"RESTRICTED WIDTH", D 2K; "12 FT", D 2K; "X MILES AHEAD", D 2K; "USE LEFT LANE", D 2K

SP-21

(58)

NOTE:
MILES TO CHANGE BASED UPON
DISTANCE FROM WORK ZONE. PLACE
FROM BEGINNING OF WORK ZONE 1
MILE OUT, 2 MILES OUT, 4 MILES
OUT.

## TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- LONG TERM RUMBLE STRIPS
- TUBULAR MARKERS
- FLASHING ARROW PANEL
- CHANNELIZERS
- DIRECTIONAL INDICATORS BARRICADES
- WORK ZONE CRASH CUSHION
- CHANGEABLE MESSAGE SIGN (CMS)
- MOVABLE BARRICADE

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 103 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

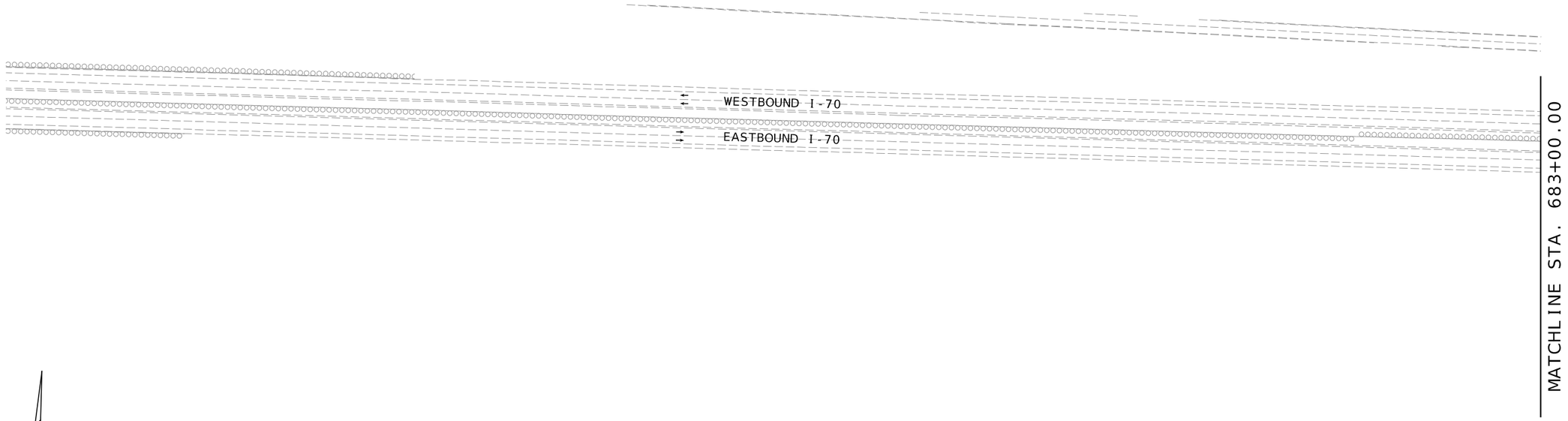
| DATE | DESCRIPTION |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

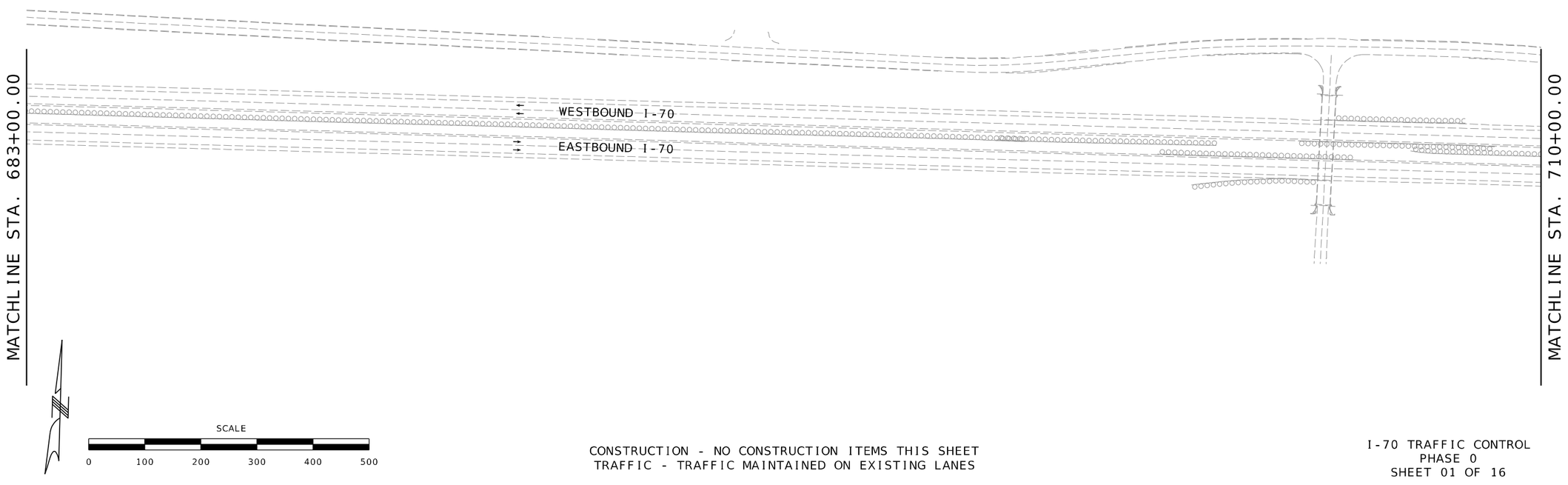
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

c:\bmcd_lib\pw_connect\trn\d0185116\103_TC_JST0017B_DT_03.dgn 11:38:55 AM 10/27/2025




CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES




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TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 01 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 104 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

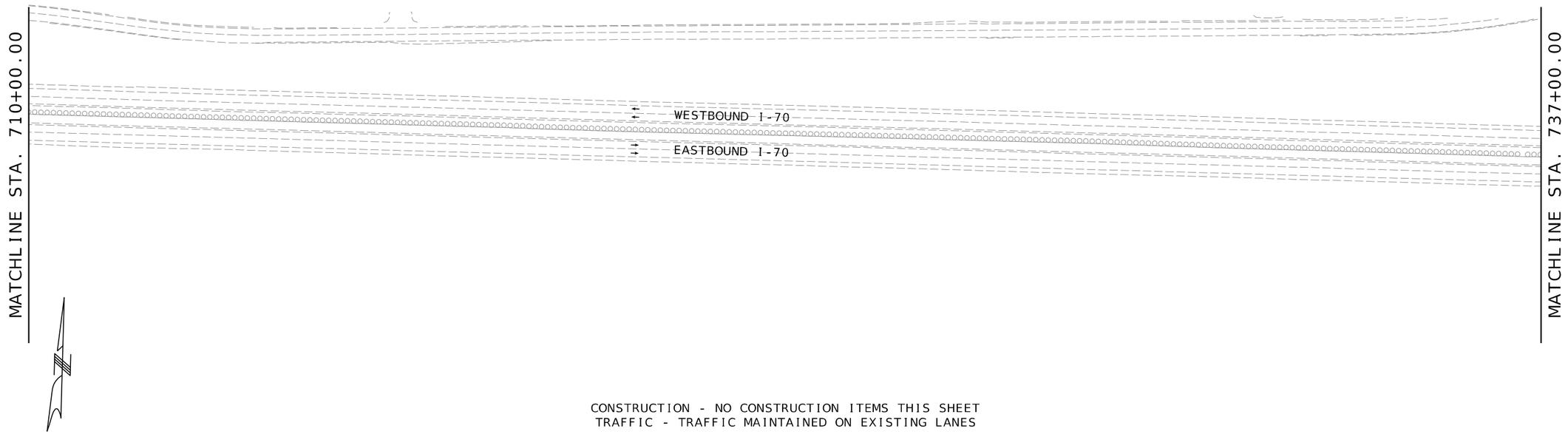
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| DESCRIPTION | DATE |
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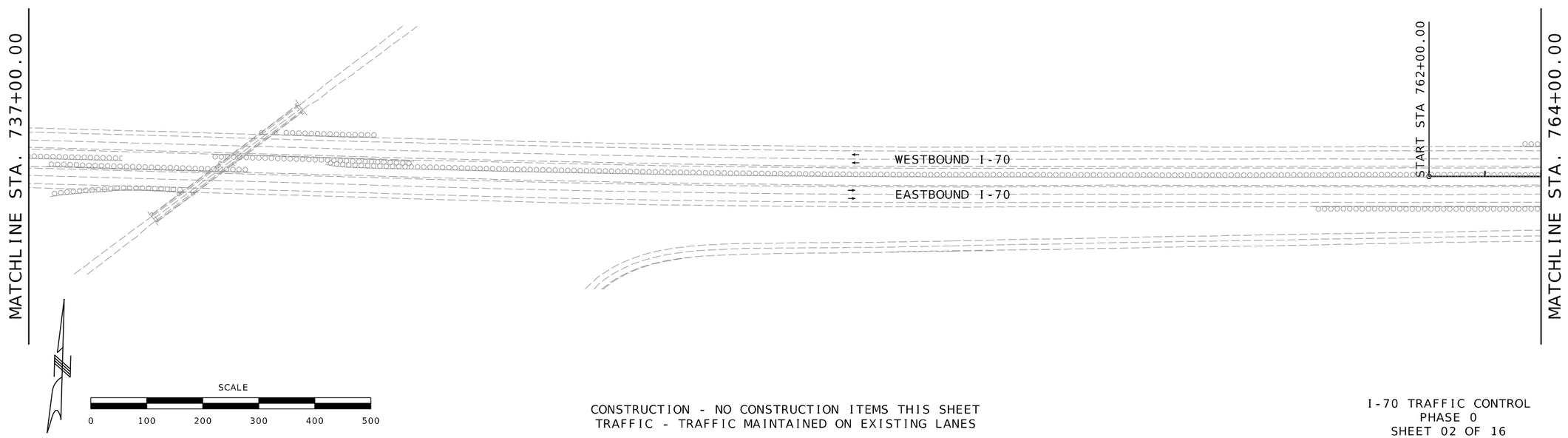
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 02 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 105 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

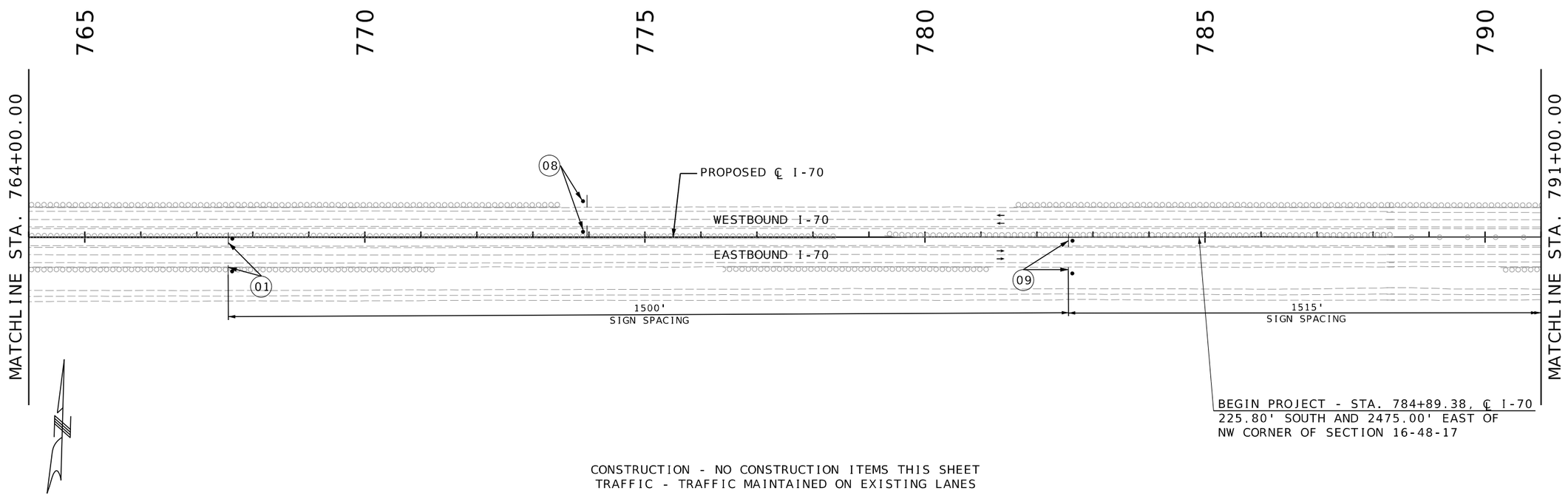
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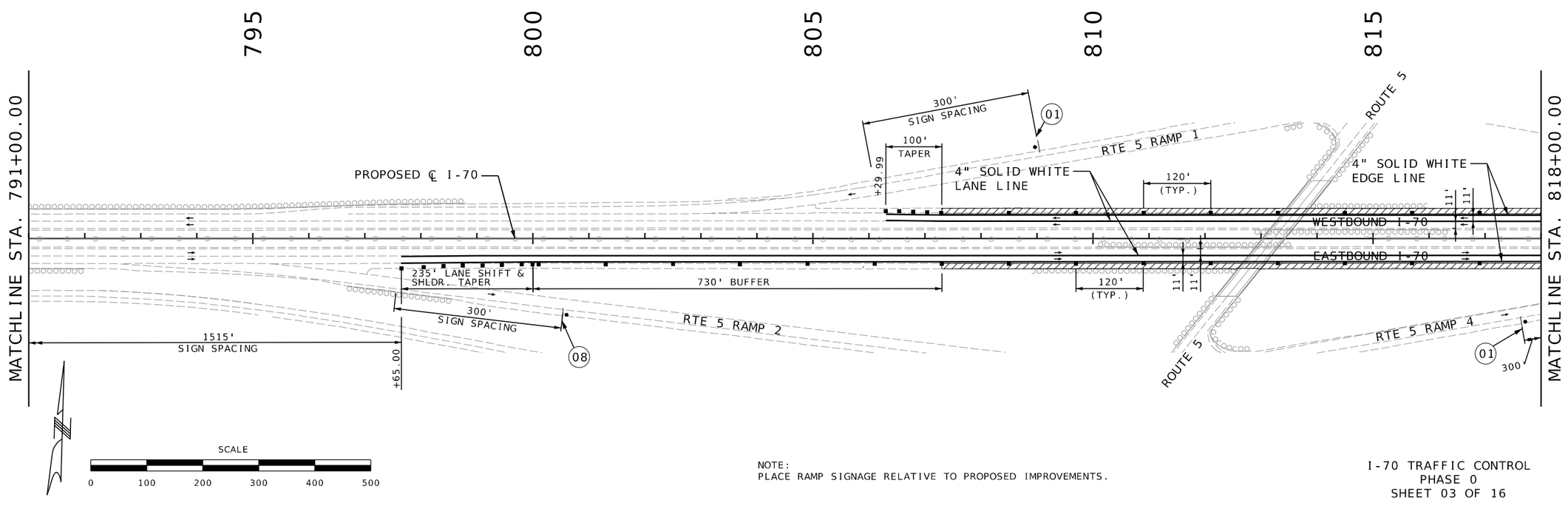
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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9400 Ward Parkway
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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 03 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 106 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

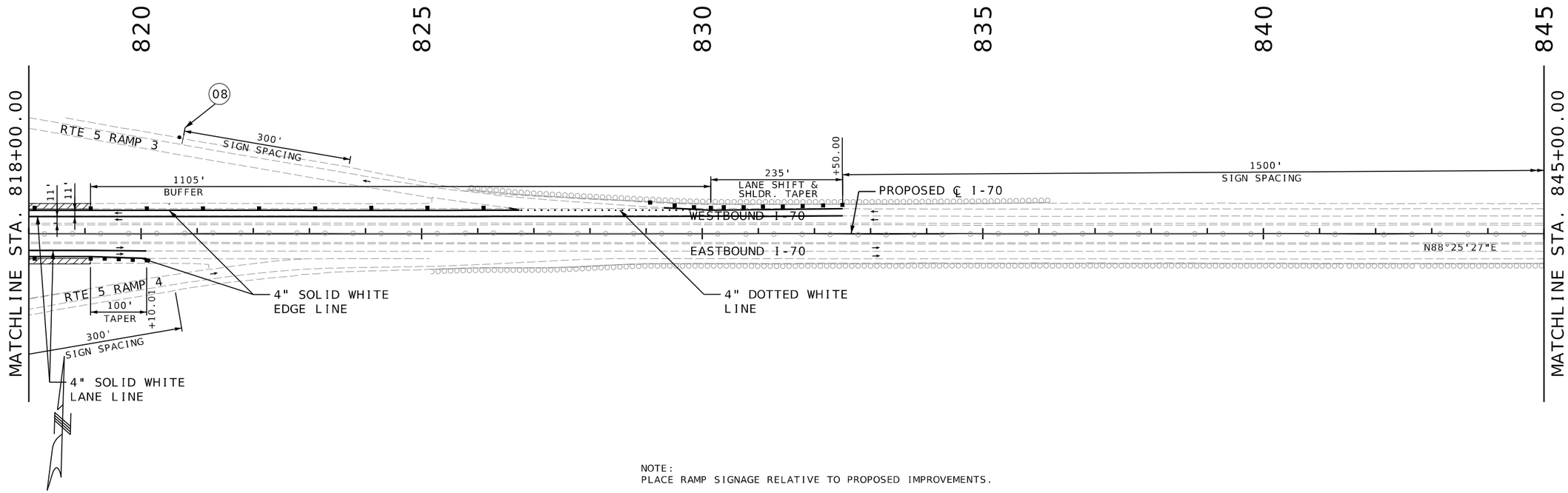
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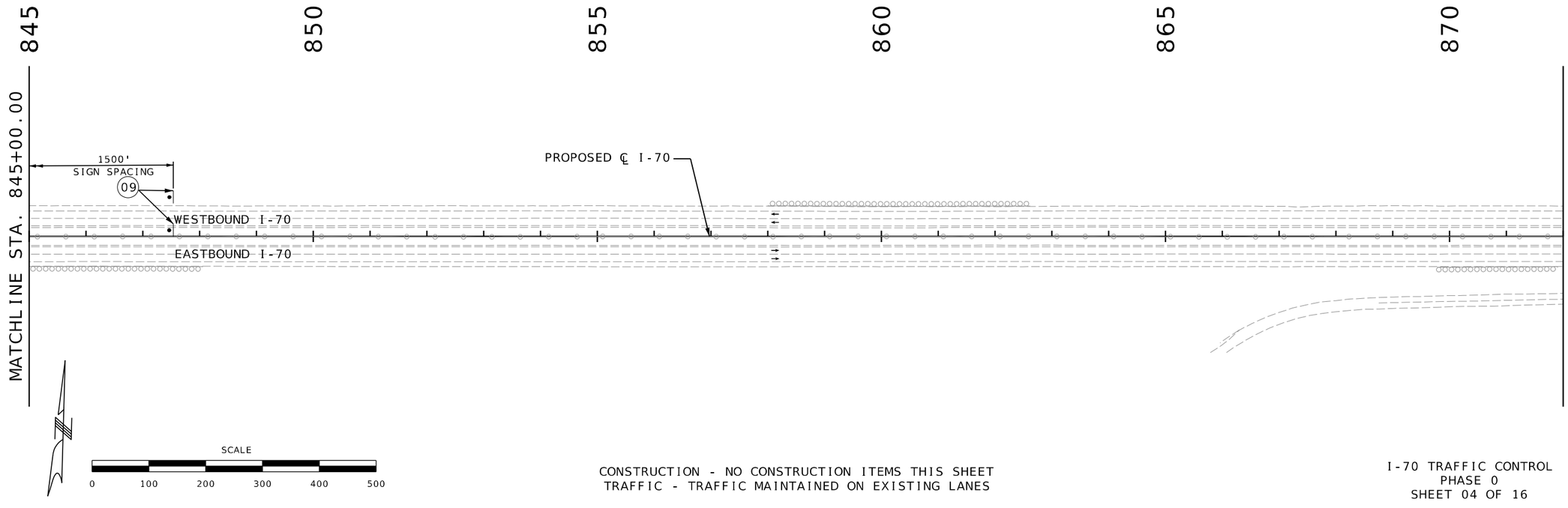
| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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No.: 000165




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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 04 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

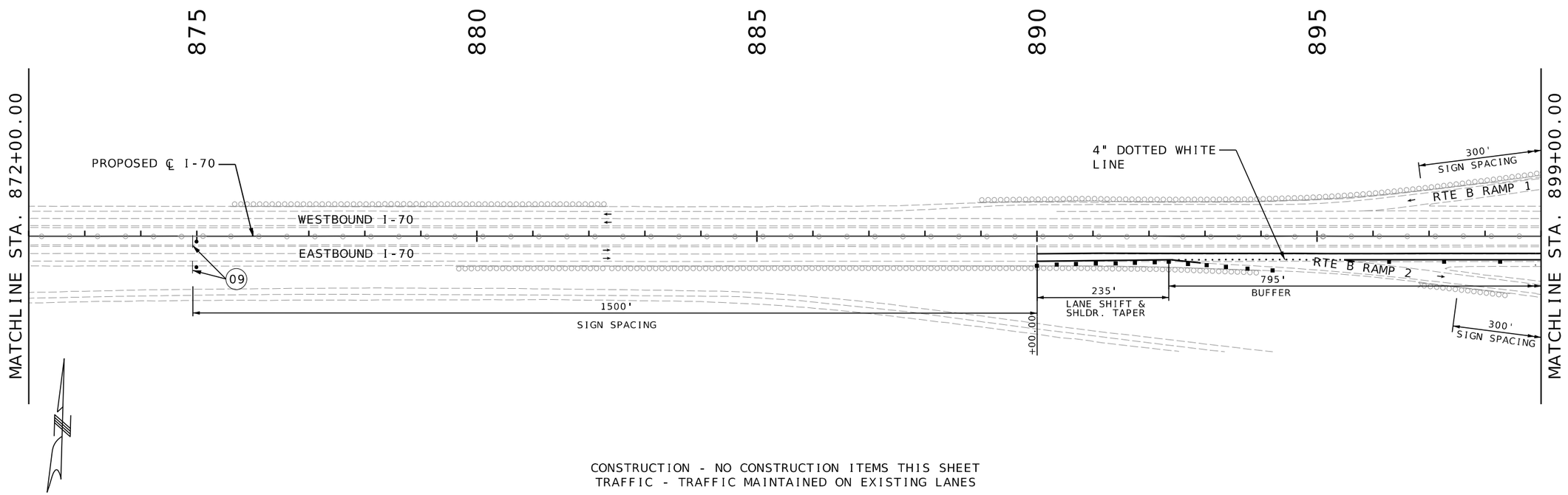
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 107 |
| COUNTY | |
| COOPER | |
| JOB NO. | |
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| CONTRACT ID. | |
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| BRIDGE NO. | |
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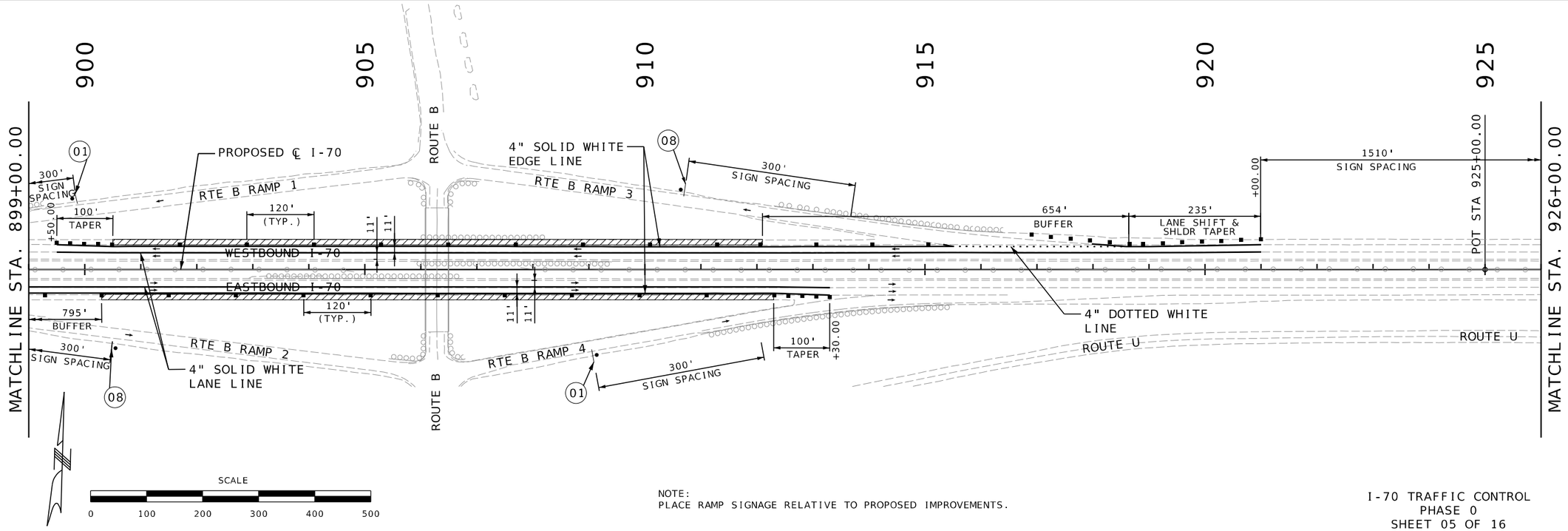
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 05 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 108 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

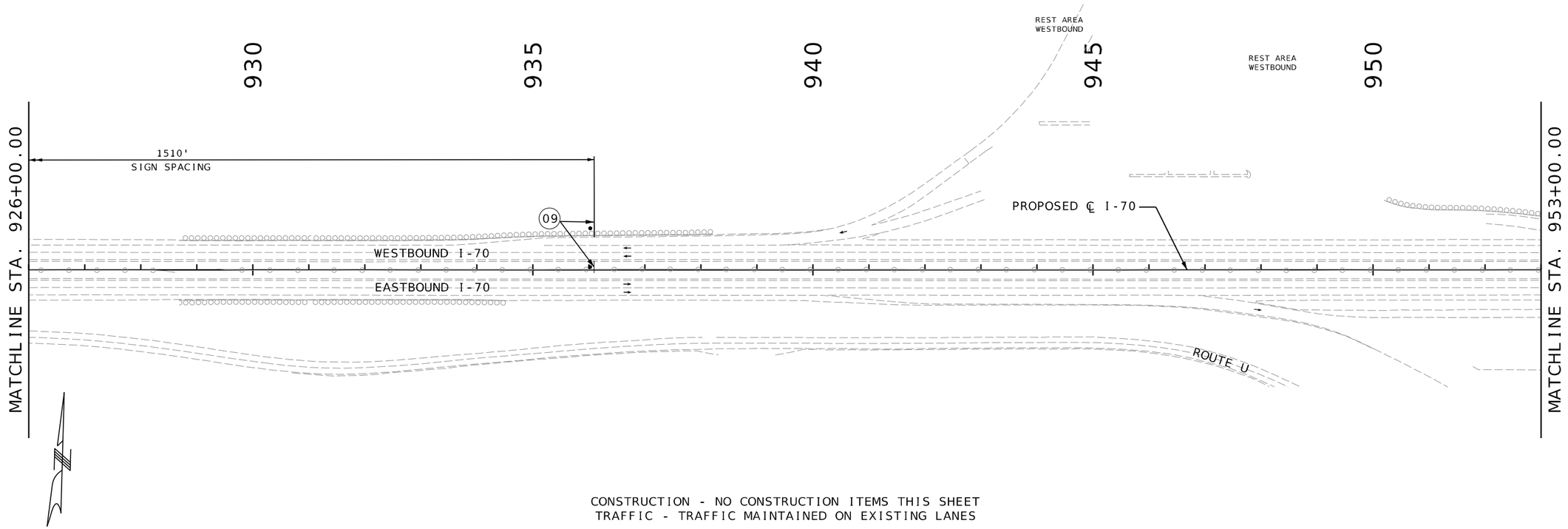
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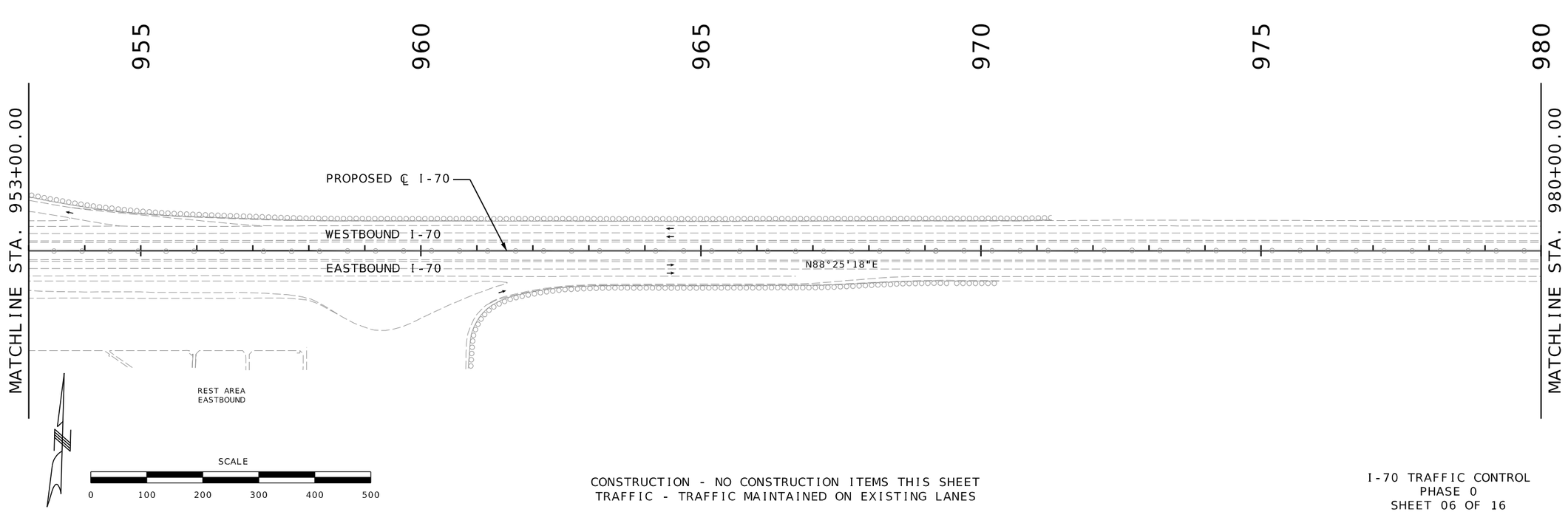
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 06 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 109 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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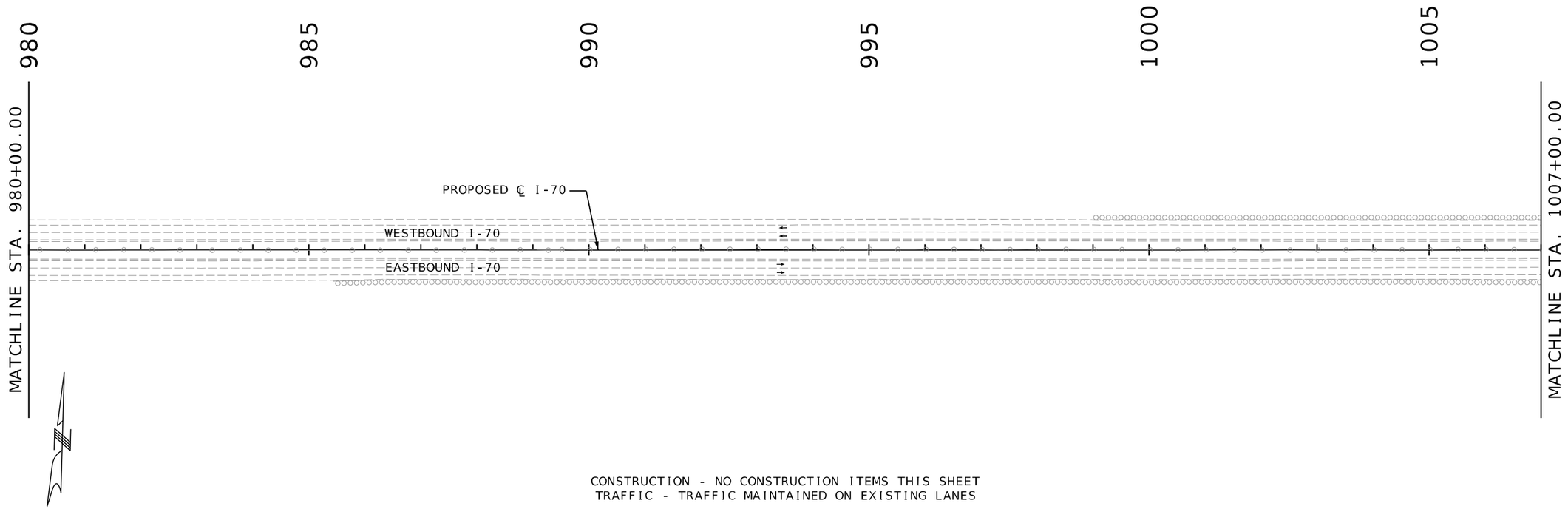
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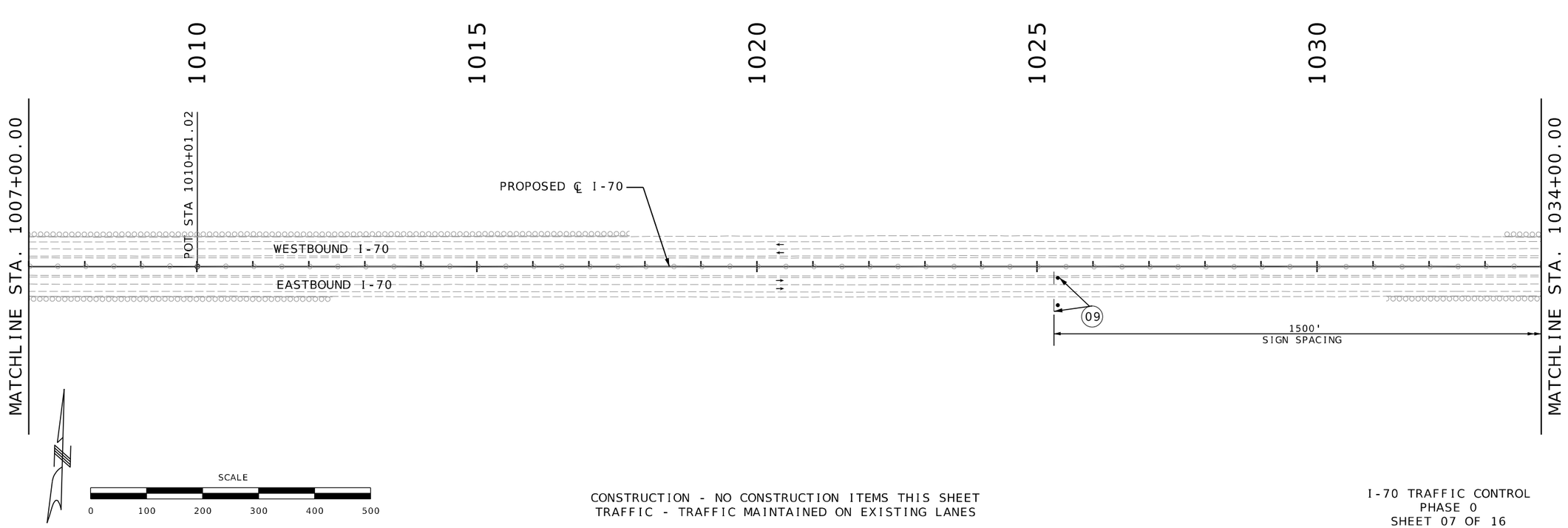
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 07 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 110 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

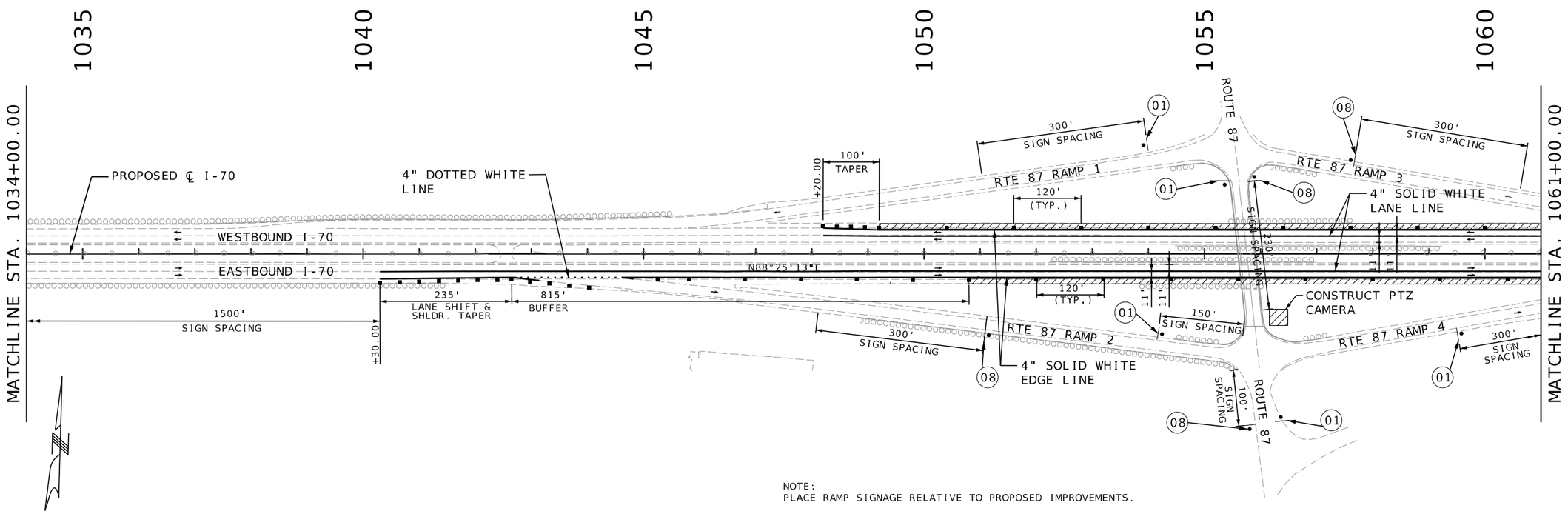
BRIDGE NO.
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| DATE | DESCRIPTION |
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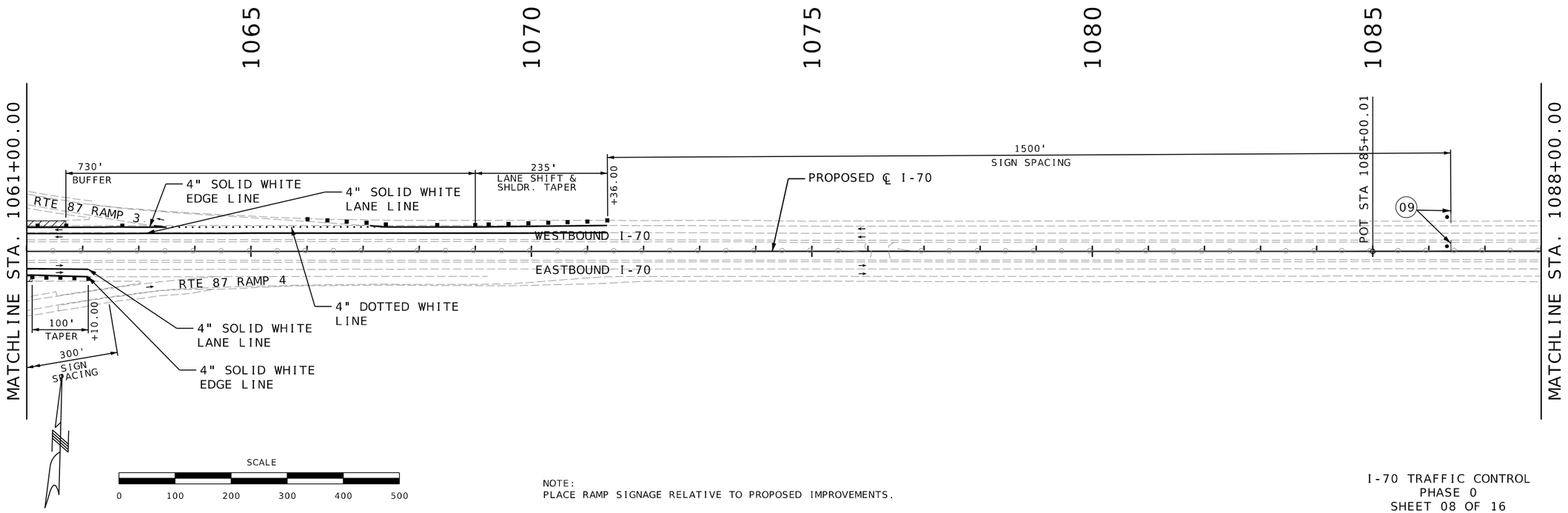
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 08 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

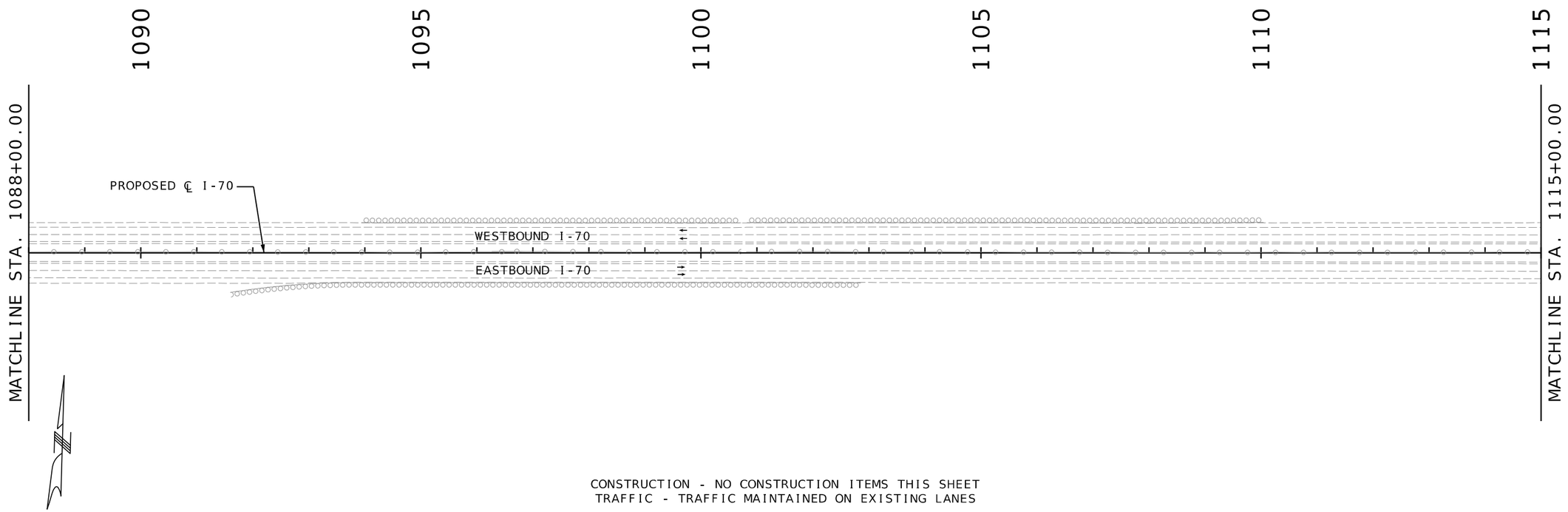
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 111 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

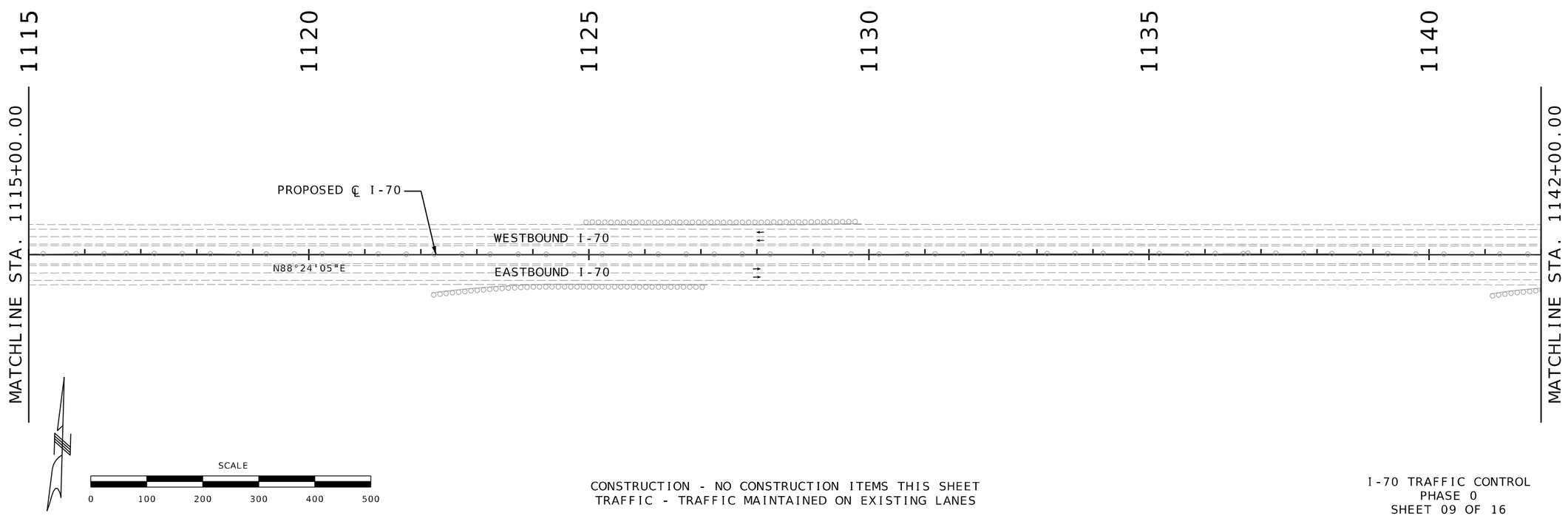
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 09 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 112 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

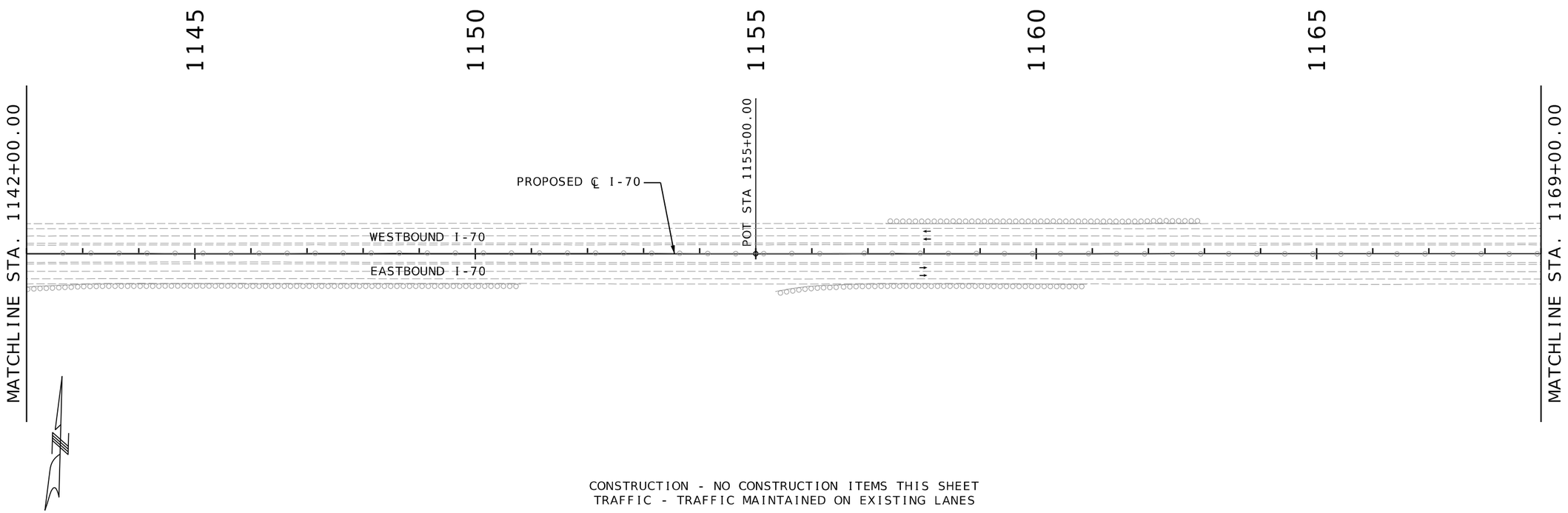
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| DESCRIPTION | DATE |
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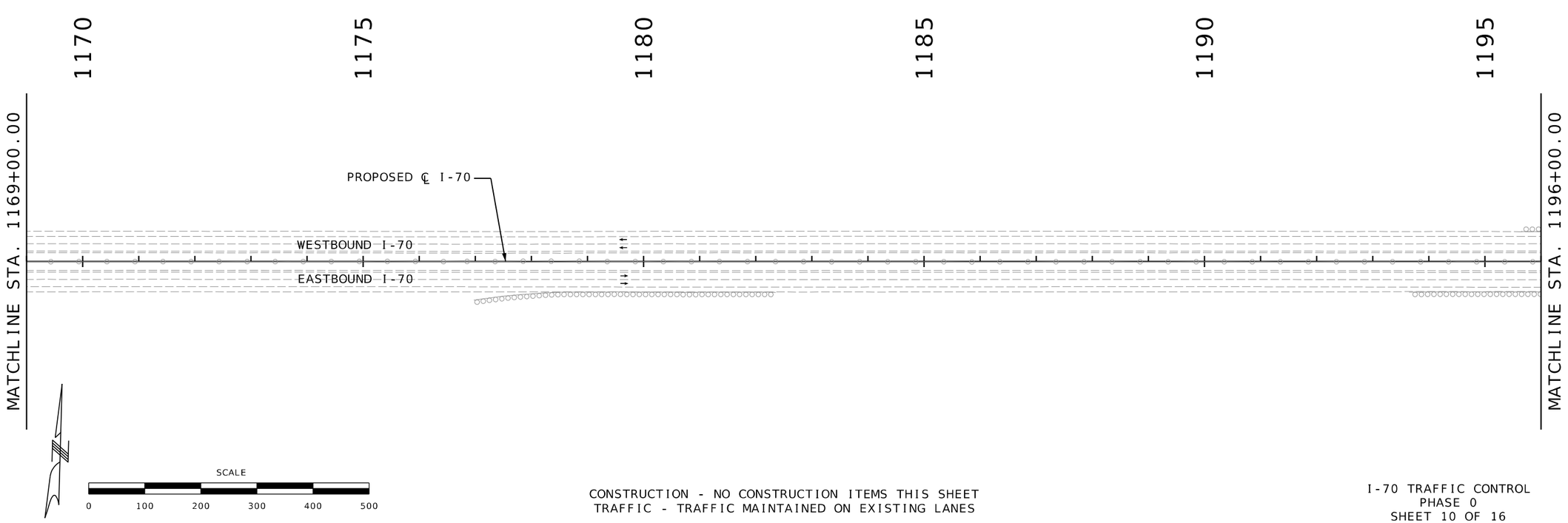
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 10 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 113 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

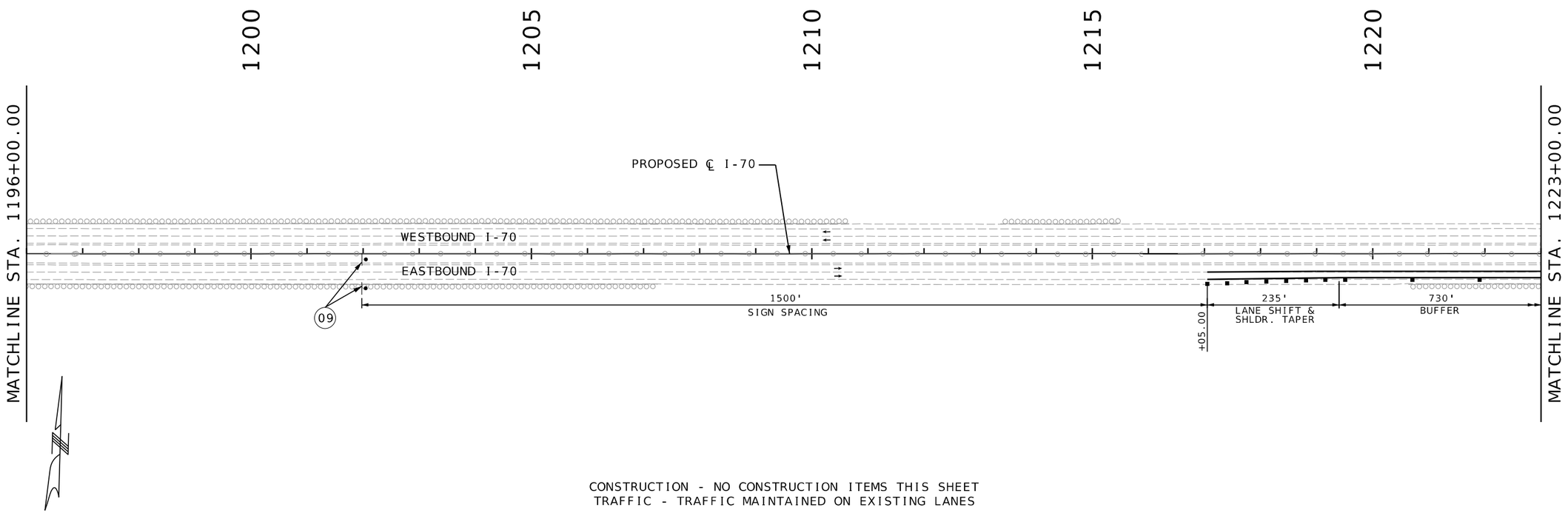
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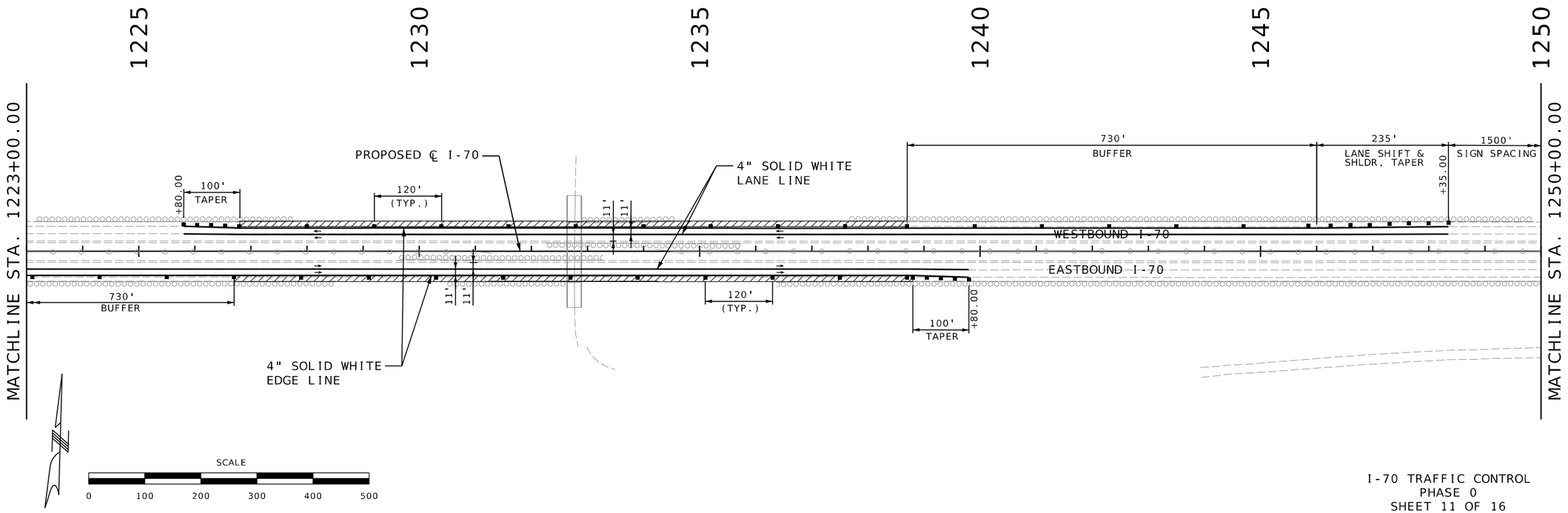
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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I-70 TRAFFIC CONTROL
PHASE 0
SHEET 11 OF 16

STATE OF MISSOURI
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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 114 |

COUNTY
COOPER

JOB NO.
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CONTRACT ID.
-

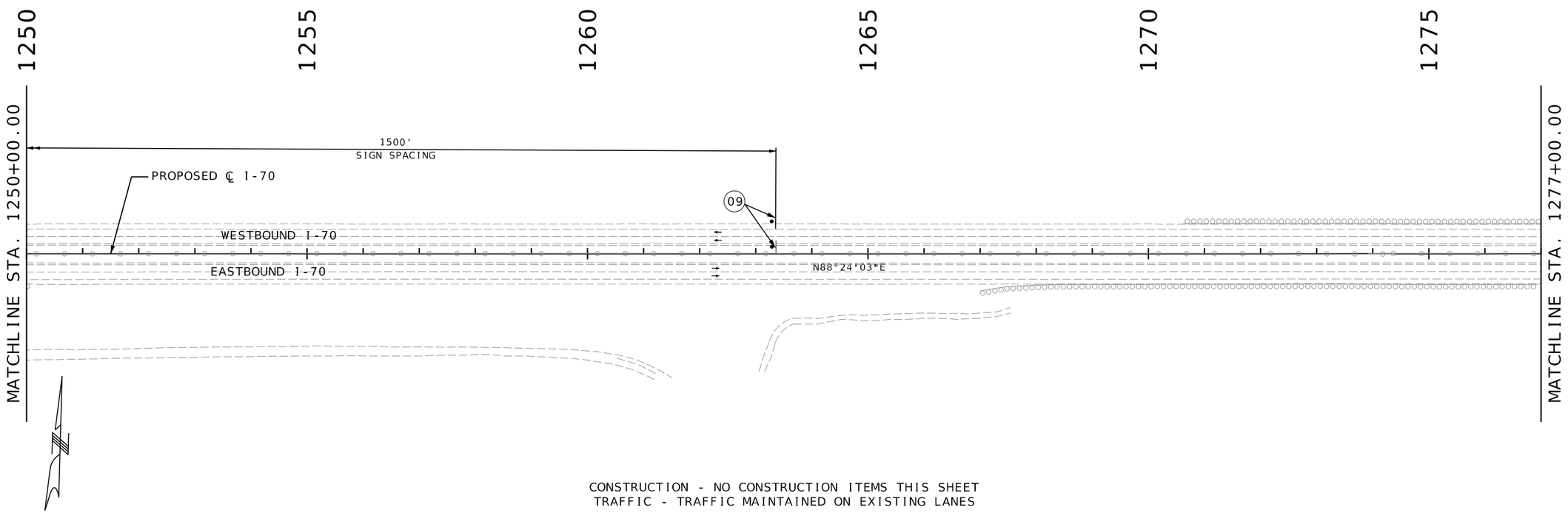
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BRIDGE NO.
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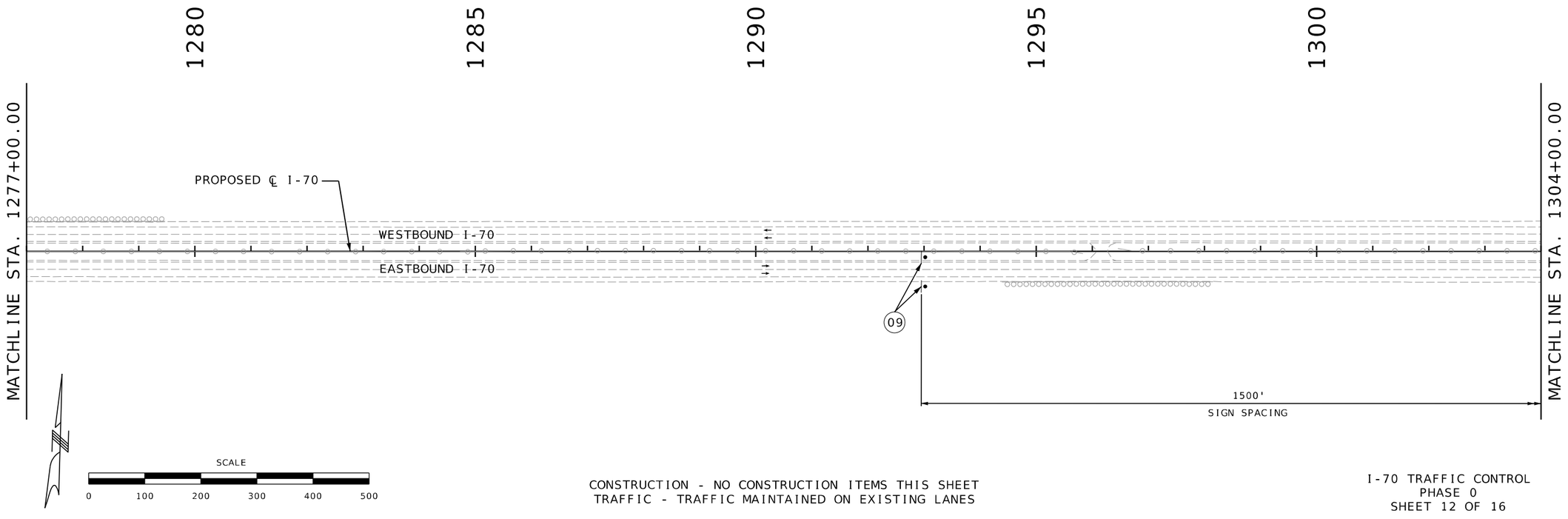
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES




CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 12 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 115 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

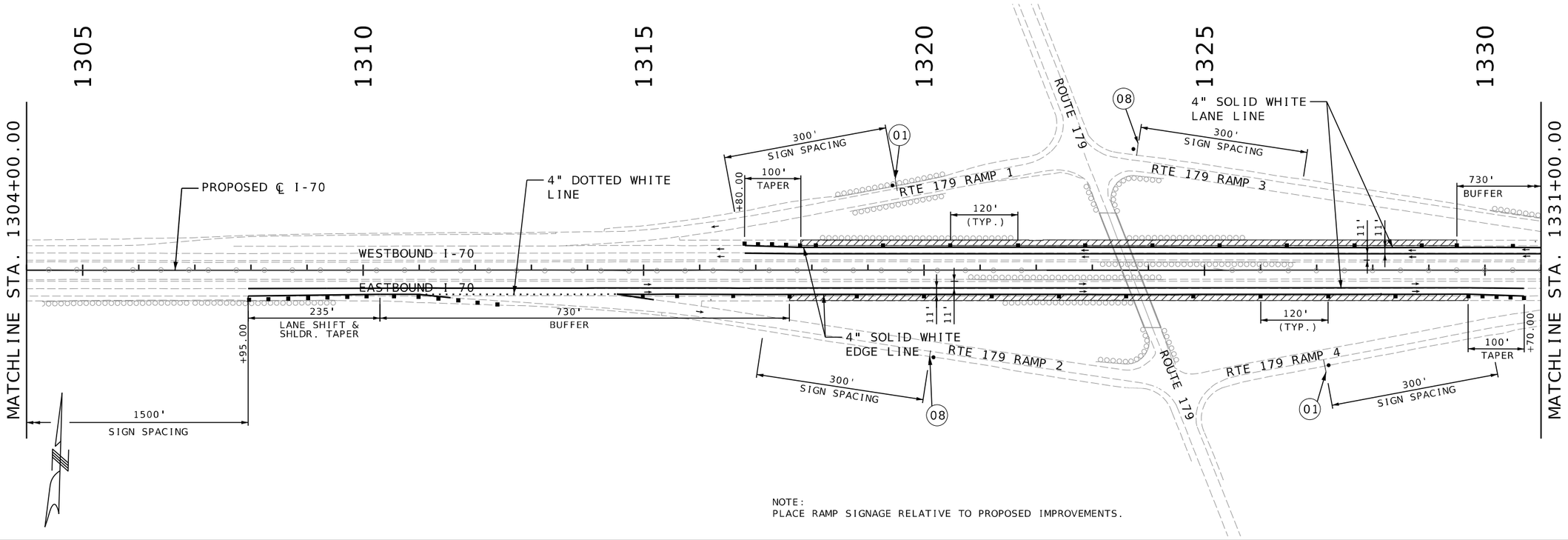
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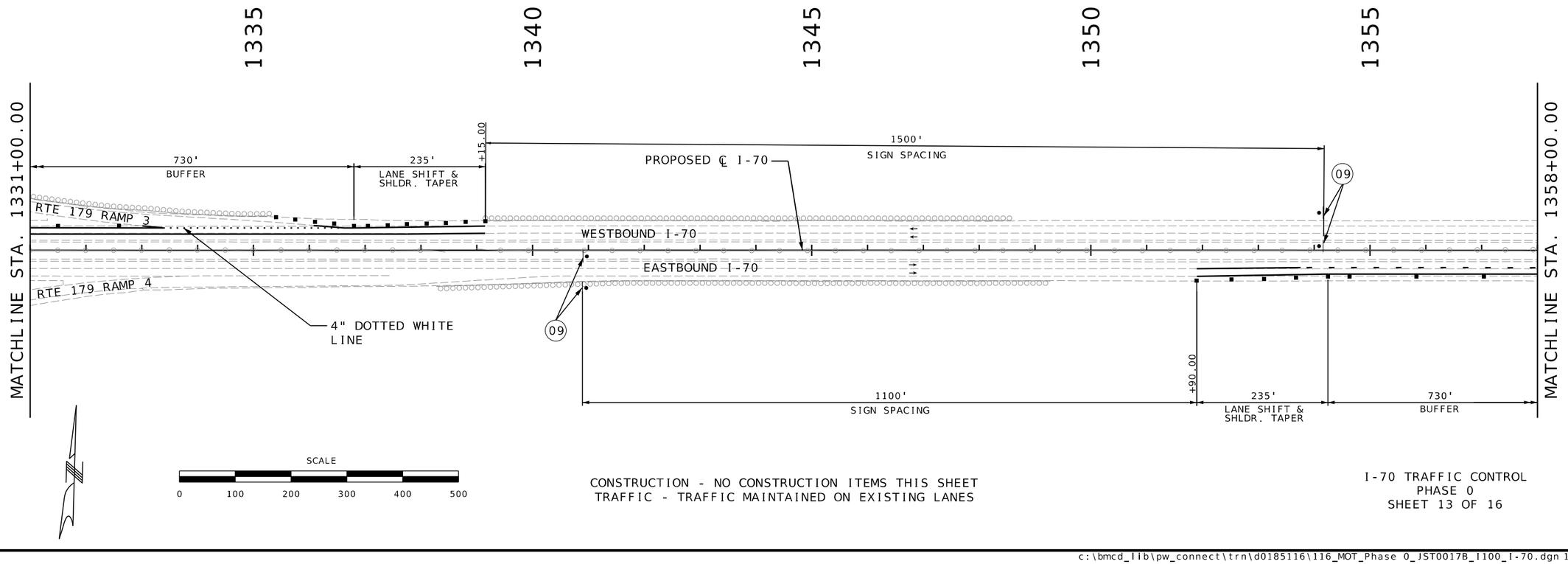
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-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 13 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

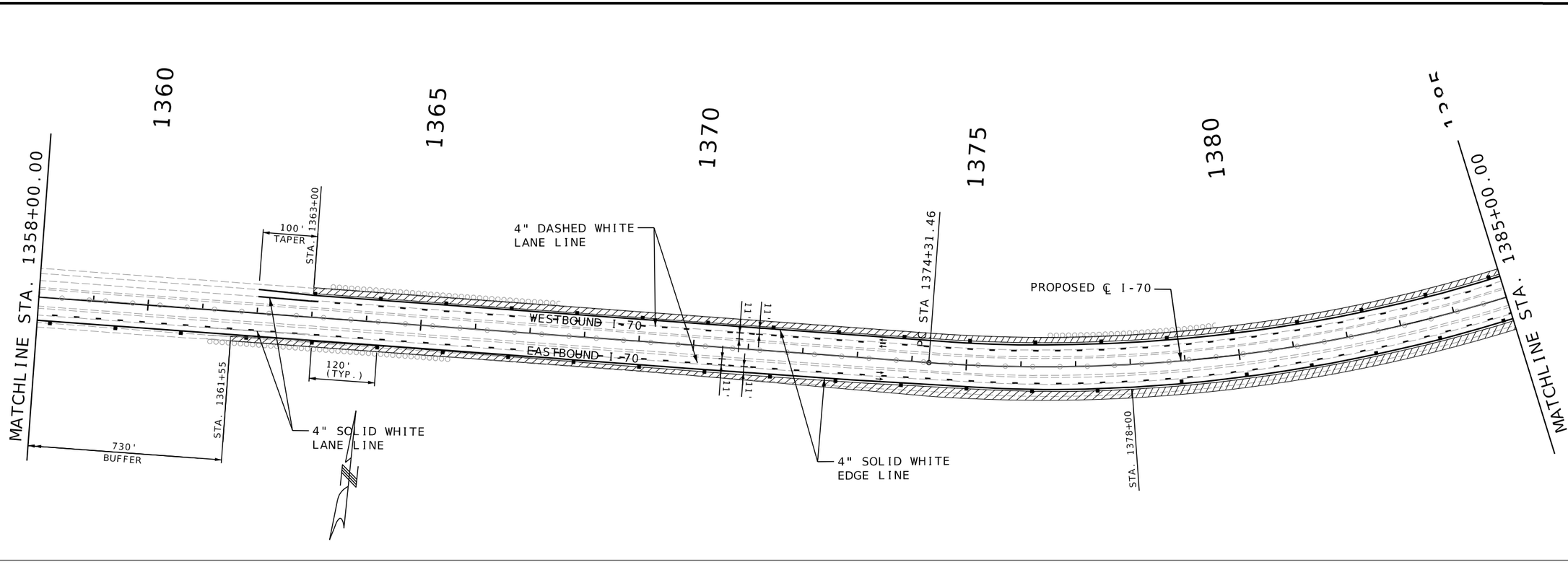
| DATE PREPARED | |
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| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 116 |

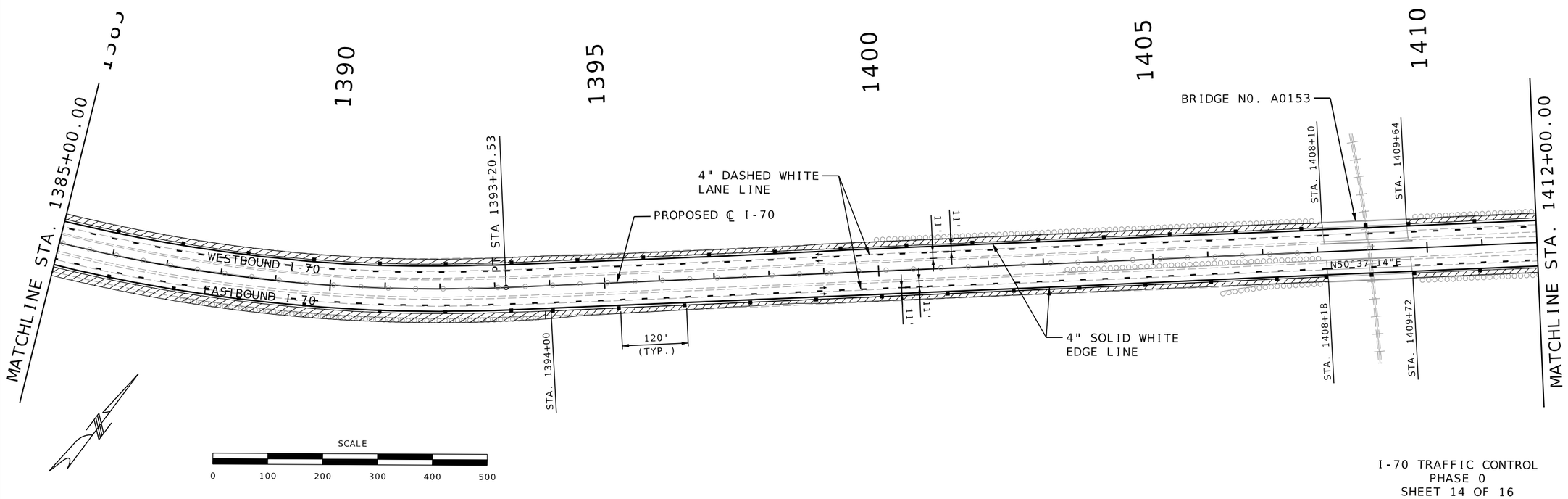
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




I-70 TRAFFIC CONTROL
PHASE 0
SHEET 14 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 117 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

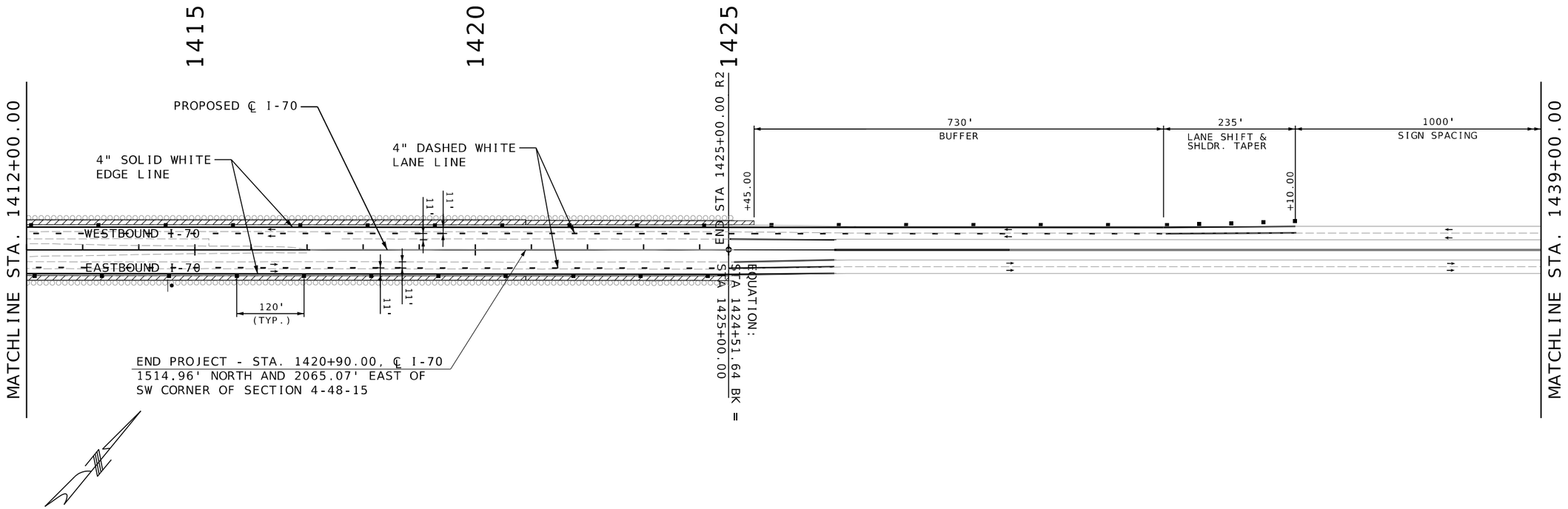
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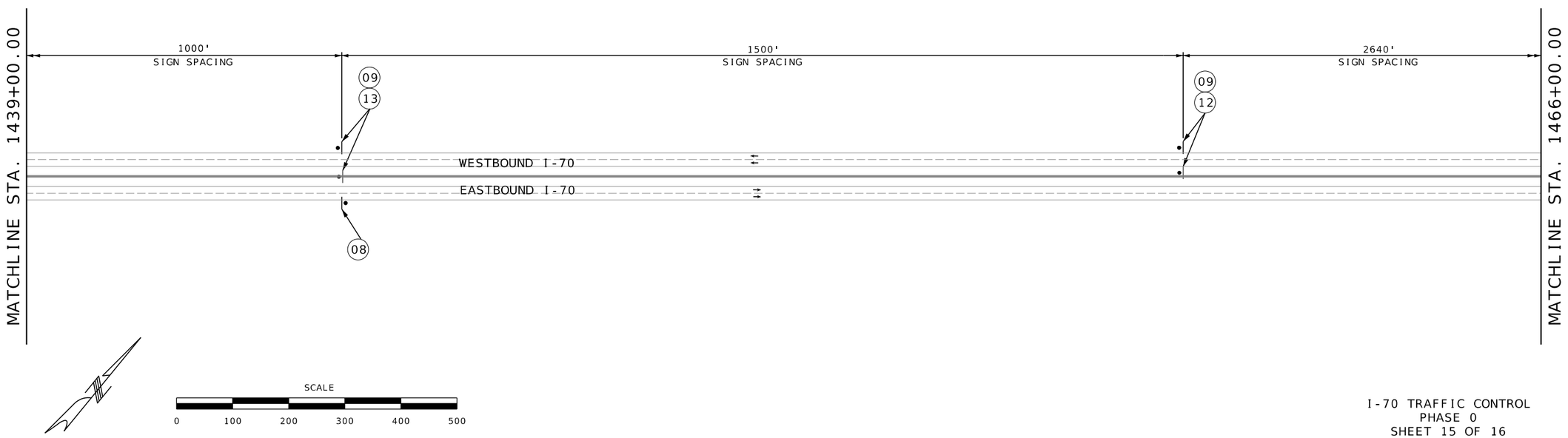
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 0
SHEET 15 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 118 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

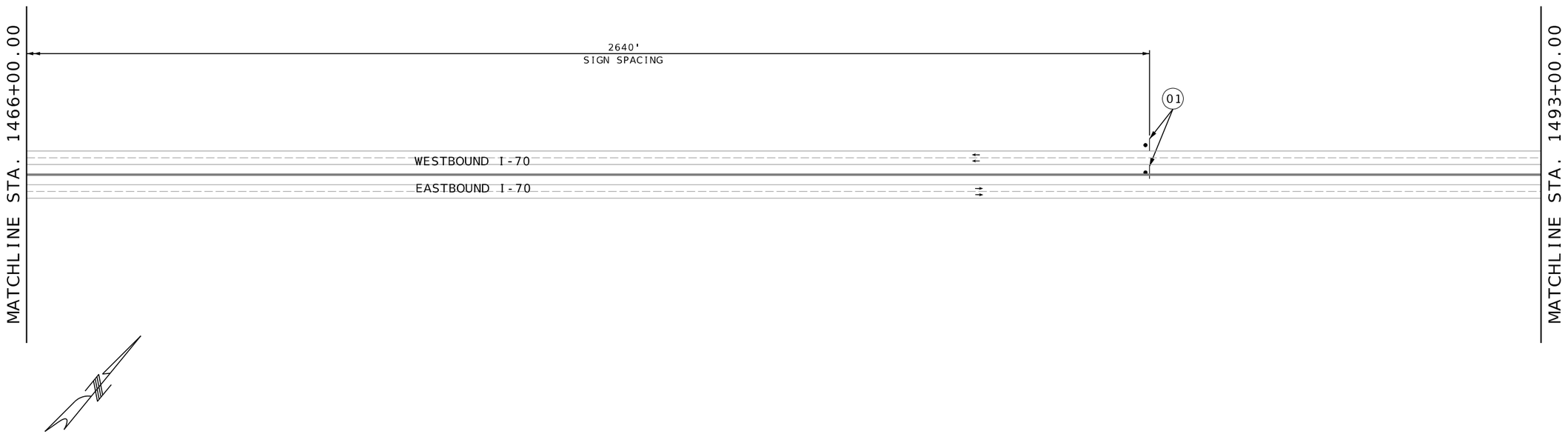
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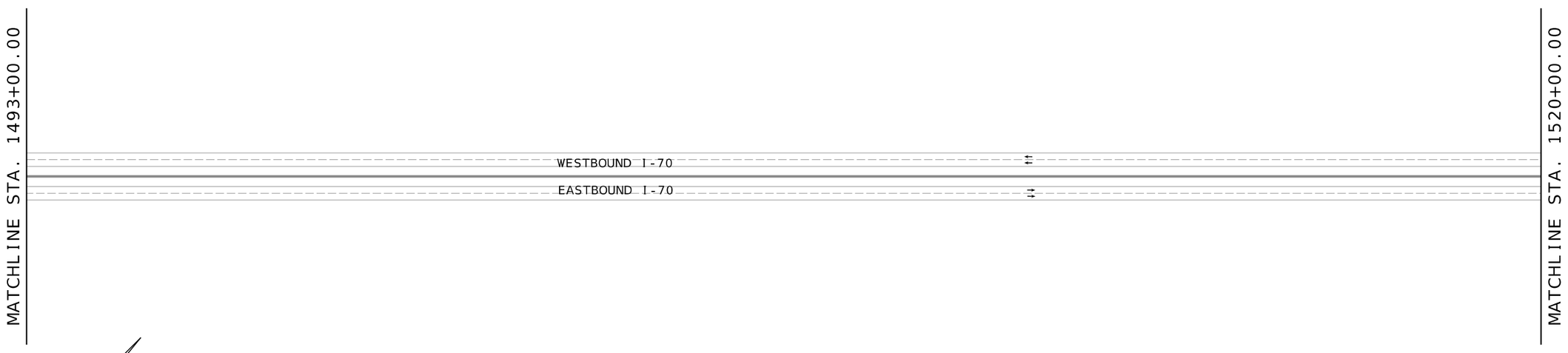
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




SCALE

0 100 200 300 400 500

CONSTRUCTION - NO CONSTRUCTION ITEMS THIS SHEET
TRAFFIC - TRAFFIC MAINTAINED ON EXISTING LANES

I-70 TRAFFIC CONTROL
PHASE 0
SHEET 16 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 119 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
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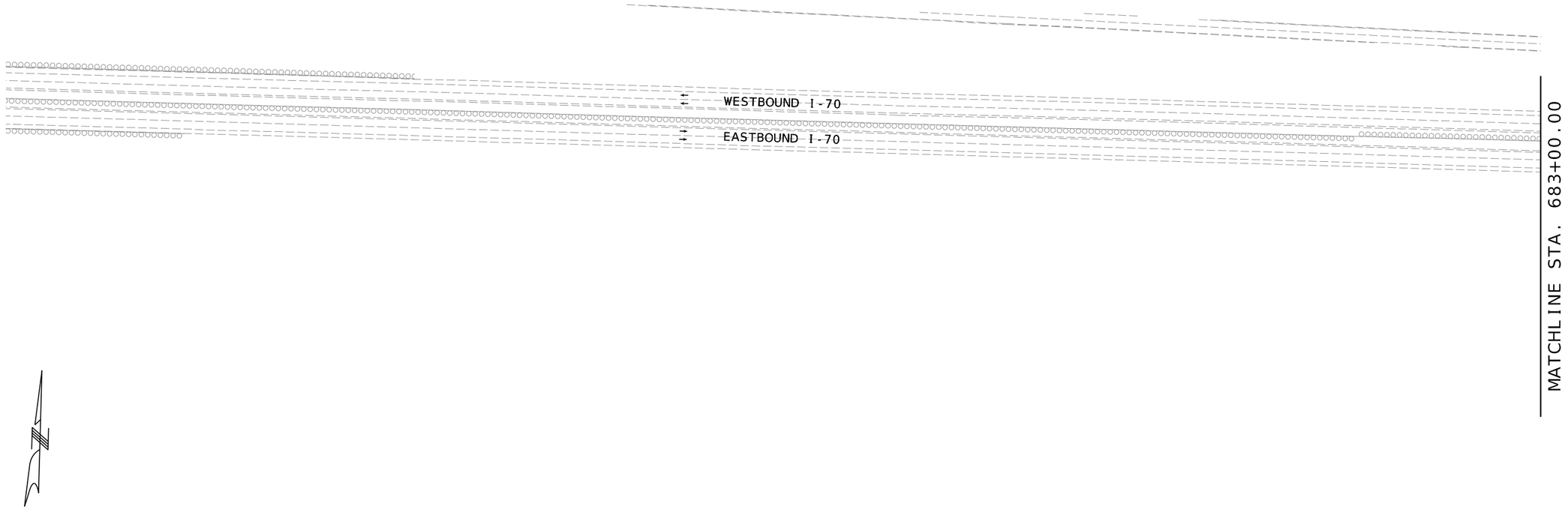
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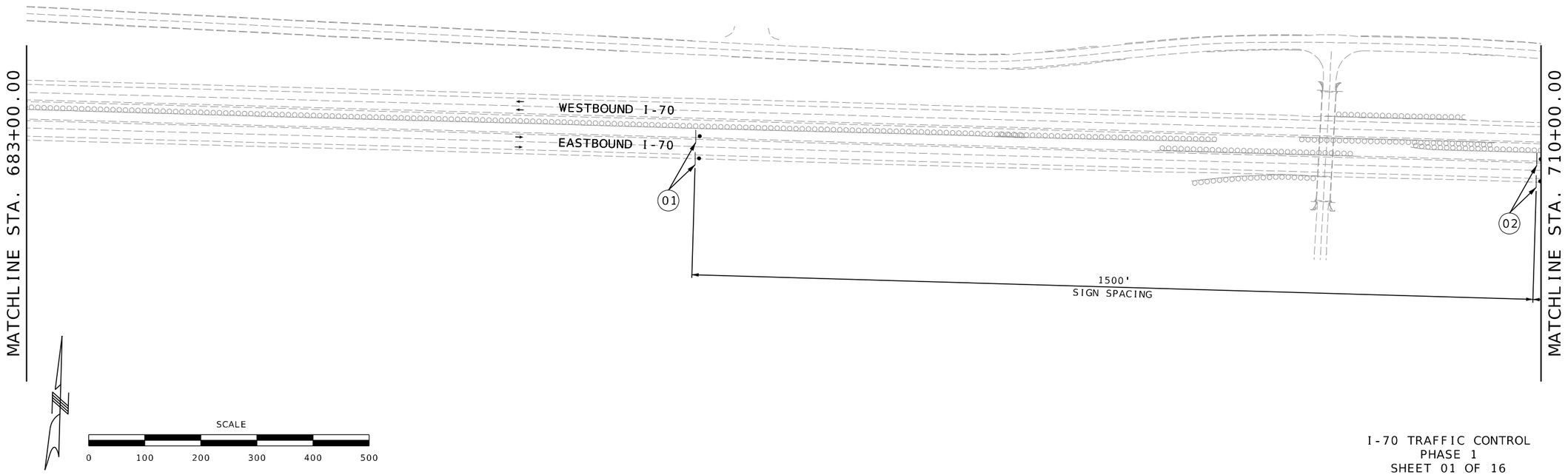
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 1
SHEET 01 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 120 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

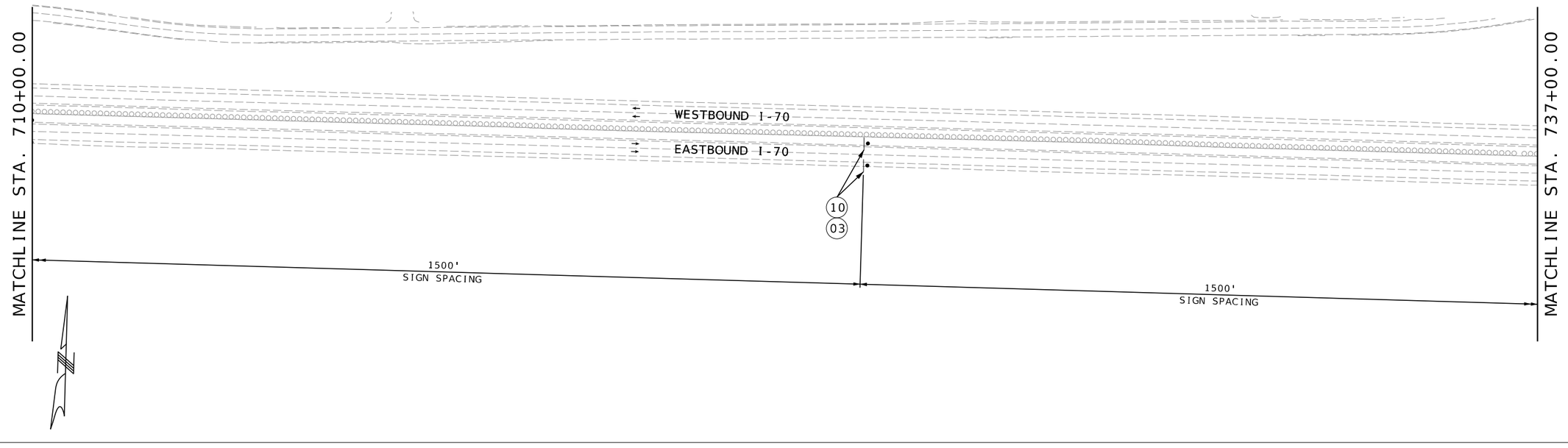
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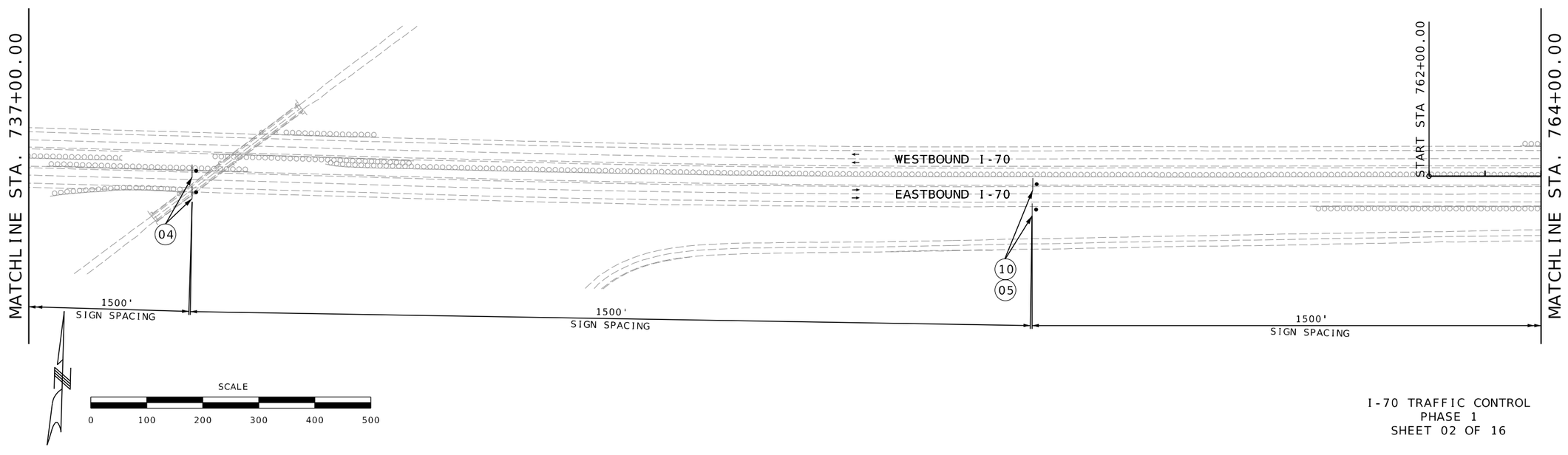
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|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 02 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 121 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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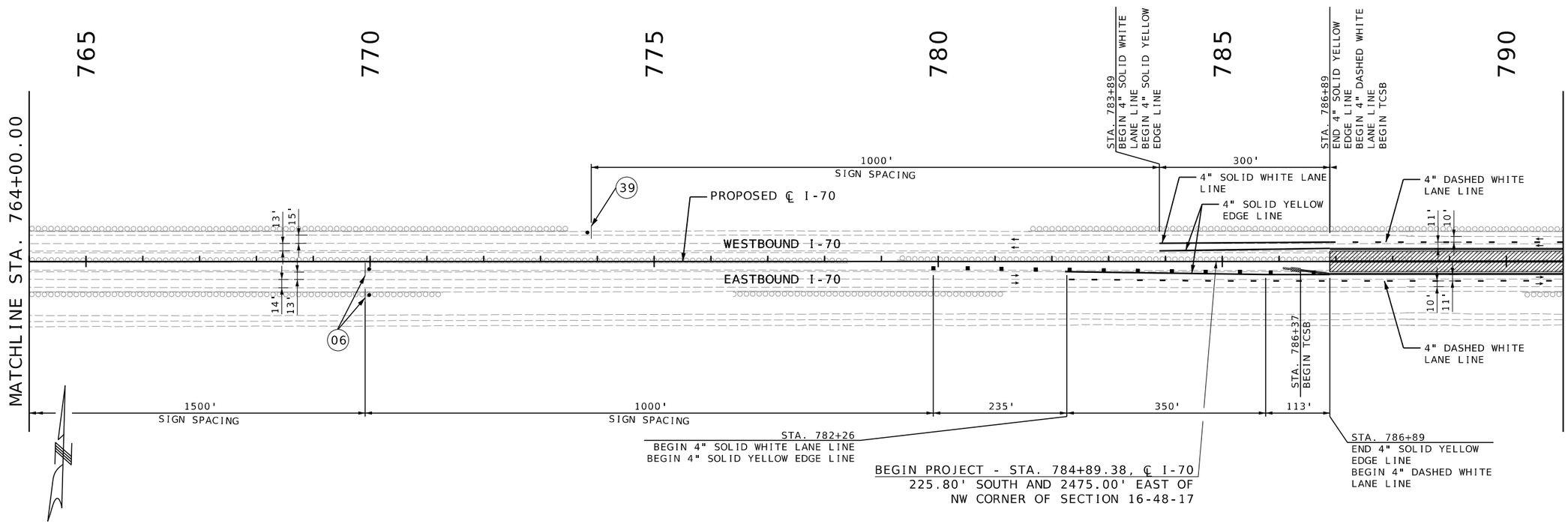
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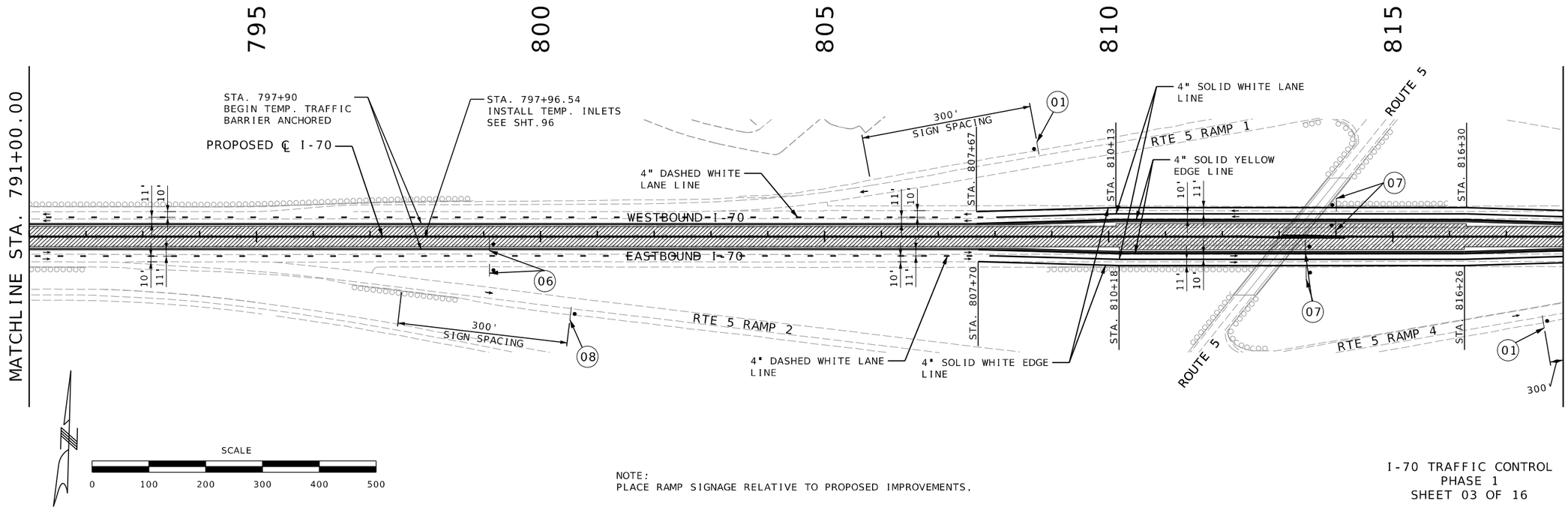
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 03 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

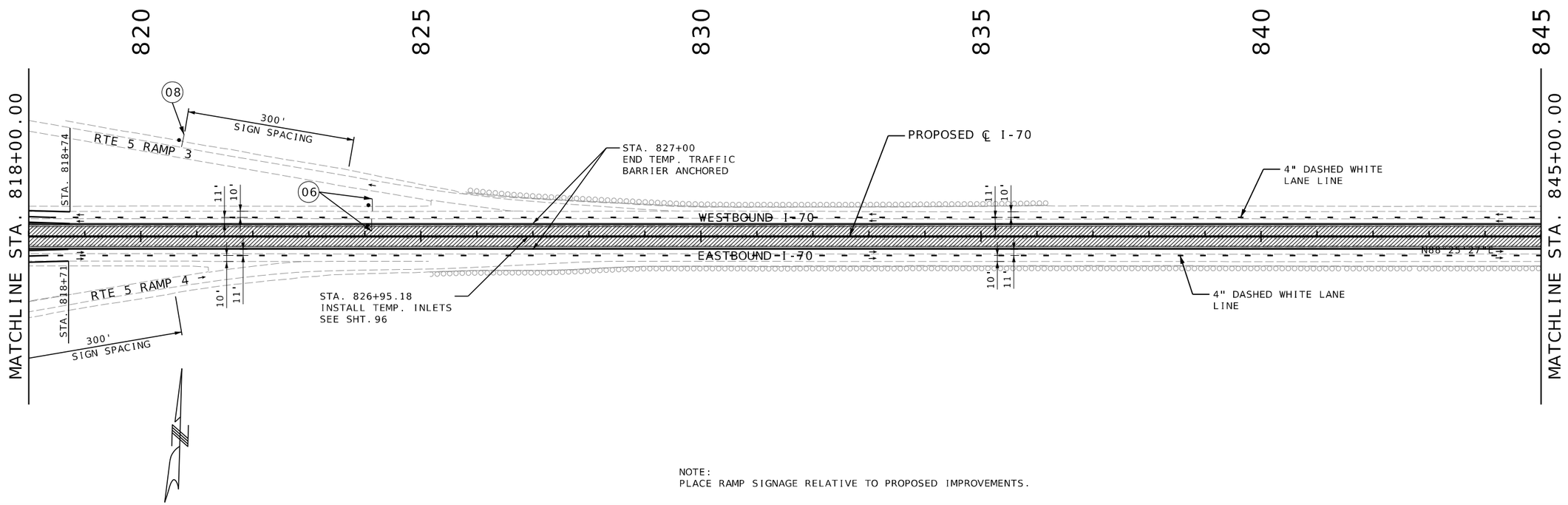
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 122 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

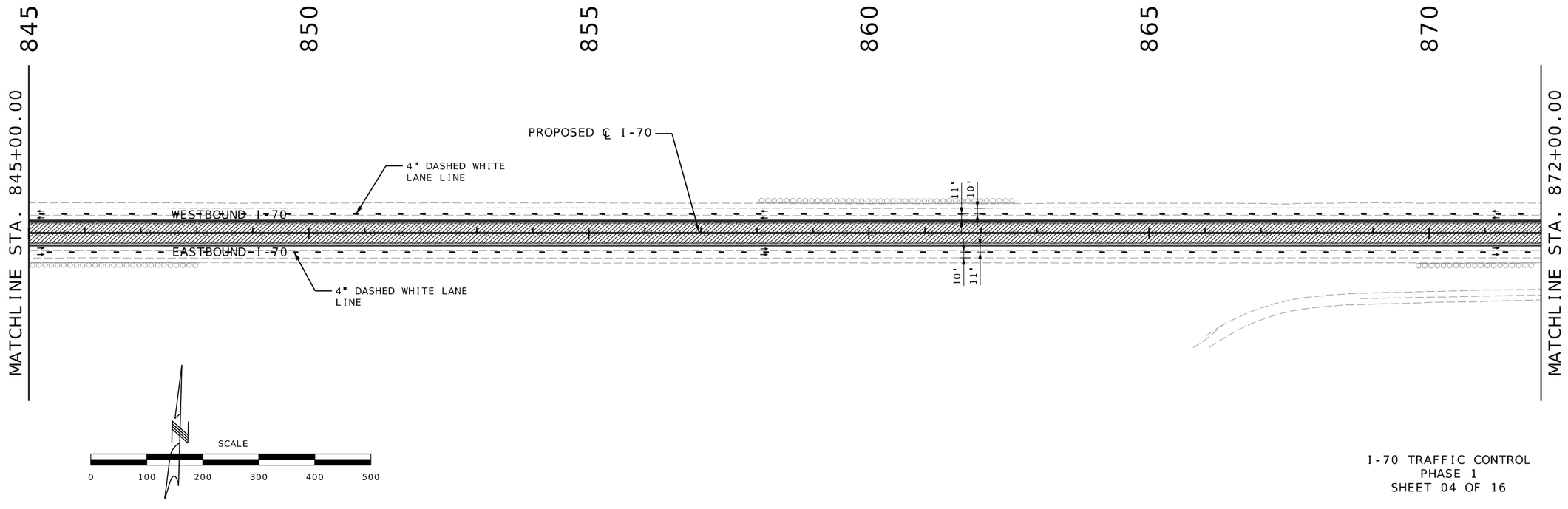
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 04 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 123 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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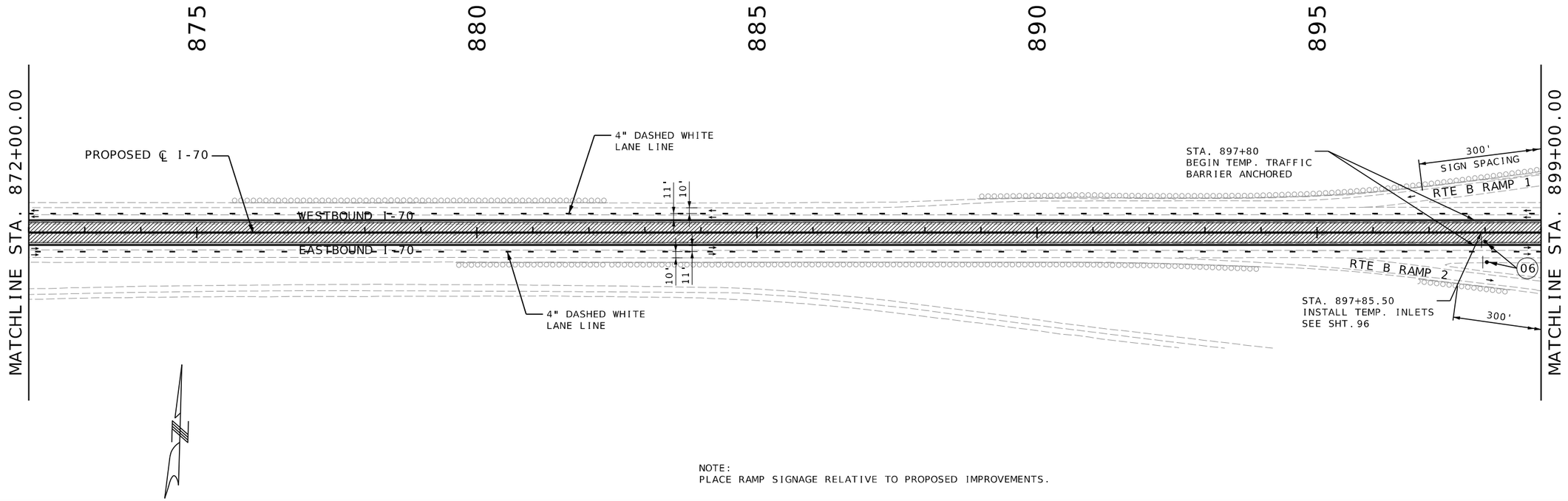
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| DESCRIPTION | DATE |
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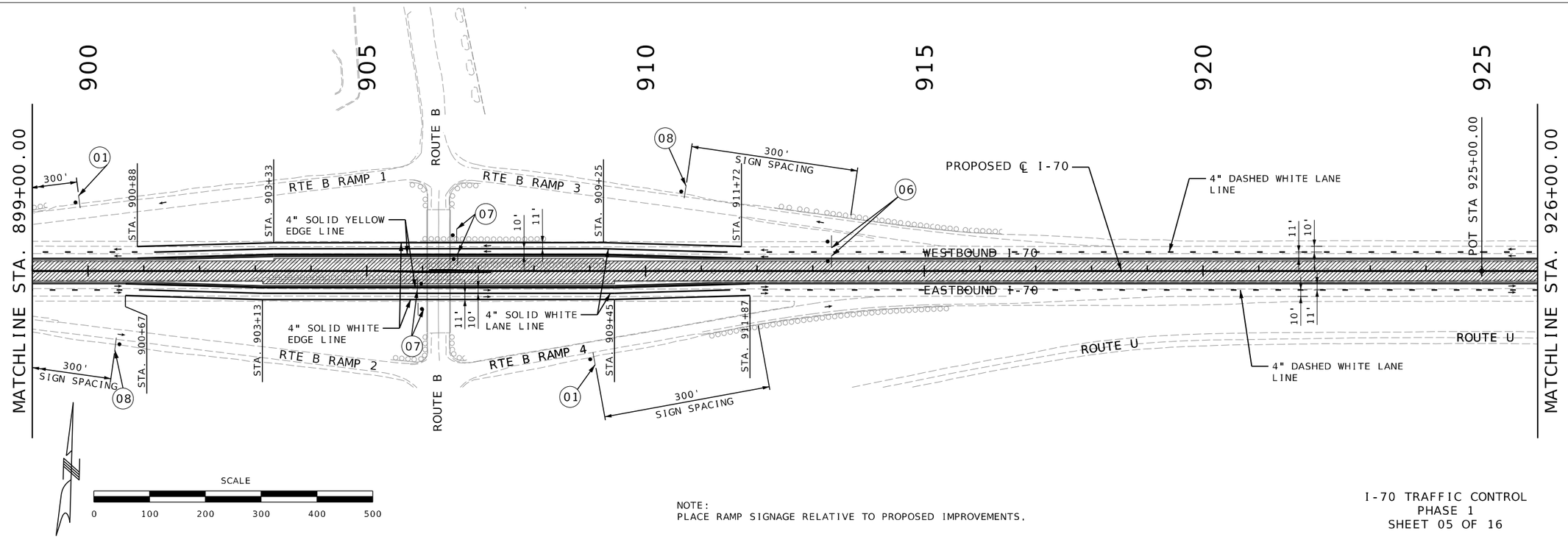
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 05 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 124 |

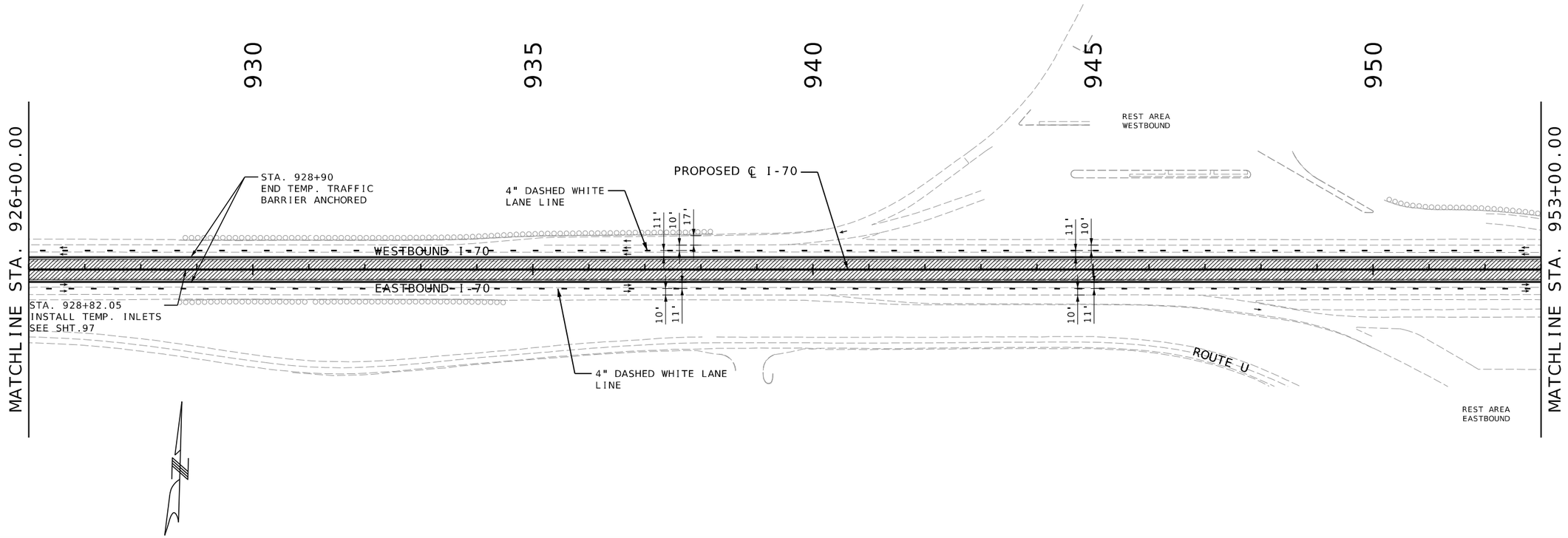
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

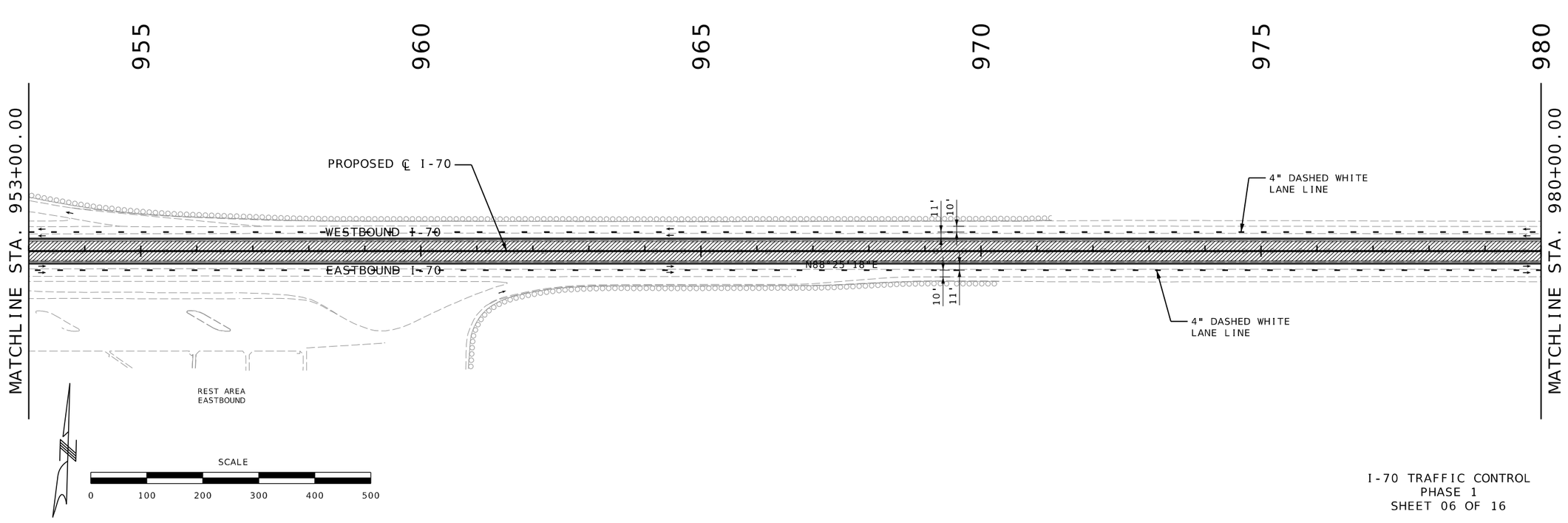
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 1
SHEET 06 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 125 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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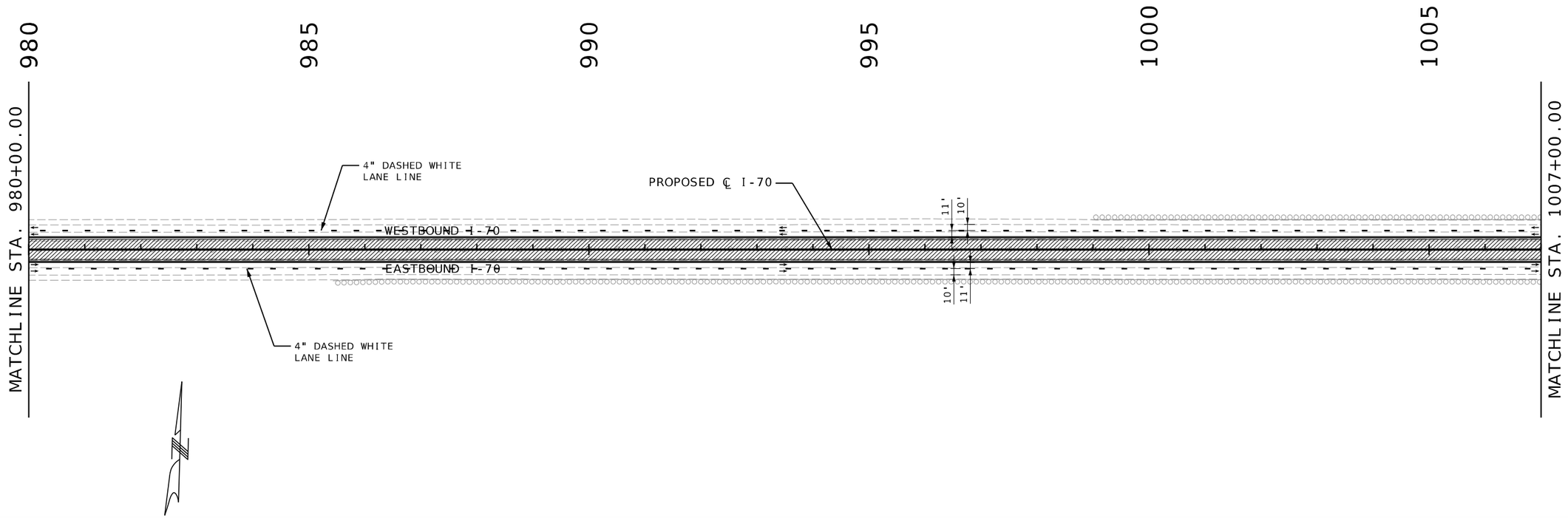
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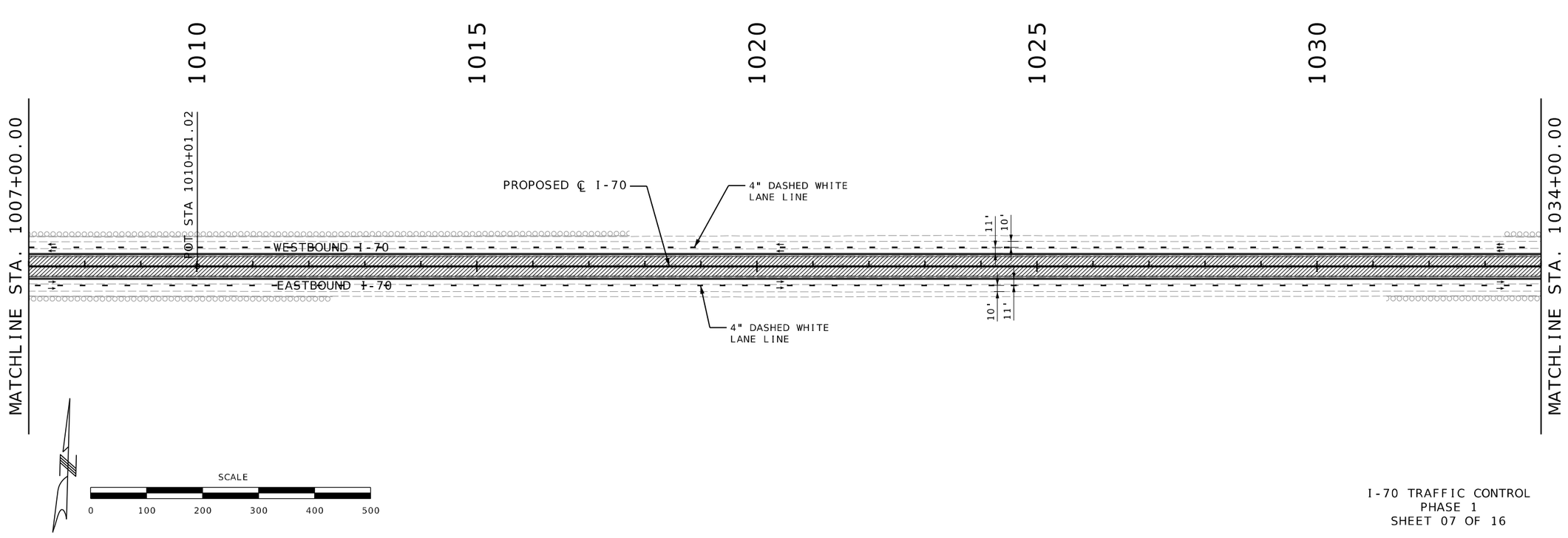
| DATE | DESCRIPTION |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 07 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 126 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

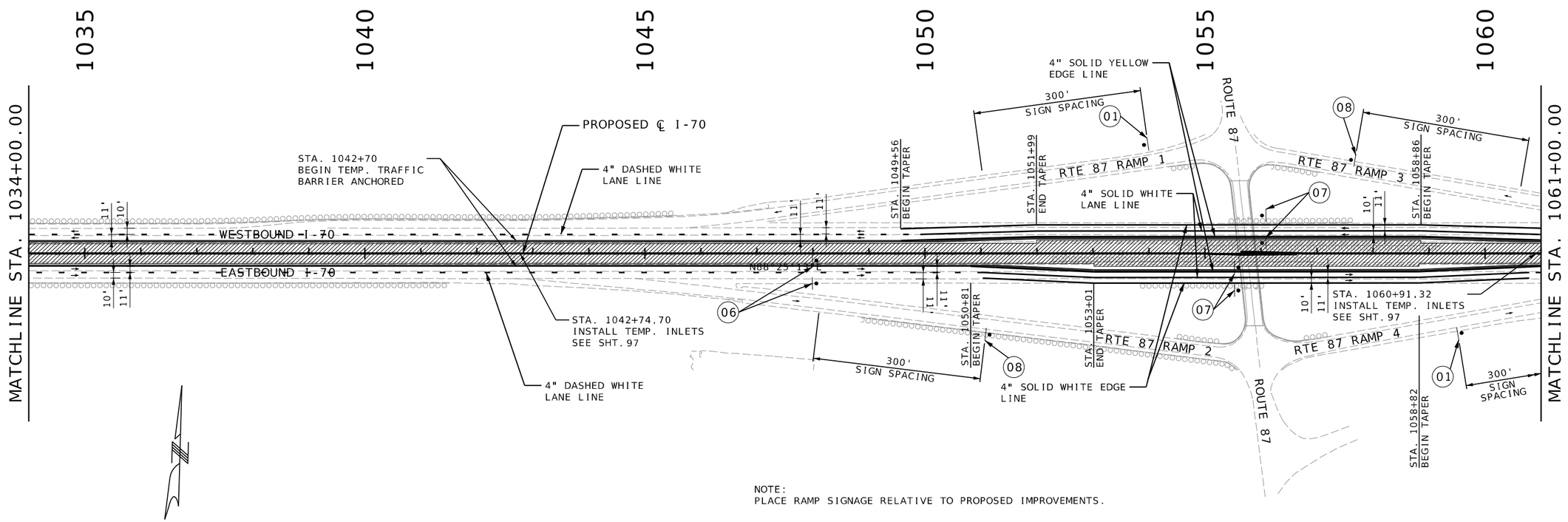
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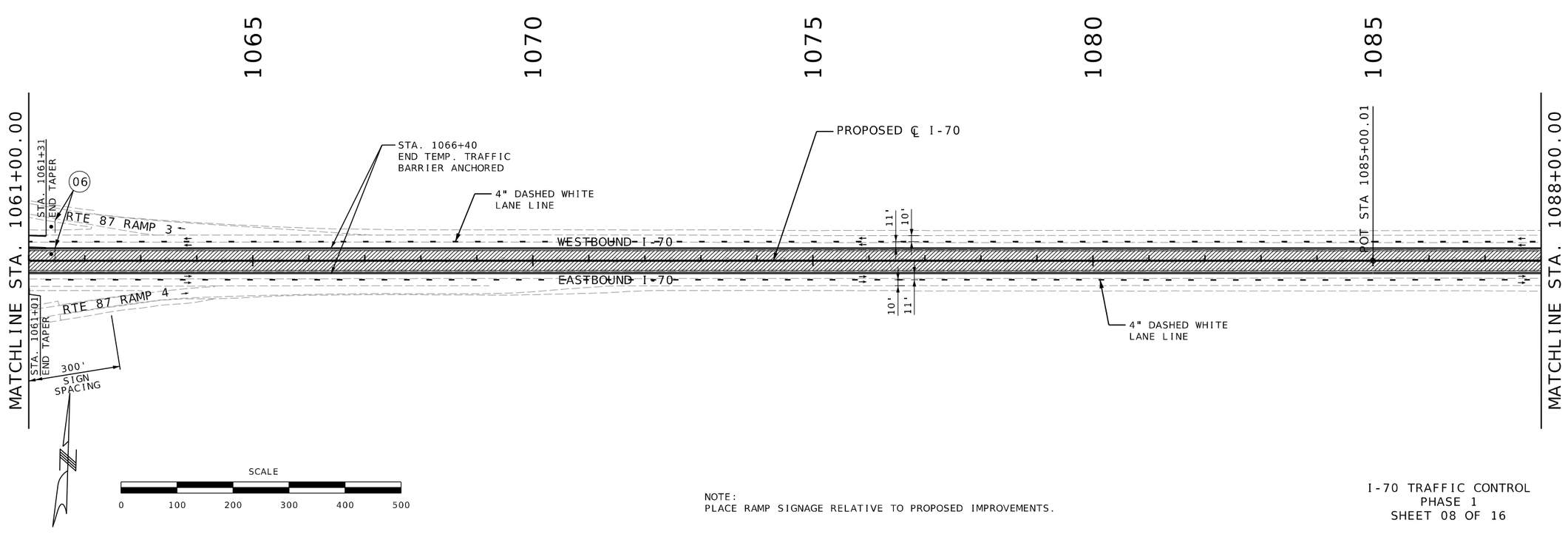
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 08 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

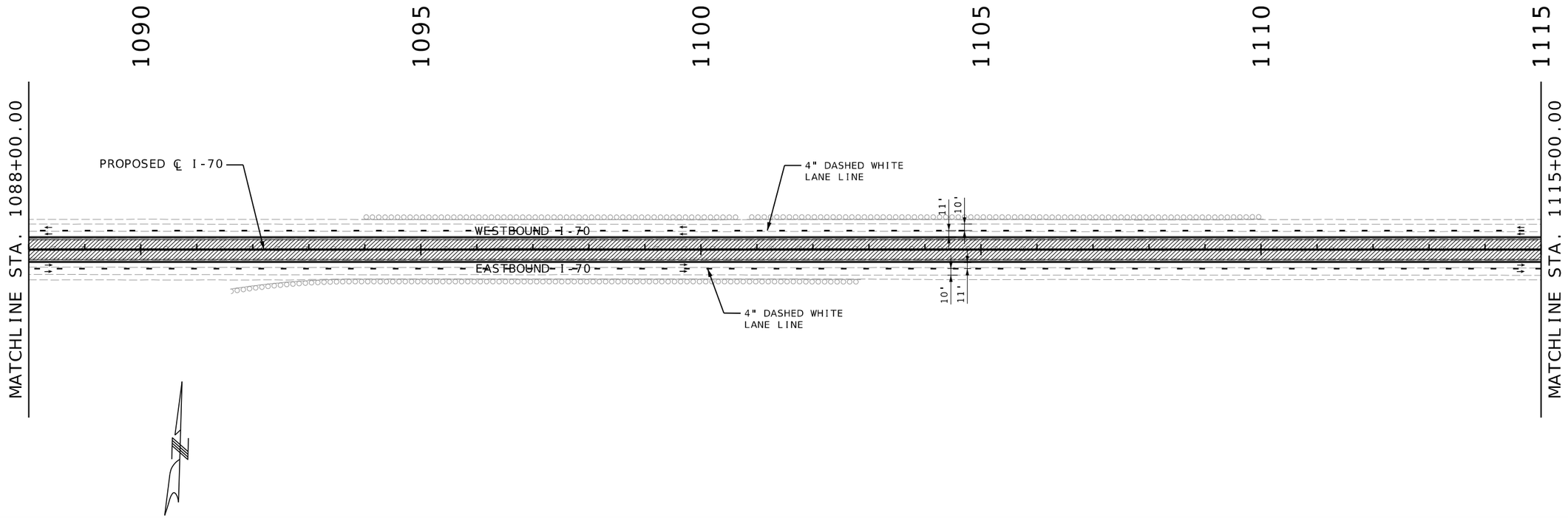
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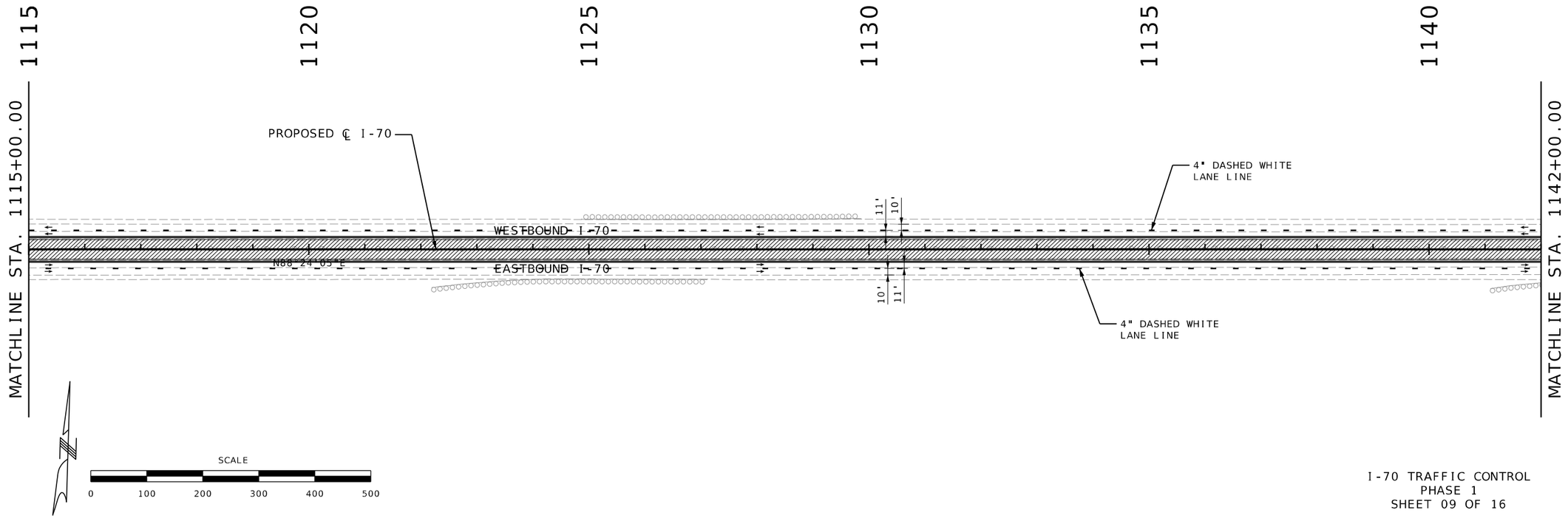
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 127 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 09 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 128 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

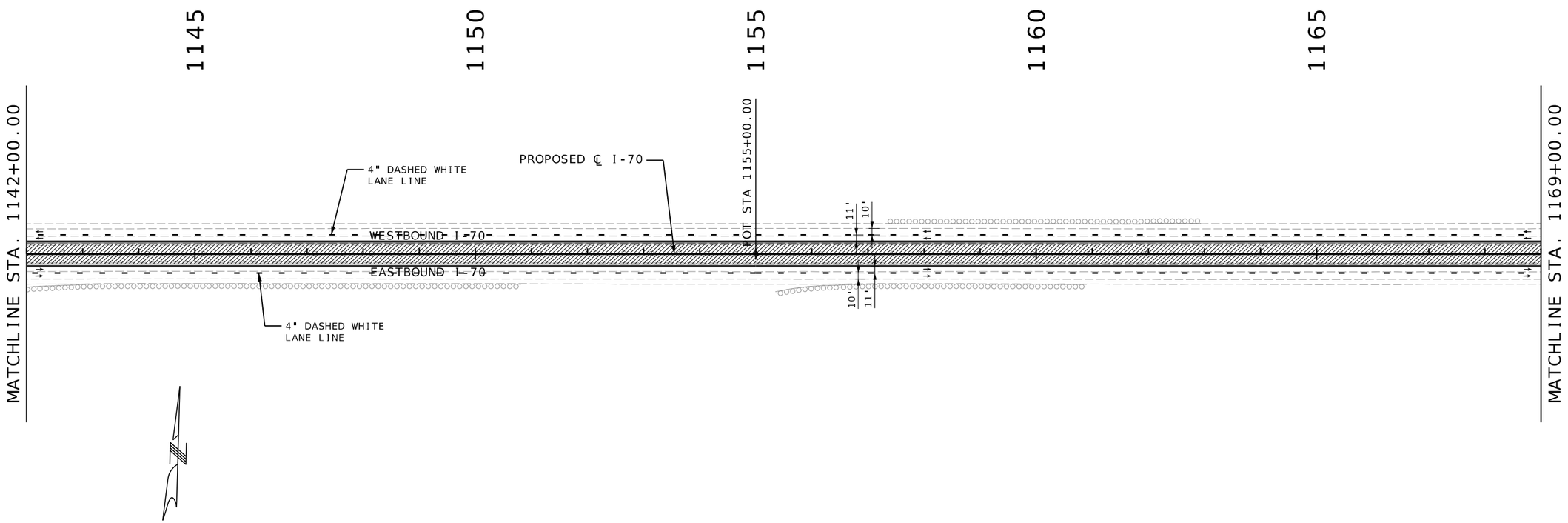
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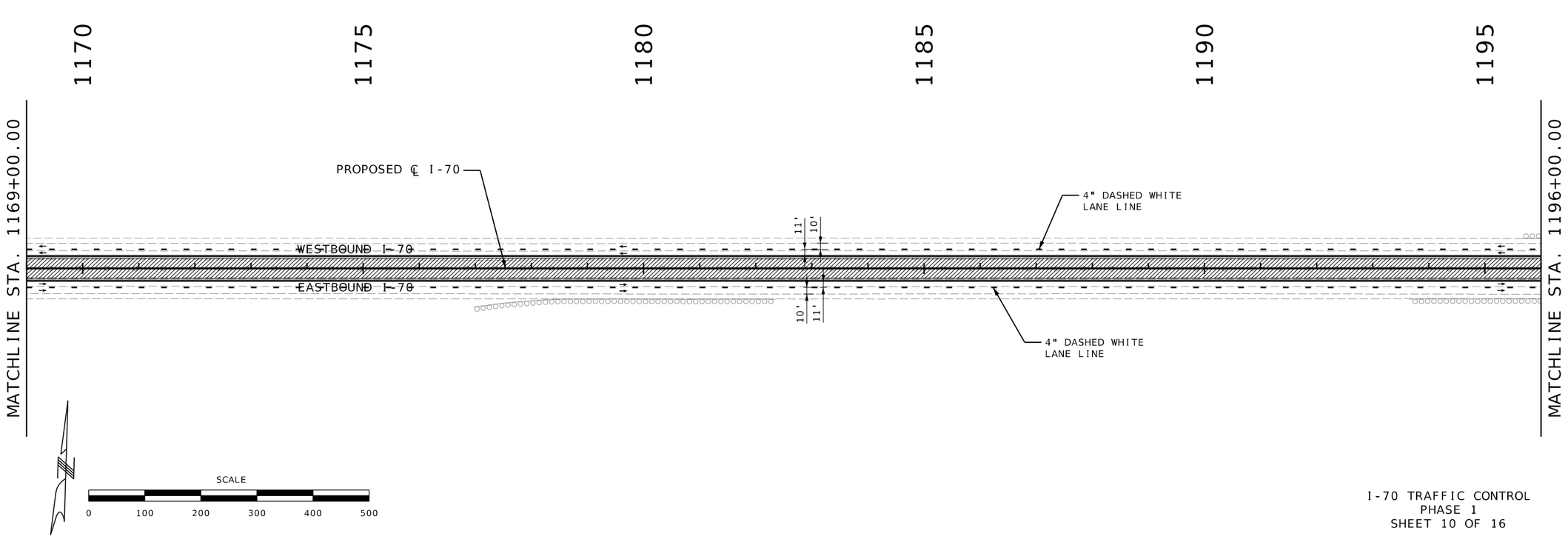
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 10 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 129 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

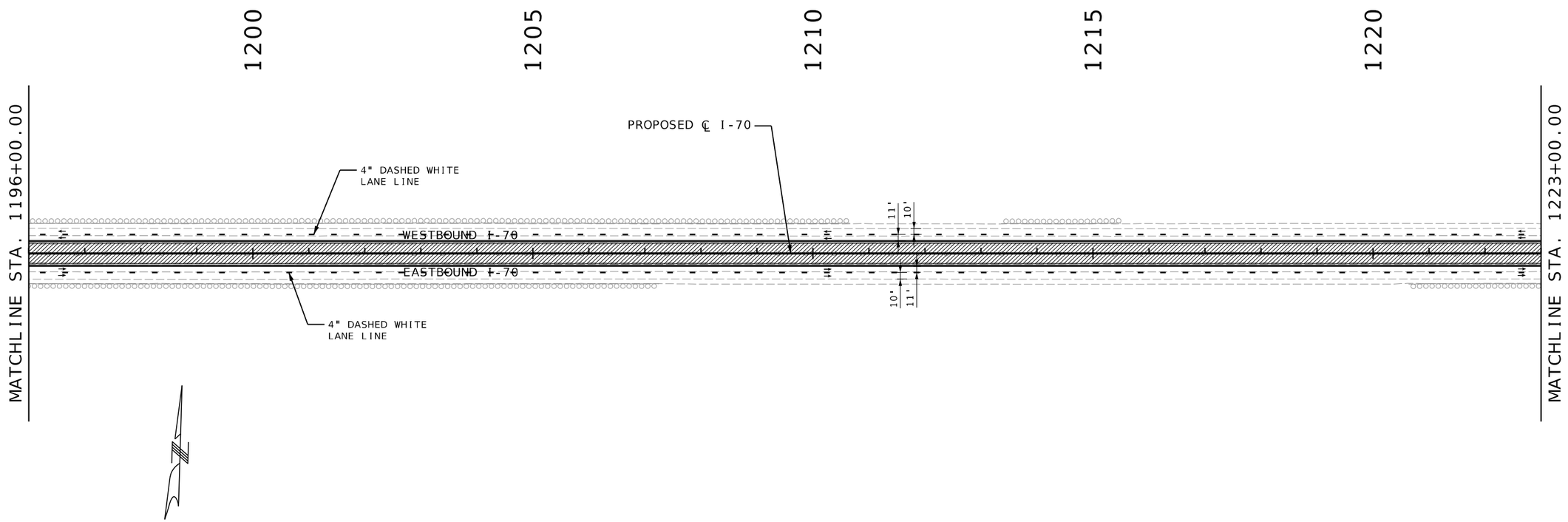
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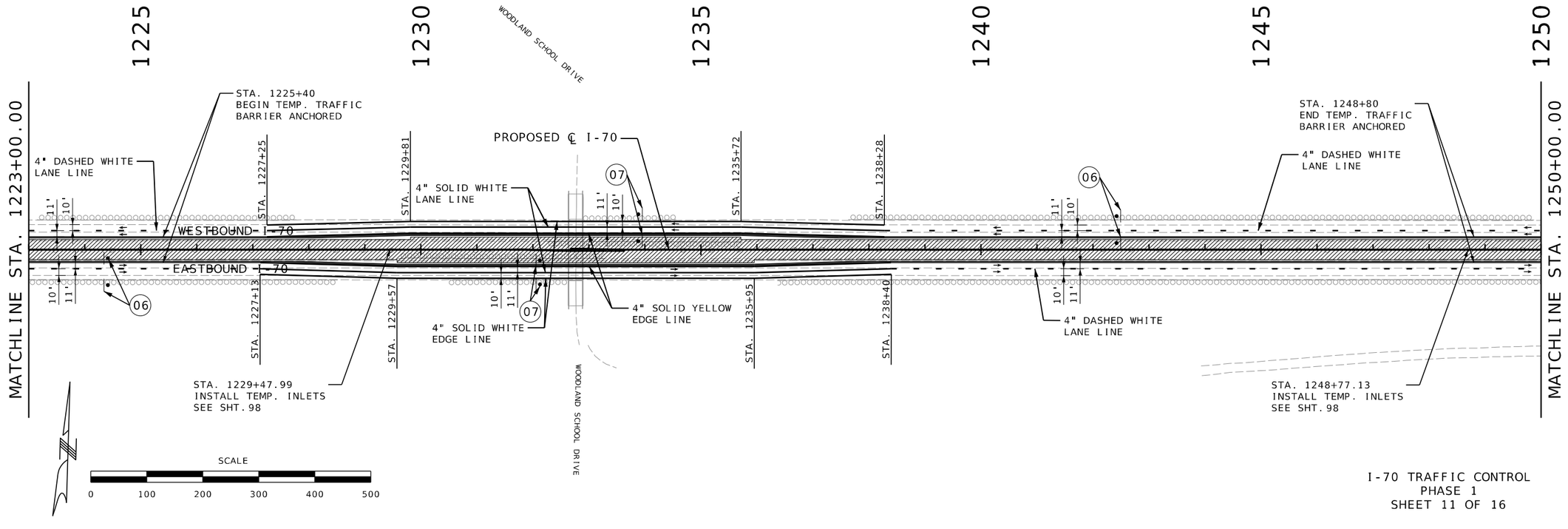
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 11 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 130 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

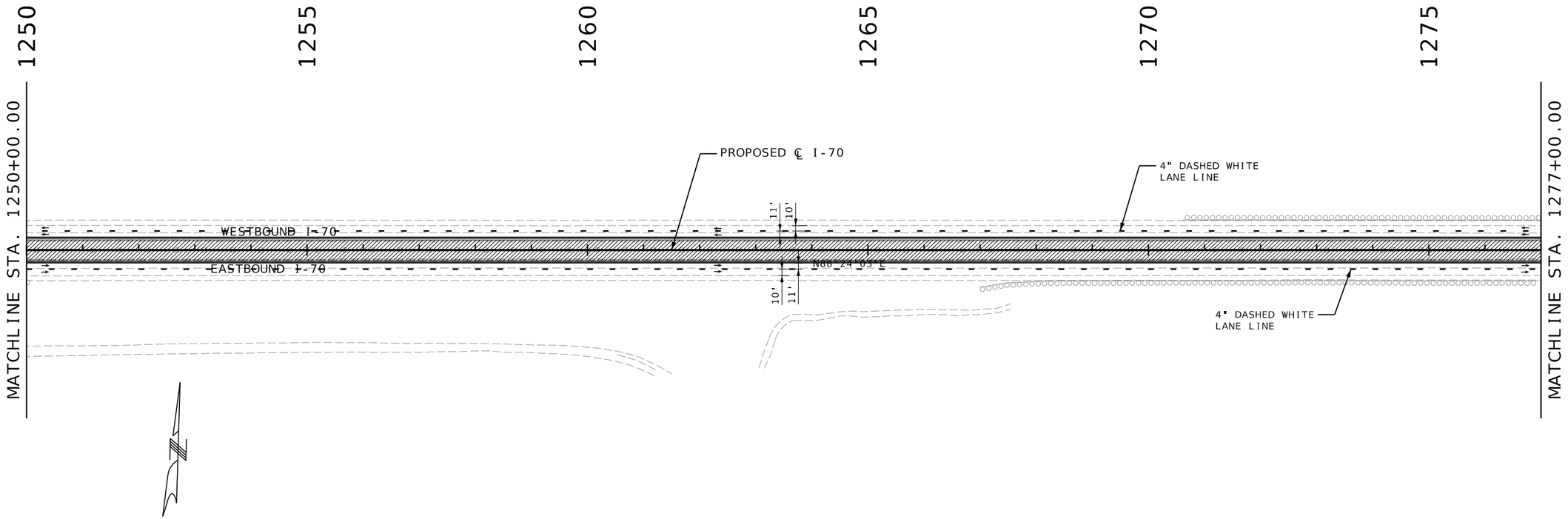
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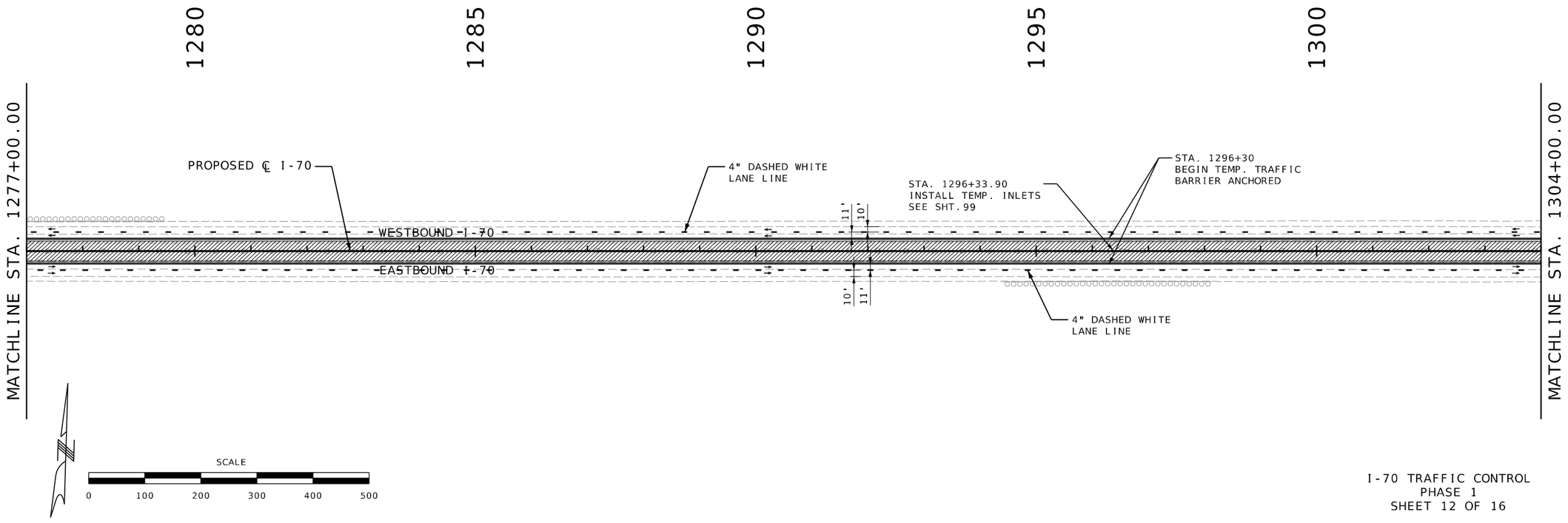
BRIDGE NO.
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| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 12 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 131 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

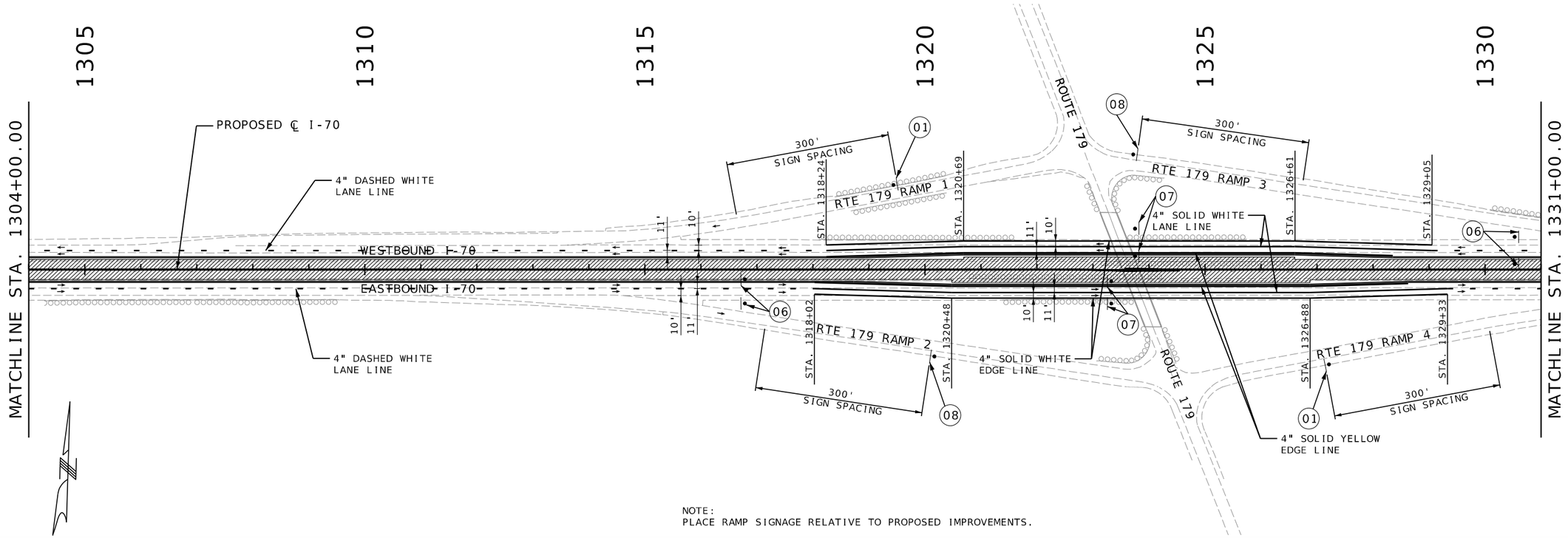
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BRIDGE NO.
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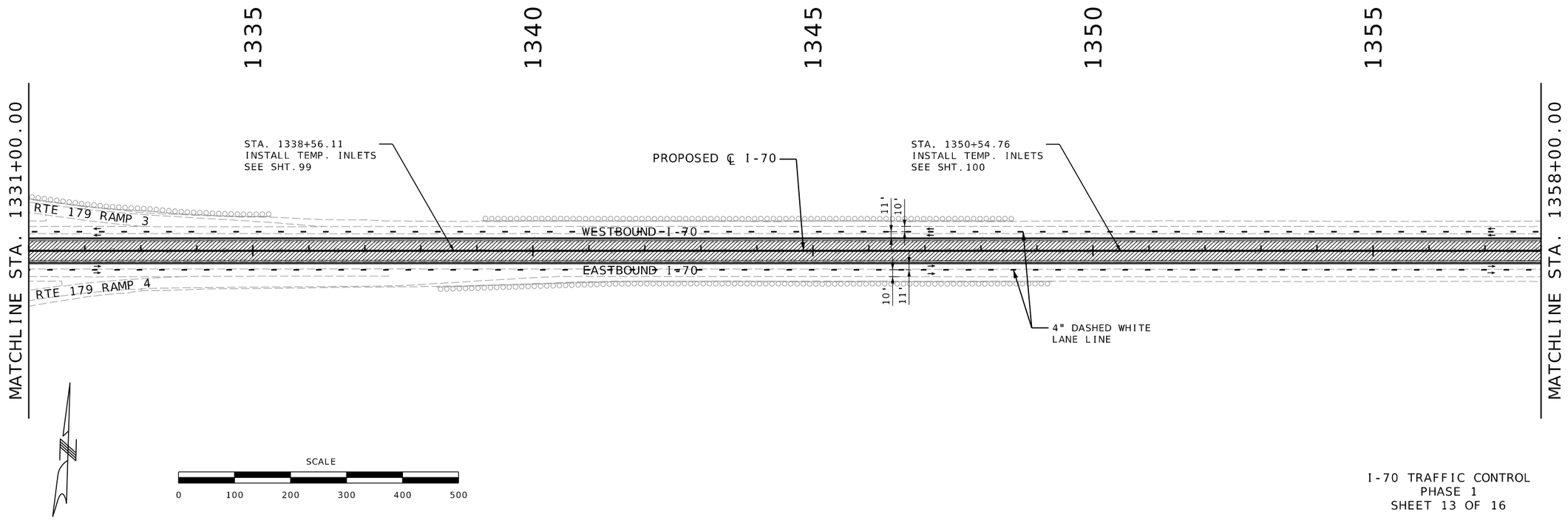
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




SCALE
0 100 200 300 400 500

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 13 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 132 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

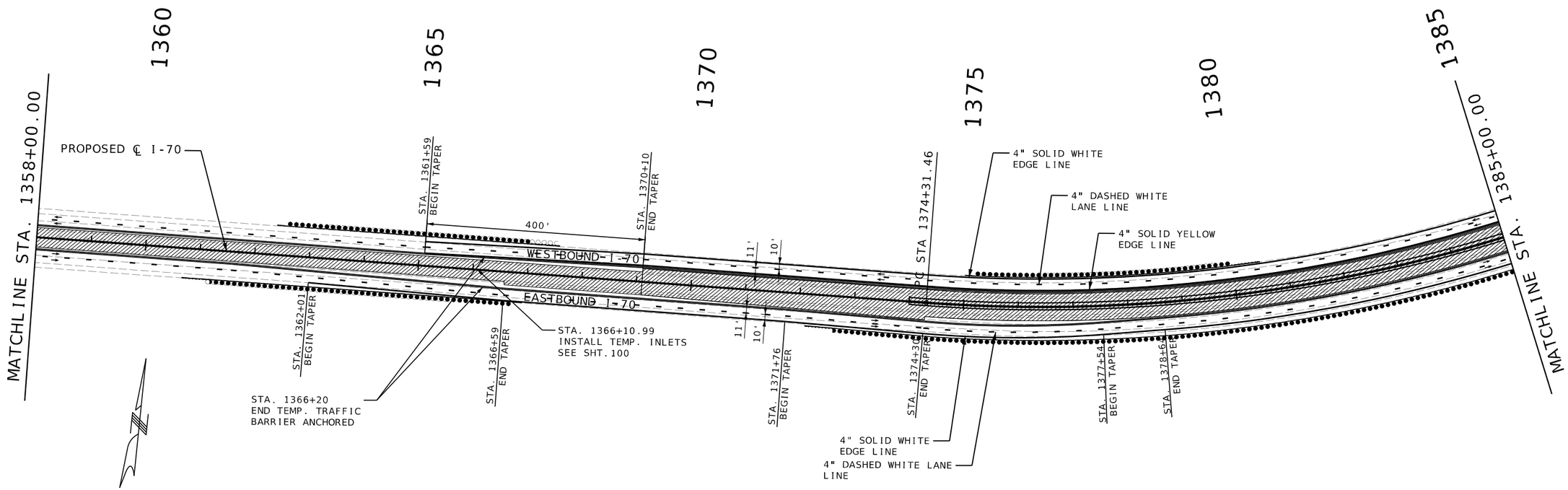
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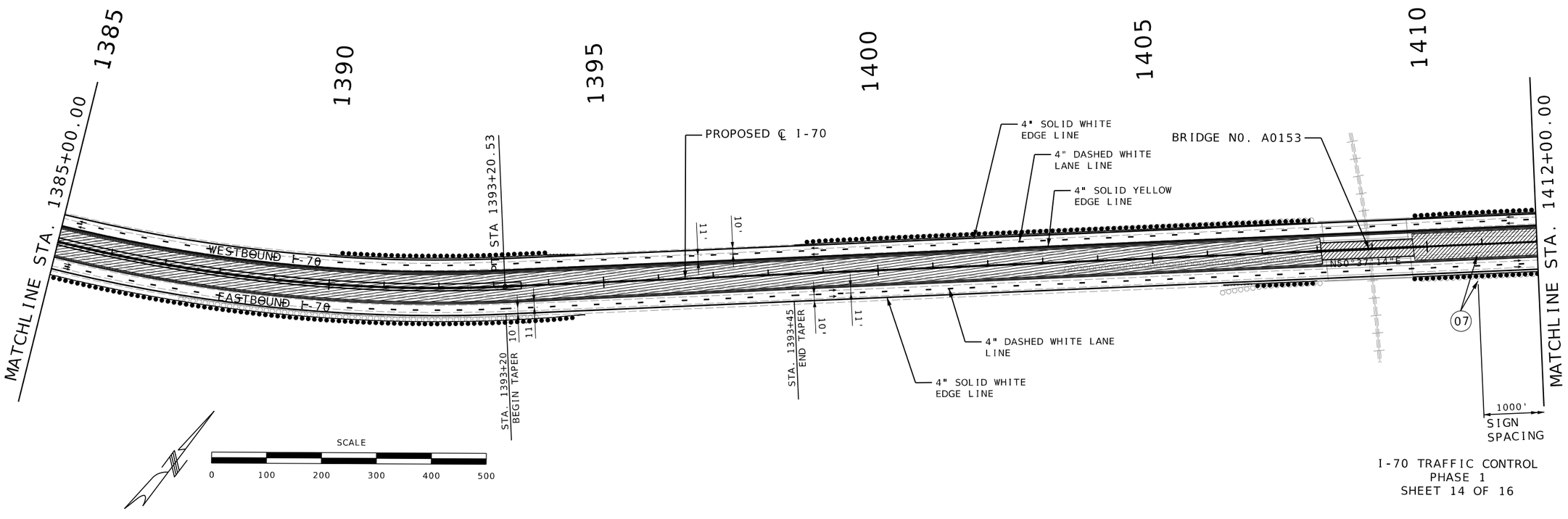
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 1
SHEET 14 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

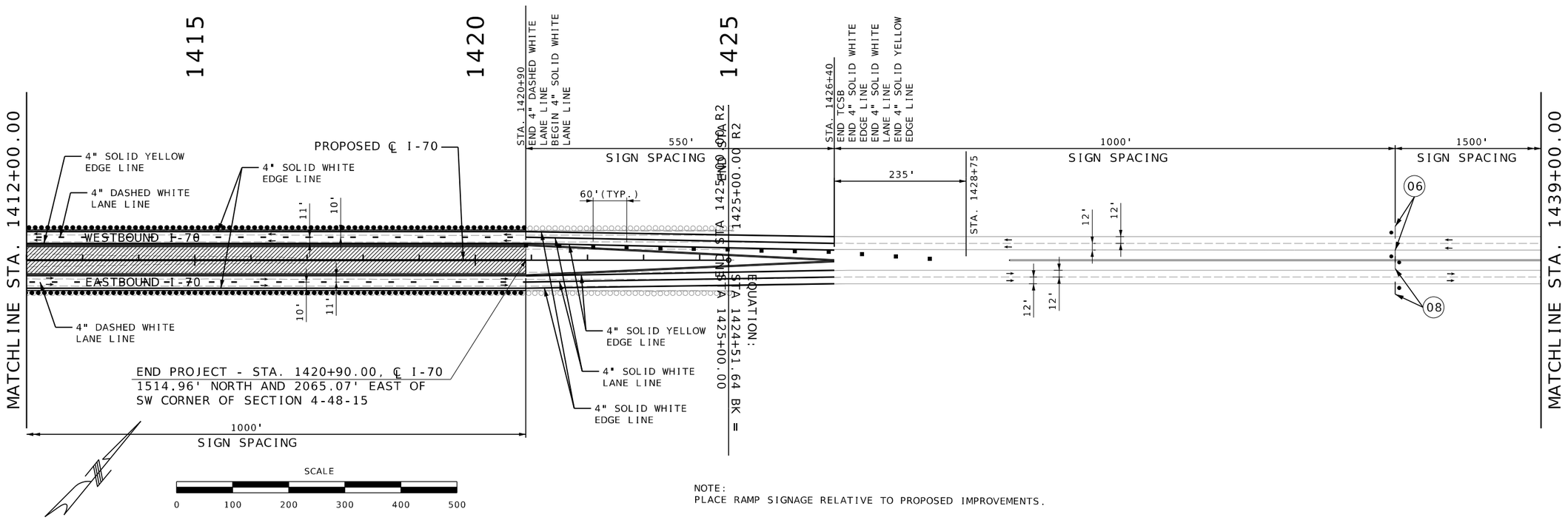
| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 133 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 15 OF 16

RONNIE L. WILLIAMS
NUMBER PE-2010000879
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 134 |

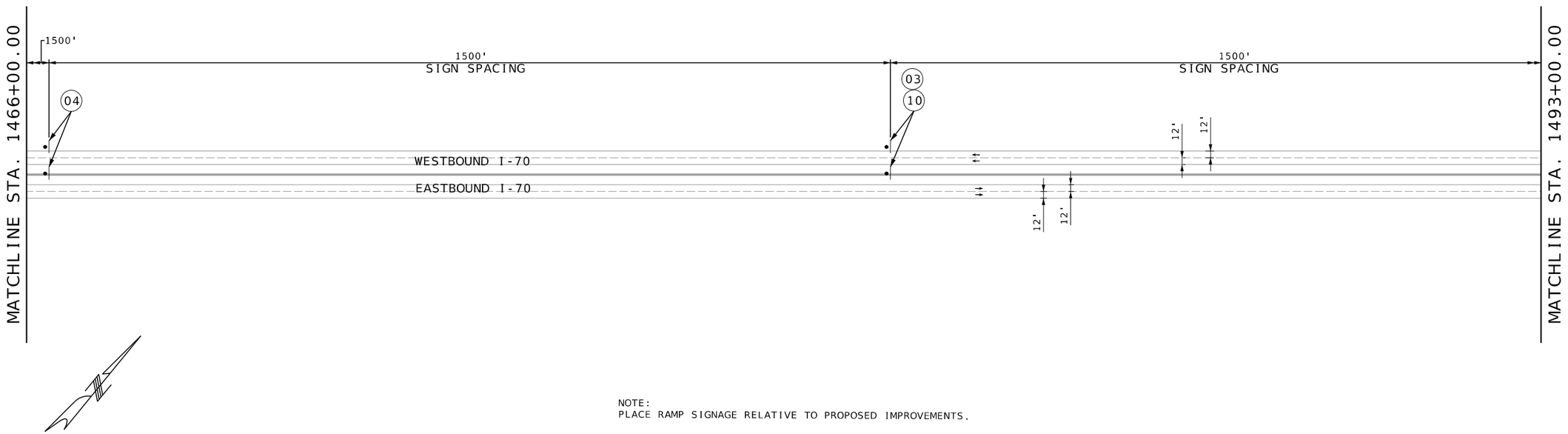
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

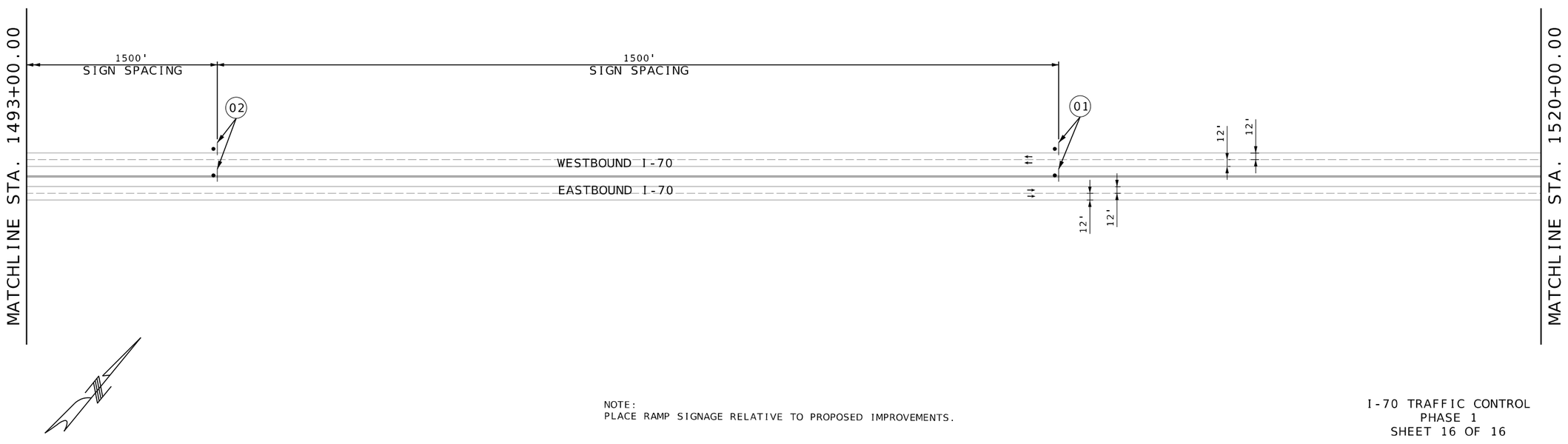
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 1
SHEET 16 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 135 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

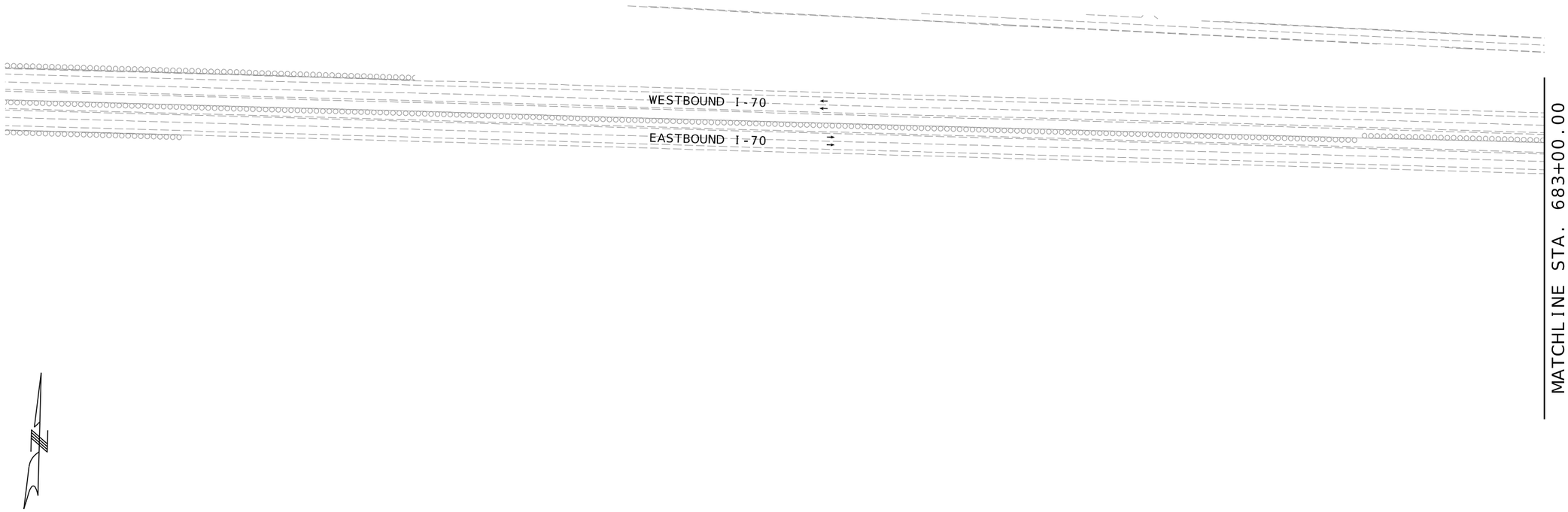
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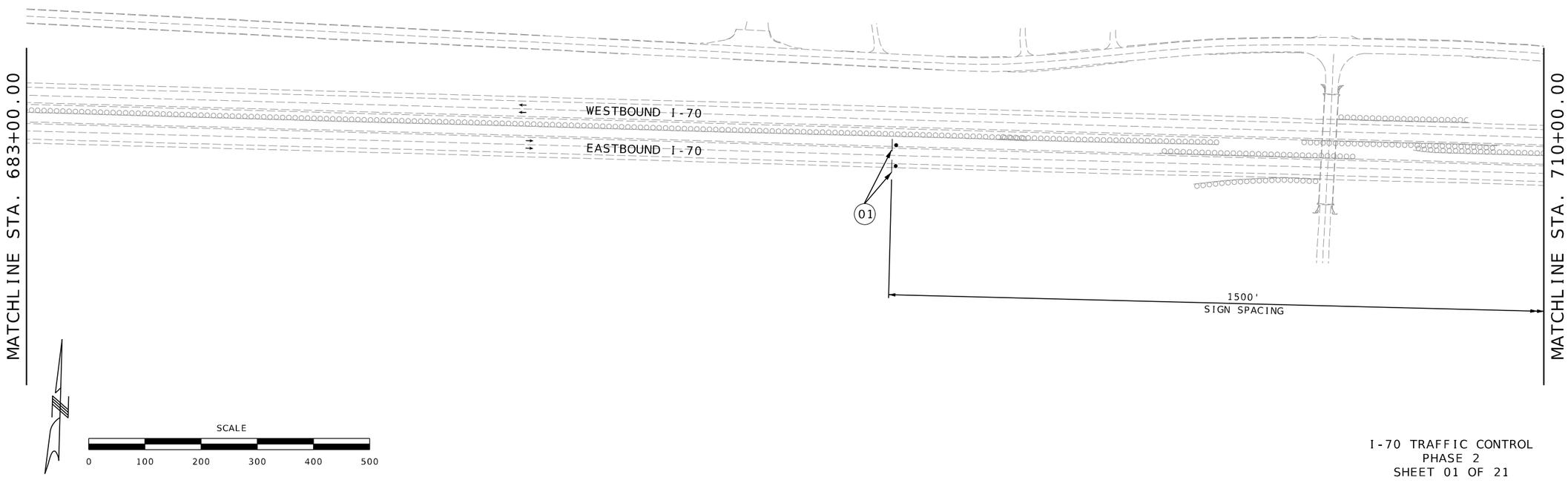
| DESCRIPTION | DATE |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 01 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 136 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

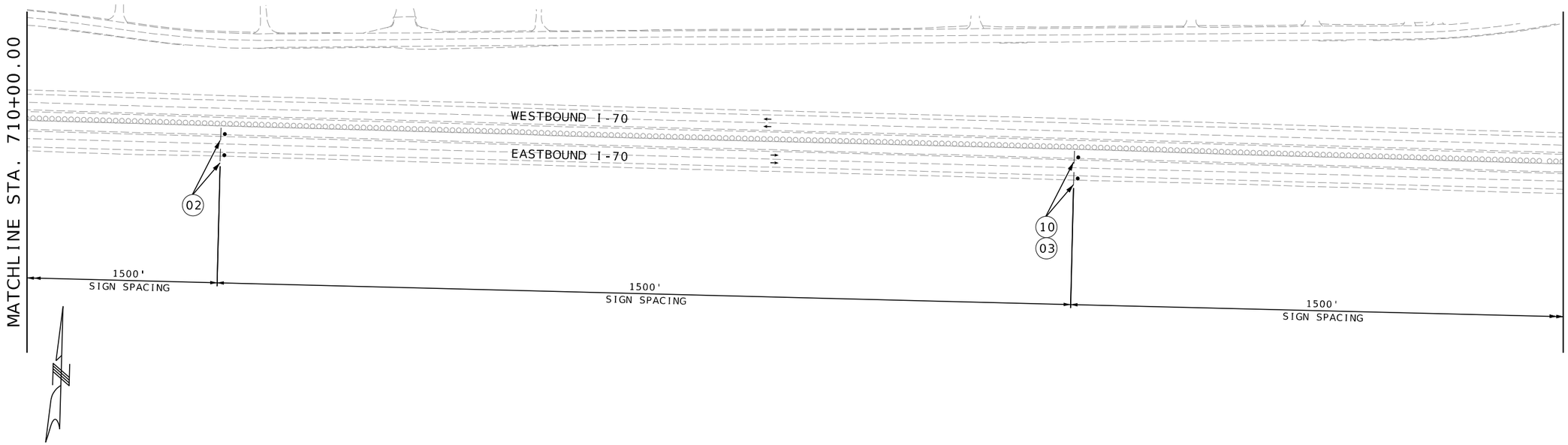
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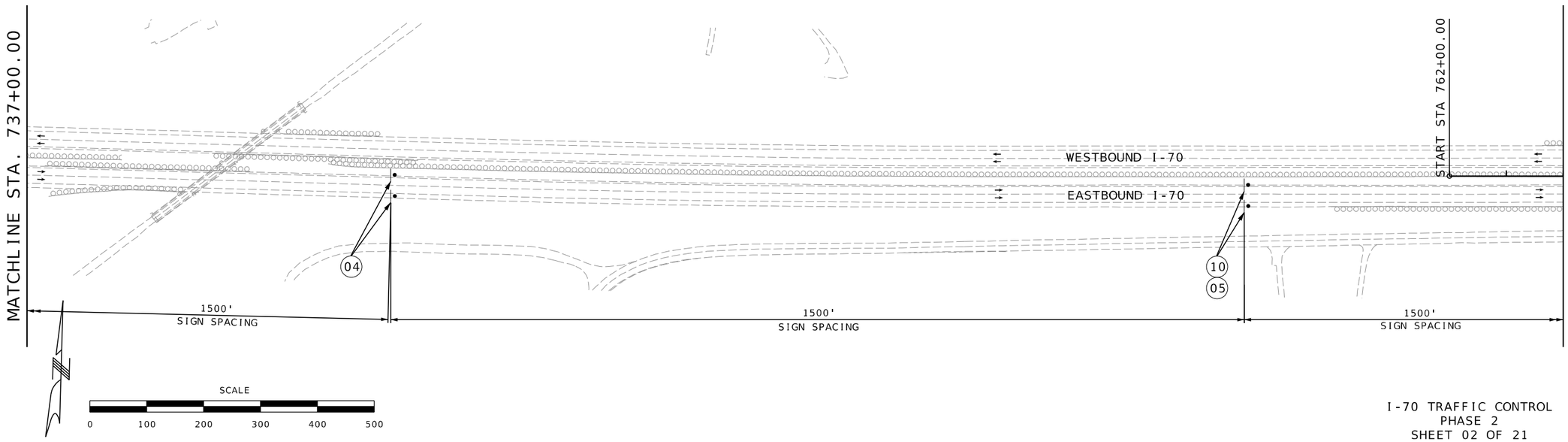
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 02 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

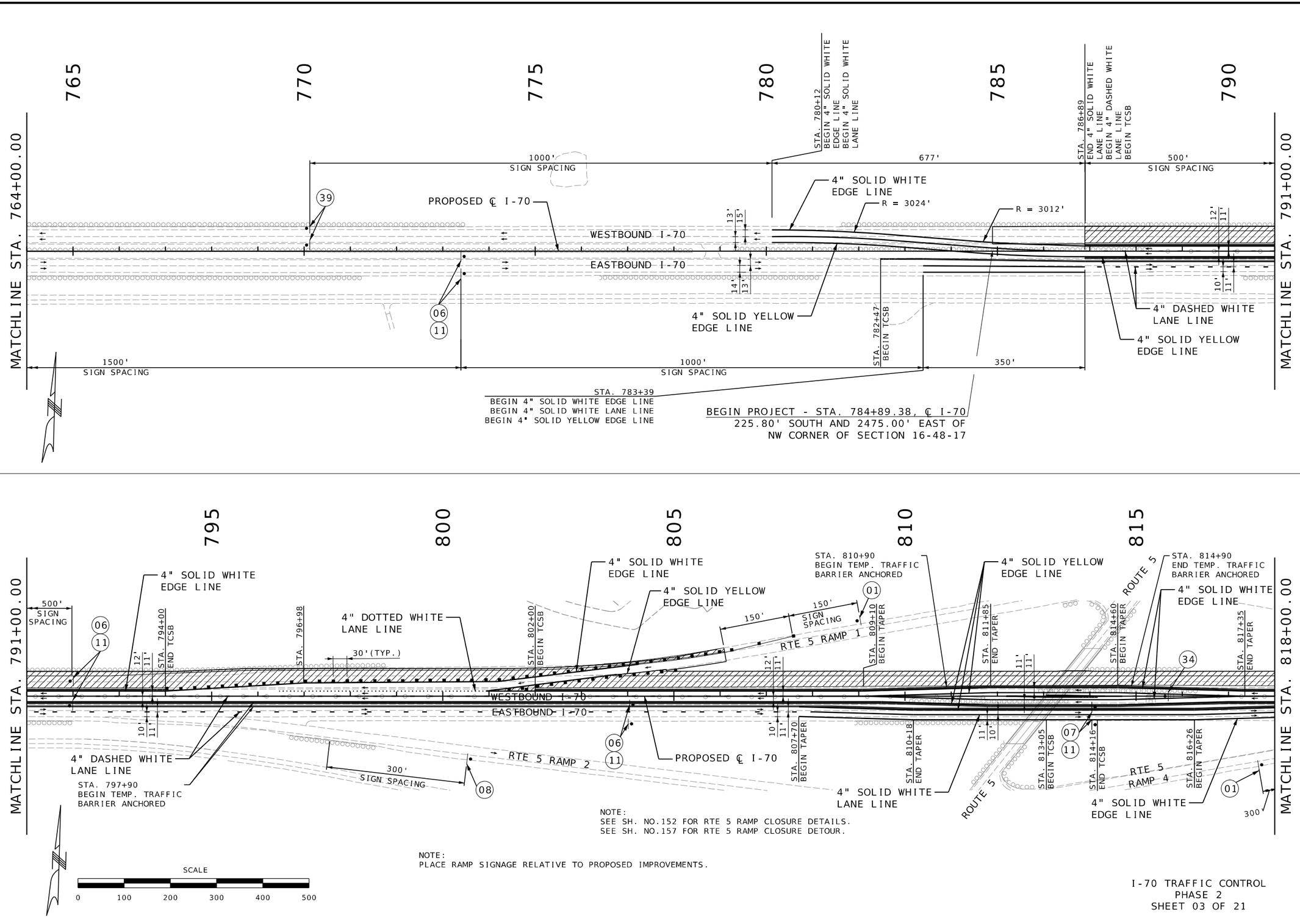
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 137 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
SEE SH. NO.152 FOR RTE 5 RAMP CLOSURE DETAILS.
SEE SH. NO.157 FOR RTE 5 RAMP CLOSURE DETOUR.

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 2
SHEET 03 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 138 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

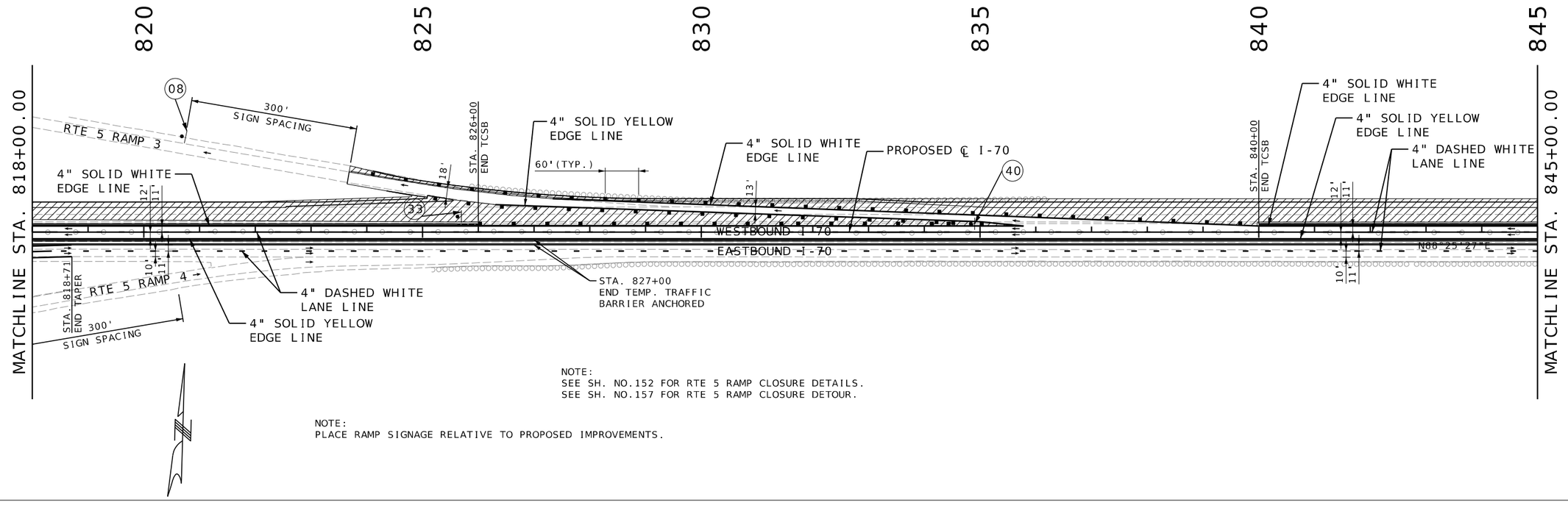
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

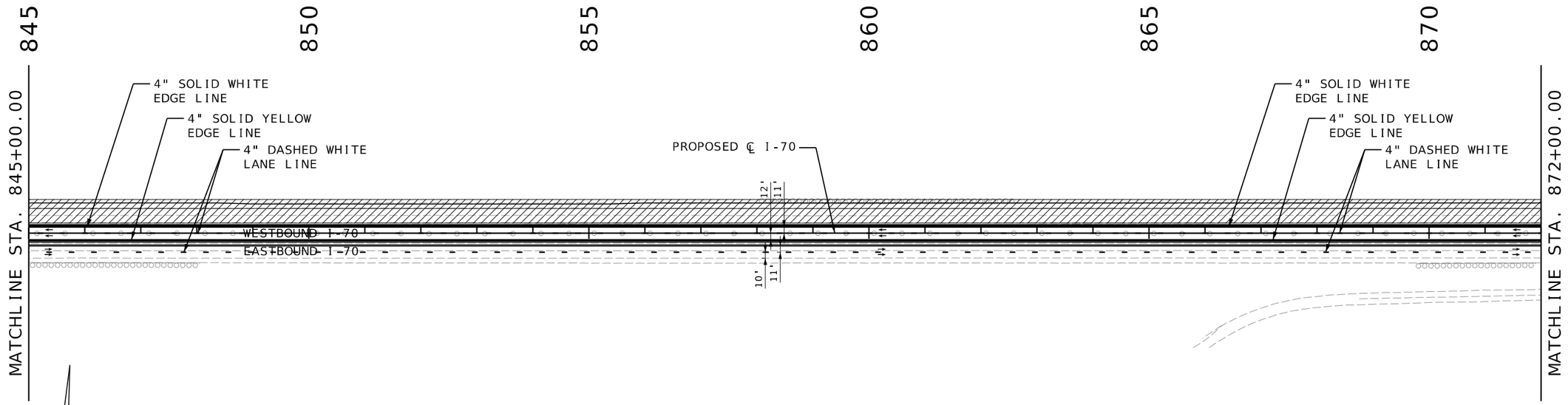
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOTE:
SEE SH. NO.152 FOR RTE 5 RAMP CLOSURE DETAILS.
SEE SH. NO.157 FOR RTE 5 RAMP CLOSURE DETOUR.

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 04 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

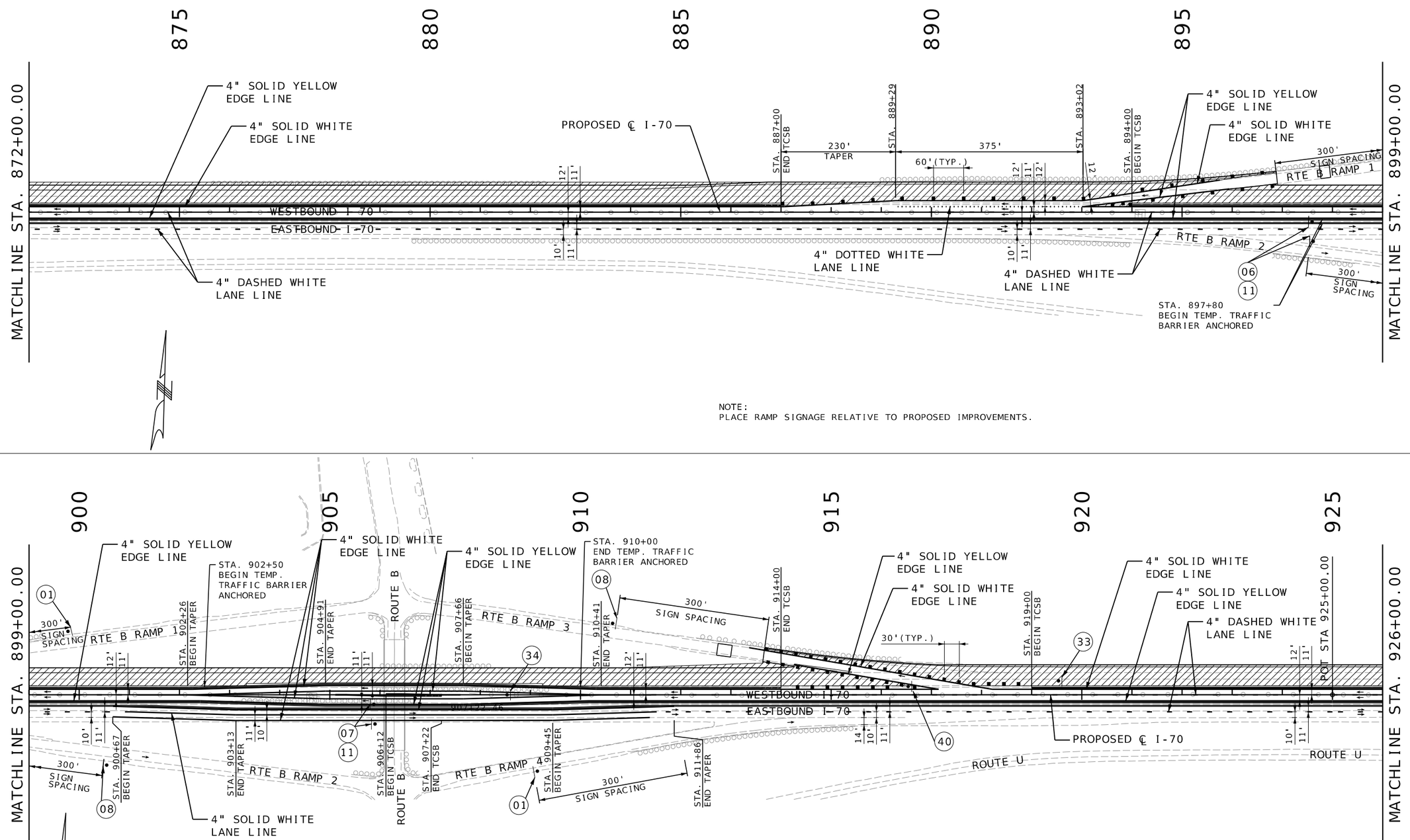
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|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 139 |
| COUNTY | |
| COOPER | |
| JOB NO. | |
| JST0017B | |
| CONTRACT ID. | |
| - | |
| PROJECT NO. | |
| - | |
| BRIDGE NO. | |
| - | |

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

NOTE:
SEE SH. NO.153 FOR RTE B RAMP CLOSURE DETAILS.
SEE SH. NO.158 FOR RTE B RAMP CLOSURE DETOUR.

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 2
SHEET 05 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 140 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

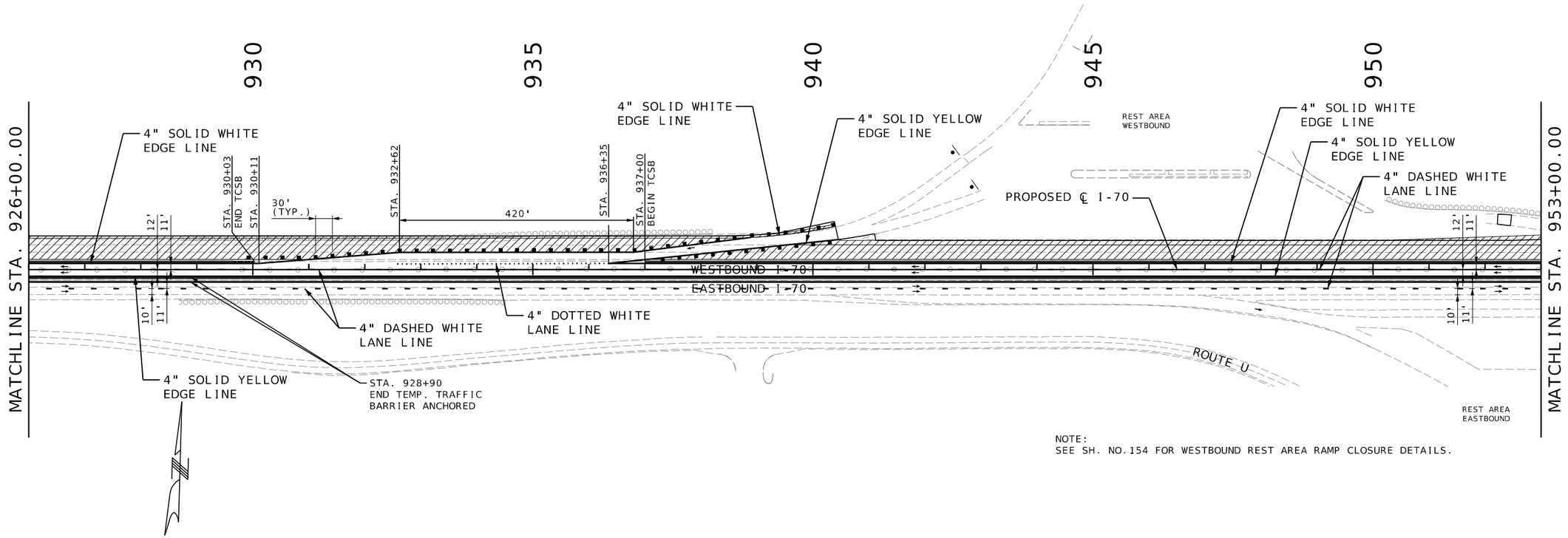
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

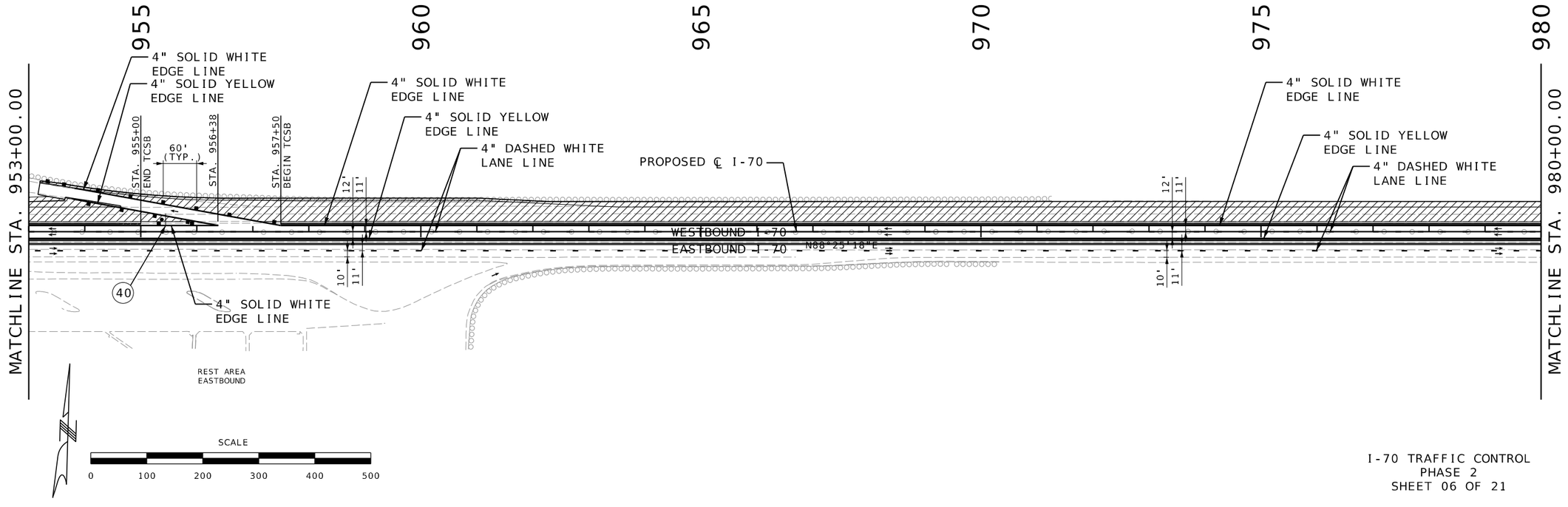
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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NOTE:
SEE SH. NO.154 FOR WESTBOUND REST AREA RAMP CLOSURE DETAILS.




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 06 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 141 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

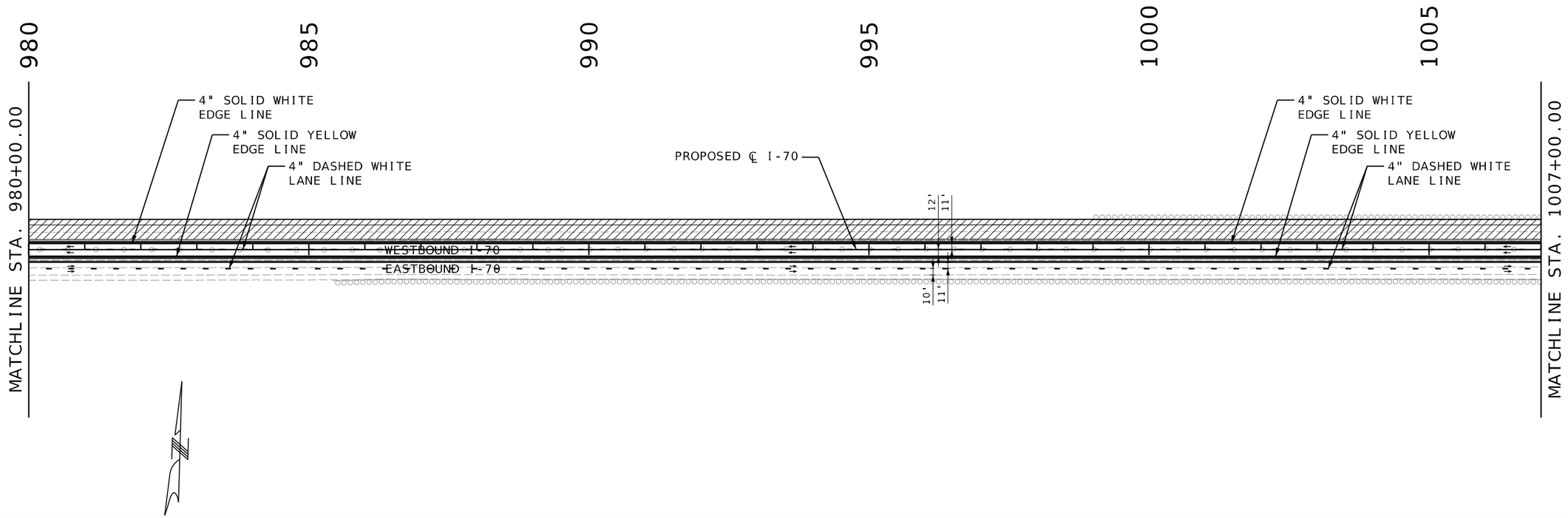
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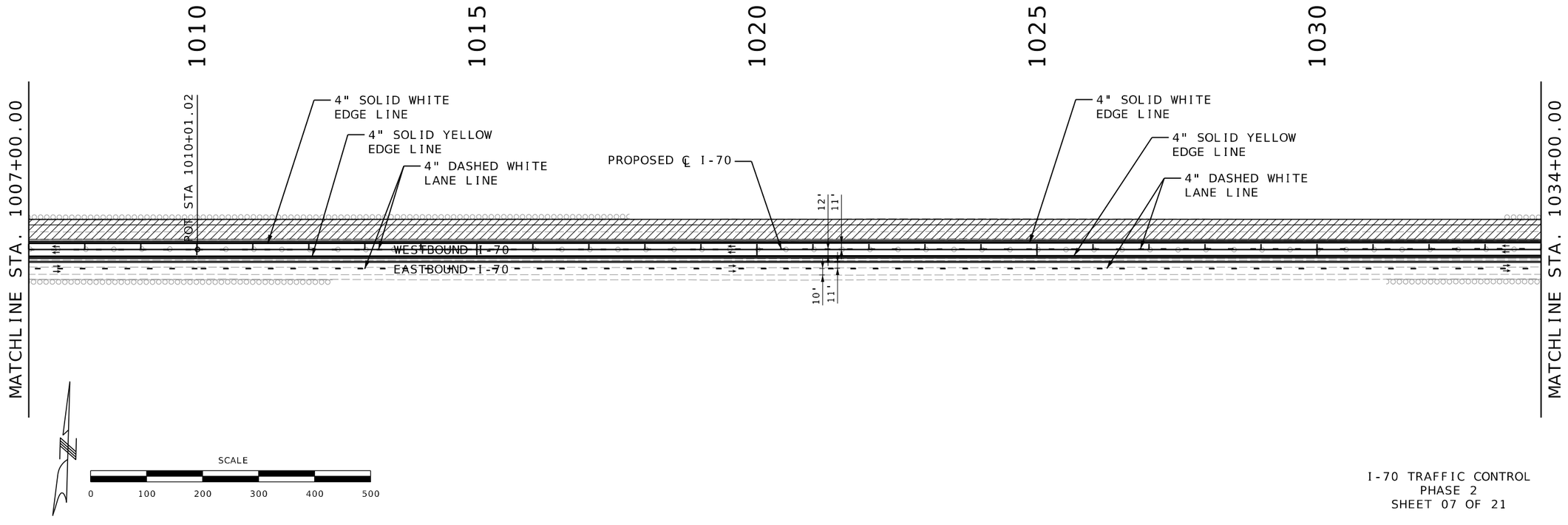
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 07 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 142 |

COUNTY: COOPER

JOB NO.: JST0017B

CONTRACT ID.: -

PROJECT NO.: -

BRIDGE NO.: -

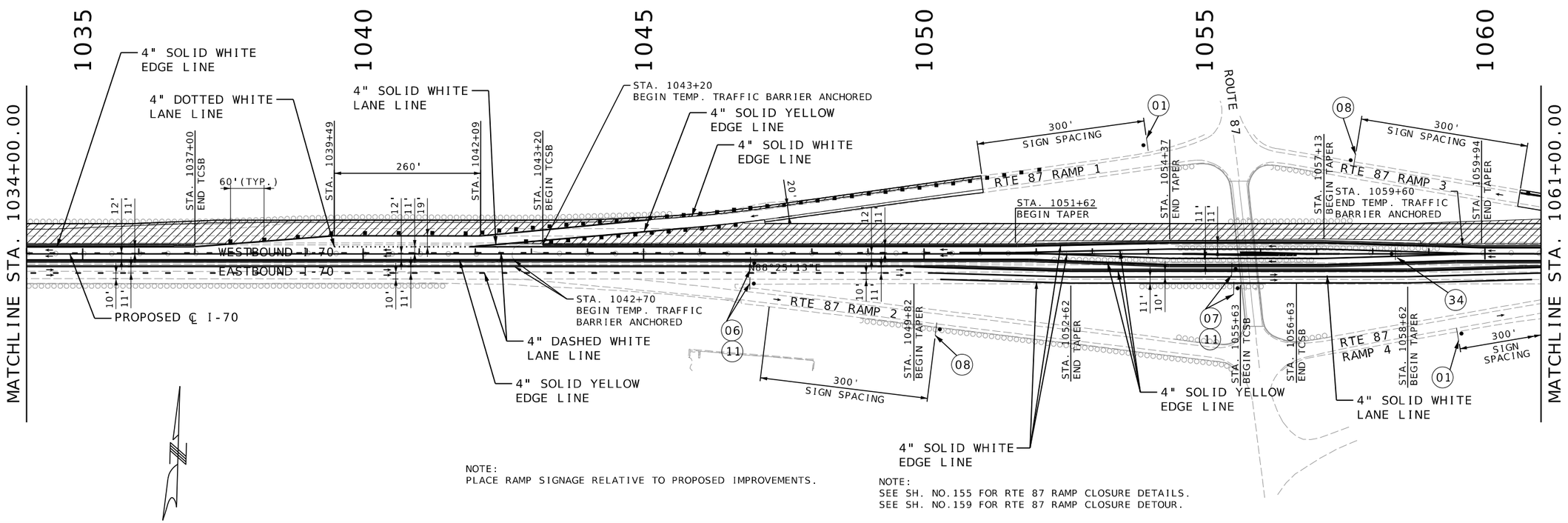
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

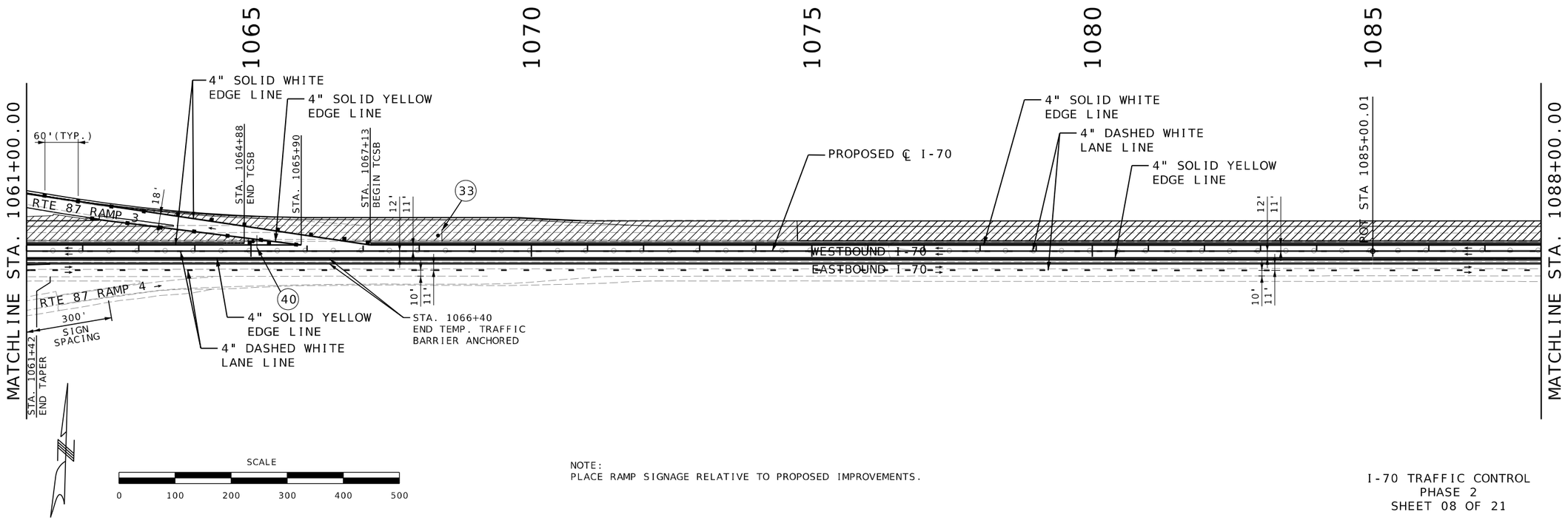
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

NOTE:
SEE SH. NO.155 FOR RTE 87 RAMP CLOSURE DETAILS.
SEE SH. NO.159 FOR RTE 87 RAMP CLOSURE DETOUR.




SCALE
0 100 200 300 400 500

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 2
SHEET 08 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 143 |

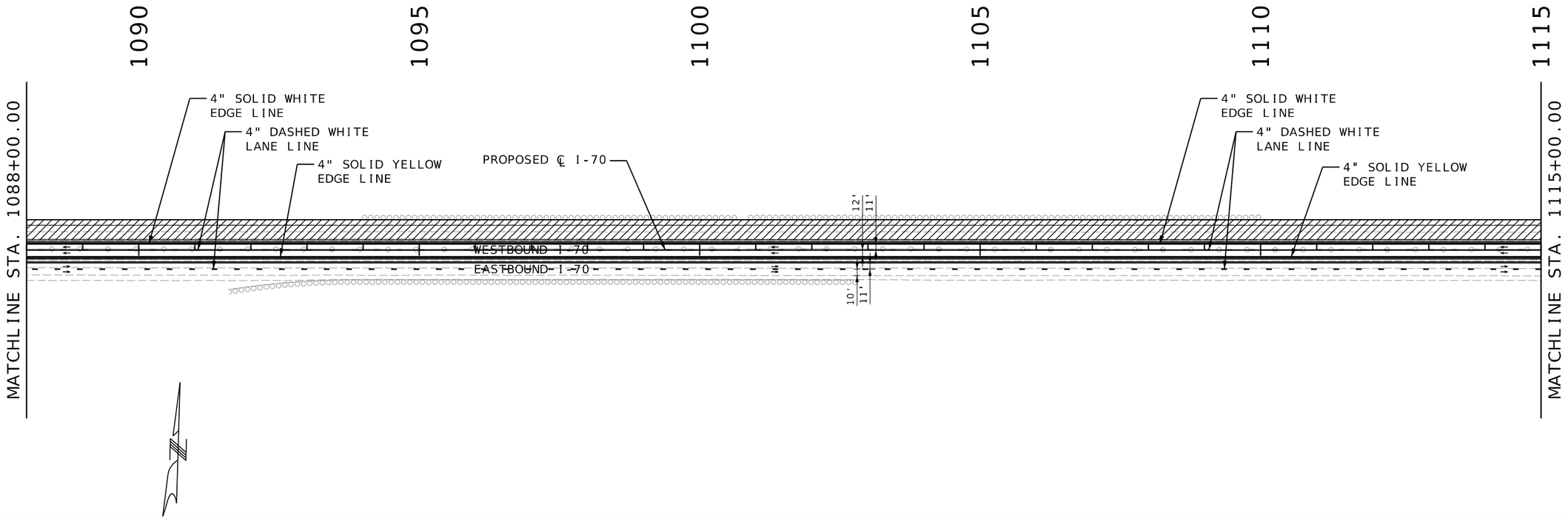
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

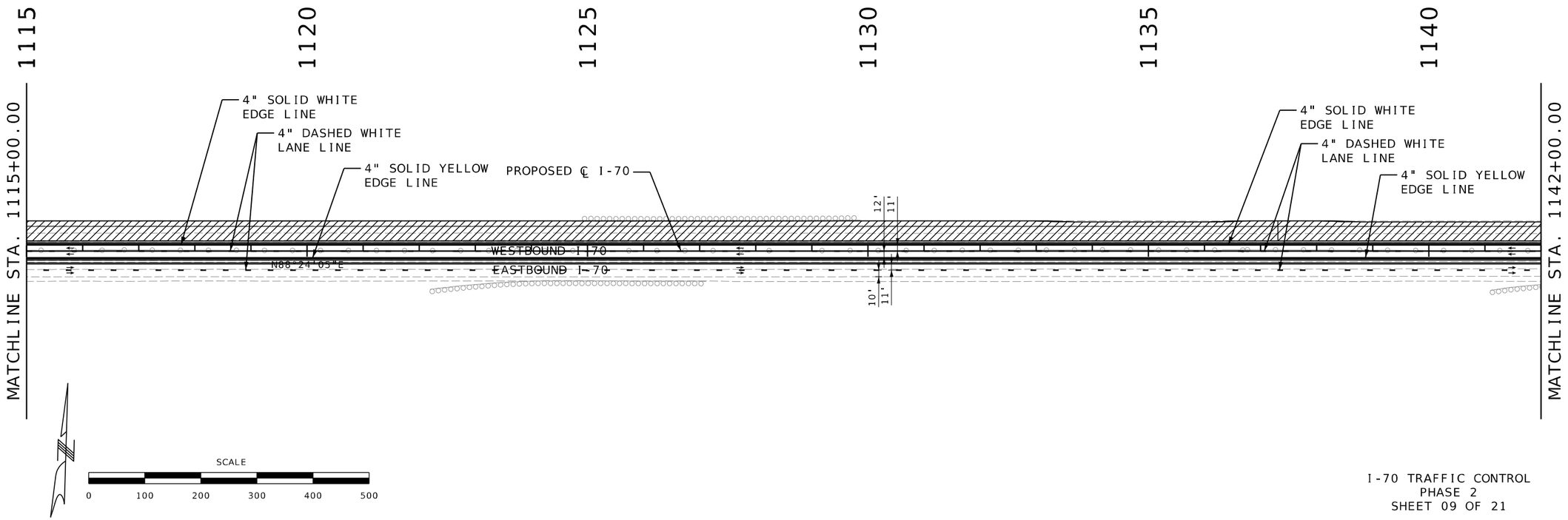
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 2
SHEET 09 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 144 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

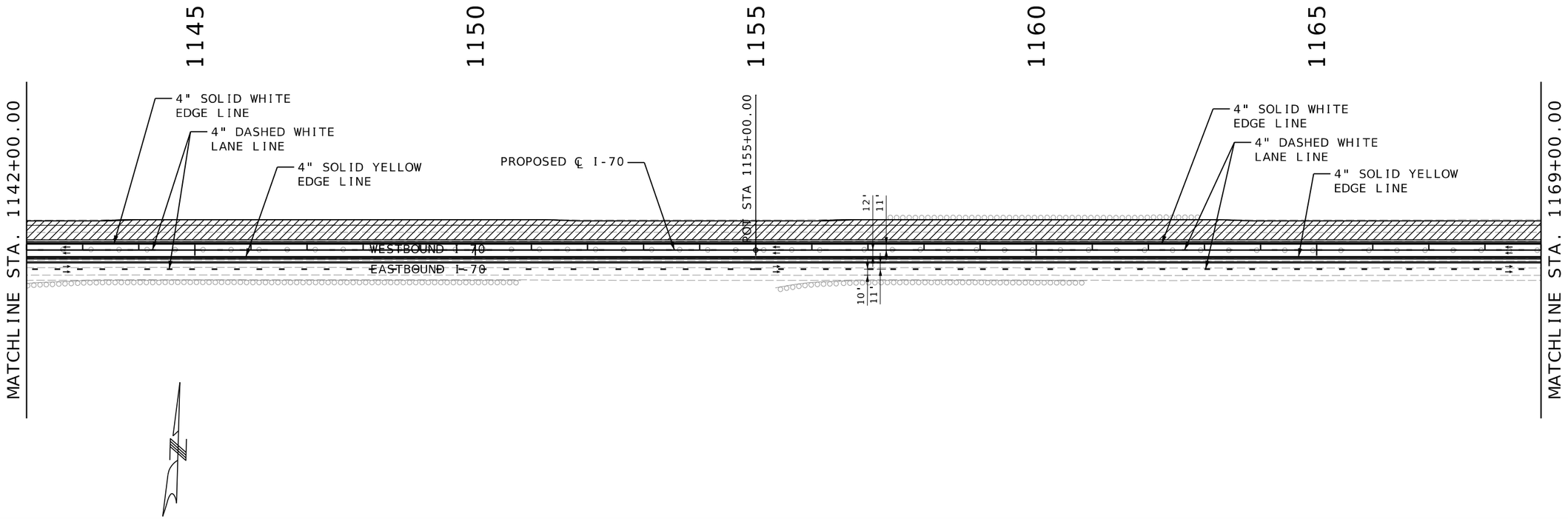
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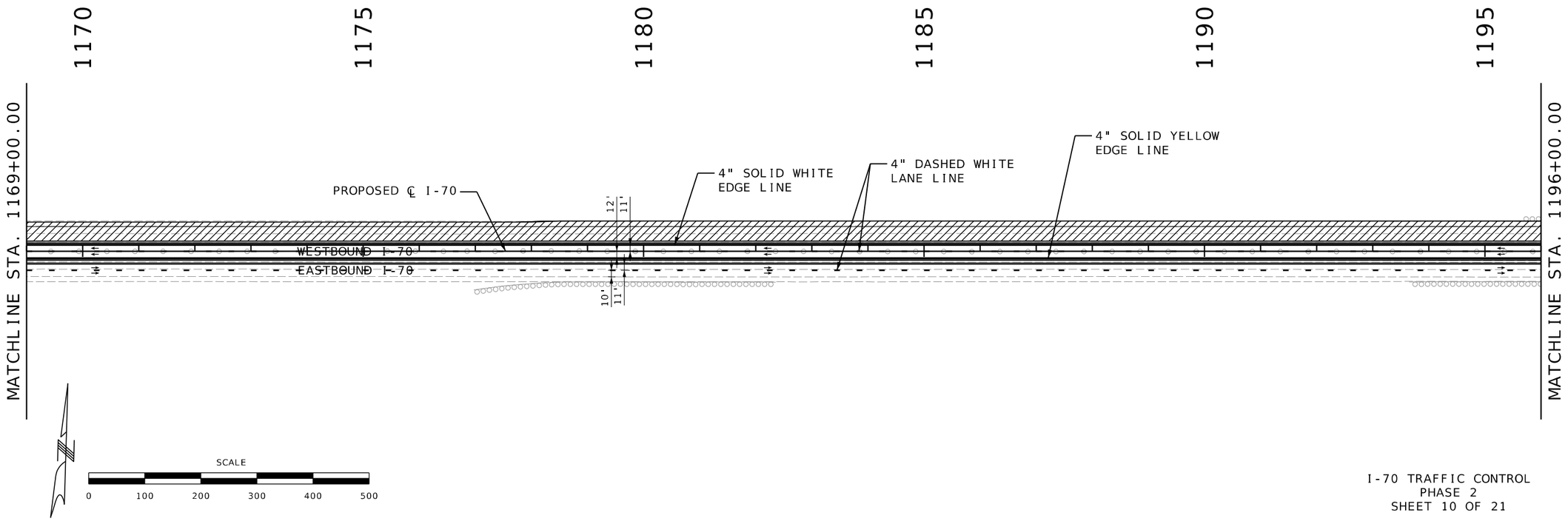
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 10 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

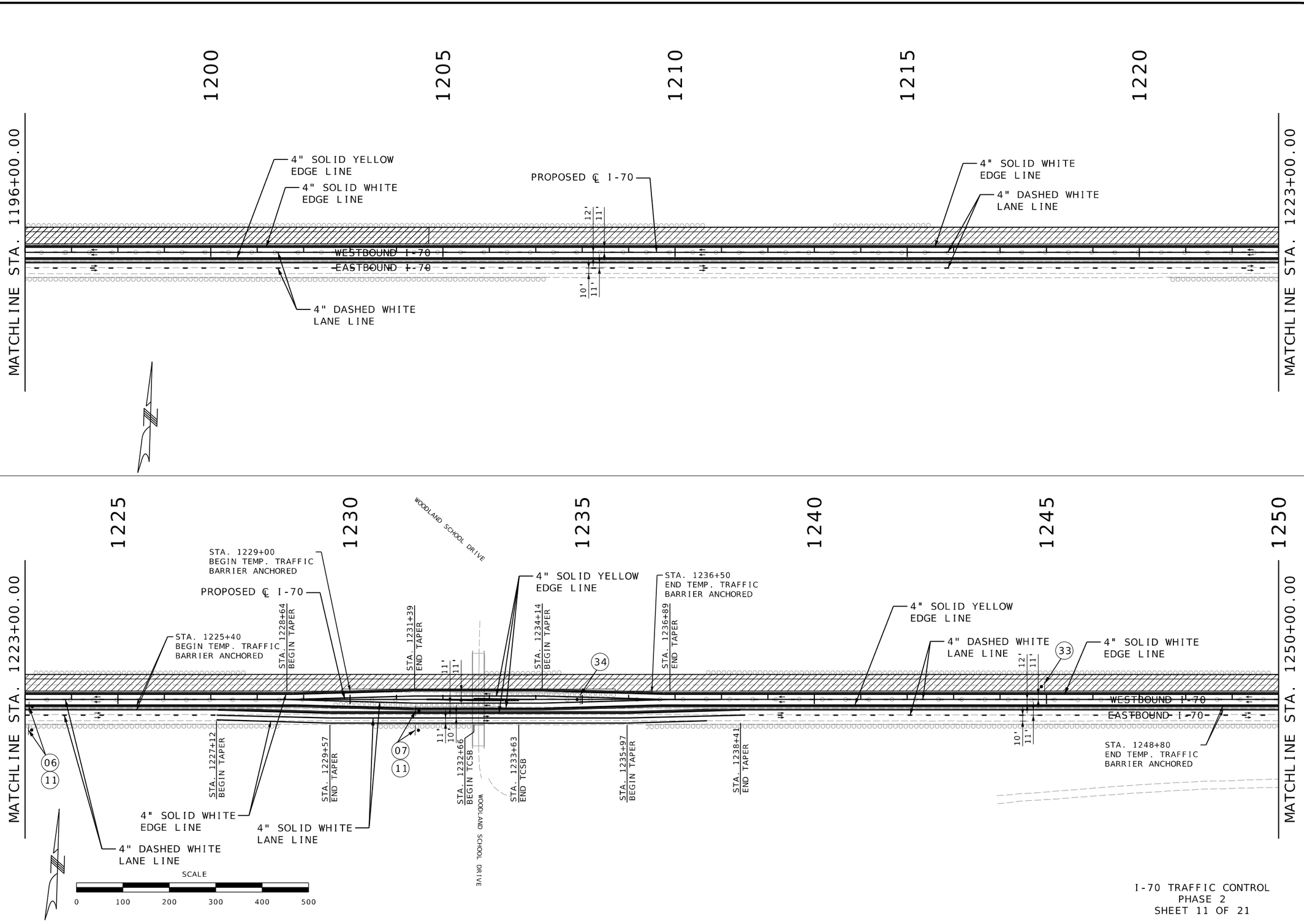
| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 145 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 11 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 146 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

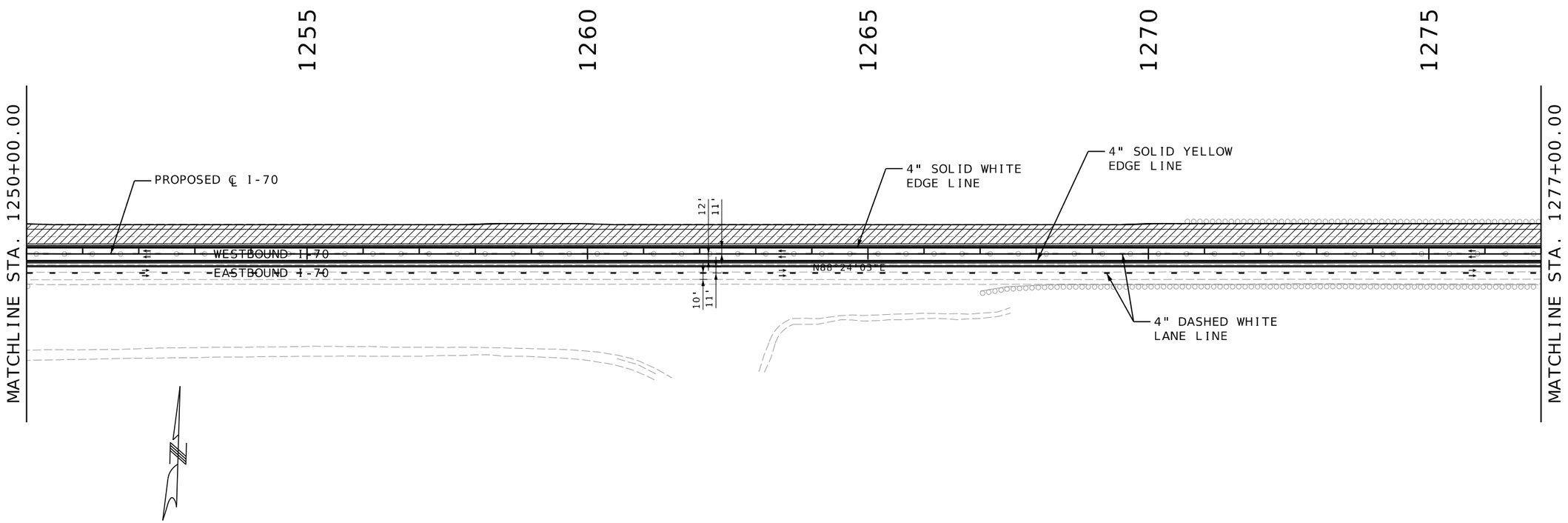
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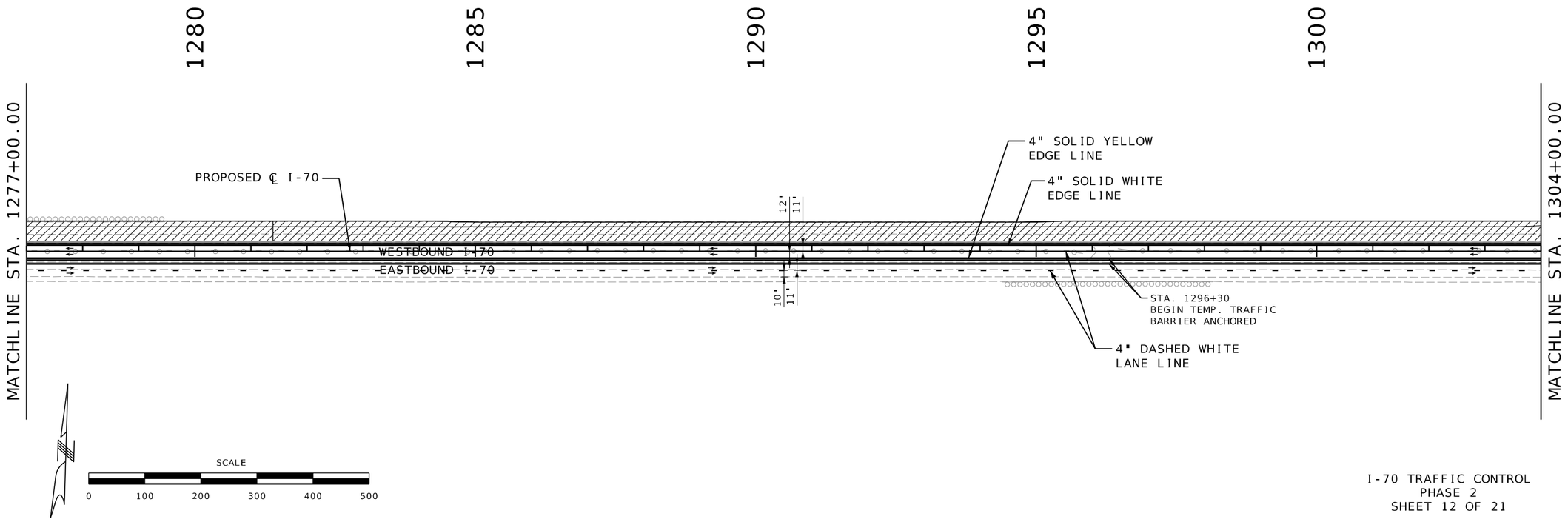
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 12 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 147 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

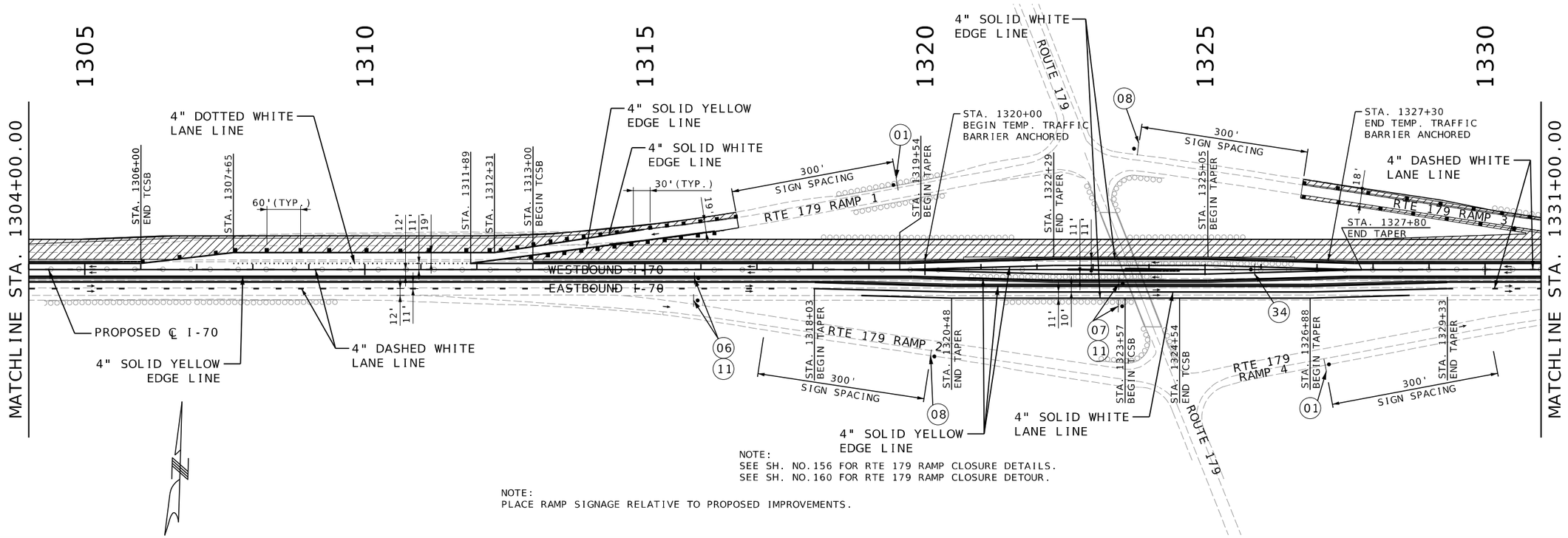
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| DESCRIPTION | DATE |
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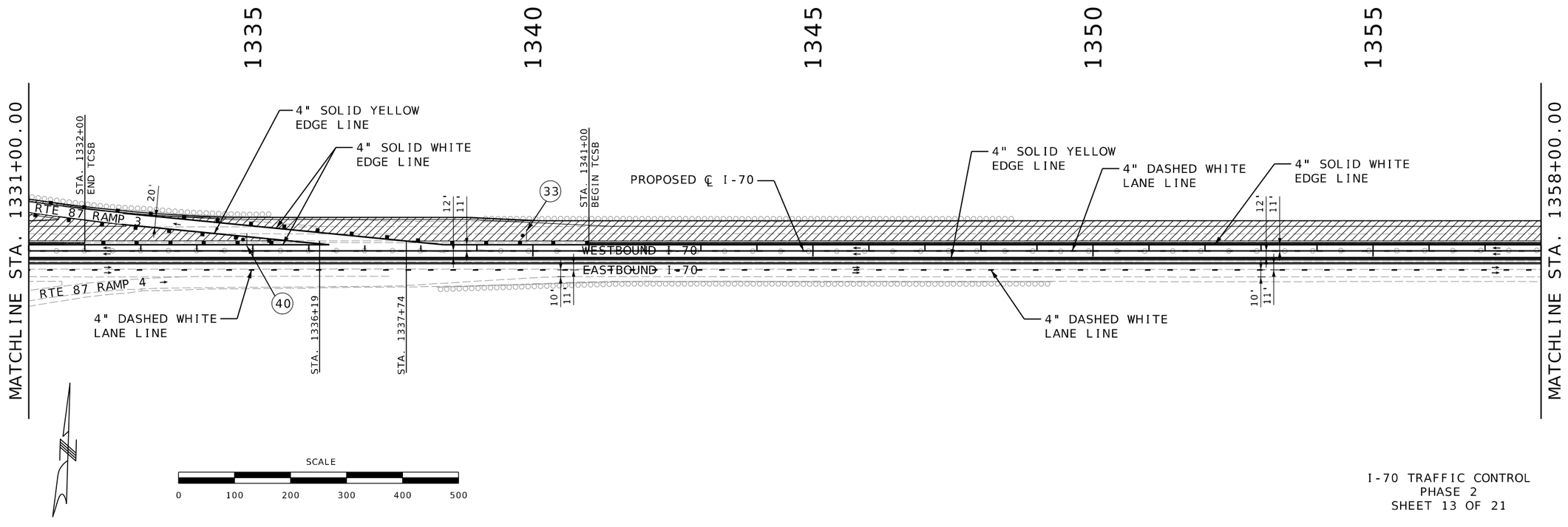
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
SEE SH. NO.156 FOR RTE 179 RAMP CLOSURE DETAILS.
SEE SH. NO.160 FOR RTE 179 RAMP CLOSURE DETOUR.

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




SCALE
0 100 200 300 400 500

I-70 TRAFFIC CONTROL
PHASE 2
SHEET 13 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 148 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

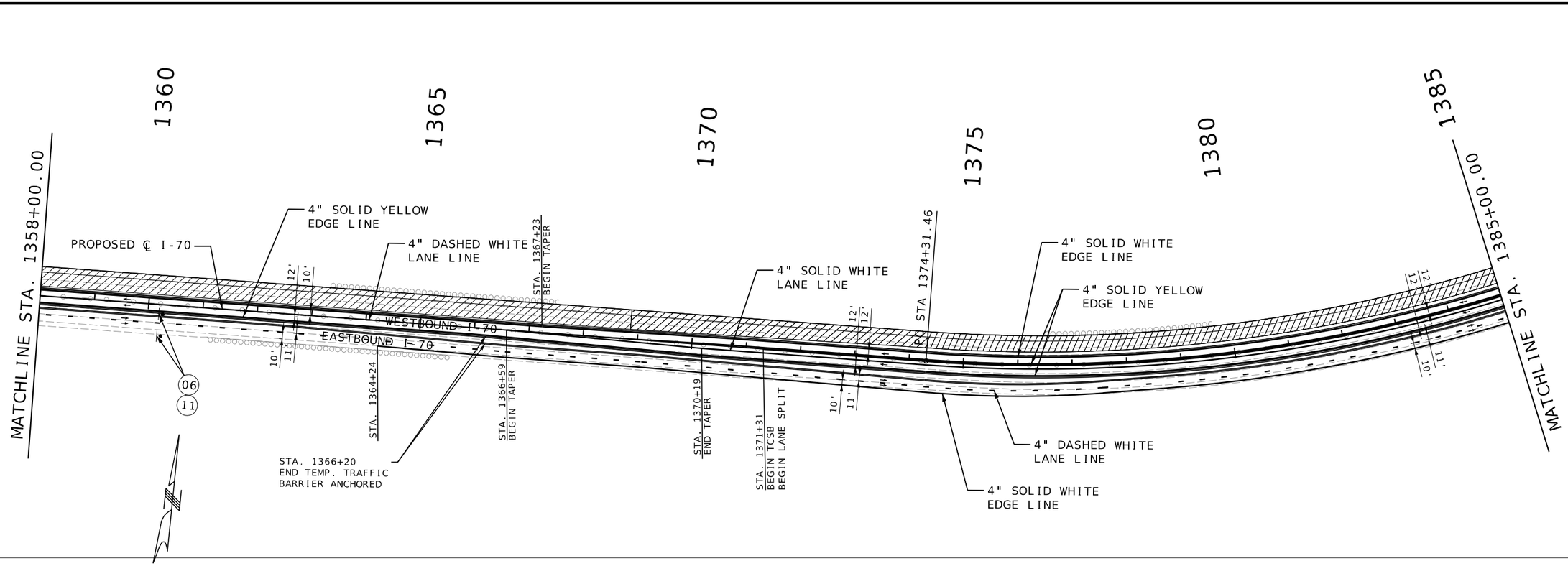
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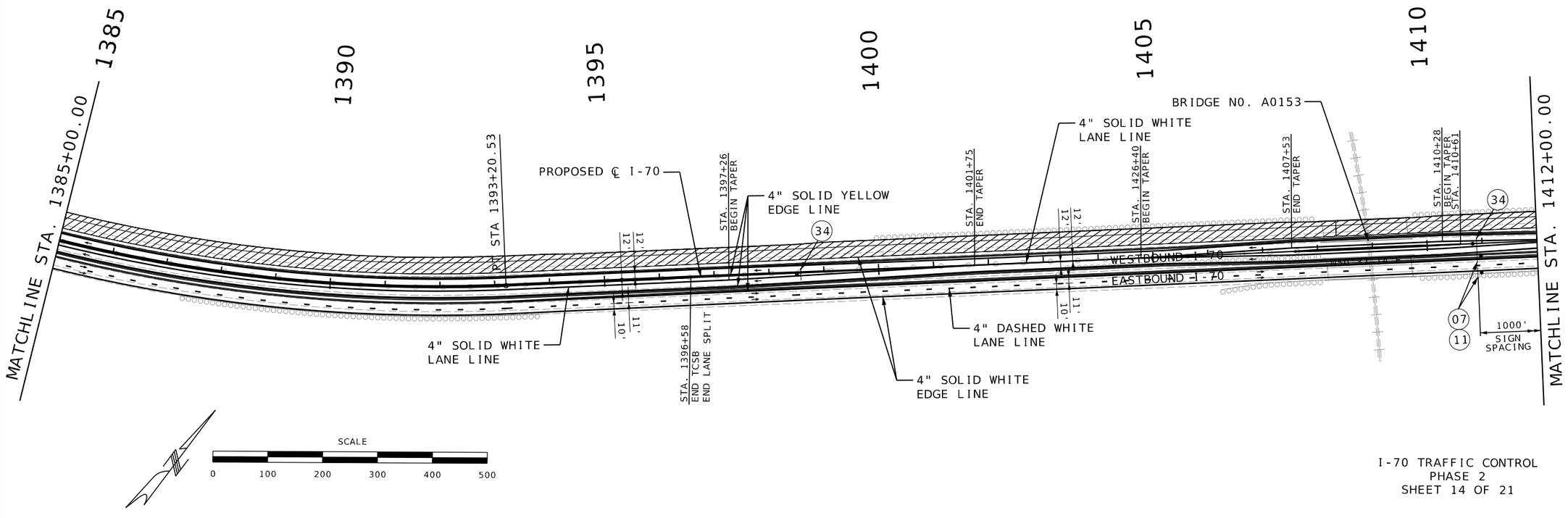
BRIDGE NO.
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| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 14 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 149 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

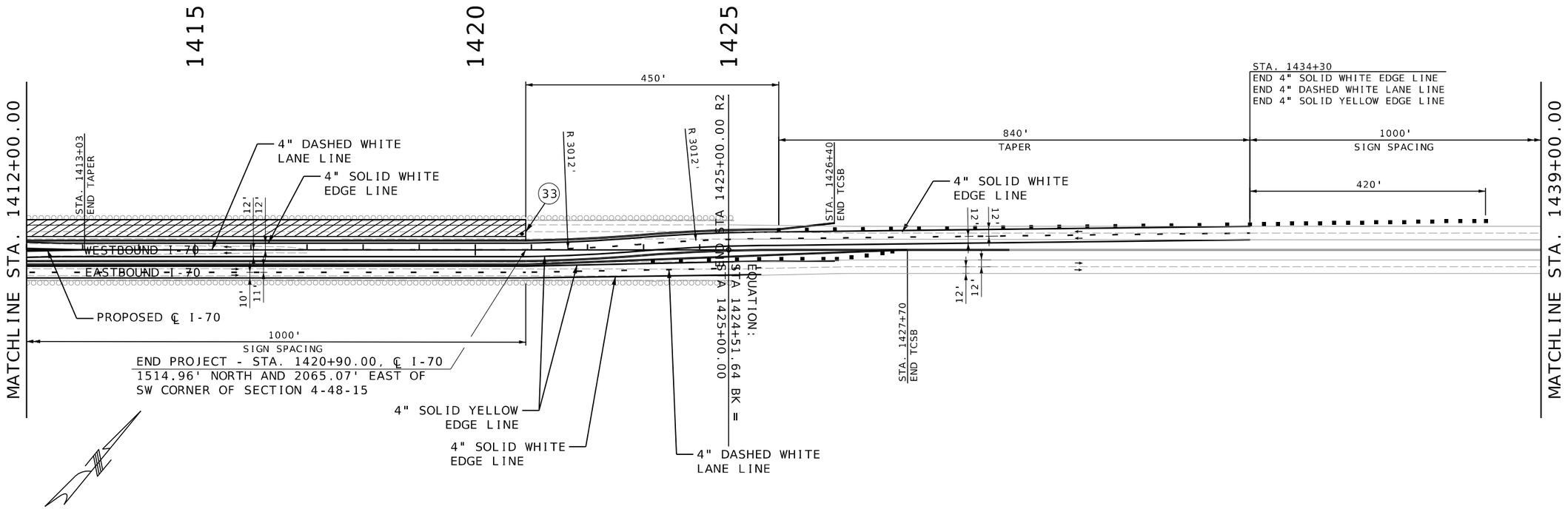
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 15 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 150 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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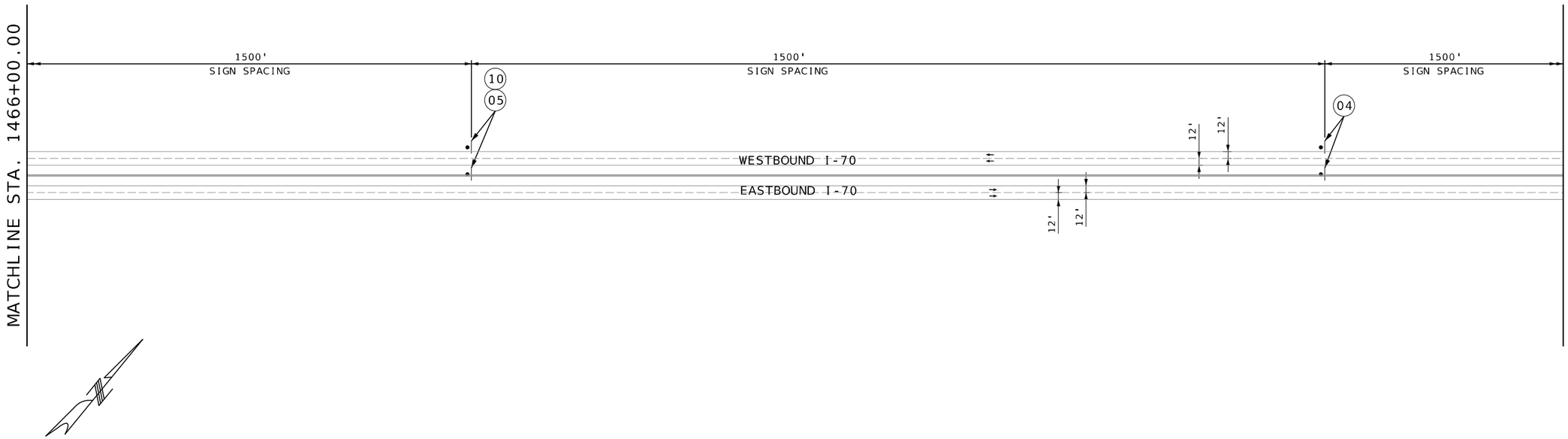
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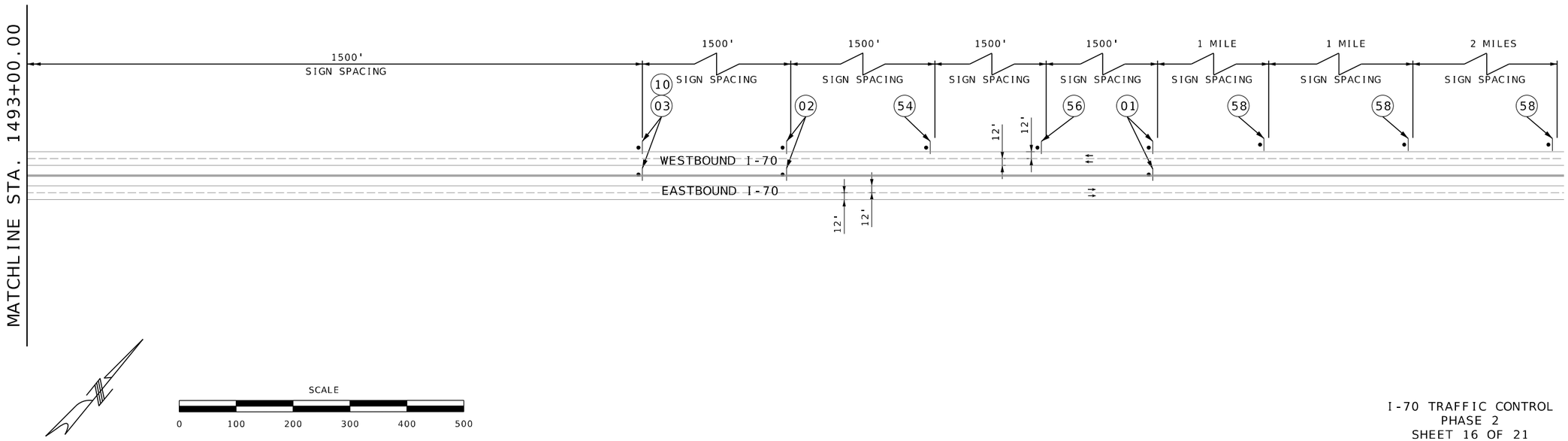
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 2
SHEET 16 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 151 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

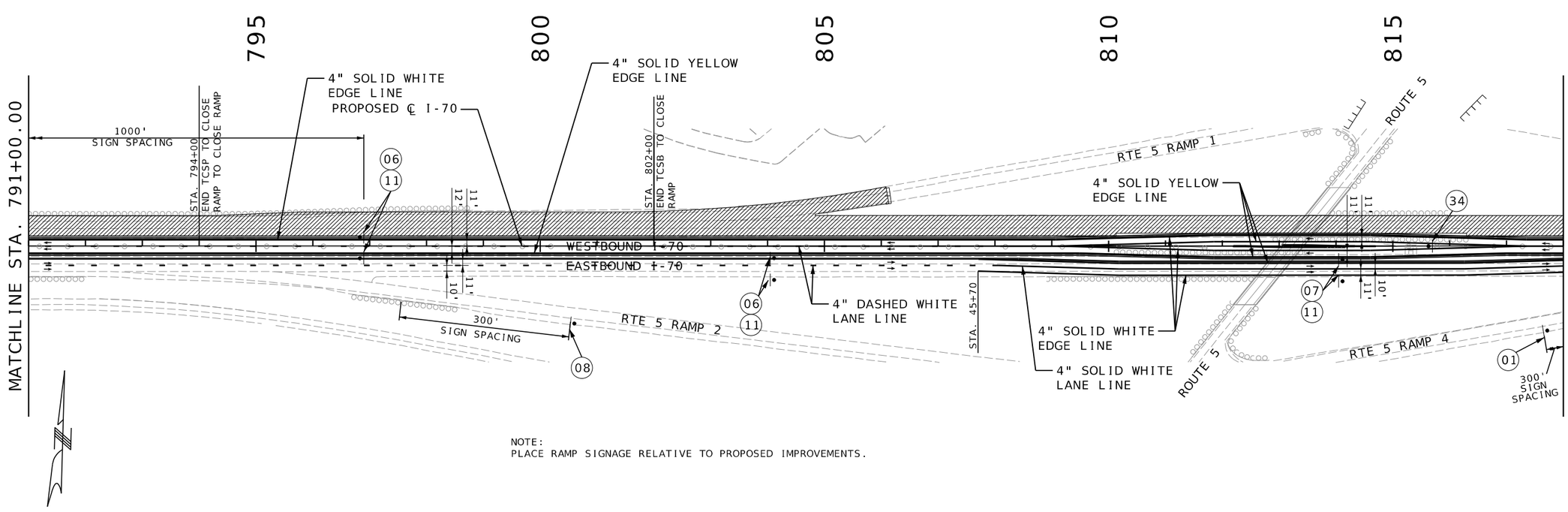
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| DESCRIPTION | DATE |
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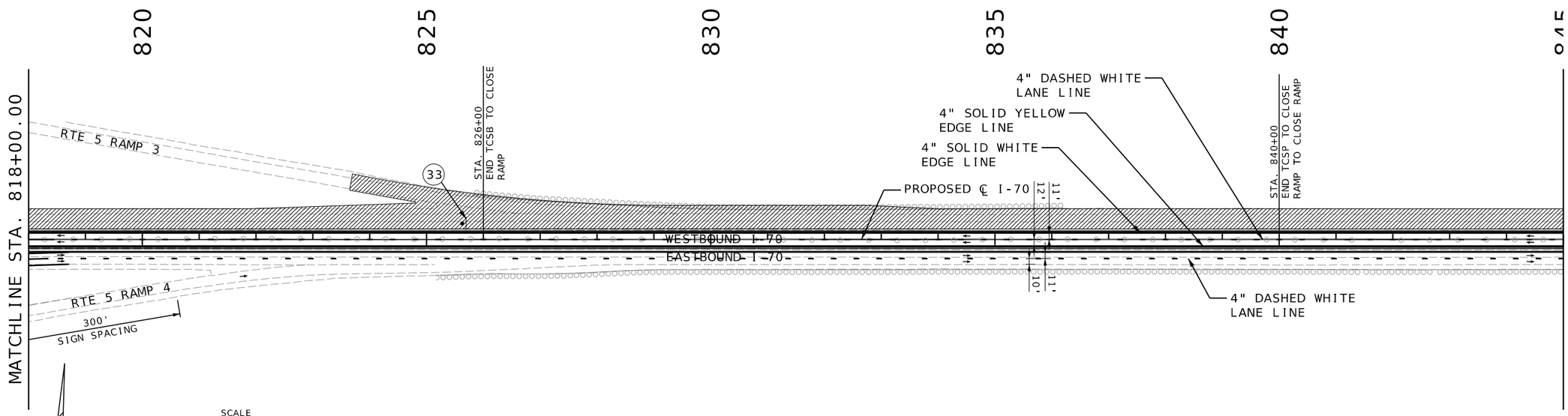
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




SCALE
0 100 200 300 400 500

NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 2A
SHEET 17 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 152 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

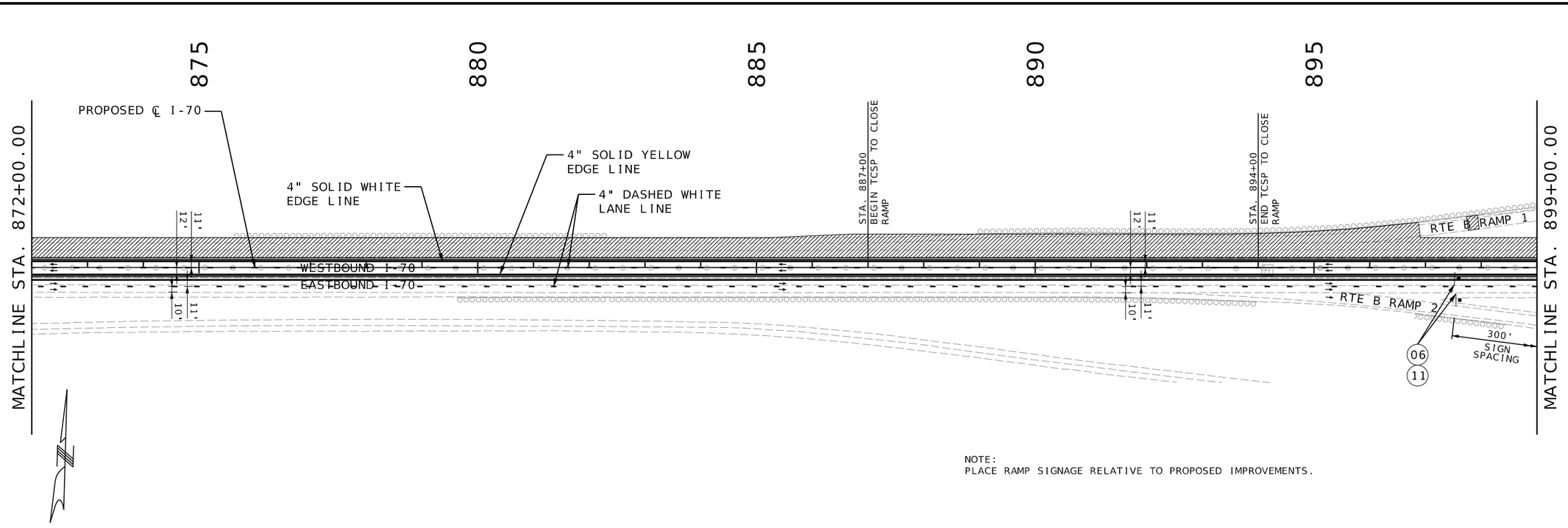
BRIDGE NO.
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| DESCRIPTION | DATE |
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| | |

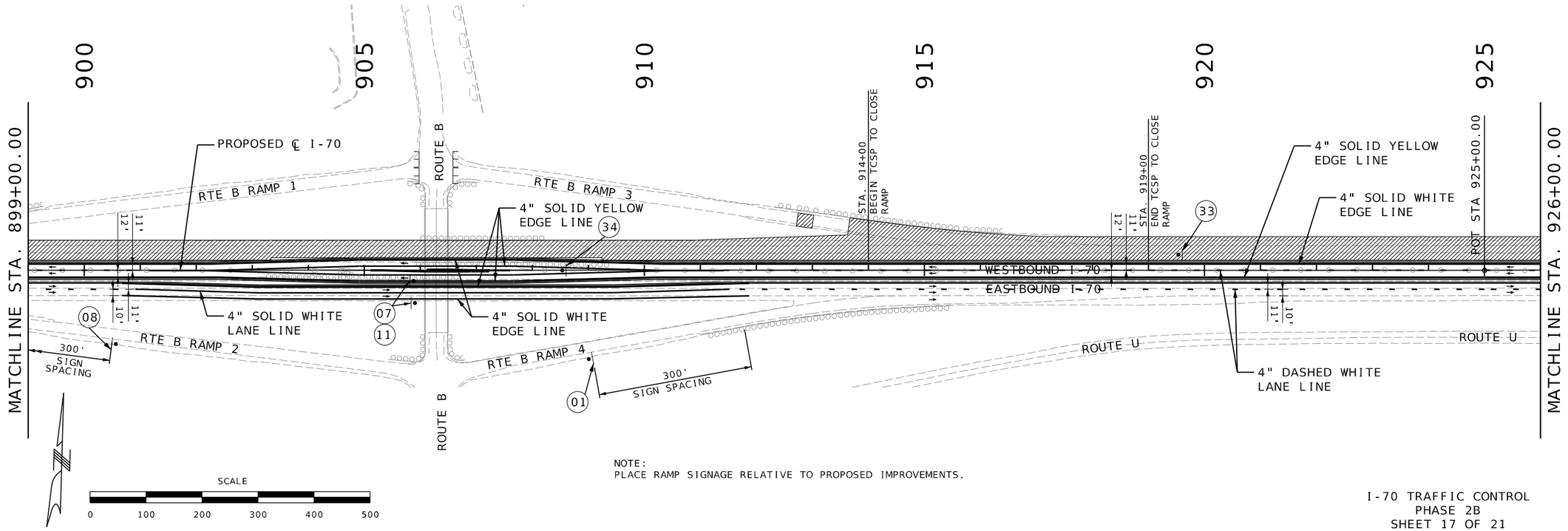
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

SCALE
0 100 200 300 400 500

I-70 TRAFFIC CONTROL
PHASE 2B
SHEET 17 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 153 |

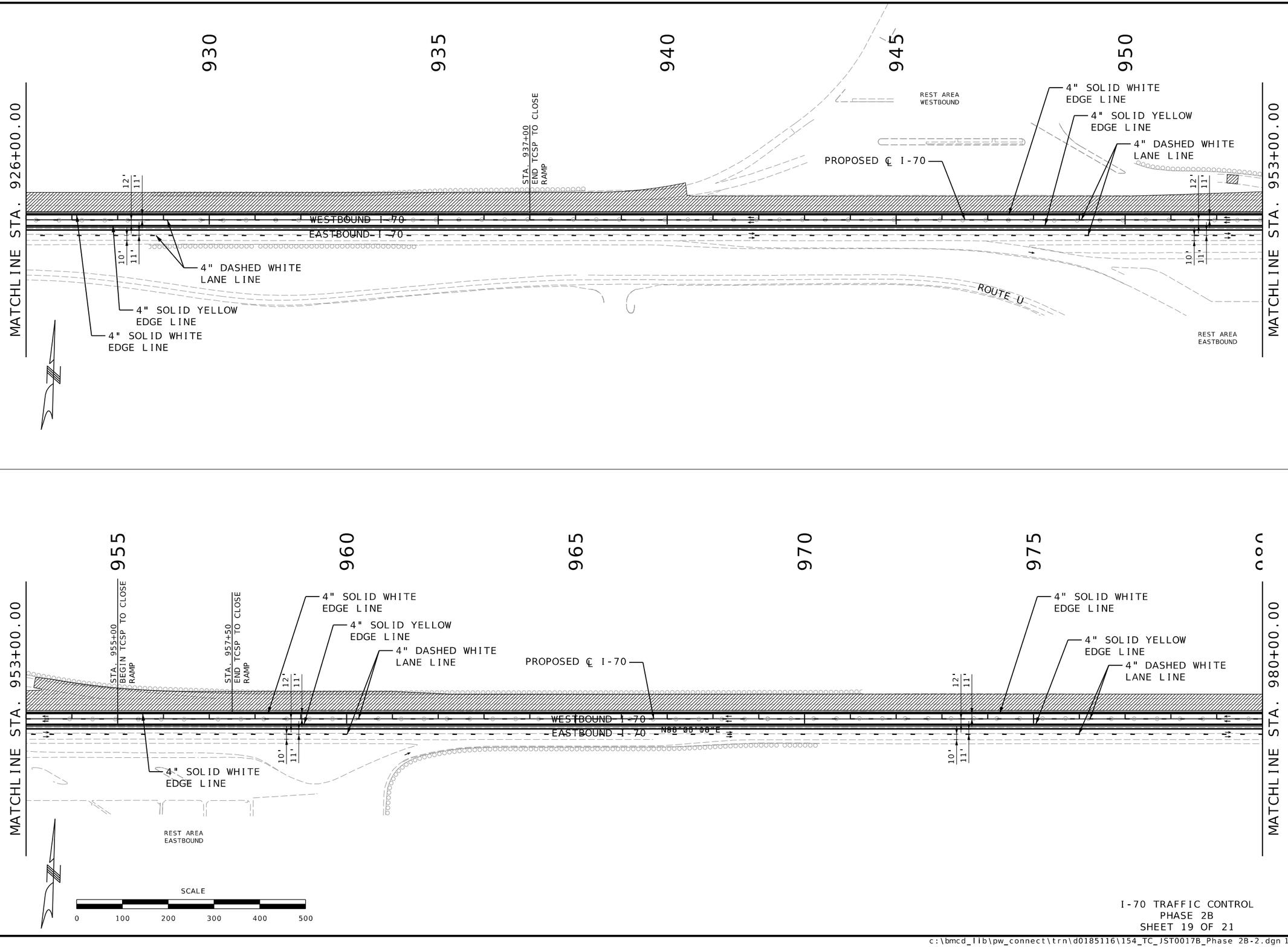
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 2B
SHEET 19 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

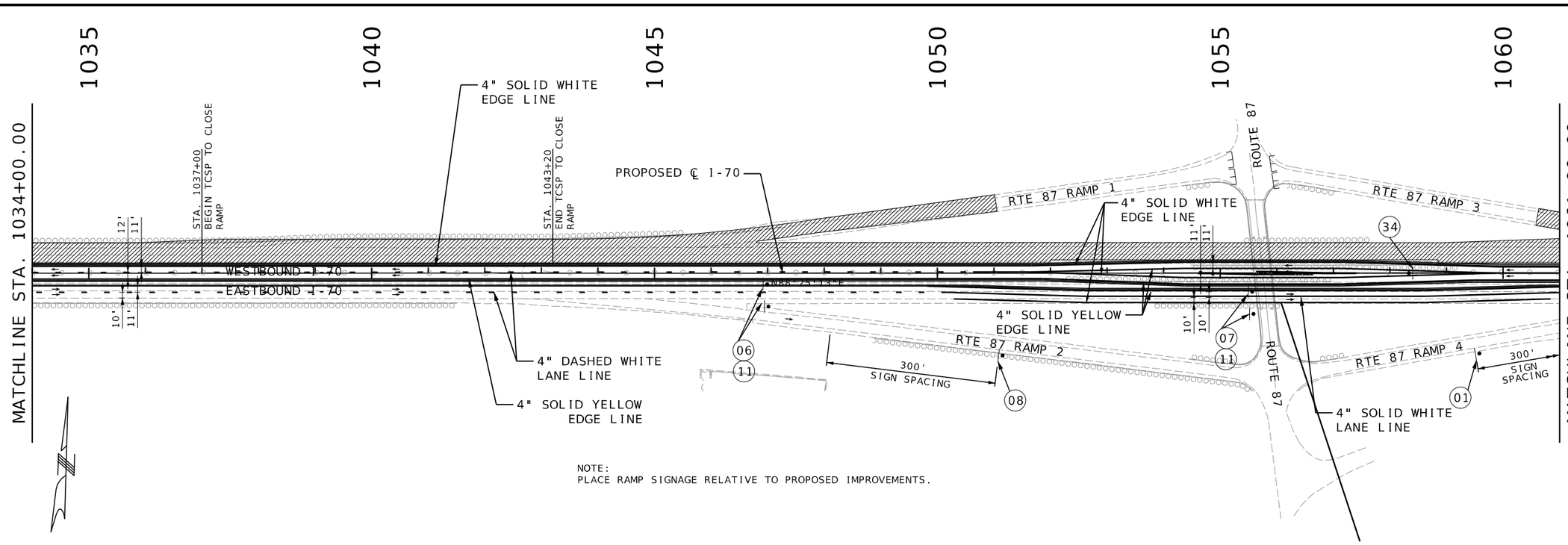
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 154 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

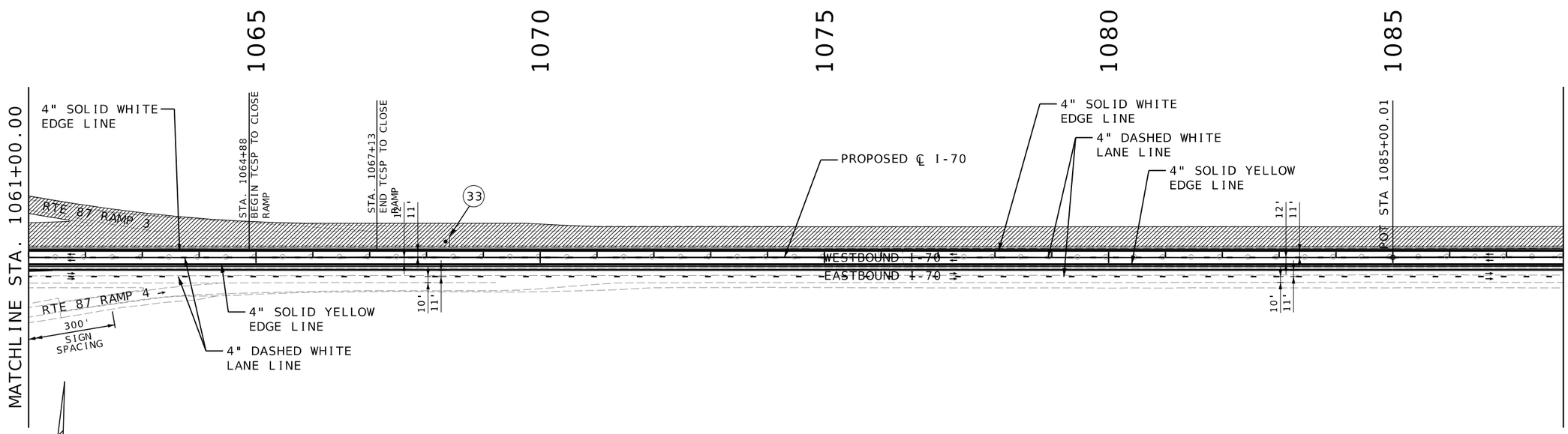
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.




NOTE:
PLACE RAMP SIGNAGE RELATIVE TO PROPOSED IMPROVEMENTS.

I-70 TRAFFIC CONTROL
PHASE 2C
SHEET 20 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 155 |

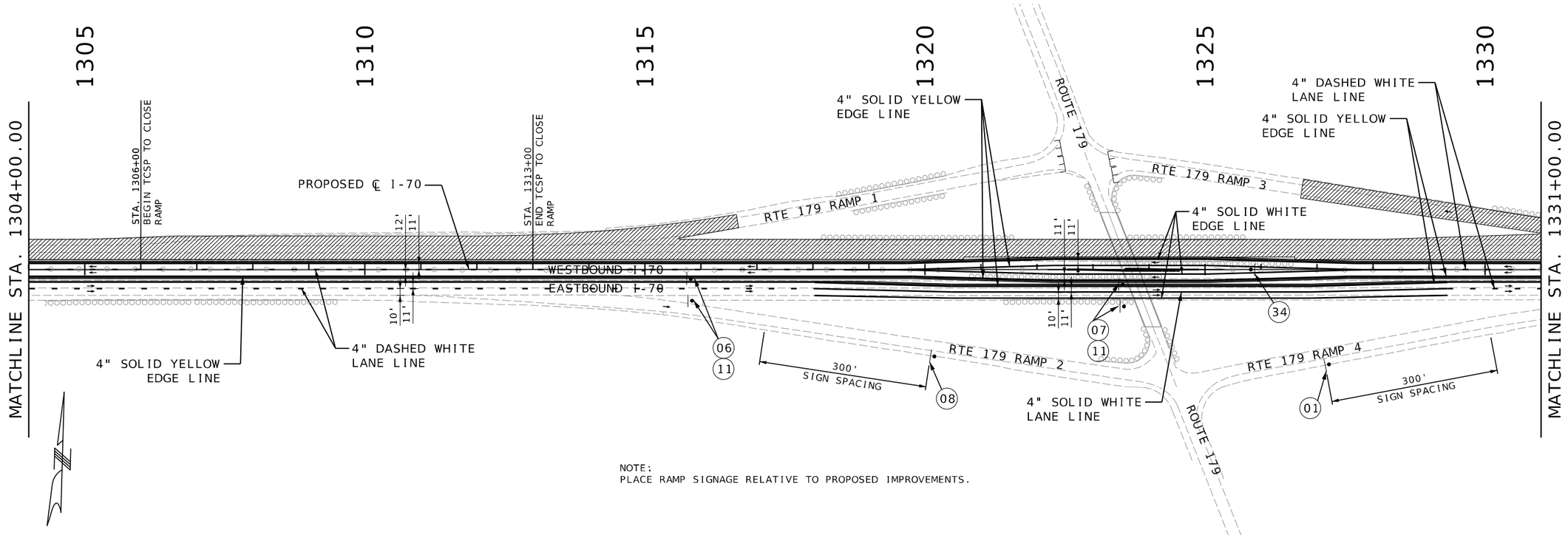
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

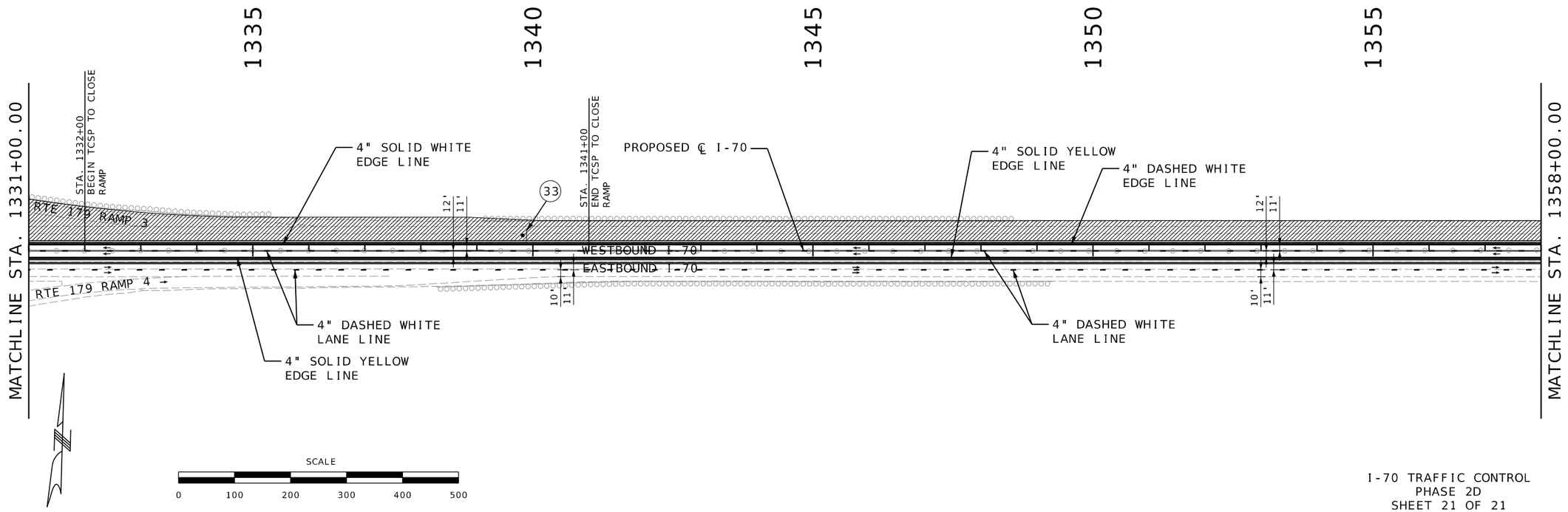
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 2D
SHEET 21 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 156 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

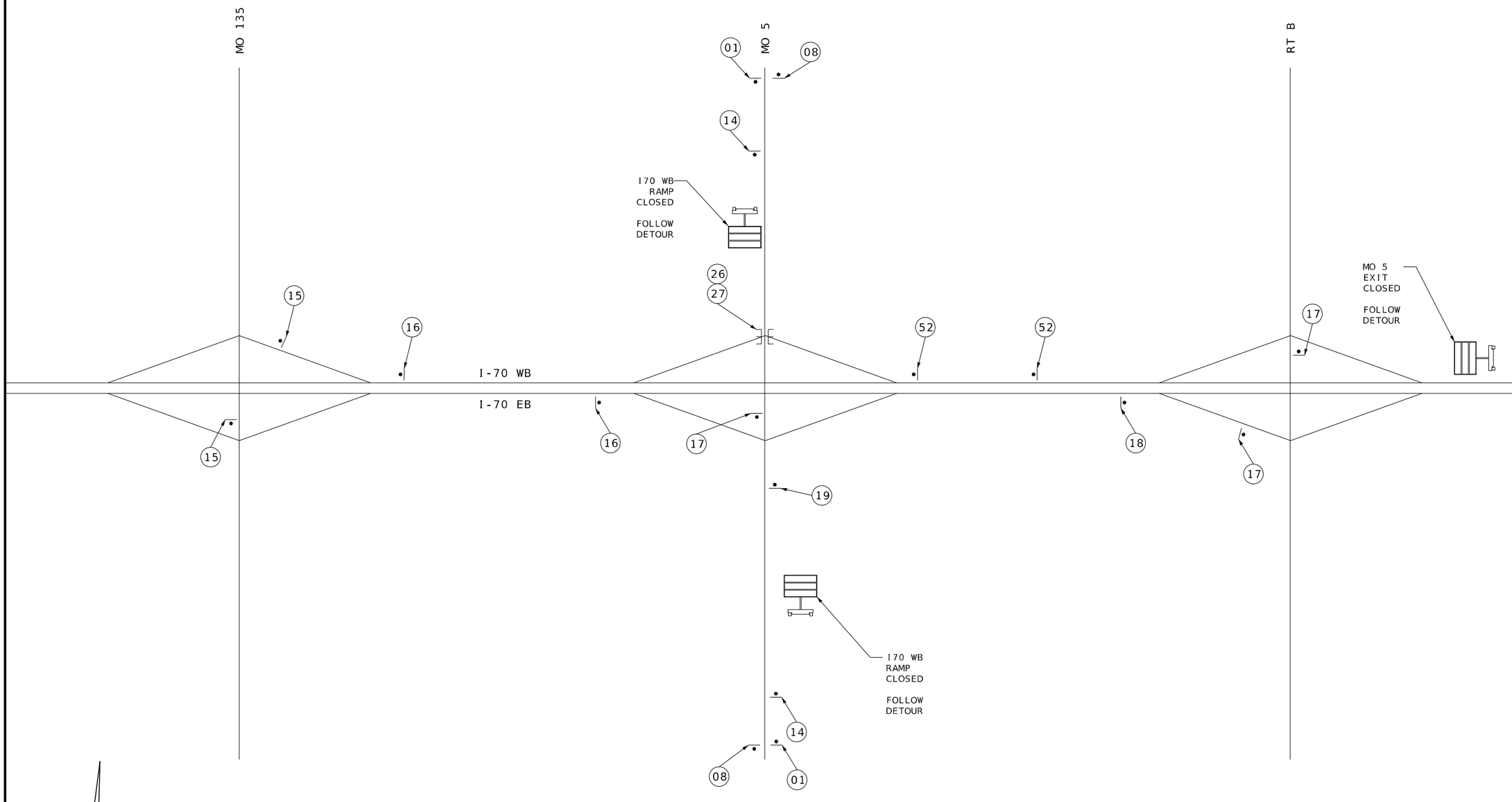
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
OVER EXISTING EXIT GUIDE SIGNS
FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 2A MO 5 DETOUR
SHEET 01 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 157 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

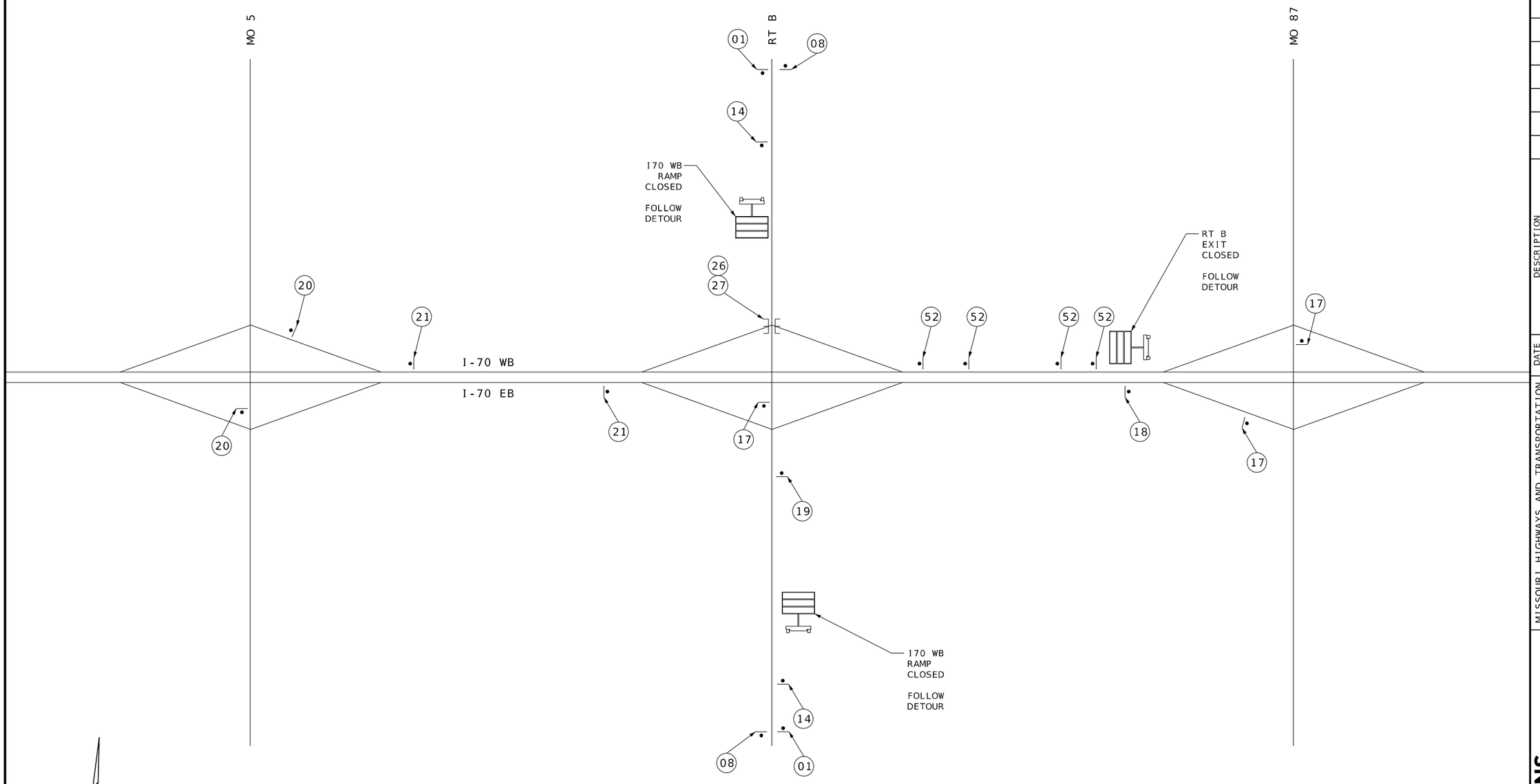
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
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FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 2B RT B DETOUR
SHEET 02 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 158 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

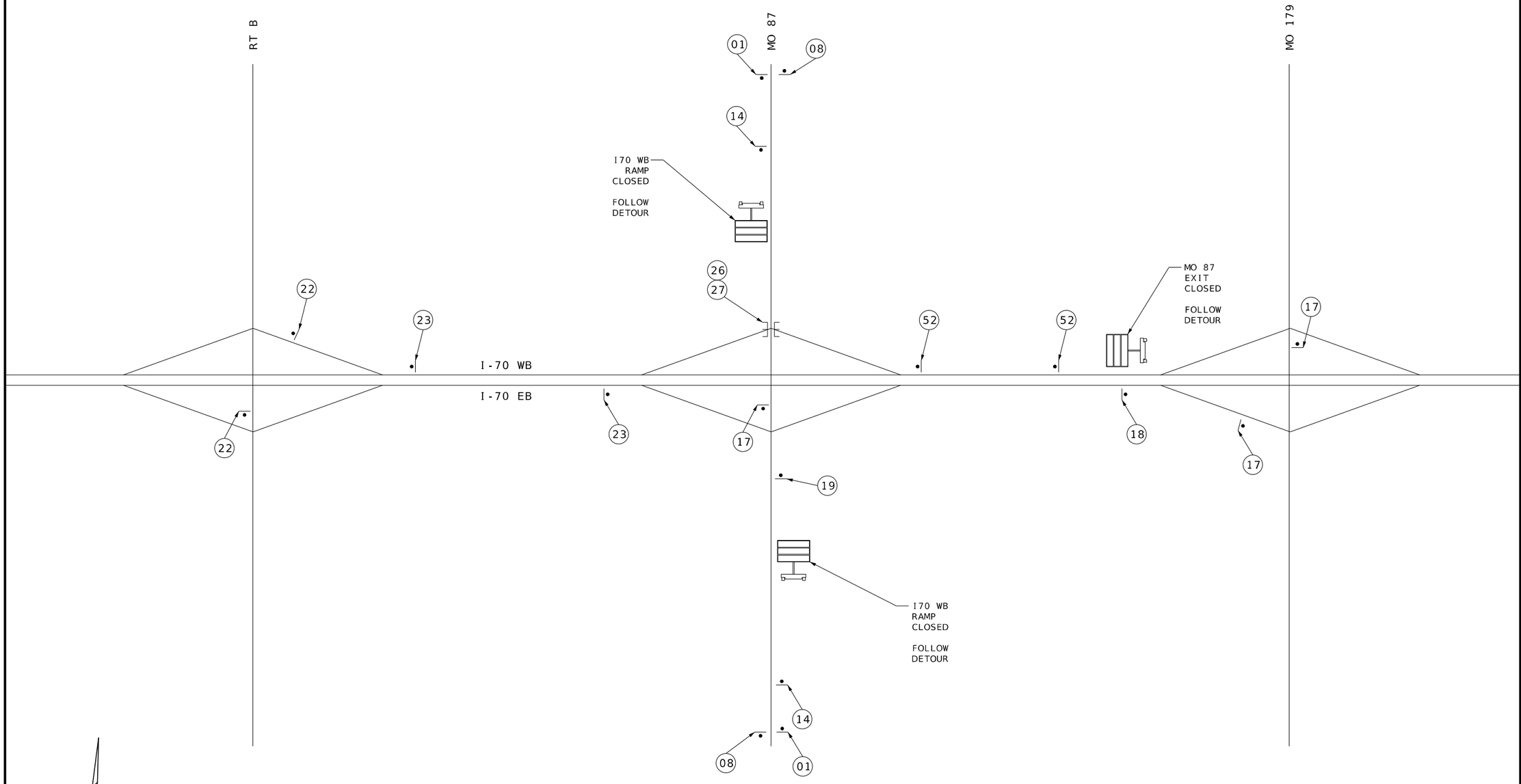
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
OVER EXISTING EXIT GUIDE SIGNS
FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 2C MO 87 DETOUR
SHEET 03 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 159 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

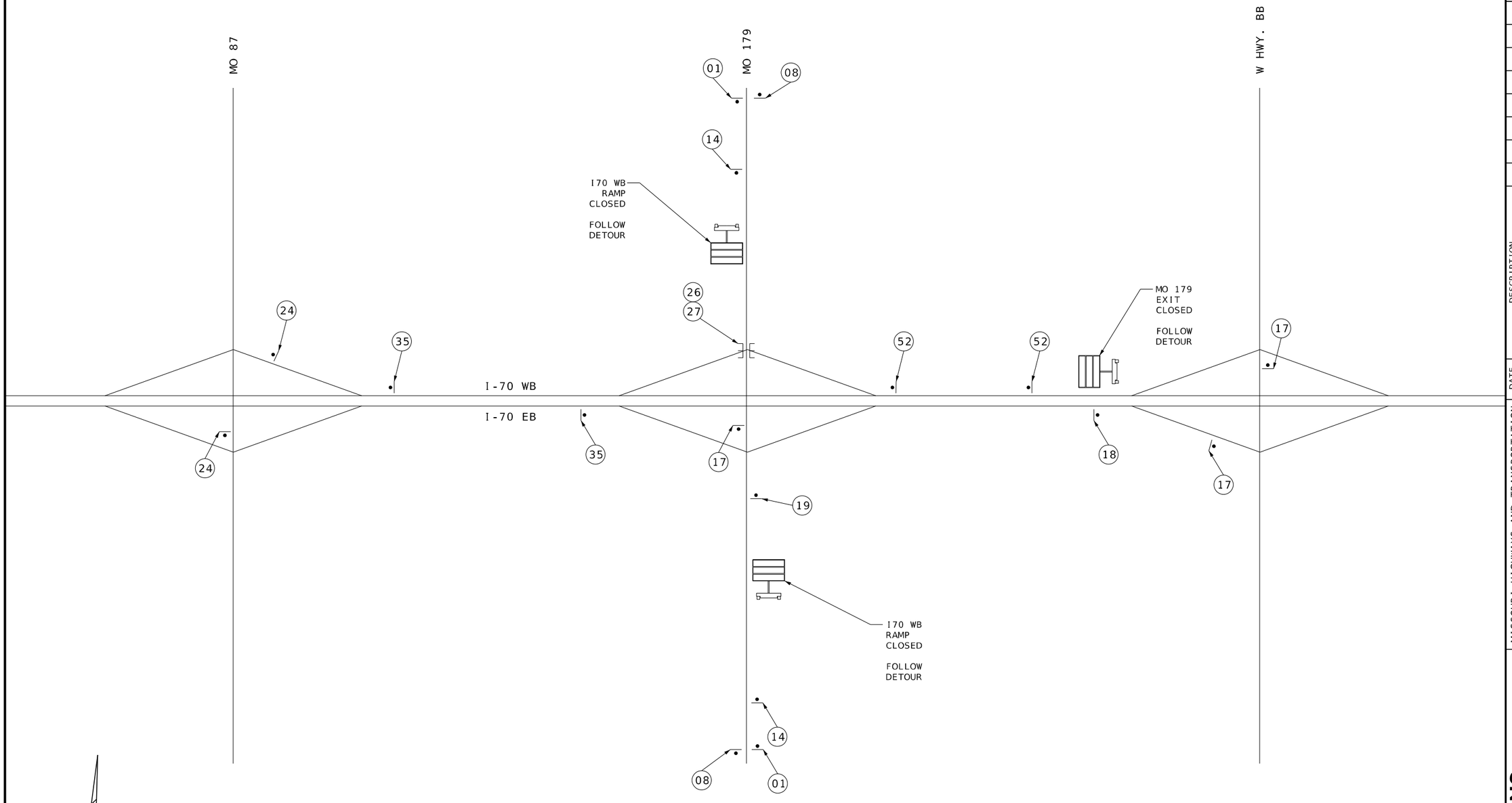
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
OVER EXISTING EXIT GUIDE SIGNS
FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 2D MO 179 DETOUR
SHEET 04 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 160 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

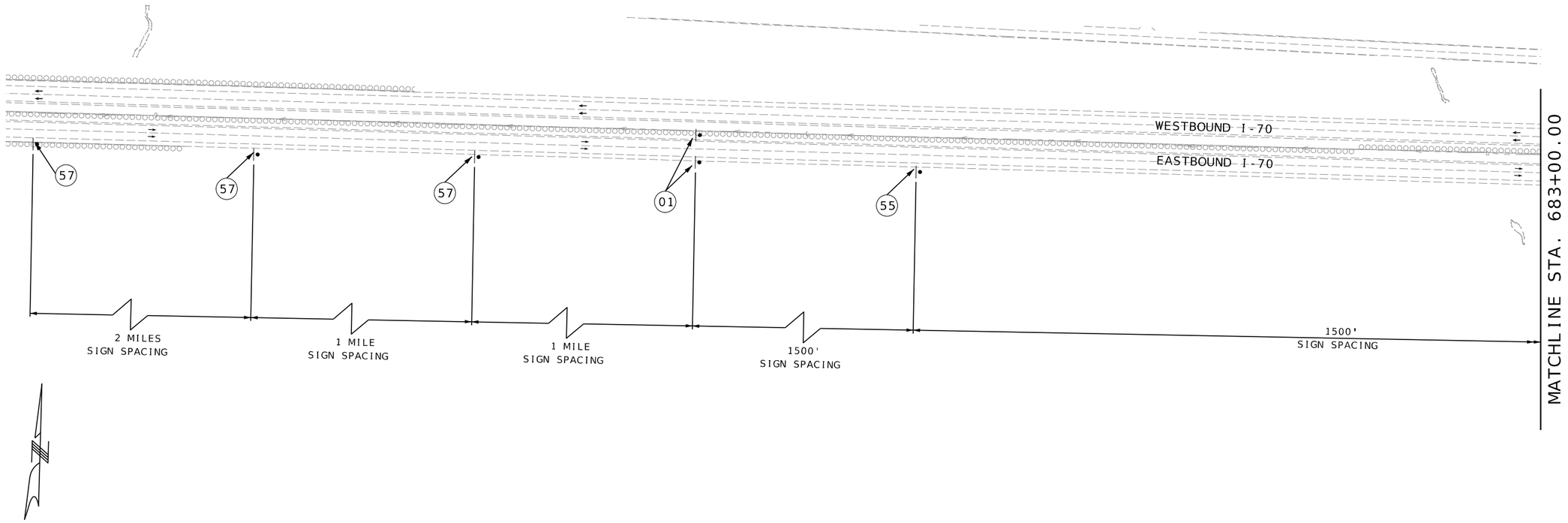
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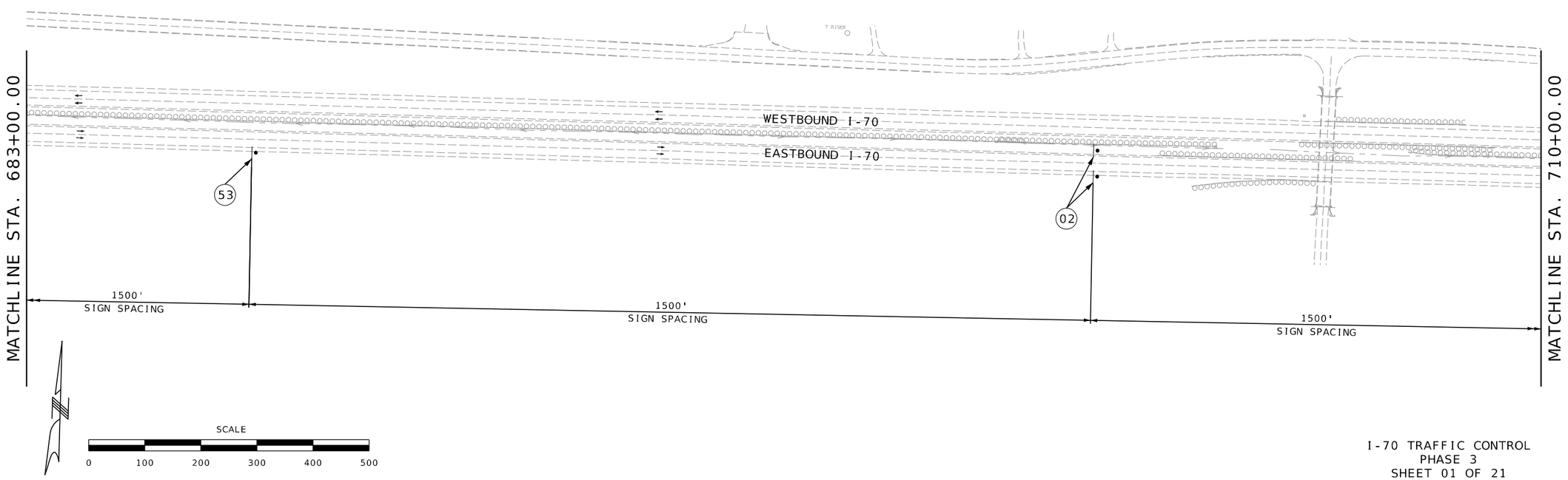
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 01 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

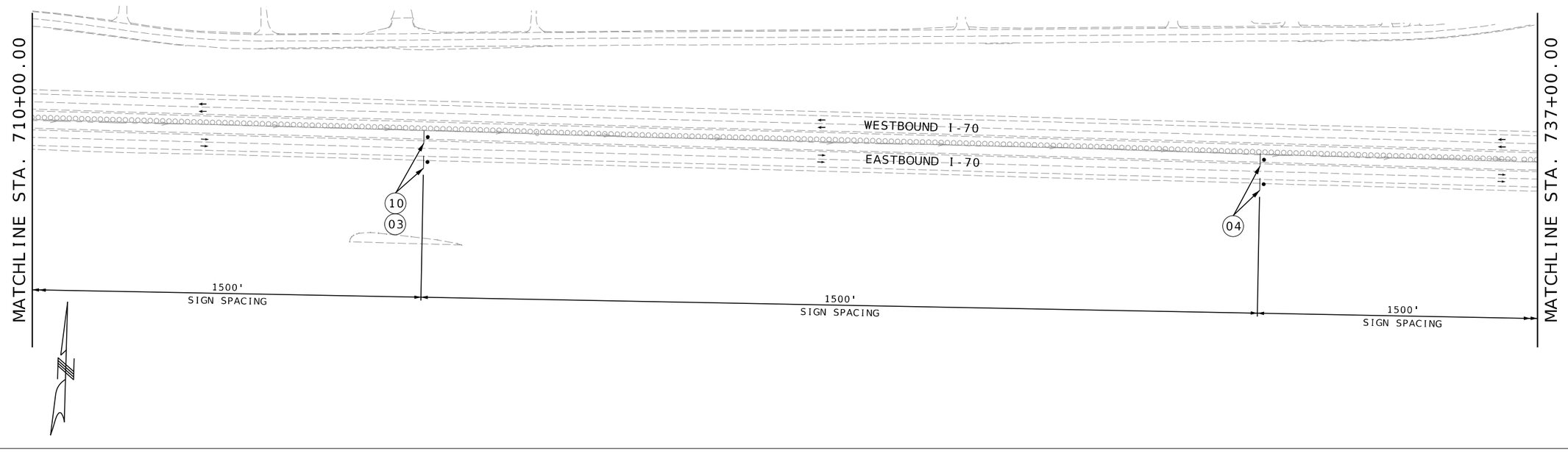
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 161 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

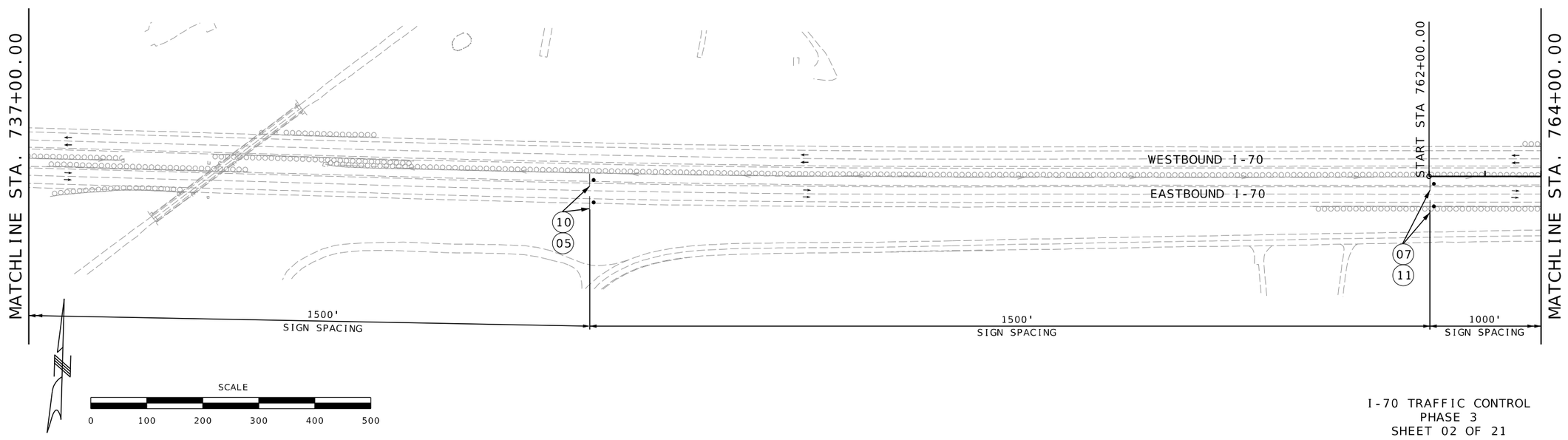
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 02 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 162 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

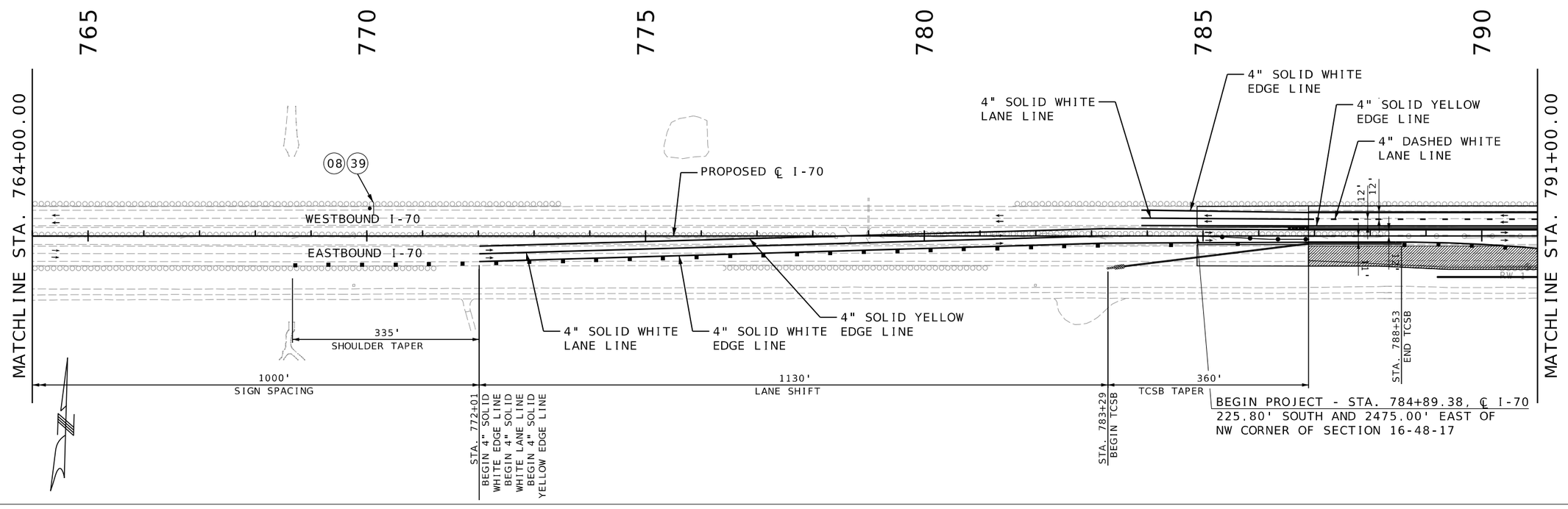
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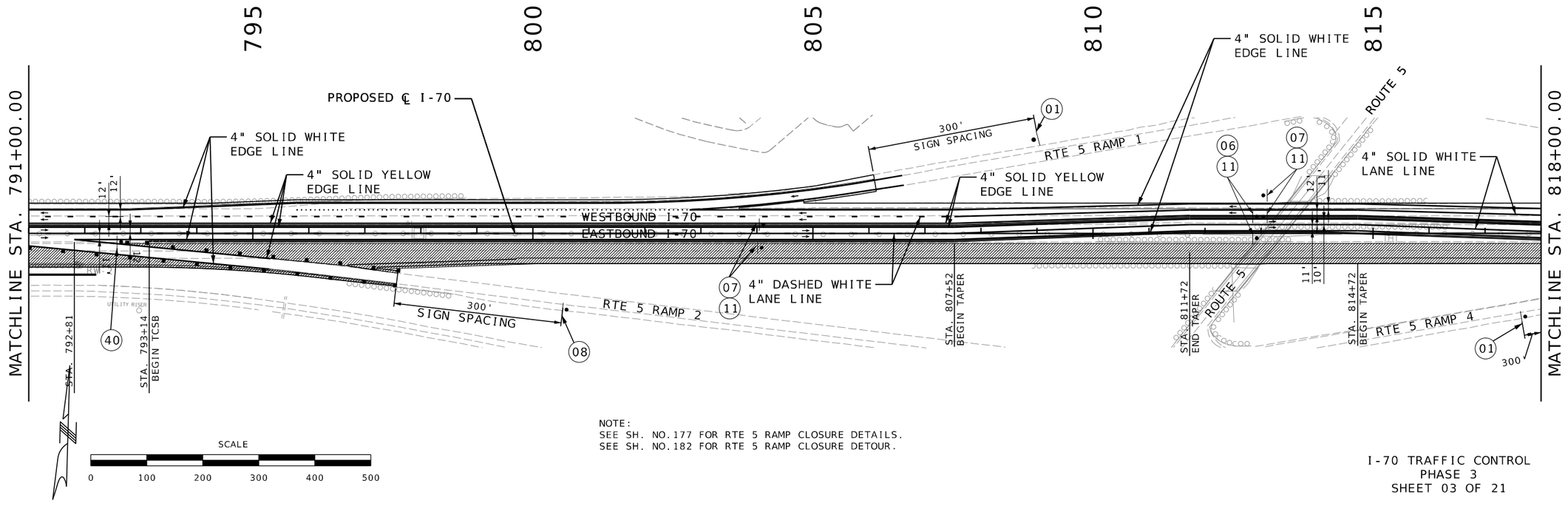
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
SEE SH. NO.177 FOR RTE 5 RAMP CLOSURE DETAILS.
SEE SH. NO.182 FOR RTE 5 RAMP CLOSURE DETOUR.

I-70 TRAFFIC CONTROL
PHASE 3
SHEET 03 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

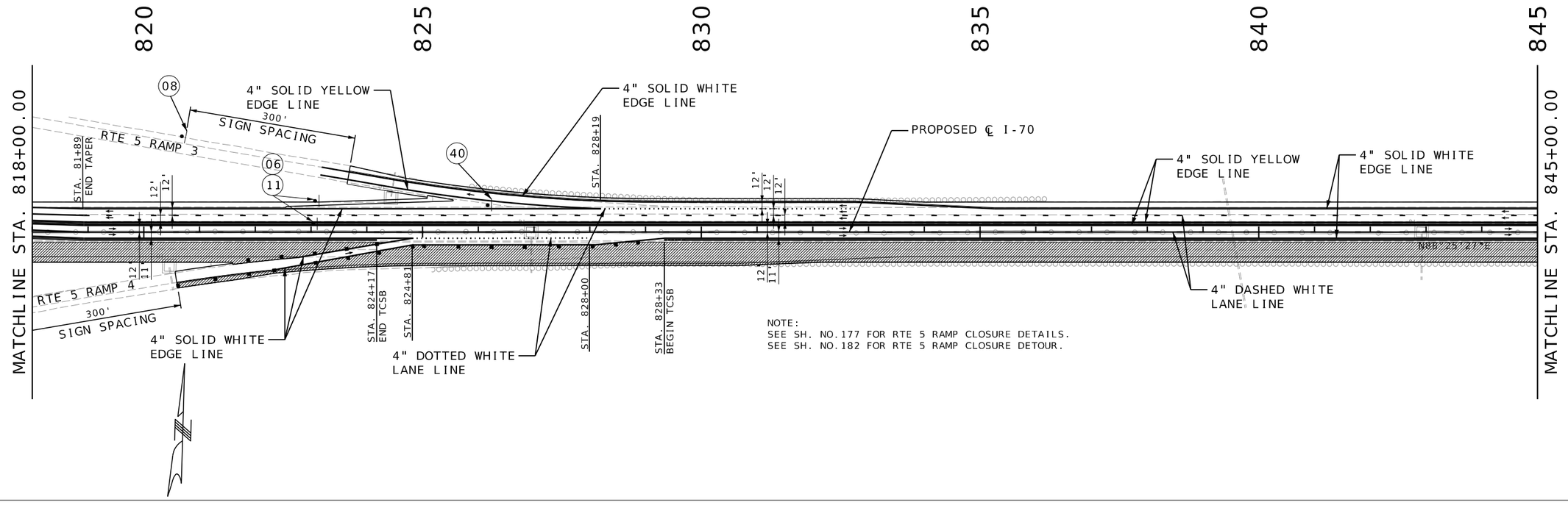
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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 163 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

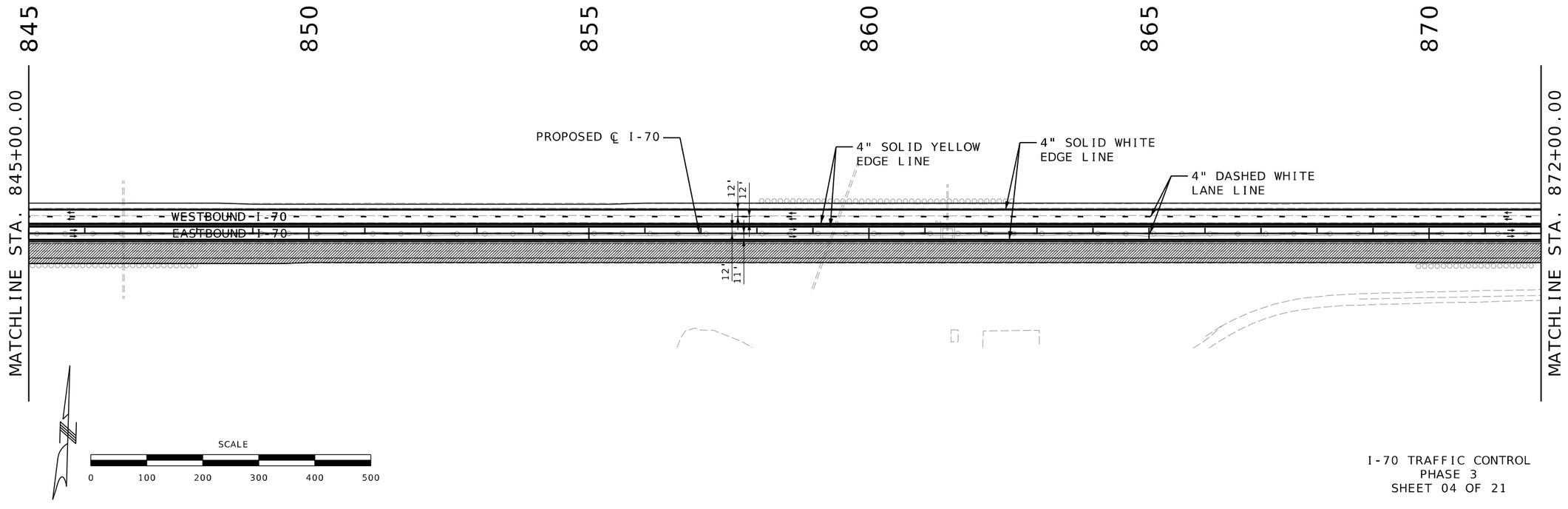
DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 3
SHEET 04 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 164 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

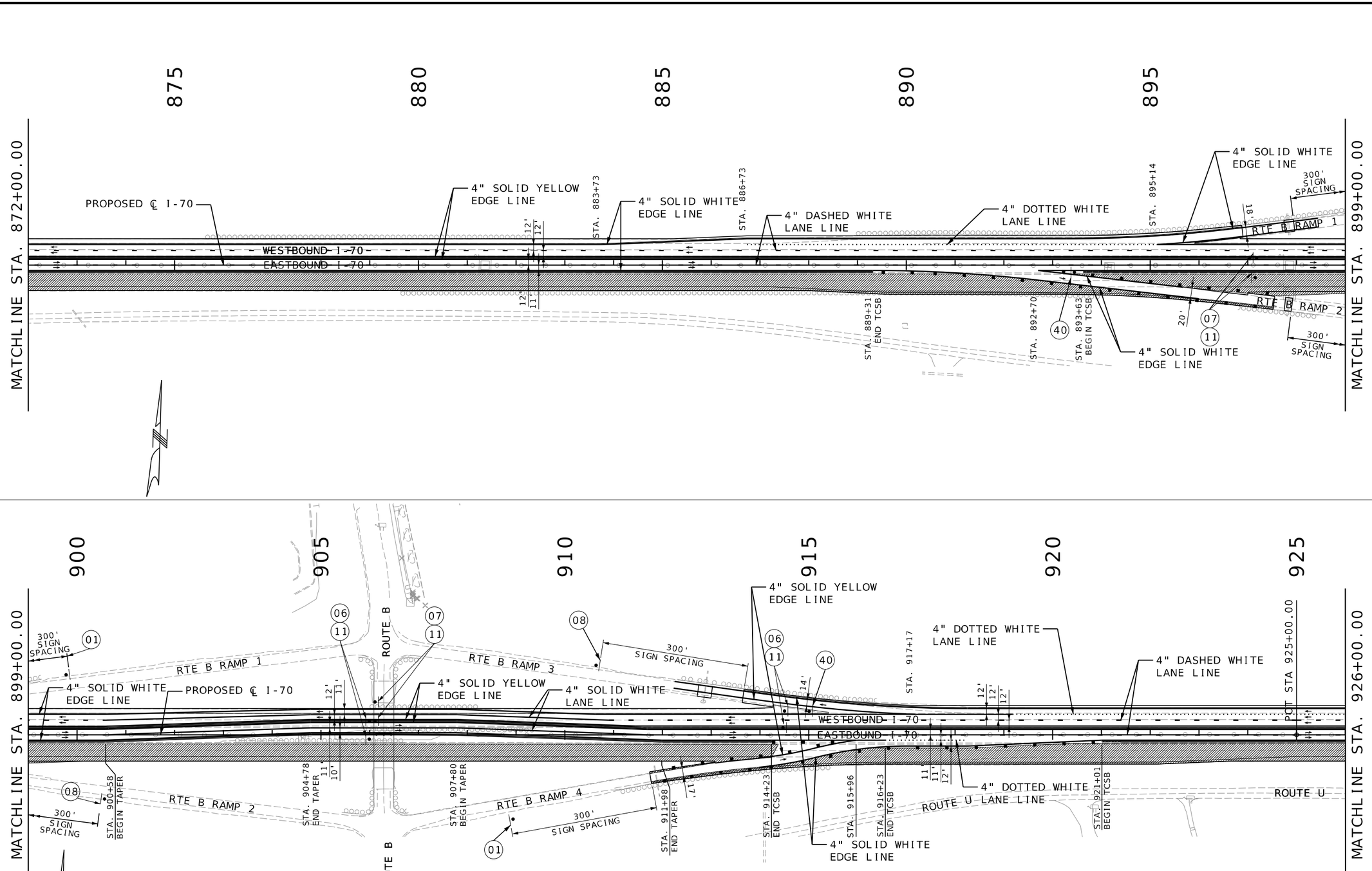
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




NOTE:
SEE SH. NO.178 FOR RTE B RAMP CLOSURE DETAILS.
SEE SH. NO.183 FOR RTE B RAMP CLOSURE DETOUR.

I-70 TRAFFIC CONTROL
PHASE 3
SHEET 05 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

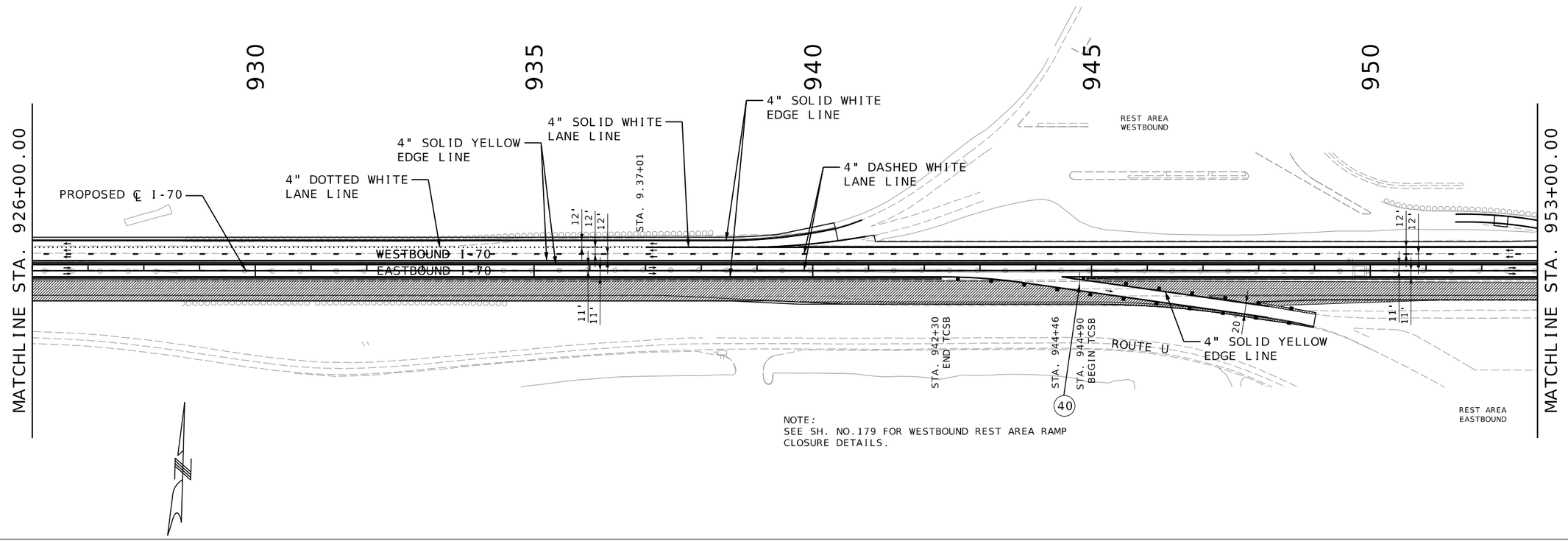
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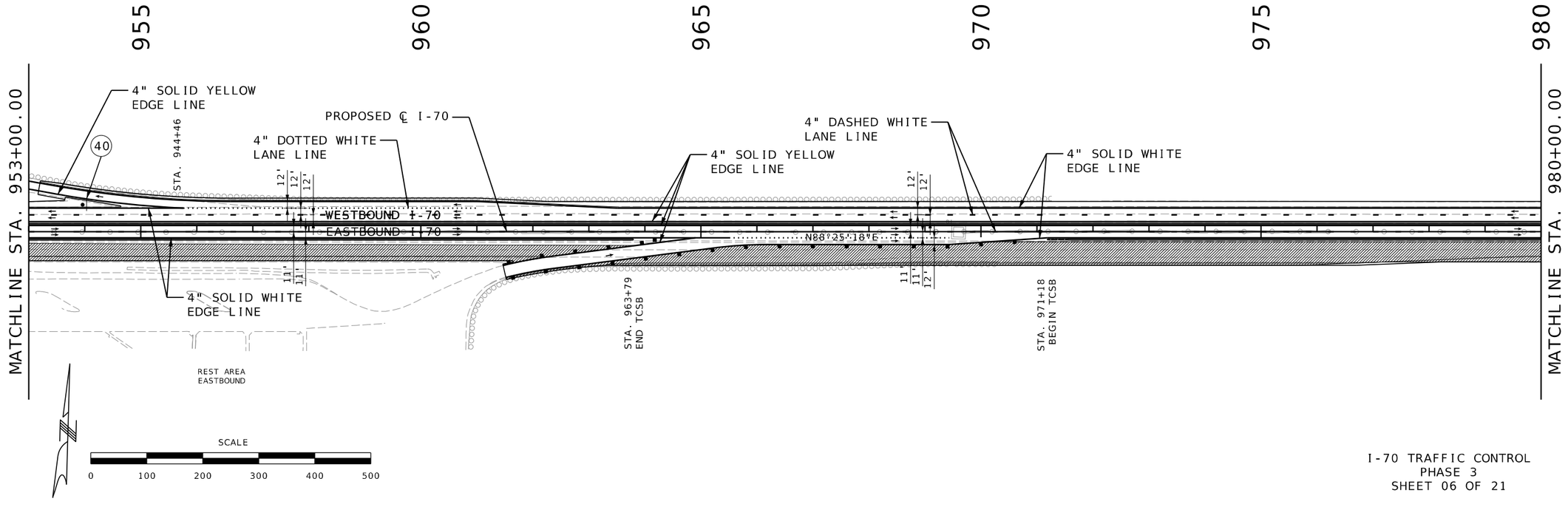
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 165 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 06 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

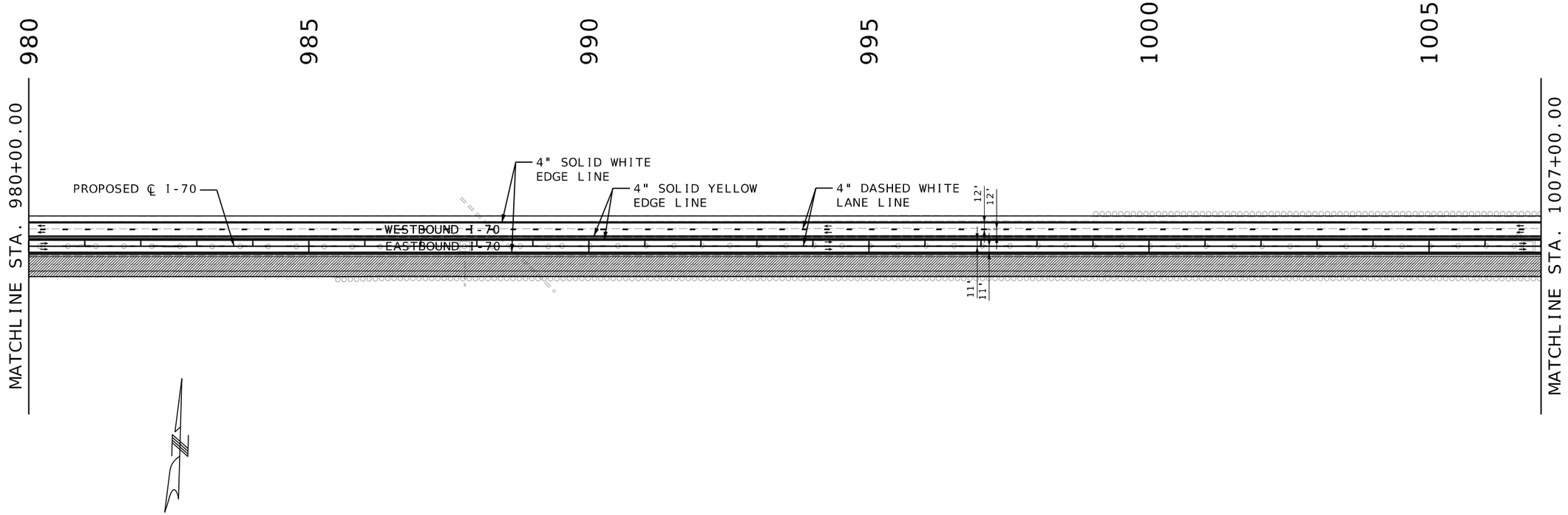
| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 166 |

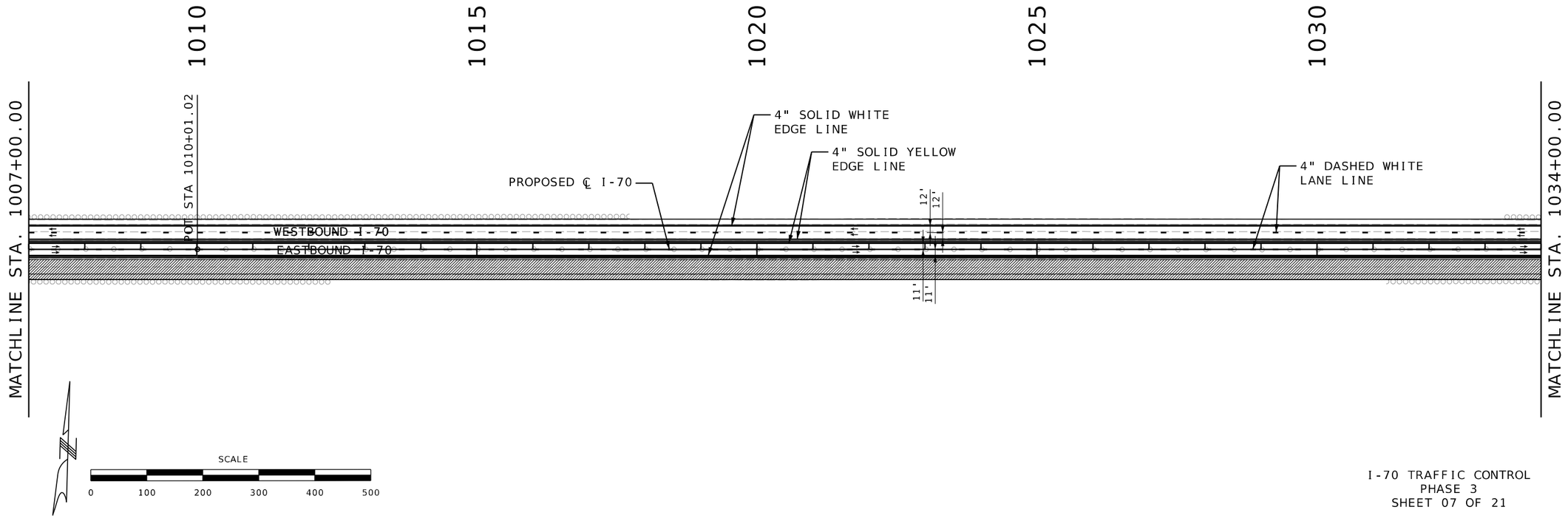
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 07 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 167 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

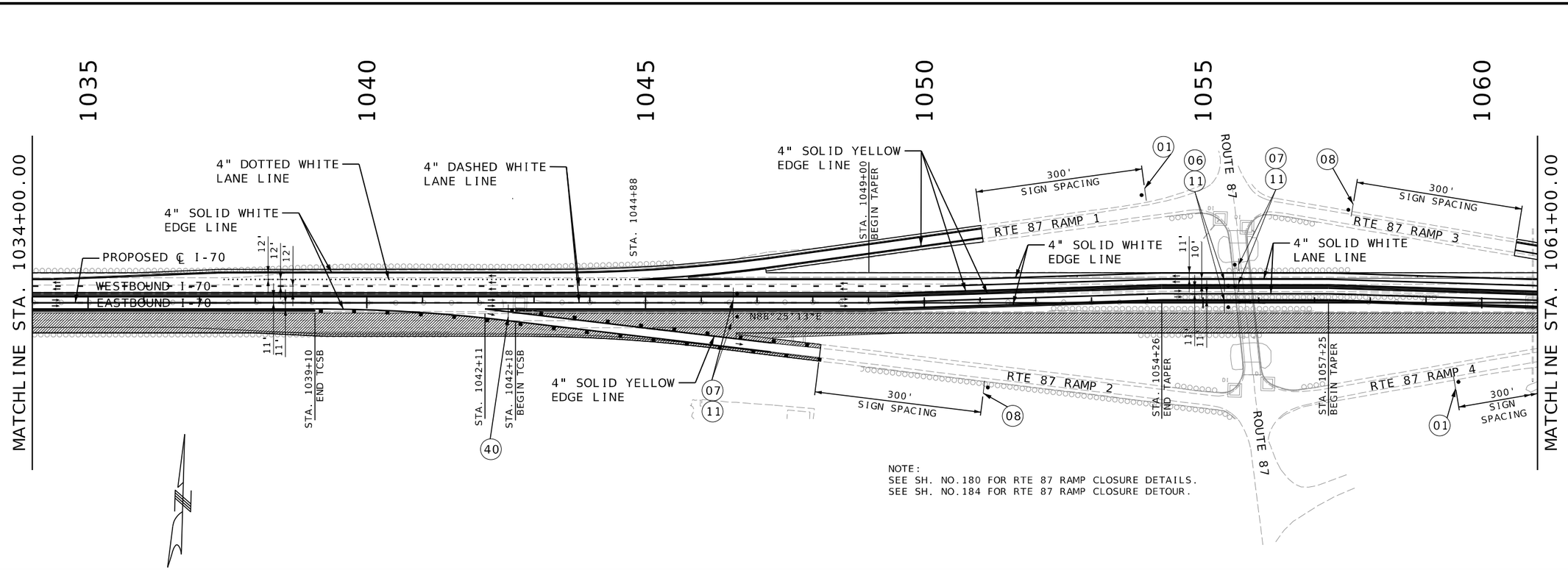
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 08 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 168 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

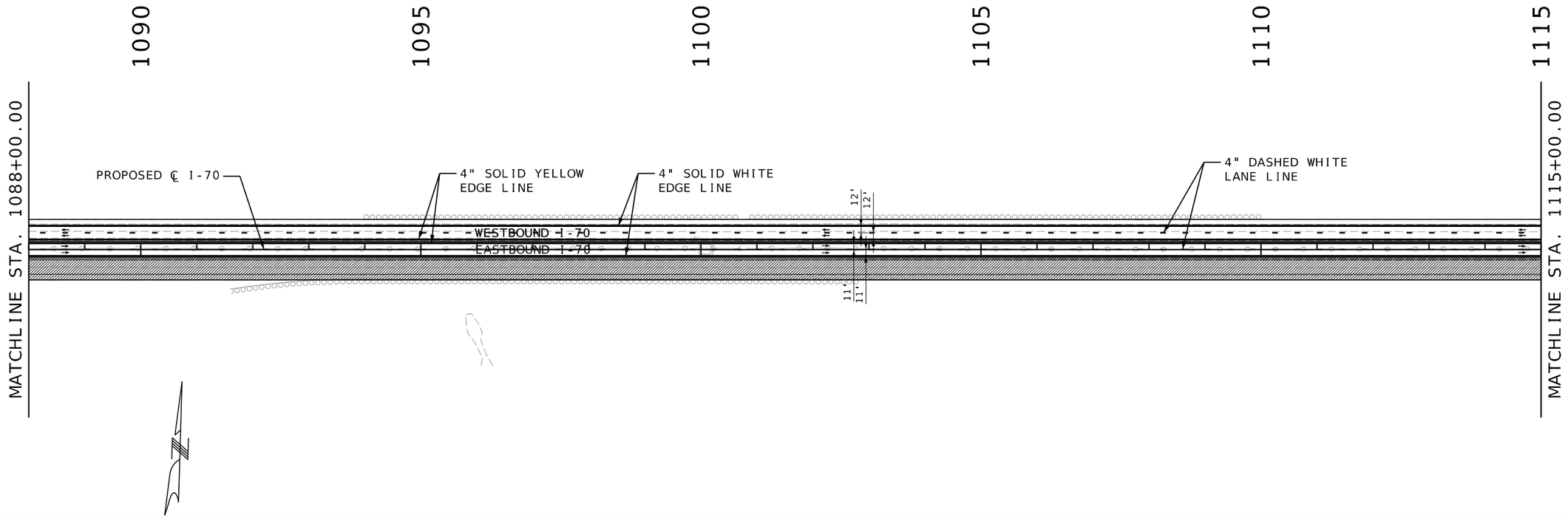
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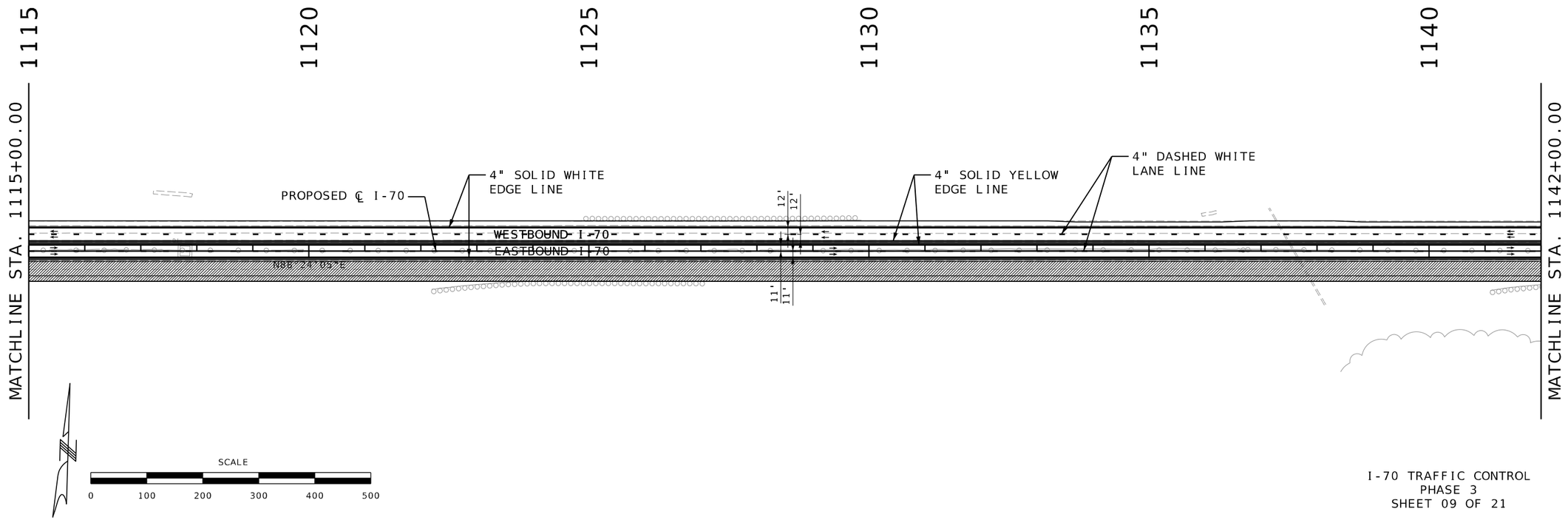
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 09 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 169 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

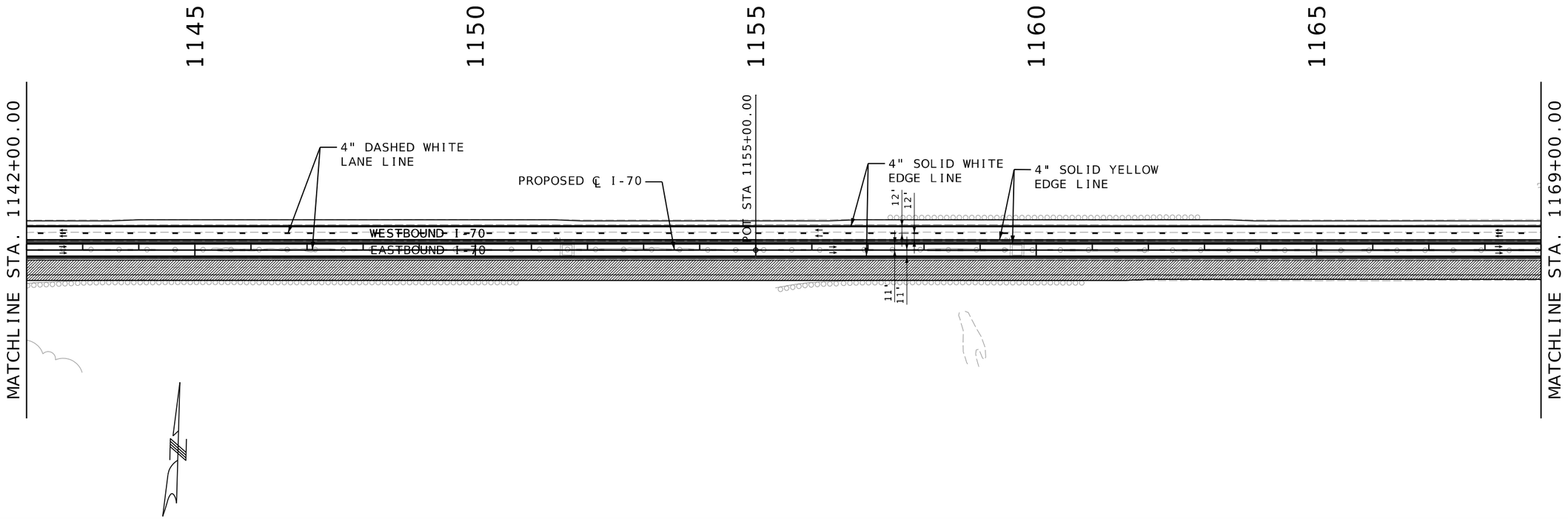
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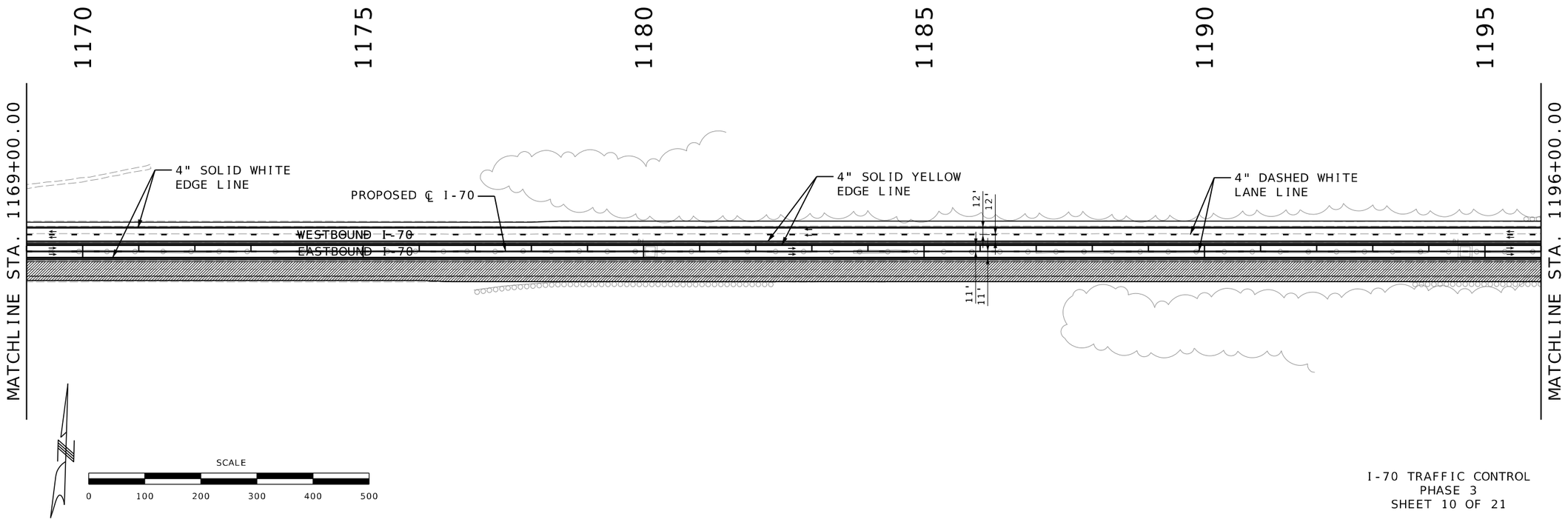
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 10 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 170 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

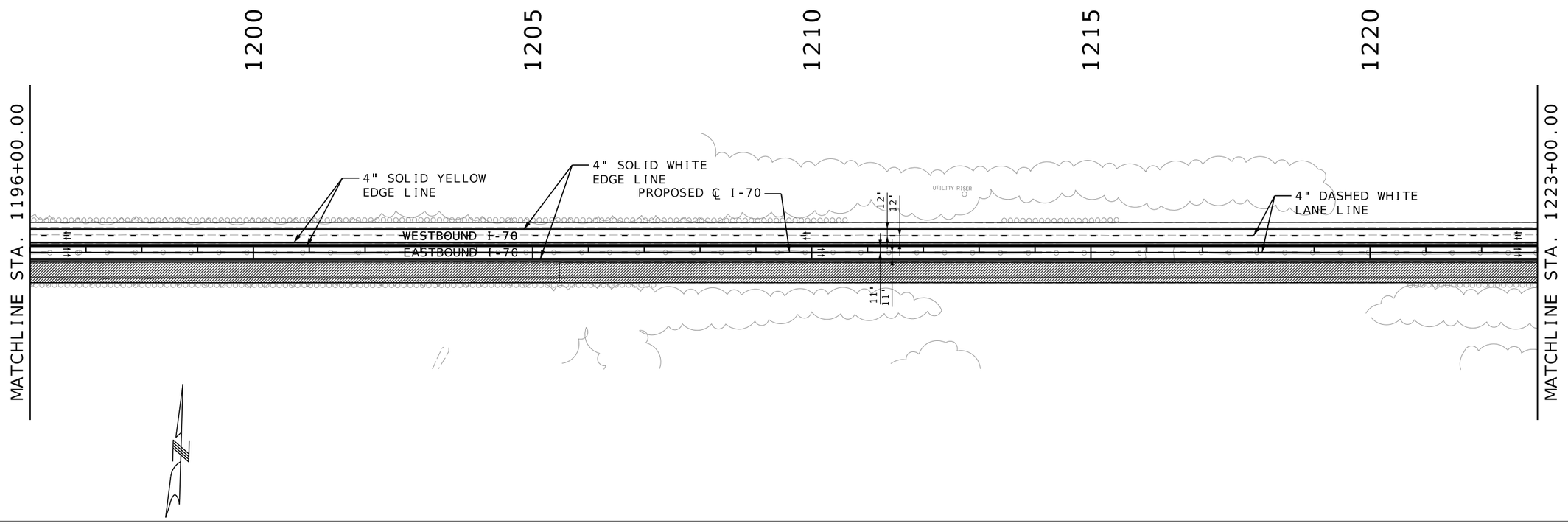
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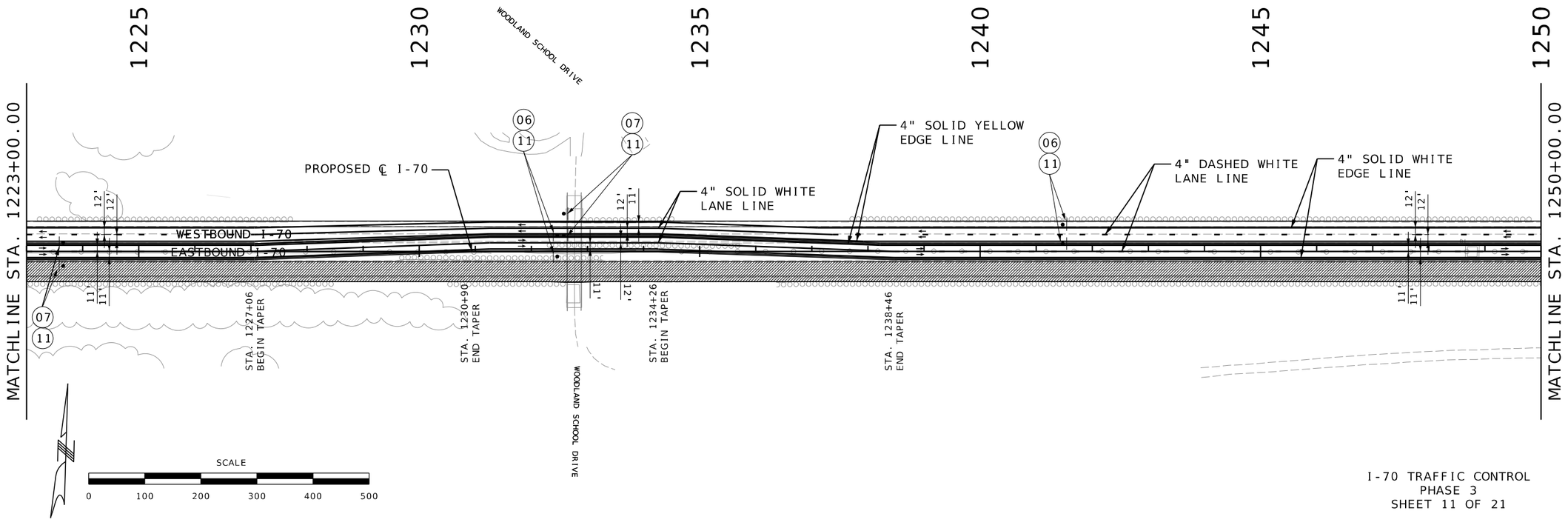
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 11 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 171 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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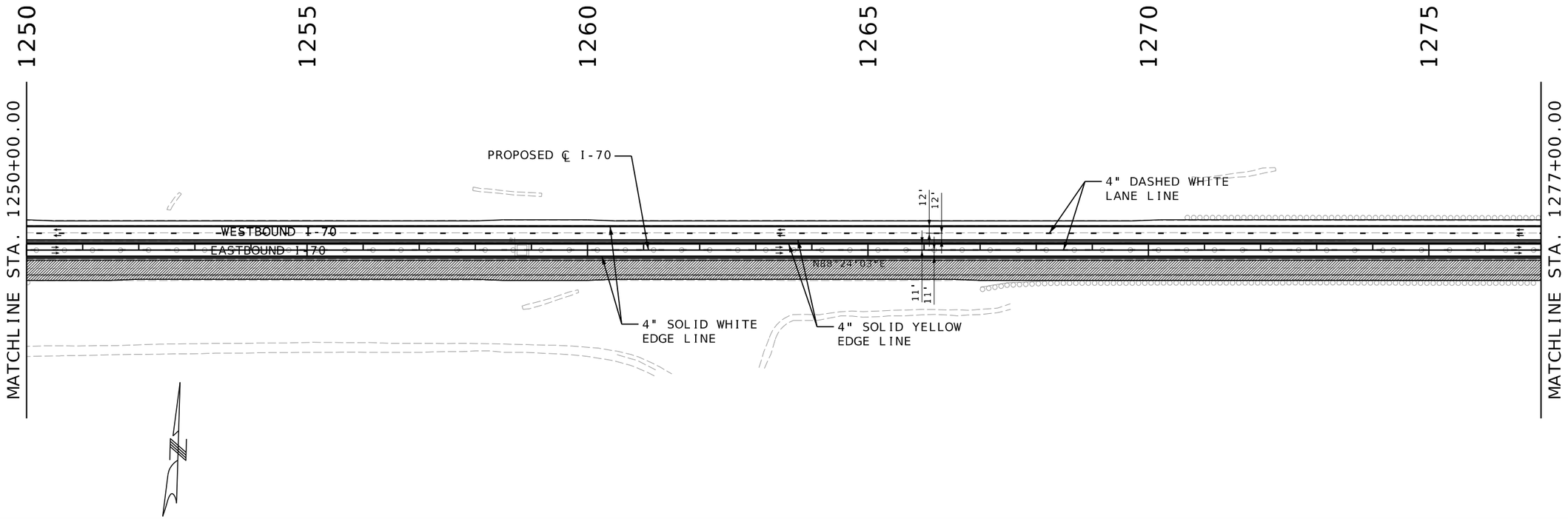
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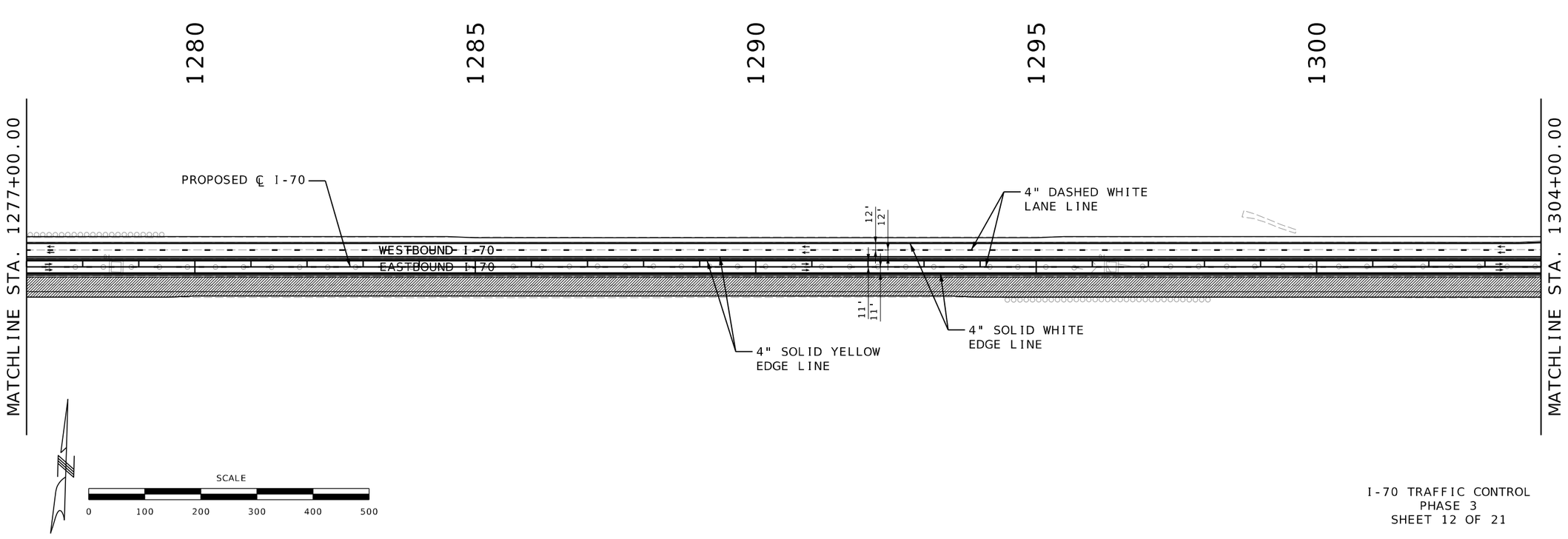
| DESCRIPTION | DATE |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 12 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 172 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

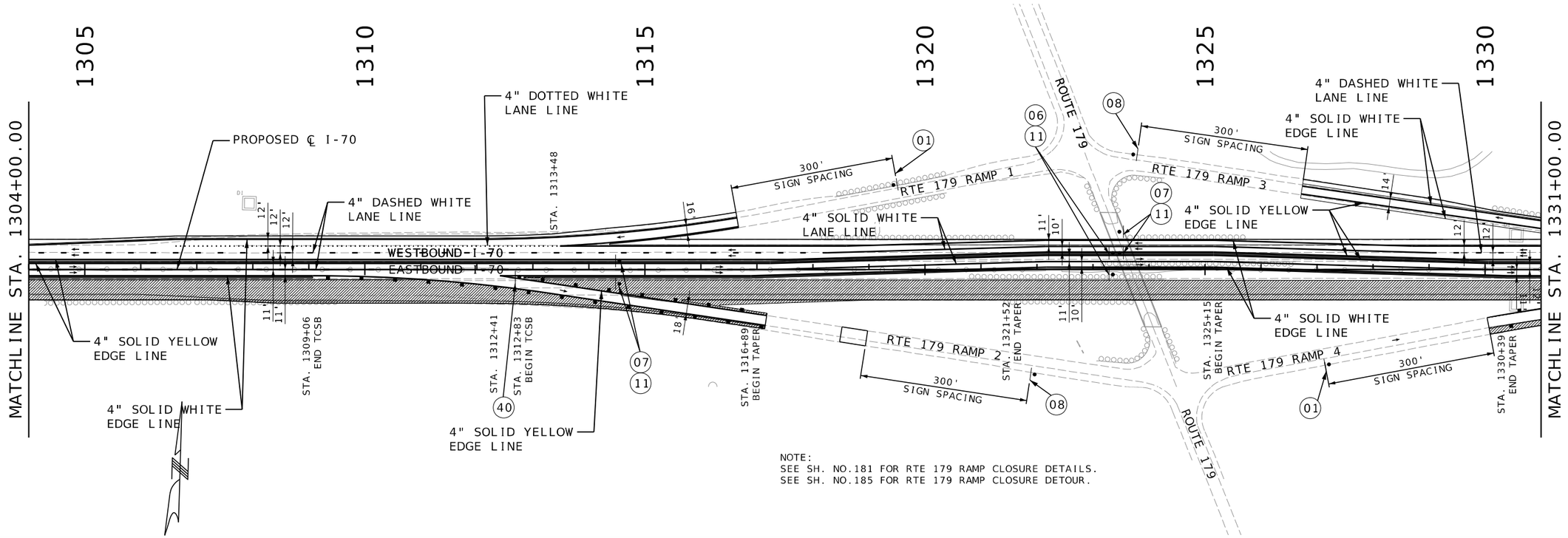
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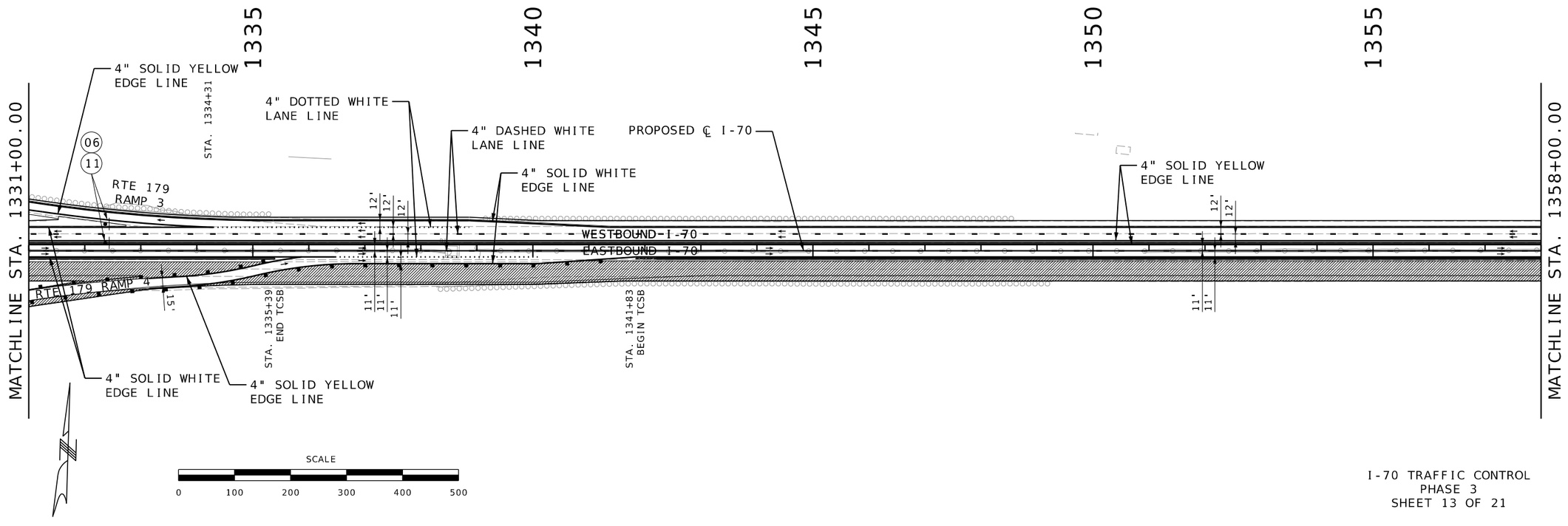
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 13 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 173 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

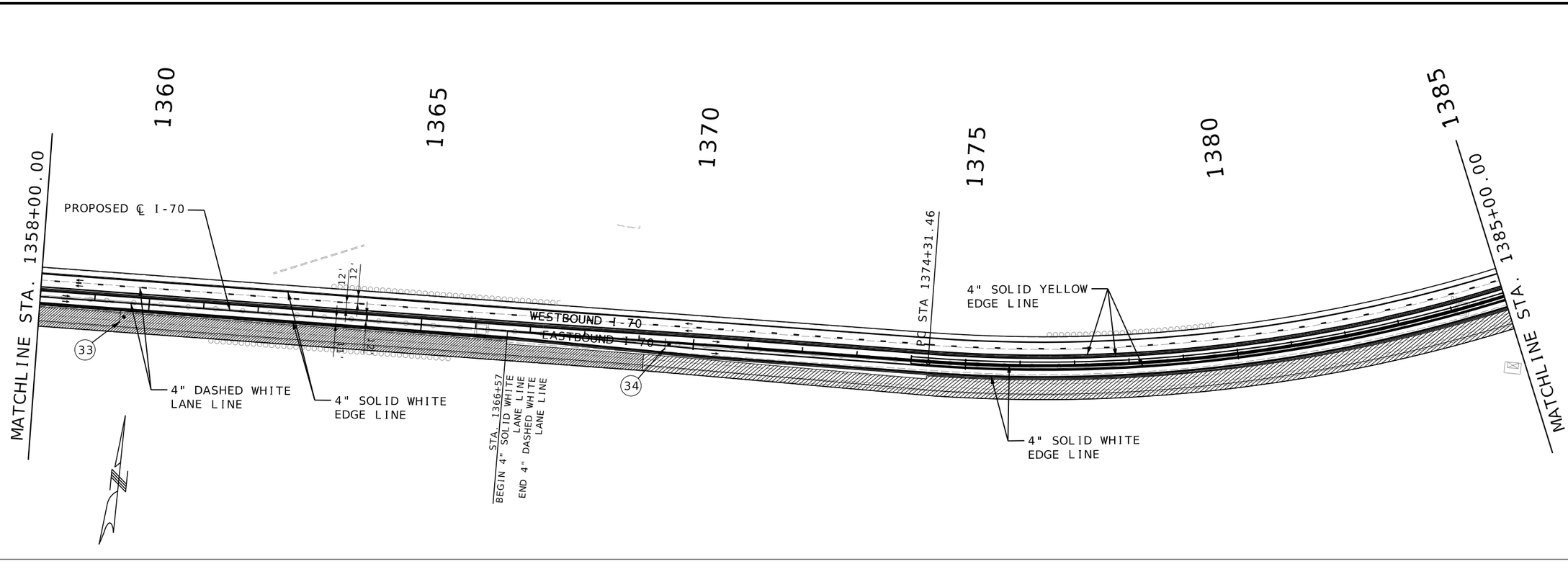
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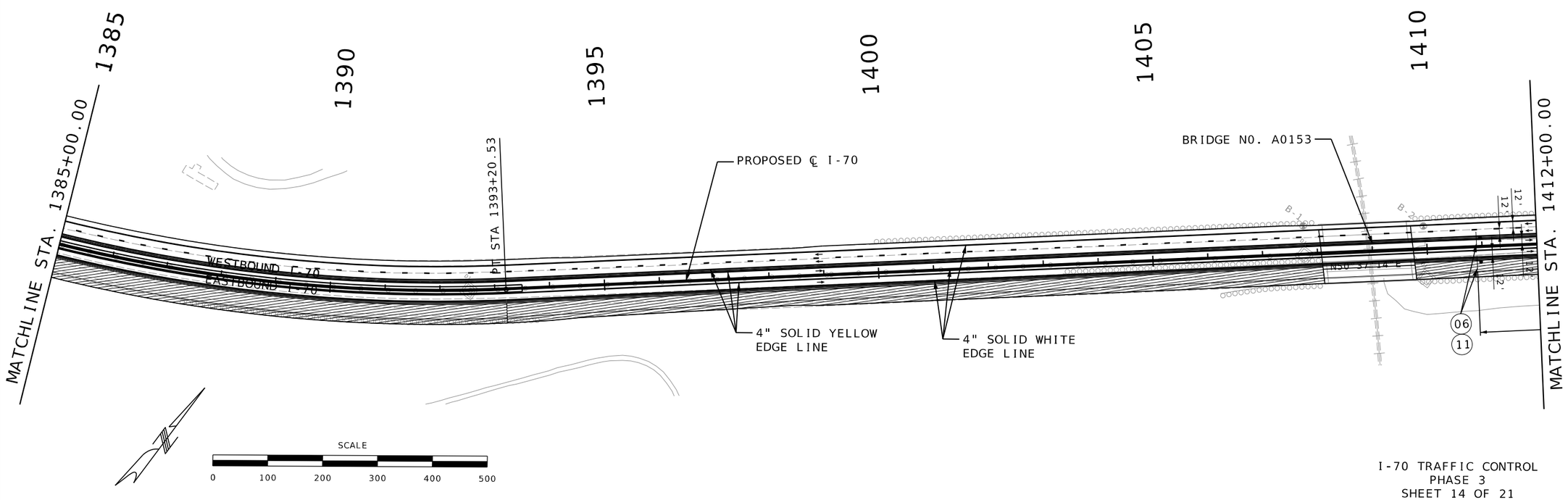
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 14 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 174 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

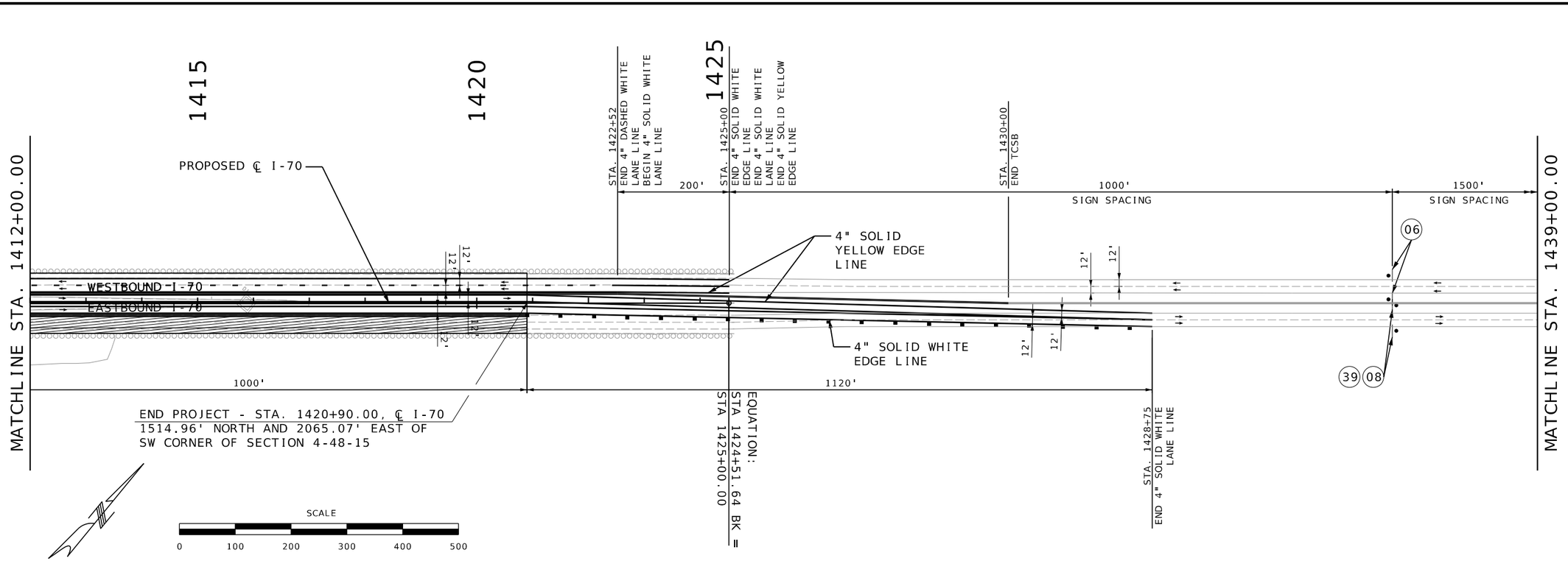
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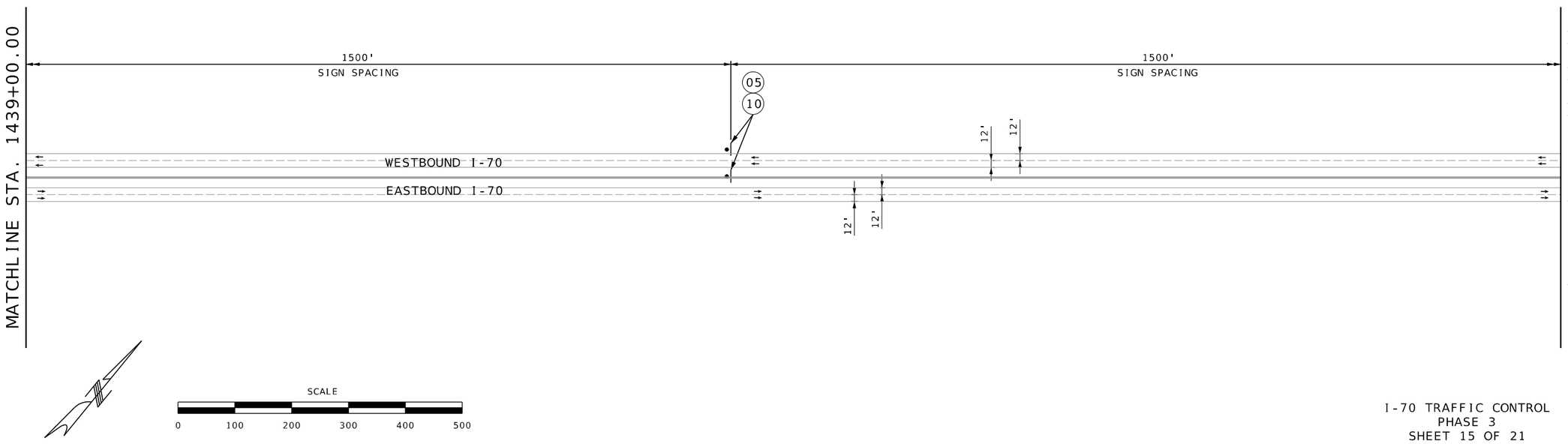
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 15 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 175 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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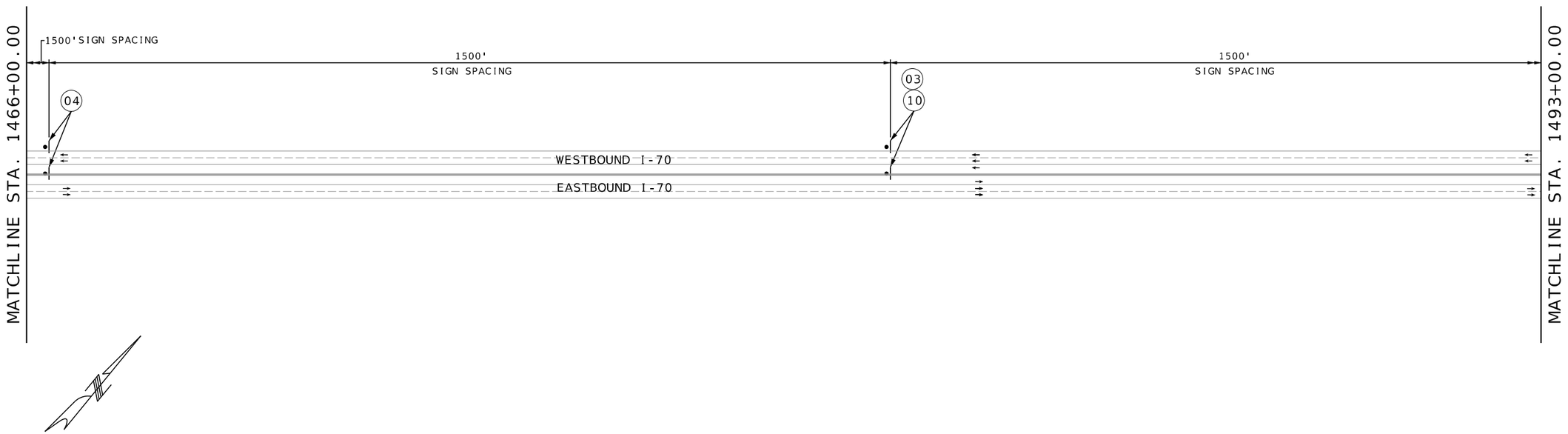
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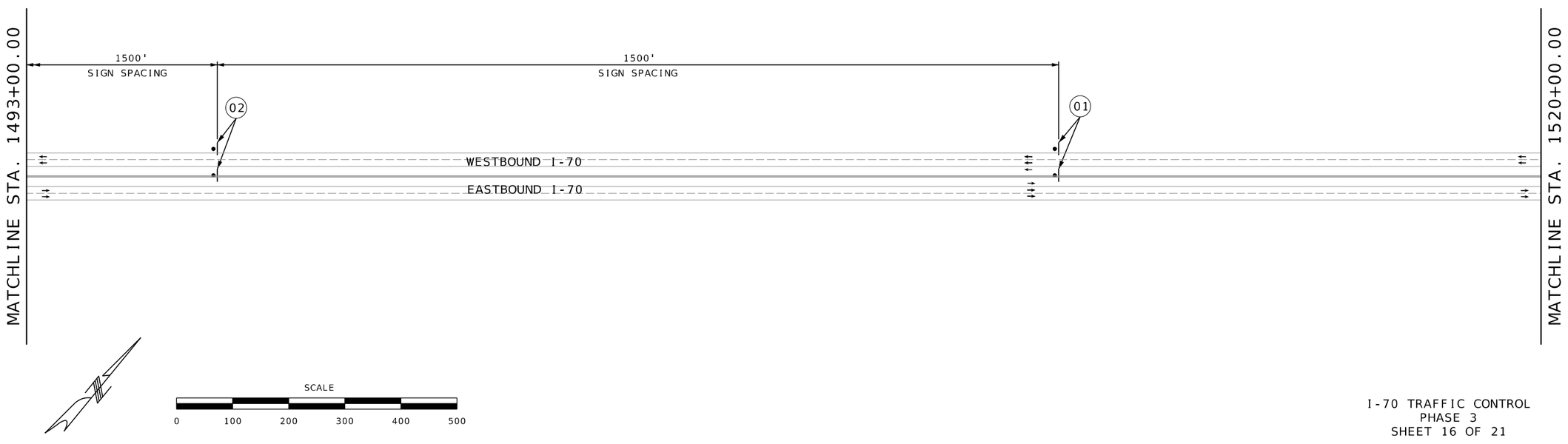
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3
SHEET 16 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 176 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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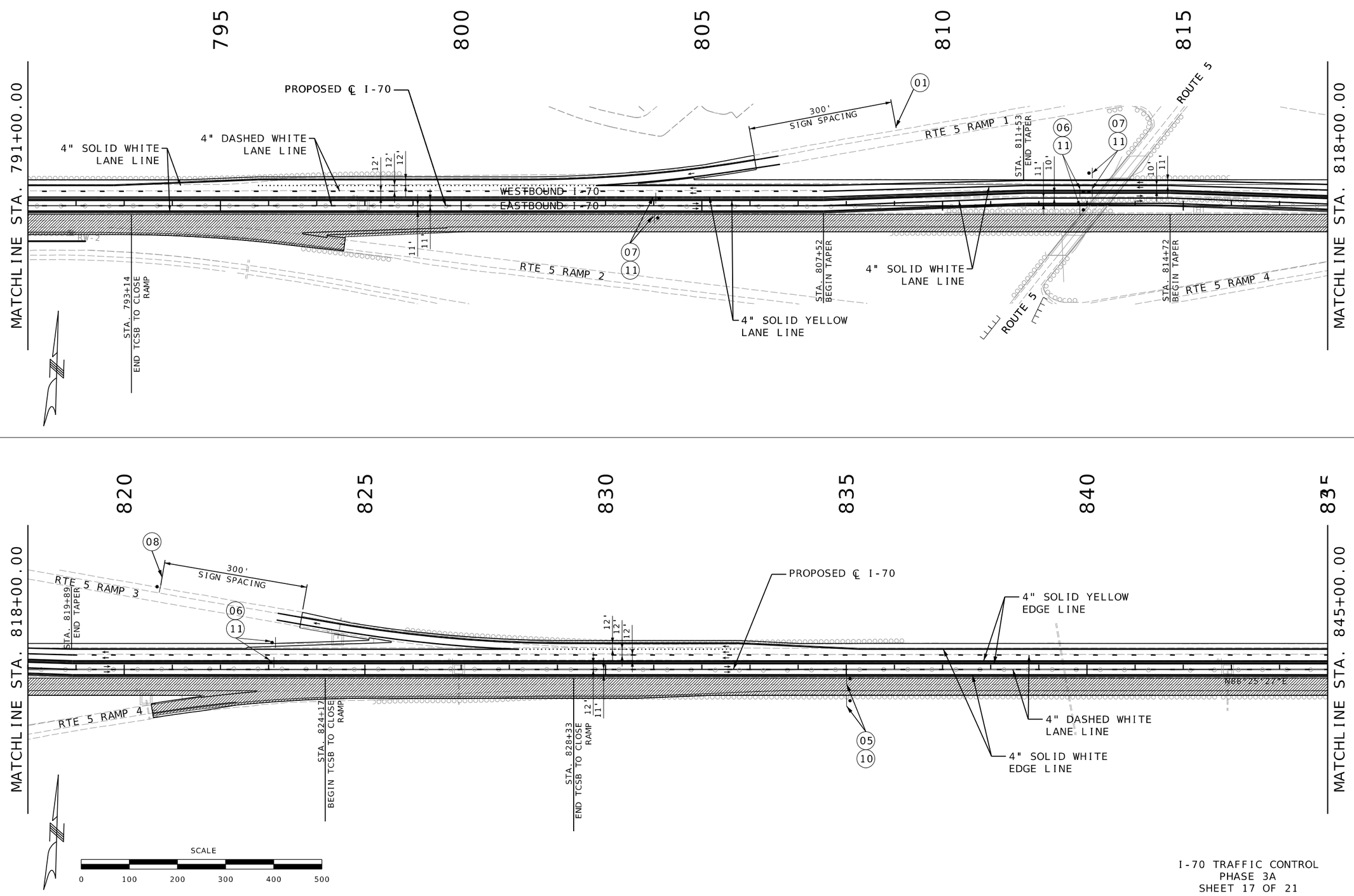
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3A
SHEET 17 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 177 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

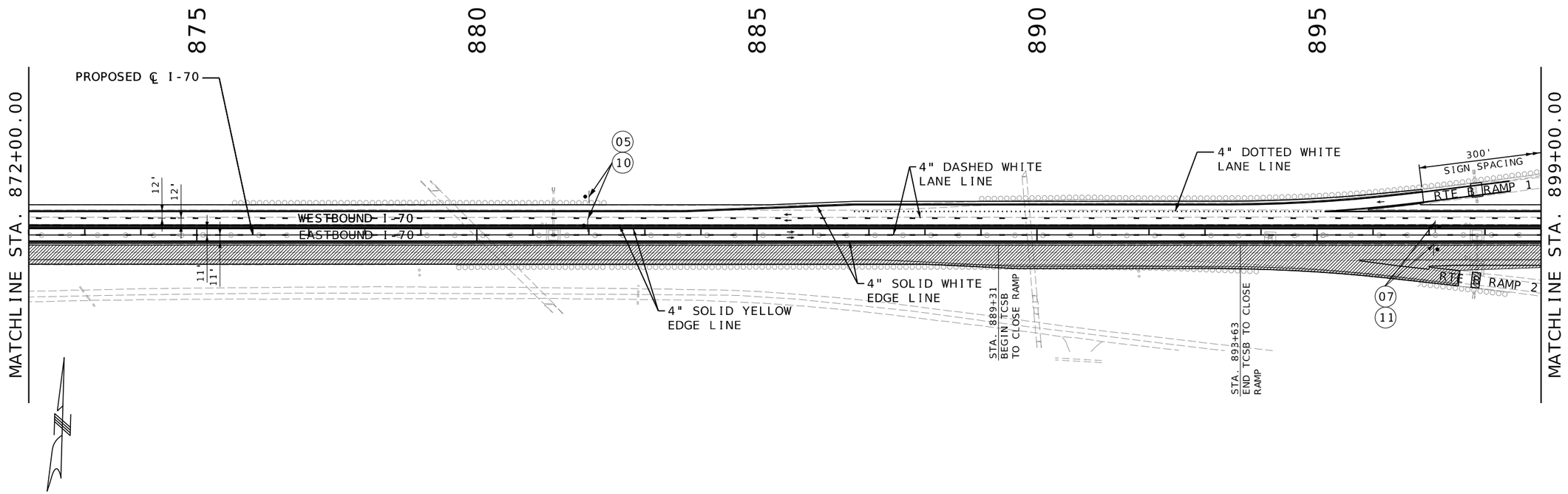
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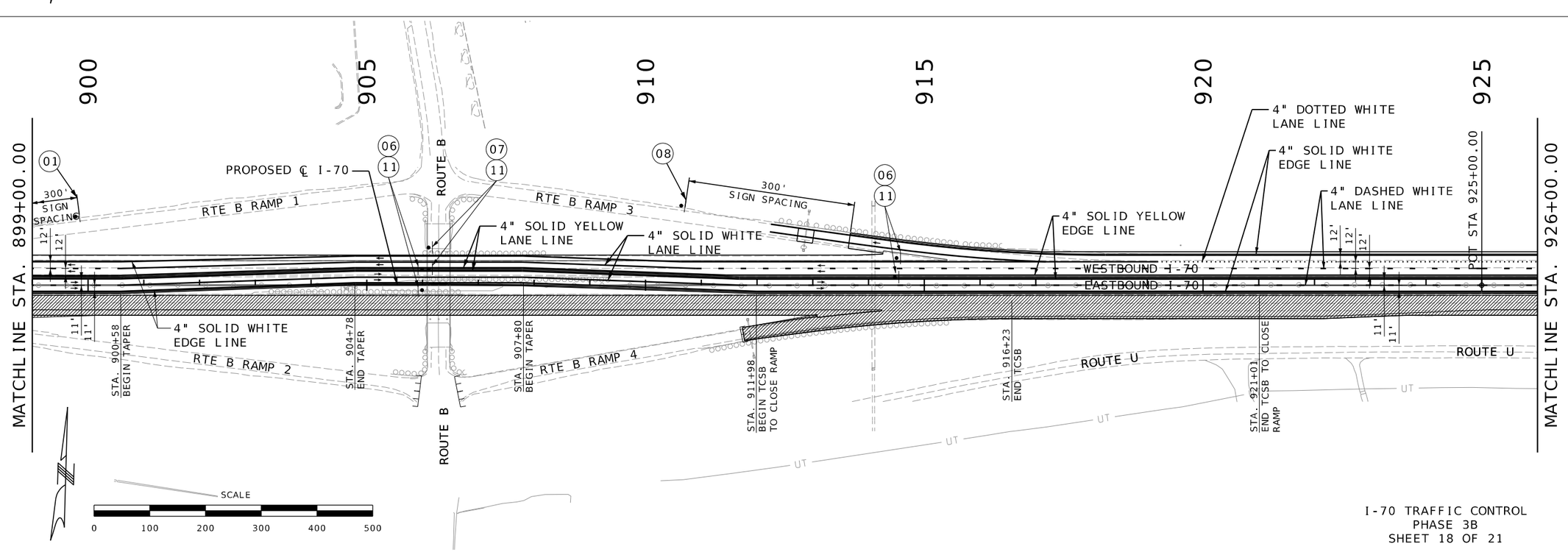
BRIDGE NO.
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| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3B
SHEET 18 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

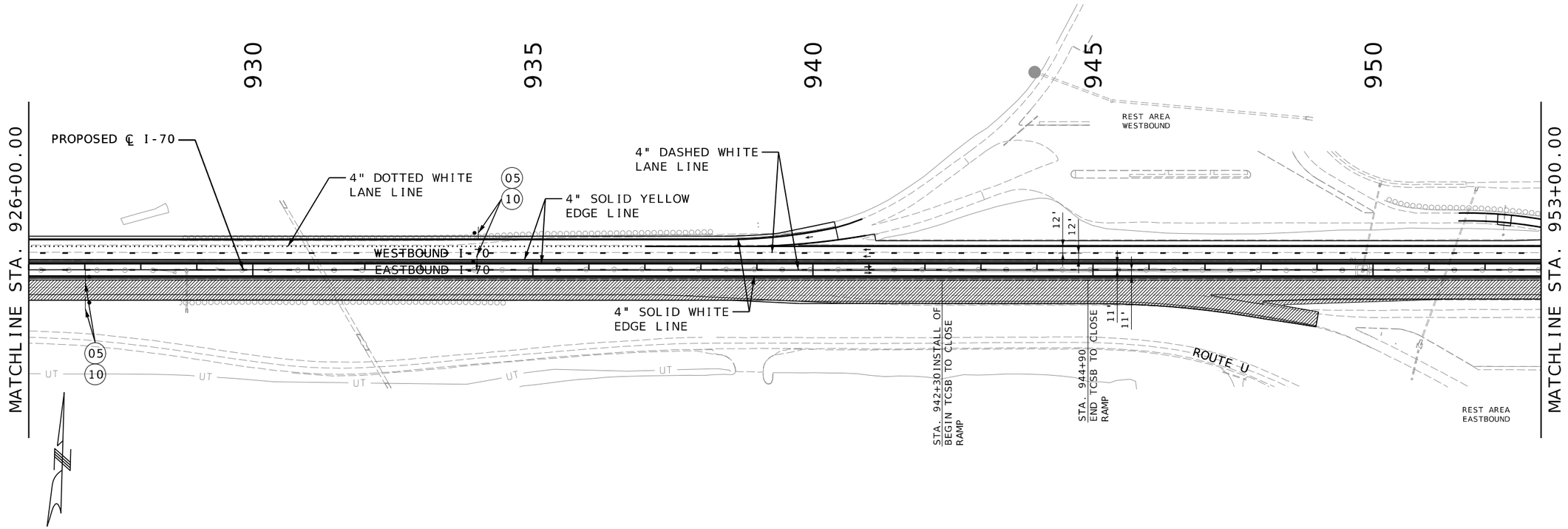
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| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 178 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

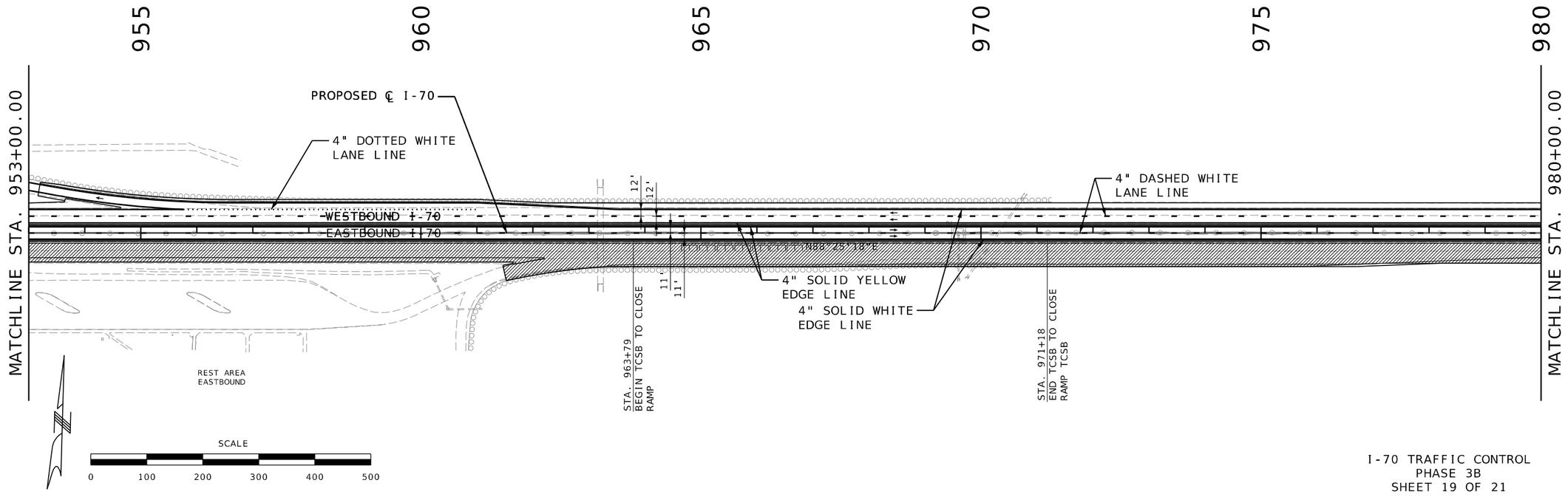
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 3B
SHEET 19 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 179 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

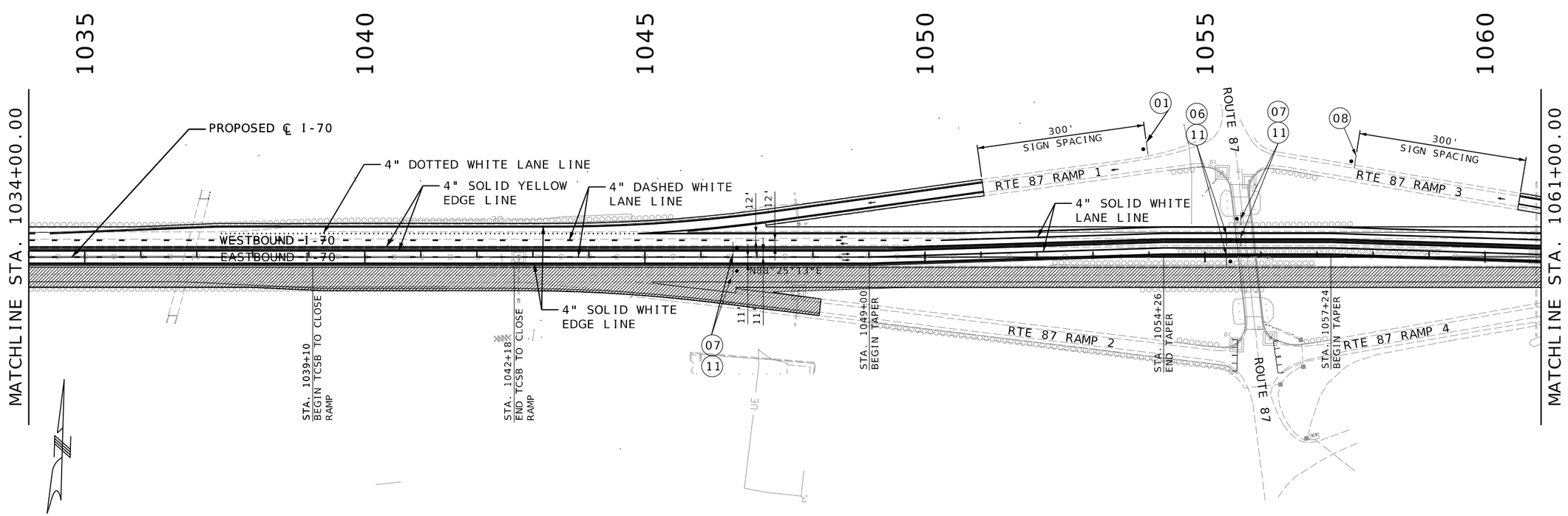
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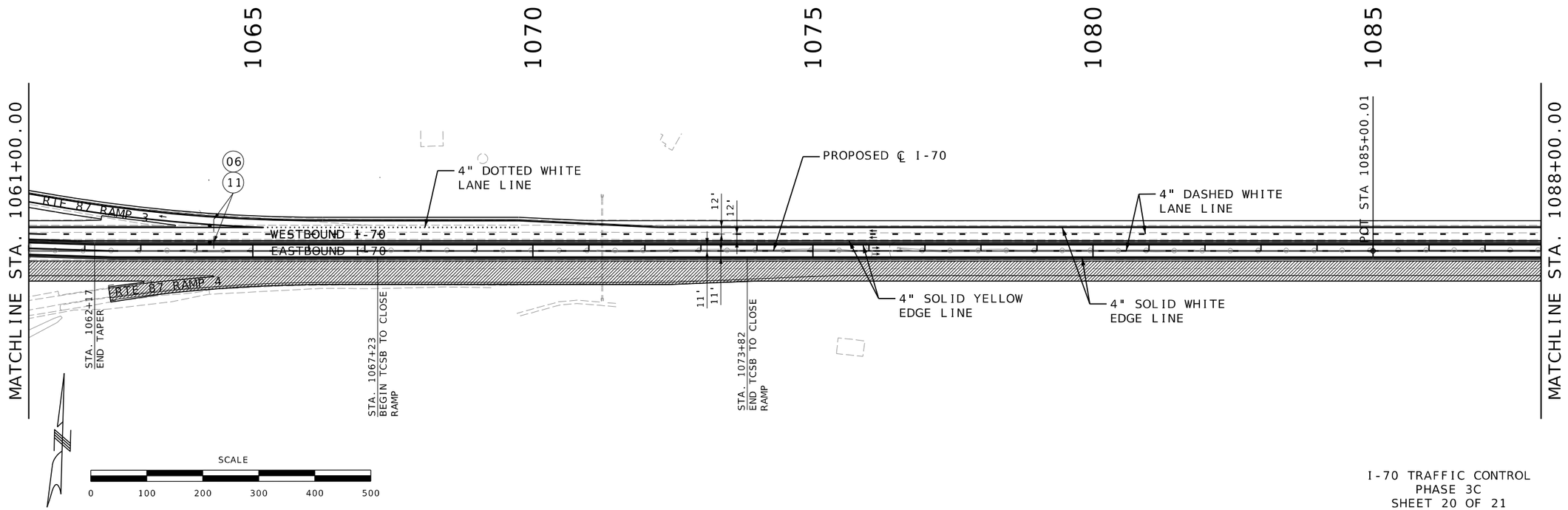
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 3C
SHEET 20 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 180 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

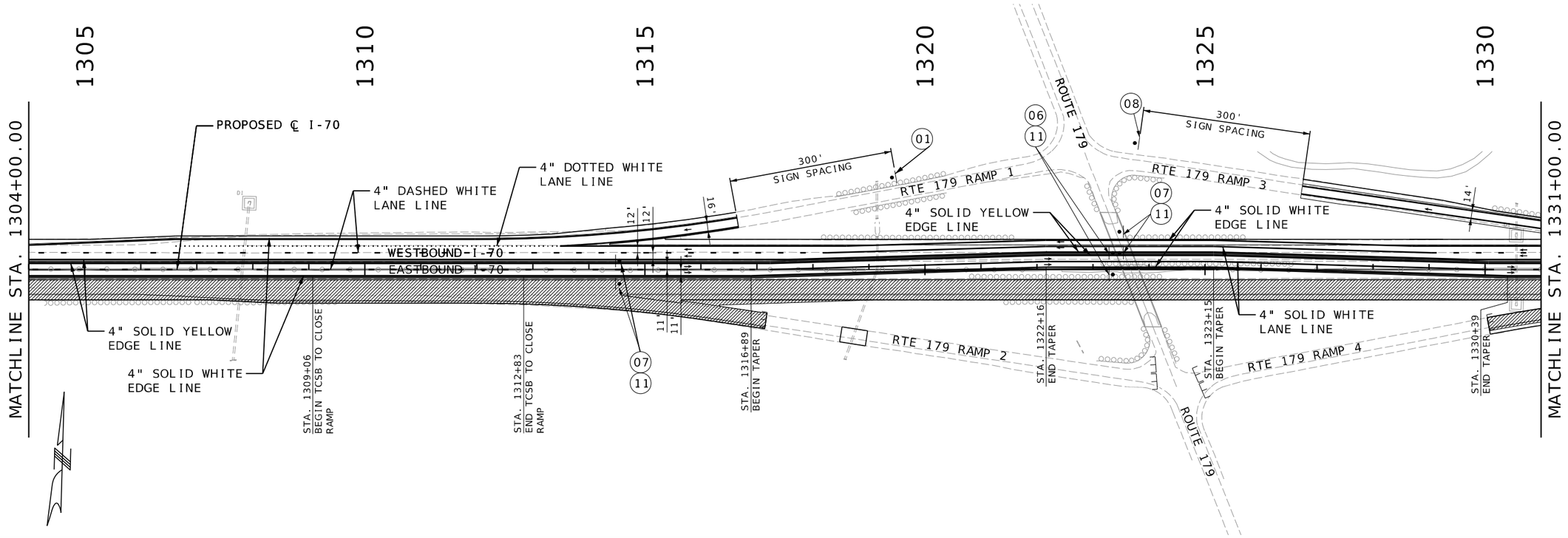
PROJECT NO.
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BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 3D
SHEET 21 OF 21

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 181 |

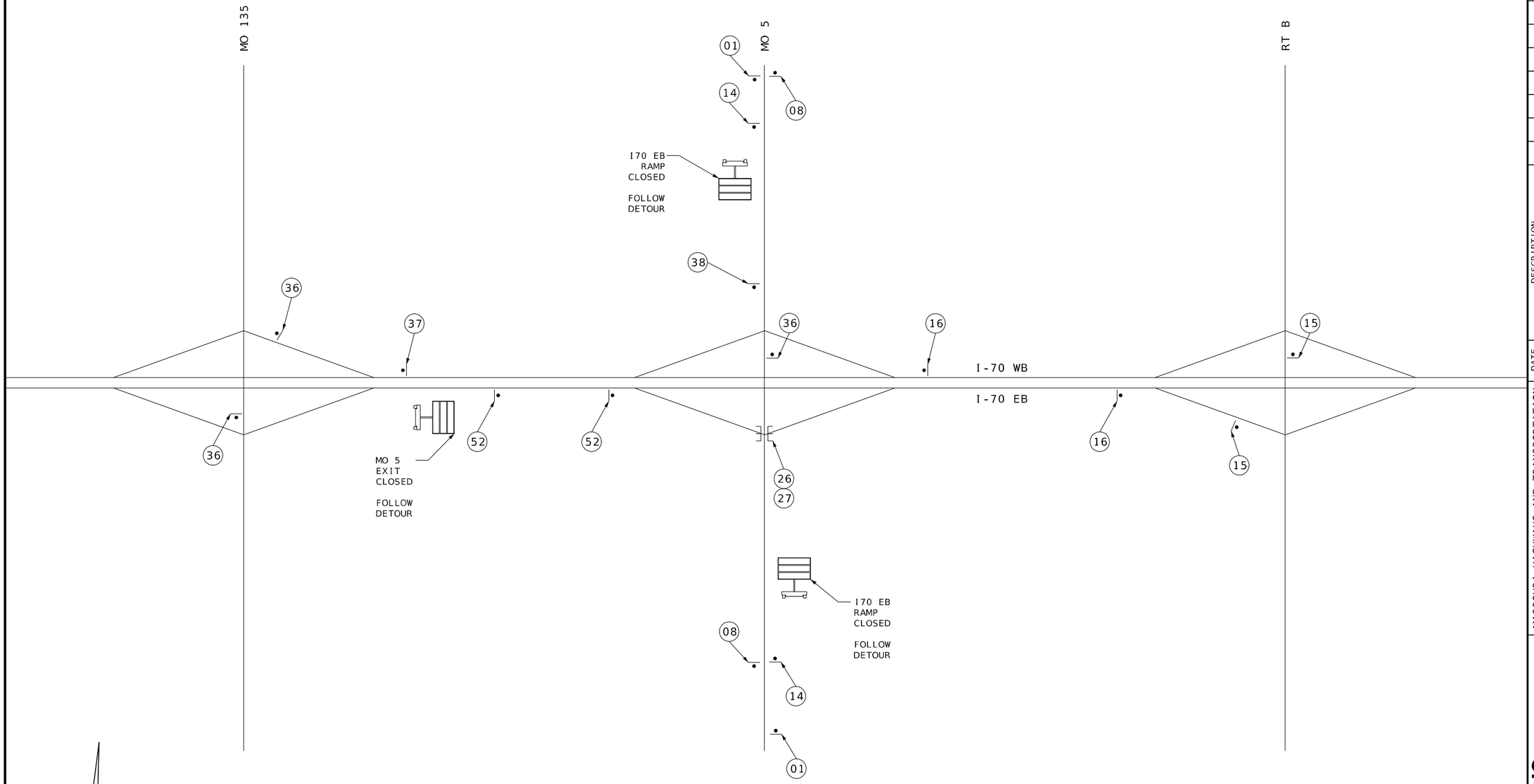
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

NOTE:
INCLUDE SPECIAL "CLOSED" SIGN
OVER EXISTING EXIT GUIDE SIGNS
FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 3A MO 5 DETOUR
SHEET 01 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 182 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

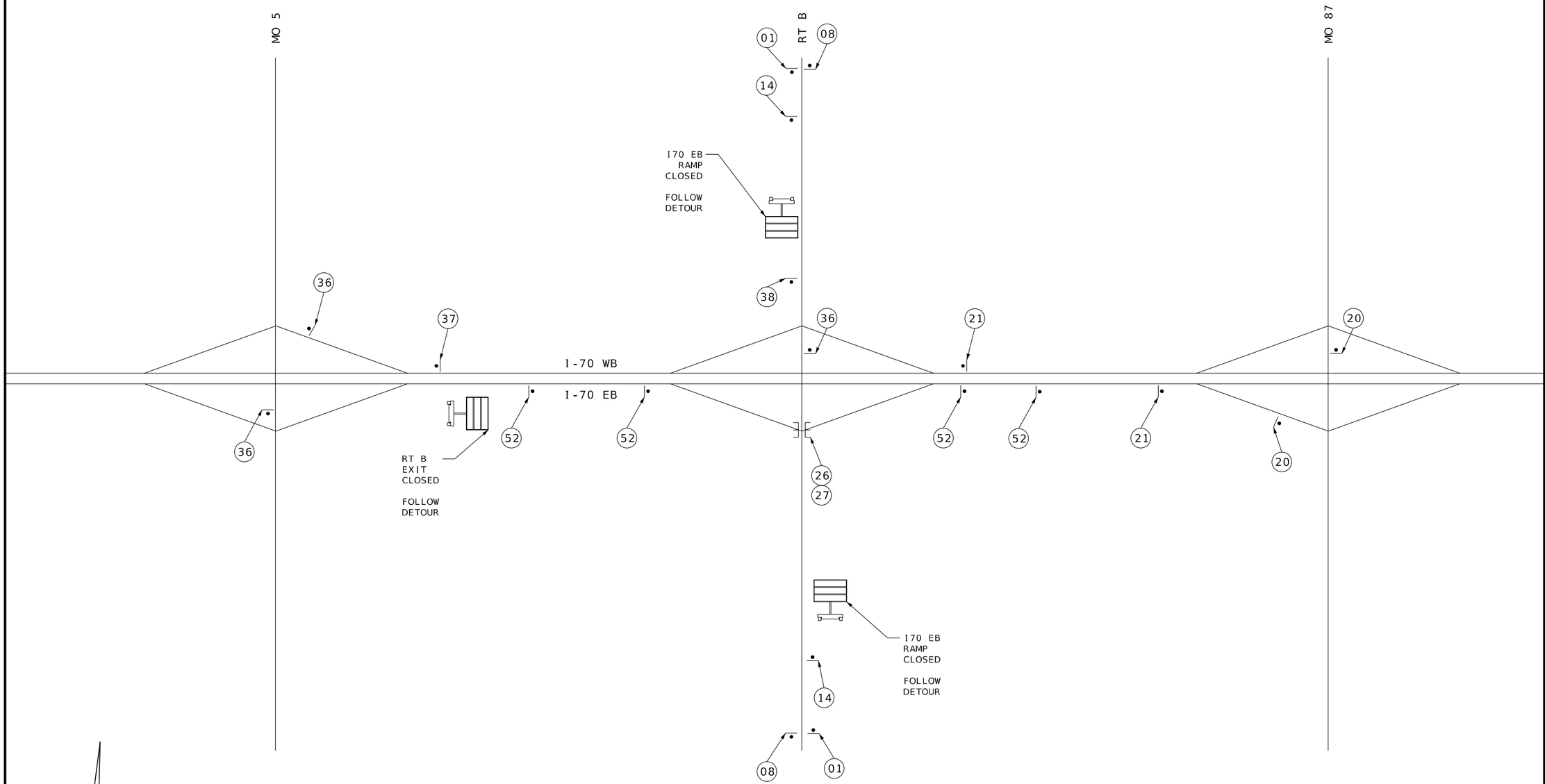
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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FOR RAMP CLOSURE.




NOT TO SCALE

I-70 TRAFFIC CONTROL
PHASE 3B RT B DETOUR
SHEET 02 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 183 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

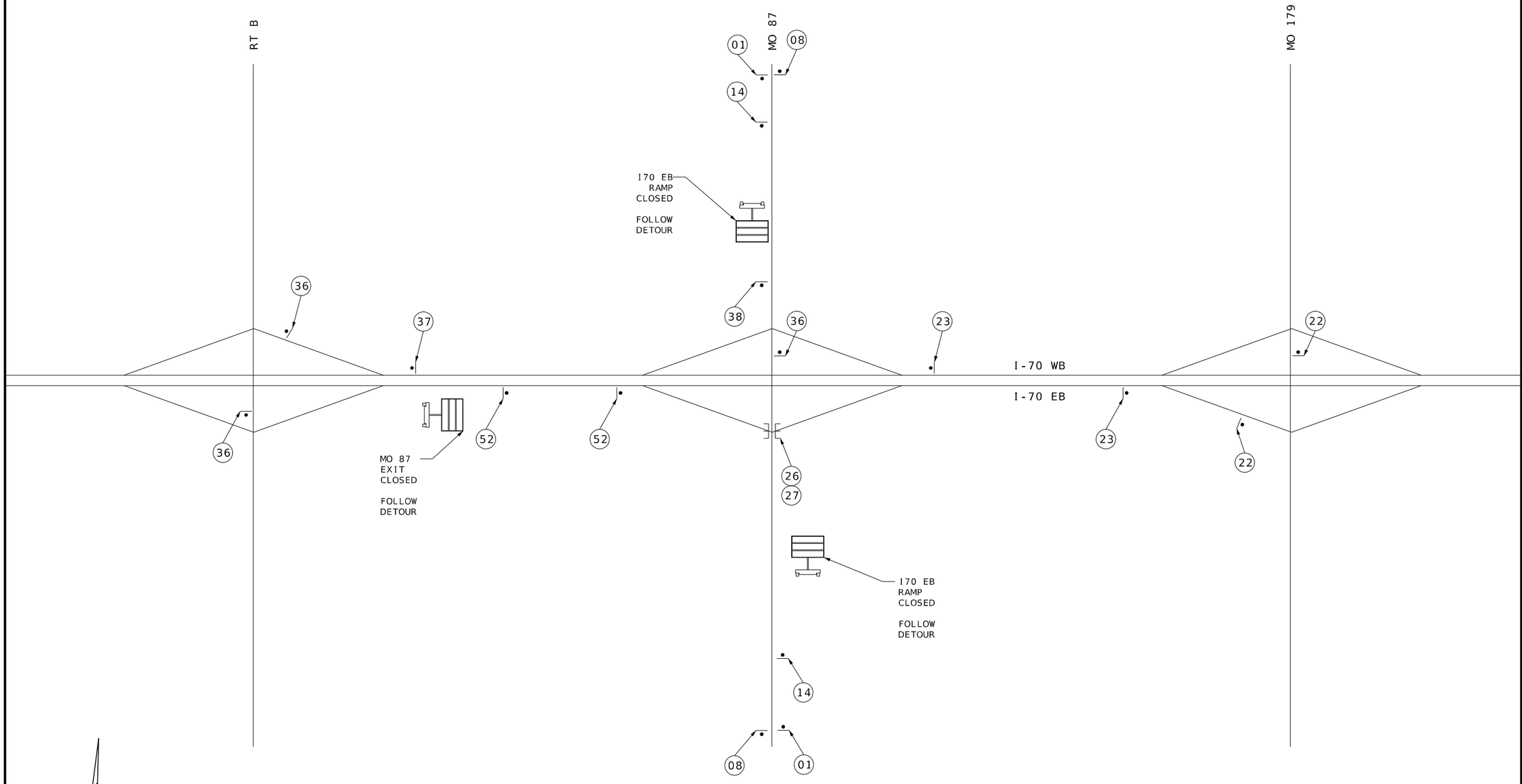
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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FOR RAMP CLOSURE.




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I-70 TRAFFIC CONTROL
PHASE 3C MO 87 DETOUR
SHEET 03 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 184 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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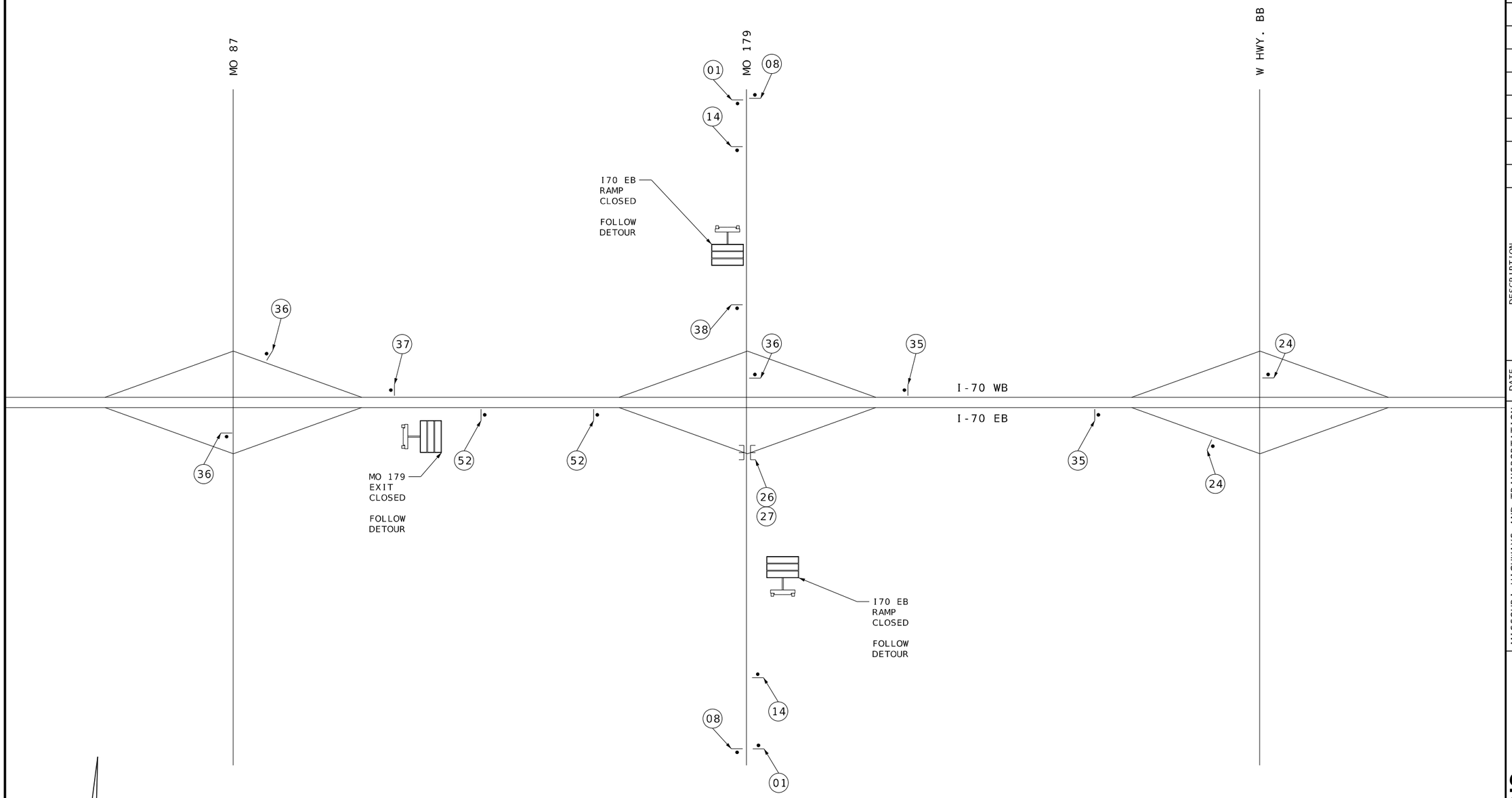
| DESCRIPTION | DATE |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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FOR RAMP CLOSURE.




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I-70 TRAFFIC CONTROL
PHASE 3D MO 179 DETOUR
SHEET 04 OF 04

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 185 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

I-70 TRAFFIC CONTROL
PHASE 4
SHEET 01 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 186 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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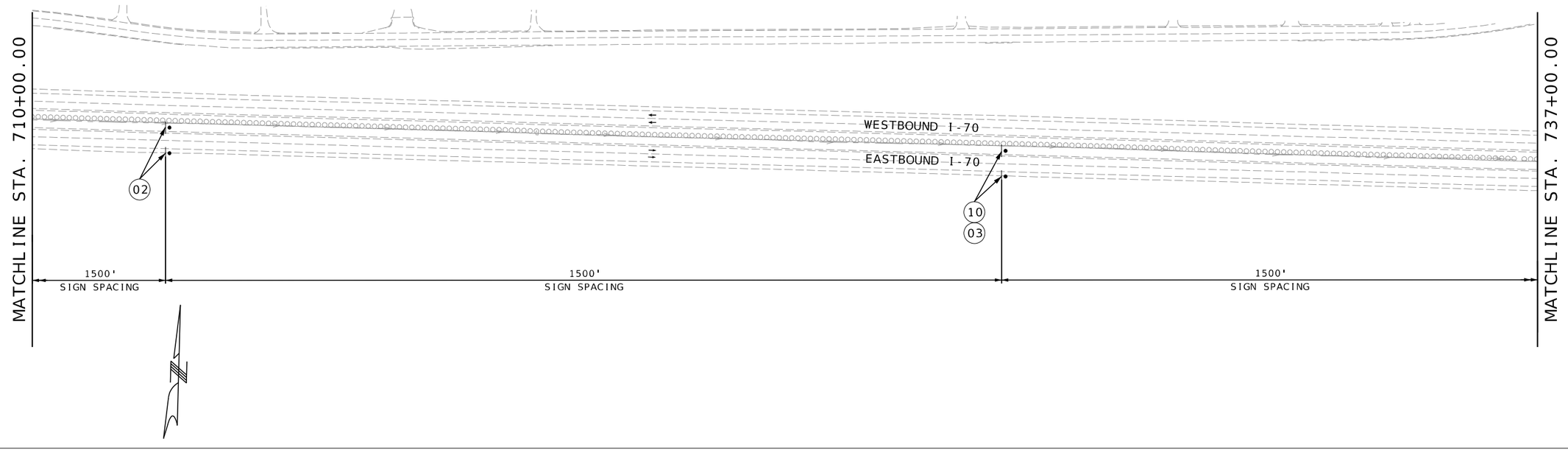
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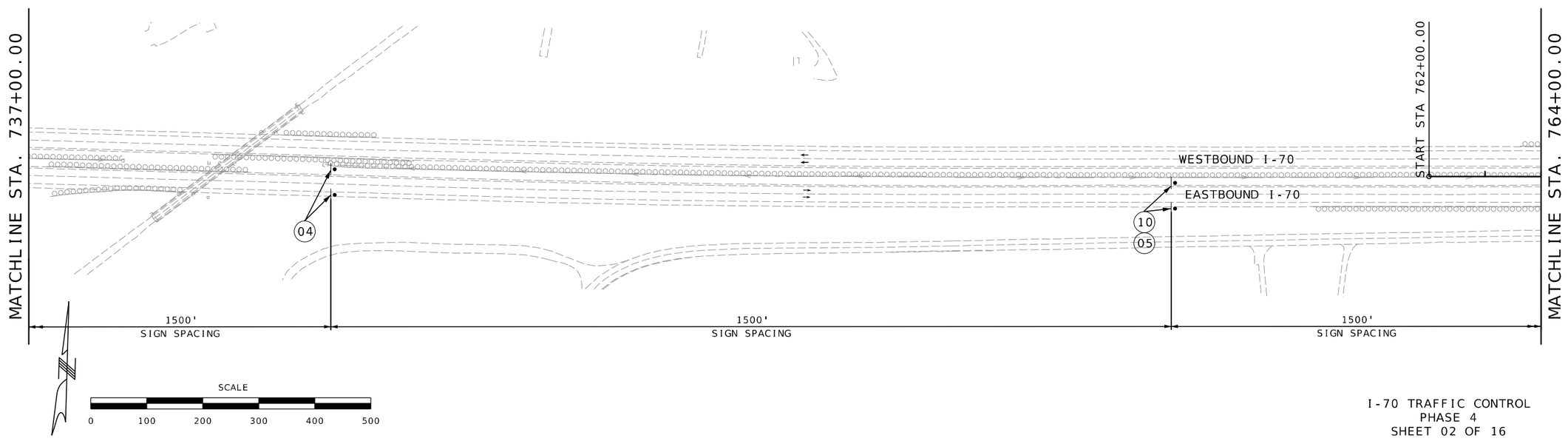
| DESCRIPTION | DATE |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 02 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

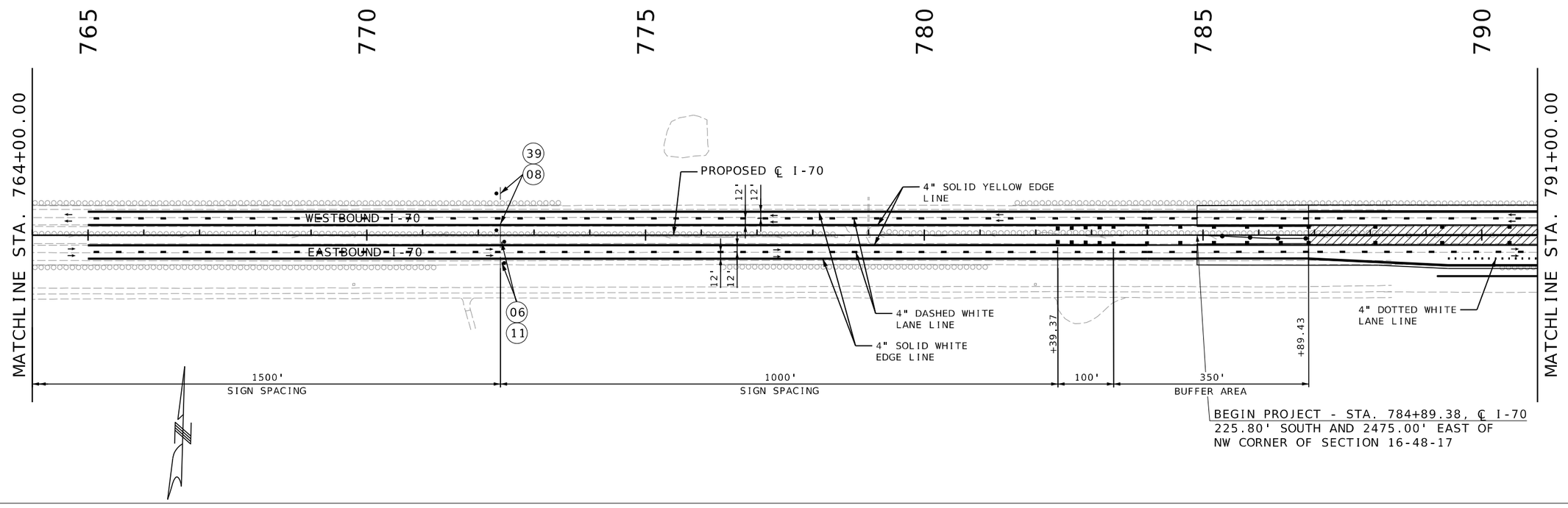
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|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 187 |

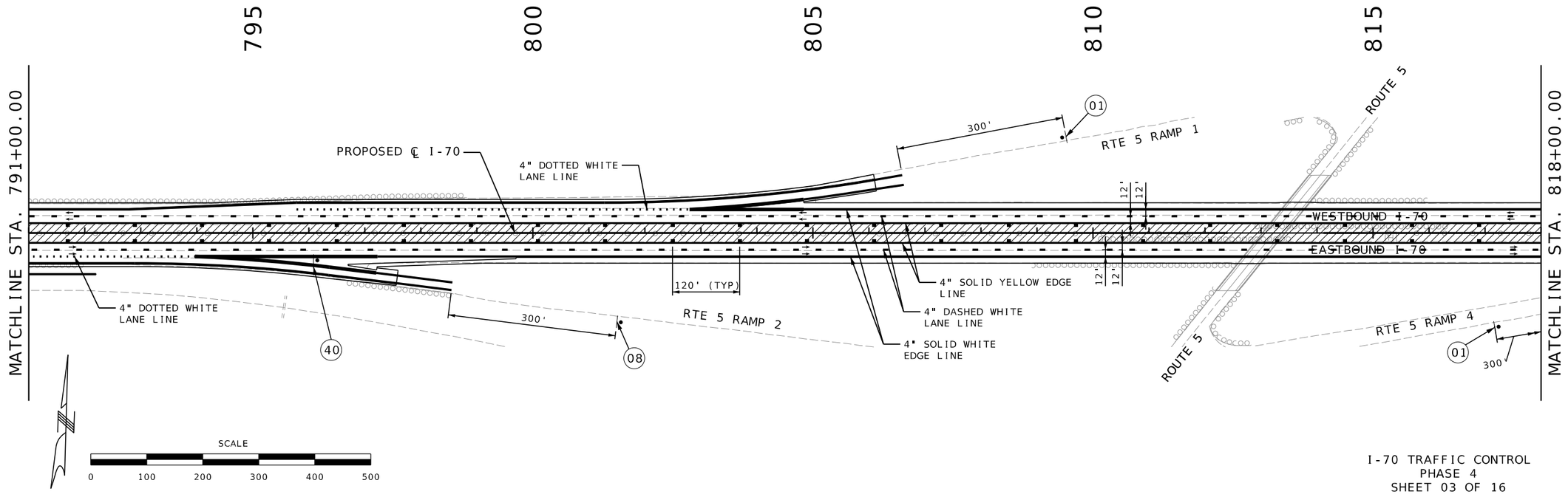
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 03 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 188 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

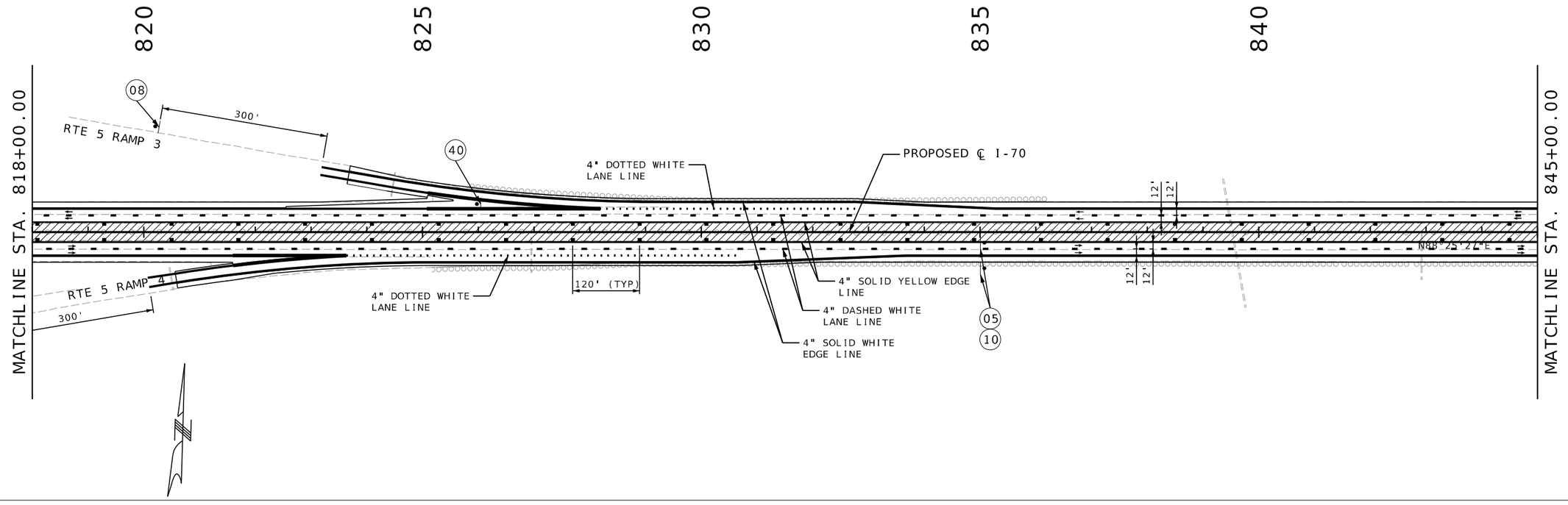
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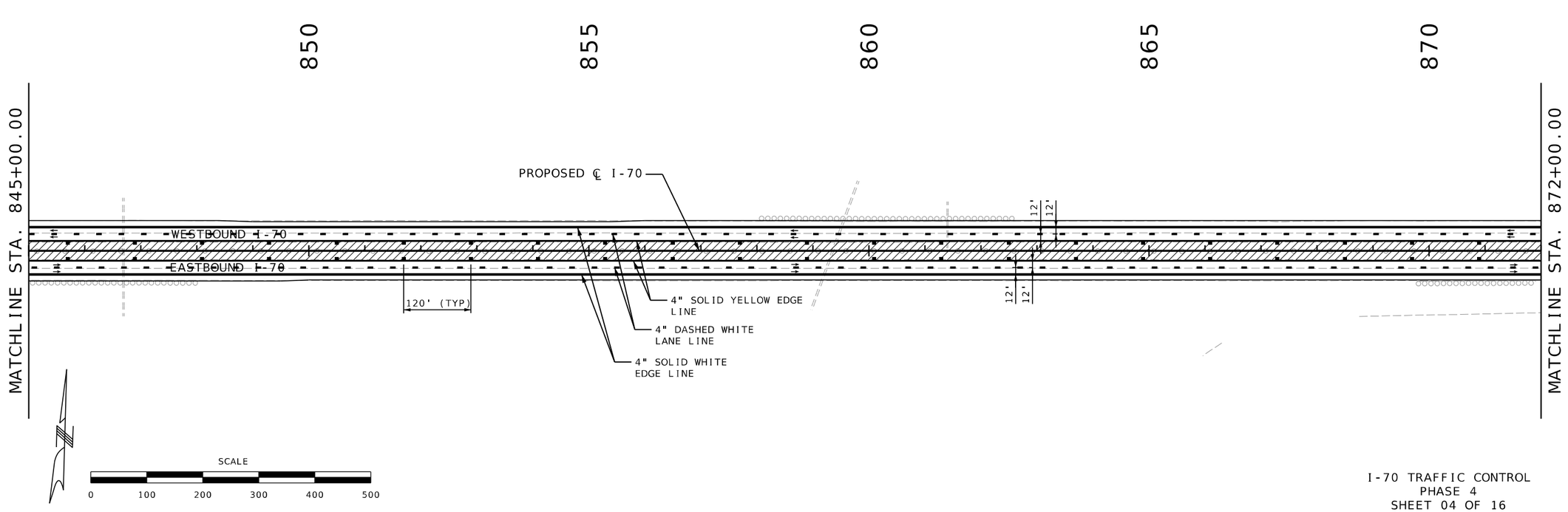
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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Certificate of Authority
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 04 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 189 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

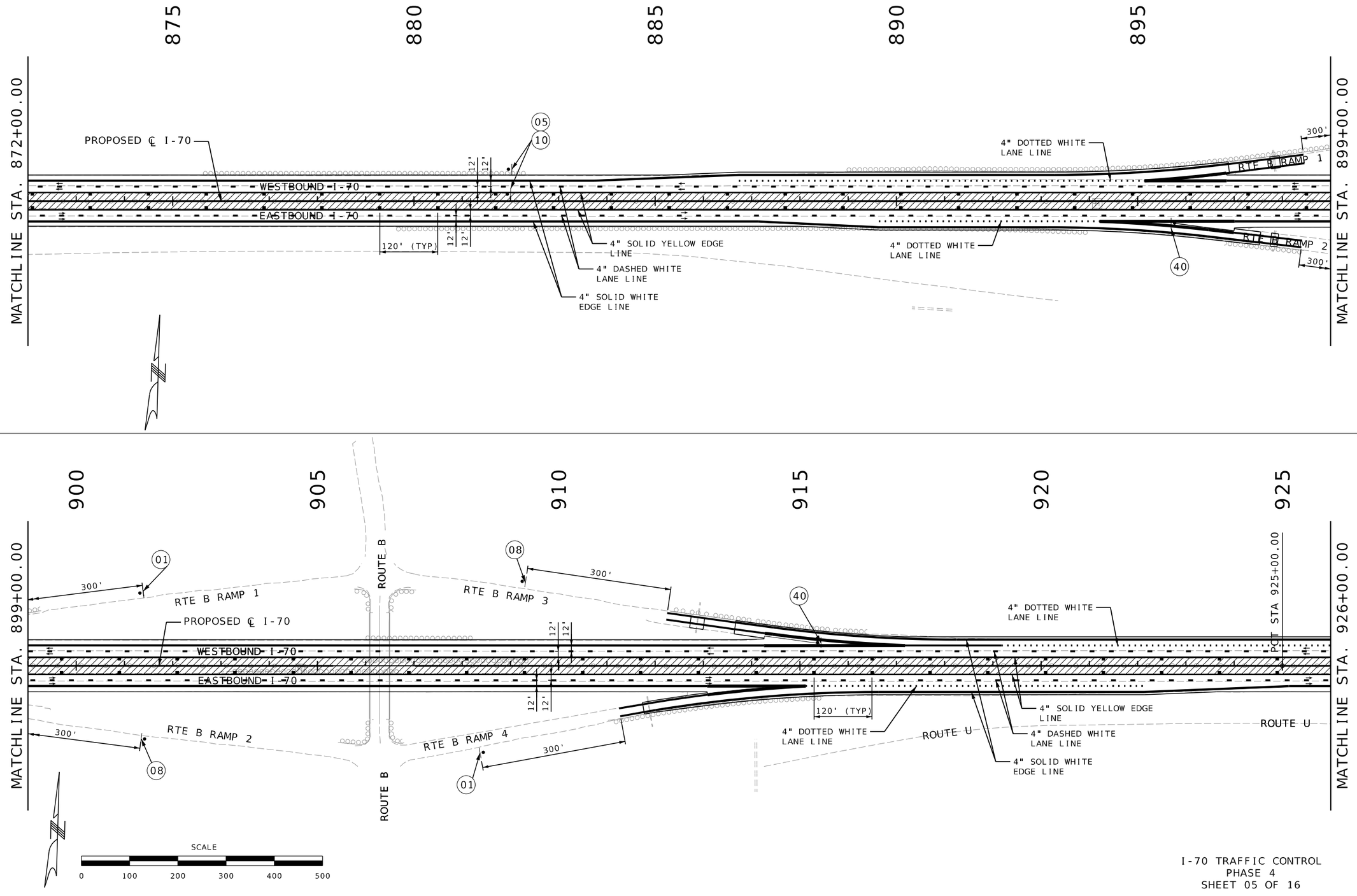
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BRIDGE NO.
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 05 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 190 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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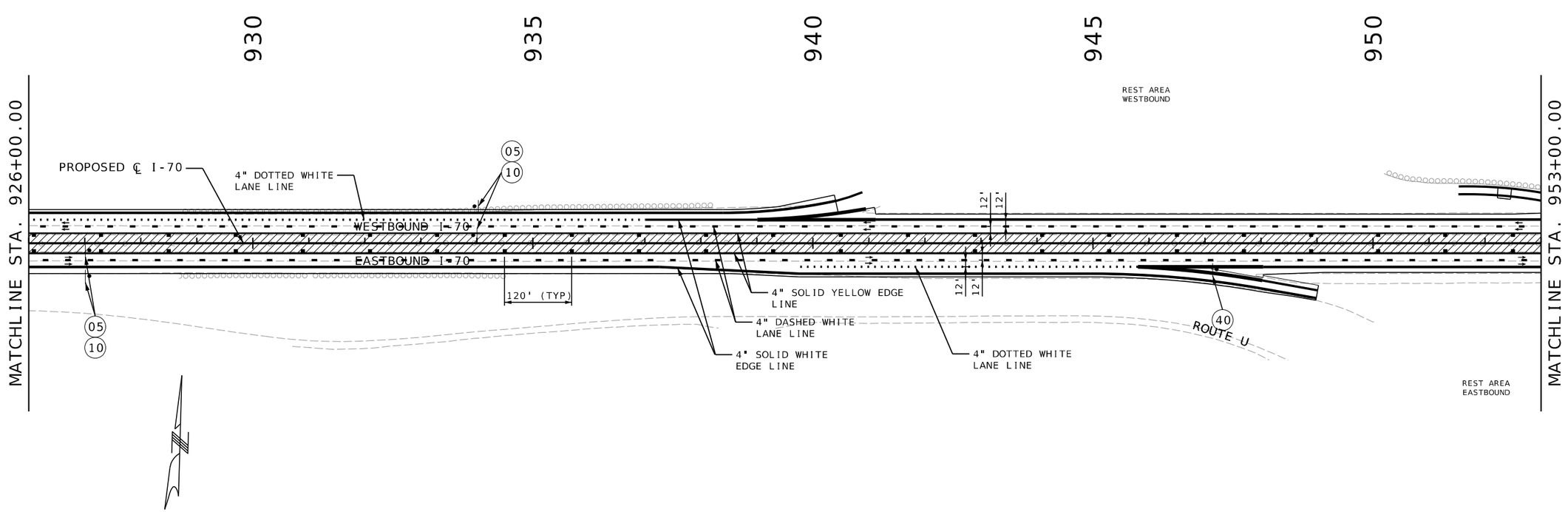
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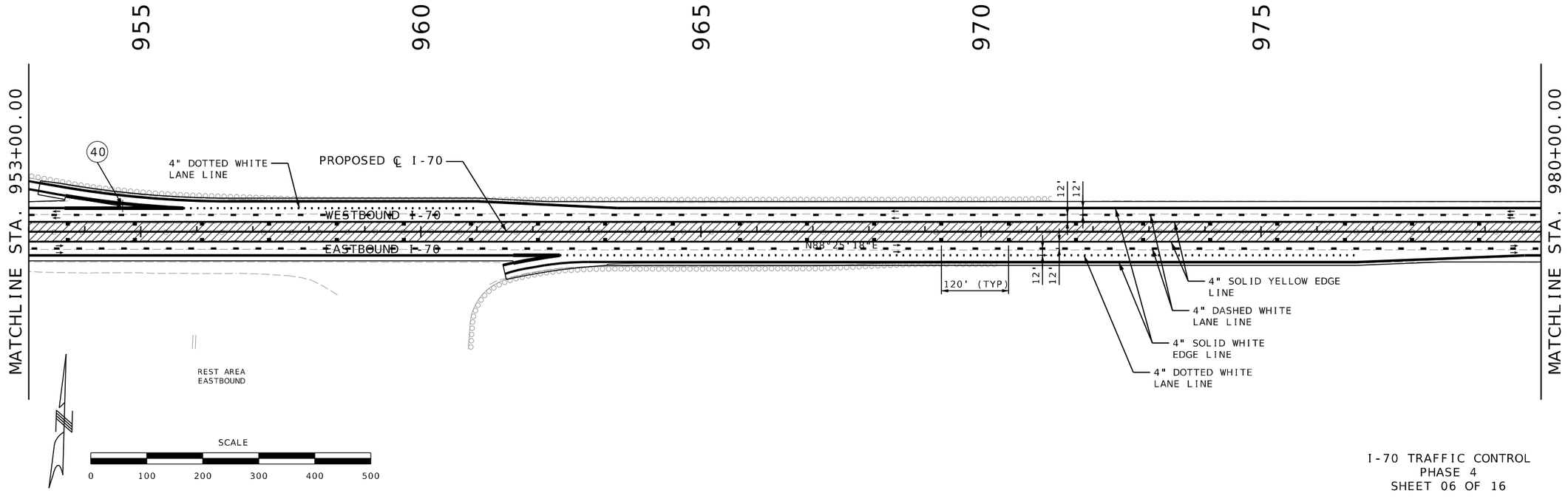
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-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
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No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 06 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 191 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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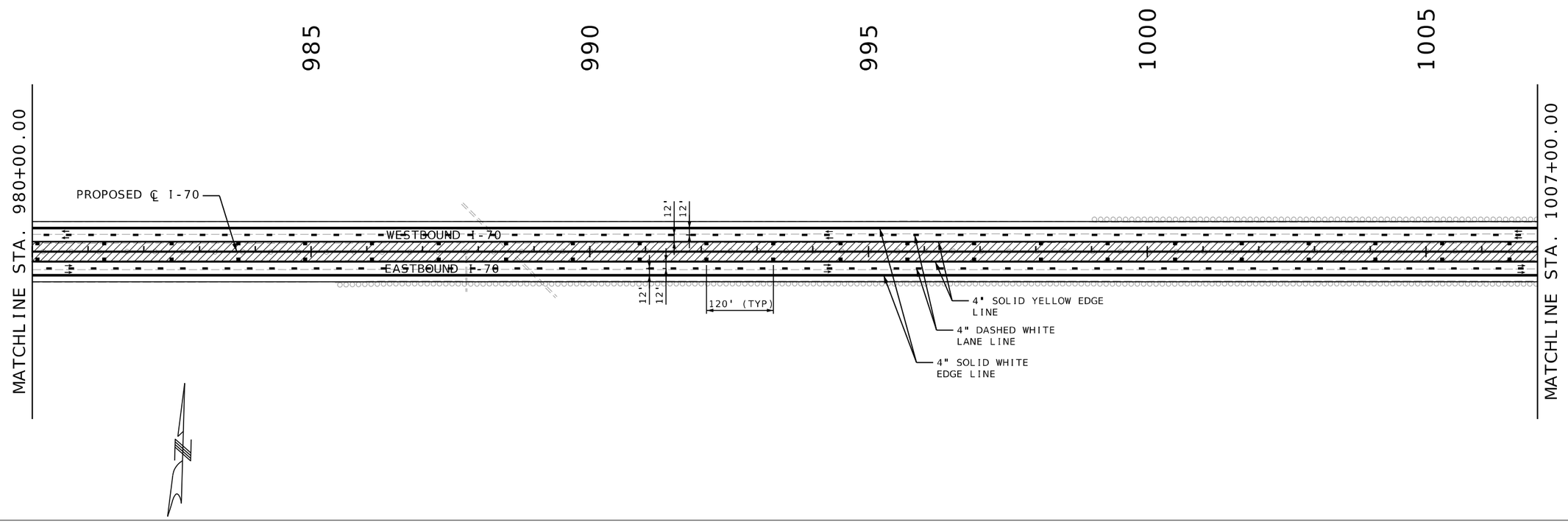
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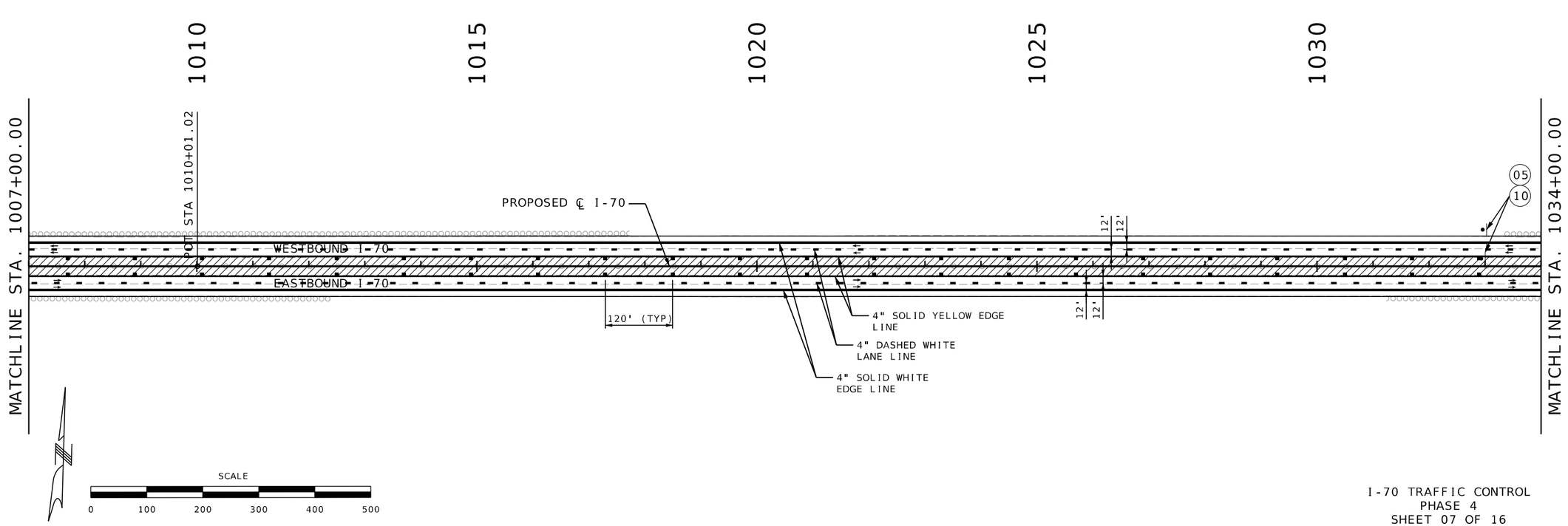
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 07 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 192 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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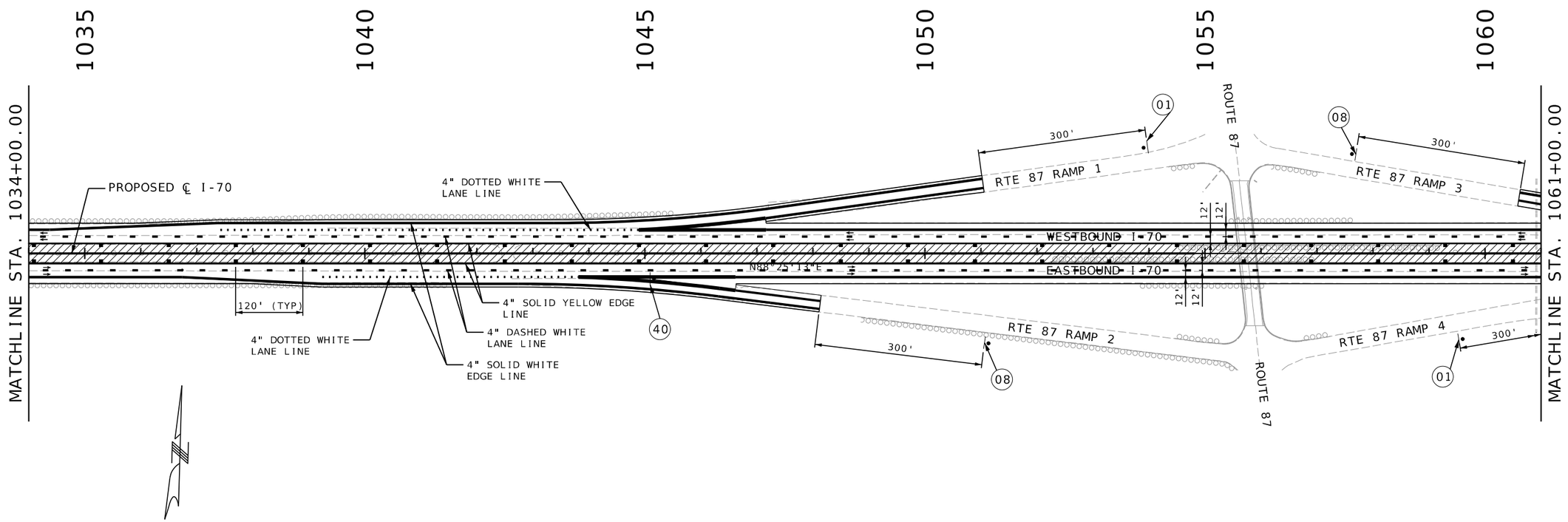
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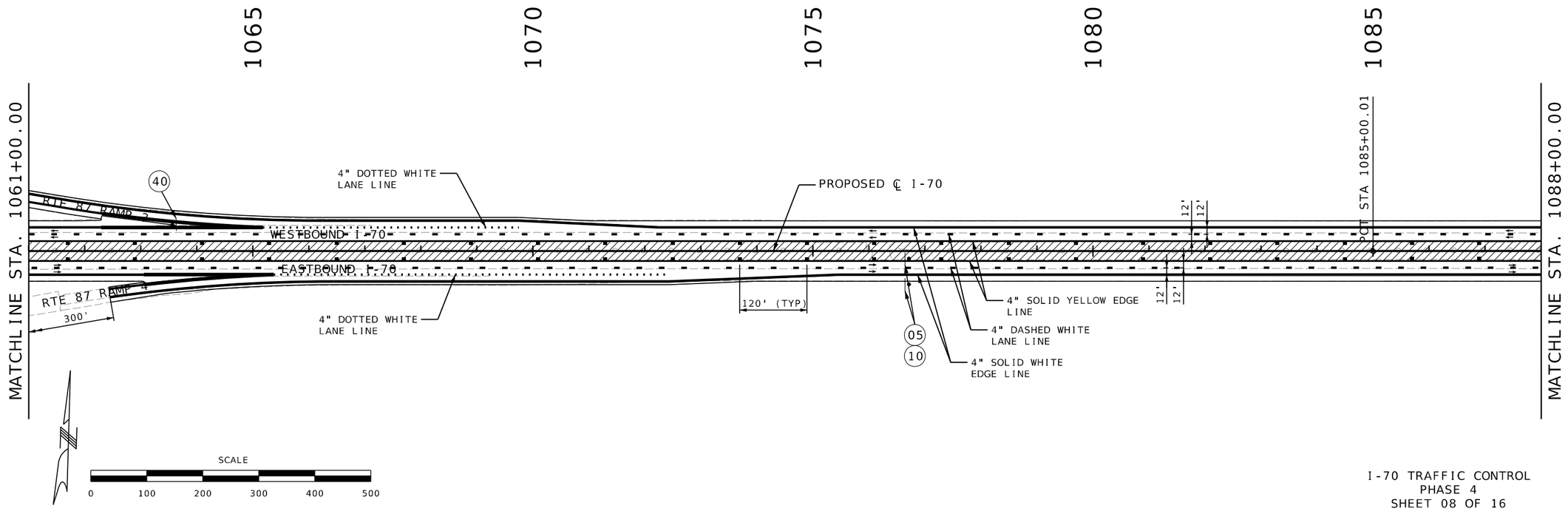
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 08 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

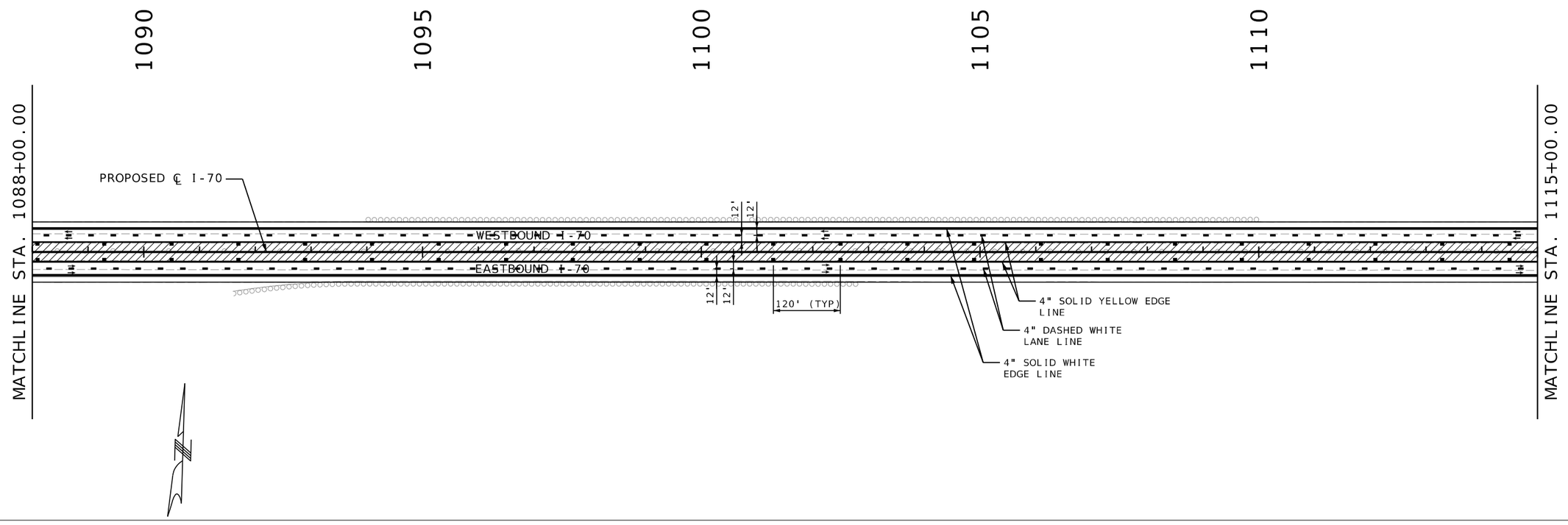
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

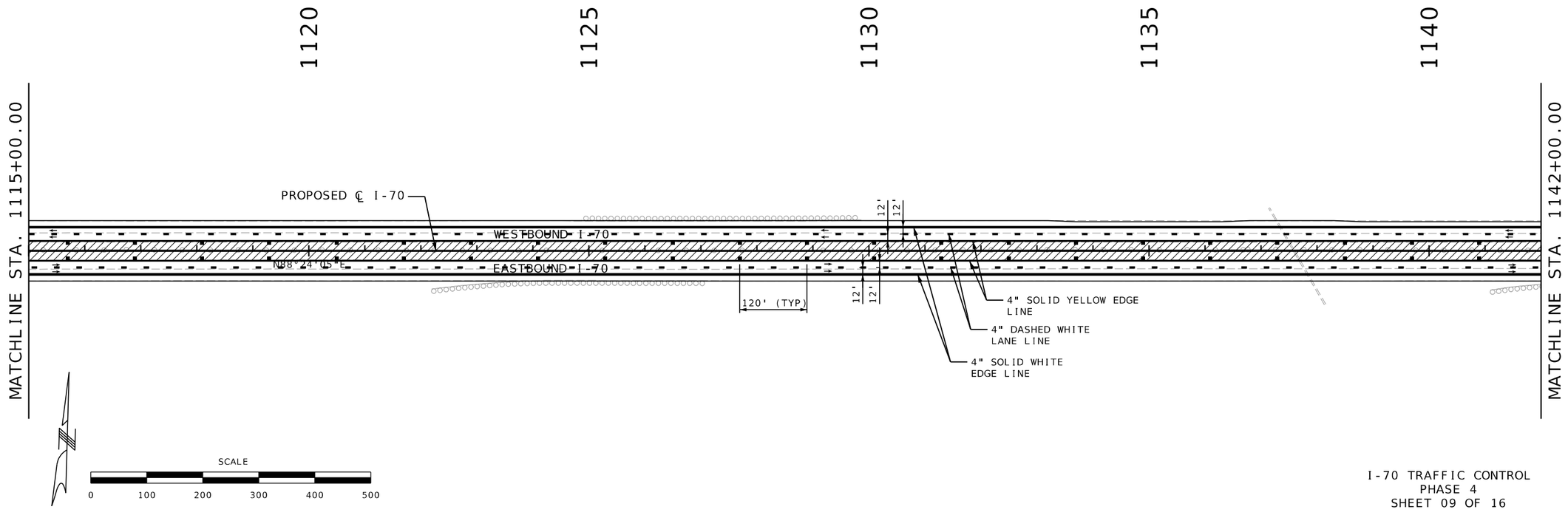
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 193 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 09 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 194 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

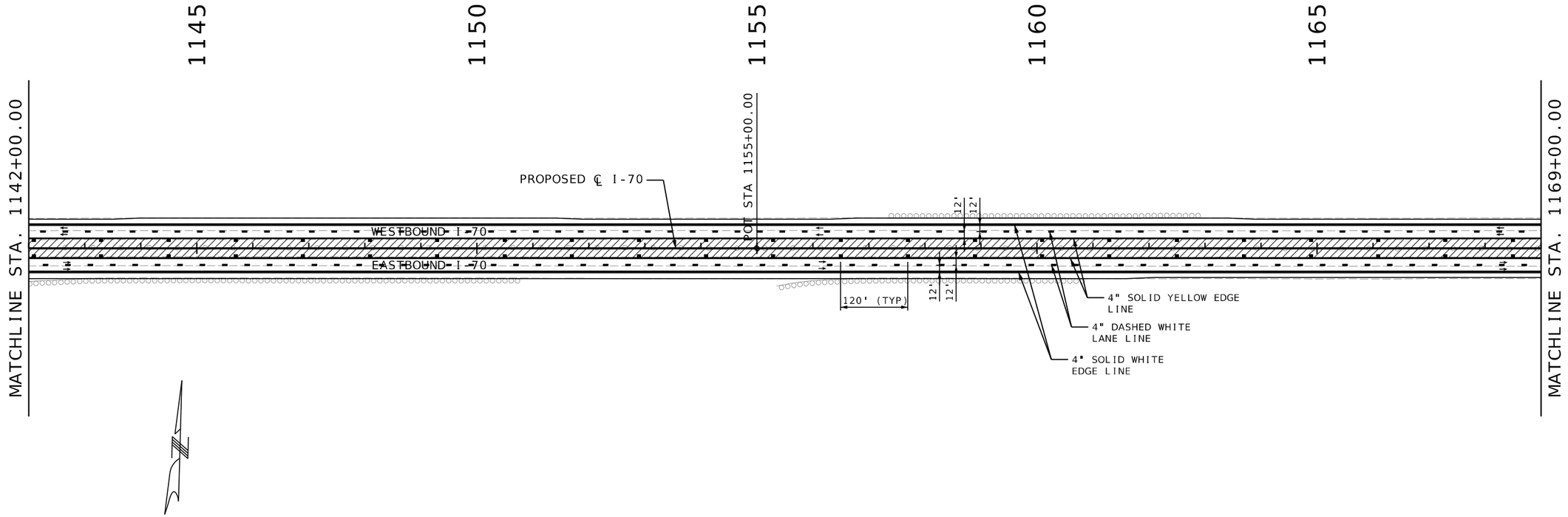
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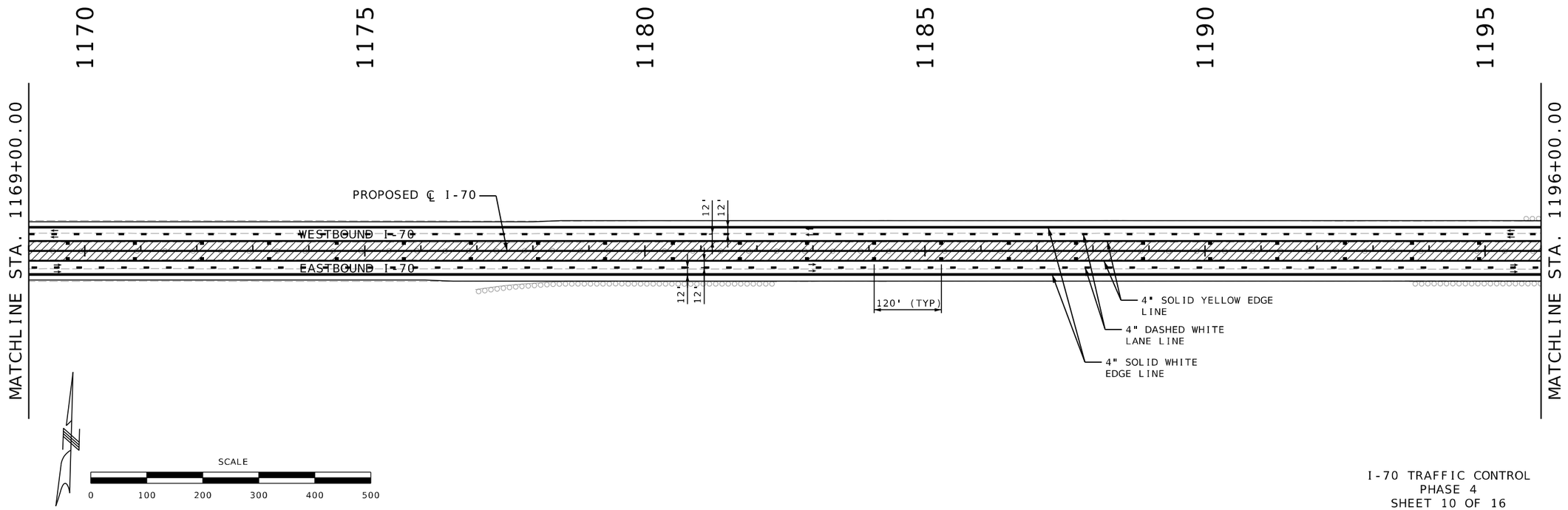
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 10 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 195 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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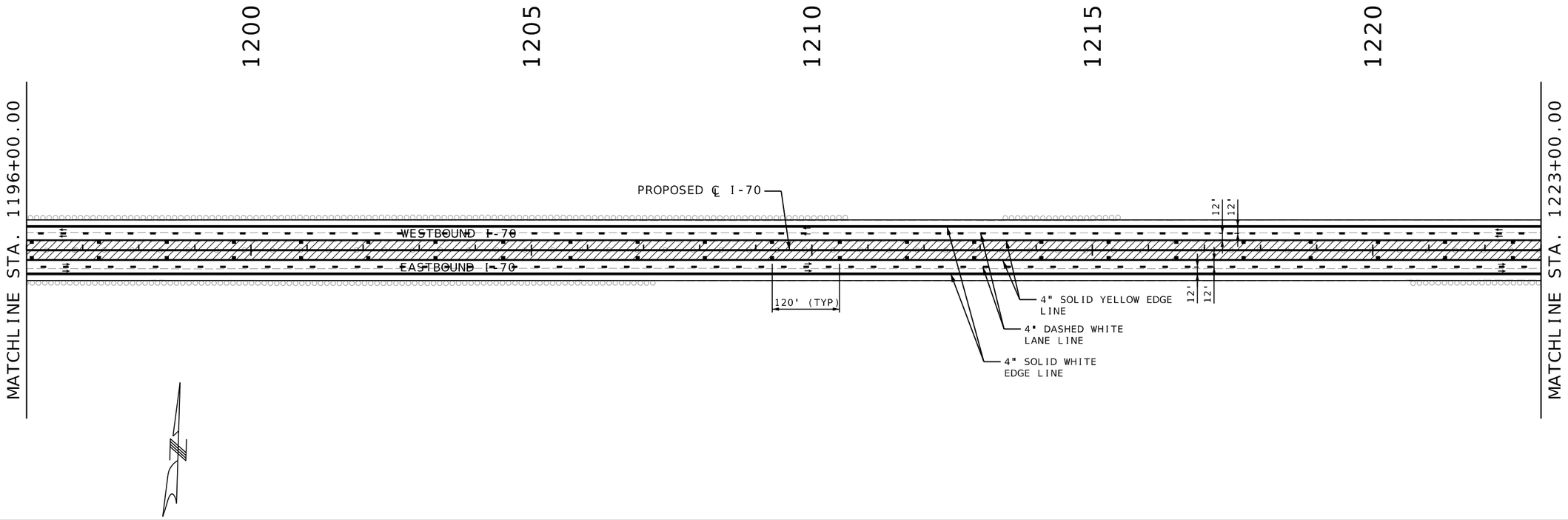
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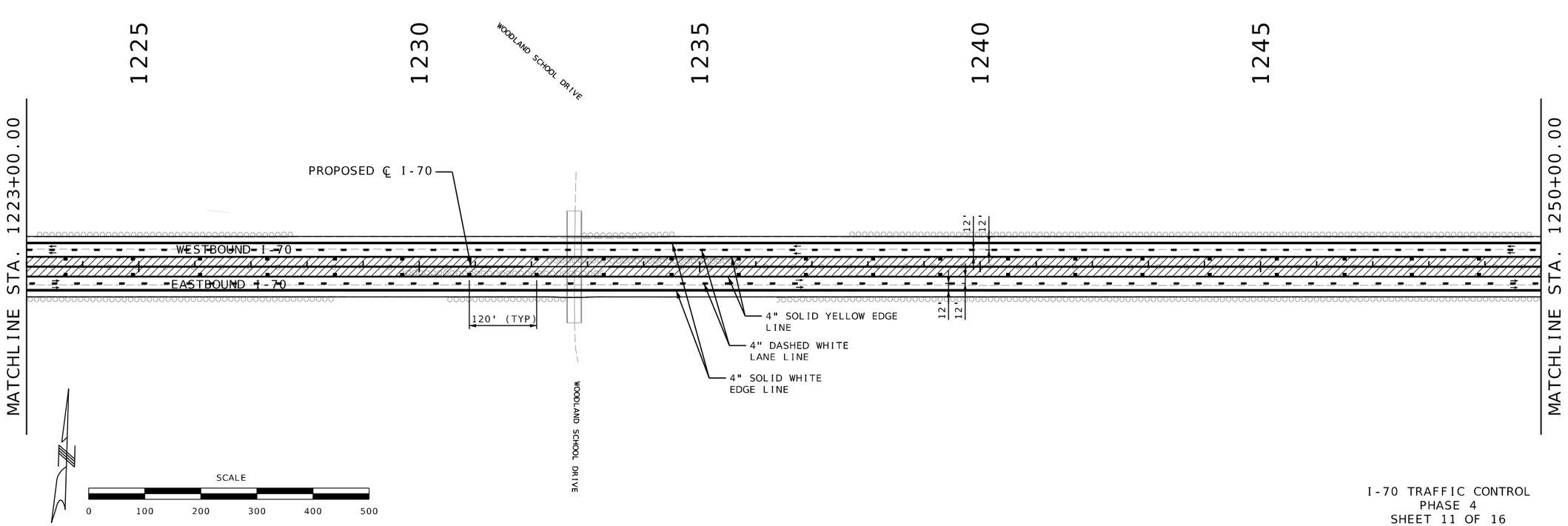
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 11 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 196 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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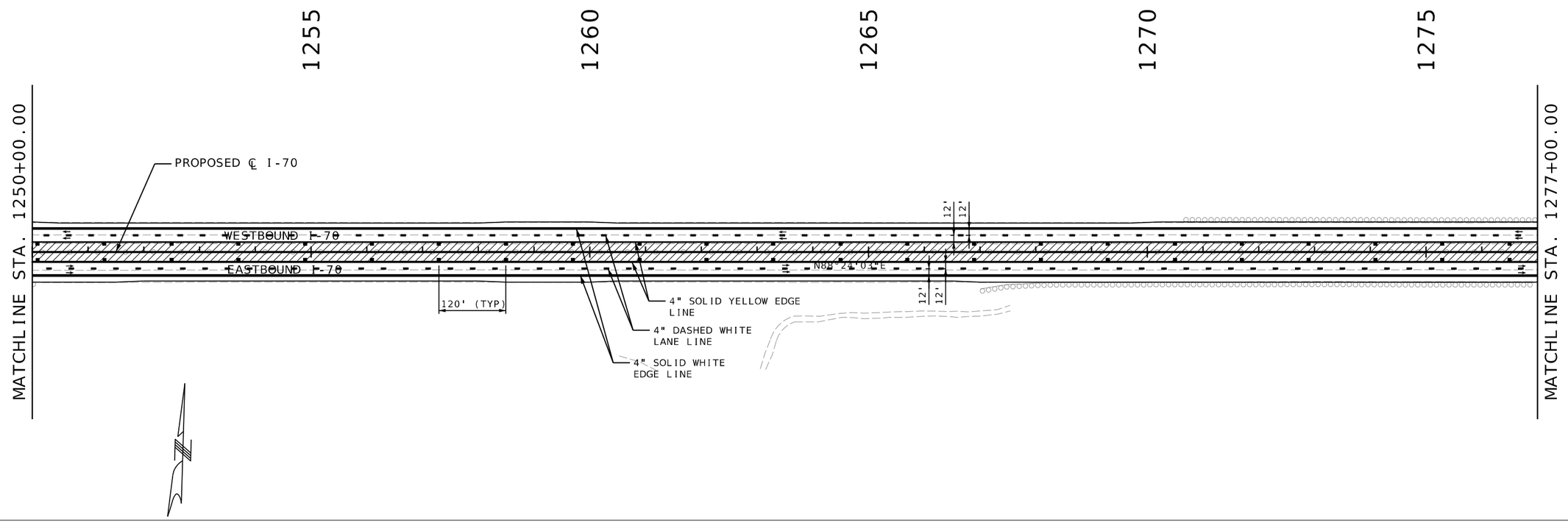
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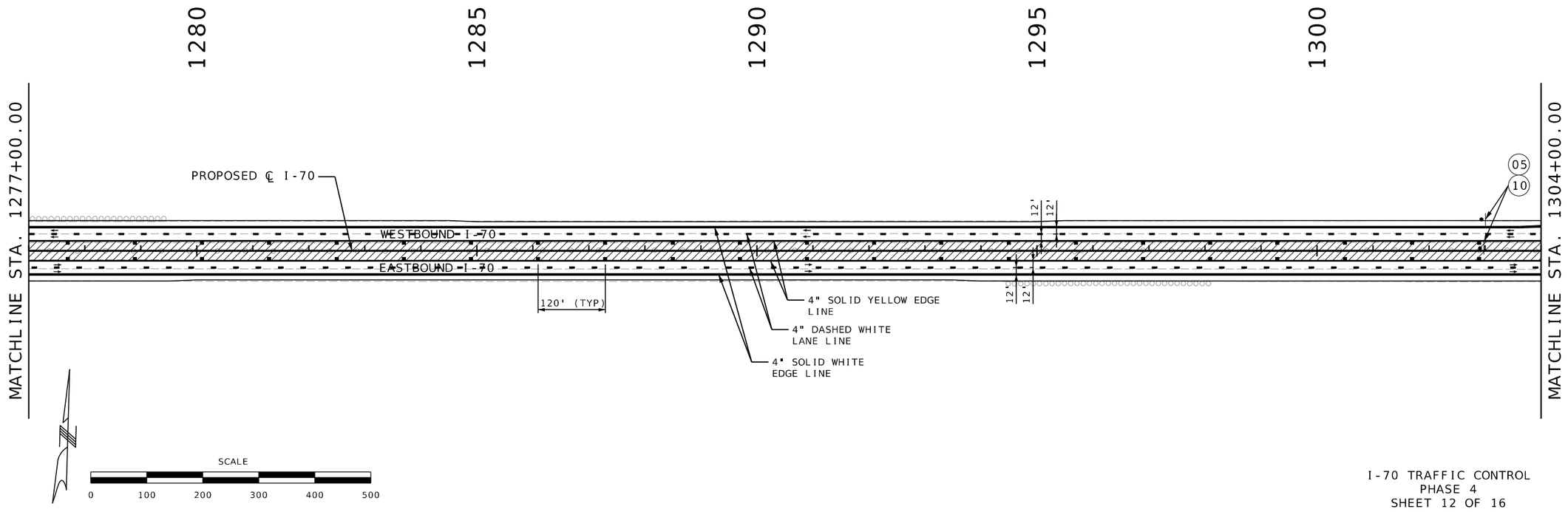
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 12 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 197 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

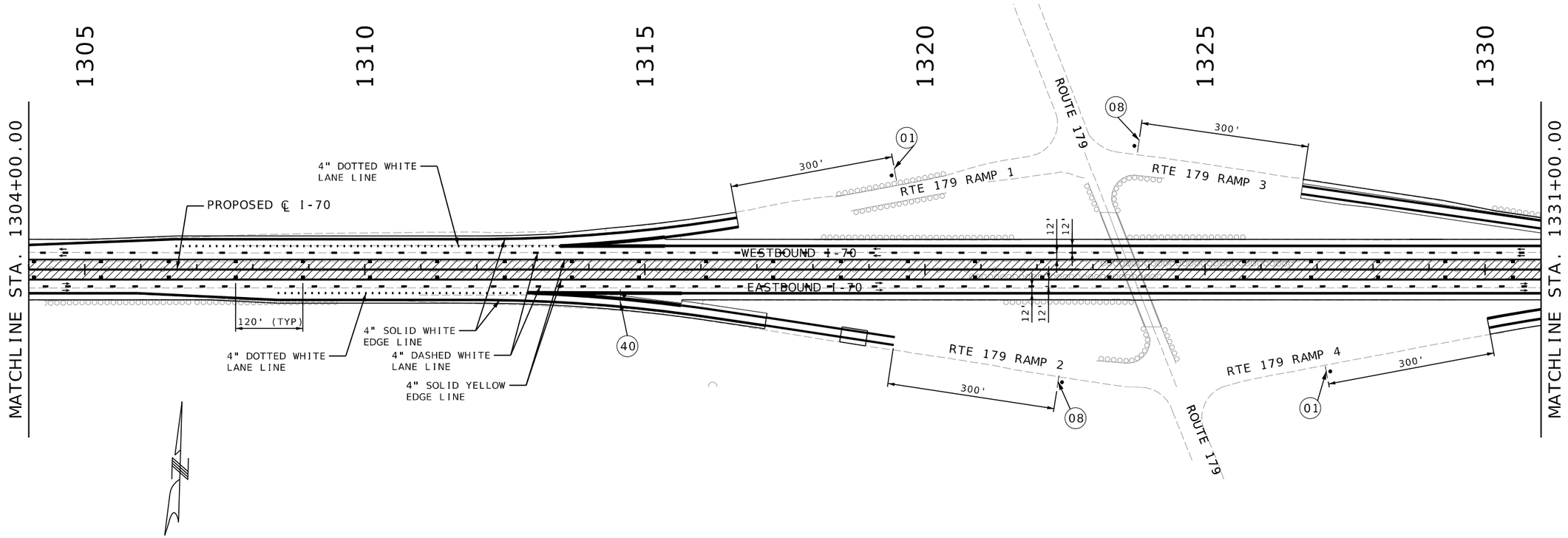
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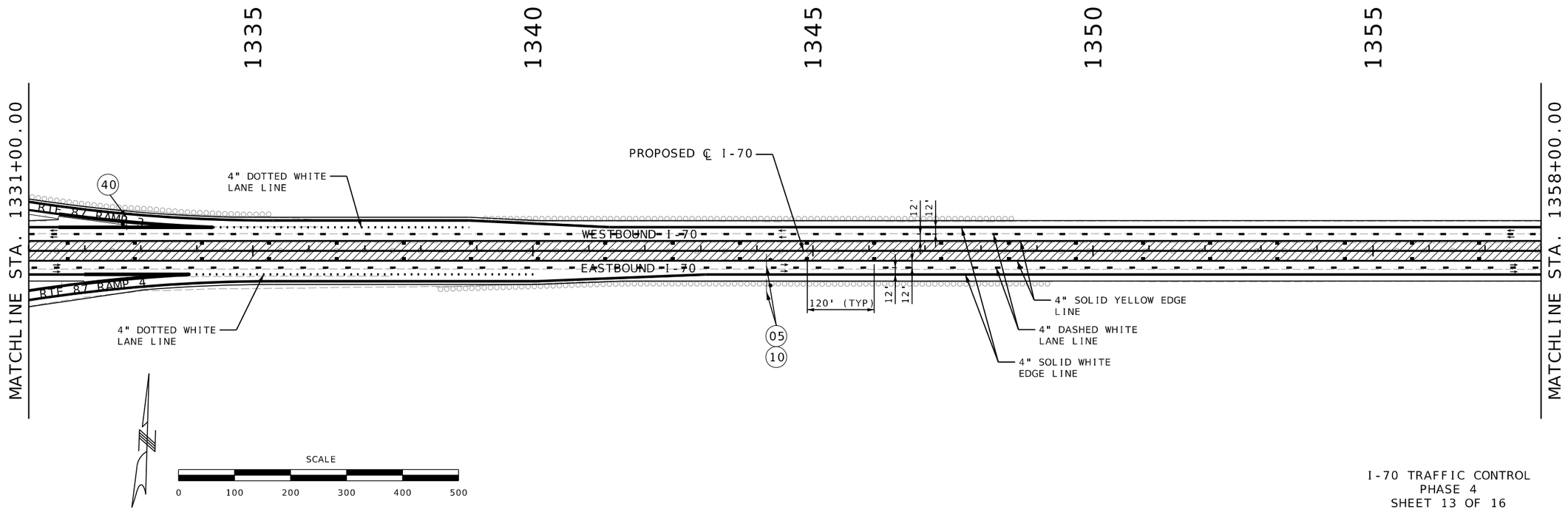
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 13 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

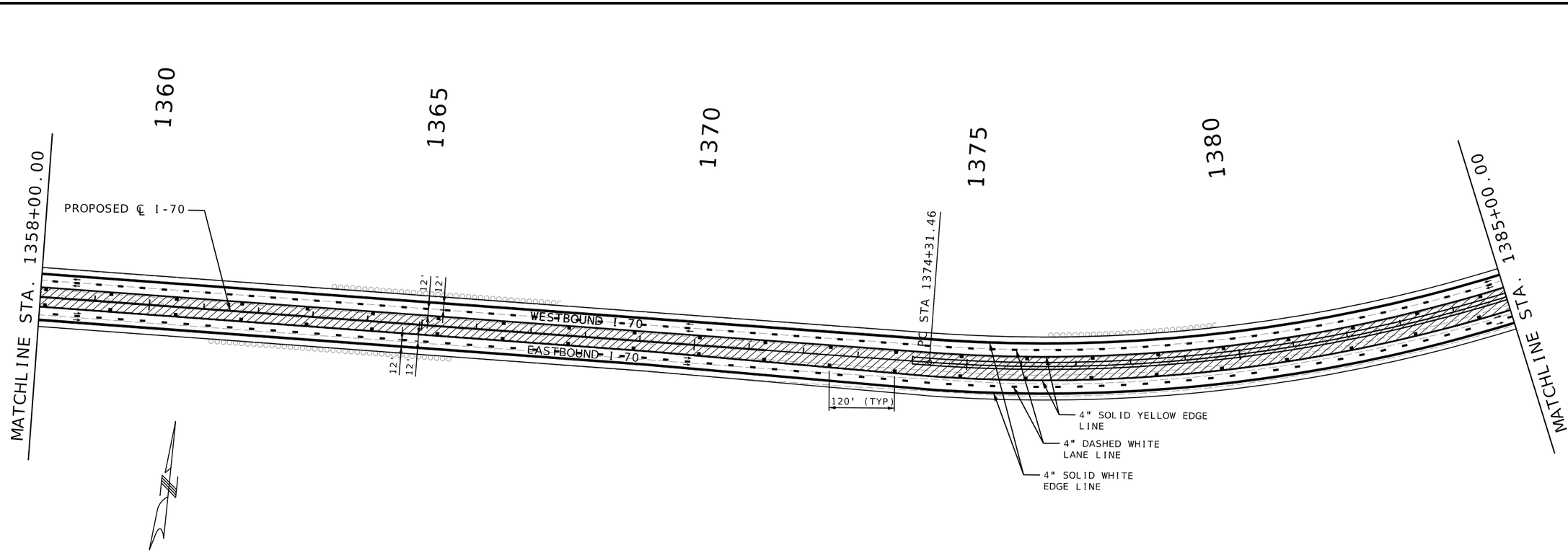
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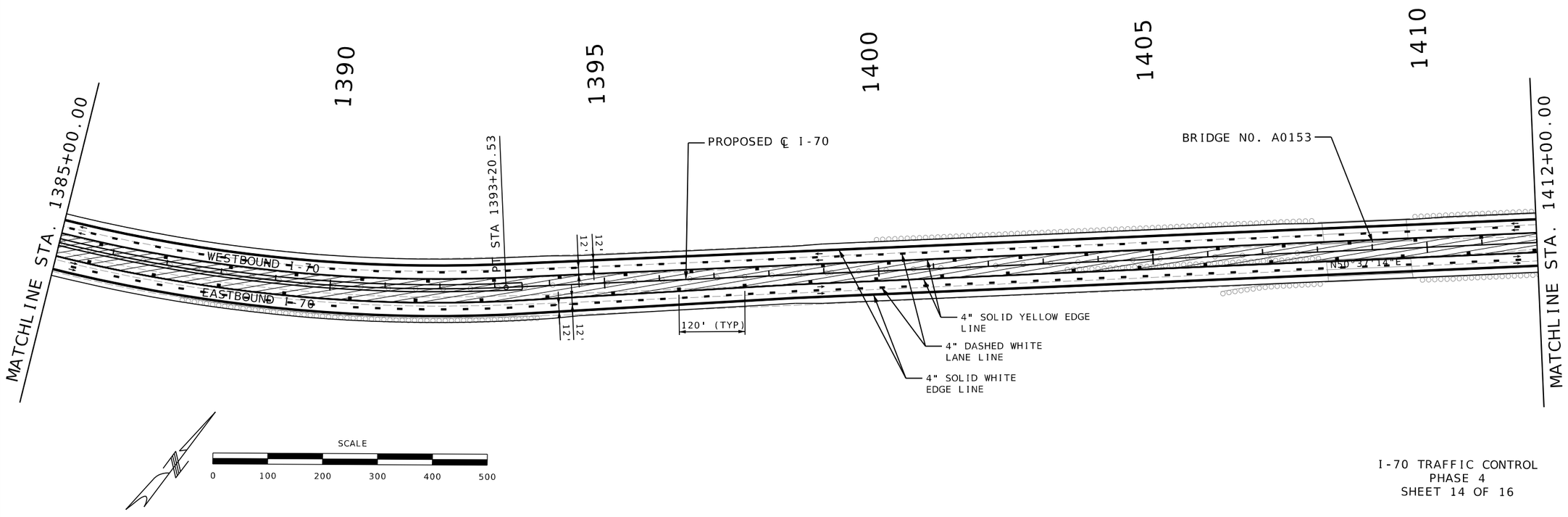
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 198 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 14 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 199 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

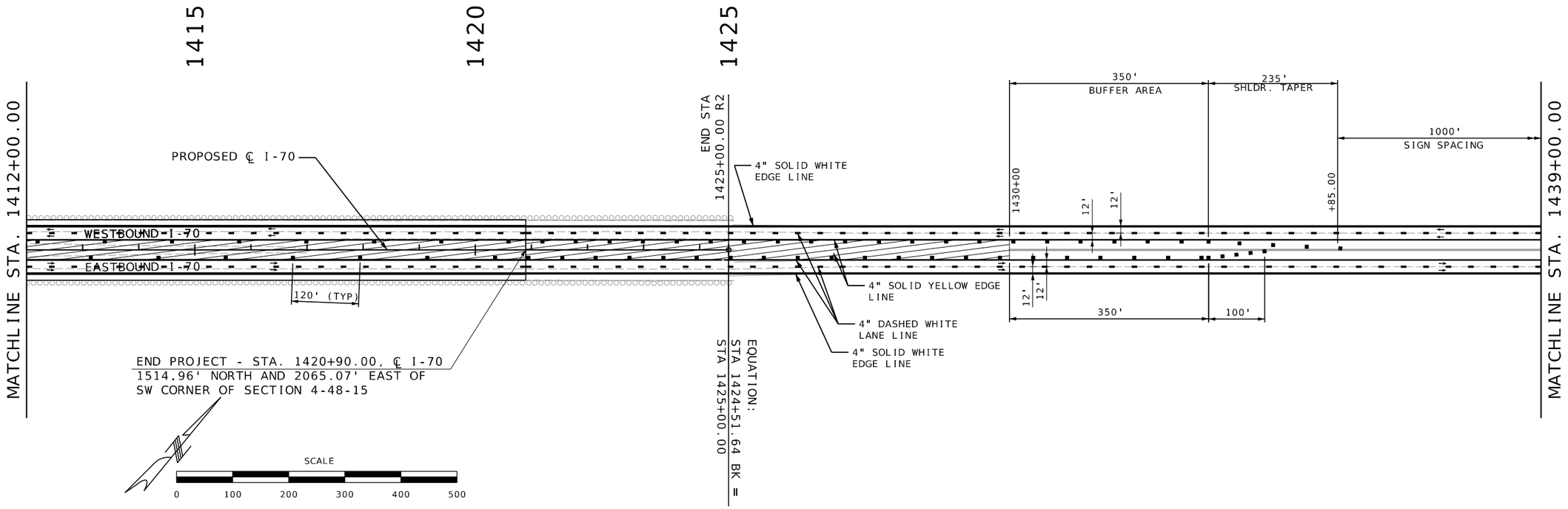
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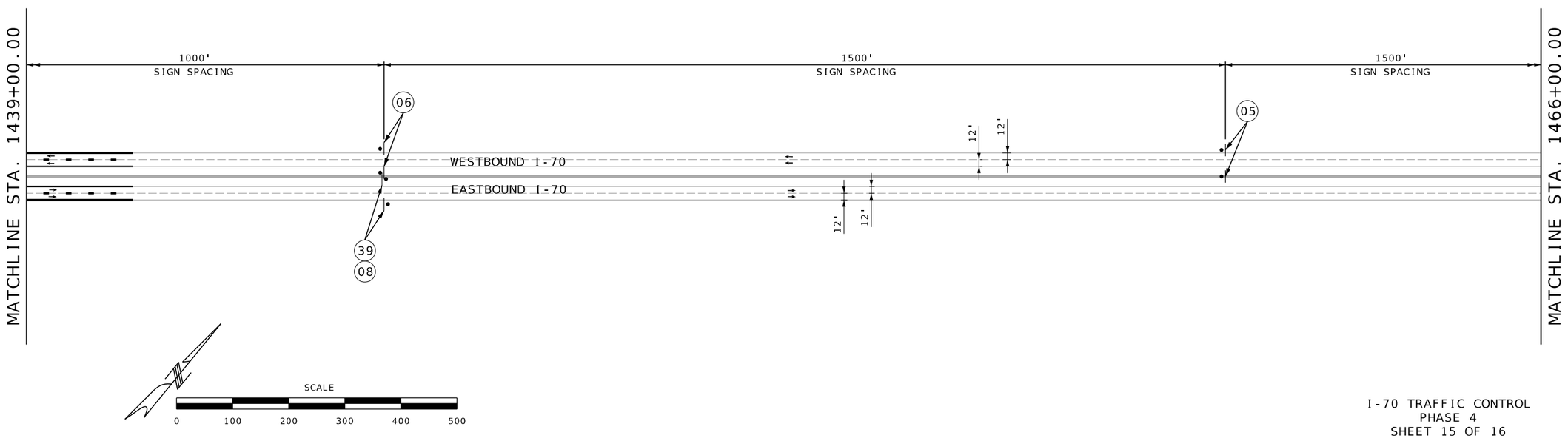
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority No.: 000165

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I-70 TRAFFIC CONTROL
PHASE 4
SHEET 15 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 200 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

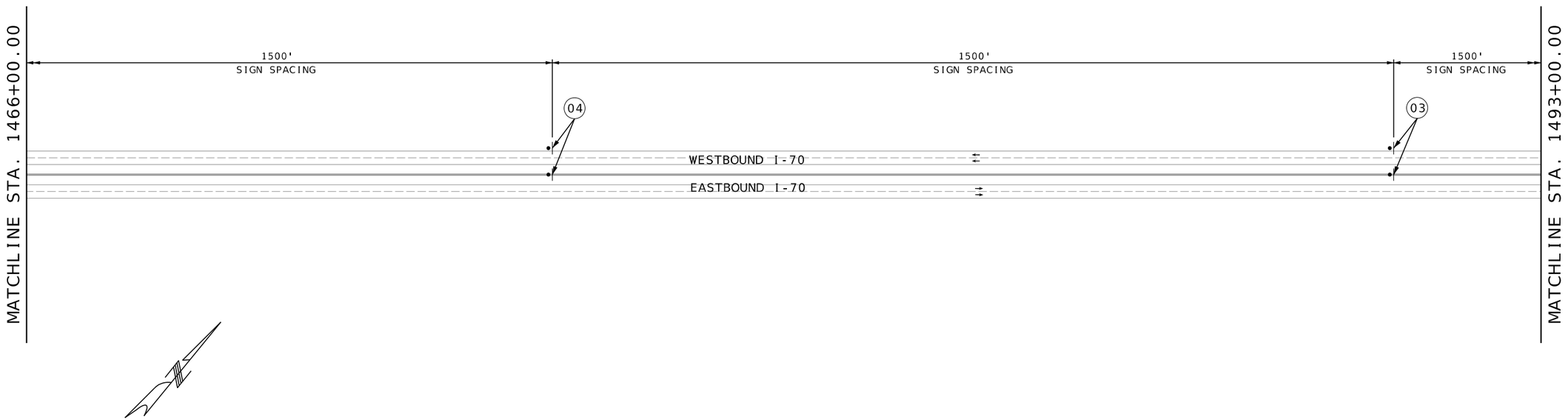
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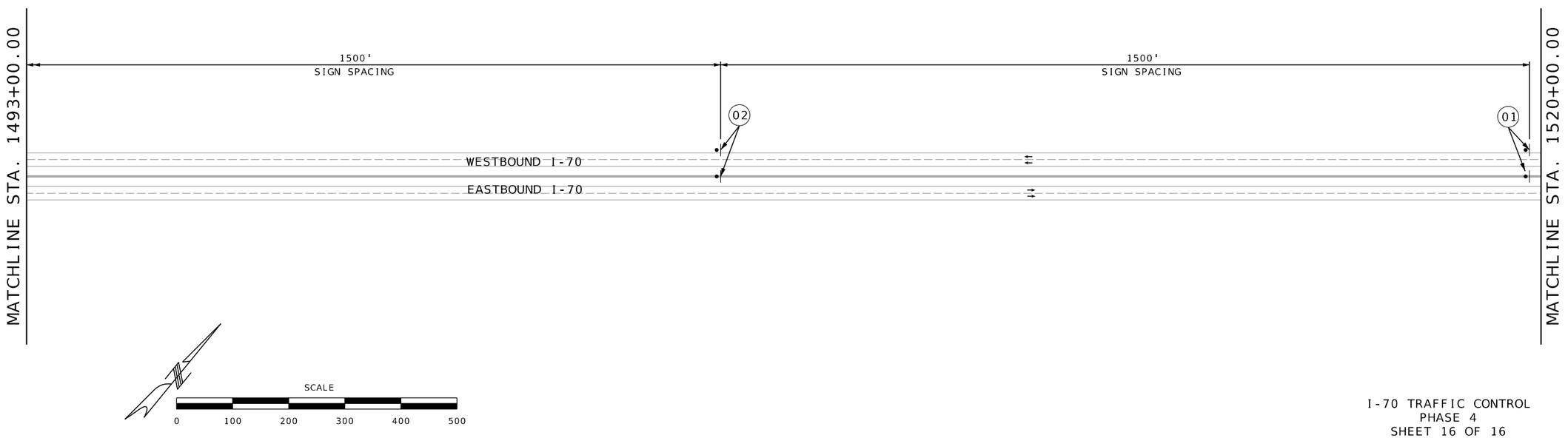
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




I-70 TRAFFIC CONTROL
PHASE 4
SHEET 16 OF 16

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 201 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

# Sign Spacing, Device Spacing and Channelizing Taper Lengths

| SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2) | | |
|---|---|---|
| SPEED MPH | UNDIVIDED HIGHWAYS | DIVIDED HIGHWAYS |
| 0-35 | 200 | 200 |
| 40-45 | 350 | 500 |
| 50-55 | 500 | 1000 |
| 60-70 | 1000 | SA-1000<br>SB-1500<br>SC-2640 |

| LONGITUDINAL BUFFER SPACE (B) | |
|---|---|
| SPEED MPH | BUFFER SPACE |
| 0-35 | 250 |
| 40-45 | 360 |
| 50-55 | 495 |
| 60-70 | 730 |

| TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES | | | | | |
|---|---|---|---|---|---|
| SPEED MPH | MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W) | | | MAXIMUM CHANNELIZER SPACING | |
| | 10 FT | 11 FT | 12 FT | THROUGH TAPER | THROUGH WORK AREA |
| 0-35 | 205 | 225 | 245 | 35 | 40 |
| 40-45 | 450 | 495 | 540 | 40 | 80 |
| 50-55 | 550 | 605 | 660 | 50 | 80 |
| 60-70 | 700 | 770 | 840 | 60 | 120 |

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

$L = \frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

## TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

### TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- DIRECTION INDICATOR BARRICADE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

TEMPORARY TRAFFIC CONTROL
TA-0
SHEET 01 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 202 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

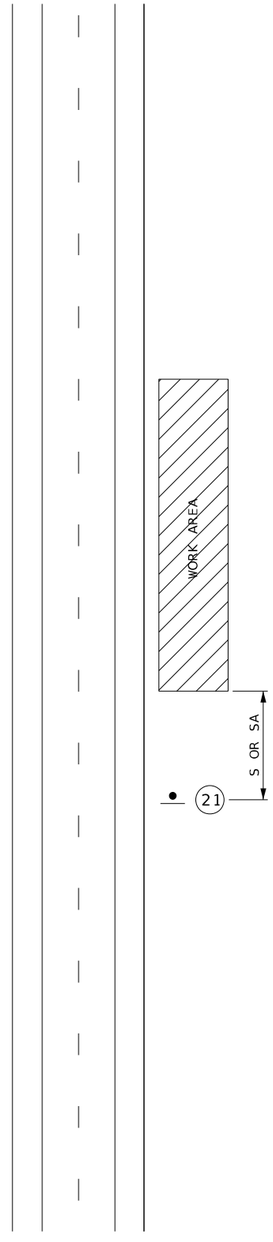
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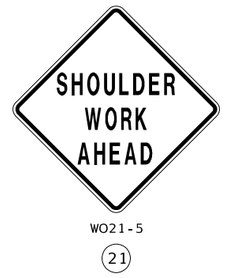
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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NOT TO SCALE




WORK BEYOND THE SHOULDER

(UNDIVIDED OR DIVIDED HIGHWAY)

TEMPORARY TRAFFIC CONTROL
TA-01
SHEET 02 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 203 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

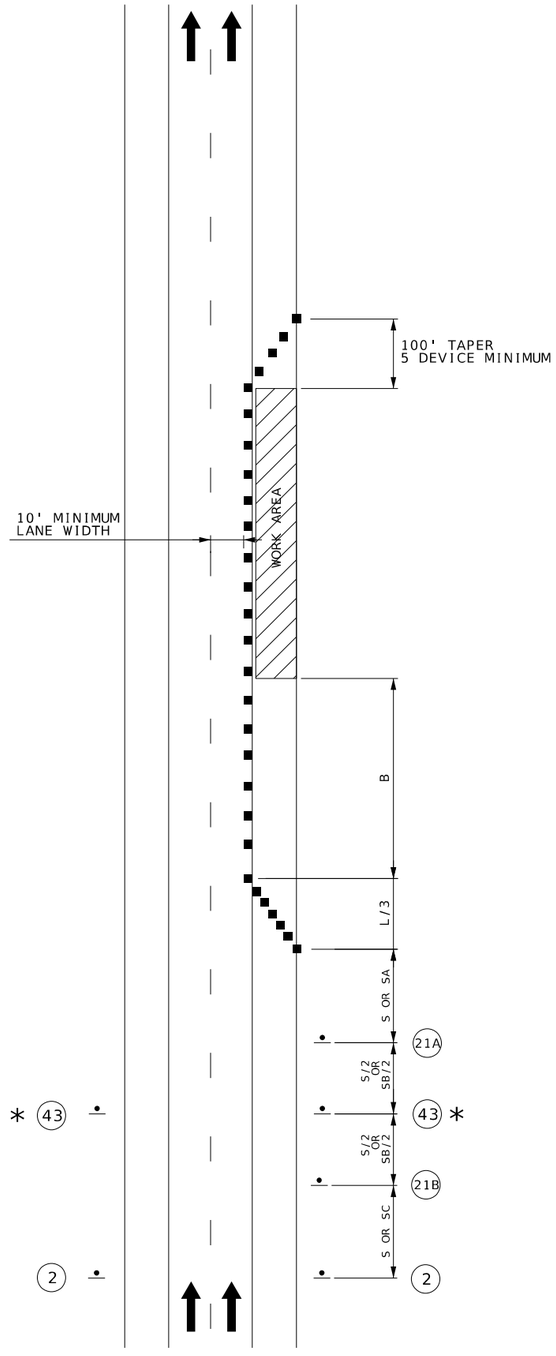
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|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority
No.: 000165

NOT TO SCALE




SHOULDER WORK

(DIVIDED HIGHWAY)




WO20-1

(2)







WO21-5bR

(21B)




WO21-5aR

(21A)







WO5-1




(PLAQUE NOT USED IF LESS THAN ONE MILE.)

WO7-3a

(43) * OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TEMPORARY TRAFFIC CONTROL
TA-03/TA-05
SHEET 03 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 204 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

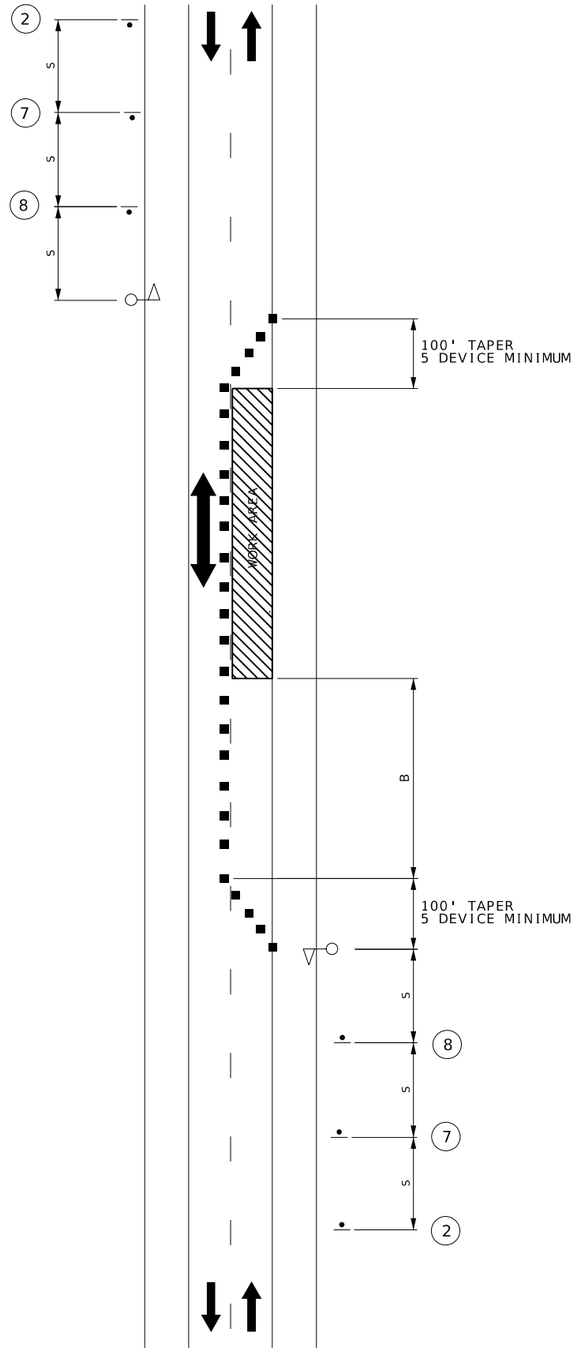
| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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Kansas City, MO 64114
(816) 333-9400
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No.: 000165

NOT TO SCALE




LANE CLOSURE
ON TWO-LANE ROAD
USING FLAGGERS




WO20-1

(2)




WO20-4

(7)



WO20-7a

(8)

TEMPORARY TRAFFIC CONTROL
TA-10
SHEET 04 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 205 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

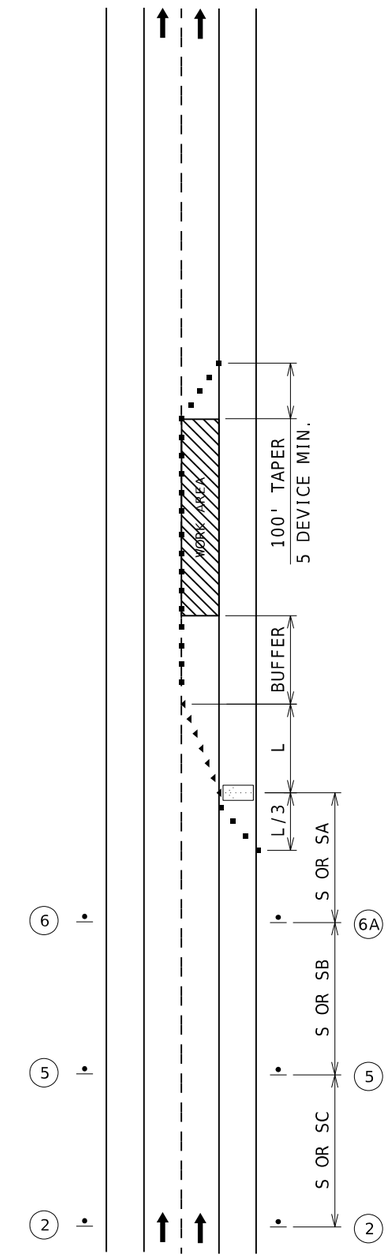
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

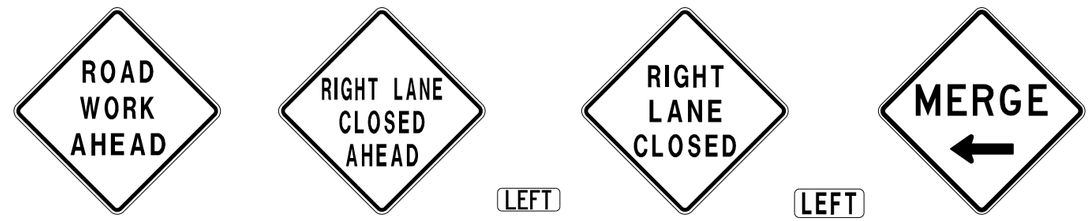
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOT TO SCALE




SINGLE LANE CLOSURE





STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 206 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

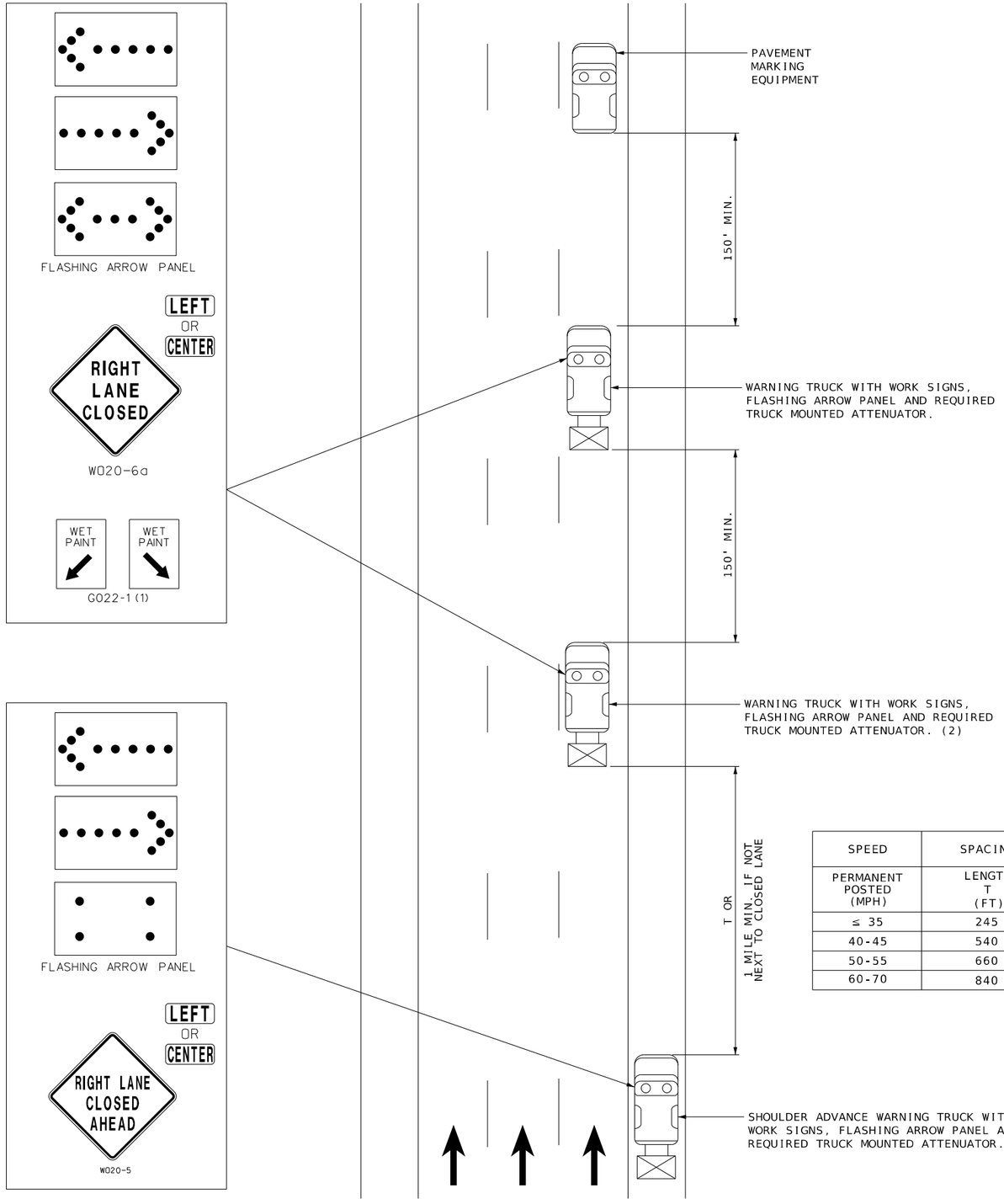
BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165


TEMPORARY TRAFFIC CONTROL
TA-33
SHEET 05 OF 10




| SPEED | SPACING |
|---|---|
| PERMANENT POSTED (MPH) | LENGTH T (FT) |
| ≤ 35 | 245 |
| 40-45 | 540 |
| 50-55 | 660 |
| 60-70 | 840 |

STRIPING ON MULTI-LANE HIGHWAY

NOT TO SCALE

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

TEMPORARY TRAFFIC CONTROL
TA-35 STRIPING
SHEET 06 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 207 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

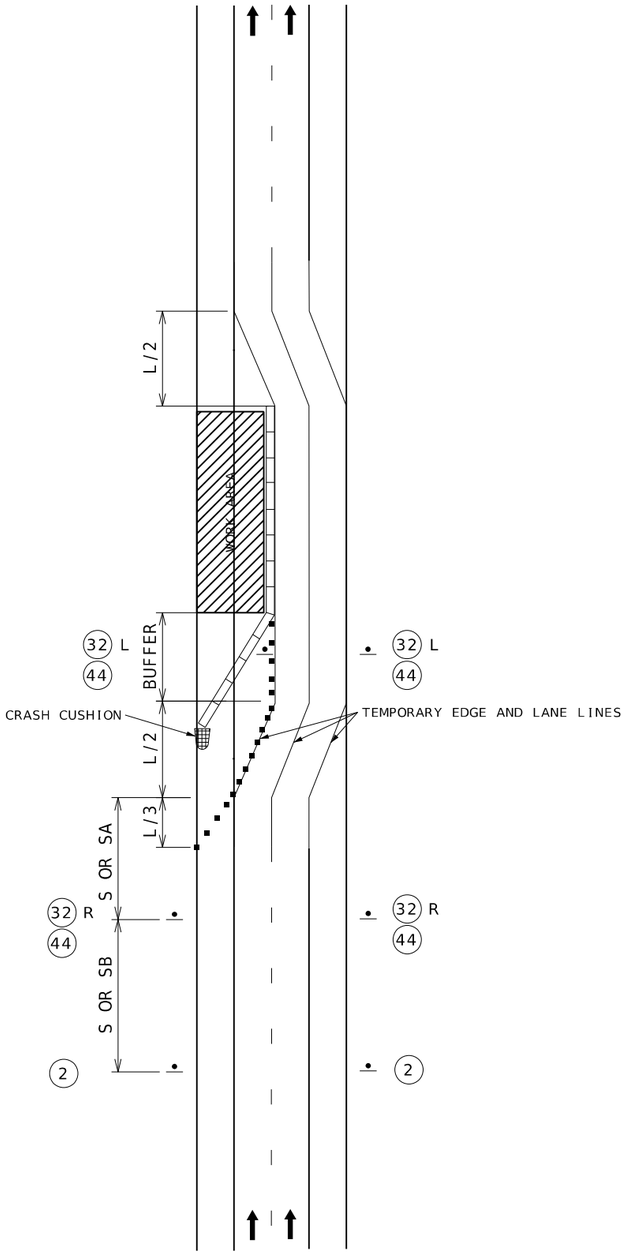
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

NOT TO SCALE



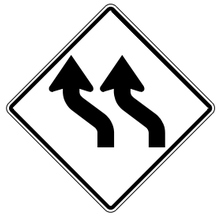

LANE SHIFT
ON A FREEWAY




WO20-1
(2)



WO1-4bR
(32) R



WO1-4bL
(32) L




WO13-1
(44)

TEMPORARY TRAFFIC CONTROL
TA-36
SHEET 07 OF 10


STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 208 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

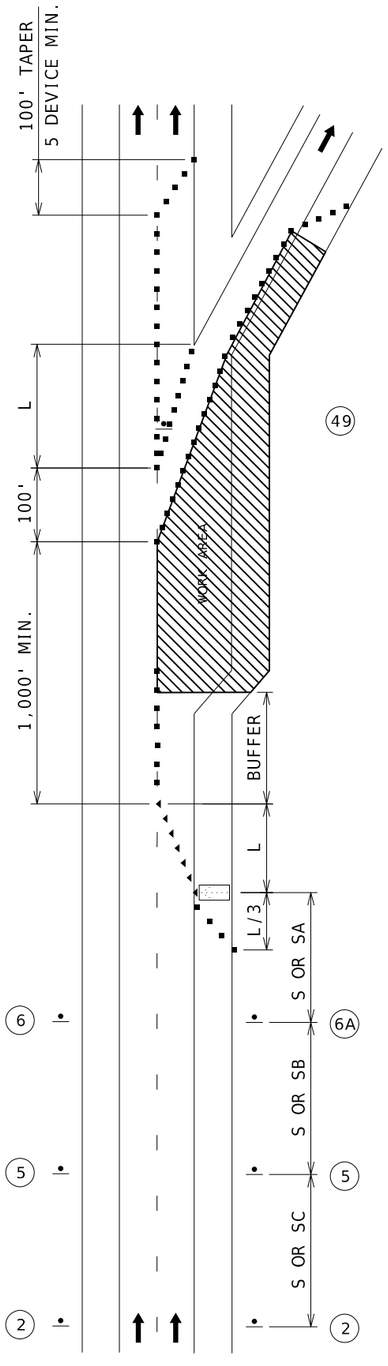
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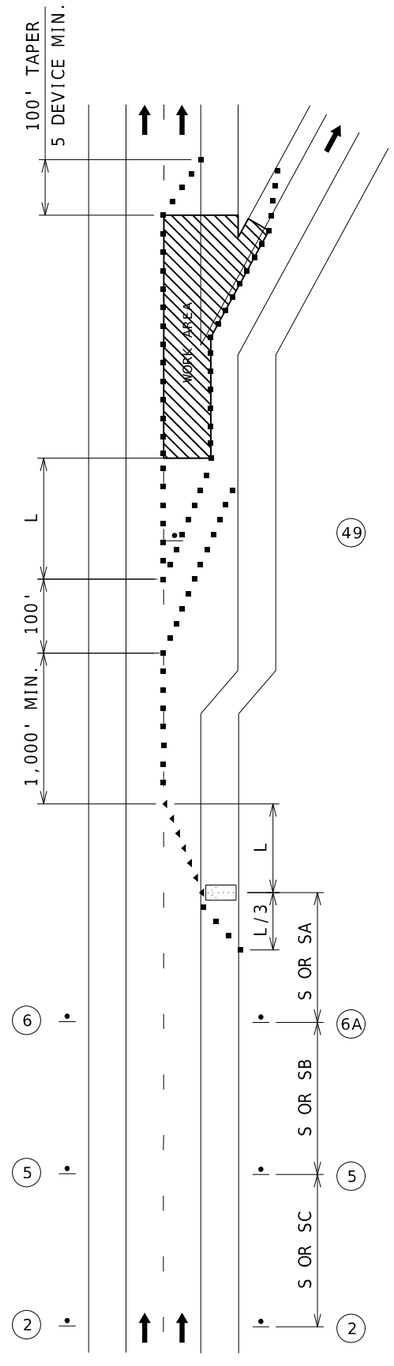
| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

NOT TO SCALE




WORK IN THE VICINITY
OF AN EXIT RAMP




WO20-1

(2)




WO20-5

(5)




WO20-6a

(6)




WO4-1aL

(6A)




E05-1

(49)

TEMPORARY TRAFFIC CONTROL
TA-42
SHEET 08 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 209 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION

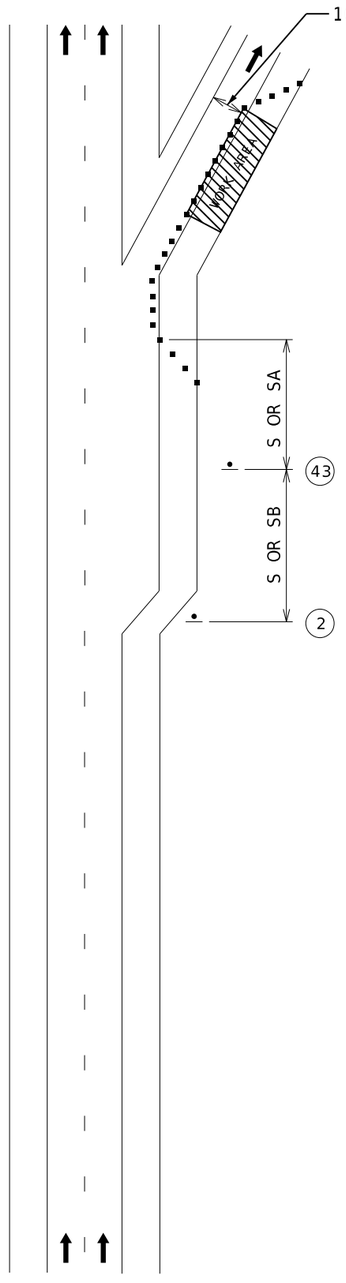
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

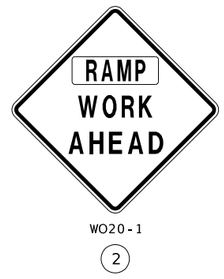
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

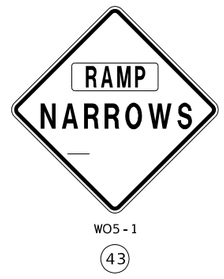
NOT TO SCALE




PARTIAL RAMP CLOSURE




WO20-1
2




WO5-1
43

TEMPORARY TRAFFIC CONTROL
TA-43
SHEET 09 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 210 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

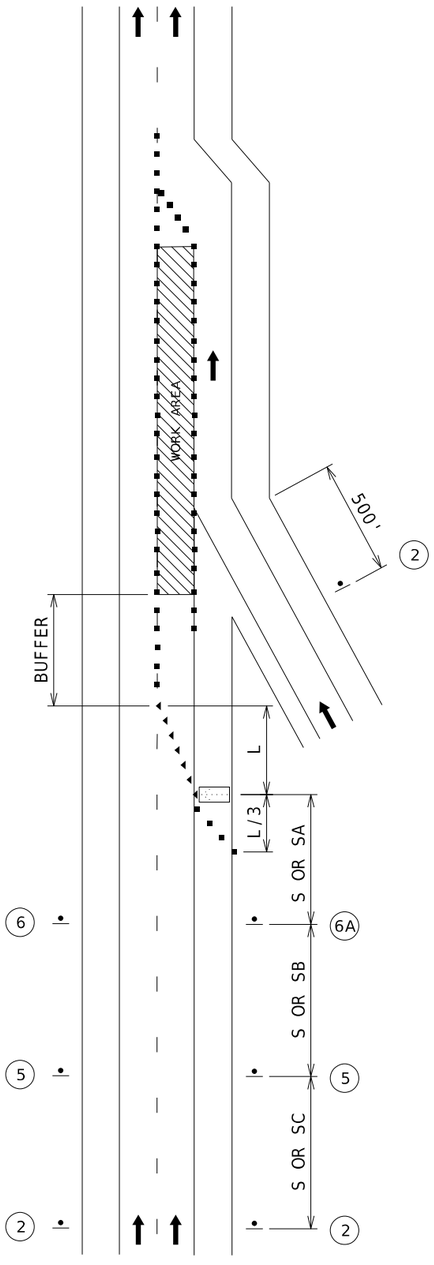
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

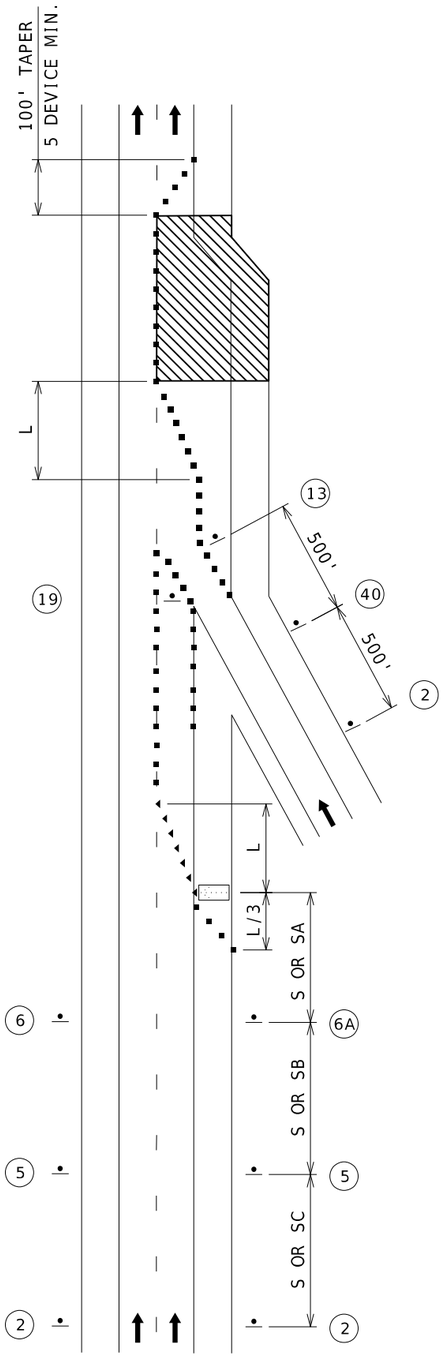
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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NOT TO SCALE




WORK IN THE VICINITY
OF AN ENTRANCE RAMP




WO20-1
(2)




WO20-5
(5)



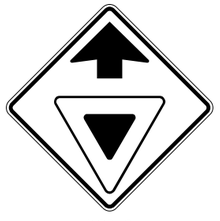

WO20-6a
(6)




WO4-1aL
(6A)



WO4-1R
(19)



WO3-2
(40)




R1-2
(13)

TEMPORARY TRAFFIC CONTROL
TA-44
SHEET 10 OF 10

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 211 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

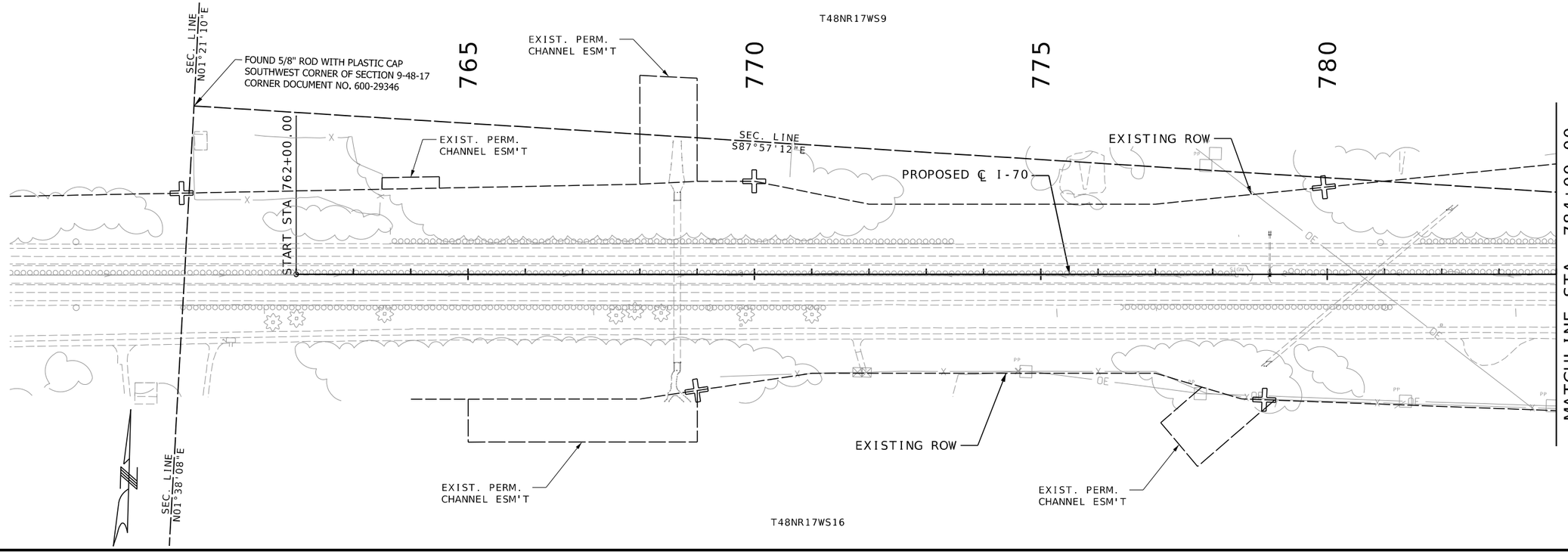
BRIDGE NO.
-

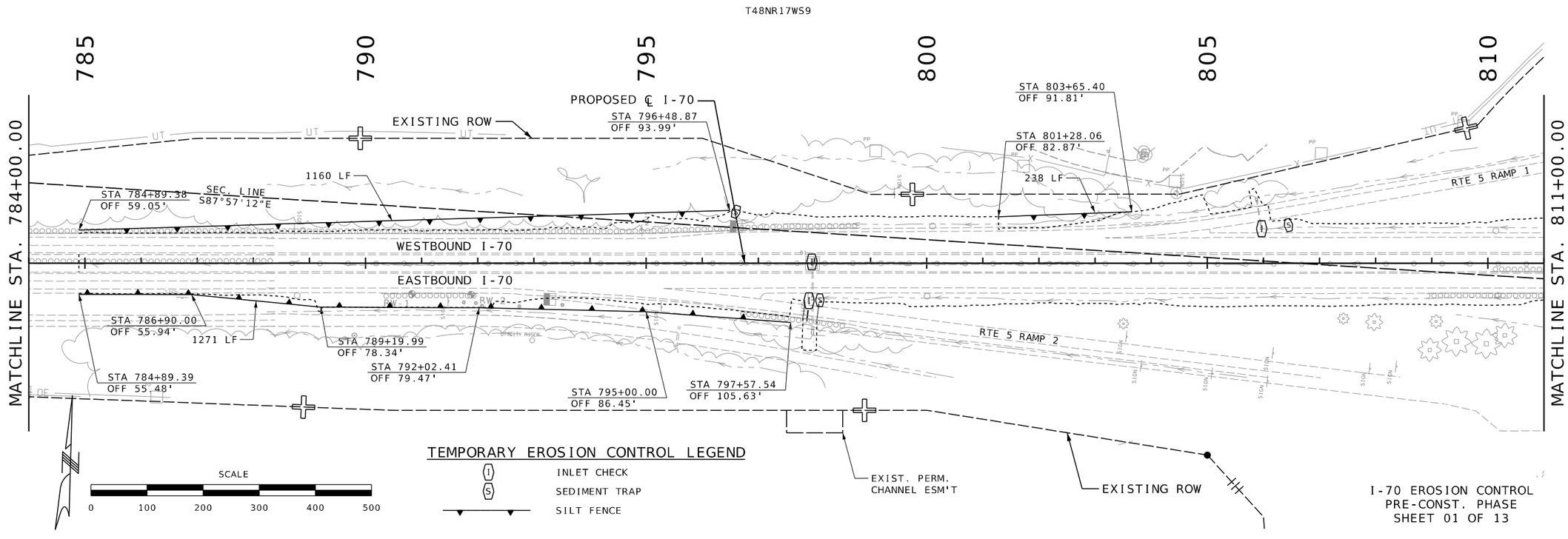
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

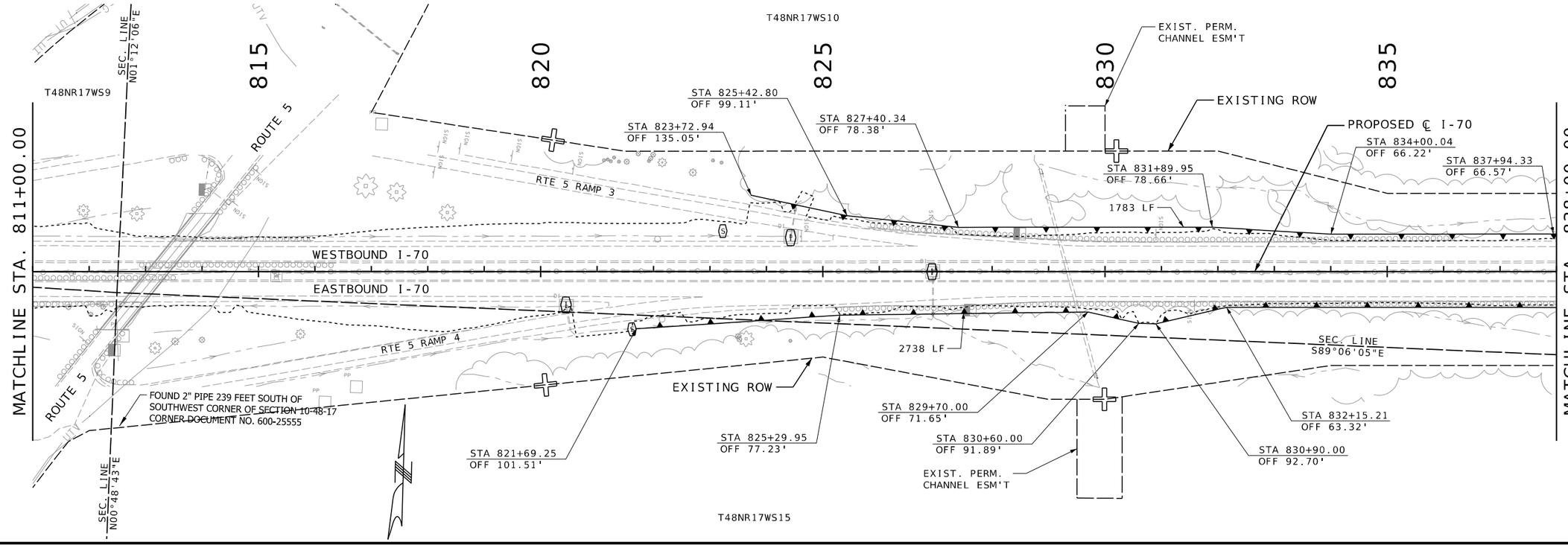
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 212 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

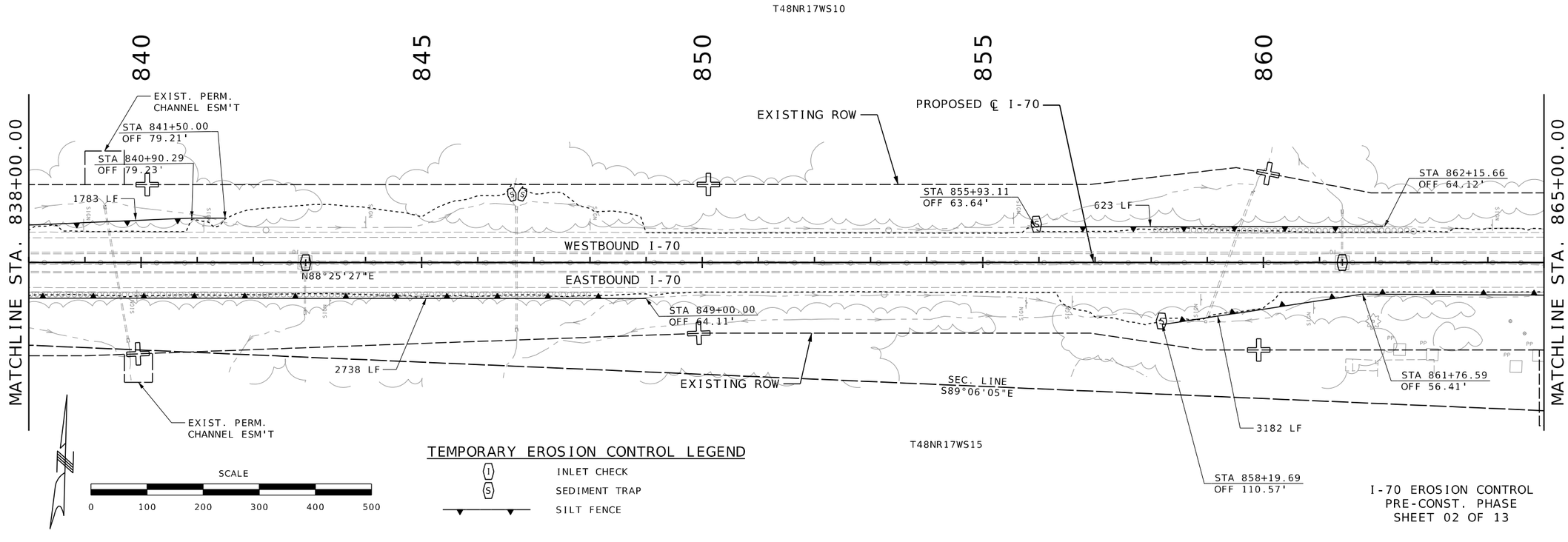
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165


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I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 02 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

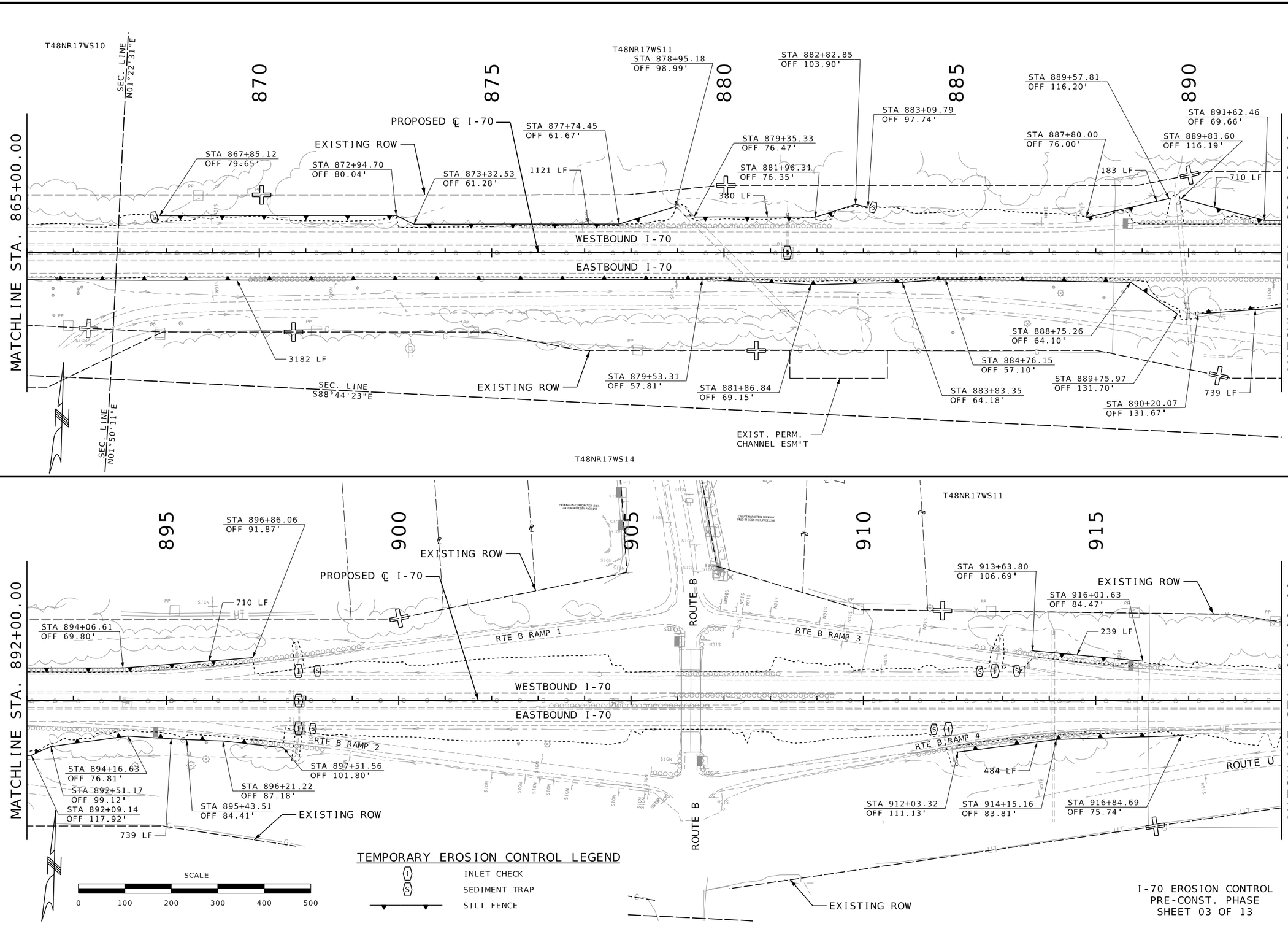
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 213 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 214 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

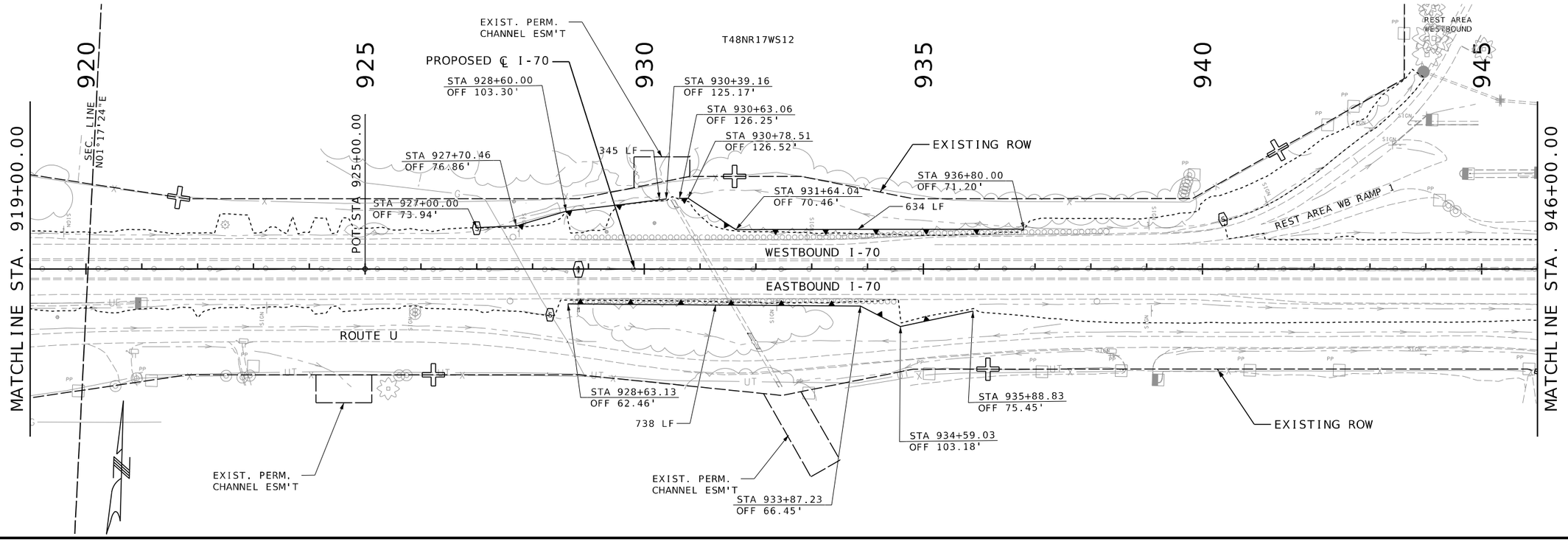
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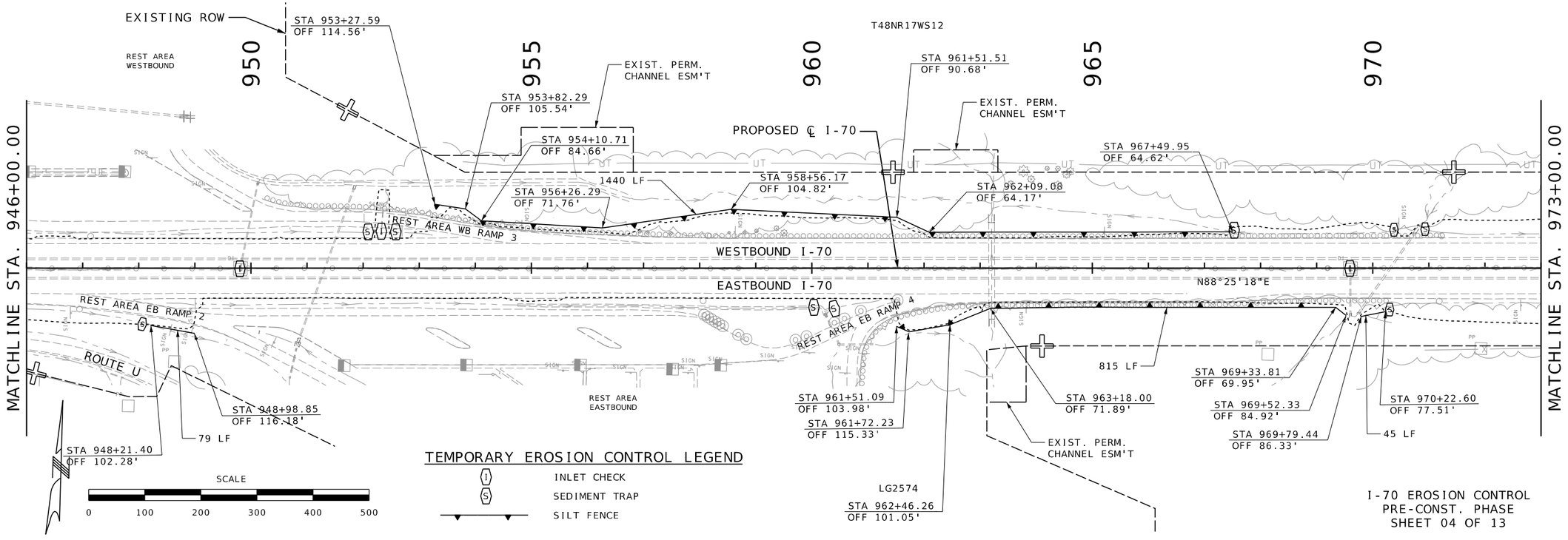
| DATE | DESCRIPTION |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 04 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 215 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

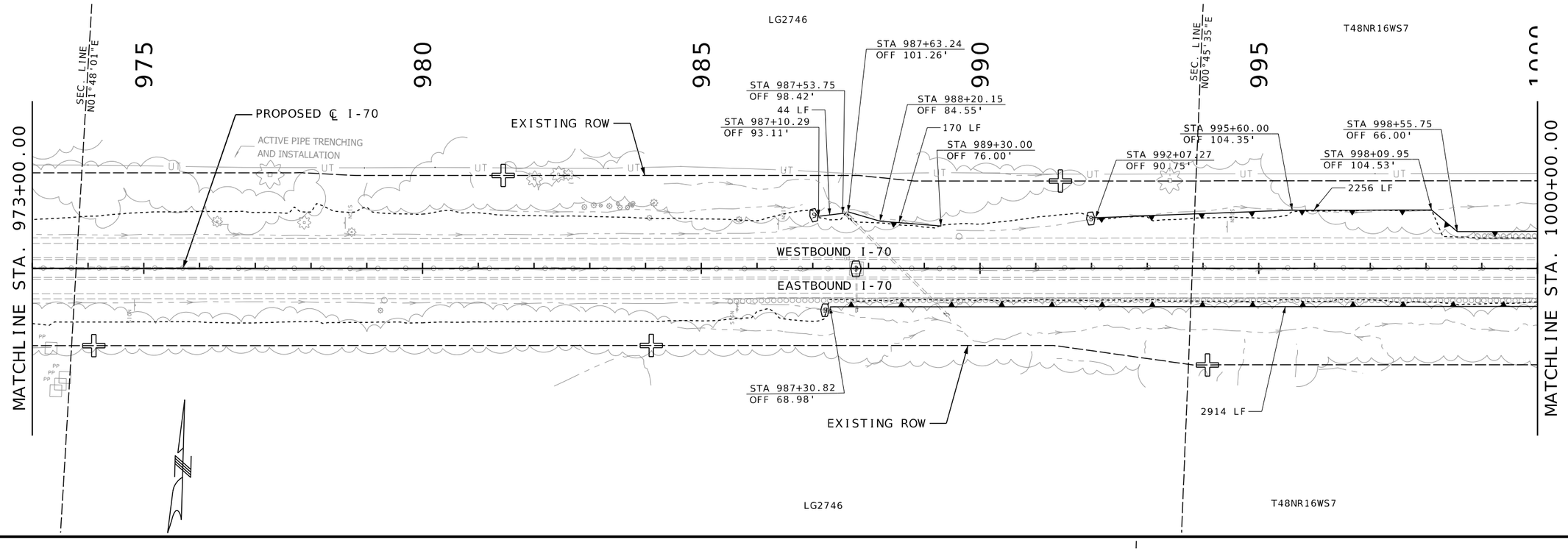
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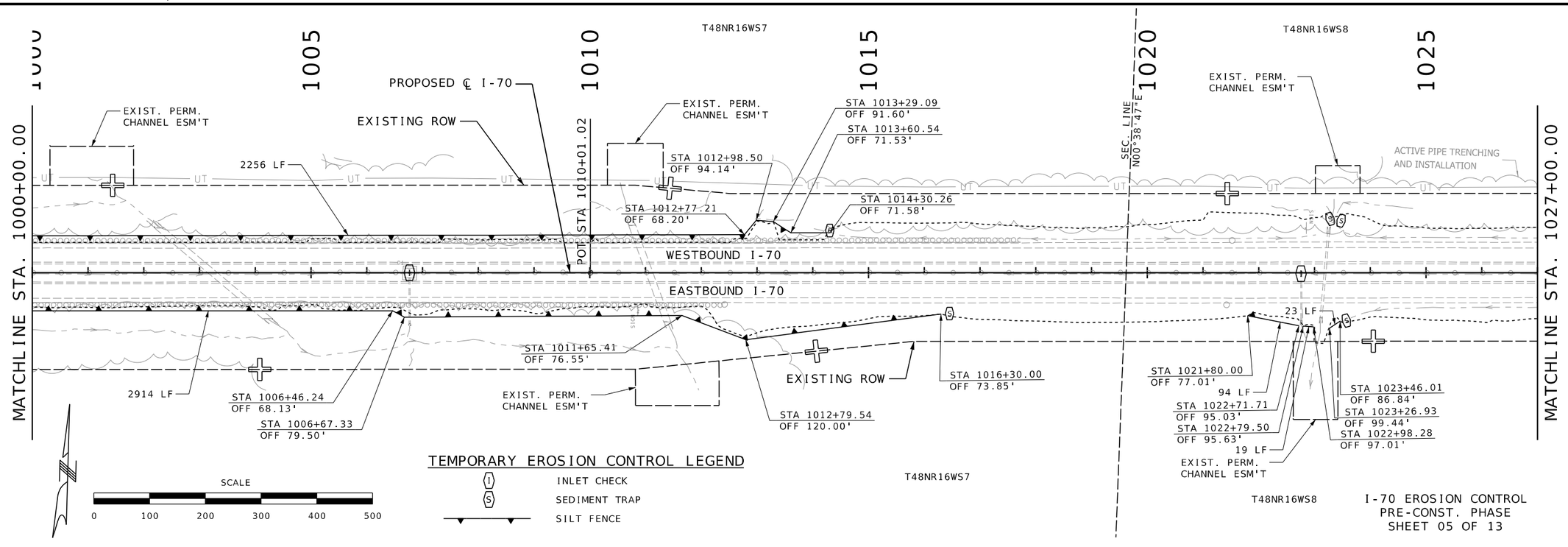
| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 05 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

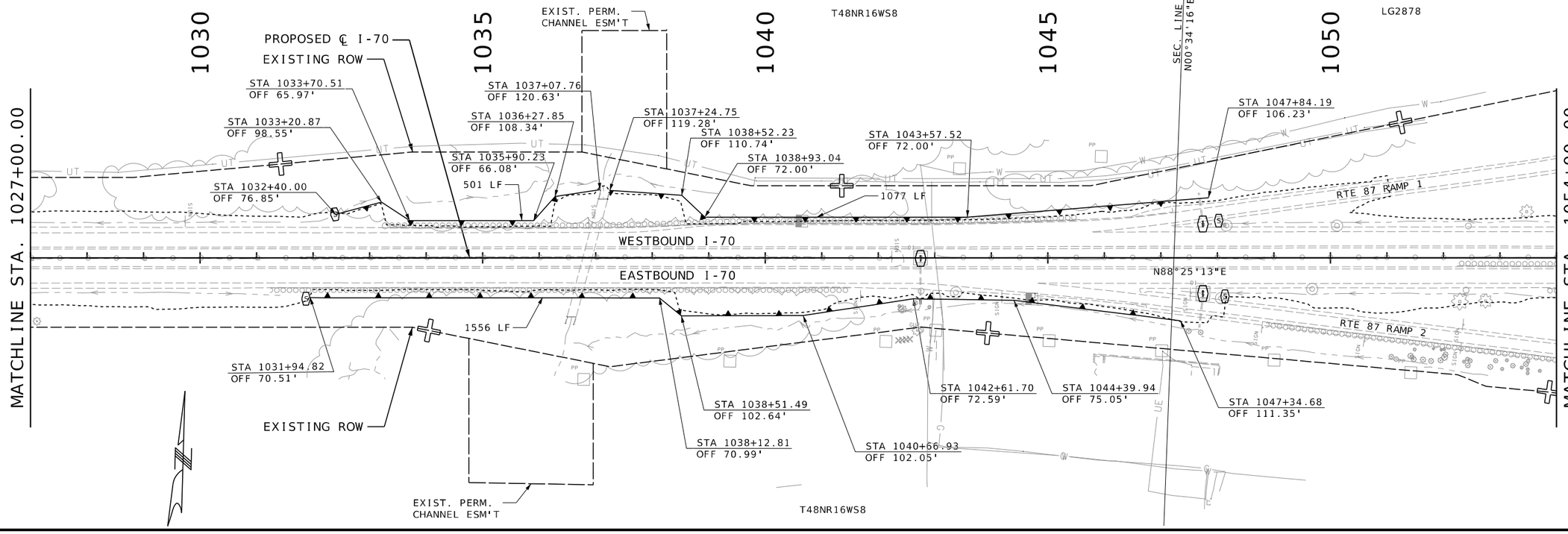
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| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 216 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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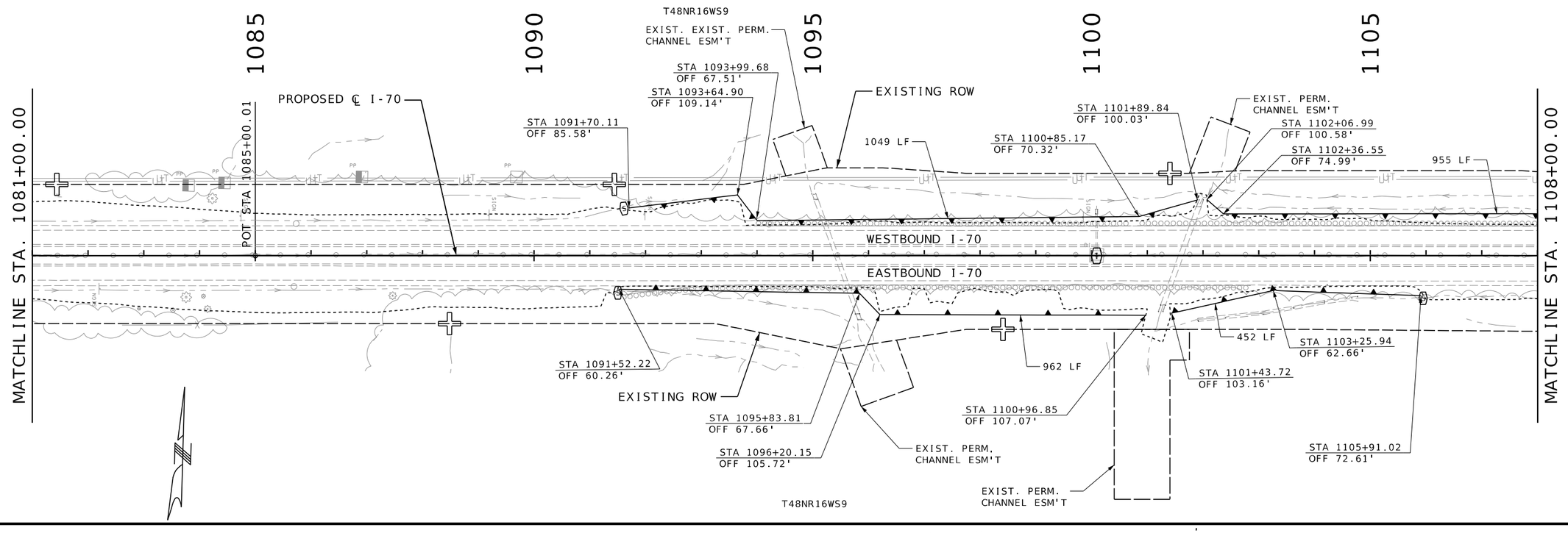
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| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 217 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

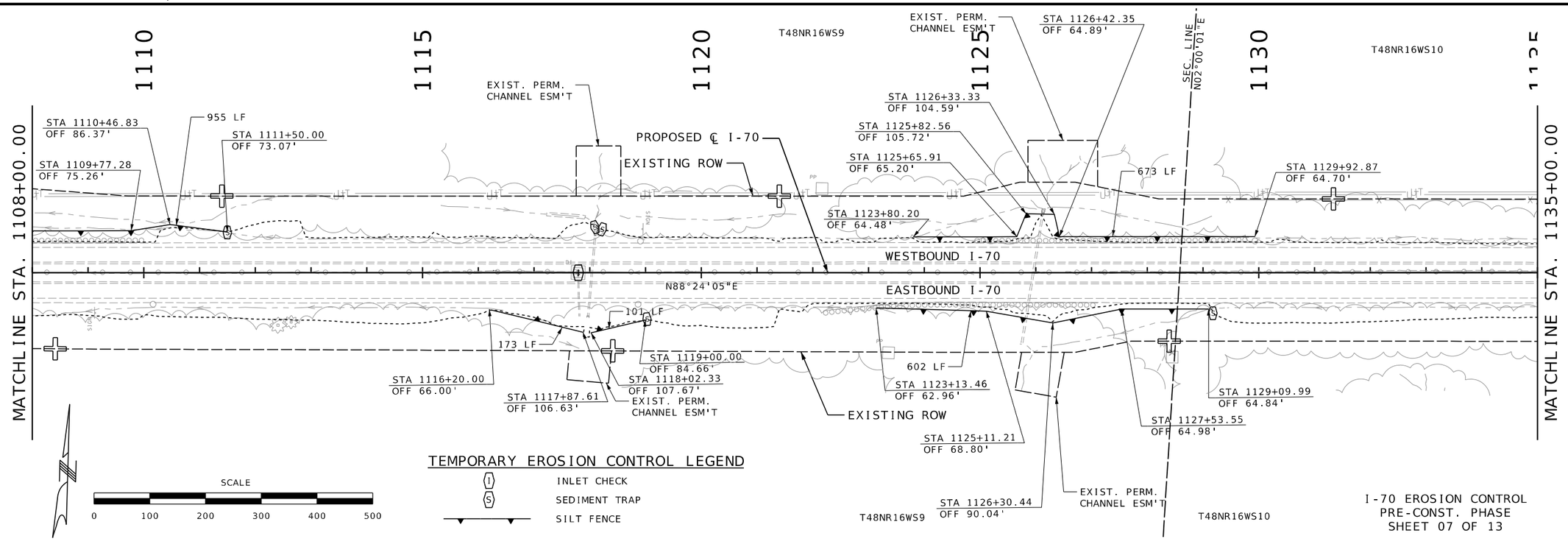
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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Certificate of Authority No.: 000165

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SCALE
0 100 200 300 400 500

TEMPORARY EROSION CONTROL LEGEND
- I — INLET CHECK
- S — SEDIMENT TRAP
- SILT FENCE

I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 07 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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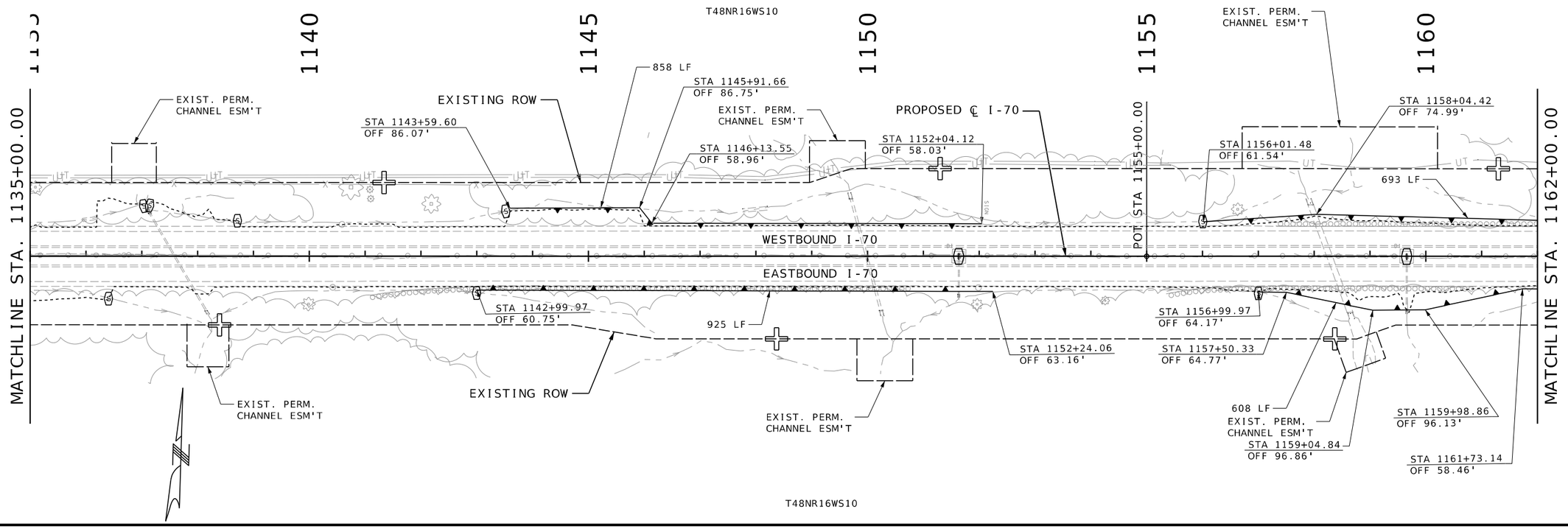
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ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 218
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

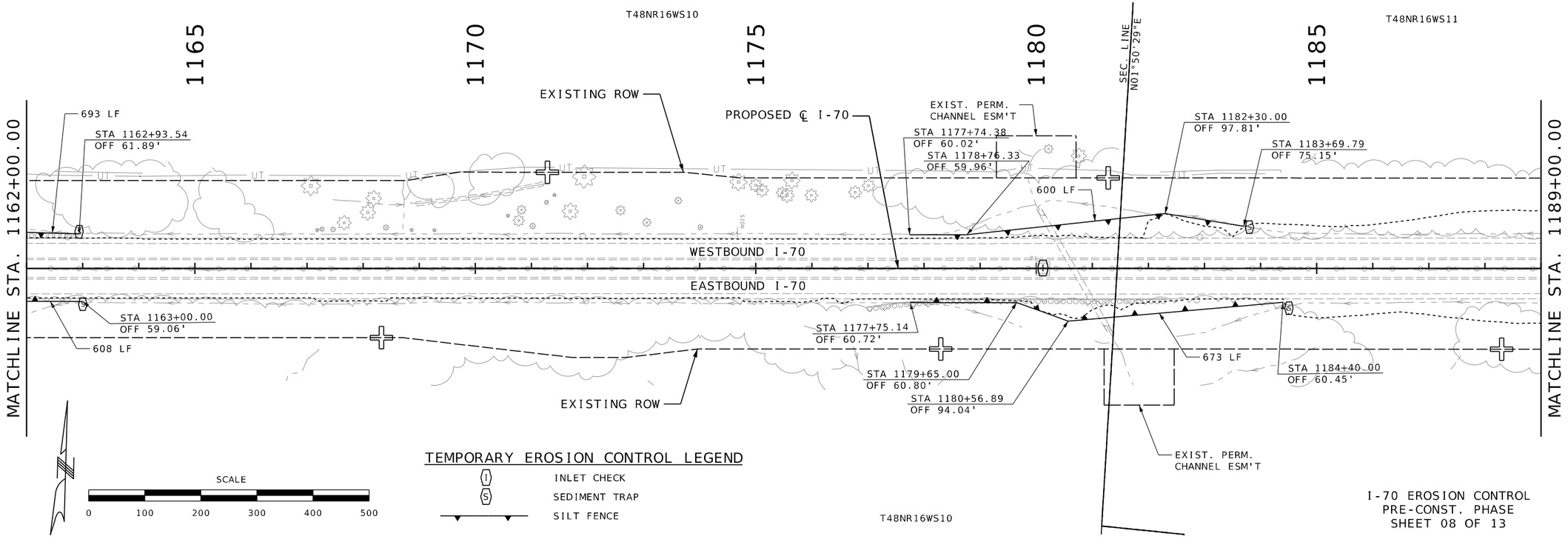
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 08 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

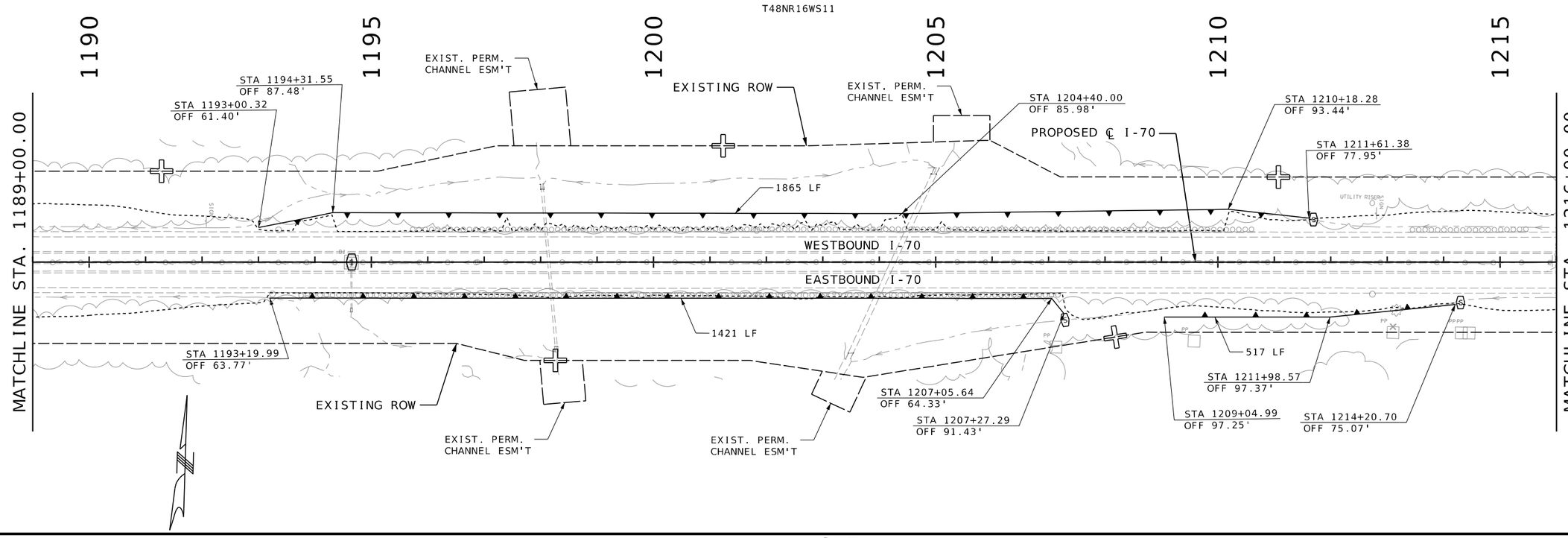
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| DATE PREPARED | 10/27/2025 |
| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
| SHEET NO. | 219 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 220 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
-

BRIDGE NO.
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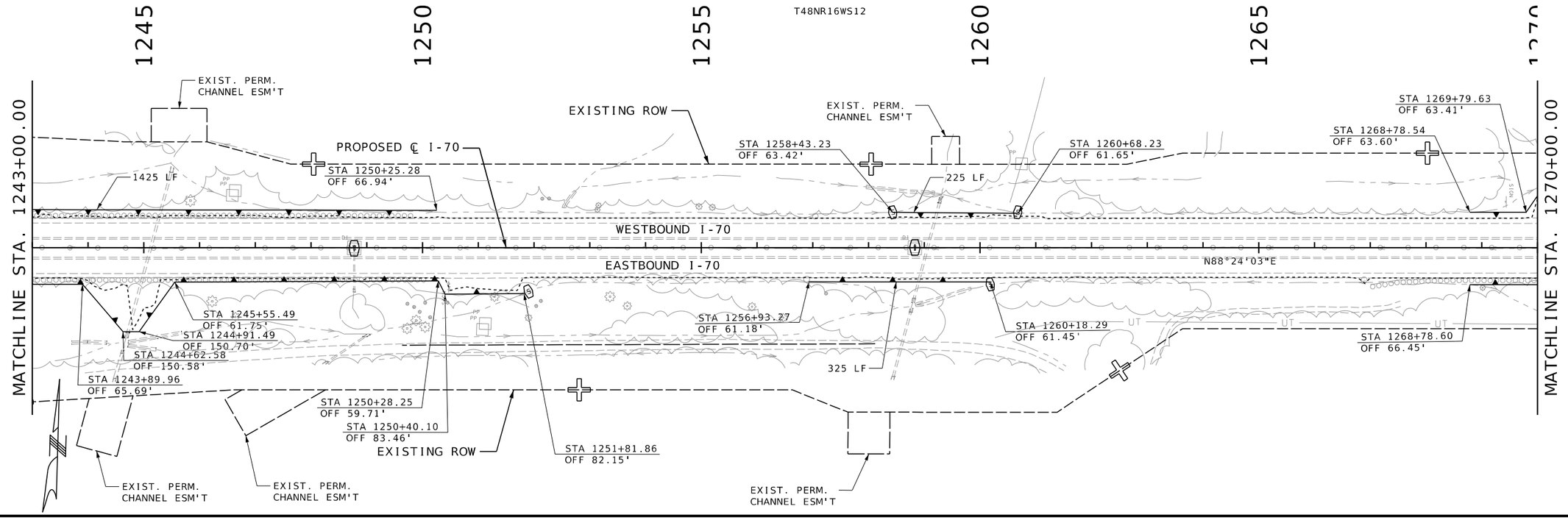
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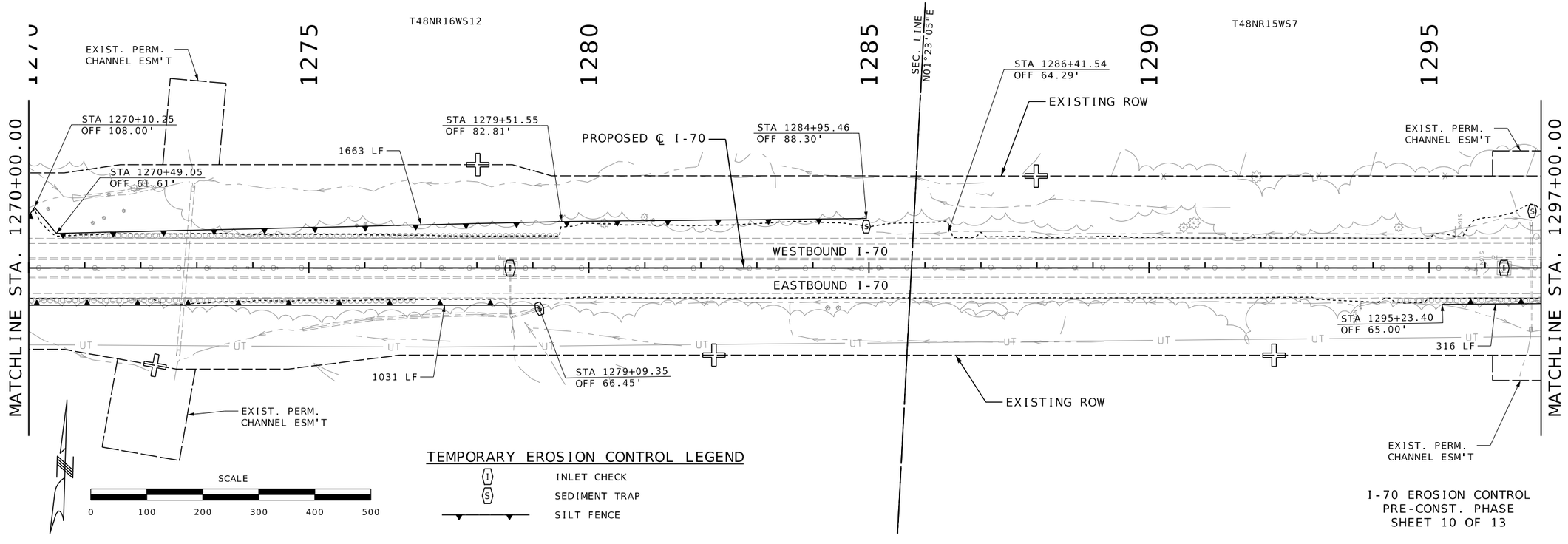
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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## TEMPORARY EROSION CONTROL LEGEND

- I — INLET CHECK
- S — SEDIMENT TRAP
- SILT FENCE

I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 10 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

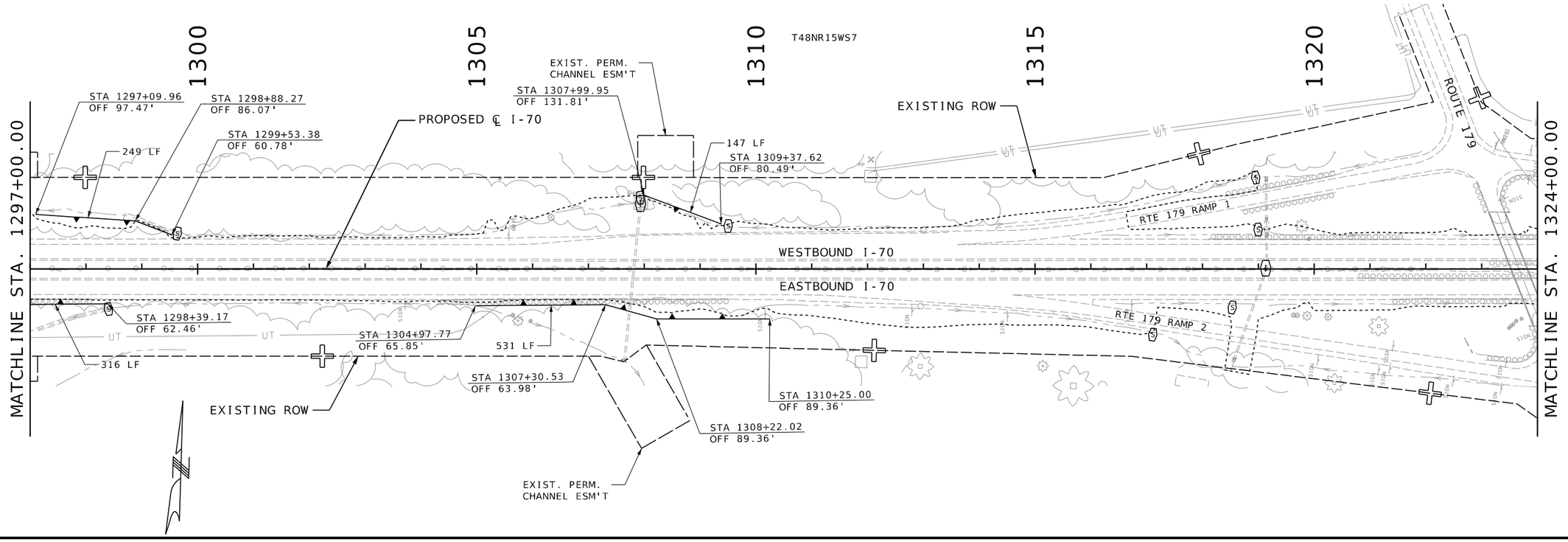
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| ROUTE | I-70 |
| STATE | MO |
| DISTRICT | CD |
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| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 222 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION

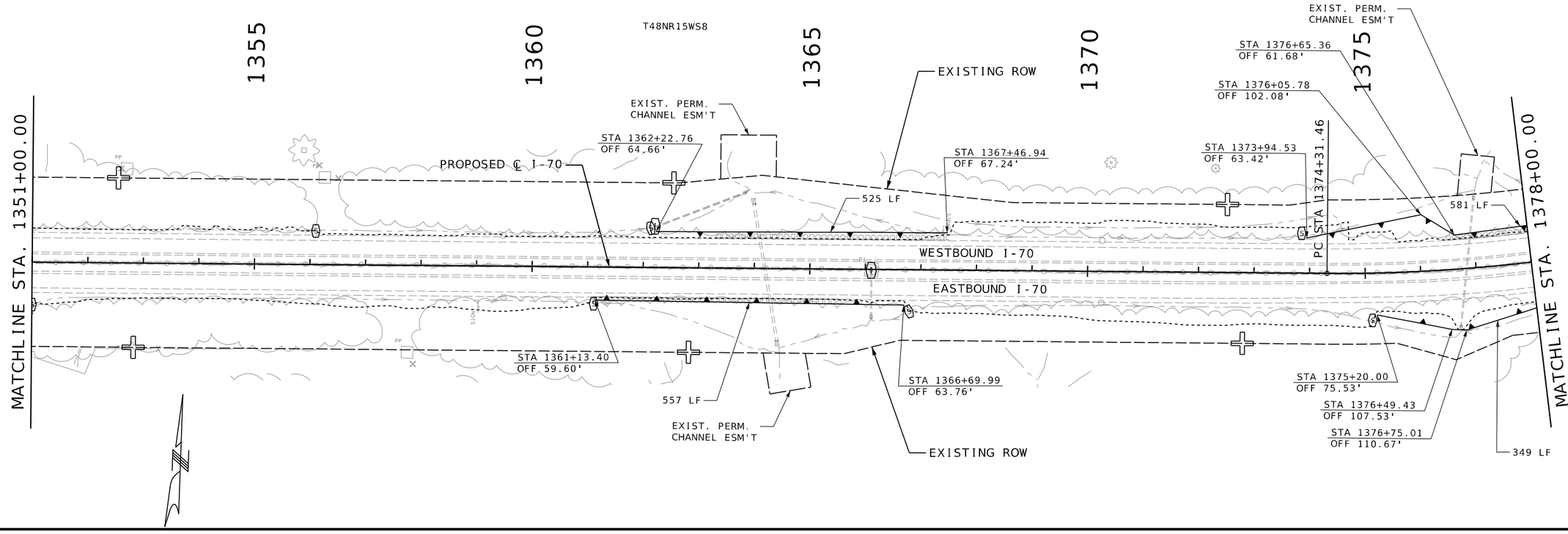
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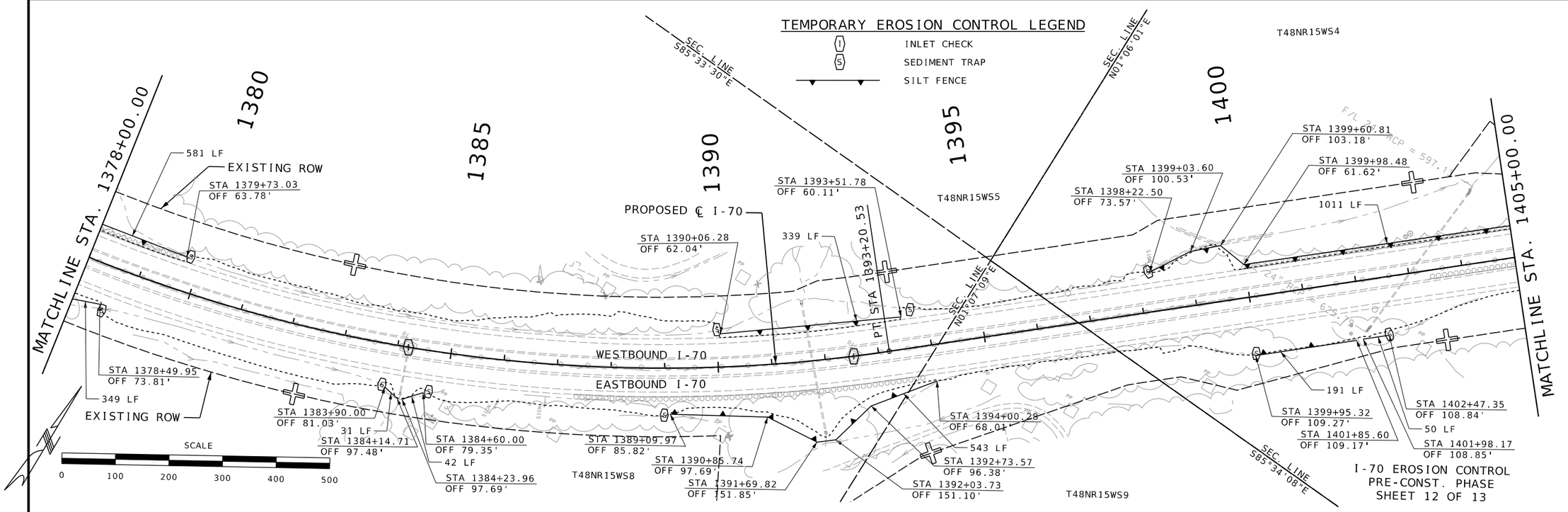
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165


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I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 12 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 223 |

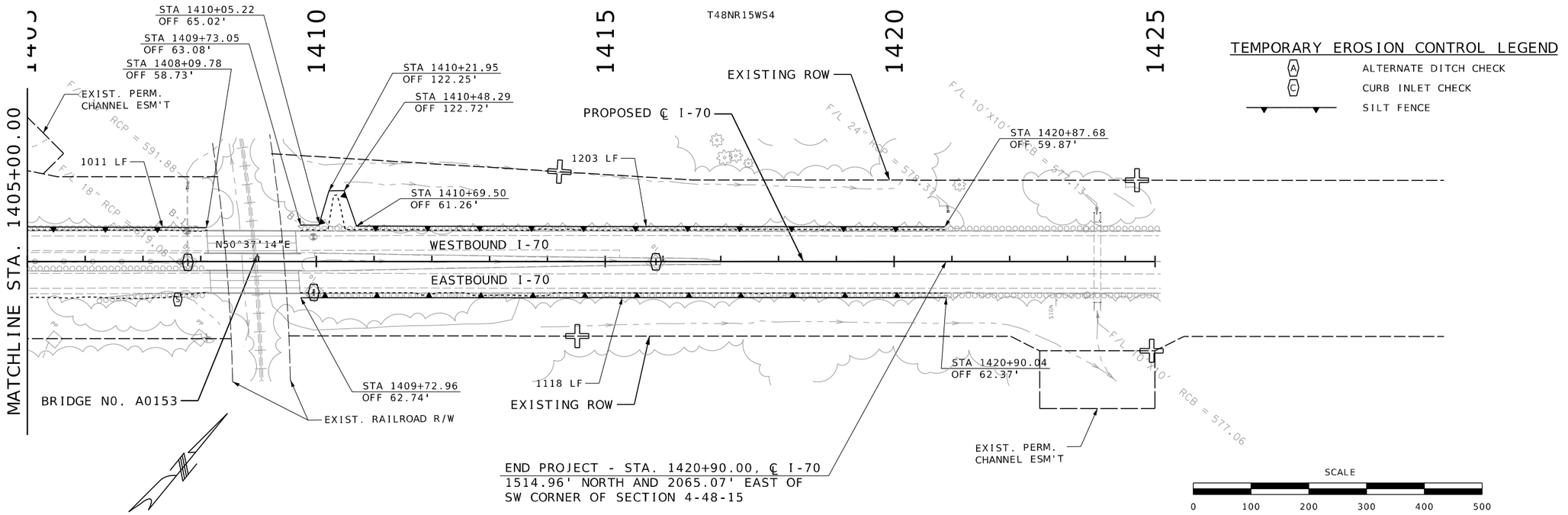
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 EROSION CONTROL
PRE-CONST. PHASE
SHEET 13 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 224 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

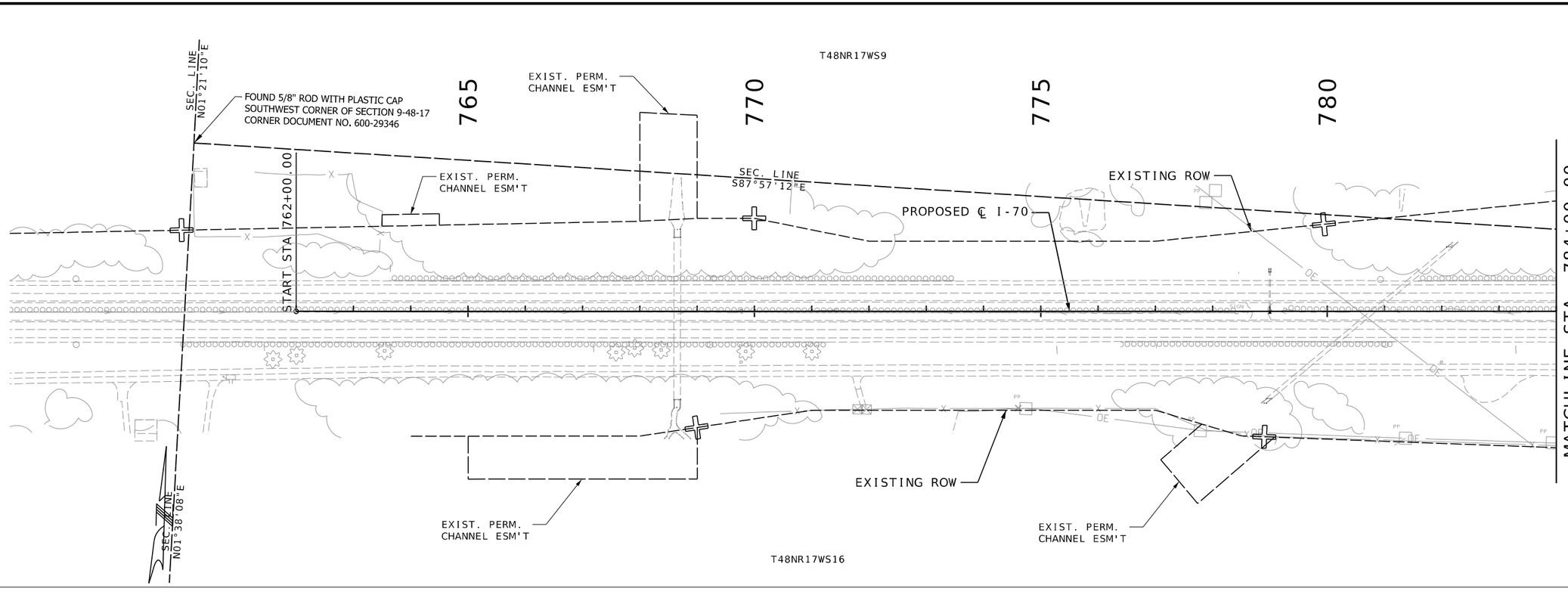
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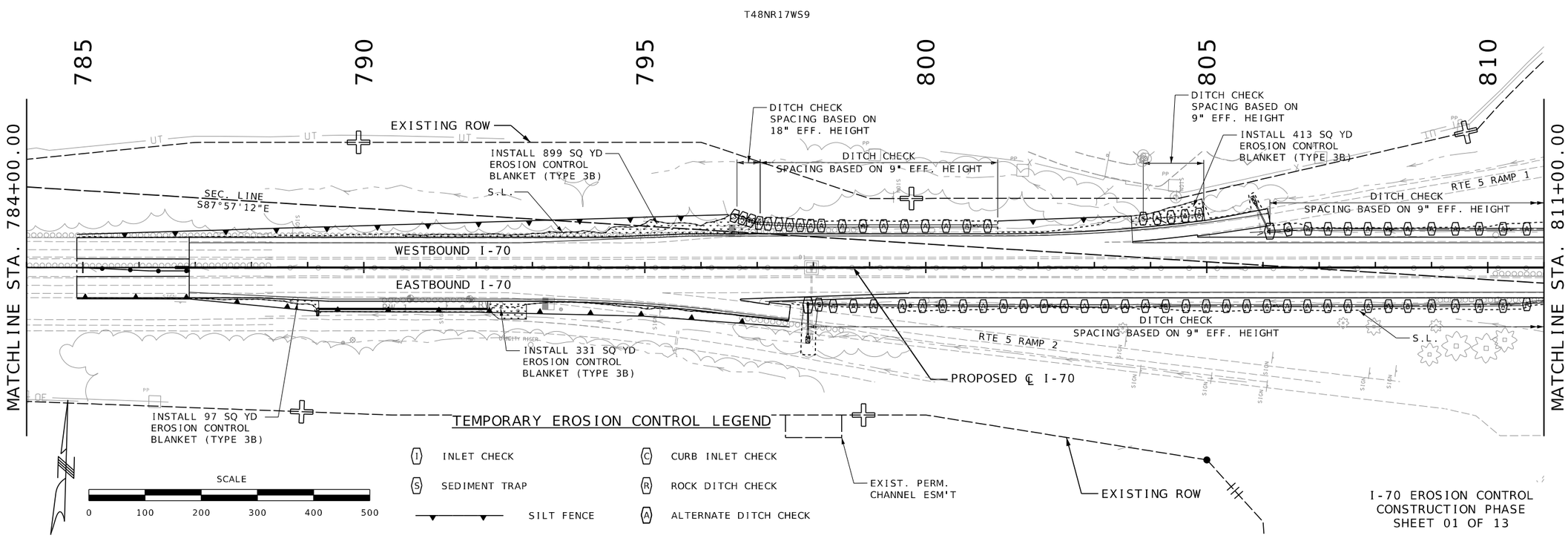
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 01 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

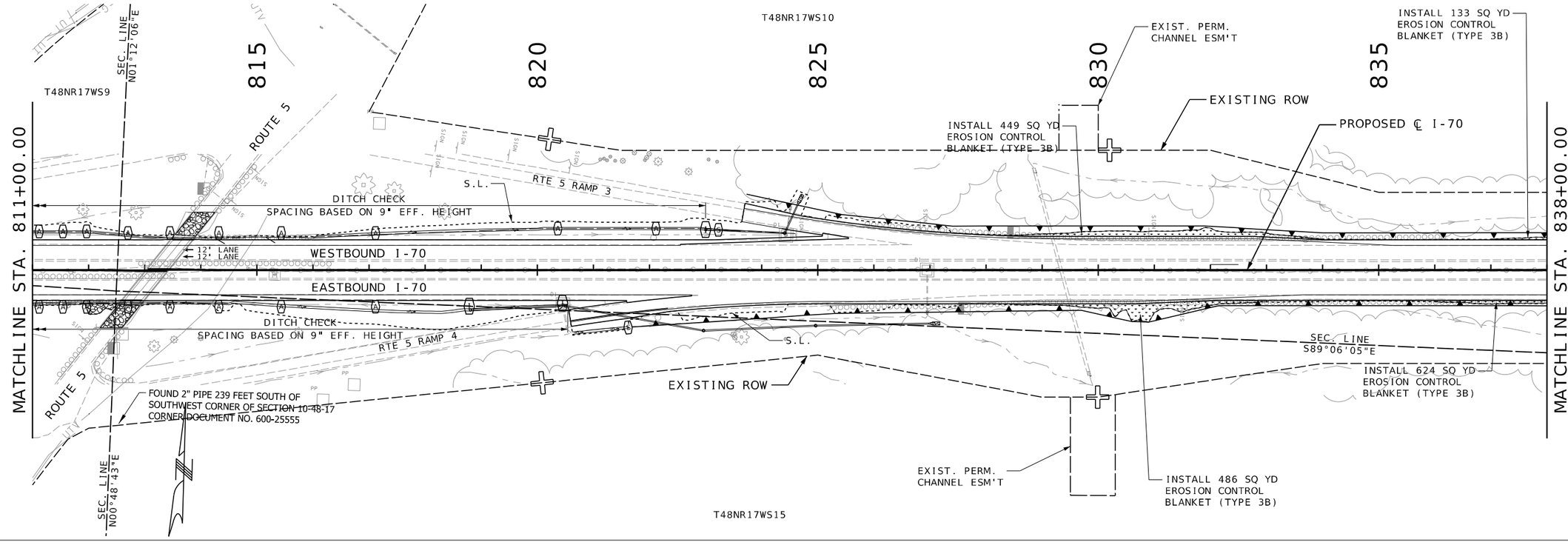
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 225 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

| DATE | DESCRIPTION |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE
- (A) ALTERNATE DITCH CHECK

I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 02 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

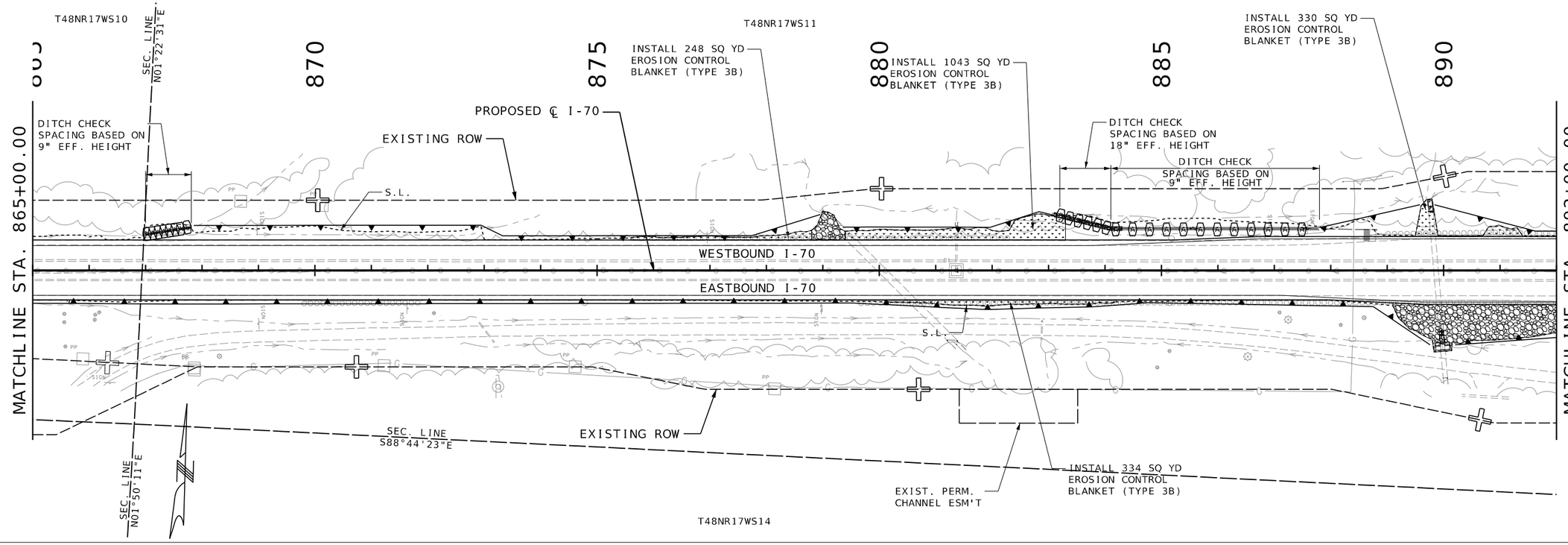
| DATE PREPARED | |
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| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 226 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (S) SEDIMENT TRAP
- SILT FENCE
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (A) ALTERNATE DITCH CHECK

I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 03 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

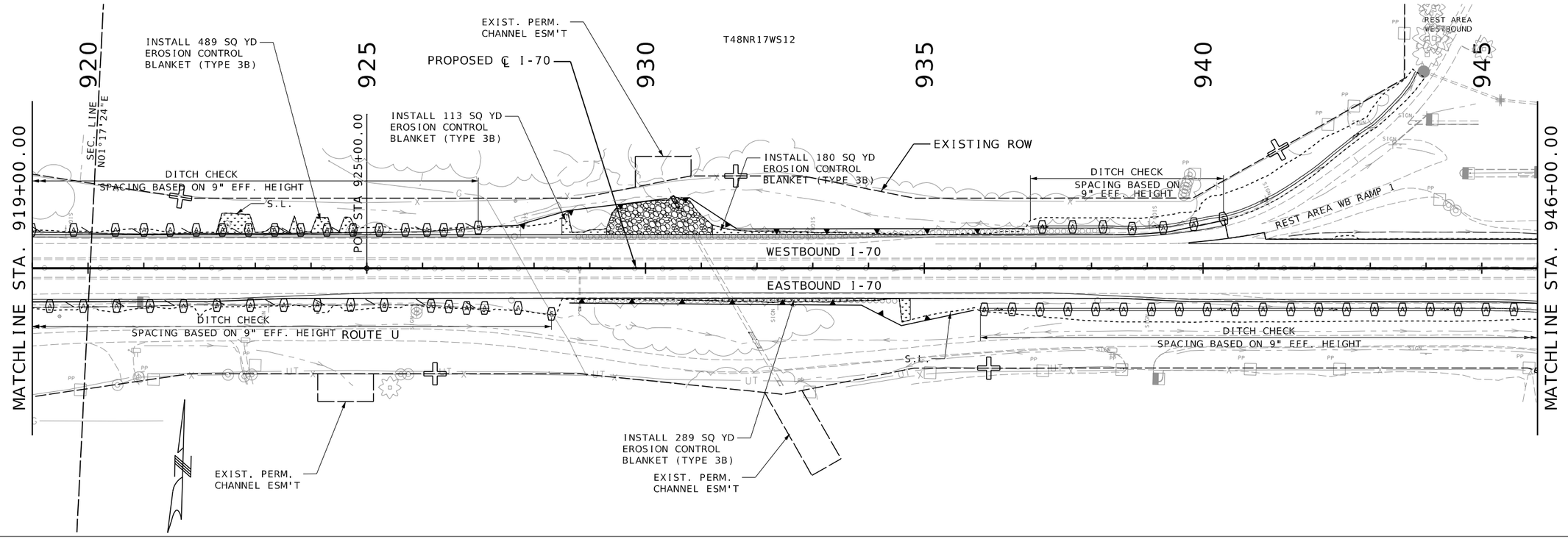
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

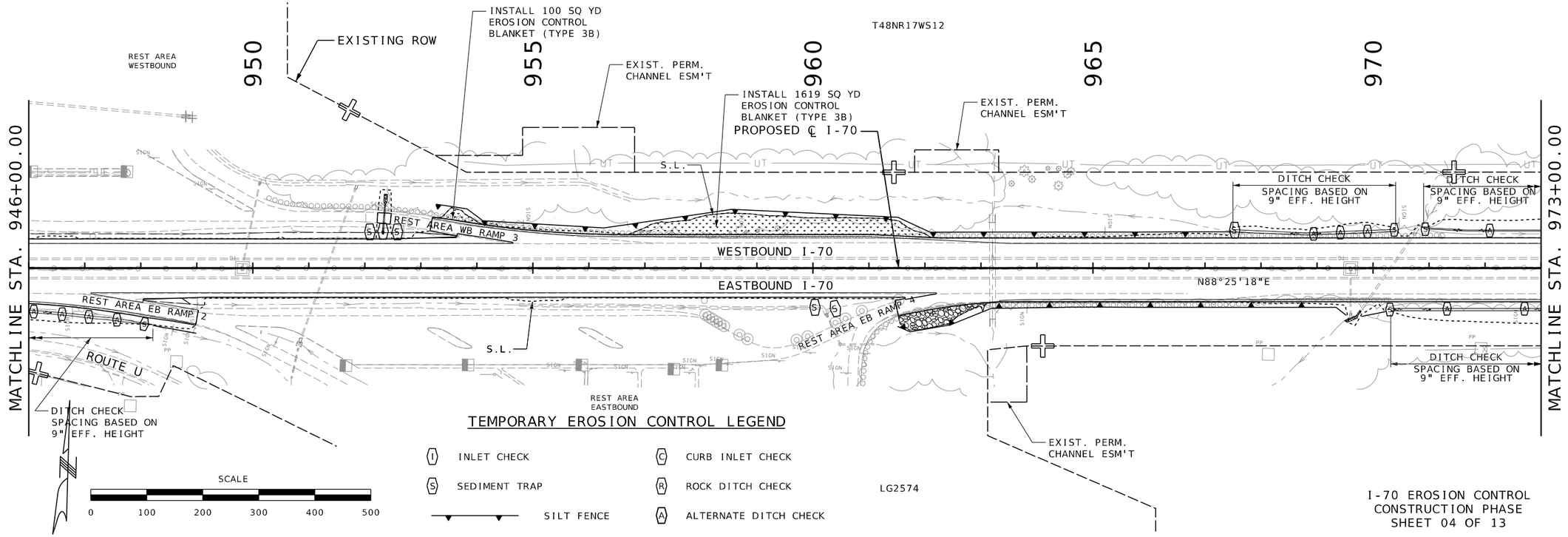
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 227 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE
- (A) ALTERNATE DITCH CHECK

LG2574

I-70 EROSION CONTROL CONSTRUCTION PHASE SHEET 04 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 228 |

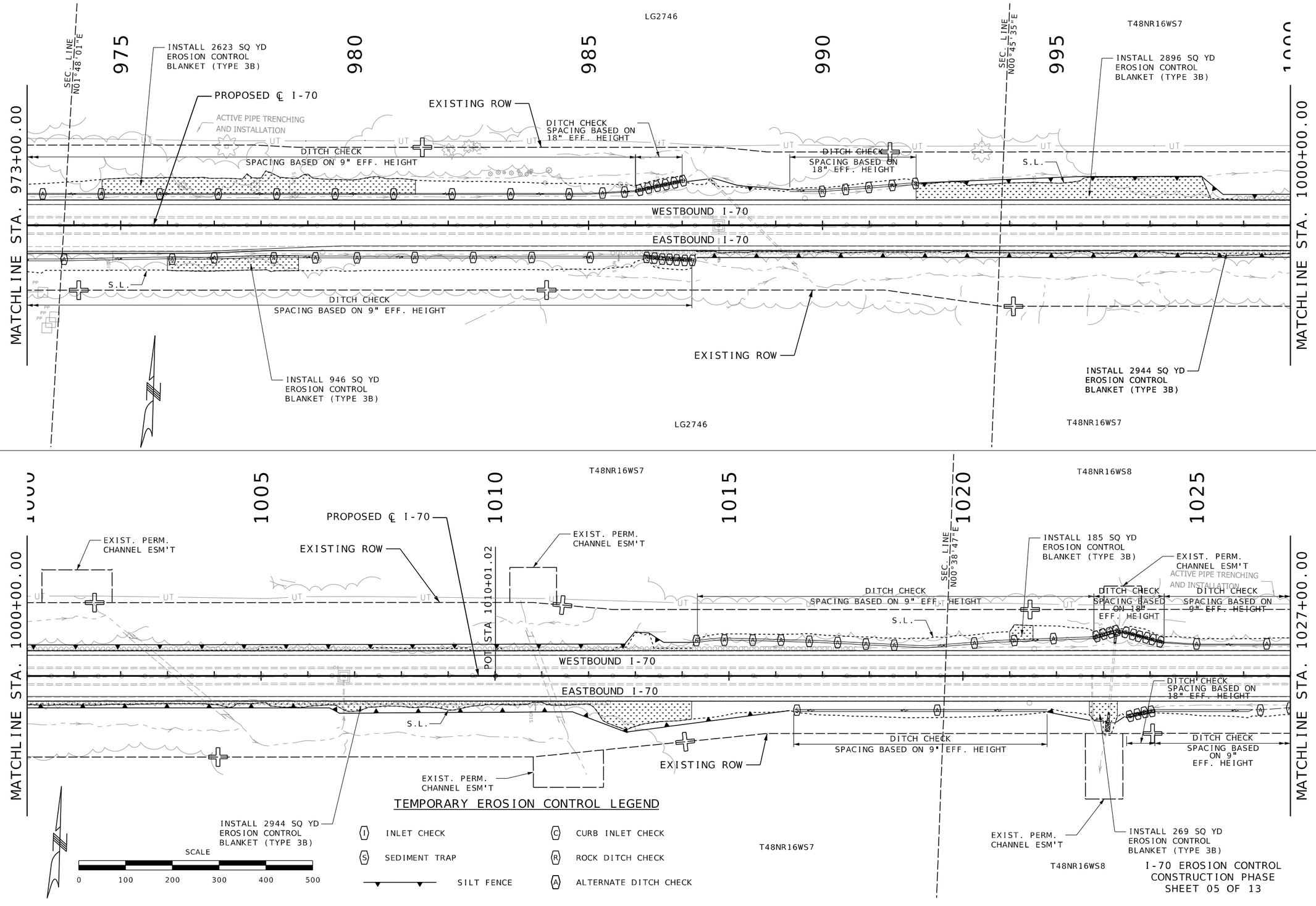
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (S) SEDIMENT TRAP
- SILT FENCE
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (A) ALTERNATE DITCH CHECK

I-70 EROSION CONTROL CONSTRUCTION PHASE
SHEET 05 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

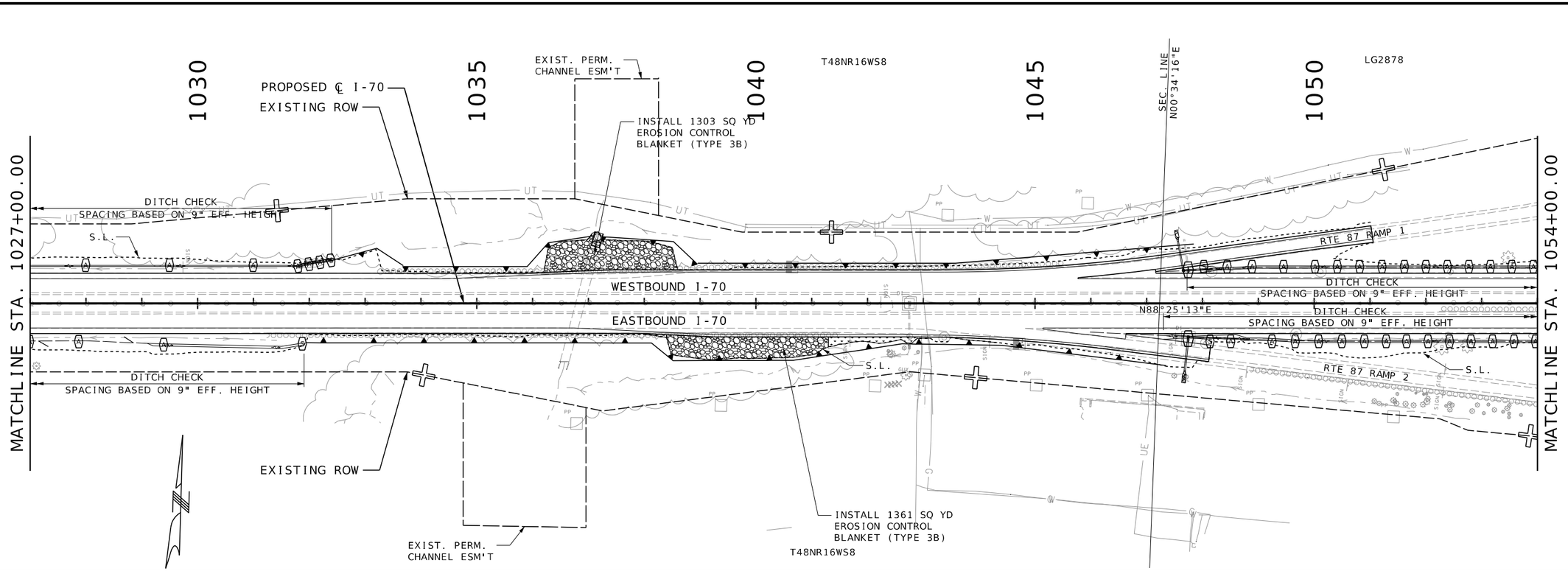
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| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 229 |

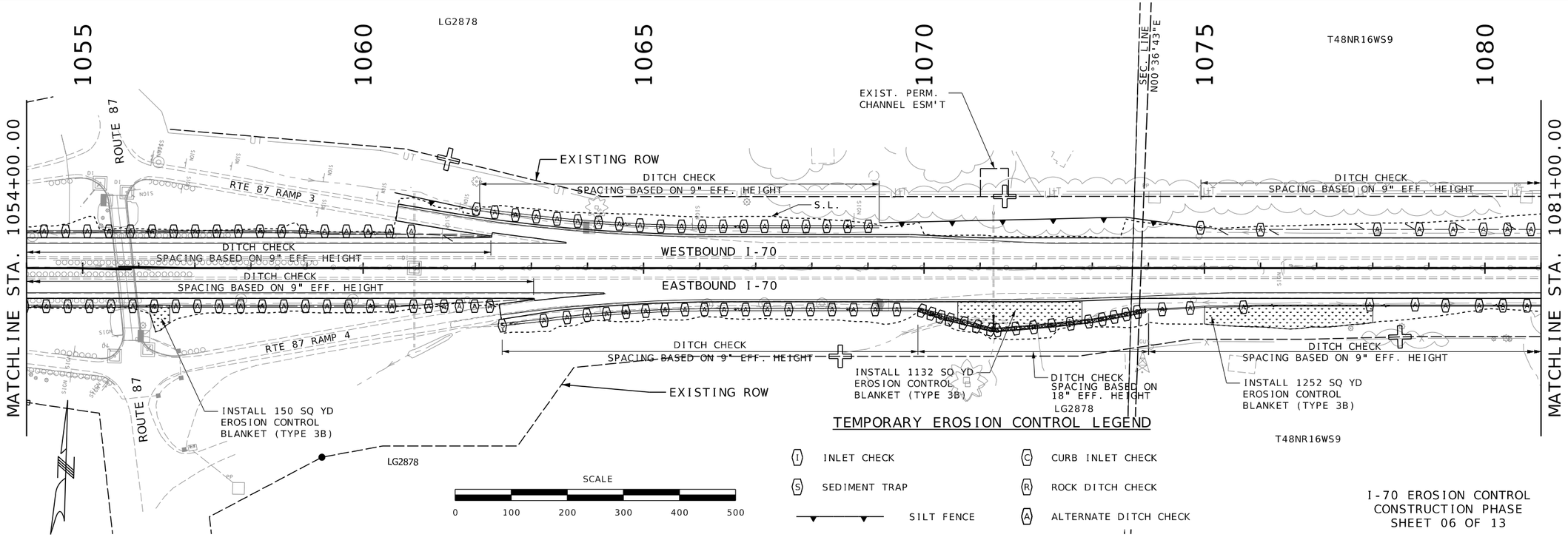
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE
- (A) ALTERNATE DITCH CHECK

I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 06 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

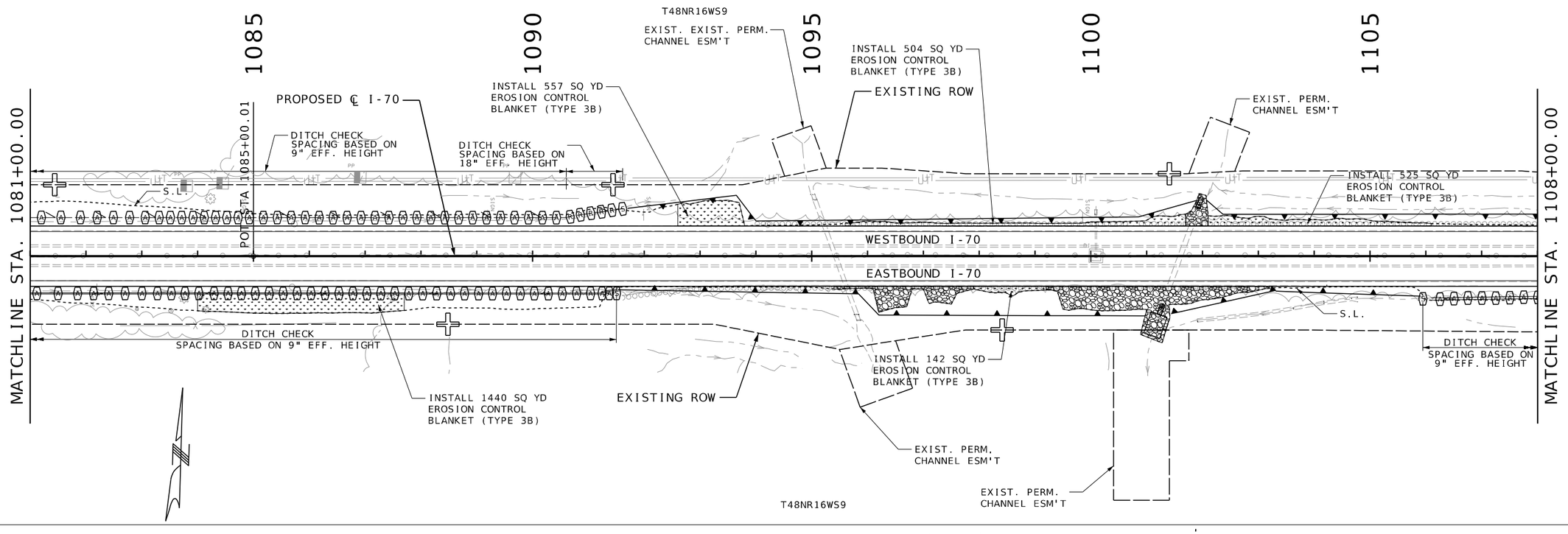
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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 230 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 07 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 231 |

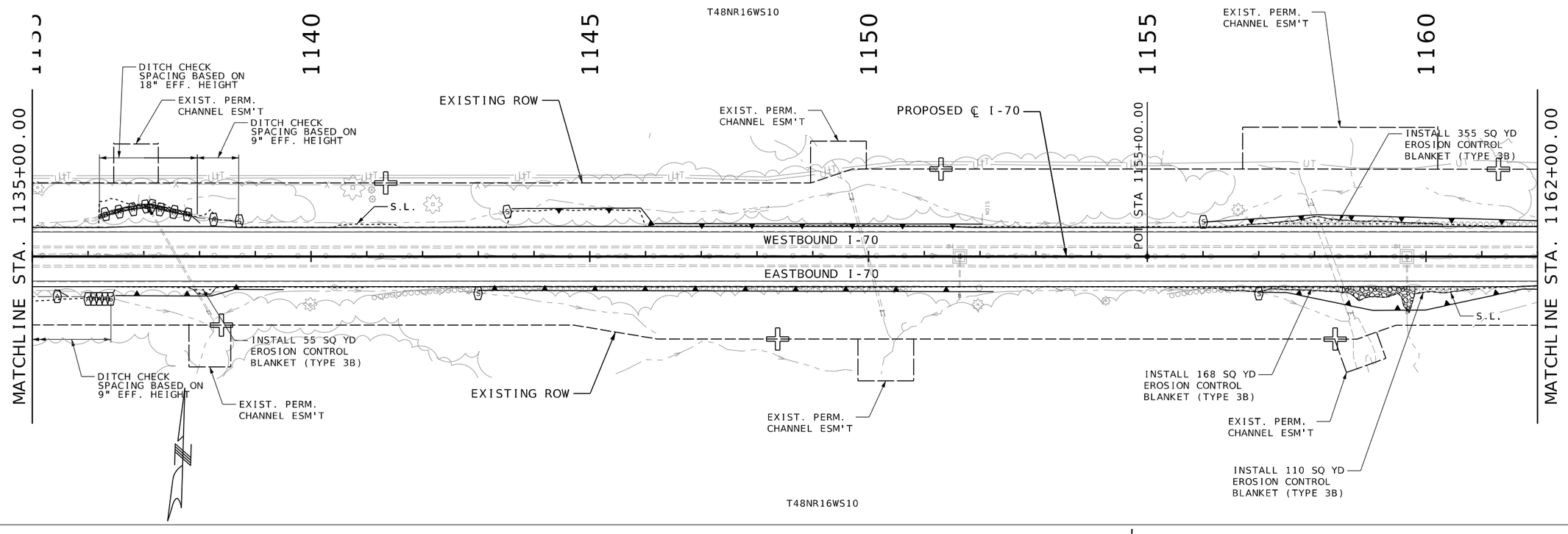
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JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

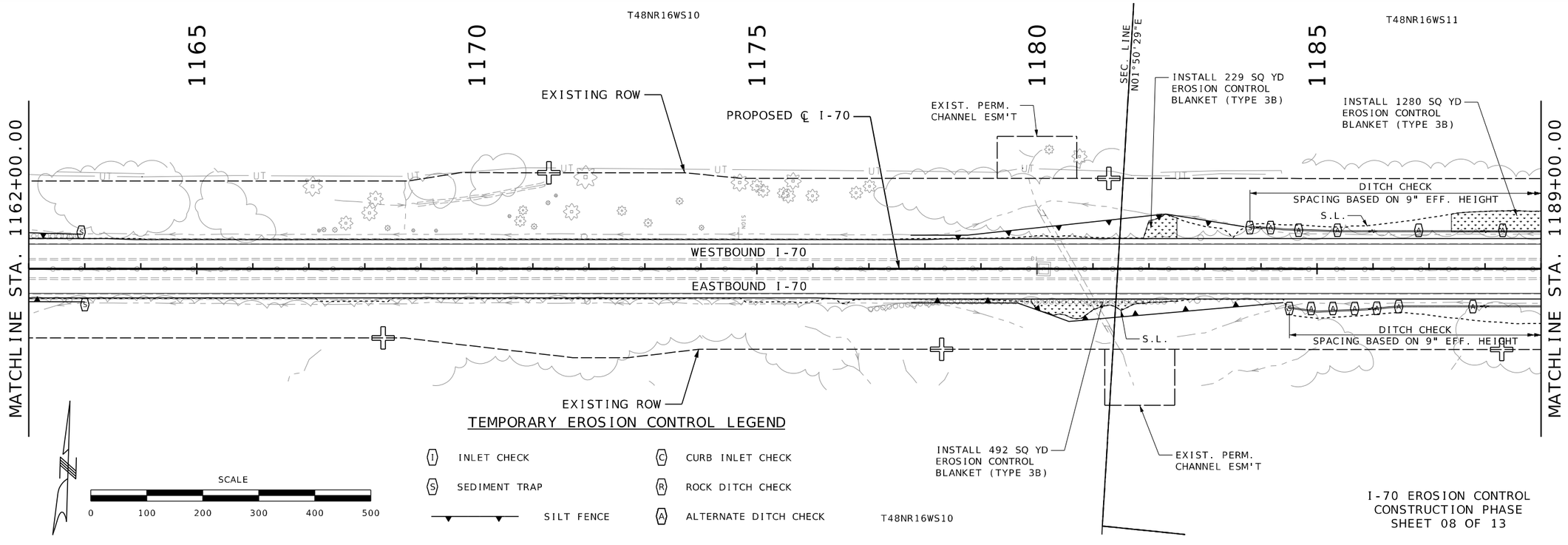
| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 EROSION CONTROL CONSTRUCTION PHASE SHEET 08 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 232 |

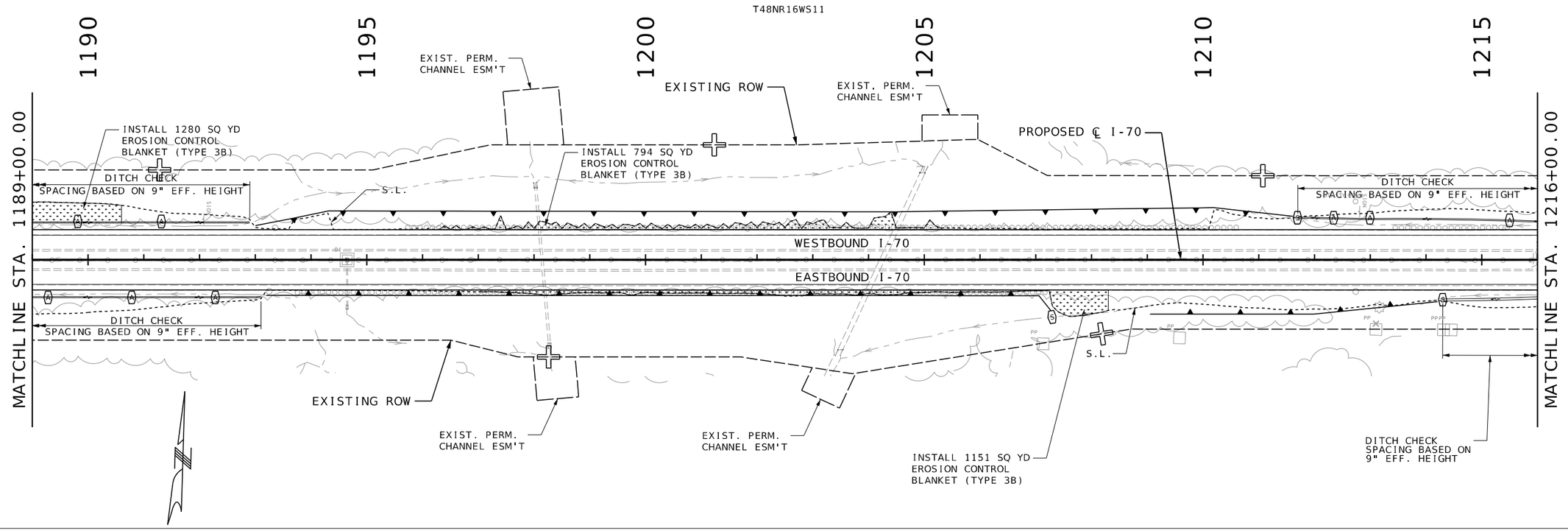
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 233 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

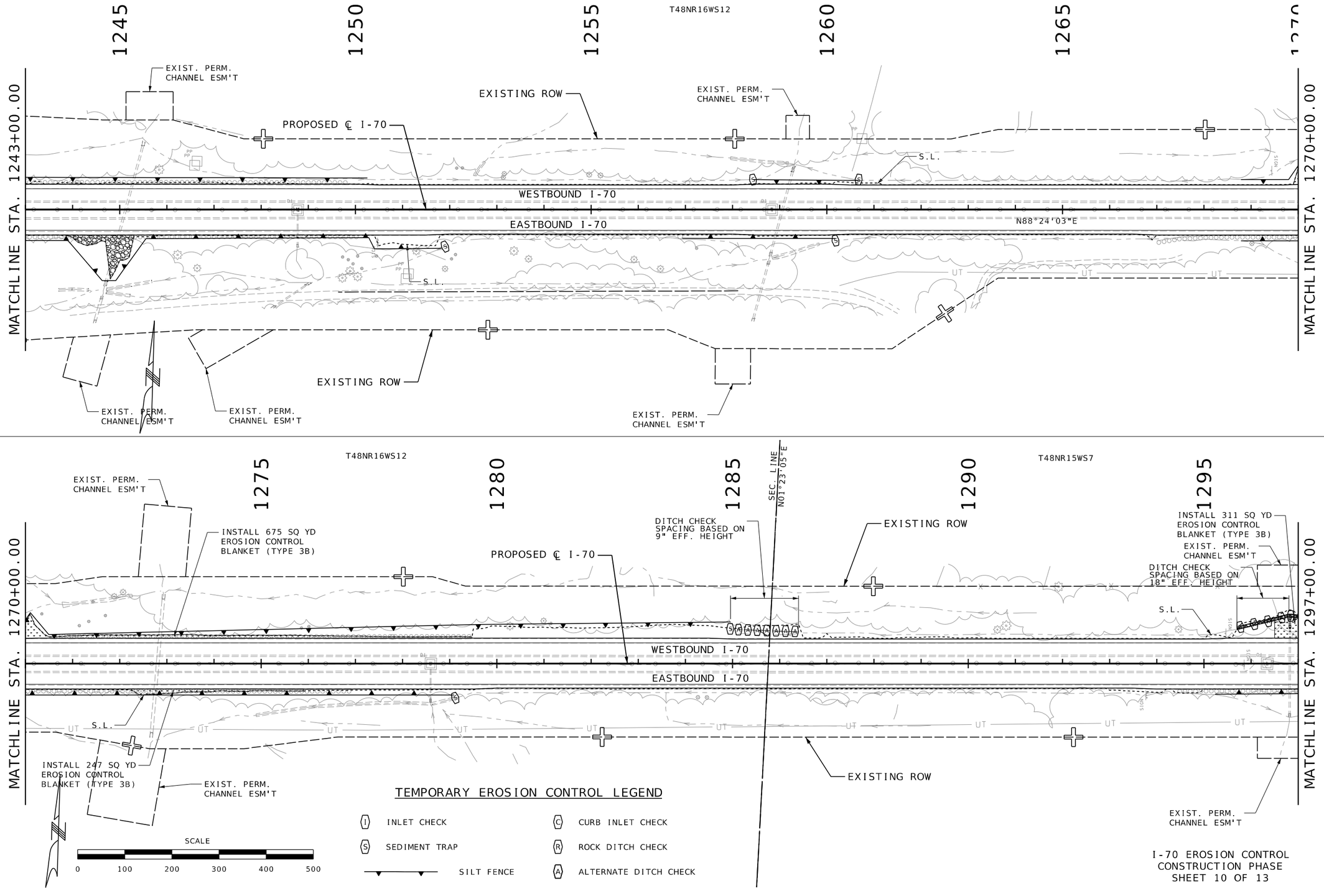
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 234 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

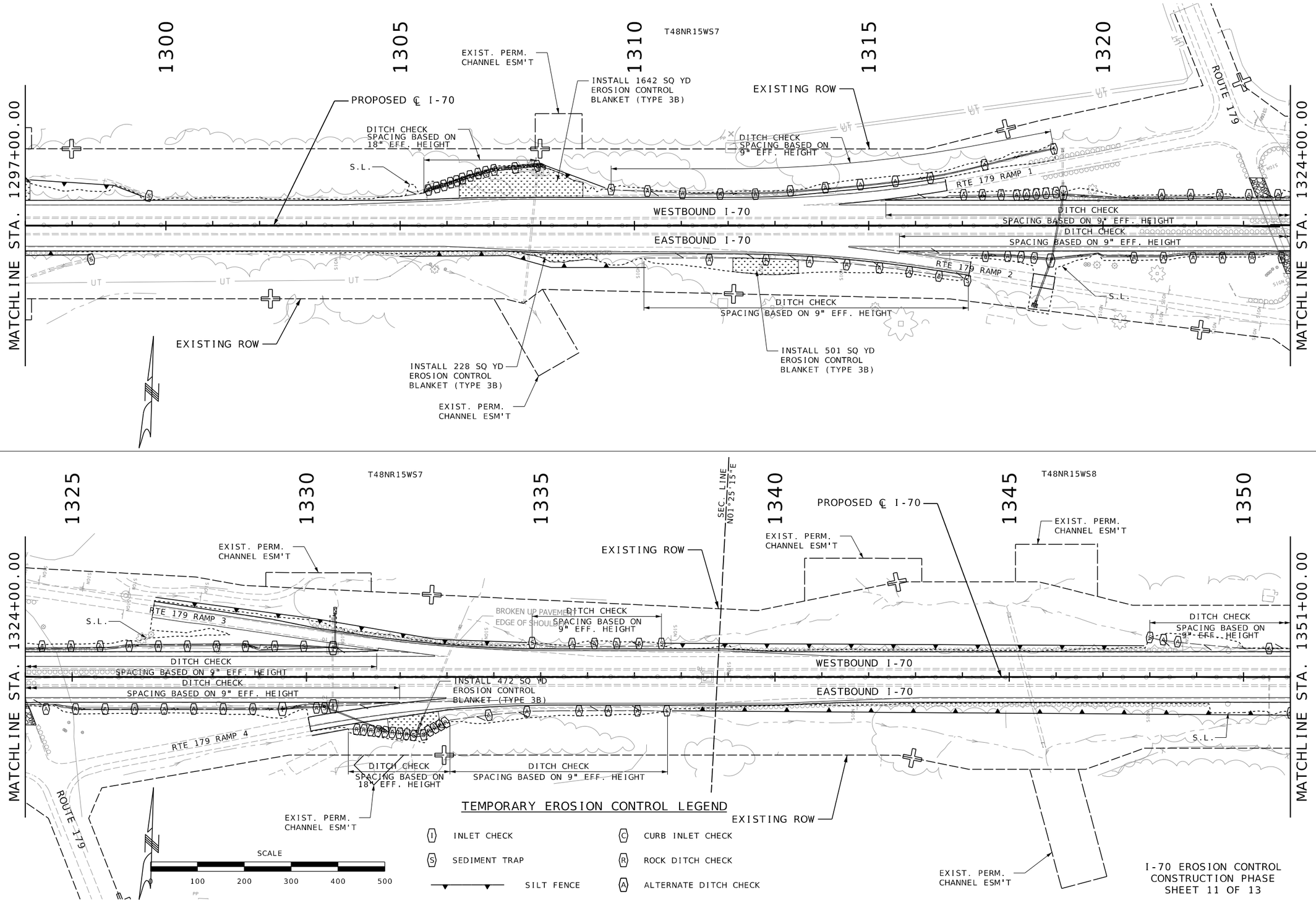
| DATE | DESCRIPTION |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165


I-70 EROSION CONTROL CONSTRUCTION PHASE
SHEET 10 OF 13

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## TEMPORARY EROSION CONTROL LEGEND

- (I) INLET CHECK
- (C) CURB INLET CHECK
- (S) SEDIMENT TRAP
- (R) ROCK DITCH CHECK
- SILT FENCE
- (A) ALTERNATE DITCH CHECK

I-70 EROSION CONTROL CONSTRUCTION PHASE
SHEET 11 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

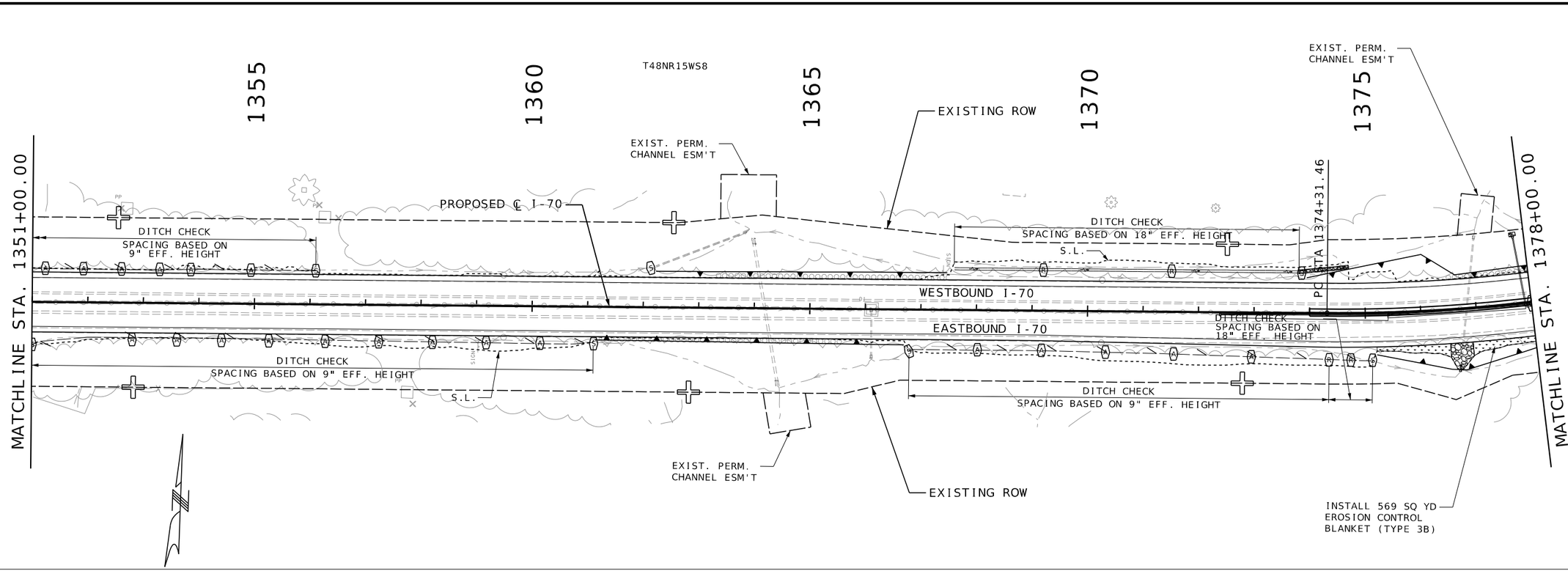
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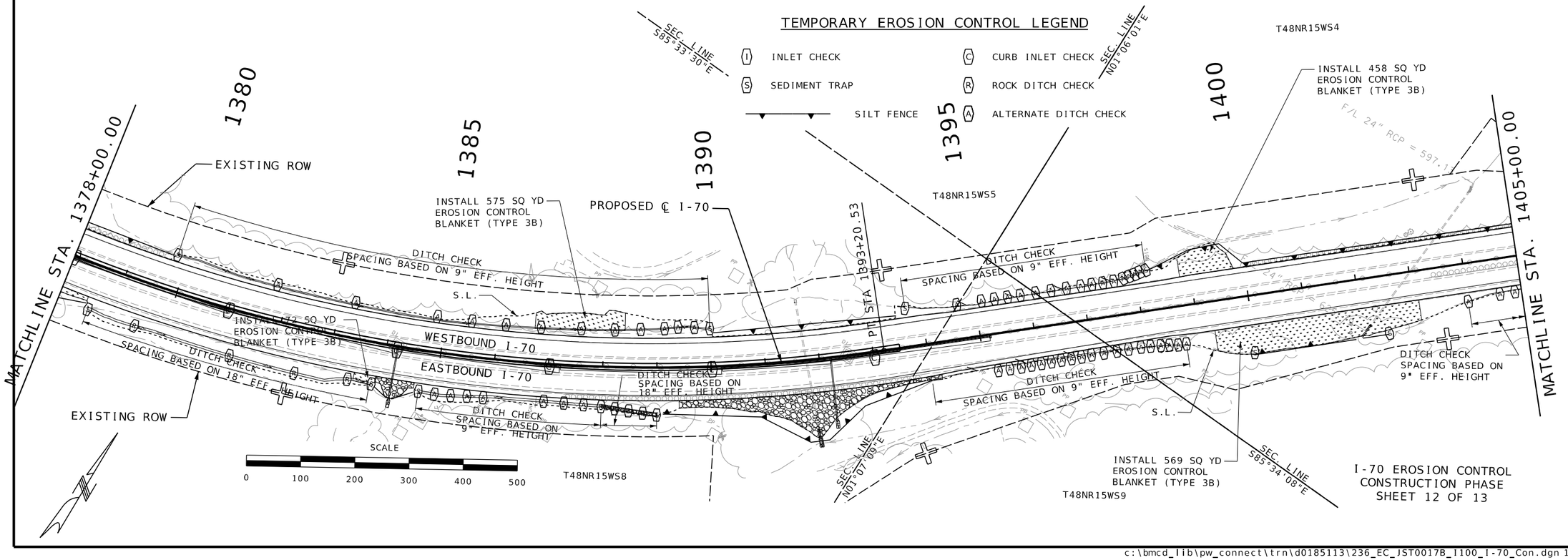
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 235 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 10/27/2025

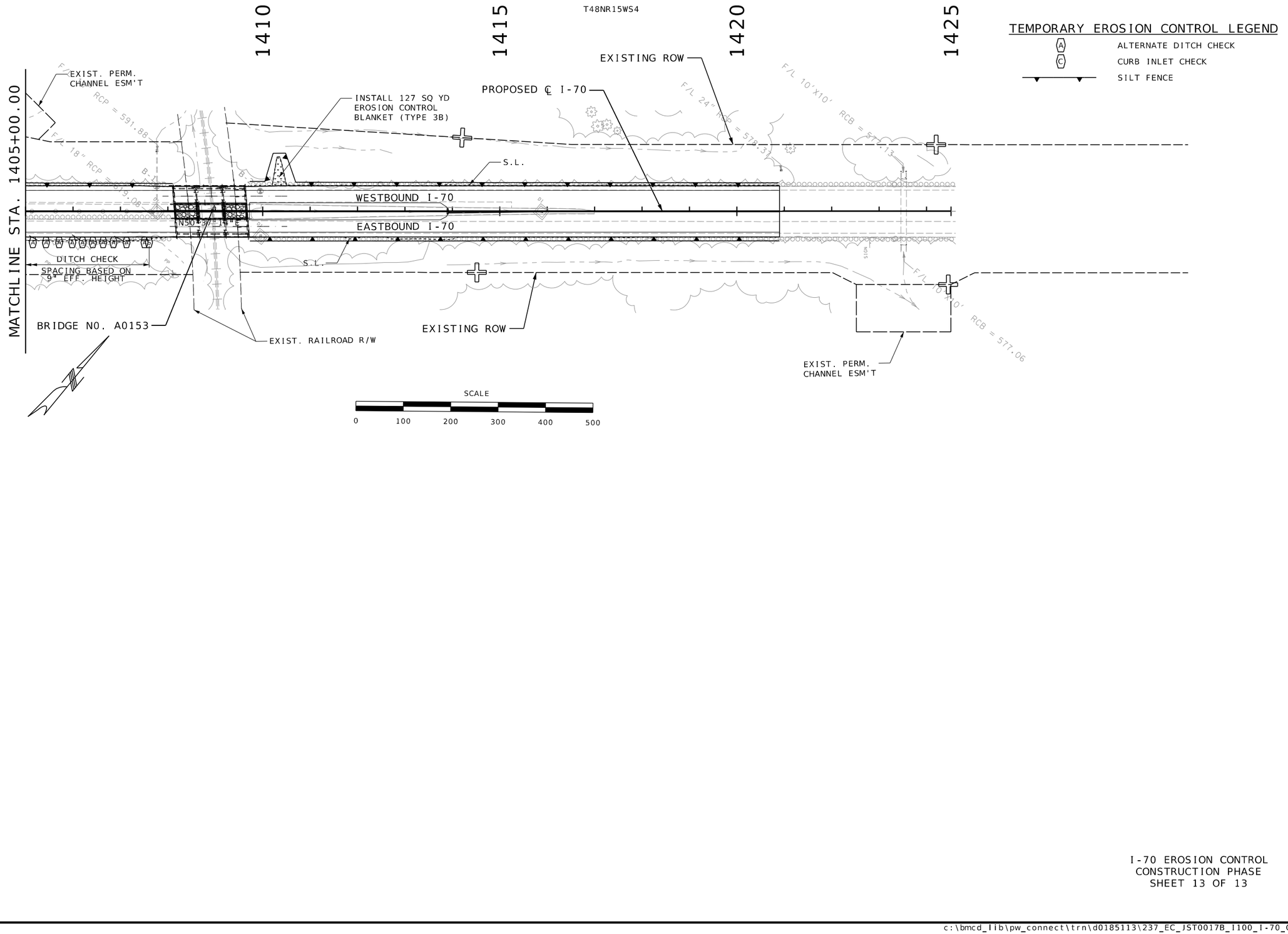
| ROUTE | STATE |
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| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 236 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

I-70 EROSION CONTROL CONSTRUCTION PHASE
SHEET 12 OF 13




## TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- SILT FENCE

I-70 EROSION CONTROL
CONSTRUCTION PHASE
SHEET 13 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 237 |

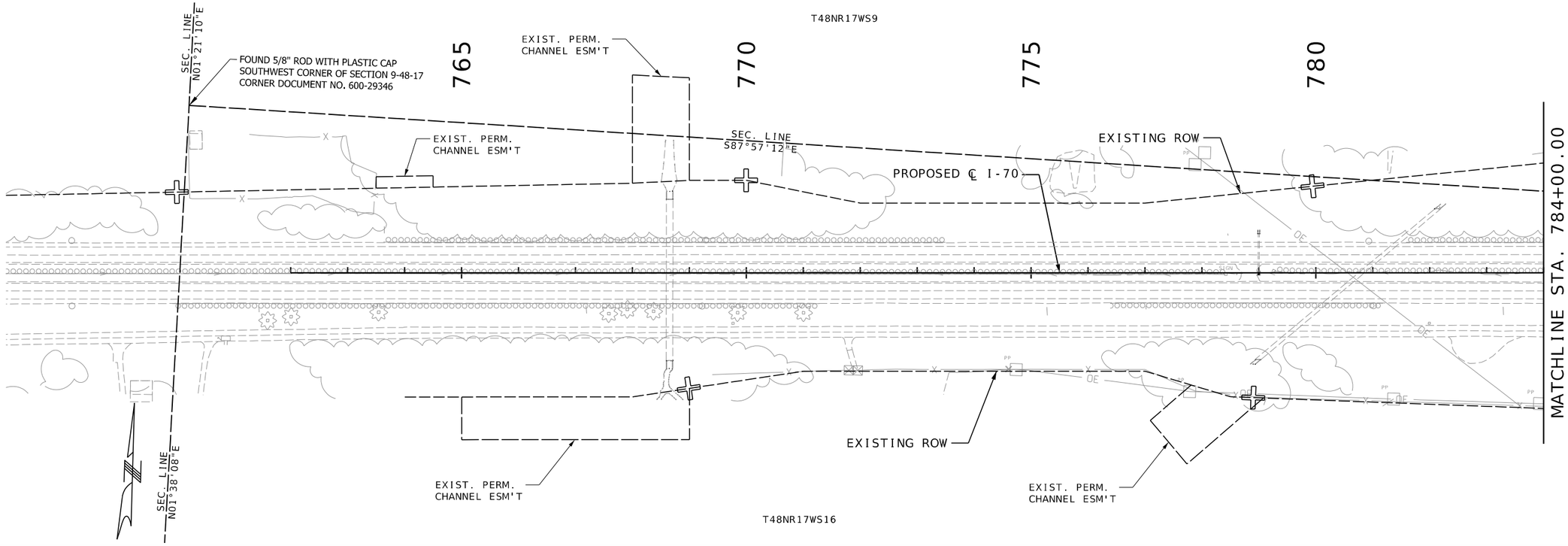
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

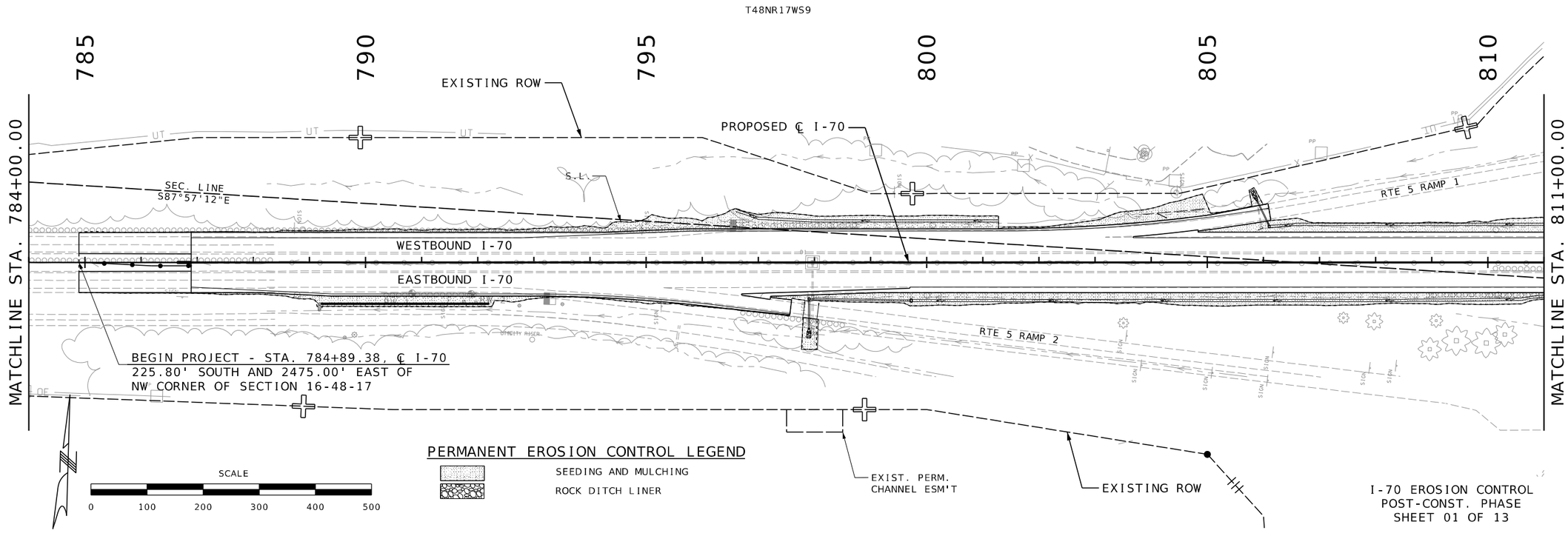
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 238 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

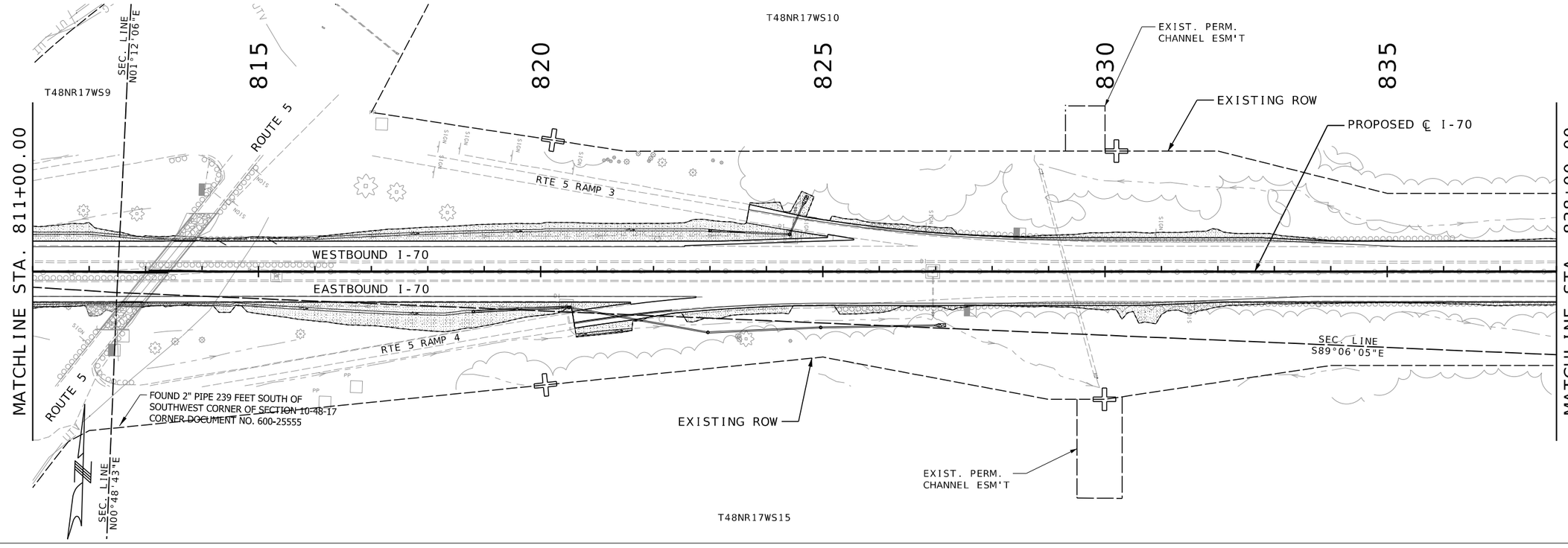
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




## PERMANENT EROSION CONTROL LEGEND

- SEEDING AND MULCHING
- ROCK DITCH LINER

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 02 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

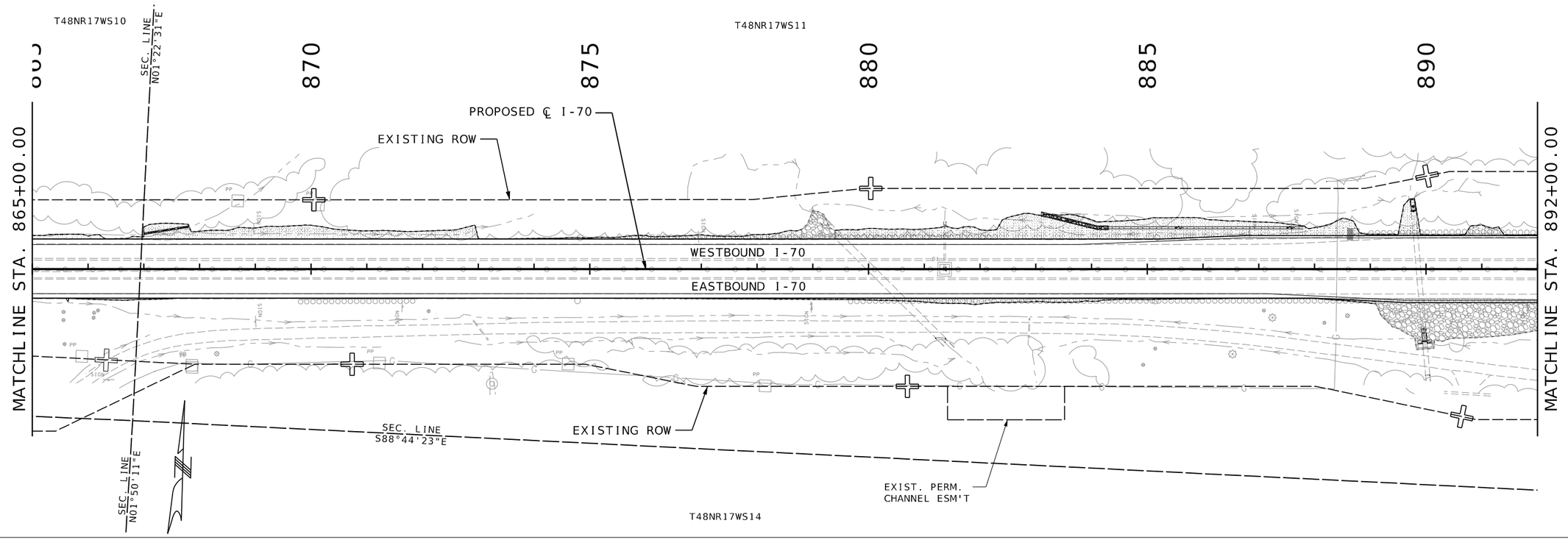
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|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 239 |

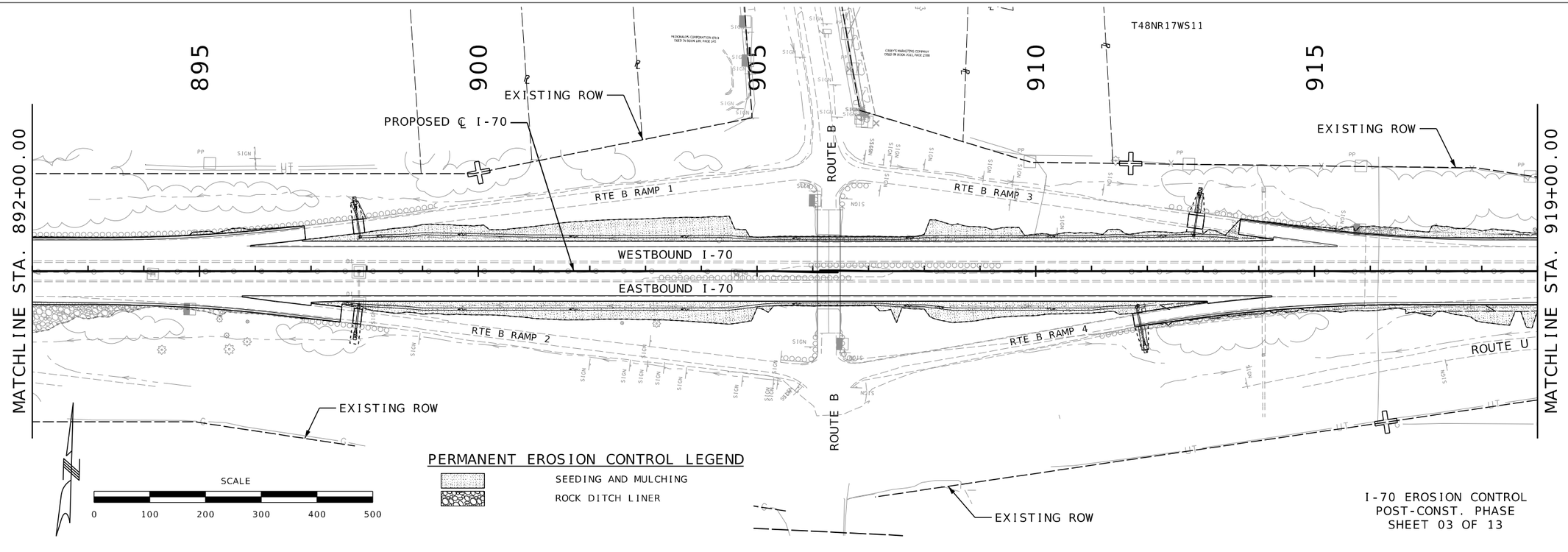
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 03 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 240 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION

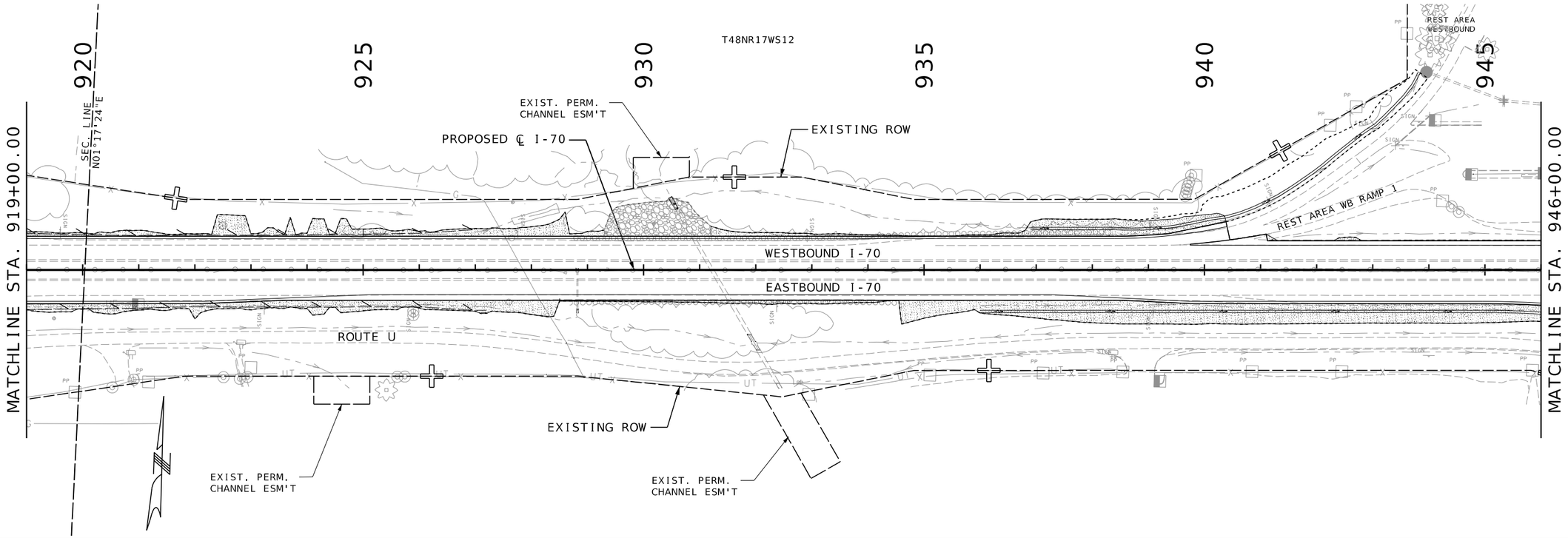
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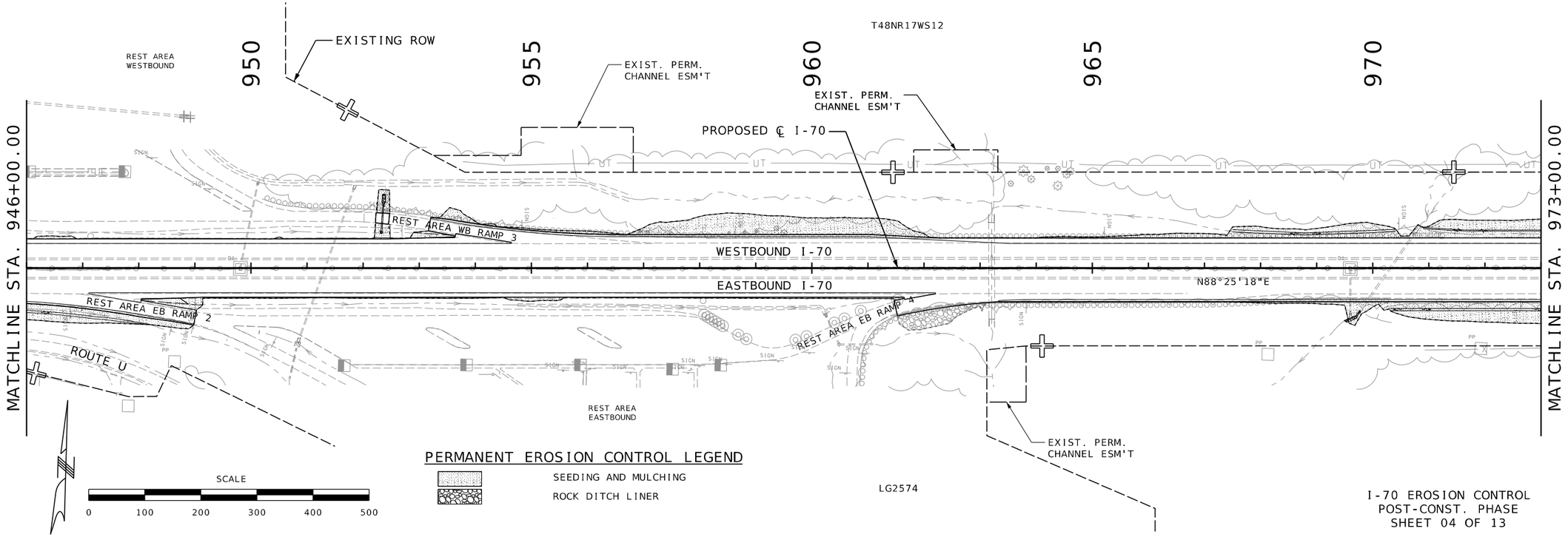
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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## PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

LG2574

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 04 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 241 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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LG2746

T48NR16WS7

SEC. LINE N01°48'01"E

SEC. LINE N00°45'35"E

975 980 985 990 995 1000

MATCHLINE STA. 973+00.00

MATCHLINE STA. 1000+00.00

PROPOSED ℄ I-70

EXISTING ROW

ACTIVE PIPE TRENCHING AND INSTALLATION

UT

PP

WESTBOUND I-70

EASTBOUND I-70

EXISTING ROW

LG2746

T48NR16WS7

T48NR16WS7

T48NR16WS8

1000 1005 1010 1015 1020 1025

MATCHLINE STA. 1000+00.00

MATCHLINE STA. 1027+00.00

EXIST. PERM. CHANNEL ESM'T

EXIST. PERM. CHANNEL ESM'T

PROPOSED ℄ I-70

EXISTING ROW

SEC. LINE N00°38'47"E

EXIST. PERM. CHANNEL ESM'T

ACTIVE PIPE TRENCHING AND INSTALLATION

UT

WESTBOUND I-70

EASTBOUND I-70

EXISTING ROW

EXIST. PERM. CHANNEL ESM'T

EXIST. PERM. CHANNEL ESM'T

SCALE

0 100 200 300 400 500

PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

T48NR16WS7

T48NR16WS8

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 05 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 242 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

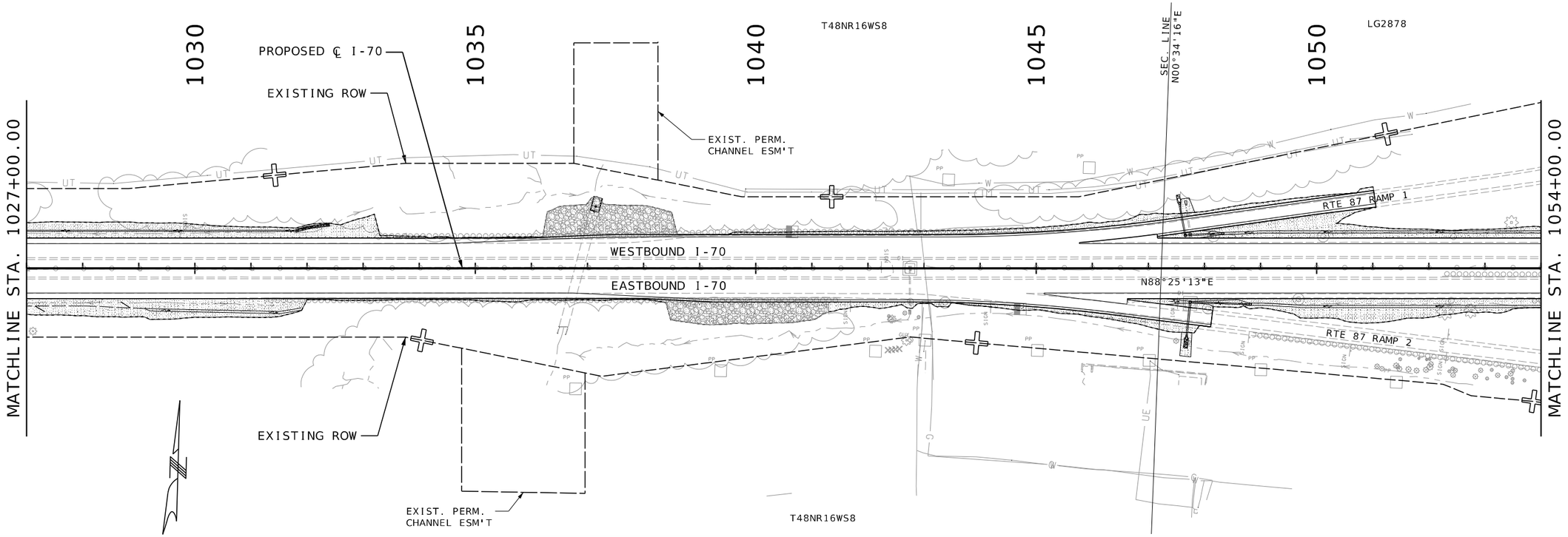
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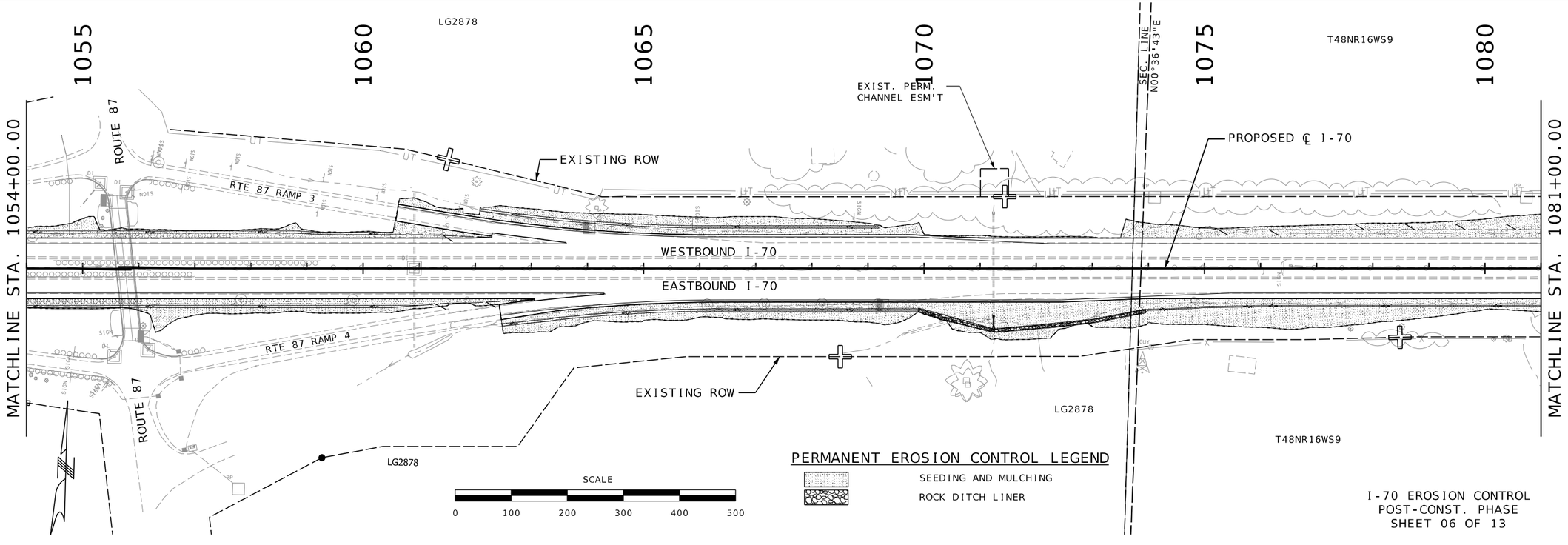
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 06 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

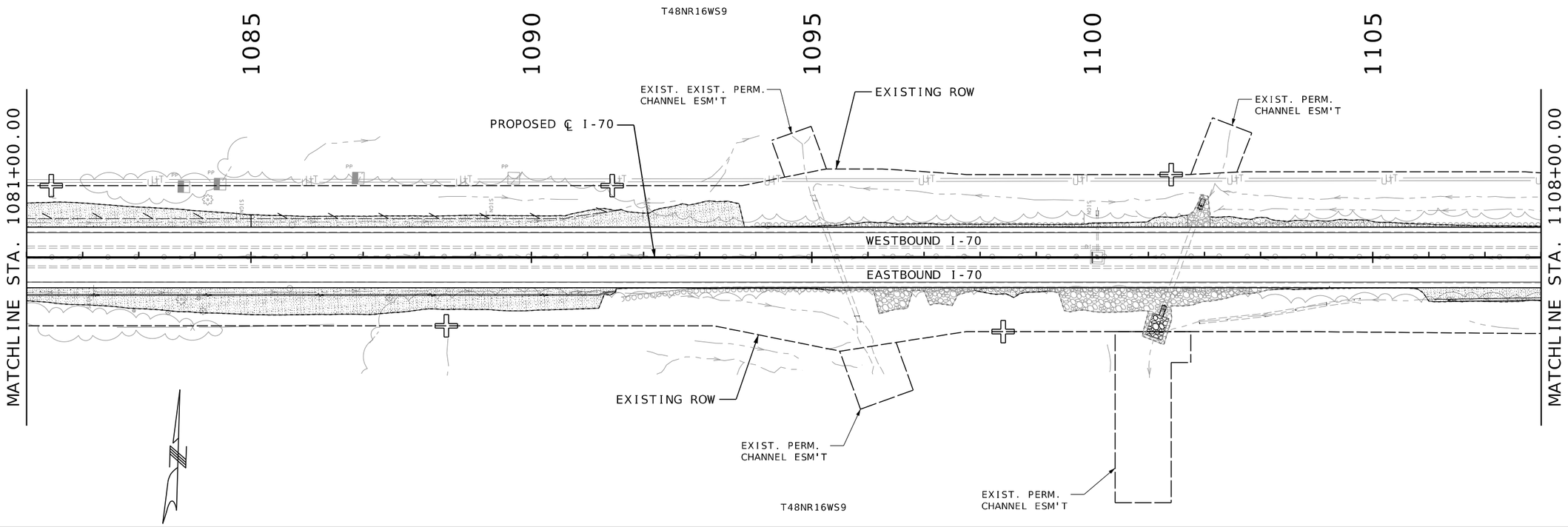
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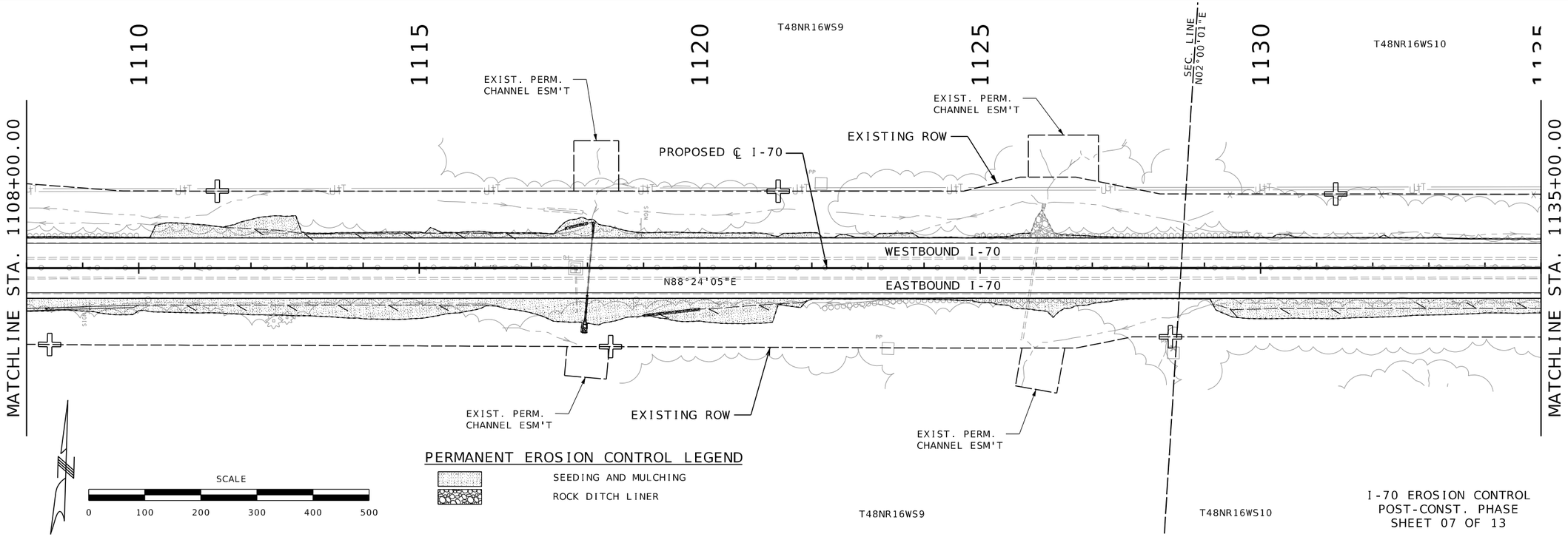
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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 243 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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Certificate of Authority No.: 000165




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 244 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

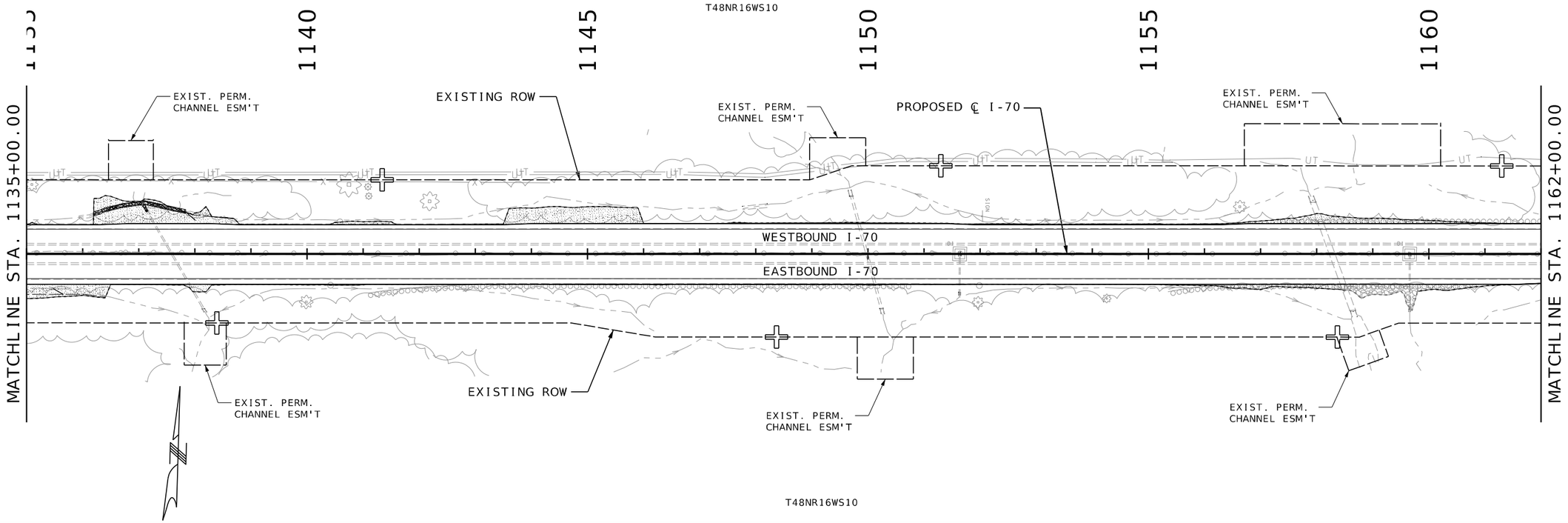
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 07 OF 13

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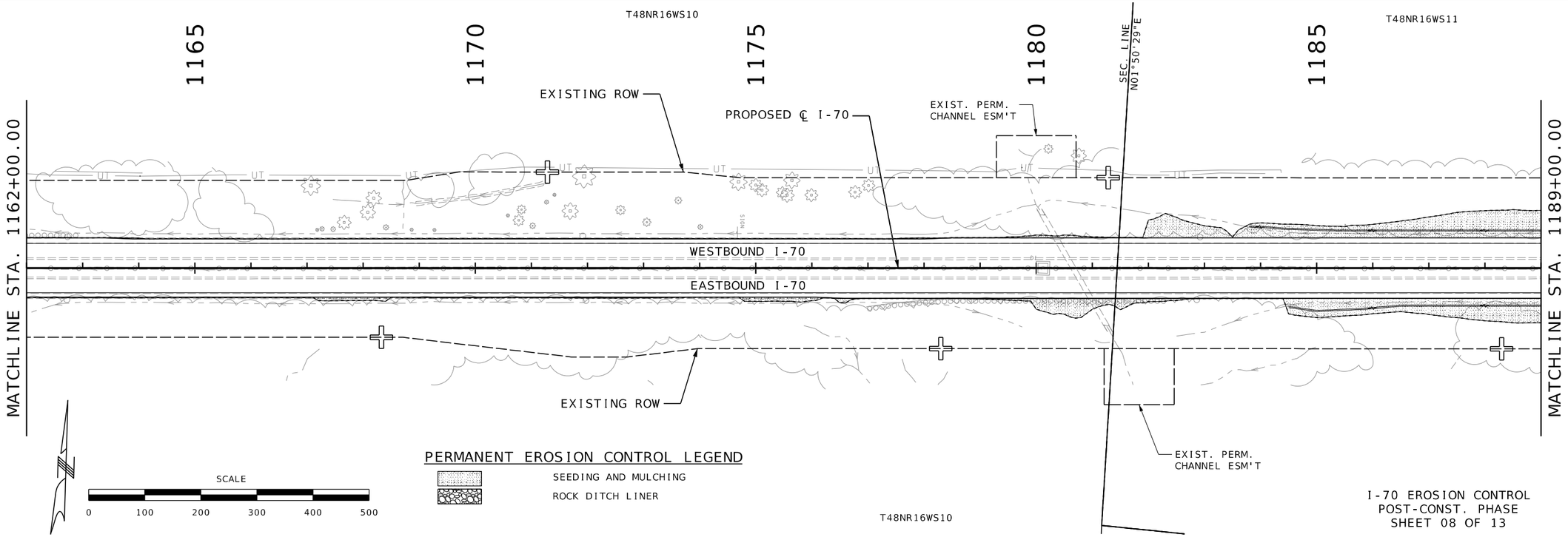
T48NR16WS10




T48NR16WS10

T48NR16WS10

T48NR16WS11




SCALE

0 100 200 300 400 500

## PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

T48NR16WS10

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 08 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 245 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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T48NR16WS11

1190 1195 1200 1205 1210 1215

MATCHLINE STA. 1189+00.00

EXIST. PERM. CHANNEL ESM'T

EXISTING ROW

EXIST. PERM. CHANNEL ESM'T

PROPOSED ℄ I-70

WESTBOUND I-70

EASTBOUND I-70

EXISTING ROW

EXIST. PERM. CHANNEL ESM'T

EXIST. PERM. CHANNEL ESM'T

MATCHLINE STA. 1216+00.00

T48NR16WS11

1220 1225 1230

T48NR16WS12

1235 1240

MATCHLINE STA. 1216+00.00

EXIST. PERM. CHANNEL ESM'T

PROPOSED ℄ I-70

WOODLAND SCHOOL DRIVE

SEC. LINE N02°46'21"E

EXISTING ROW

EXIST. PERM. CHANNEL ESM'T

WESTBOUND I-70

EASTBOUND I-70

EXIST. PERM. CHANNEL ESM'T

WOODLAND SCHOOL DRIVE

EXISTING ROW

EXIST. PERM. CHANNEL ESM'T

MATCHLINE STA. 1243+00.00

PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

SCALE

0 100 200 300 400 500

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 09 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 246 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

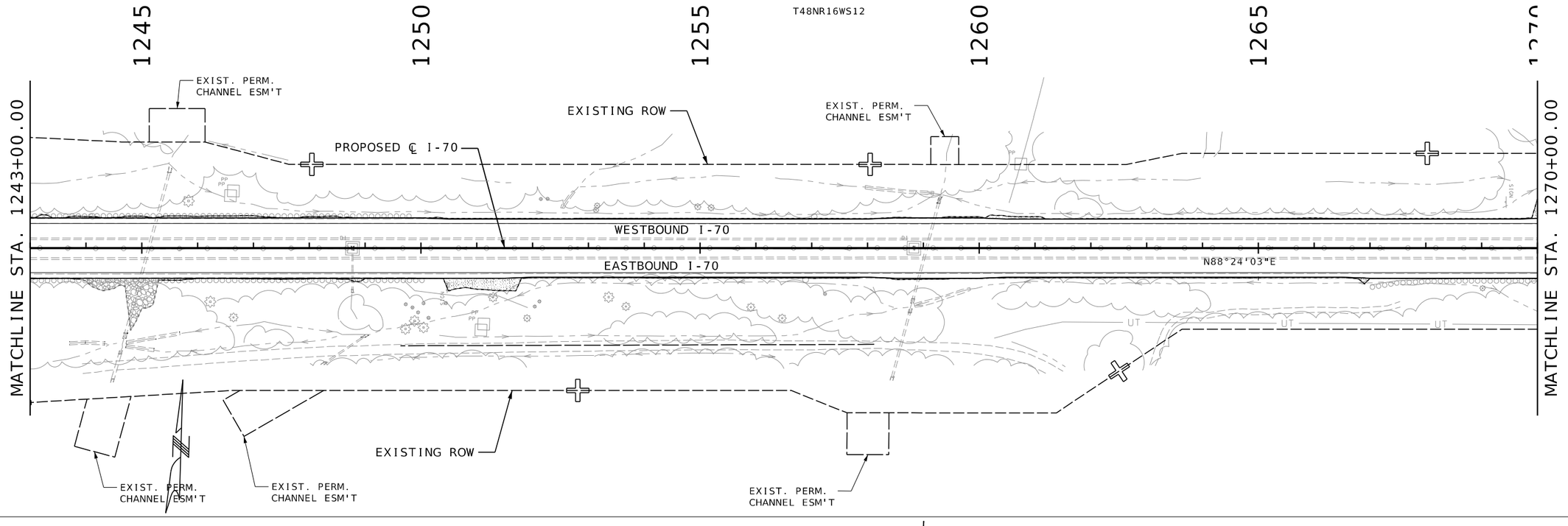
BRIDGE NO.
-

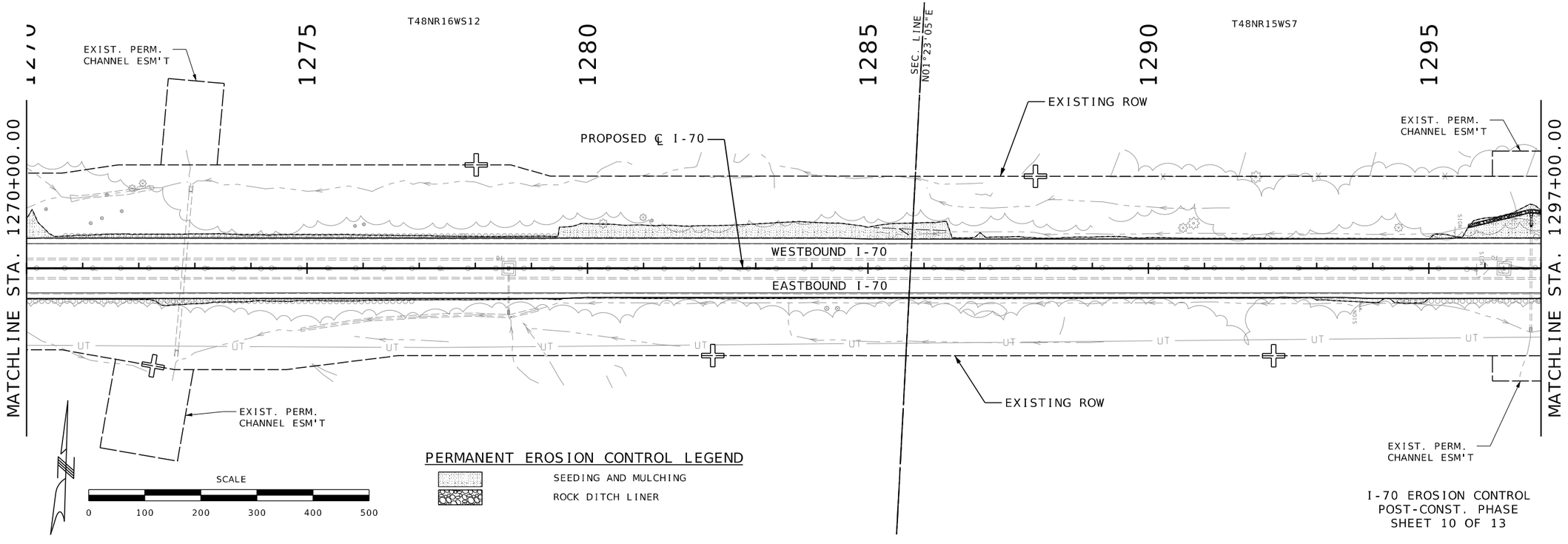
| DESCRIPTION | DATE |
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| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




## PERMANENT EROSION CONTROL LEGEND

- SEEDING AND MULCHING
- ROCK DITCH LINER

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 10 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

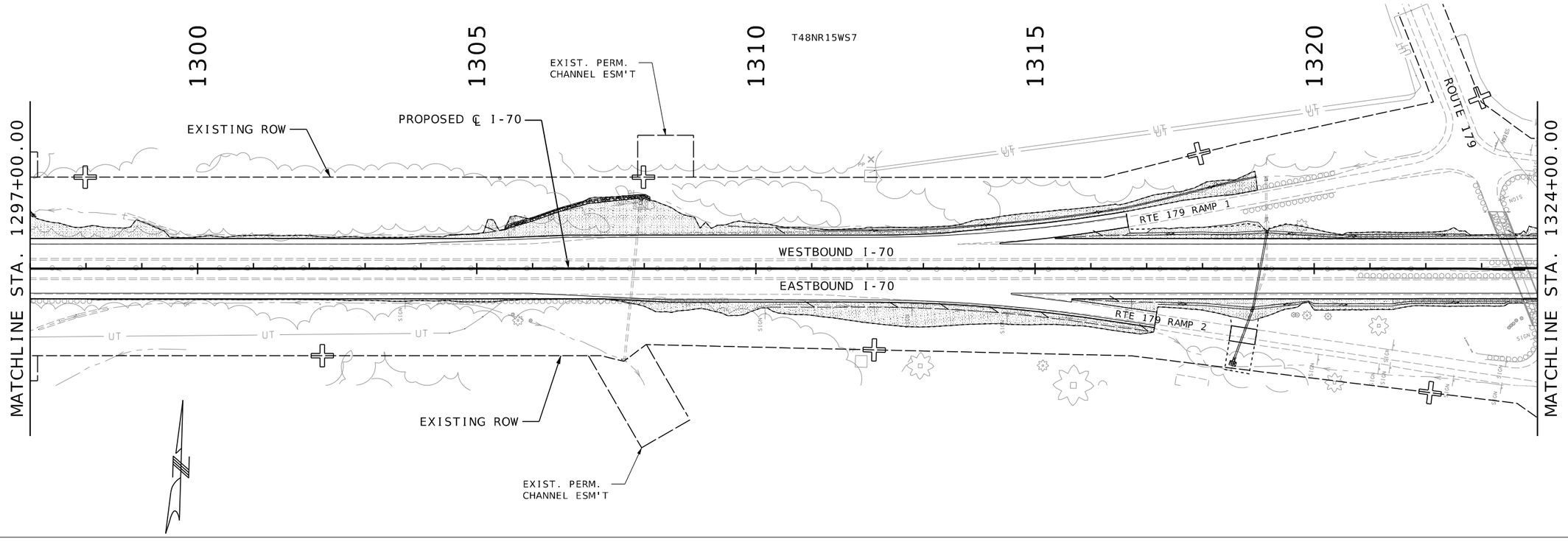
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| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 247 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

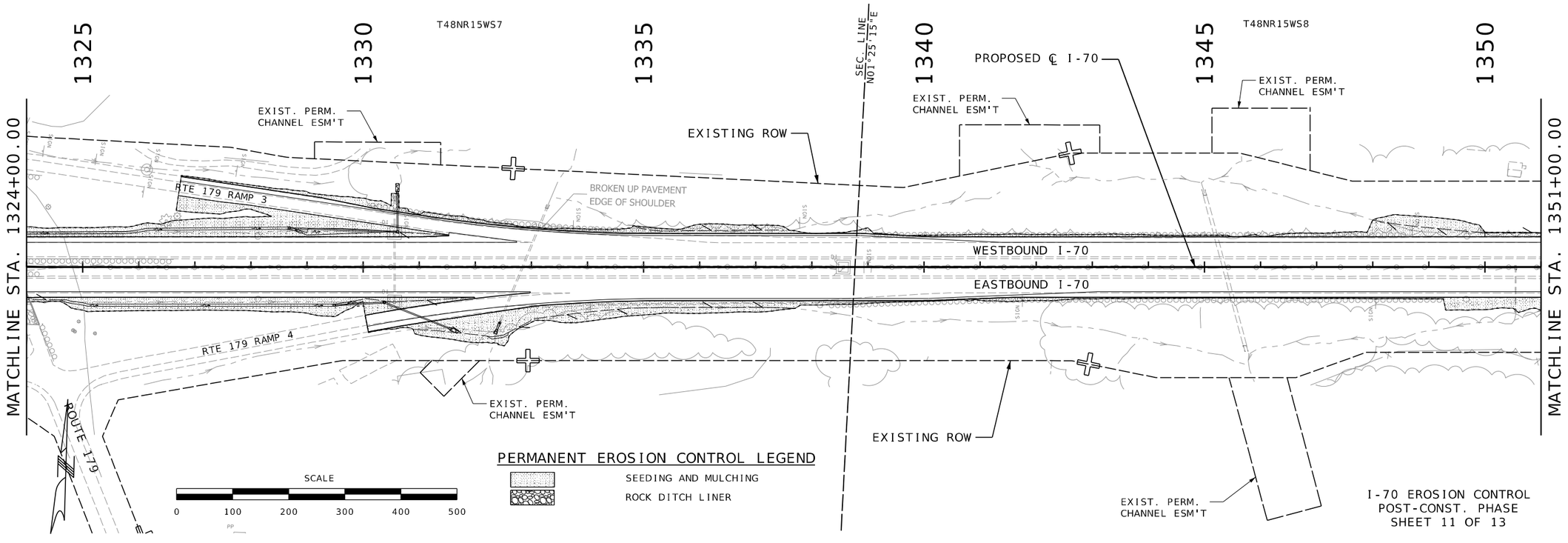
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 11 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 248 |

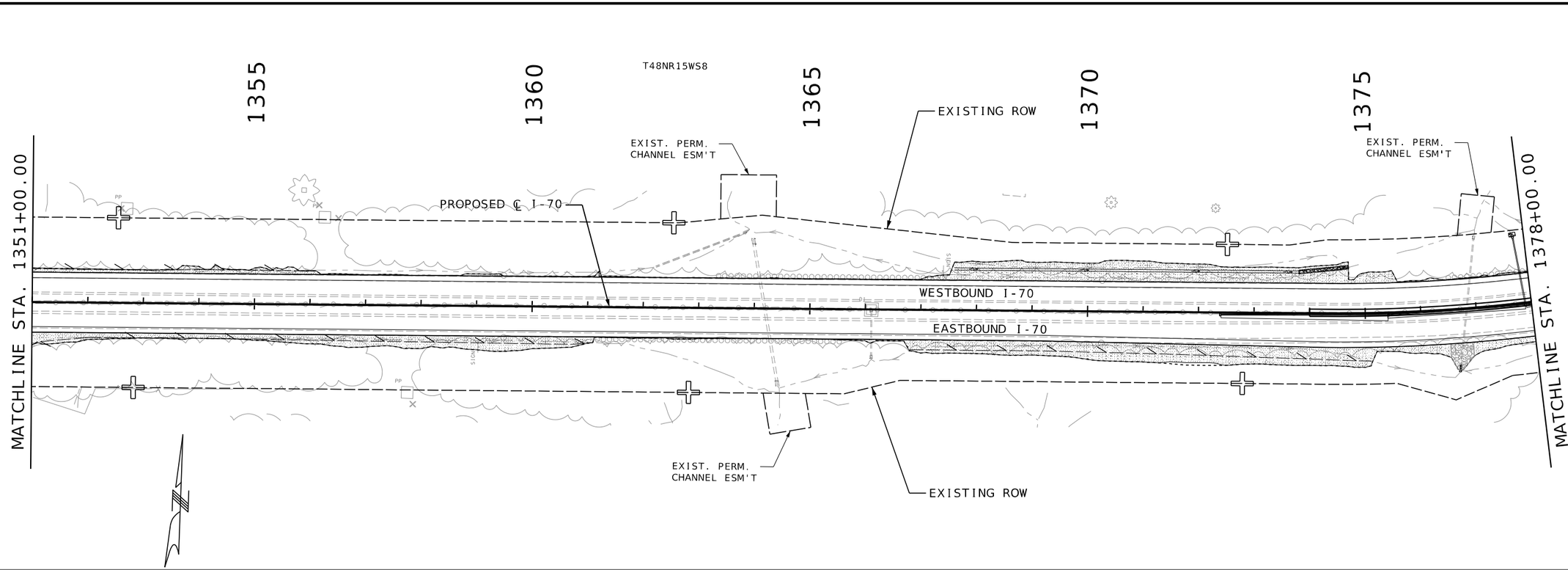
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

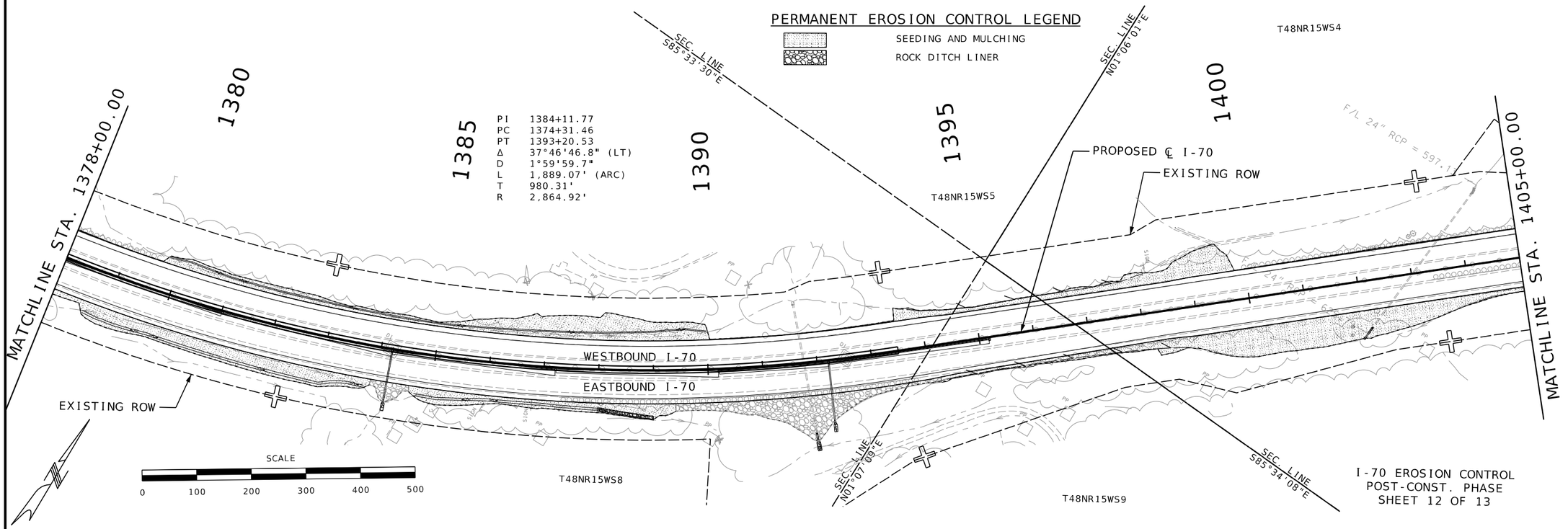
| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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Certificate of Authority No.: 000165

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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

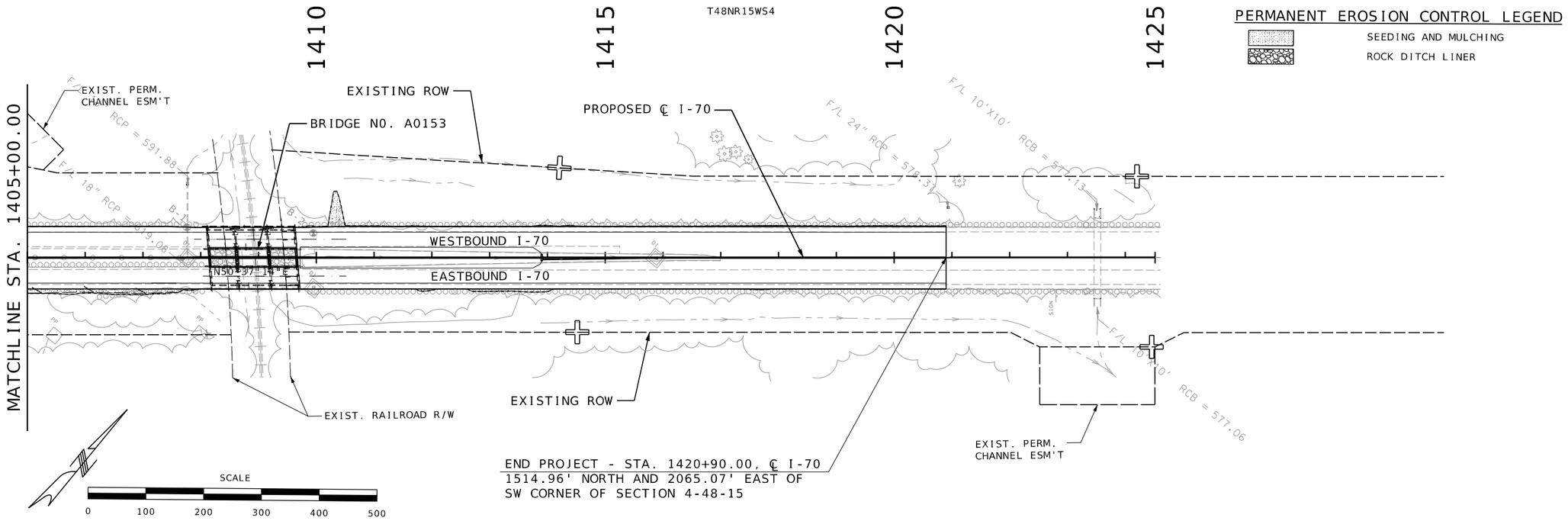
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

| DATE PREPARED | |
|---|---|
| 10/27/2025 | |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 249 |
| COUNTY | |
| COOPER | |
| JOB NO. | |
| JST0017B | |
| CONTRACT ID. | |
| - | |
| PROJECT NO. | |
| - | |
| BRIDGE NO. | |
| - | |

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
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(816) 333-9400
Certificate of Authority No.: 000165




PERMANENT EROSION CONTROL LEGEND

SEEDING AND MULCHING

ROCK DITCH LINER

I-70 EROSION CONTROL
POST-CONST. PHASE
SHEET 13 OF 13

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 250 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

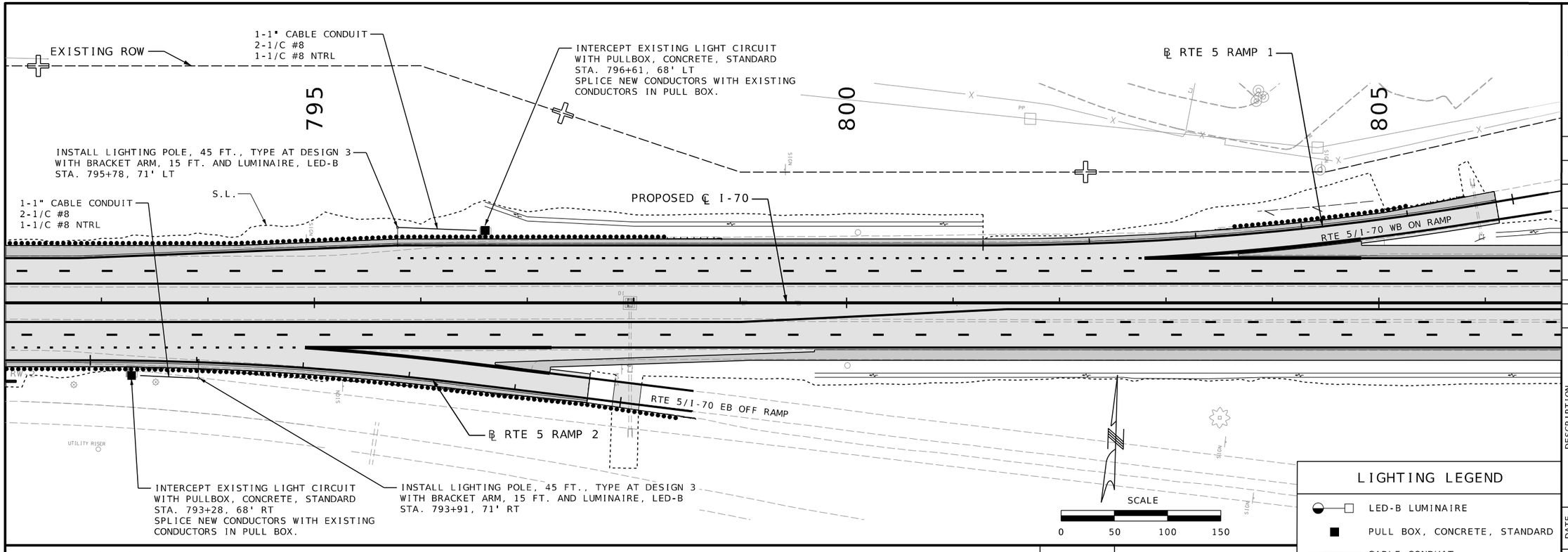
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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Kansas City, MO 64114
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Certificate of Authority
No.: 000165

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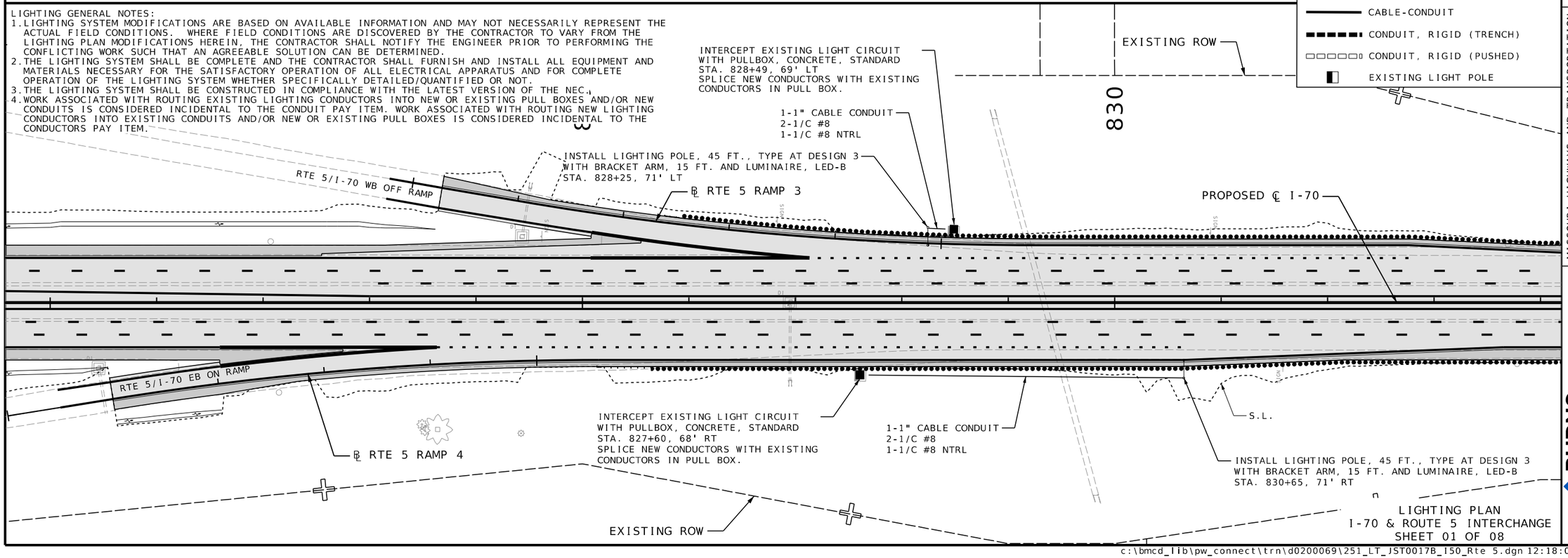



## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE

LIGHTING GENERAL NOTES:

1. LIGHTING SYSTEM MODIFICATIONS ARE BASED ON AVAILABLE INFORMATION AND MAY NOT NECESSARILY REPRESENT THE ACTUAL FIELD CONDITIONS. WHERE FIELD CONDITIONS ARE DISCOVERED BY THE CONTRACTOR TO VARY FROM THE LIGHTING PLAN MODIFICATIONS HEREIN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PERFORMING THE CONFLICTING WORK SUCH THAT AN AGREEABLE SOLUTION CAN BE DETERMINED.
2. THE LIGHTING SYSTEM SHALL BE COMPLETE AND THE CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT AND MATERIALS NECESSARY FOR THE SATISFACTORY OPERATION OF ALL ELECTRICAL APPARATUS AND FOR COMPLETE OPERATION OF THE LIGHTING SYSTEM WHETHER SPECIFICALLY DETAILED/QUANTIFIED OR NOT.
3. THE LIGHTING SYSTEM SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE LATEST VERSION OF THE NEC.
4. WORK ASSOCIATED WITH ROUTING EXISTING LIGHTING CONDUCTORS INTO NEW OR EXISTING PULL BOXES AND/OR NEW CONDUITS IS CONSIDERED INCIDENTAL TO THE CONDUIT PAY ITEM. WORK ASSOCIATED WITH ROUTING NEW LIGHTING CONDUCTORS INTO EXISTING CONDUITS AND/OR NEW OR EXISTING PULL BOXES IS CONSIDERED INCIDENTAL TO THE CONDUCTORS PAY ITEM.




STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 251 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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BURNS McDONNELL
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Certificate of Authority
No.: 000165

LIGHTING PLAN
I-70 & ROUTE 5 INTERCHANGE
SHEET 01 OF 08

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INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 886+73, 71' LT

INTERCEPT EXISTING LIGHT CIRCUIT
WITH PULLBOX, CONCRETE, STANDARD
STA. 888+69, 68' LT
SPLICE NEW CONDUCTORS WITH EXISTING
CONDUCTORS IN PULL BOX.

885 890 895

EXISTING ROW

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

℄ RTE B RAMP 1

PROPOSED ℄ I-70

S.L.

RTE B/I-70 WB ON RAMP

℄ RTE B RAMP 2

RTE B/I-70 EB OFF RAMP

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 894+15, 71' RT

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INTERCEPT EXISTING LIGHT CIRCUIT
WITH PULLBOX, CONCRETE, STANDARD
STA. 894+81, 73' RT
SPLICE NEW CONDUCTORS WITH EXISTING
CONDUCTORS IN PULL BOX.

EXISTING ROW

SCALE
0 50 100 150

## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE

℄ RTE B RAMP 3

INTERCEPT EXISTING LIGHT CIRCUIT
WITH PULLBOX, CONCRETE, STANDARD
STA. 915+82, 76' LT
SPLICE NEW CONDUCTORS WITH EXISTING
CONDUCTORS IN PULL BOX.

915 920 925

EXISTING ROW

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 917+73, 71' LT

S.L.

PROPOSED ℄ I-70

POT STA. 925+00.00

RTE B/I-70 WB OFF RAMP

RTE B/I-70 EB ON RAMP

S.L.

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 922+13, 71' RT

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INTERCEPT EXISTING LIGHT CIRCUIT
WITH PULLBOX, CONCRETE, STANDARD
STA. 920+99, 68' RT
SPLICE NEW CONDUCTORS WITH EXISTIN
CONDUCTORS IN PULL BOX.

℄ RTE B RAMP 4

LIGHTING PLAN
I-70 & ROUTE B INTERCHANGE
SHEET 02 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 252 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165

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EXISTING ROW

930

935

10

940

INSTALL PULLBOX, CONCRETE, STANDARD
STA. 941+82, 174' LT

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

℄ REST AREA WB RAMP 1

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 938+45, 71' LT

S.L.

PROPOSED ℄ I-70

REST AREA/I-70 WB ON RAMP

MATCHLINE STA. 944+00.00

S.L.

RTE U

EXISTING ROW

SCALE
0 50 100 150

## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INSTALL PULLBOX, CONCRETE, STANDARD
STA. 949+45, 171' LT

945

950

10

EXISTING ROW

955

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

℄ REST AREA WB RAMP 3

INSTALL LIGHTING POLE, 45 FT.,
TYPE AT DESIGN 3 WITH
BRACKET ARM, 15 FT.
AND LUMINAIRE, LED-B
STA. 955+91, 71' LT

PROPOSED ℄ I-70

S.L.

REST AREA/I-70 WB OFF RAMP

MATCHLINE STA. 944+00.00

MATCHLINE STA. 958+00.00

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

S.L.

REST AREA/I-70 EB OFF RAMP

℄ REST AREA EB RAMP 2

RTE U

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 945+65, 71' RT

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INSTALL PULLBOX, CONCRETE, STANDARD
STA. 950+42, 176' RT

EXISTING ROW

LIGHTING PLAN
I-70 & EB/WB REST AREAS
SHEET 03 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 253 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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9400 Ward Parkway
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No.: 000165

EXISTING ROW

960 965 970

MATCHLINE STA. 958+00.00

MATCHLINE STA. 972+00.00

PROPOSED ℄ I-70

S.L.

N88°25'18"E

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

REST AREA/I-70 EB ON RAMP

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

S.L.

INSTALL STANDARD
CONCRETE PULL BOX
STA. 961+10
168' RT

℄ REST AREA EB RAMP 4

EXISTING ROW

SCALE
0 50 100 150

## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE

EXISTING ROW

ACTIVE PIPE TRENCHING
AND INSTALLATION

975 980 985

MATCHLINE STA. 972+00.00

S.L.

PROPOSED ℄ I-70

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3
WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B
STA. 976+71, 66' RT

S.L.

EXISTING ROW

LIGHTING PLAN
I-70 & EB/WB REST AREAS
SHEET 04 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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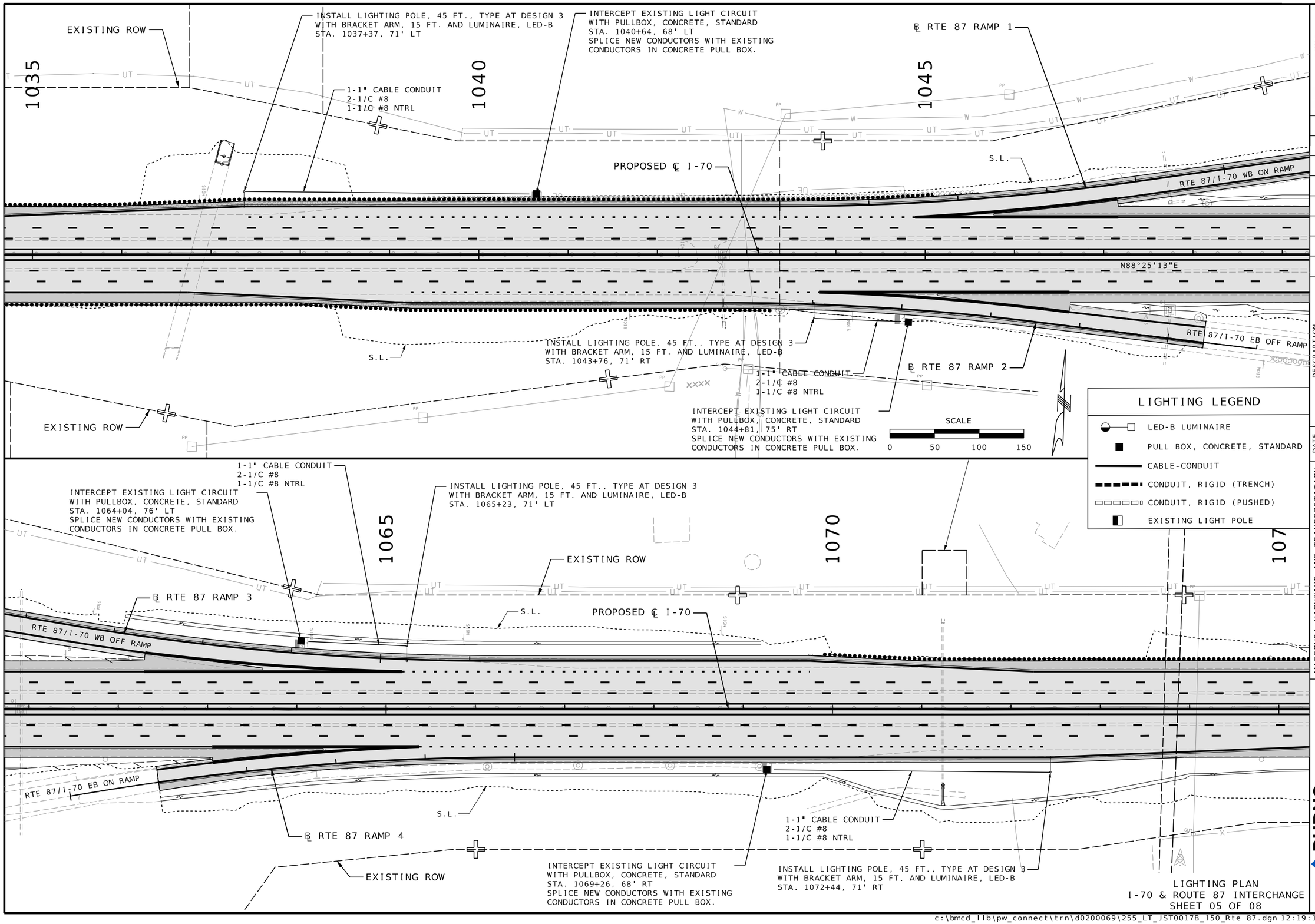
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|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 254 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
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STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 255 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
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Certificate of Authority
No.: 000165

LIGHTING PLAN
I-70 & ROUTE 87 INTERCHANGE
SHEET 05 OF 08

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EXISTING ROW

1305

1310

1315

℄ RTE 179 RAMP 1

S.L.

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3 WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B STA. 1306+61, 71' LT

PROPOSED ℄ I-70

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

RTE 179/I-70 WB ON RAMP

MATCHLINE STA. 1318+00.00

RTE 179/I-70 EB OFF RAMP

S.L.

INSTALL LIGHTING POLE, 45 FT., TYPE AT DESIGN 3 WITH BRACKET ARM, 15 FT. AND LUMINAIRE, LED-B STA. 1312+91, 71' RT

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

℄ RTE 179 RAMP 2

EXISTING ROW

SCALE
0 50 100 150

## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE
- CONTROLLER, LIGHTING

EXISTING ROW

1320

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

RTE 179/I-70 WB ON RAMP

INSTALL PULLBOX, CONCRETE, STANDARD STA. 1321+97 229' LT

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

RTE 179

1325

INSTALL PULLBOX, CONCRETE, STANDARD STA. 1323+69 221' LT

EXISTING ROW

EXIST. PERM
CHANNEL EST

MATCHLINE RTE 179 A

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

℄ RTE 179 RAMP 3

RTE 179/I-70 WB OFF RAMP

MATCHLINE STA. 1318+00.00

S.L.

PROPOSED ℄ I-70

MATCHLINE STA. 1332+00.00

RTE 179/I-70 EB OFF RAMP

S.L.

MATCHLINE RTE 179 B

INSTALL PULLBOX, CONCRETE, STANDARD STA. 1324+10 227' RT

3" CONDUIT
1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

INSTALL PULLBOX, CONCRETE, STANDARD STA. 1325+47 225' RT

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

RTE 179/I-70 EB ON RAMP

℄ RTE 179 RAMP 4

1-1" CABLE CONDUIT
2-1/C #8
1-1/C #8 NTRL

EXISTING ROW

EXISTING ROW

LIGHTING PLAN
I-70 & ROUTE 179 INTERCHANGE
SHEET 06 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 256 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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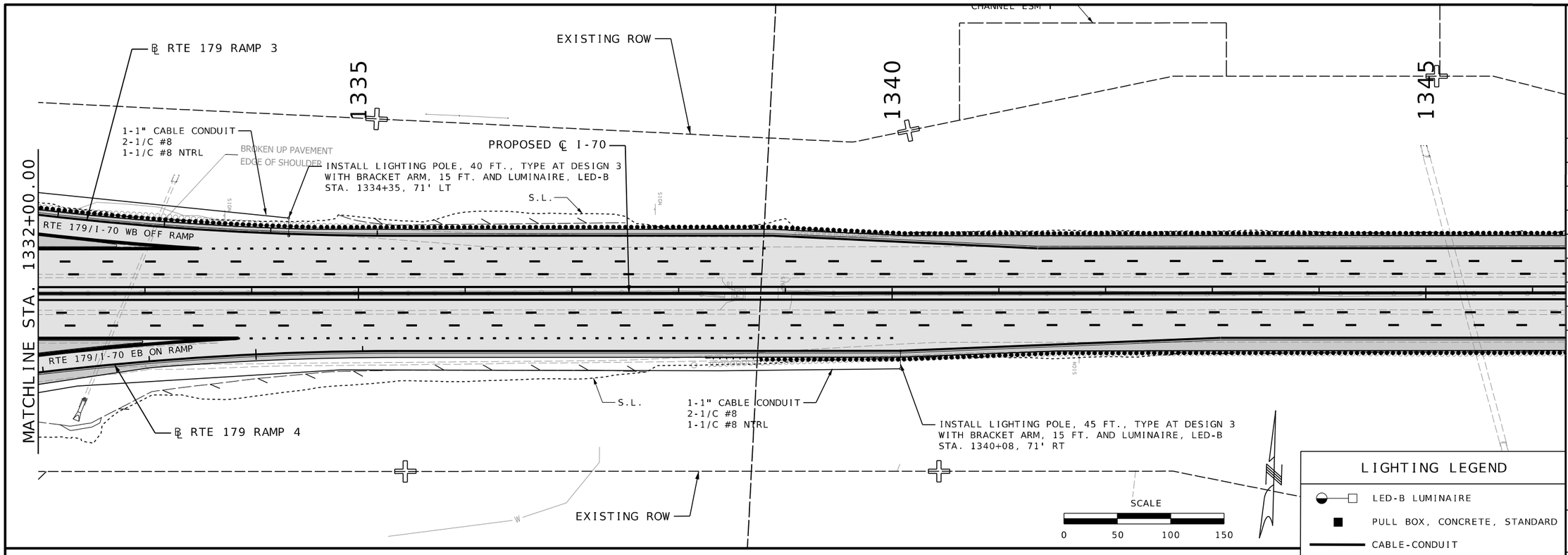
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority
No.: 000165




## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE
- CONTROLLER, LIGHTING

LIGHTING PLAN
I-70 & ROUTE 179 INTERCHANGE
SHEET 07 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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DATE PREPARED: 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 257 |

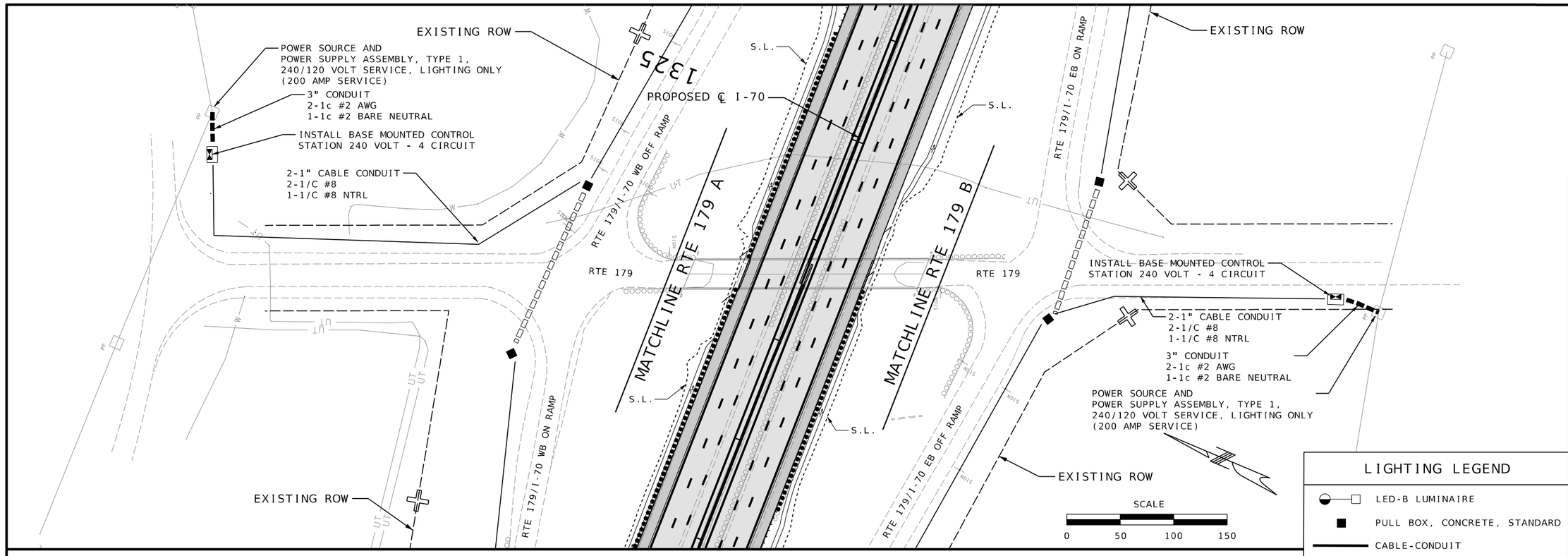
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Certificate of Authority No.: 000165

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## LIGHTING LEGEND

- LED-B LUMINAIRE
- PULL BOX, CONCRETE, STANDARD
- CABLE-CONDUIT
- CONDUIT, RIGID (TRENCH)
- CONDUIT, RIGID (PUSHED)
- EXISTING LIGHT POLE
- CONTROLLER, LIGHTING

LIGHTING PLAN
I-70 & ROUTE 179 INTERCHANGE
SHEET 08 OF 08

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 258 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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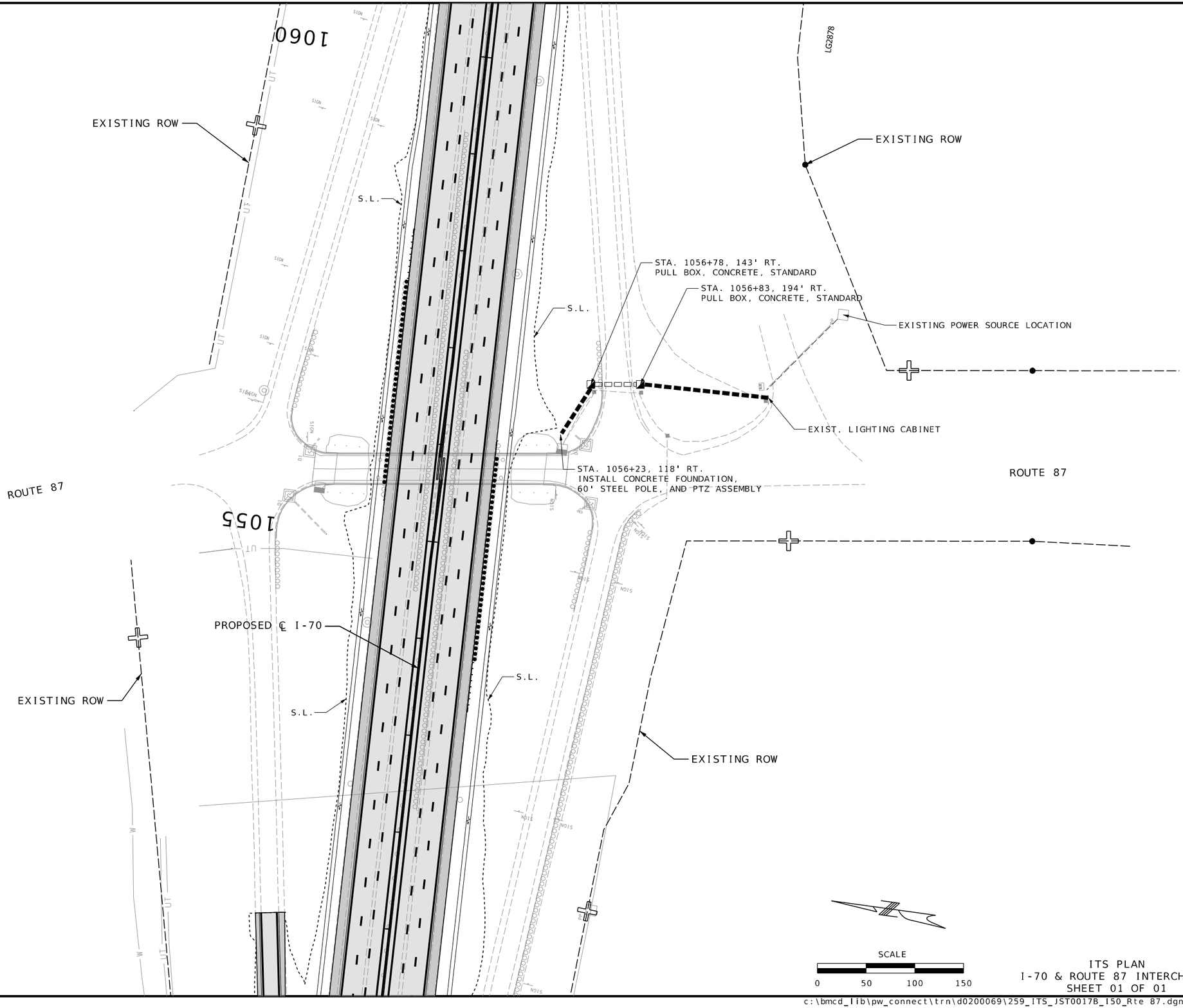
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 259 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

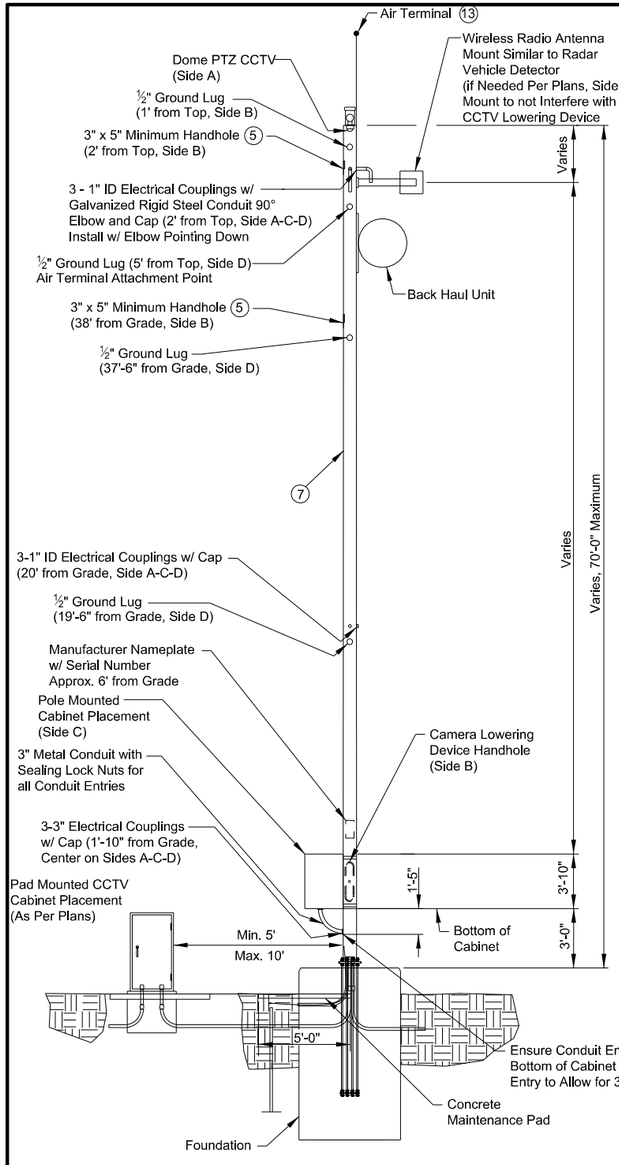
| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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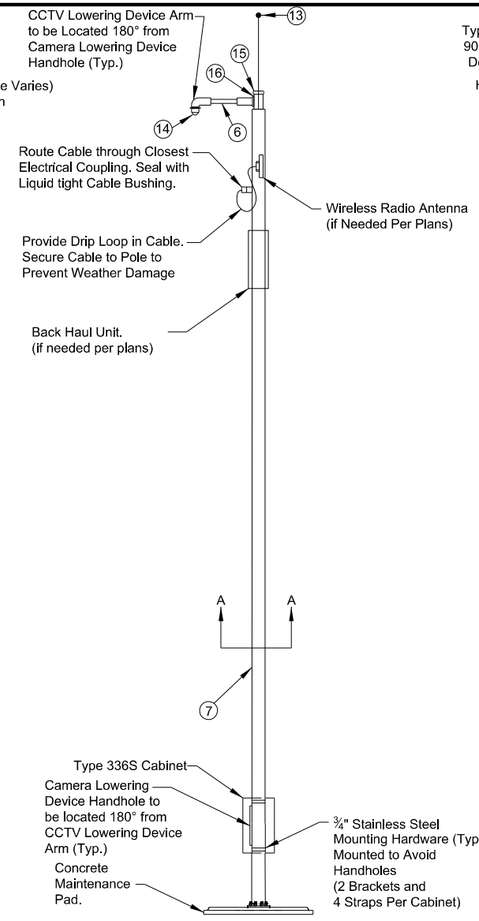
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(816) 333-9400
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ITS PLAN
I-70 & ROUTE 87 INTERCHANGE
SHEET 01 OF 01

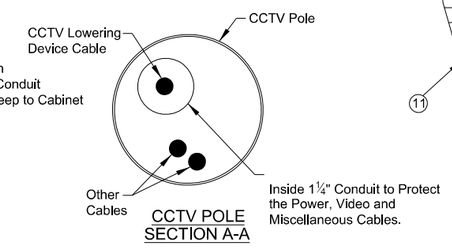
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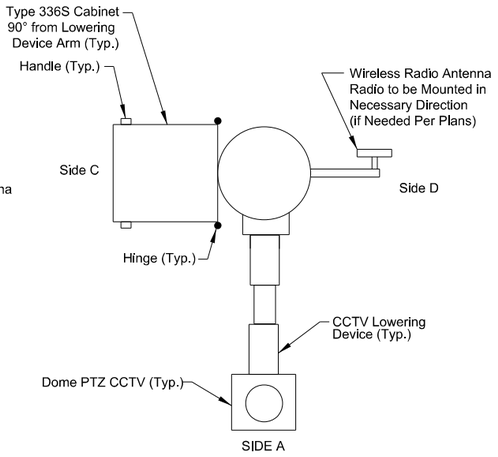

CABINET/CCTV/ANTENNA MOUNTING DETAIL




CABINET/CCTV/ANTENNA DETAIL LOOKING AT SIDE D

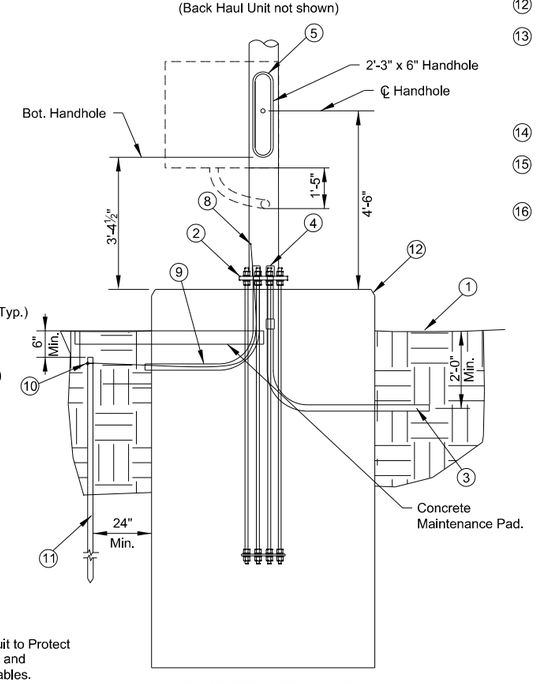



CCTV POLE SECTION A-A




CABINET/CCTV/ANTENNA DETAIL (TOP VIEW)

(Back Haul Unit not shown)




CABINET/CCTV POLE GROUNDING DETAIL

## NOTES:

1. Finished grade -slope away from pole or foundation.
2. Concrete foundation.
3. See plans for conduit size and quantity.
4. Conduit end bell. Conduit shall project a minimum of 2 in and a maximum of 4 in above bottom of base plate.
5. 2'-3" handhole shall have a hinged cover. Manufacturer shall verify handholes meet the maximum opening and detail requirements of chapter 5 and chapter 11 of the design specifications. Fatigue design of handholes shall be in accordance with chapter 11 of the design specifications.
6. Provide and install CCTV dome camera housing and lowering device as called for on plans and the equipment specifications. Coordinate all lowering device hardware requirements including tenon, tenon mounting plates, etc. with lowering device manufacturer.
7. CCTV pole. Height as indicated on plans. Galvanize bolts, nuts, and washers in accordance with ASTM A153. All other steel, including plate washers, hot-dip galvanize in accordance with ASTM A123.
8. Grounding lug, connection grounding conductor to pole and bushings. Clean galvanization from ground lug area.
9. Provide a minimum No. 2 copper grounding conductor from pole to grounding rod(s).
10. Connection to grounding rod(s) shall be exothermic.
11. Provide grounding rod(s). Refer to equipment specifications for additional requirements.
12. Foundation height above finished grade should be 6 in. min. Expose 1'-0" at CL of shaft.
13. Provide and install air terminal and attach to pole ground wire. Air terminal shall be a minimum of 5 ft length above top of pole and 5 ft length attached to pole (total length of 10 ft) and shall be located and sized to adhere to the 150 ft radius rolling sphere model as described in NFPA 780. Provide a No. 2 copper grounding conductor from air terminal to grounding lug at base of pole if pole thickness is less than $\frac{3}{16}$ in. per NFPA 780.
14. Provide and install drip shield according to the specifications.
15. Pole top junction box with removable pole cap secured with stainless steel bolts. Bond metal pole cap and CCTV mounting frame to the lightning protection system using a No. 6 copper bonding conductor.
16. Contractor to provide cable strain relief device if not provided by lowering device supplier.

## STRUCTURAL NOTES:

1. Design specifications: AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 1st Edition and interim revisions.
2. Design Loads:
   All Cases:
   Directionality Factor Kd = Per table 3.8.5-1
   Height and Exposure Factor: $K_z = 1.0$ for $Z < 33'\text{-}0"$, $K_z = 2.01\left(\frac{Z}{Z_g}\right)^{\frac{2}{\alpha}}$
   Ice load is not required
   Extreme Event I:
   Basic Wind Speed = 120 MPH (1700-year MRI)
   Gust Effect Factor G = 1.14
   Fatigue I: High-Mast Lighting Tower Fatigue (Not required for poles less than 55' tall)
   Pressure Range - $P_{CW} = 7.2G_d$ psf (Importance Category I)

   Service Deflection:
   1" maximum pole deflection at pole top
   Basic Wind Speed = 30 MPH
   Gust Effect Factor G = 1.0
3. Materials:
   Pole: ASTM A595 Grade 55 or ASTM A572, See ITS Specification 12.2.3
   Plates: ASTM A36
   Bolts: ASTM F3125, Grade A325
   The exact location of all equipment shall be verified in the field with the Engineer prior to installation.

## DESIGN LOADING:

| Device | Number | Weight Per Each (Lbs) | EPA Per Each (Sq. Ft.) | Mounting Height (Ft) | Horizontal Distance To Centroid from Pole Center (Ft) |
|---|---|---|---|---|---|
| Air Terminal | 1 | 25 | 0.30 | Top of Pole +2.50 | 0.00 |
| PTZ CCTV with Lowering Device | 2 | 130 | 3.00 | Top of Pole | 2.50 |
| Wireless Radio Antenna | 2 | 20 | 1.70** | Top of Pole - 3 | 1.00 |
| Back Haul Unit | 1 | 90 | 9.60 | Top of Pole - 5 | 2.00 |
| PTZ CCTV | 1 | 15 | 1.17* | 25 | 2.00 |
| 336S Cabinet (w/ Equipment) | 1 | 280 | 14.17** | 4.92 | 2.50 |
| | | | | | |

* EPA based on a drag coefficient of 1.3
** EPA based on a drag coefficient of 1.7

Do not reduce wind load in design for multiple installations.
Design pole for maximum load shown unless project specific loading exceeds loading shown. Orient equipment shown to create the worst case design scenario. Include 2 lbs/ft of pole additional weight for cabling.

## STRUCTURAL NOTES (CONT.):

4. Pole dimensions not shown shall be as determined by the manufacturer. Submit shop drawings and design calculations, including weld details, referencing approved weld procedures. All welding shall be in accordance with AWS D1.1 (latest version), Missouri Department of Transportation Standard Specifications for Highway Construction, Latest Edition, and AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals; 1st Edition and interim revisions. If handhole reinforcing or weld backing rings are not made from a solid, splice locations adjoining ends of bent bars shall use CJP splices. The pole base shall have a CJP weld at the base plate with backing ring. Design calculations and shop drawings shall be sealed by a professional engineer licensed in the state of Missouri and shall be approved in writing by the Engineer prior to ordering materials.
5. All poles shall include 8 anchor bolts.

## GENERAL NOTES:

1. Camera lowering device handhole is the be installed 180° from the CCTV lowering device arm. Pole mounted cabinet is to be installed 90° from the CCTV lowering device arm (typ.).

ITS DETAILS SHEET
SHEET 01 OF 02

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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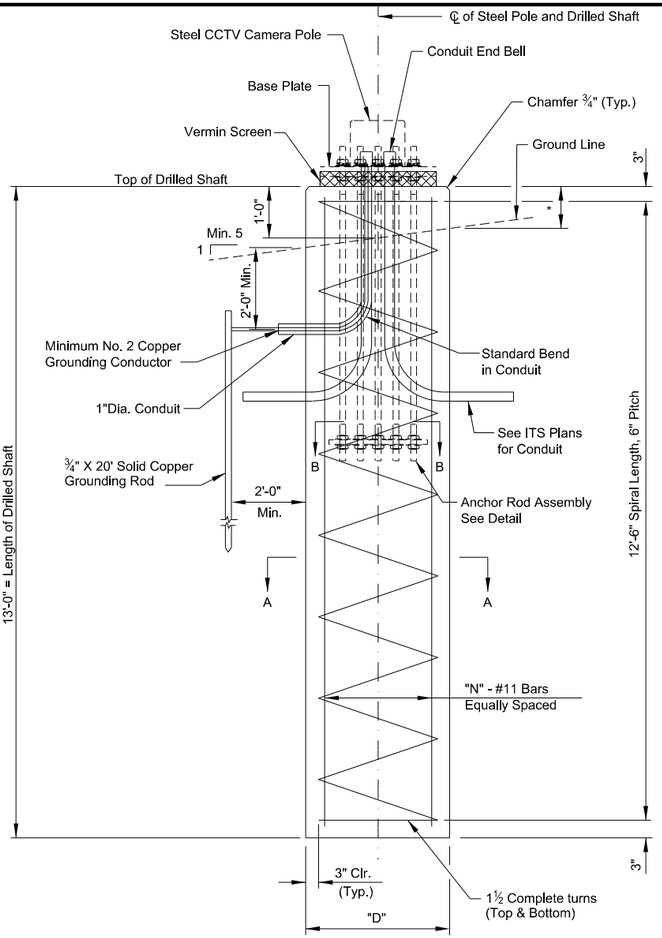
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|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 260 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
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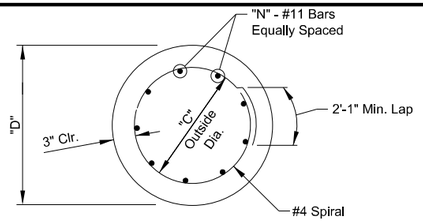
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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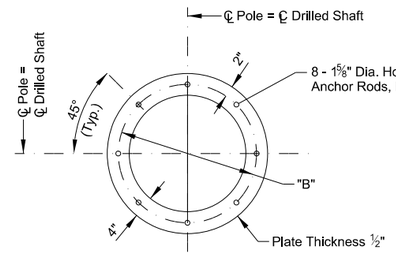



CCTV POLE CONCRETE DRILLED SHAFT FOUNDATION DETAIL

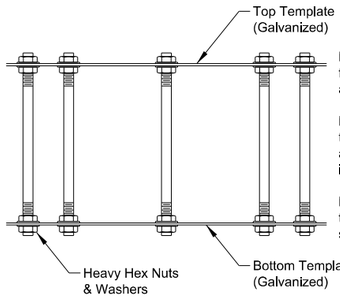
*Min. 6" Above Ground Line (Typ. Around Entire Perimeter of Shaft) Expose 1'-0" at CL of Shaft




SECTION A-A




SECTION B-B
(Anchor Rod Template)

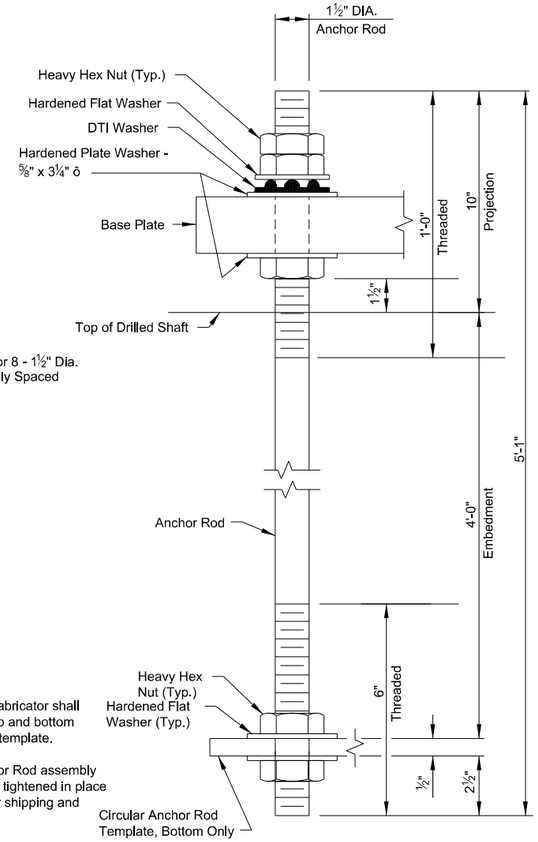



Note: The fabricator shall furnish a top and bottom anchor rod template.

Note: Anchor Rod assembly to be rigidly tightened in place as a unit for shipping and installation.

Note: DTIs, plate washer, and top washer will be shipped seperately.

TOP AND BOTTOM TEMPLATE DETAIL
(Not all Anchor Rods shown)




ANCHOR ROD ASSEMBLY DETAIL

## NOTES FOR CCTV POLE FOUNDATIONS:

1. These foundation details shall only be used to support steel cctv poles for the heights specified.
2. Anchor rod nuts shall be tightened in a star pattern. see detail this sheet.
3. Design Specifications:
   AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals". 1st edition and up to 2020 interim specifications.

   2020 AASHTO LRFD Bridge Design Specifications, 9th Edition.
4. Design Loads:
   Foundation is designed for the maximum factored loads at the top of foundation shown in the table. If manufacturer's pole design loading is greater than shown, the foundation plan and design calculations must be submitted to MODOT for review.
5. Materials:
   Concrete (Grade 4.0)(AE) f'c = 4 ksi
   Reinforcing Steel (Grade 60) fy = 60 ksi
   All reinforcing shall conform to ASTM A615

   Anchor Rod Assembly:
   Anchor rods, heavy hex nuts, and hardened washers will adhere to MODOT Standard Specifications. Anchor rods shall be AASHTO M314 Grade 55 and the threads shall be rolled. Anchor rod template shall conform to ASTM A709, Grade 36 steel. Pole manufacturer shall supply all components necessary for anchor rod installation. Plate washers shall conform to ASTM A709, Grade 50.

   All portions of the anchor rod assemblies shall be hot dip galvanized as per ASTM A153.
6. Soils Geotechnical Data
   Cohesionless, C = 0
   Angle of Internal Friction Φ = 20°
   Unit Weight = 120 pcf
   Soil Modulus, k = 35 pci

   Values above are minimum requirements used for the design of foundations. Site specific designs may be performed with a geotechnical investigation and laboratory testing showing higher Φ and C values for the foundation soils.

   Notify the Engineer and ITS Engineer immediately if subsurface conditions are encountered that are weaker than those assumed in design and may require a design change.
7. Anchor Rod Assembly Installation:
   Cast anchor rod assembly in drilled shaft as indicated on the plans.

   Protect and clean all exposed anchor rod threads of debris.

   Lubricate all exposed anchor rod threads and top surface of hardened flat washer (that contacts top nut) with an approved wax.

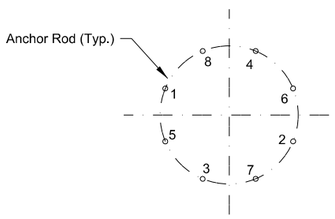
   Install all hardware to support pole baseplate as shown on the plans and tighten assemblies in accordance with MODOT Standard Specifications.

   The top hex nut of the double nuts shown may be substituted by half-height anchor "jam" nuts.
8. Construct drilled shafts according to Drilled Shaft details. Top 2'-0" of concrete shaft shall be formed round.

## NOTES FOR CCTV POLE FOUNDATIONS (CONT):

9. Install a screen that will prevent vermin and debris from entering the gap between the bottom of the base plate and the top of the concrete foundation. Cover the entire gap with a wire screen, the bottom horizontal wire of which shall be in full contact with the surface of the concrete foundation and the top horizontal wire of which shall extend to the bottom of the base plate and not above the top of the base plate. For the screen, use standard grade plain weave galvanized steel wire cloth with ½" x ½" mesh and 0.063 inch diameter wires. Vertical screen wires shall not extend beyond the top and bottom horizontal wires of the screen. Use one continuous section of screen with only one overlapping splice where the ends come together and overlap the layers one full perimeter. Clamp the overlapping splice layers together just above the concrete foundation with an all stainless steel fastener assembly consisting of a machine screw (No. 8, ⅜" long), nut and two flat washers (¼ inch inside diameter) and lock washer. Tightly clamp the screen layers between the flat washers. Attach the screen to the anchor rods with galvanized wire at each anchor rod.

| Site Number | Pole Height (Ft.) |
|---|---|
| 1 | 60' |
| | |
| | |
| | |
| | |




ANCHOR ROD TIGHTENING SEQUENCE
(Star Pattern)

Pole Foundation Data

| Dimensions | | | | Quantities | | | Design Loading | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Height of Steel CCTV Pole (Ft.) | Maximum Diameter of Anchor Rod Circle (In.) | Out to Out Diameter of Spiral (In.) | Diameter of Concrete Shaft Foundation (Ft.) | Number of #11 Bars | Concrete (Cu. Yd.) Per Shaft | Reinforcing Steel (Lbs.) Per Shaft | Shear (kips) | Axial (kips) | Moment Overturning (kip-ft) | Torsion (kip-ft) |
| | "B" | "C" | "D" | "N" | | | | | | |
| Up to 45 | 25.0 | 36 | 3'-6" | 9 | 4.7 | 780 | 3.6 | 3.2 | 111.9 | 5.3 |
| Up to 60 | 30.0 | 42 | 4'-0" | 12 | 6.1 | 1010 | 4.8 | 4.6 | 186.7 | 5.5 |
| Up to 70 | 35.0 | 48 | 4'-6" | 15 | 7.7 | 1240 | 6.2 | 6.2 | 268.2 | 5.7 |

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RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER
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ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 261
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

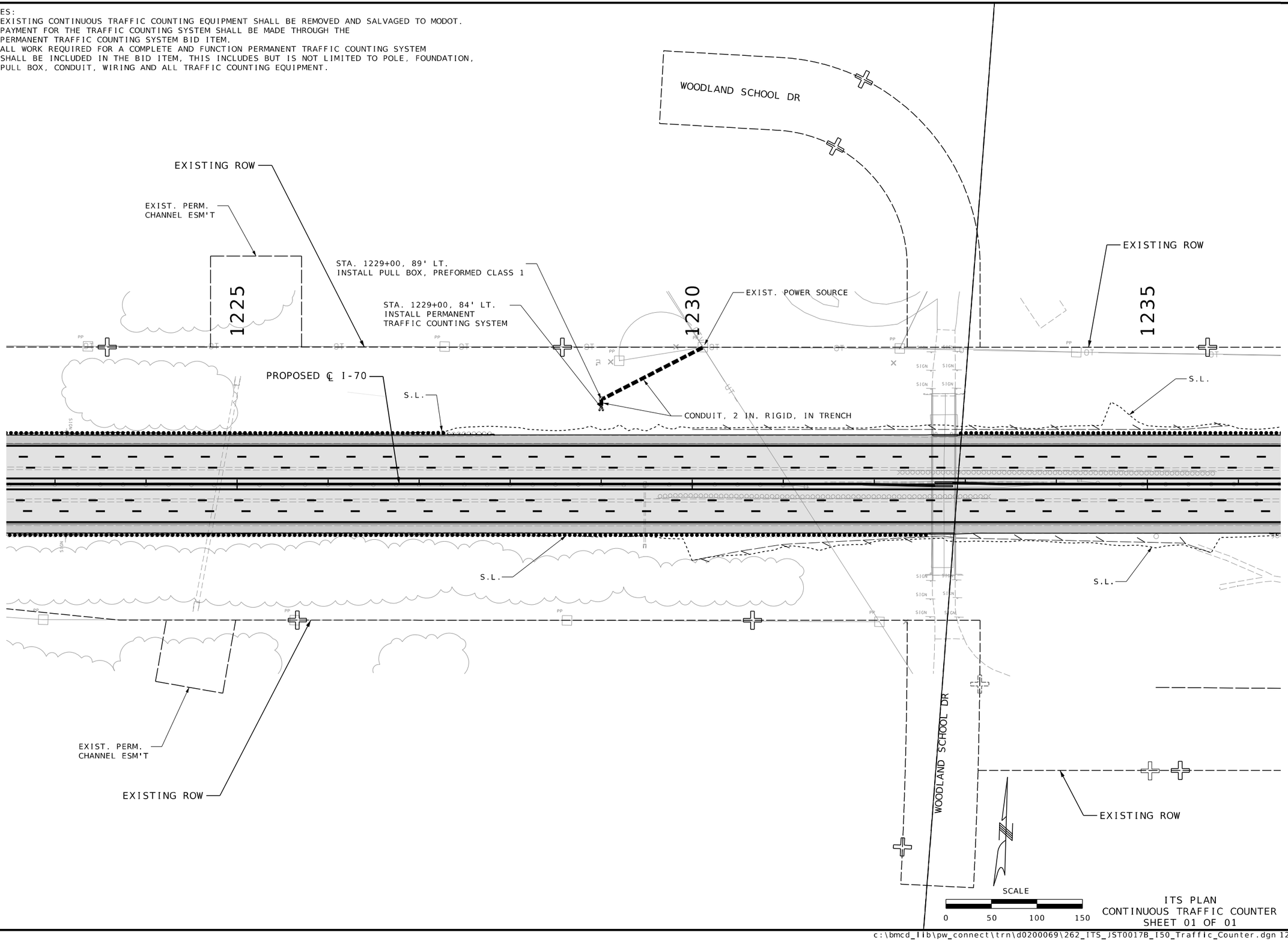
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NOTES:
1) EXISTING CONTINUOUS TRAFFIC COUNTING EQUIPMENT SHALL BE REMOVED AND SALVAGED TO MODOT.
2) PAYMENT FOR THE TRAFFIC COUNTING SYSTEM SHALL BE MADE THROUGH THE PERMANENT TRAFFIC COUNTING SYSTEM BID ITEM.
3) ALL WORK REQUIRED FOR A COMPLETE AND FUNCTION PERMANENT TRAFFIC COUNTING SYSTEM SHALL BE INCLUDED IN THE BID ITEM, THIS INCLUDES BUT IS NOT LIMITED TO POLE, FOUNDATION, PULL BOX, CONDUIT, WIRING AND ALL TRAFFIC COUNTING EQUIPMENT.




ITS PLAN
CONTINUOUS TRAFFIC COUNTER
SHEET 01 OF 01

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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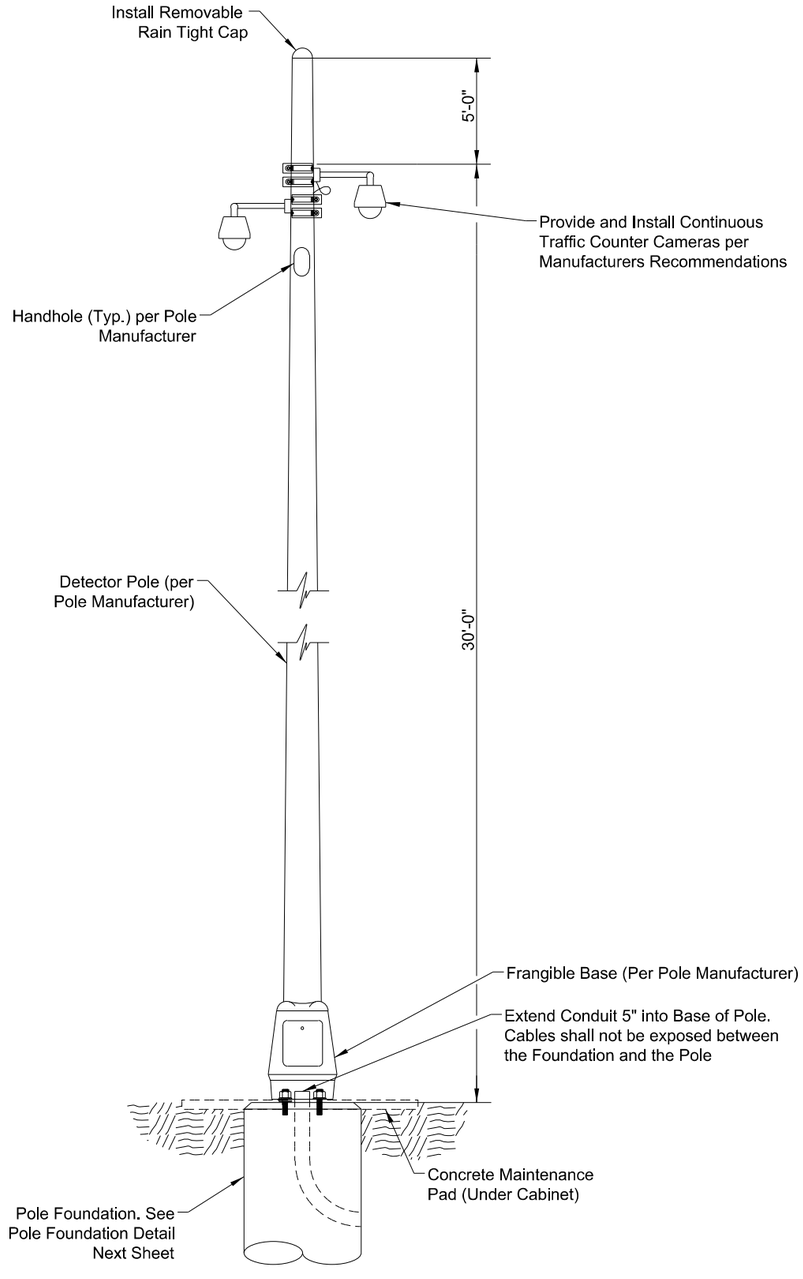
| ROUTE | STATE |
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COUNTY: COOPER
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POLE LOADING & LAYOUT

Pole manufacturer to use the maximum loading and layout above to design pole, frangible pole base, and anchor rods. Device locations and heights shall be installed per manufacturer recommendations. See design loadings for additional information.

Handhole Maximum Opening = 0.40xD
Where D is the tube diameter at the section with the handhole.

GENERAL NOTES:

Contractor shall submit design calculations, shop drawings, and weld details referencing approved welding procedures for Engineer and Department review and approval. Shop drawings and calculations shall be signed and sealed by a Missouri Registered Professional Engineer. Design loading notes and pole loading and layout represent the maximum loading for standard pole and foundation.

All welding shall be in accordance with AWS D1.1 (latest revision), and design specifications shown below.

If hand hole reinforcing or weld backing rings are not made from a solid, splice locations adjoining ends of bent bars shall use CJP splices. Hand holes shall include covers with a 16 gauge minimum thickness. The pole base shall have a CJP weld at the base plate with backing ring.

All high strength bolts, anchor rods (entire length), steel fasteners, and pole hardware (excluding device attachments) shall be hot-dip galvanized to meet the requirements of ASTM A153 Class C.

Maximum mass attached to frangible pole base shall not exceed 992 lbs in accordance with AASHTO LTS-6 Section 12.5.3.

Pole, foundation, and maintenance shall be subsidiary to the Permanent Traffic Counting System bid item.

DESIGN SPECIFICATIONS:

AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals, 6th Edition 2013 with interims through 2022. (AASHTO LTS-6)

DESIGN LOADING:

Wind:
50-yr MRI
Basic Wind Speed = 90 mph
Gust Effect Factor G = 1.14
Deflection -
1" maximum at pole top
Basic Wind Speed = 30 mph
Gust Effect Factor G = 1.0

| DEVICE | NUMBER | WEIGHT (lbs) | EPA (sq. ft.) | MOUNTING HEIGHT (FT) |
|---|---|---|---|---|
| Camera | 2 | 15 | 1.17 * | 30 |
| Detector | 2 | 10 | 1.30 * | 30 |
| Cabinet (w/ equipment) | 1 | 280 | 14.17 ** | 5 |

* EPA based on a drag coefficient of 1.3
** EPA based on a drag coefficient of 1.7

No reduction in wind load for multiple installation is considered in design

UNIT STRESSES:

| | |
|---|---|
| Concrete (Grade 4.0) | f'c = 4,000 psi |
| Reinforcing Steel (ASTM A615, Grade 60) | Fy = 60,000 psi |
| Anchor Rod (ASTM F1554, Grade 55) | Fy = 55,000 psi |
| Pole (ASTM 595 or A572) | Fy = 55,000 psi |
| Base Plate (ASTM A 709, Grade 36) | Fy = 36,000 psi |

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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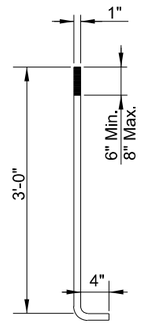
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ITS PLAN
CONTINUOUS TRAFFIC COUNTER
POLE DETAILS SHEET
SHEET 01 OF 02

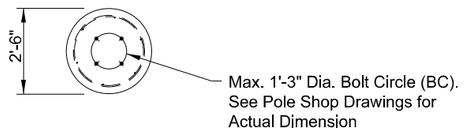
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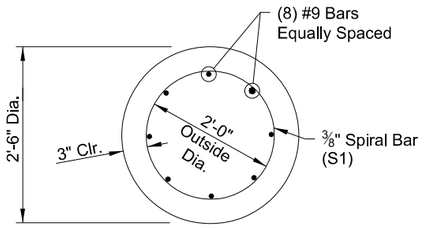

## ANCHOR ROD DETAIL

Pole manufacturer to design and detail. See general notes.

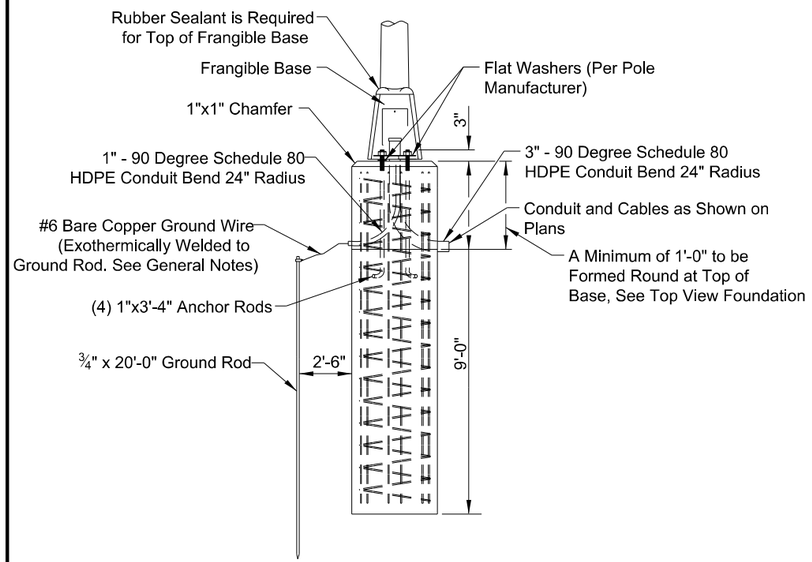
Template shall be provided by pole manufacturer for proper placement of anchor rods.



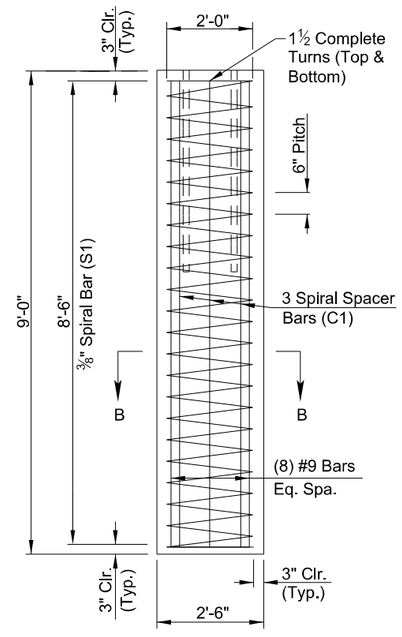

## TOP VIEW FOUNDATION




## SECTION B-B




## FOUNDATION DETAIL




## DRILLED SHAFT ELEVATION

GENERAL NOTES:

Anchor rods shall adhere to MODOT Standard Specification 712 (Grade 55). Nuts and washers shall be compatible with the selected rod.

Grounding: Pole shall be grounded by means of a No. 6 AWG solid bare copper ground wire bolted to the inside of the ITS detector pole with a 1½" grounding nut. Ground wire shall be connected to the solid copper or copper-clad steel ground rod by means of a ground rod clamp with an exothermic connection.

All cable splices to be made in frangible base.

DESIGNED FOUNDATION LOADING:

Foundation is designed per AASHTO LTS-6 for the maximum loads at top of foundation shown below:

Shear = 0.8 k
Axial = 1.0 k
Moment (Overturning) = 13.3 k-ft
Moment (Torsion) = 0.50 k-ft

If manufacturer pole design loading is greater than shown above, the foundation plan and design calculation must be submitted to KDOT for review.

SOIL GEOTECHNICAL DATA:

Φ = 20°
c = 0 psf
Unit Weight = 100 pcf

Values above are minimum requirements used for the design of foundation shown on this sheet. Site specific designs may be performed with a geotechnical investigation and laboratory testing showing higher Φ and c values for the foundation soils.

Notify the Engineer immediately if subsurface conditions are encountered weaker than those shown in the design.

STATE OF MISSOURI
RONNIE L. WILLIAMS
NUMBER PE-2010000879
PROFESSIONAL ENGINEER

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ITS PLAN
CONTINUOUS TRAFFIC COUNTER
POLE FOUNDATION DETAILS SHEET
SHEET 02 OF 02

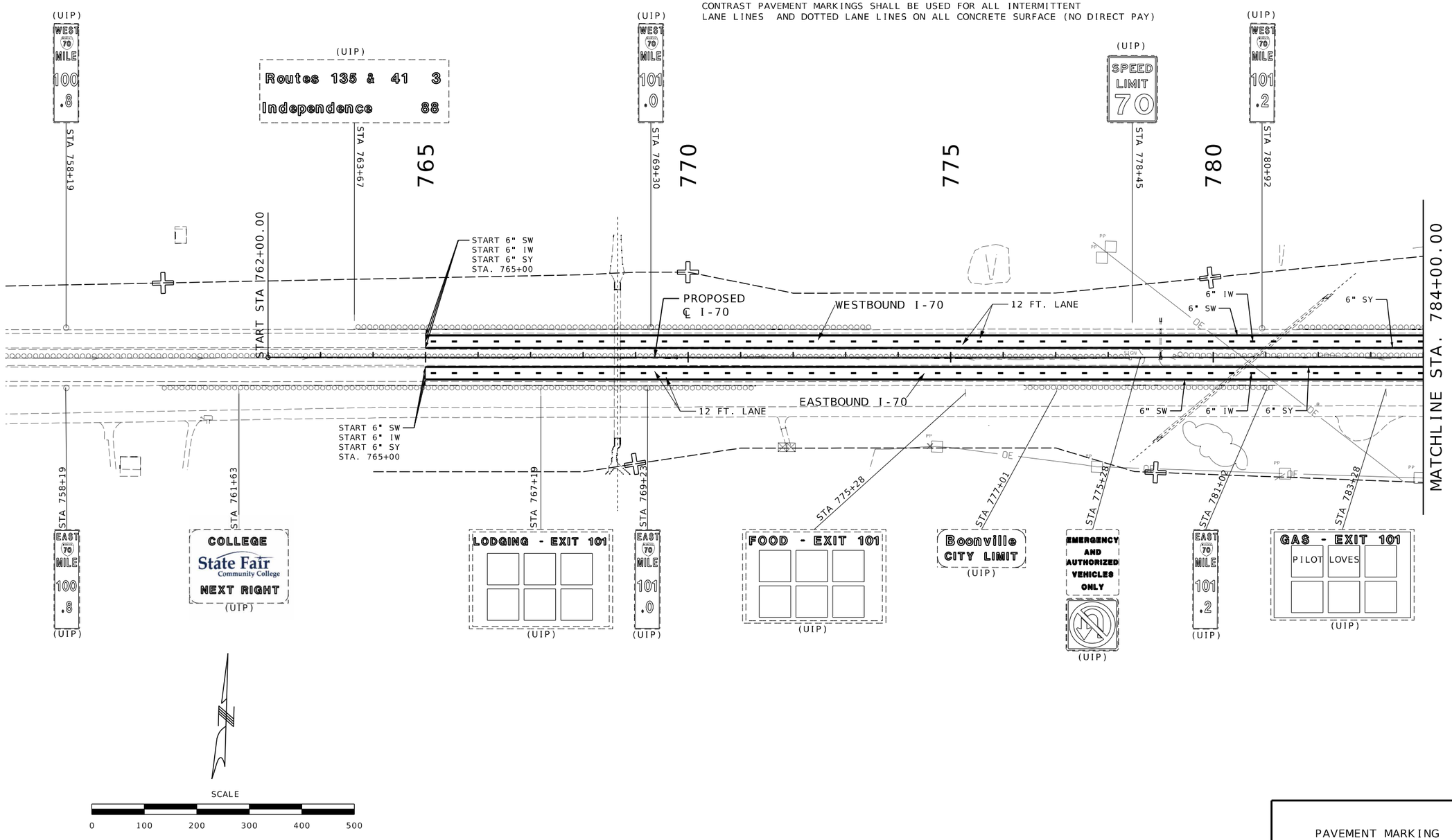
STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACE (NO DIRECT PAY)

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Nicholas Michael Correnti - Civil
MO PE-2010000809

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Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
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## DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

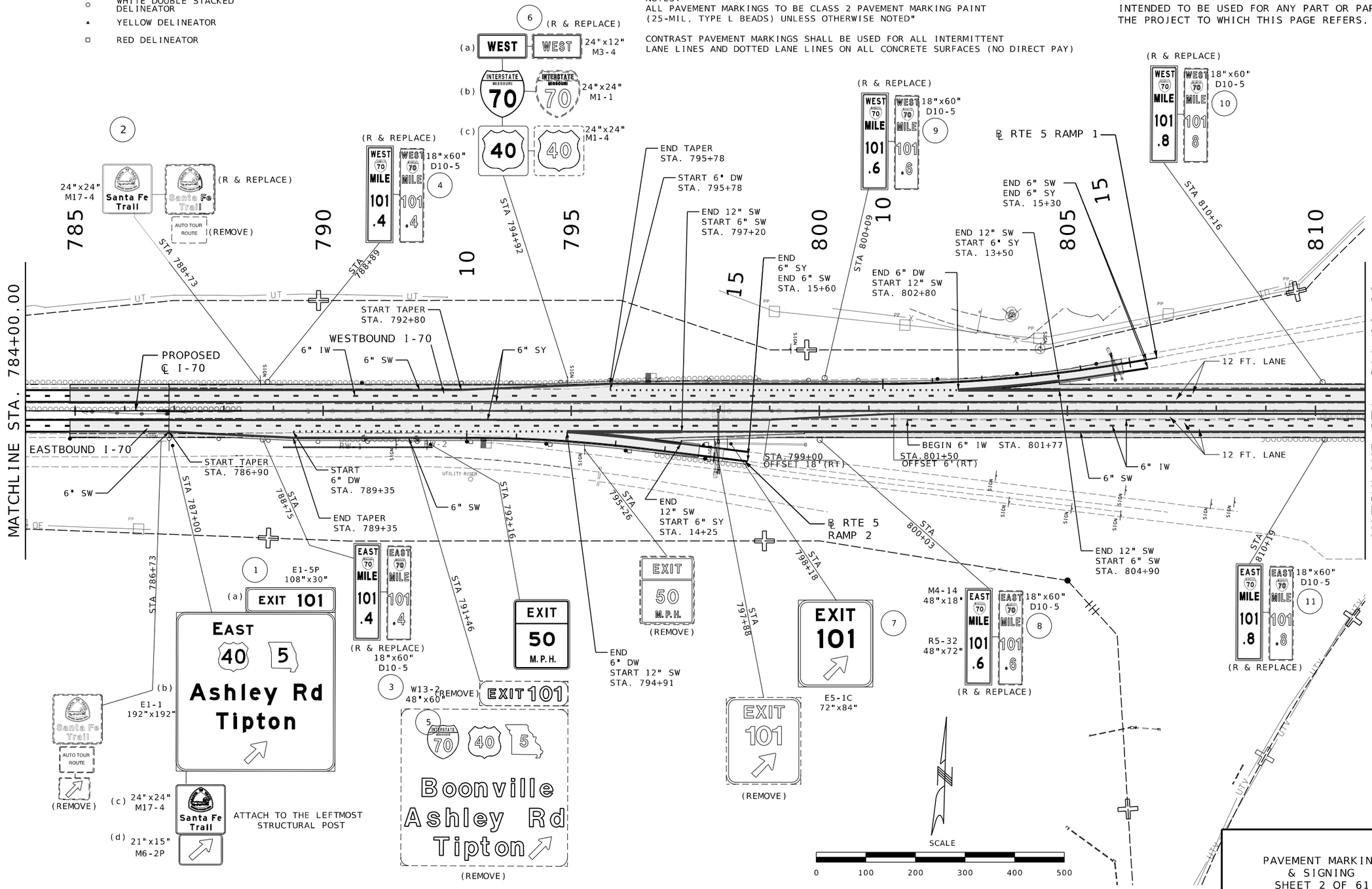
## STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
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- 12" SOLID WHITE (SW)
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MO PE-2010000809

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| CD | 266 |

COUNTY: COOPER
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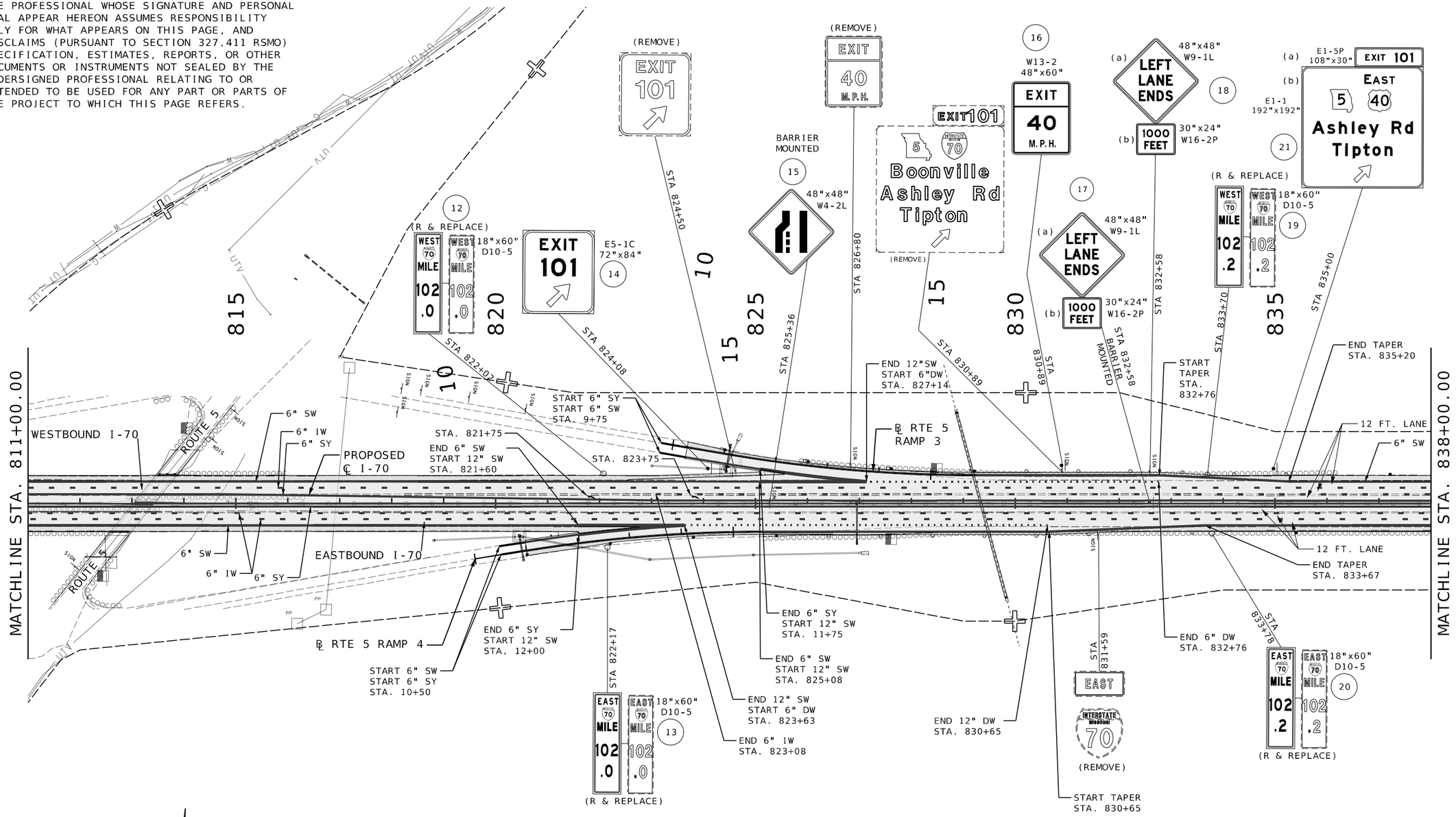
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SCALE
0 100 200 300 400 500

STRIPING LEGEND

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- 6" SOLID WHITE (SW)
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- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY)

PAVEMENT MARKING & SIGNING
SHEET 3 OF 61

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MO PE-2010000809

DATE PREPARED 10/27/2025

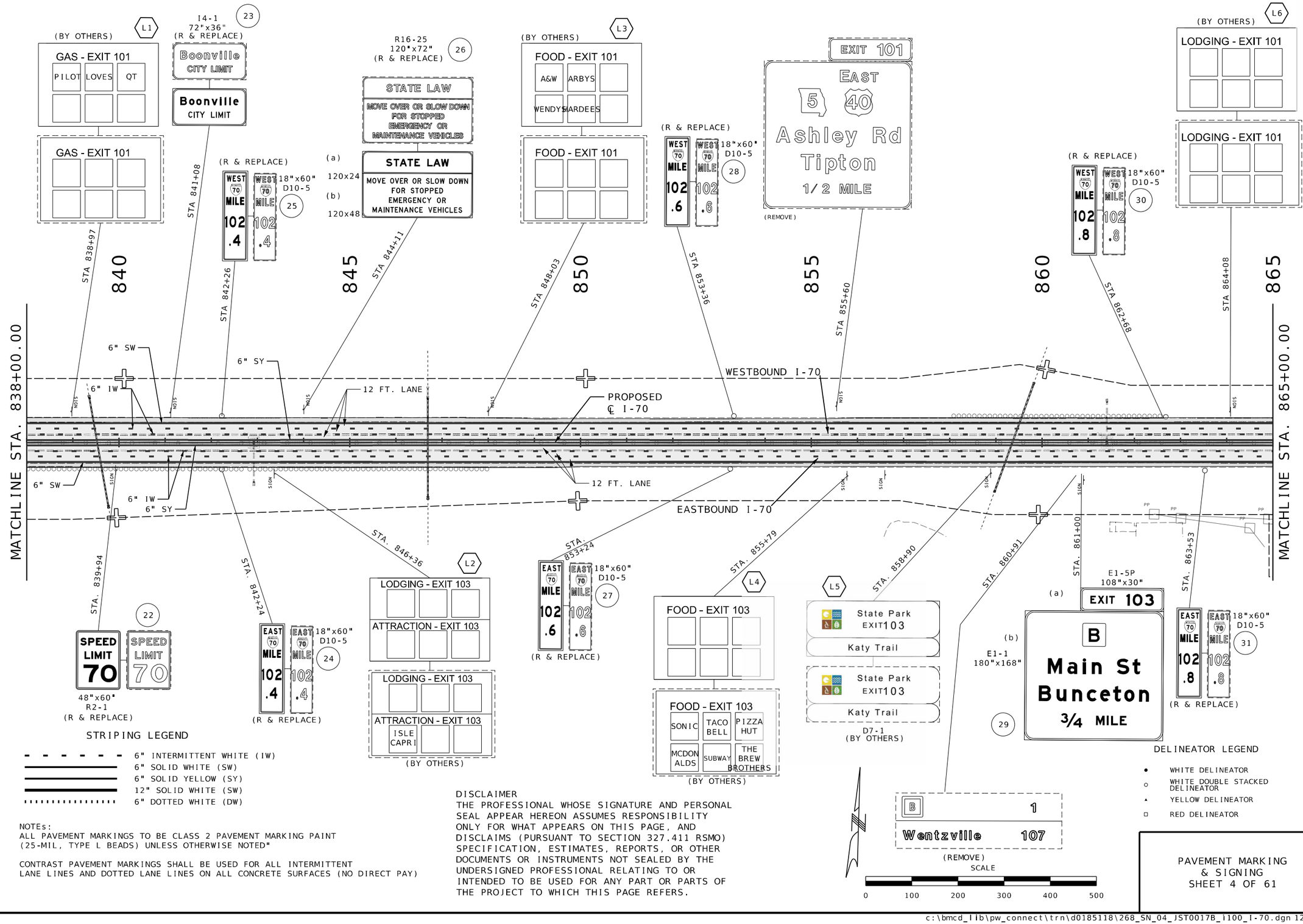
| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 267 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578




STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTEs:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY)

DISCLAIMER
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DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

PAVEMENT MARKING & SIGNING
SHEET 4 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 268 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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STRIPING LEGEND

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
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JCT ROUTE 5 1
BLUE SPRINGS 82
(REMOVE)

(a) EXIT 101 E1-5P 108"x30"
(b) EAST 5 40 Ashley Rd Tipton 3/4 MILE E1-1 192"x192"
32

STA 868+97
STA 869+00
STA 871+65
STA 874+80
STA 874+86
STA 876+95
STA 881+97
STA 883+90
STA 885+15
STA 885+19
STA 886+73
STA 886+83
STA 887+00
STA 887+57
STA 889+65
STA 891+23
STA 891+84

(R & REPLACE) WEST 70 MILE 103 .0 / WEST 70 MILE 103 .0 18"x60" D10-5 34

48"x60" R2-1 (R & REPLACE) SPEED LIMIT 70 / SPEED LIMIT 70 35

(R & REPLACE) WEST 70 MILE 103 .2 / WEST 70 MILE 103 .2 18"x60" D10-5 37

(REMOVE) WEST INTERSTATE 70

R16-29 120"x60" (R & REPLACE)
STATE LAW
STRIKE A WORKER
$10,000 FINE
LOSE YOUR LICENSE

STATE LAW
STRIKE A WORKER
$10,000 FINE
LOSE YOUR LICENSE
39

(a) 120x24
(b) 120x36

865 870 875 880 885 890

STA. 865+00.00
STA. 892+00.00
MATCHLINE STA
MATCHLINE STA

WESTBOUND I-70
EASTBOUND I-70
PROPOSED ℄ I-70
12 FT. LANE
6" SW
6" IW
6" SY
6" DW

START TAPER STA. 883+90
END TAPER STA. 886+73
START 6" DW STA. 886+73
START TAPER STA. 887+00
END TAPER STA. 889+65
START 6" DW STA. 889+65

EXIT 103
B
Boonville
Main St
Bunceton
1/2 MILE
(REMOVE)

(R & REPLACE) EAST 70 MILE 103 .0 / EAST 70 MILE 103 .0 18"x60" D10-5 33

GAS - EXIT 103
BREAK TIME | MURPHY USA
CENEX EAGLE | CASEYS
L7
GAS - EXIT 103
(BY OTHERS)

(R & REPLACE) EAST 70 MILE 103 .2 / EAST 70 MILE 103 .2 18"x60" D10-5 36

(a) E1-5P 108"x30"
(b) E1-1 180"x168"
38

EXIT 103
B
Main St
Bunceton

EXIT 40 M.P.H. W13-2 48"x60" 40

EXIT 103 (a) (b)
B
Boonville
Main St
Bunceton
(REMOVE)

SCALE
0 100 200 300 400 500

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PAVEMENT MARKING & SIGNING
SHEET 5 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

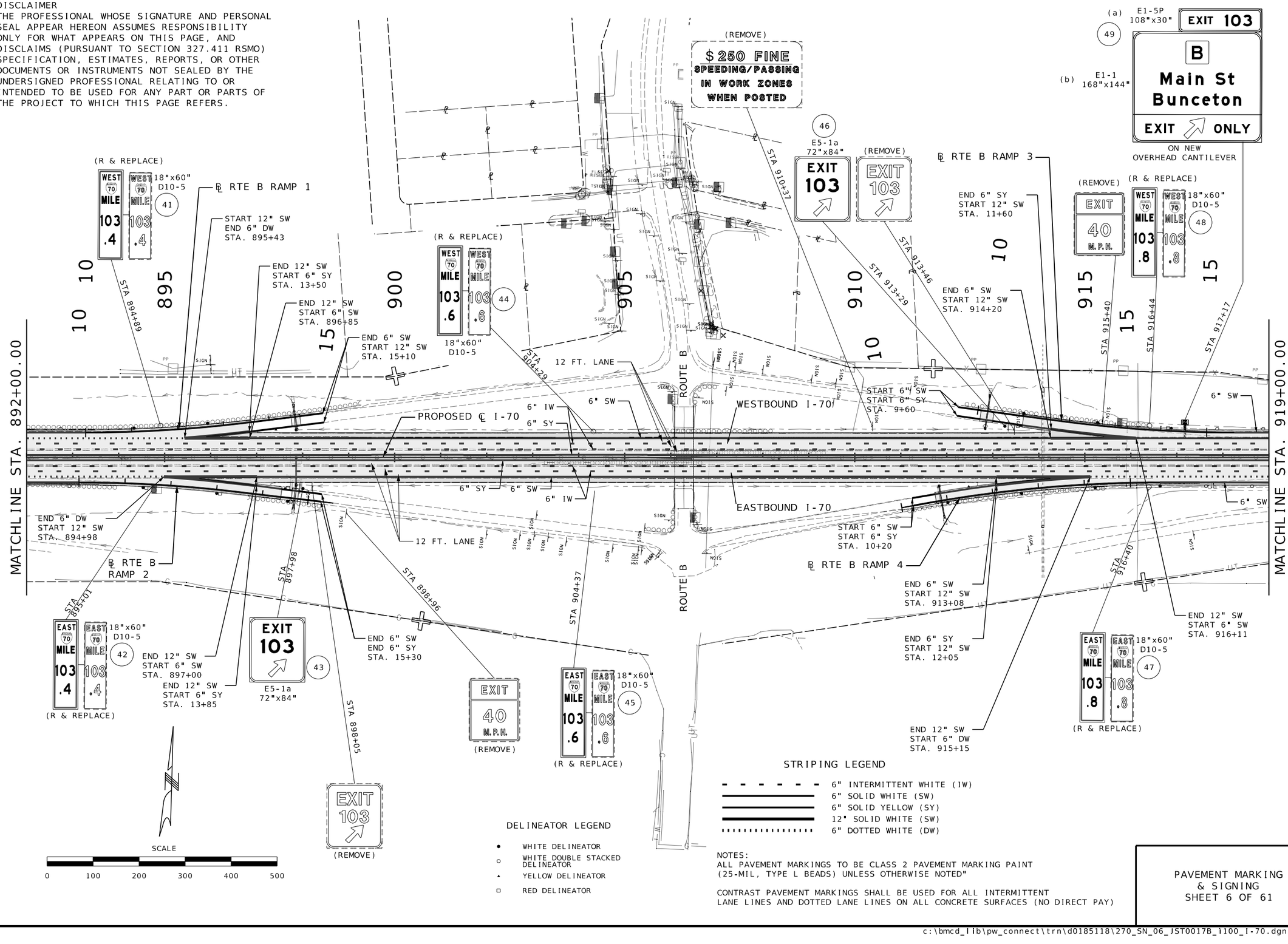
DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 269
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
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PAVEMENT MARKING & SIGNING
SHEET 6 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
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PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 270 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Fax 314-394-3199
Missouri Certificate of Authority: 001578

(REMOVE)
EXIT103
B
Boonville Main St Bunceton

GAS - EXIT 103
BREAK TIME | MURPHY USA
CENEX EAGLE | CASEYS
L8
(BY OTHERS)
GAS - EXIT 103

EXIT 103
B
Main St Bunceton
¼ MILE
EXIT ONLY
E1-5P
(a) 108"x30"
(b) E1-1 168"x168"
(MOUNT ON NEW OVERHEAD CANTILEVER)

STATE LAW
BUCKLE UP
PHONE DOWN
(MOUNT ON THE CANTILEVER COLUMN )
(c) 48"x30" R16-30
(RELOCATE SIGN TO THE CANTILEVER COLUMN) AND REMOVE EX. POST & BASE)
54
STATE LAW
BUCKLE UP
PHONE DOWN

State Park EXIT103
Katy Trail
L9
D7-1
(BY OTHERS)
State Park EXIT103
Katy Trail

(R & REPLACE)
WEST 70 MILE 104 .0
WEST 70 MILE 104 .0
18"x60" D10-5
53

(R & REPLACE)
WEST 70 MILE 104 .2
WEST 70 MILE 104 .2
18"x60" D10-5
56

EXIT 40 M.P.H.
W13-2 48"x60"
50

℄ REST AREA WB RAMP 1

920
925
930
935
940
945
10
15

STA. 919+00.00
STA. 946+00.00
MATCHLINE STA
MATCHLINE STA

END 6" 6W
START 6" DW
STA. 919+18
STA 919+57
STA 919+84
END 6" DW
STA. 922+13
STA 927+66
STA 927+84
STA 930+37
STA 932+91
END 6" DW
START 6" SW
STA. 937+00
STA 938+27
END 6" SW
START 12" SW
STA. 939+01
STA 939+04
END 6" SW
END 12" SW
STA. 12+50
END 12" SW
START 6" SW
STA. 941+15

6" SY
6" IW
6" SW
PROPOSED ℄ I-70
WESTBOUND I-70
EASTBOUND I-70
6" SW
6" SY
6" IW
START TAPER
STA. 922+13
END TAPER
STA. 925+10
START TAPER
STA. 937+20
START 6" DW
STA. 939+76
END TAPER
STA. 939+76
6" SW

N04°19'20"E
N52°46'22"E

STA 923+25
STA 925+90
STA 927+59
STA 938+10
STA 939+10
STA 941+51

51
(a) D5-1bR 132"x60"
(b) D5-6 132"x36"
REST AREA NEXT RIGHT
NEXT REST AREA 94 MILES
REST AREA NEXT RIGHT
NEXT REST AREA 94 MILES
(R & REPLACE)

EAST
INTERSTATE MISSOURI 70
(REMOVE)

EAST 70 MILE 104 .0
EAST 70 MILE 104 .0
18"x60" D10-5
52
(R & REPLACE)

EAST 70 MILE 104 .2
EAST 70 MILE 104 .2
18"x60" D10-5
55
(R & REPLACE)

REST AREA
57
D5-2a 132"x60"
REST AREA
(R & REPLACE)

EXIT 20 M.P.H.
58
W13-2 48"x60"

℄ REST AREA EB RAMP 2

SCALE
0 100 200 300 400 500

STRIPING LEGEND
- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
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CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

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PAVEMENT MARKING & SIGNING
SHEET 7 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 271
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
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MATCHLINE STA. 946+00.00

MATCHLINE STA. 973+00.00

(R & REPLACE) 60 WEST 70 MILE 104 .4 / WEST 70 MILE 104 .4 18"x60" D10-5

62 REST AREA 72"x84" D5-2b

(REMOVE) REST AREA

(REMOVE) EXIT 20 M.P.H.

(R & REPLACE) 64 WEST 70 MILE 104 .6 / WEST 70 MILE 104 .6 18"x60" D10-5

(REMOVE) REST AREA

66 D5-2a 132"x60" REST AREA

(R & REPLACE) EXIT 103 B Boonville Main St Bunceton 1 MILE

68 EXIT 103 B Main St Bunceton 1 MILE (a) E5-1P 108"x30" (b) E1-1 180"x168"

(R & REPLACE) 69 WEST 70 MILE 104 .8 / WEST 70 MILE 104 .8 18"x60" D10-5

STA 947+13 · STA 952+64 · STA 954+82 · STA 958+15 · STA 958+63 · STA 960+41 · STA 963+50 · STA 970+46 · STA 971+19

950 · 955 · 960 · 965 · 970 · 10 · 10

W13-2 48"x60" 65 EXIT 20 M.P.H.

START 6" SW
START 6" SY
STA. 8+32

℄ REST AREA WB RAMP 3

END 12" SW
START 6" DW
STA. 955+41

START TAPER STA. 961+00

END TAPER STA. 963+50

WESTBOUND I-70

END 6" DW STA. 961+00

PROPOSED ℄ I-70

6" SY · 6" SW · 6" IW · 6" SW · 12 FT. LANE · 6" IW · 6" SW · 12 FT. LANE

S81°32'57"E 384.37'

END 6" SY
START 12" SW
STA. 10+50

START 6" SW
START 6" SY
STA. 10+00

END 12" SW
START 6" DW
STA. 962+48

12" DW

EASTBOUND I-70

END 6" SY
END 6" SW
STA. 14+04

END 12" SW
START 12" DW
STA. 948+08

END 12" SW
START 6" SY
STA. 13+03

℄ REST AREA EB RAMP 2

END 6" SW
START 12" SW
STA. 953+65

END 12" SW
START 12" SW
STA. 961+69

END 6" SY
START 12" SW
STA. 10+15

℄ REST AREA EB RAMP 4

END 6"DW
START 12"SW
STA.946+51

STA 946+79 · STA 946+97 · STA 949+01 · STA 949+01 · STA 958+06 · STA 963+85 · STA 971+19 · STA 972+63

EXIT 20 M.P.H. (REMOVE)

(R & REPLACE) EAST 70 MILE 104 .4 / EAST 70 MILE 104 .4 18"x60" D10-5 59

(R & REPLACE) EAST 70 MILE 104 .6 / EAST 70 MILE 104 .6 18"x60" D10-5 63

(R & REPLACE) REST AREA

72"x84" D5-2b 61

Windsor Place CITY LIMIT

CITY LIMIT Windsor Place POP 221

67 I4-1 108"x36" (R & REPLACE)

(R & REPLACE) EAST 70 MILE 104 .8 / EAST 70 MILE 104 .8 18"x60" D10-5 70

STATE LAW BUCKLE UP PHONE DOWN

71 48"x30" R16-27 (R & RELOC)

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

SCALE
0 100 200 300 400 500

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

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PAVEMENT MARKING & SIGNING
SHEET 8 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 272 |

COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 273 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

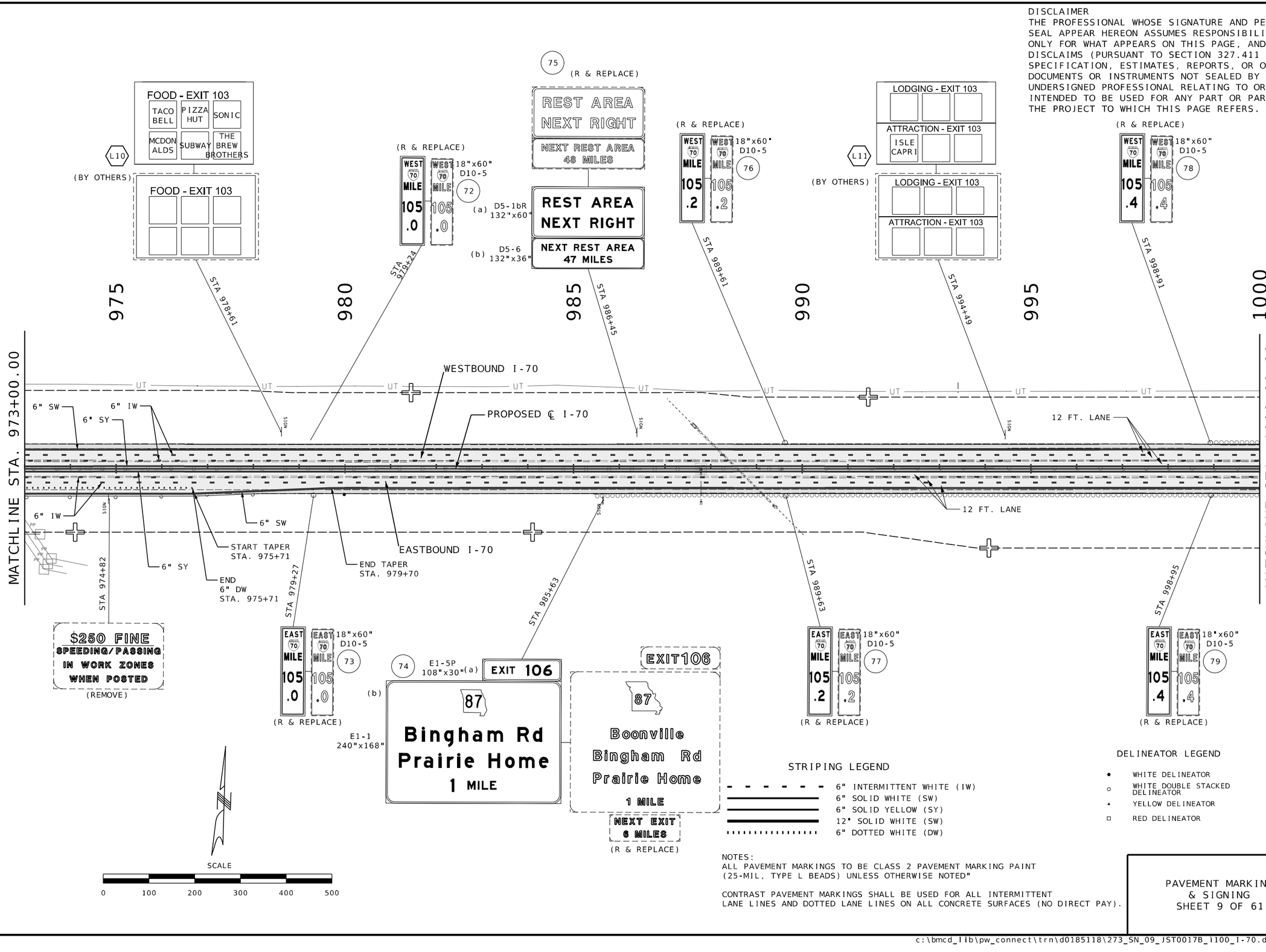
PROJECT NO.
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BRIDGE NO.
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

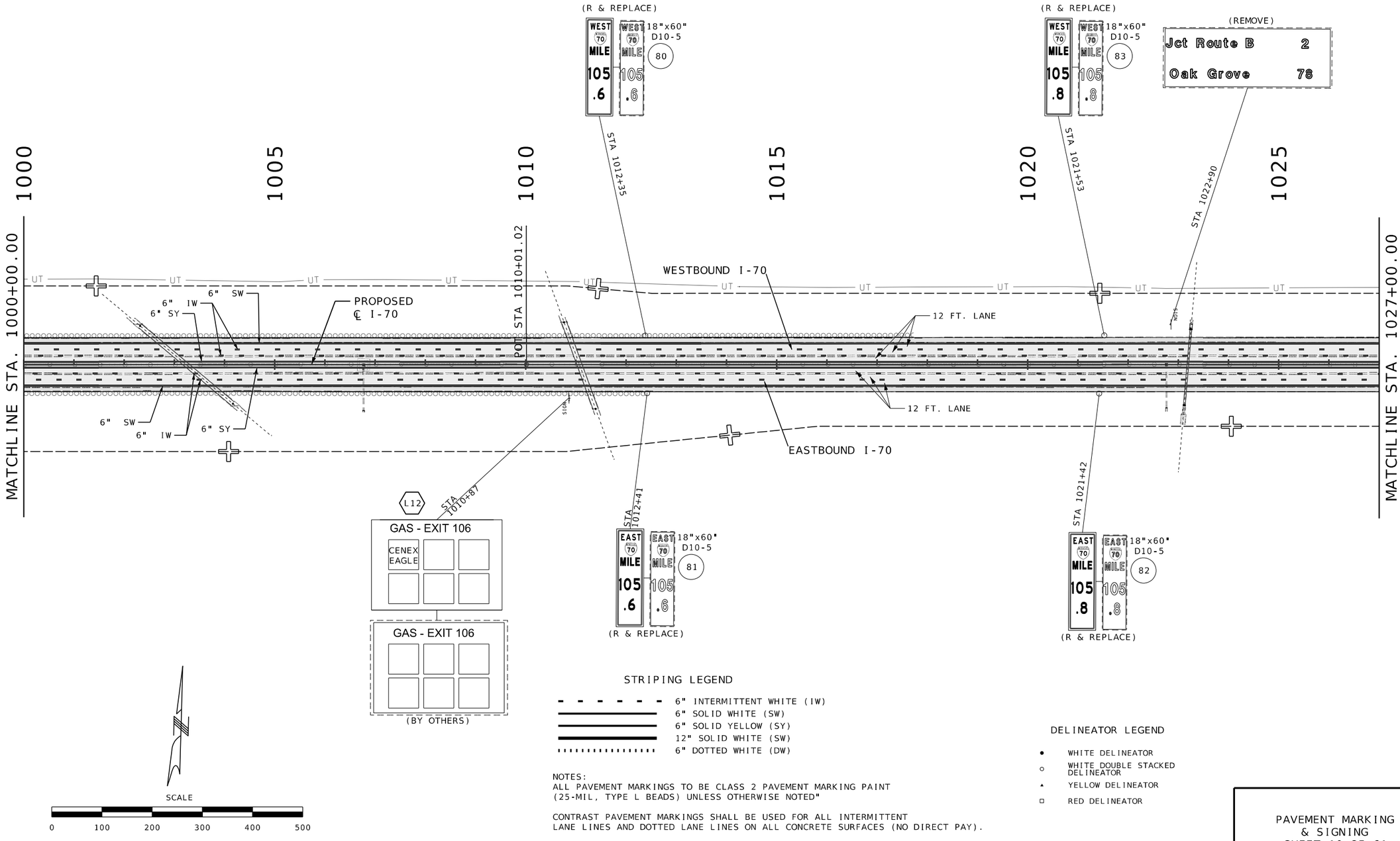
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
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PAVEMENT MARKING & SIGNING
SHEET 9 OF 61

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STRIPING LEGEND

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- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
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DELINEATOR LEGEND

- WHITE DELINEATOR
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- YELLOW DELINEATOR
- RED DELINEATOR

PAVEMENT MARKING & SIGNING
SHEET 10 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
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PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 274
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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St. Louis, MO 63021
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STRIPING LEGEND

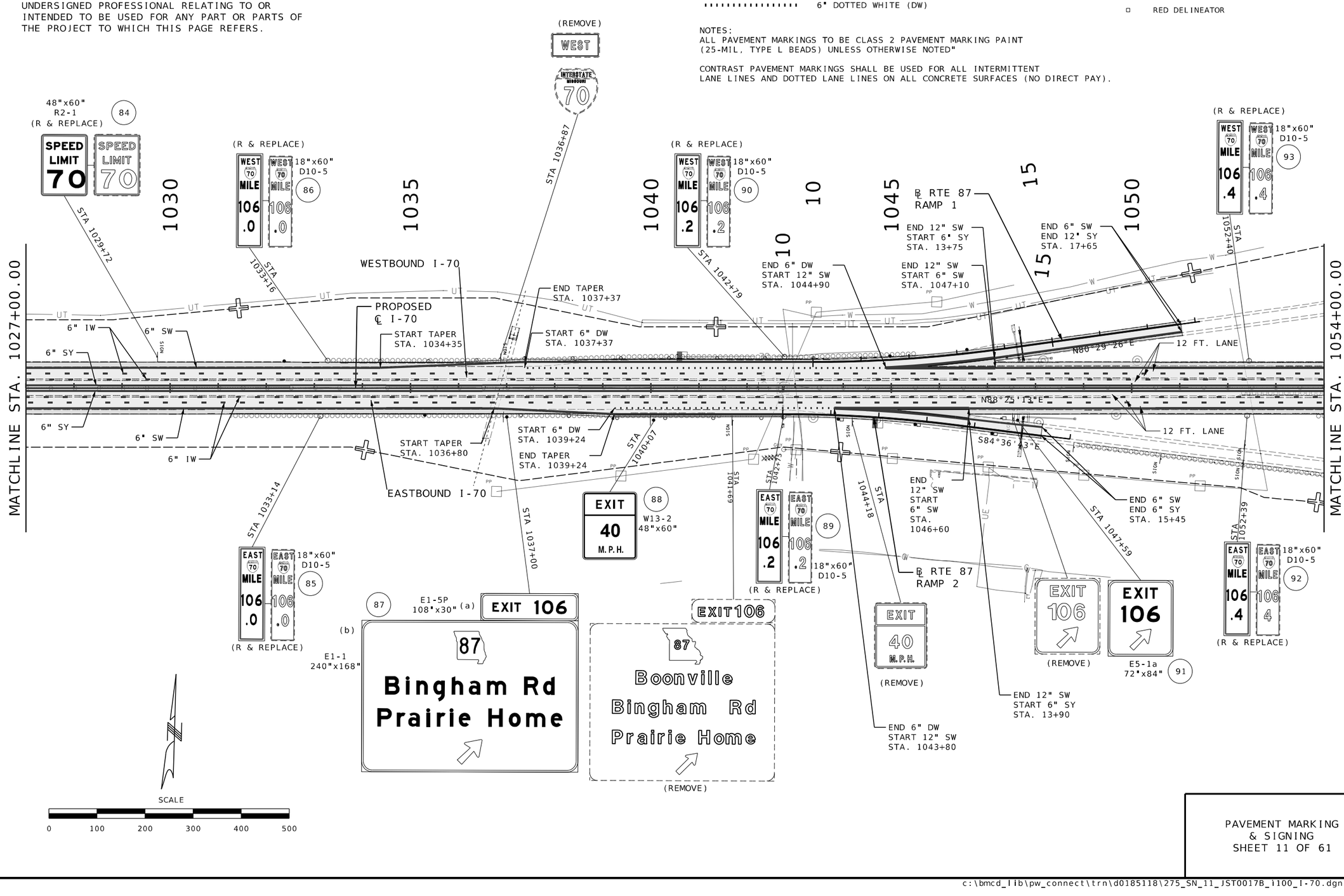
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- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).




PAVEMENT MARKING & SIGNING
SHEET 11 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:19 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 275 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

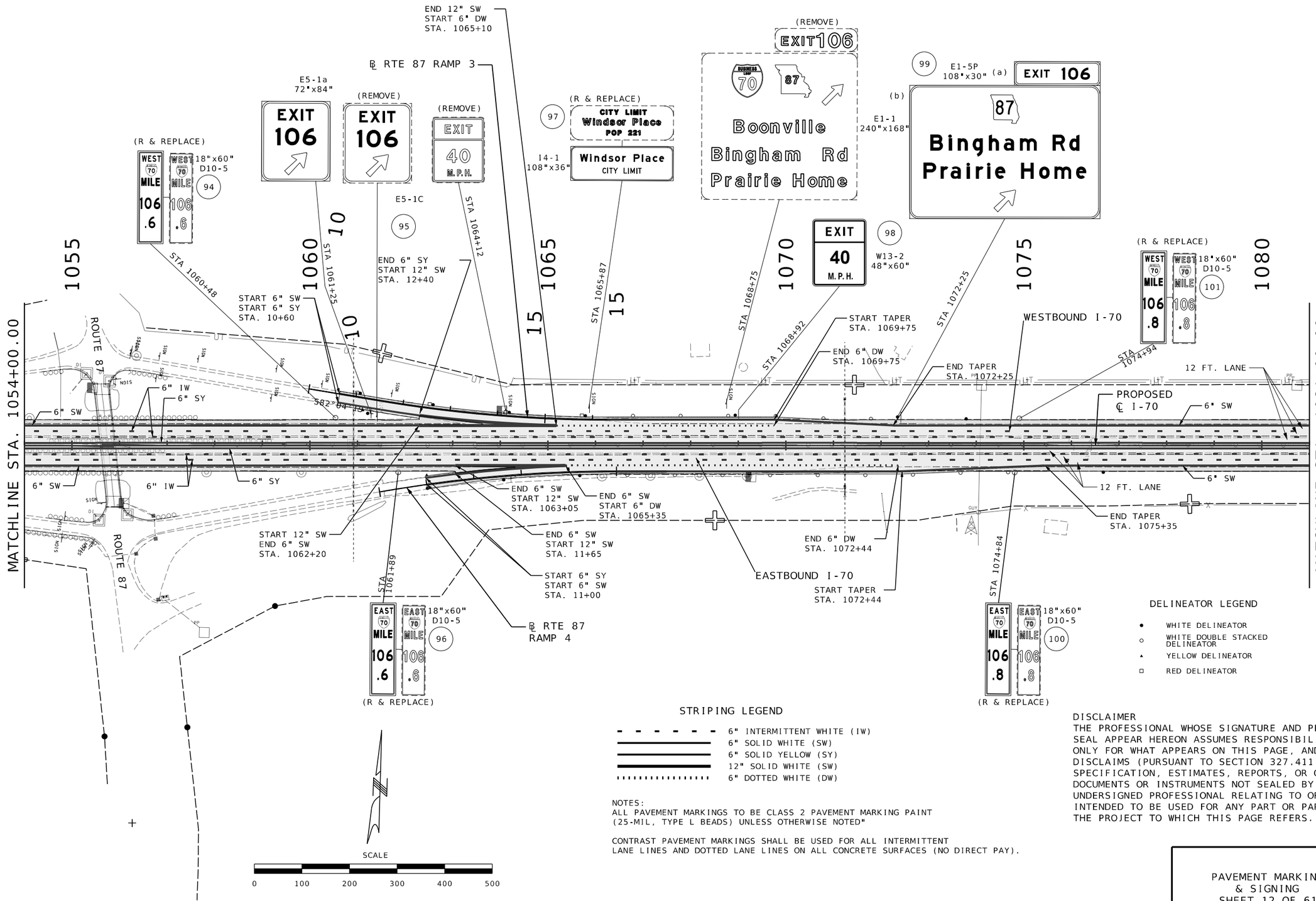
BRIDGE NO.
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| NO. | DESCRIPTION | DATE |
|---|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK·Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

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PAVEMENT MARKING
& SIGNING
SHEET 12 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 276 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

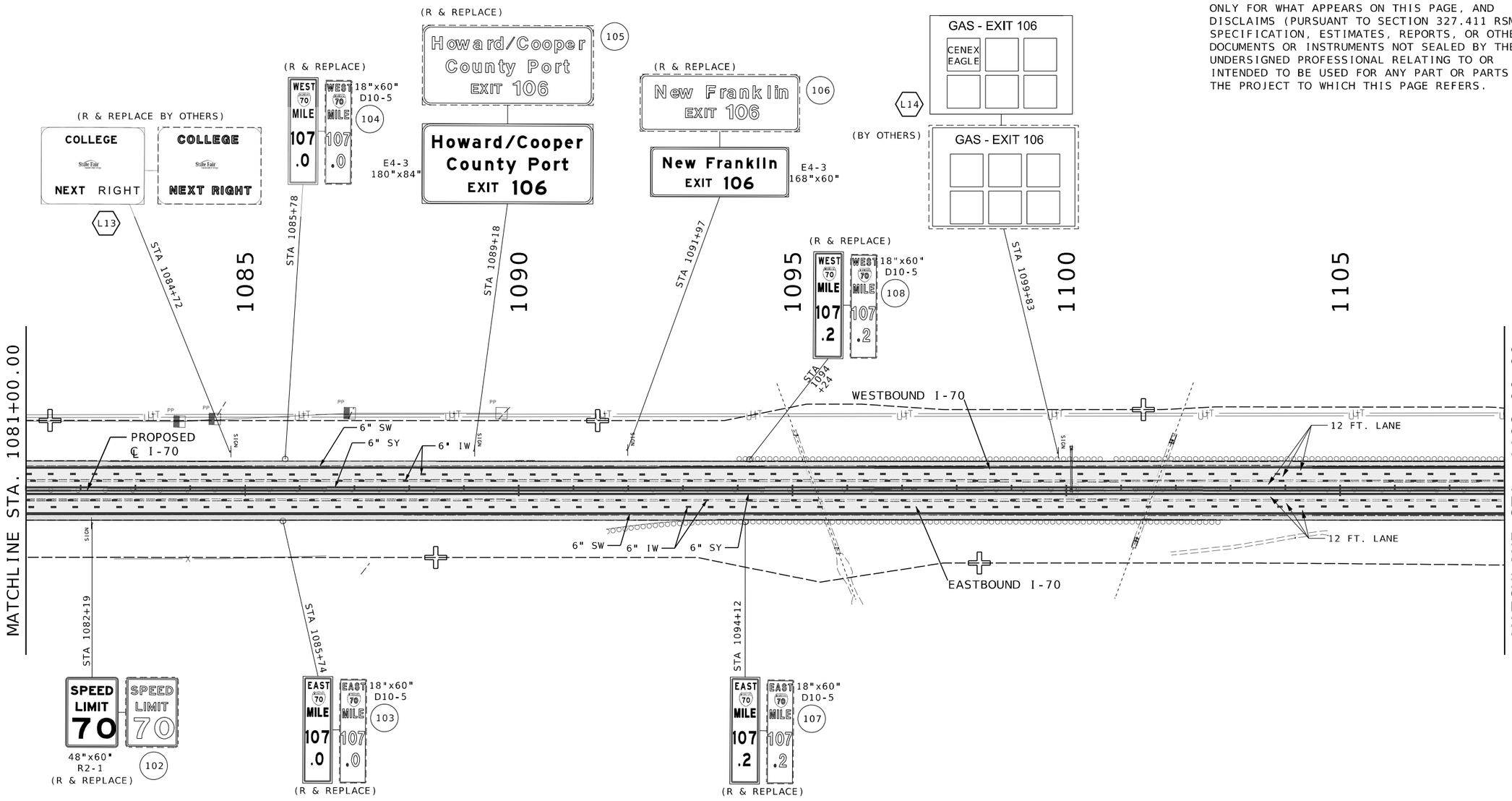
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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105 WEST CAPITOL
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SCALE
0 100 200 300 400 500

STRIPING LEGEND
- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 13 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

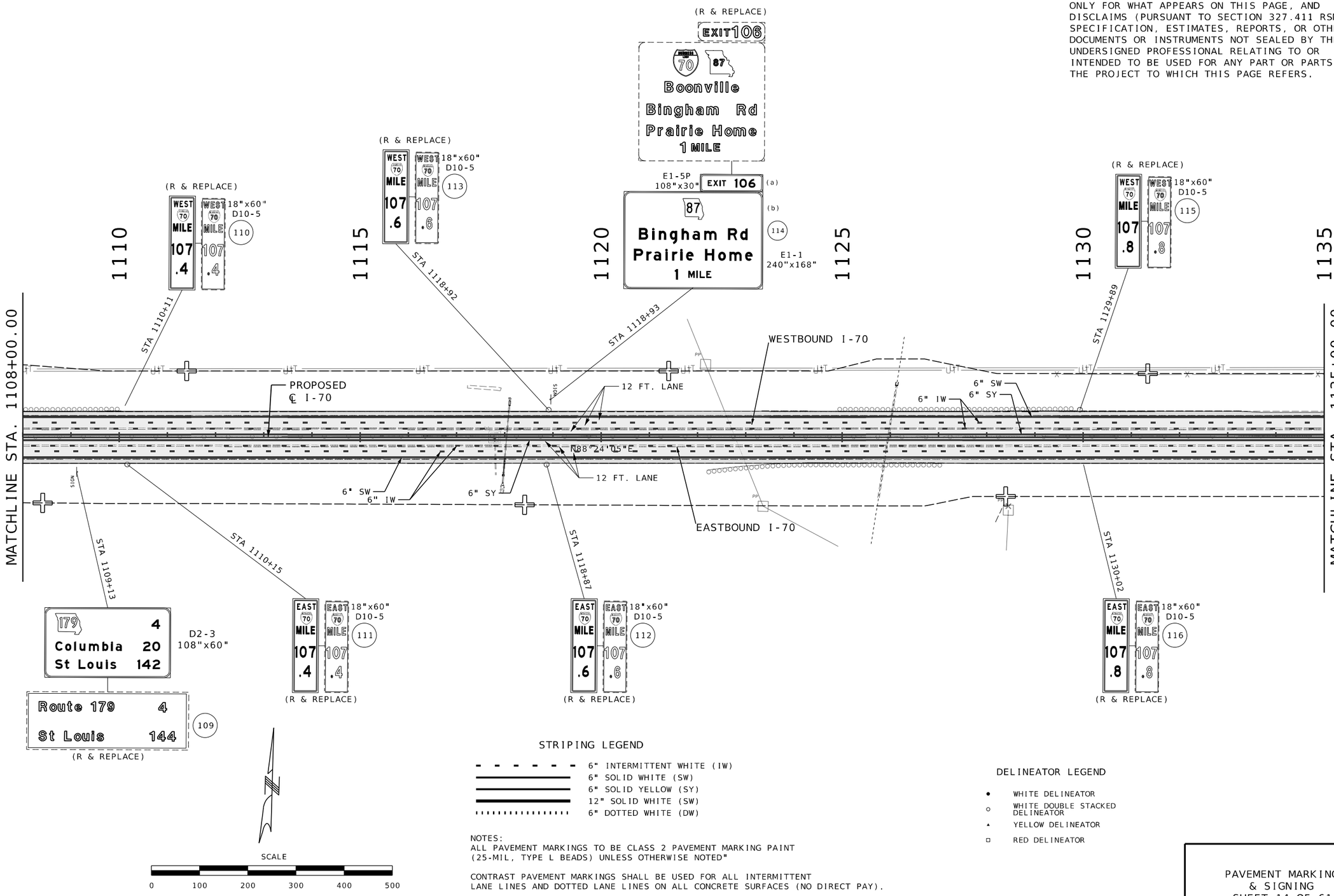
DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 277
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 14 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 278 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

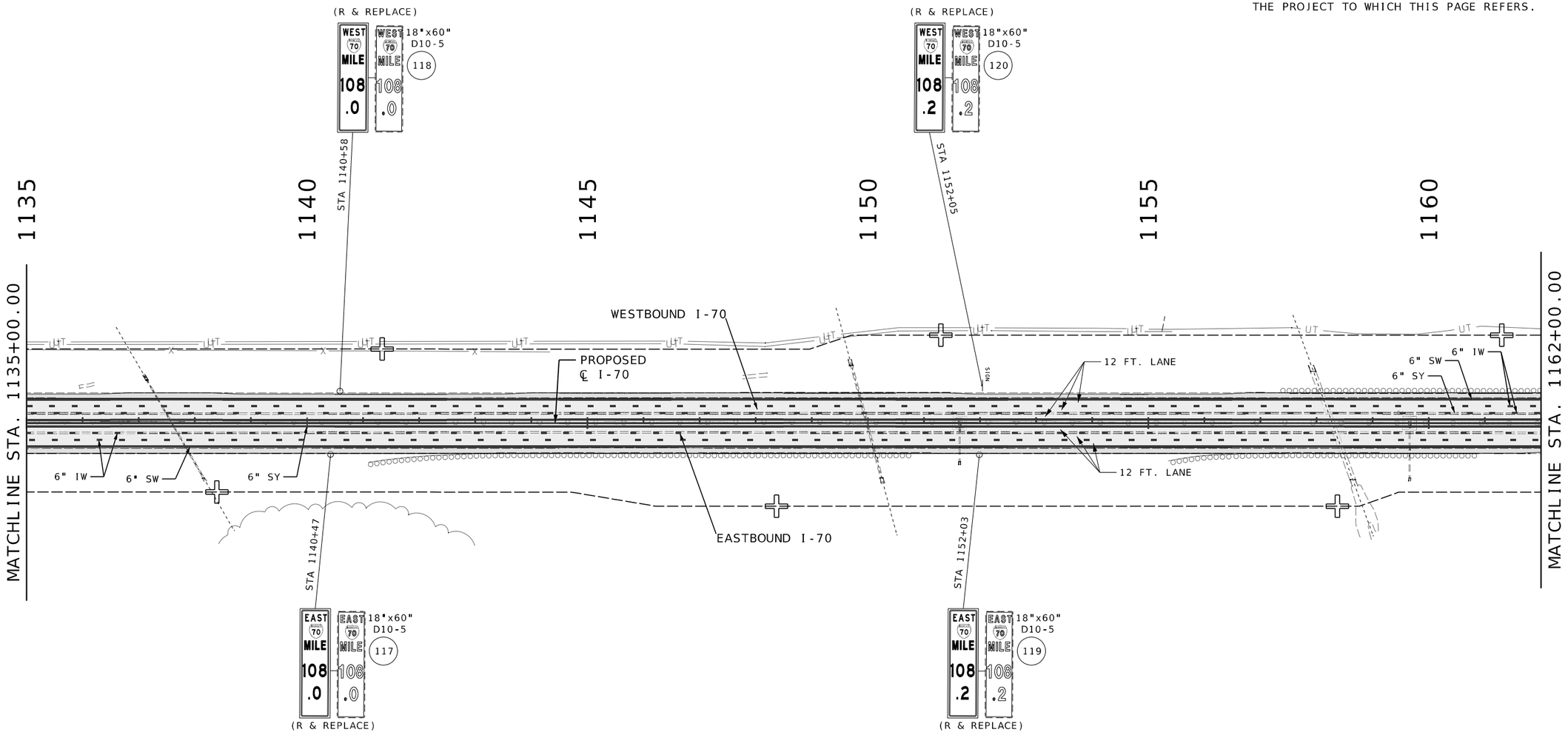
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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Fax 314-394-3199
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SCALE
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED*

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING
& SIGNING
SHEET 15 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 279 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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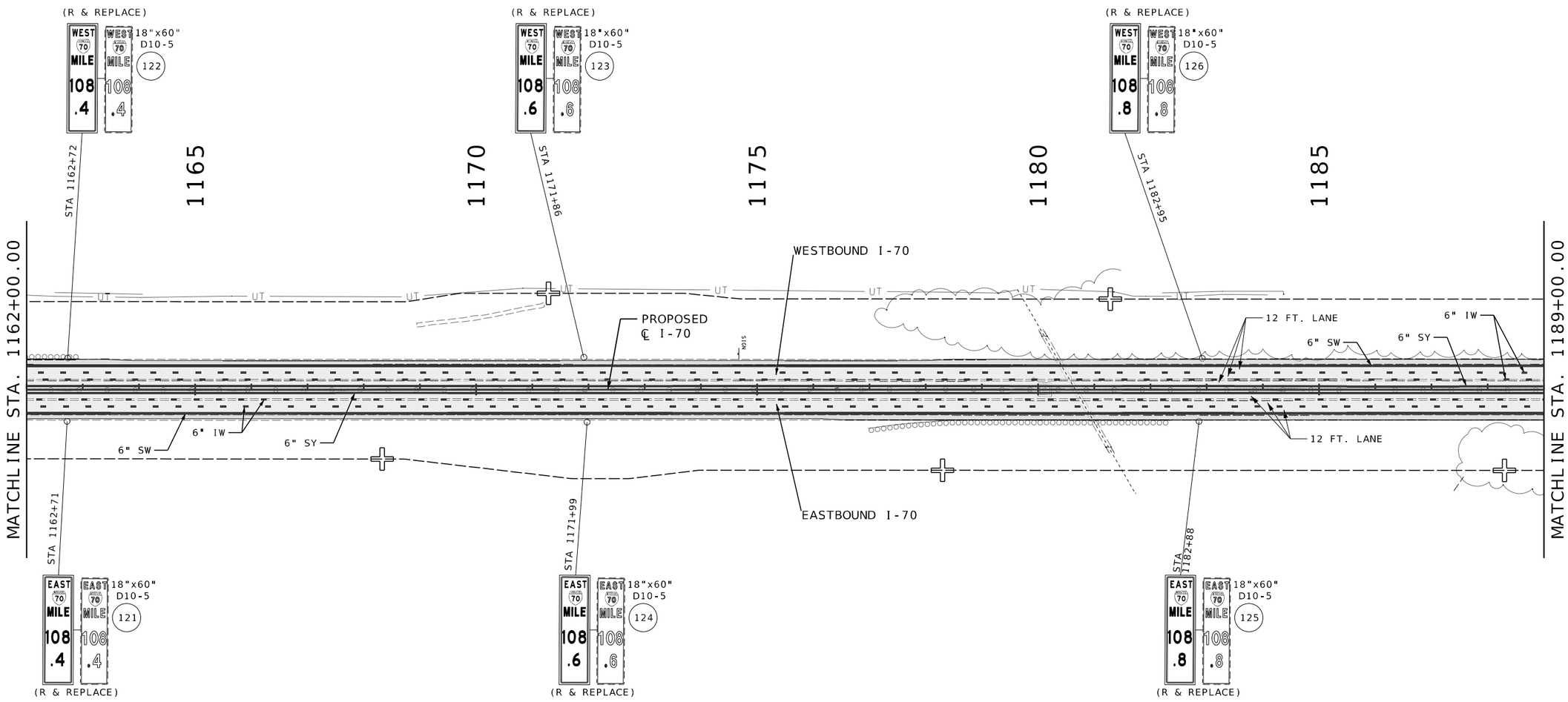
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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SCALE
0 100 200 300 400 500

STRIPING LEGEND
- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 16 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 280 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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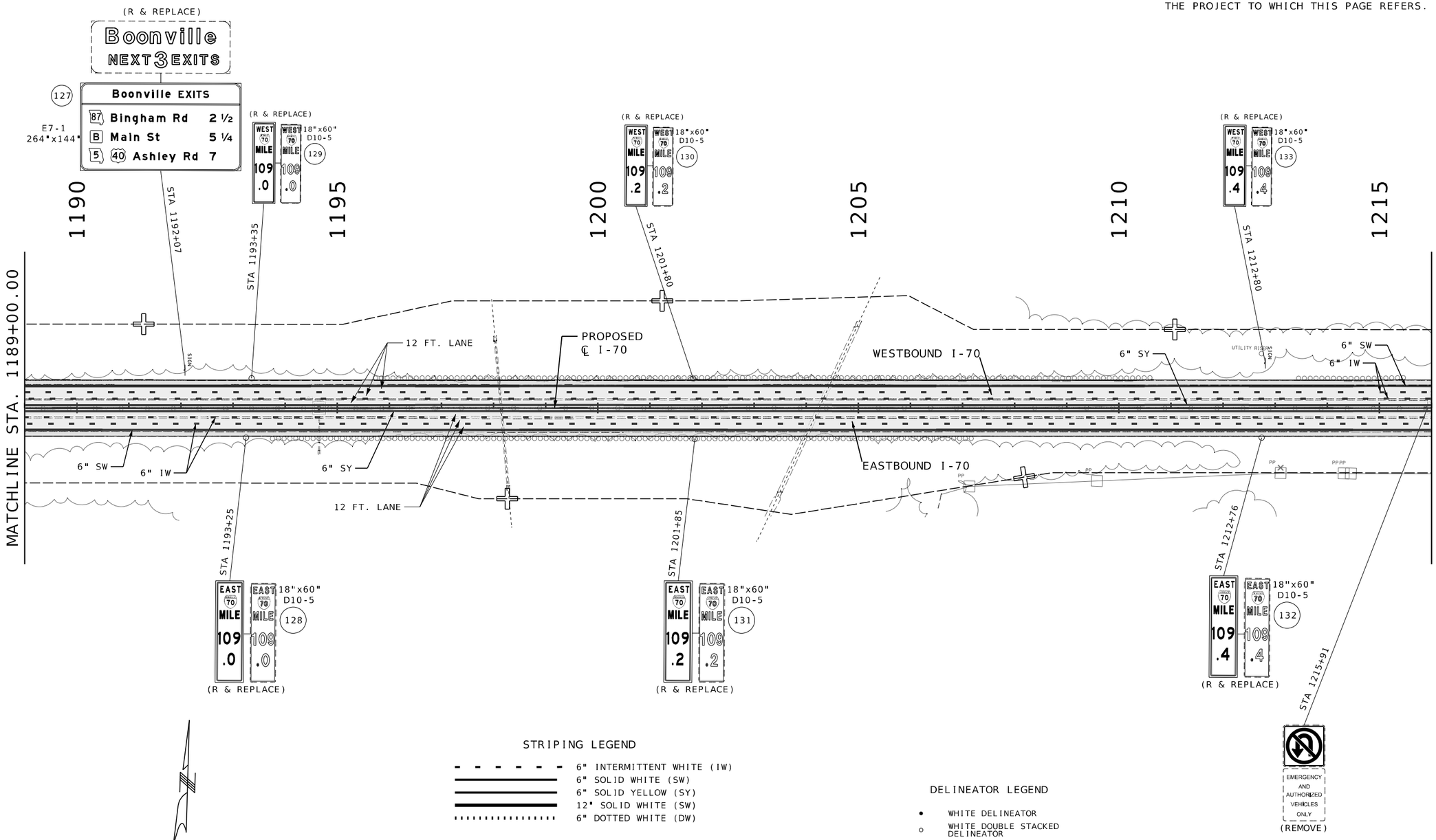
BRIDGE NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


EFK•Moen
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SCALE
0 100 200 300 400 500

STRIPING LEGEND
- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 17 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 281 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
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PROJECT NO.
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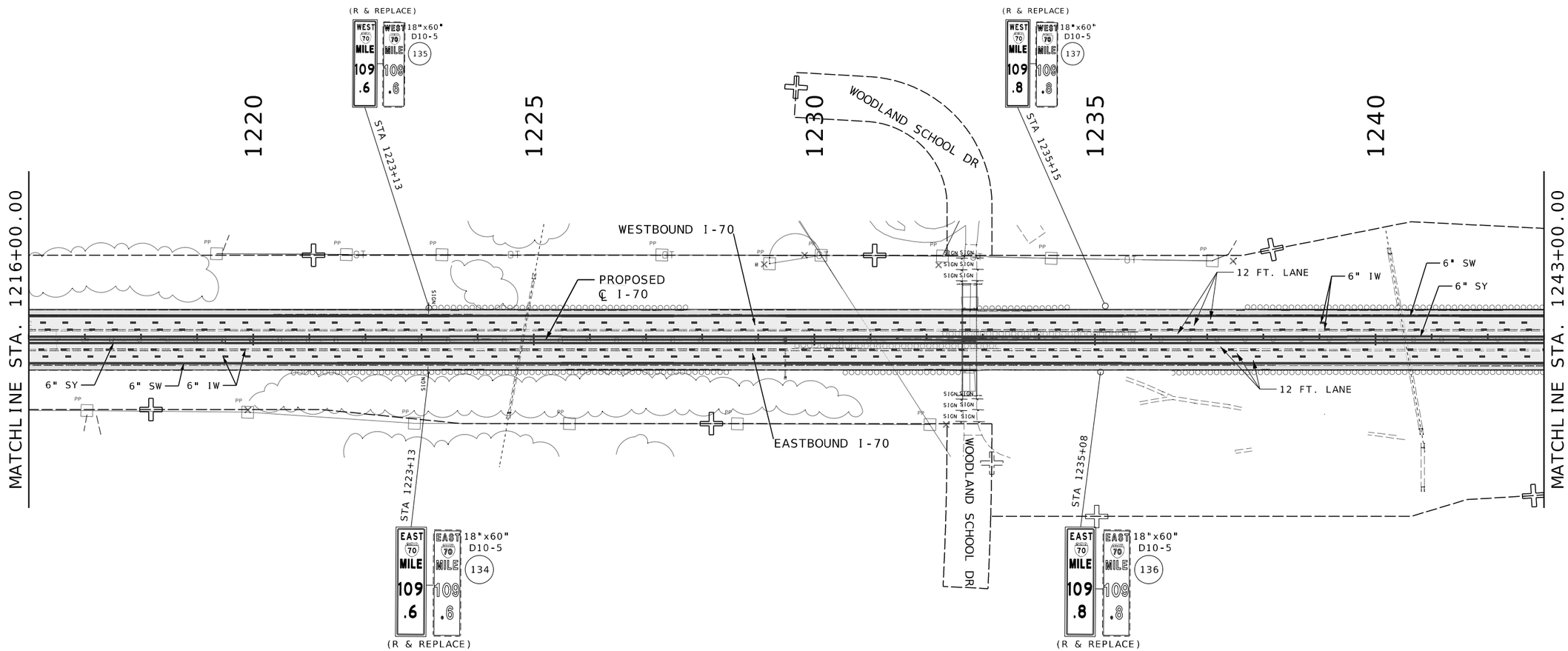
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-

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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SCALE
0 100 200 300 400 500

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED.

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

PAVEMENT MARKING & SIGNING
SHEET 18 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 282 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

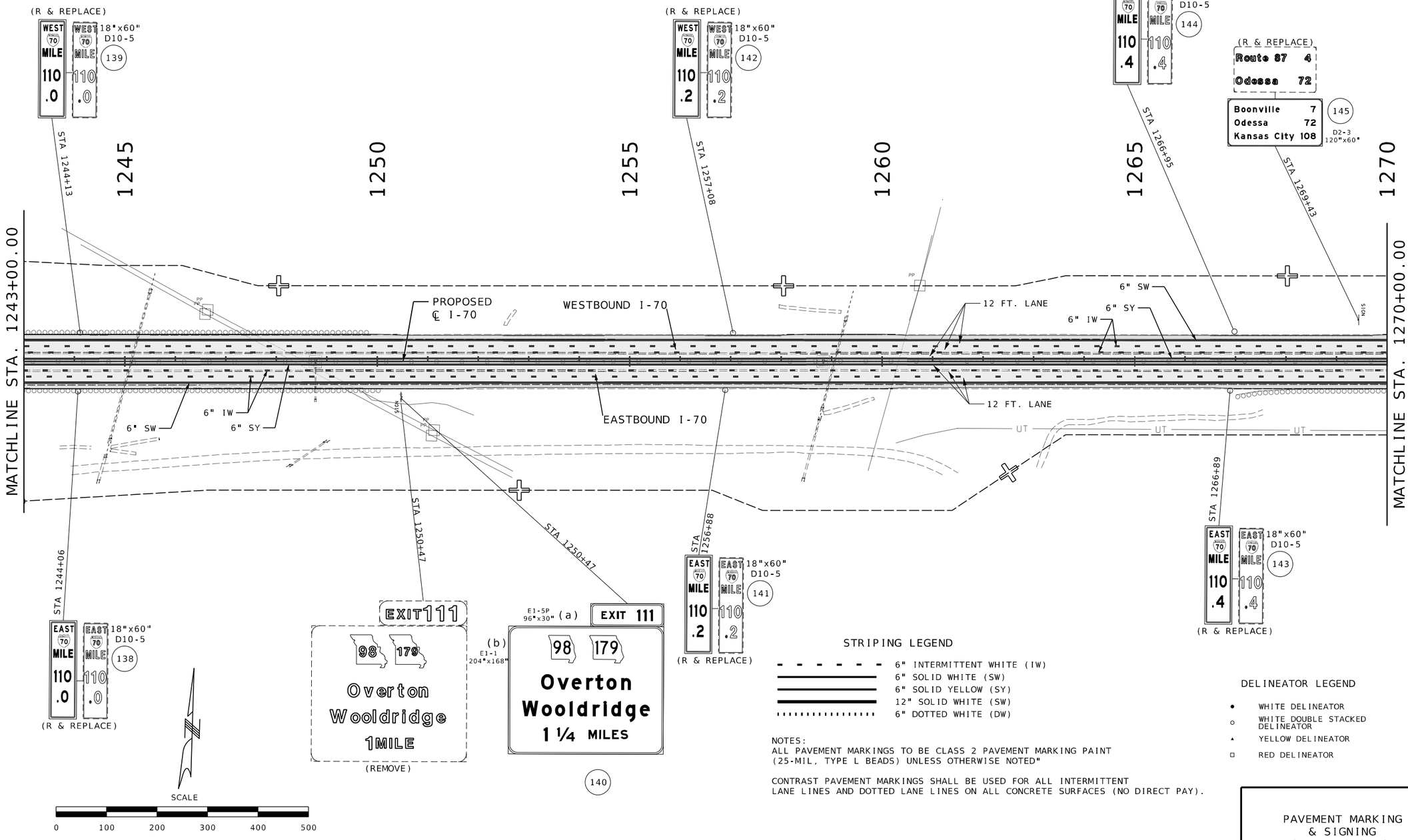
BRIDGE NO.
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| DESCRIPTION | DATE |
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JEFFERSON CITY, MO 65102
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 19 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 283 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

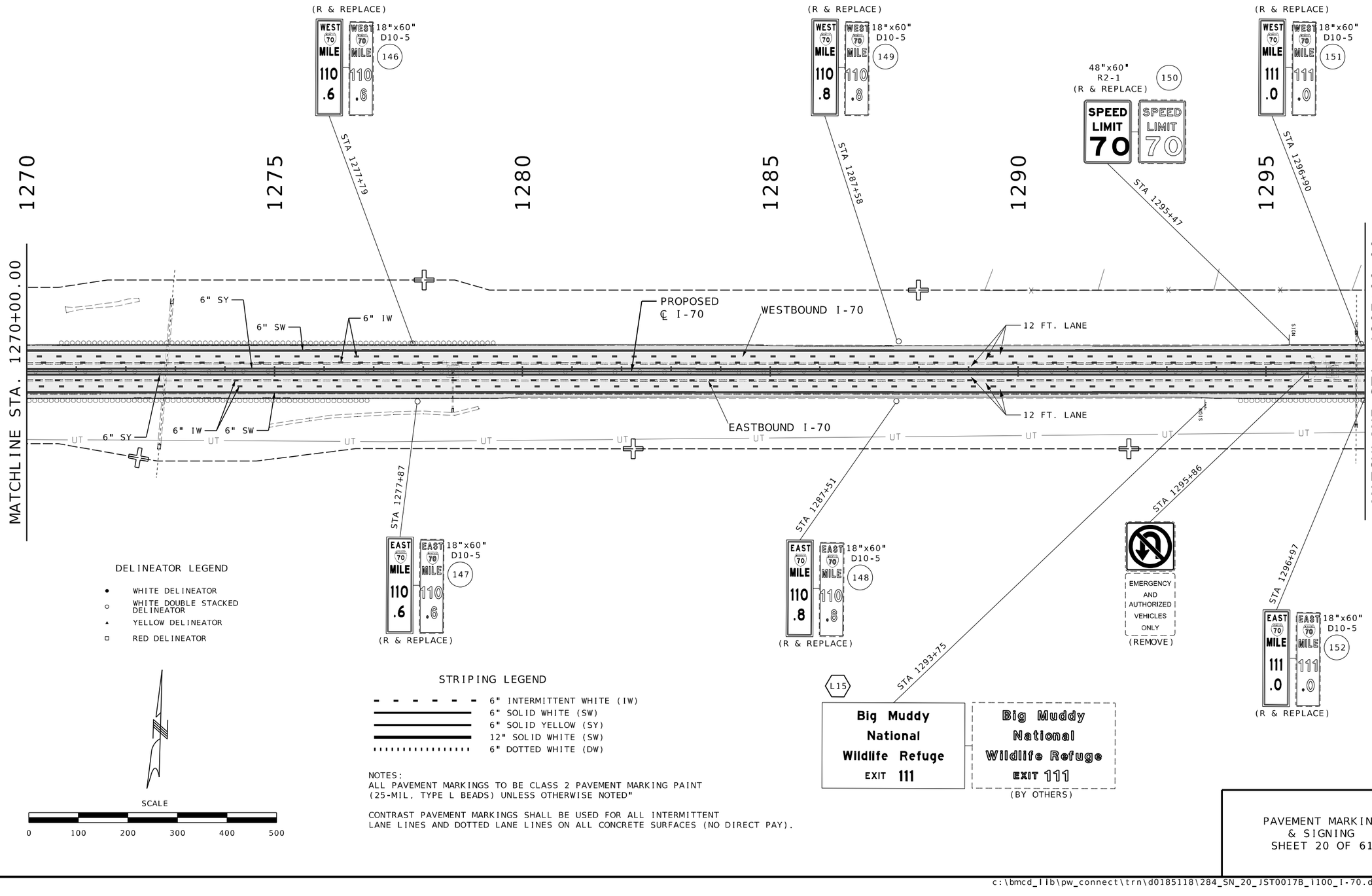
| DESCRIPTION | DATE |
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Fax 314-394-3199
Missouri Certificate of Authority: 001578

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DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

SCALE
0 100 200 300 400 500

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 20 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:20 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 284 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

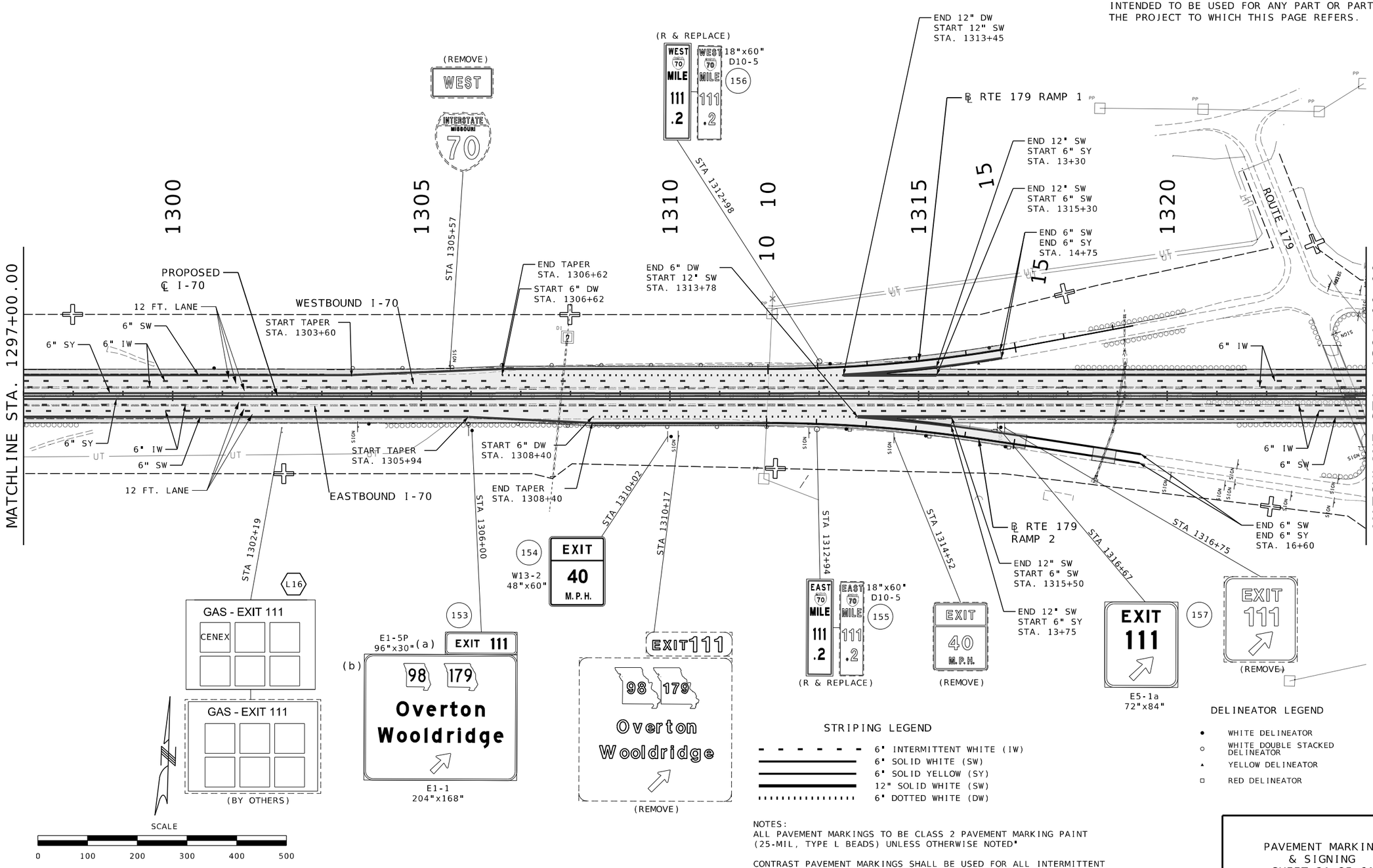
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 21 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 285 |

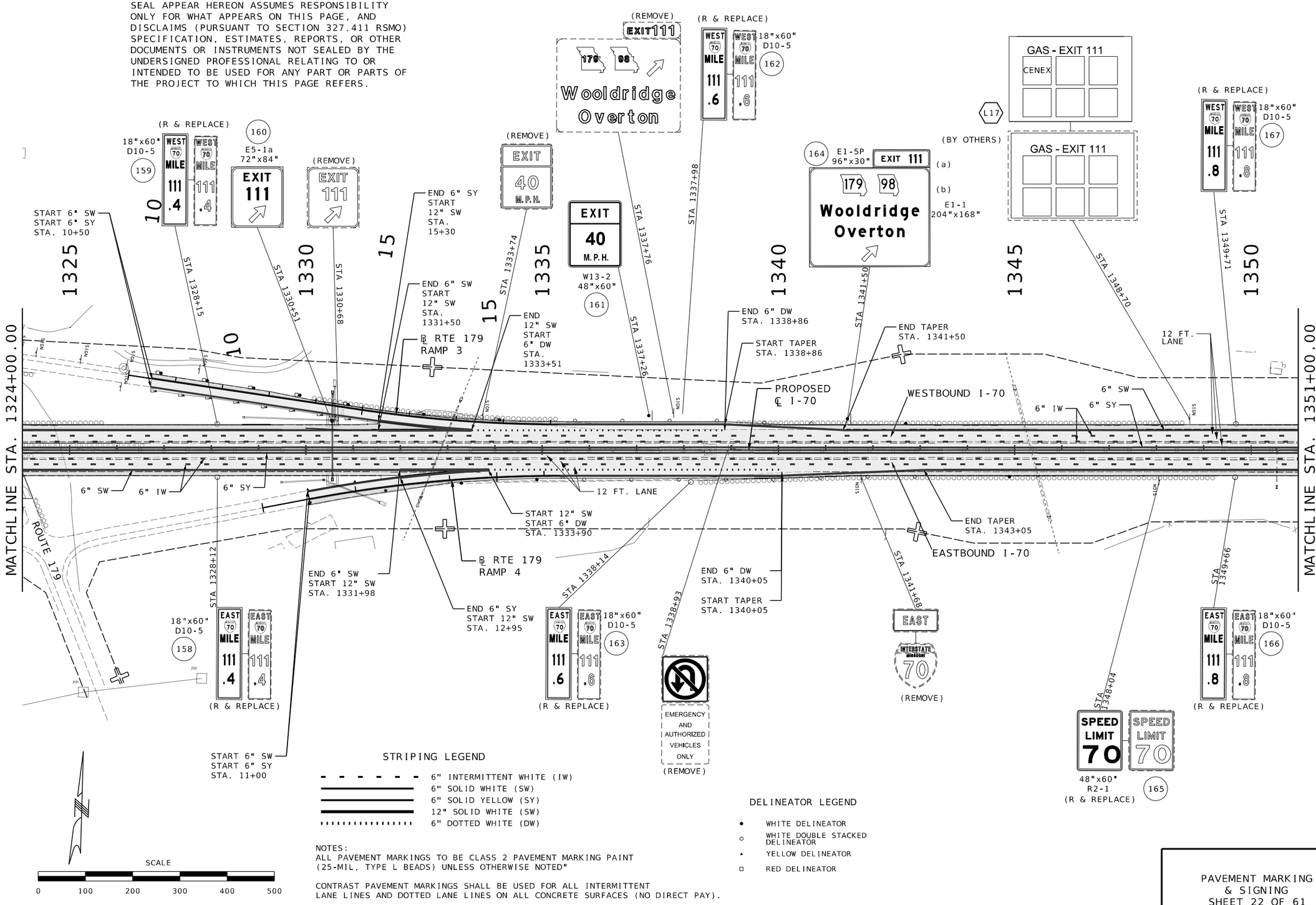
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 22 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

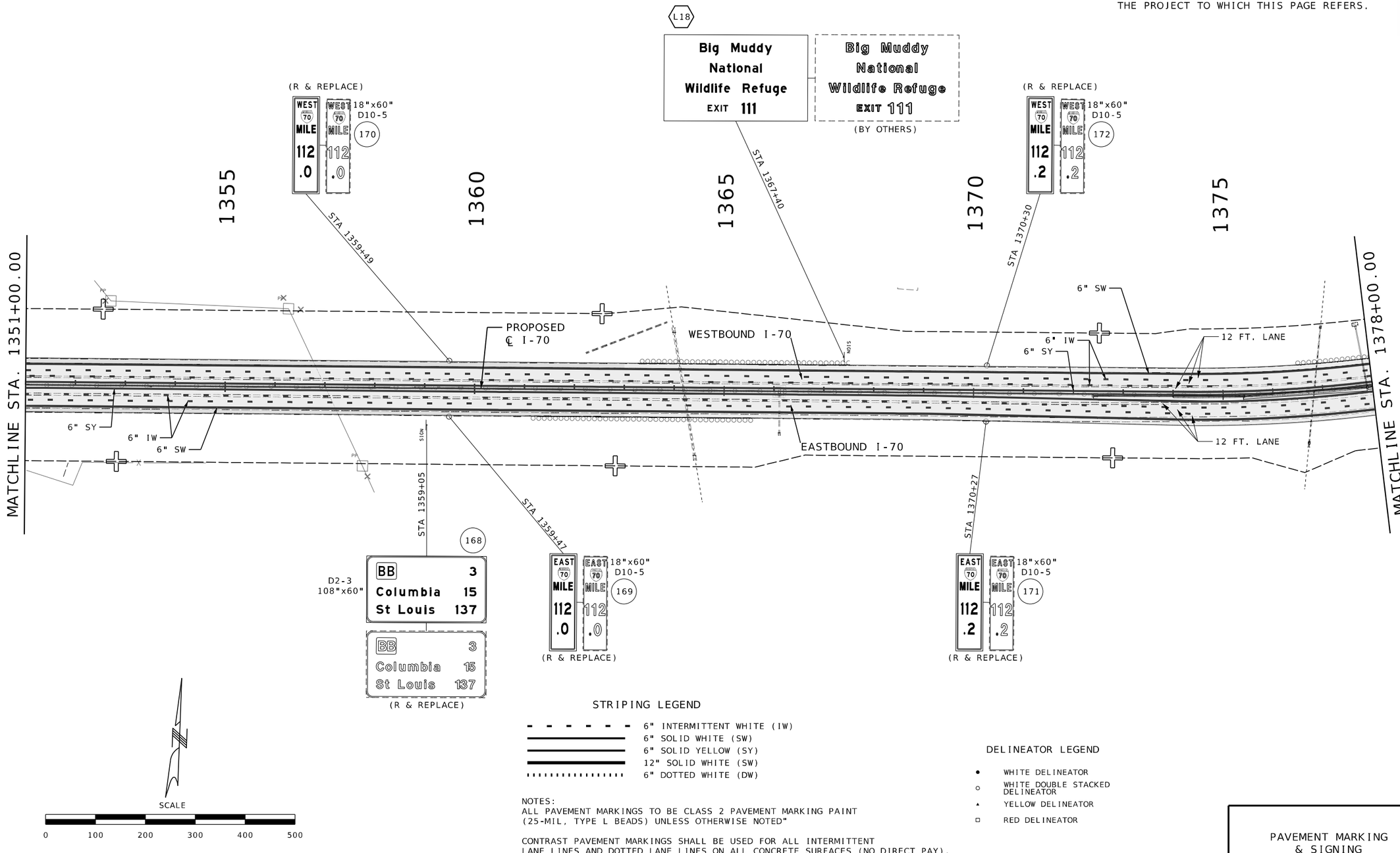
DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 286
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING & SIGNING
SHEET 23 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 287 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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Fax 314-394-3199
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## STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

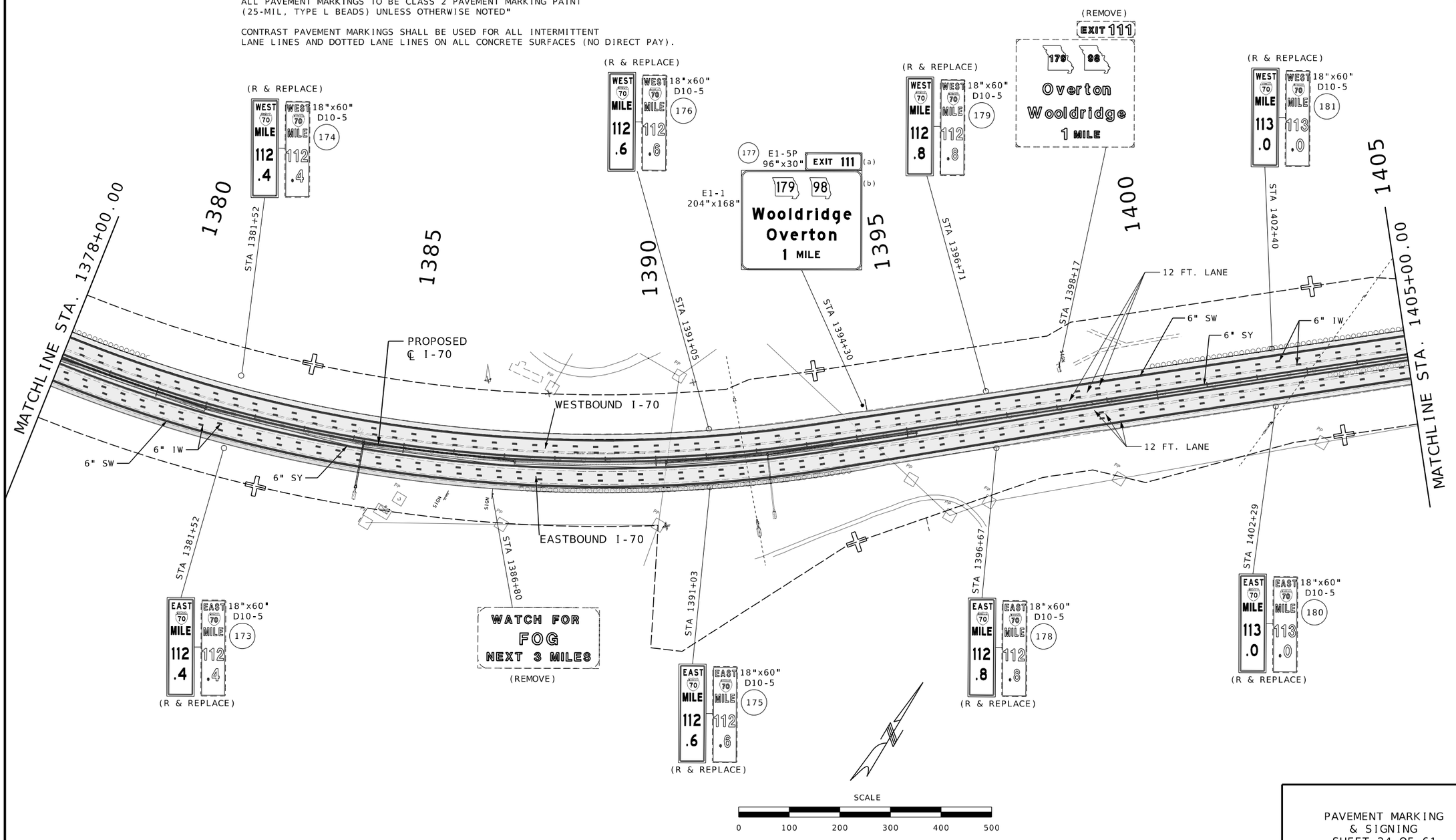
NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

## DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

DISCLAIMER
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PAVEMENT MARKING & SIGNING
SHEET 24 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 288 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
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Fax 314-394-3199
Missouri Certificate of Authority: 001578

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

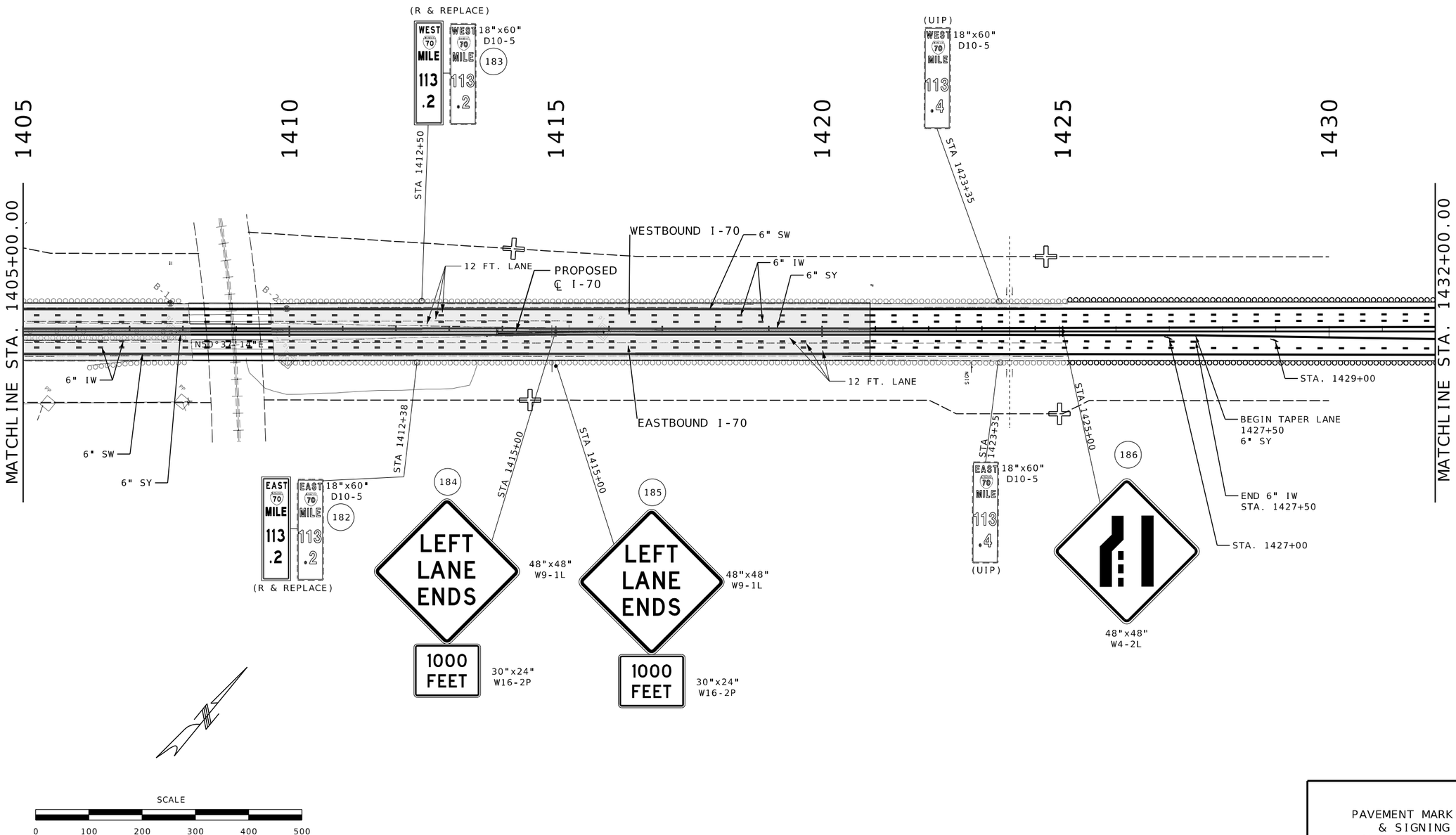
STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

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PAVEMENT MARKING & SIGNING
SHEET 25 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 289
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

NOTES:
EB STRIPING TO MATCH EXISTING
FROM STA. 1435+90 TO THE EAST.

ALL SIGNS EAST OF STA. 1435+90 SHALL BE U.I.P.

DELINEATOR LEGEND

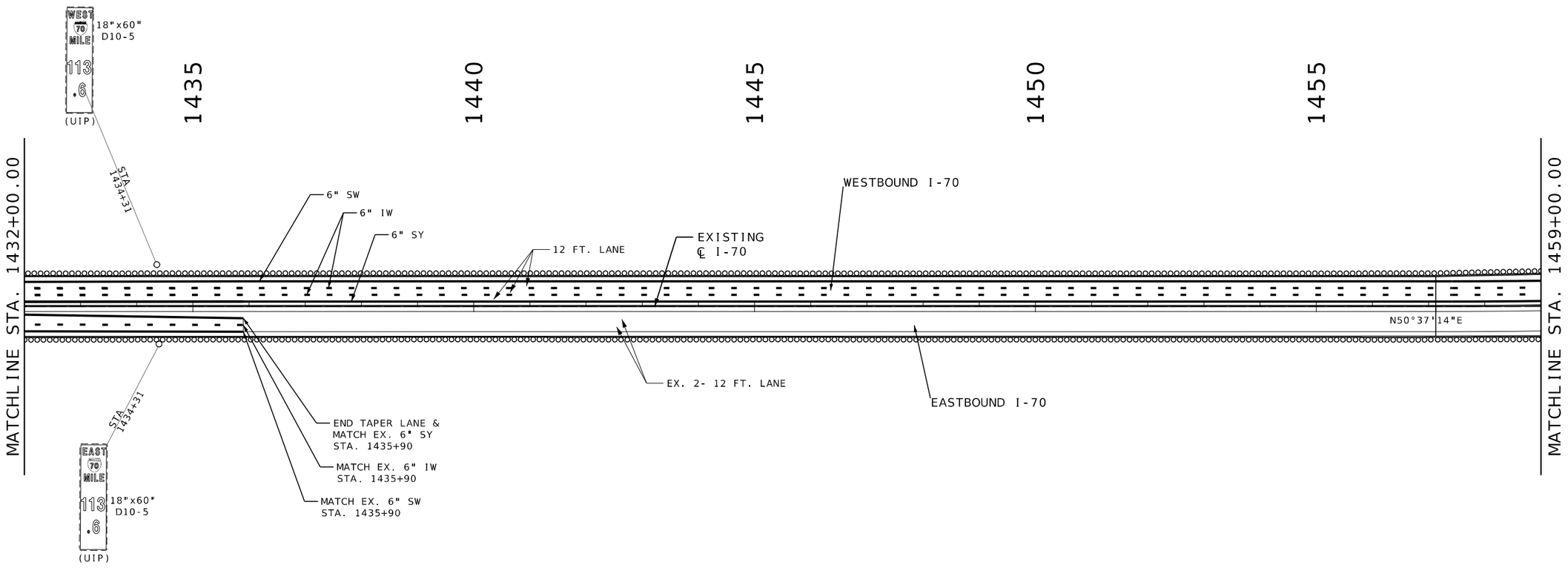
- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT
(25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT
LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).




SCALE

0 100 200 300 400 500

DISCLAIMER
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PAVEMENT MARKING
& SIGNING
SHEET 26 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 290 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
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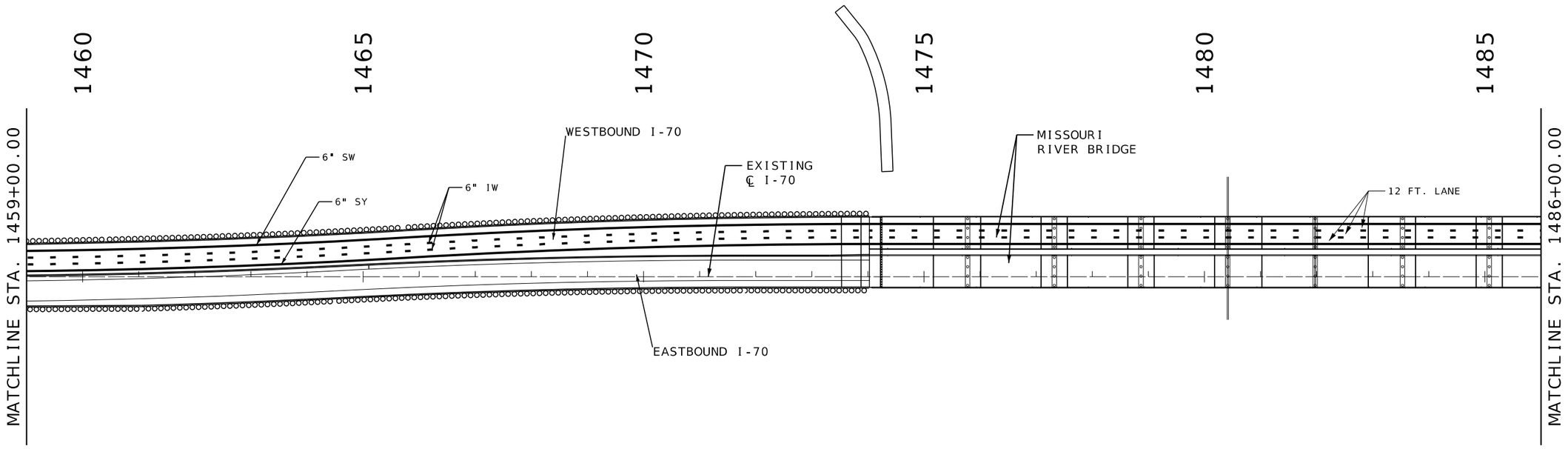
NOTES:
EB STRIPING TO MATCH EXISTING
FROM STA. 1435+90 TO THE EAST.

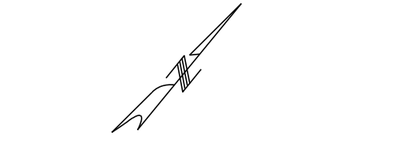
ALL SIGNS EAST OF STA. 1435+90 SHALL BE U.I.P.

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

DISCLAIMER
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING
& SIGNING
SHEET 27 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000909
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000909

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 291 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
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| . | . |
| . | . |
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

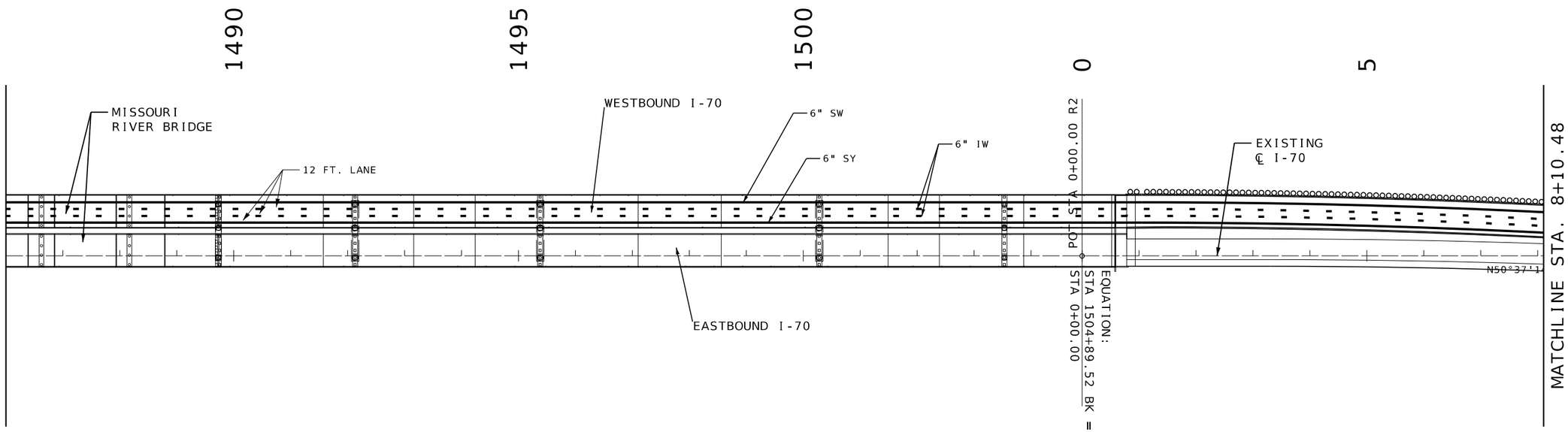
NOTES:
EB STRIPING TO MATCH EXISTING
FROM STA. 1435+90 TO THE EAST.

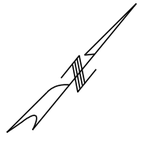
ALL SIGNS EAST OF STA. 1435+90 SHALL BE U.I.P.

DELINEATOR LEGEND

- ● WHITE DELINEATOR
- ○ WHITE DOUBLE STACKED DELINEATOR
- ▲ YELLOW DELINEATOR
- □ RED DELINEATOR

DISCLAIMER
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SCALE

0 100 200 300 400 500

STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
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NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

PAVEMENT MARKING
& SIGNING
SHEET 28 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000909
PROFESSIONAL ENGINEER
10/27/2025 2:41:21 PM
Nicholas Michael Correnti - Civil
MO PE-2010000909

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 292 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


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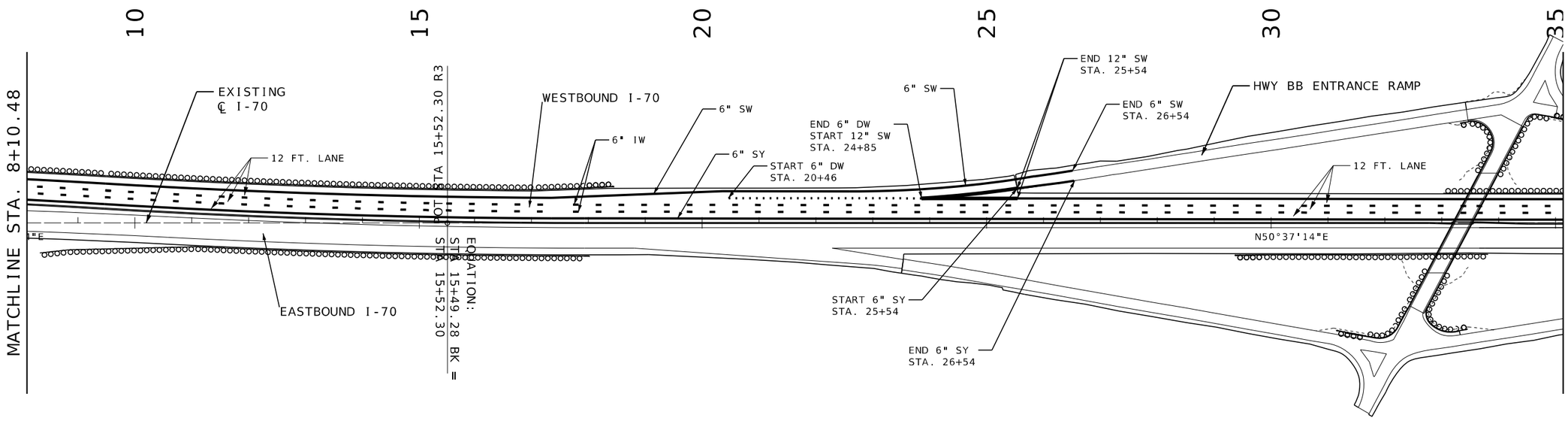
NOTES:
EB STRIPING TO MATCH EXISTING
FROM STA. 1435+90 TO THE EAST.

ALL SIGNS EAST OF STA. 1435+90 SHALL BE U.I.P.

DELINEATOR LEGEND

- ● WHITE DELINEATOR
- ○ WHITE DOUBLE STACKED DELINEATOR
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
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NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

SCALE
0 100 200 300 400 500

PAVEMENT MARKING & SIGNING
SHEET 29 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 2:41:22 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 293 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
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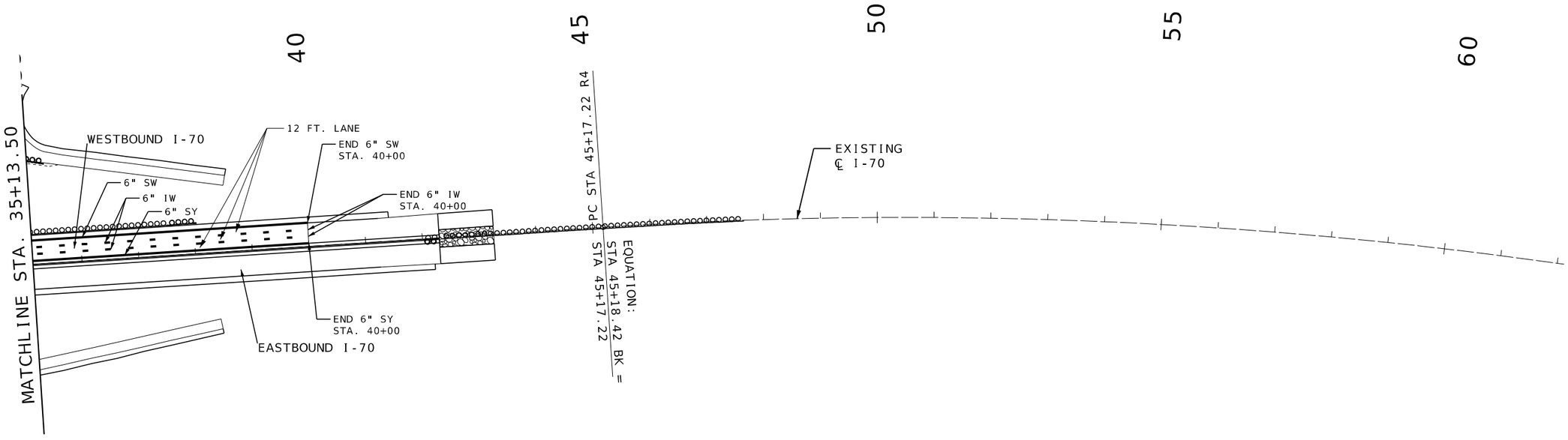
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
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NOTES:
EB STRIPING TO MATCH EXISTING
FROM STA. 1435+90 TO THE EAST.

ALL SIGNS EAST OF STA. 1435+90 SHALL BE U.I.P.

DISCLAIMER
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STRIPING LEGEND

- 6" INTERMITTENT WHITE (IW)
- 6" SOLID WHITE (SW)
- 6" SOLID YELLOW (SY)
- 12" SOLID WHITE (SW)
- 6" DOTTED WHITE (DW)

NOTES:
ALL PAVEMENT MARKINGS TO BE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS) UNLESS OTHERWISE NOTED"

CONTRAST PAVEMENT MARKINGS SHALL BE USED FOR ALL INTERMITTENT LANE LINES AND DOTTED LANE LINES ON ALL CONCRETE SURFACES (NO DIRECT PAY).

DELINEATOR LEGEND

- WHITE DELINEATOR
- WHITE DOUBLE STACKED DELINEATOR
- YELLOW DELINEATOR
- RED DELINEATOR

SCALE
0 100 200 300 400 500

PAVEMENT MARKING
& SIGNING
SHEET 30 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000909
PROFESSIONAL ENGINEER
10/27/2025 2:41:22 PM
Nicholas Michael Correnti - Civil
MO PE-2010000909

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 294 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

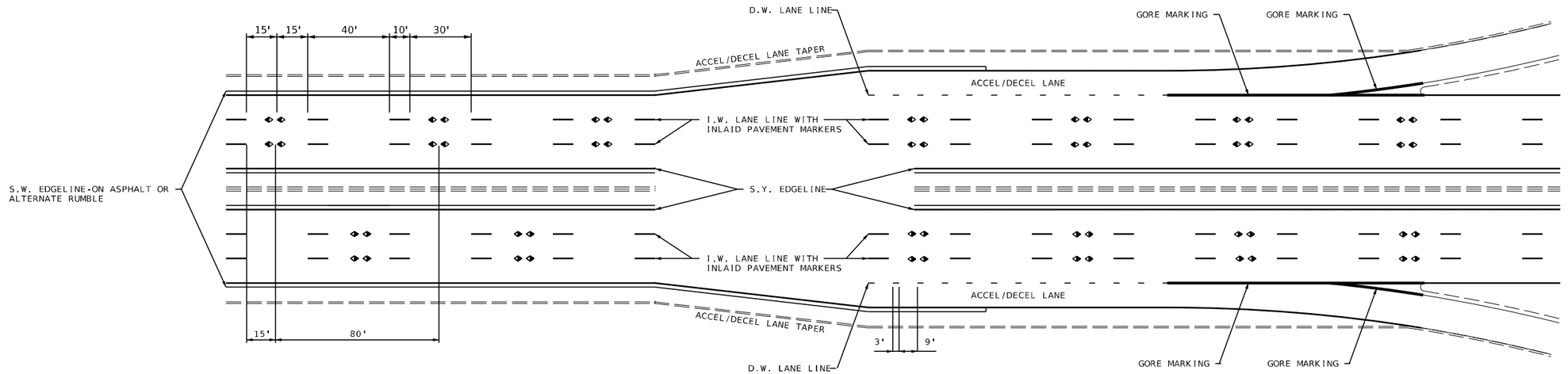
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

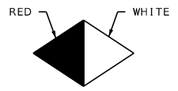

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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NOTE:

I.W. = 6" INTERMITTENT WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)
S.W. = 6" SOLID WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)
S.Y. = 6" SOLID YELLOW CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)
GORE = 12" SOLID WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)




IPM

PAVEMENT MARKING
& SIGNING
SHEET 31 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:33 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 295 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGNS | | | | | | CONCRETE FOOTINGS EMBEDDED | STRUCTURAL STEEL POSTS* | | | | | | PIPE POSTS* | | | | | BACKING BARS** | | | | U-CHANNEL POST | PERFORATED SQUARE STEEL TUBE | | | | | | | | | | | | | | | EFFECTIVE: 07-01-2024 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 902 SIGNAL SIGNS TABULATED ON D-37A SHEET | | | | | | | | | | | | | | | | | | | | | | 2-INCH POST | | | | | | 2.5-INCH POST | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | ANCHORS | | | | | | ANCHORS | | | BREAK-AWAY ASSEMBLY | REMARKS AND OTHER REQUIRED ITEMS |
| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | ITEM NO. 9031010 | POST DES NO. | POST NO.1 | POST NO.2 | POST NO.3 | LBS PER FT | TOTAL ITEM NO. 9031210 | PIPE SIZE | POST NO.1 | POST NO.2 | LBS PER FT | TOTAL ITEM NO. 9031220 | 2" X 3/8" BARS AT 2.55 LBS/FT NO. | LGTH | TOTAL | TOTAL | ITEM NO. 9031250A | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031270A | DRIVEN 12 GA. ITEM NO. 9031271A | DRIVEN 7 GA. ITEM NO. 9031273A | CONCRETE 7 GA. ITEM NO. 9031274 | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031280 | 2.25" INSERT (6 FT) ITEM NO. 9031272A | DRIVEN 7 GA. ITEM NO. 9031281A | CONCRETE 7 GA. ITEM NO. 9031285 | ITEM NO. 9031241 | |
| | | | | | | CY | | LF | LF | LF | LBS | LBS | IN | LF | LF | LBS | LBS | EACH | IN. | LF | LBS | LF | LF | LF | LF | EACH | EACH | EACH | LF | LF | LF | EACH | EACH | EACH | EACH | |
| 1 | ASSY | 787+00 | | I-70 EB | | 3.04 | 5 | 37.25 | 44.50 | | 26.00 | 2125.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 24 x 24 | 788+73 | | I-70 WB | | 0.13 | | | | | | | 2.5 | 15.25 | | 5.79 | 88.30 | | | | | | | | | | | | | | | | | | | | |
| 3 | 18 x 60 | 788+75 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 4 | 18 x 60 | 788+89 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 5 | 48 x 60 | 792+16 | | I-70 EB | | 0.36 | | | | | | | 4 | 18.75 | | 10.79 | 202.31 | | | | | | | | | | | | | | | | | | | | |
| 6 | ASSY | 794+92 | | I-70 WB | | 0.17 | 1 | 19.50 | | | 9.00 | 175.50 | | | | | | 6 | 50 | 25 | 63.75 | | | | | | | | | | | | | | | | |
| 8 | 18 x 60 | 800+03 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 9 | 18 x 60 | 800+09 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 10 | 18 x 60 | 810+16 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 11 | 18 x 60 | 810+19 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 12 | 18 x 60 | 822+02 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 13 | 18 x 60 | 822+17 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 15 | 48 x 48 | 825+36 | 2.2 | I-70 WB | | 0.36 | | | | | | | 4 | 9.25 | | 10.79 | 99.81 | | | | | | | | | | | | | | | | | | | | |
| 16 | 48 x 60 | 830+89 | | I-70 WB | | 0.36 | | | | | | | 4 | 21.00 | | 10.79 | 226.59 | | | | | | | | | | | | | | | | | | | | |
| 17 | ASSY | 832+58 | 2.2 | I-70 WB | | 0.36 | | | | | | | 4 | 11.50 | | 10.79 | 258.96 | | | | | | | | | | | | | | | | | | | | |
| 18 | ASSY | 832+58 | | I-70 WB | | 0.36 | | | | | | | 4 | 24.00 | | 10.79 | 258.96 | | | | | | | | | | | | | | | | | | | | |
| 19 | 18 x 60 | 833+70 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 20 | 18 x 60 | 833+78 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 21 | ASSY | 835+00 | | I-70 WB | | 2.74 | 5 | 30.25 | 34.25 | | 26.00 | 1677.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 48 x 60 | 839+94 | | I-70 EB | | 0.36 | | | | | | | 4 | 20.75 | | 10.79 | 223.89 | | | | | | | | | | | | | | | | | | | | |
| 23 | 72 x 36 | 841+08 | | I-70 WB | | 0.30 | 1 | 14.25 | 15.00 | | 9.00 | 263.25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 18 x 60 | 842+24 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 25 | 18 x 60 | 842+26 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 26 | ASSY | 844+11 | | I-70 WB | | 0.30 | 1 | 17.50 | 18.50 | | 9.00 | 324.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 18 x 60 | 853+24 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 28 | 18 x 60 | 853+36 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 29 | ASSY | 861+00 | | I-70 EB | | 2.72 | 4 | 28.00 | 29.25 | | 22.00 | 1259.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 18 x 60 | 862+68 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 31 | 18 x 60 | 863+53 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 32 | ASSY | 869+00 | | I-70 WB | | 2.74 | 5 | 29.25 | 33.00 | | 26.00 | 1618.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 18 x 60 | 874+80 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 34 | 18 x 60 | 874+86 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 35 | 48 x 60 | 876+95 | | I-70 WB | | 0.36 | | | | | | | 4 | 21.00 | | 10.79 | 226.59 | | | | | | | | | | | | | | | | | | | | |
| 36 | 18 x 60 | 885+15 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 37 | 18 x 60 | 885+19 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 38 | ASSY | 887+00 | | I-70 EB | | 2.72 | 4 | 28.25 | 33.75 | | 22.00 | 1364.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | ASSY | 887+57 | | I-70 WB | | 0.30 | 1 | 16.25 | 16.75 | | 9.00 | 297.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 48 x 60 | 891+23 | | I-70 EB | | 0.36 | | | | | | | 4 | 21.00 | | 10.79 | 226.59 | | | | | | | | | | | | | | | | | | | | |
| 41 | 18 x 60 | 894+89 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 42 | 18 x 60 | 895+01 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 44 | 18 x 60 | 904+29 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 45 | 18 x 60 | 904+37 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 47 | 18 x 60 | 916+40 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 48 | 18 x 60 | 916+44 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 50 | 48 x 60 | 920+91 | | I-70 WB | | 0.36 | | | | | | | 4 | 15.00 | | 10.79 | 161.85 | | | | | | | | | | | | | | | | | | | | |
| 51 | ASSY | 925+90 | | I-70 EB | | 1.00 | 2 | 20.50 | 20.25 | | 15.00 | 611.25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL TABLE 1 | | | | | | 19.40 | | | | | | 9715.5 | | | | | 1973.9 | | | | 63.8 | | | | 416 | | | 26 | | | | | | | | |
| PAY TOTAL | | | | | | (1) | | | | | | (1) | | | | | (1) | | | | ** | | | | (1) | | | (1) | | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
(1) SEE I-70 POST TABLE 4 FOR PAY TOTAL

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## ROUND PIPE POST AND FOOTING DATA TABLE

| NOM.SIZE | WEIGHT | | STUB LENGTH | FOOTING | | CONCRETE |
|---|---|---|---|---|---|---|
| (IN.) | LBS/FT | LBS/IN | | DIA. | DEPTH | C.Y. |
| 2½ | 5.79 | 0.48 | 4'- 3½" | 12" | 4-6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3½" | 18" | 5-6" | 0.36 |

## STRUCTURAL STEEL POST AND FOOTING DATA TABLE

| POST | | | | | FOOTING | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POST DES. NO. | NOM. SIZE | WEIGHT LBS/FT | WEIGHT LBS/IN | STUB LENGTH | DIA. | LEVEL GROUND DEPTH | LEVEL GROUND C.Y. | 6:1 GRADE DEPTH | 6:1 GRADE C.Y. | 4:1 GRADE DEPTH | 4:1 GRADE C.Y. | 3:1 OR 2:1 GRADE DEPTH | 3:1 OR 2:1 GRADE C.Y. |
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 |

I-70 POST TABLE 1 D-29

PAVEMENT MARKING & SIGNING
SHEET 32 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 296
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

c:\bmcd_lib\pw_connect\trn\d0185118\296_SN_32_JST0017B_I10_I70_D-29.dgn 3:12:21 PM 10/27/2025

| SIGNS | | | | | | CONCRETE FOOTINGS EMBEDDED | STRUCTURAL STEEL POSTS* | | | | | | PIPE POSTS* | | | | | BACKING BARS** | | | | U-CHANNEL POST | PERFORATED SQUARE STEEL TUBE | | | | | | | | | | | | | | EFFECTIVE: 07-01-2024 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 902 SIGNAL SIGNS TABULATED ON D-37A SHEET | | | | | | | | | | | | | | | | | | | | | | 2-INCH POST | | | | | | 2.5-INCH POST | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | ANCHORS | | | | | | ANCHORS | | | BREAK-AWAY | |
| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | ITEM NO. 9031010 | POST DES NO. | POST NO.1 | POST NO.2 | POST NO.3 | LBS PER FT | TOTAL ITEM NO. 9031210 | PIPE SIZE | POST NO.1 | POST NO.2 | LBS PER FT | TOTAL ITEM NO. 9031220 | 2" X 3/8" BARS AT 2.55 LBS/FT NO. | LGTH | TOTAL | TOTAL | ITEM NO. 9031250A | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031270A | DRIVEN 12 GA. ITEM NO. 9031271A | DRIVEN 7 GA. ITEM NO. 9031273A | CONCRETE 7 GA. ITEM NO. 9031274 | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031280 | 2.25" INSERT (6 FT) ITEM NO. 9031272A | DRIVEN 7 GA. ITEM NO. 9031281A | CONCRETE 7 GA. ITEM NO. 9031285 | ASSEMBLY ITEM NO. 9031241 | REMARKS AND OTHER REQUIRED ITEMS |
| | | | | | | CY | | LF | LF | LF | | LBS | IN | LF | LF | | LBS | EACH | IN. | LF | LBS | LF | LF | LF | LF | EACH | EACH | EACH | LF | LF | LF | EACH | EACH | EACH | EACH | |
| 52 | 18 x 60 | 927+59 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 53 | 18 x 60 | 927+66 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 54 | ASSY | 930+37 | | I-70 WB | | | | | | | | | | | | | | 2 | 30 | 5 | 12.75 | | | | | | | | | | | | | | |
| 55 | 18 x 60 | 938+10 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 56 | 18 x 60 | 938+27 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 57 | 132 x 60 | 939+10 | | I-70 EB | | 0.30 | 1 | 16.50 | 17.50 | | 9.00 | 306.00 | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 48 x 60 | 941+51 | | I-70 EB | | 0.36 | | | | | | | 4 | 18.50 | | 10.79 | 199.62 | | | | | | | | | | | | | | | | | | |
| 59 | 18 x 60 | 946+97 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 60 | 18 x 60 | 947+13 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 63 | 18 x 60 | 958+06 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 64 | 18 x 60 | 958+15 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 65 | 48 x 60 | 960+41 | | I-70 WB | | 0.36 | | | | | | | 4 | 20.00 | | 10.79 | 215.80 | | | | | | | | | | | | | | | | | | |
| 66 | 132 x 60 | 963+50 | | I-70 WB | | 0.34 | 1 | 18.00 | 20.50 | | 9.00 | 346.50 | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 108 x 36 | 963+85 | | I-70 EB | | 0.30 | 1 | 16.50 | 18.75 | | 9.00 | 317.25 | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | ASSY | 970+46 | | I-70 WB | | 2.72 | 4 | 27.50 | 31.00 | | 22.00 | 1287.00 | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 18 x 60 | 971+19 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 70 | 18 x 60 | 971+19 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 71 | 48 x 30 | 972+63 | | I-70 EB | | 0.13 | | | | | | | 2.5 | 15.00 | | 5.79 | 86.85 | 2 | 30 | 5 | 12.75 | | | | | | | | | | | | | | |
| 72 | 18 x 60 | 979+24 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 73 | 18 x 60 | 979+27 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 74 | ASSY | 985+63 | | I-70 EB | | 4.12 | 4 | 27.75 | 28.00 | 28.75 | 22.00 | 1859.00 | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | ASSY | 986+45 | | I-70 WB | | 1.00 | 2 | 20.50 | 21.50 | | 15.00 | 630.00 | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 18 x 60 | 989+61 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 77 | 18 x 60 | 989+63 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 78 | 18 x 60 | 998+91 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 79 | 18 x 60 | 998+95 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 80 | 18 x 60 | 1012+35 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 81 | 18 x 60 | 1012+41 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 82 | 18 x 60 | 1021+42 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 83 | 18 x 60 | 1021+53 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 84 | 48 x 60 | 1029+72 | | I-70 WB | | 0.36 | | | | | | | 4 | 18.50 | | 10.79 | 199.62 | | | | | | | | | | | | | | | | | | |
| 85 | 18 x 60 | 1033+14 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 86 | 18 x 60 | 1033+16 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 87 | ASSY | 1037+00 | | I-70 EB | | 4.35 | 4 | 30.00 | 33.25 | 39.00 | 22.00 | 2249.50 | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | 48 x 60 | 1040+07 | | I-70 EB | | 0.36 | | | | | | | 4 | 21.00 | | 10.79 | 226.59 | | | | | | | | | | | | | | | | | | |
| 89 | 18 x 60 | 1042+75 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 90 | 18 x 60 | 1042+79 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 92 | 18 x 60 | 1052+39 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 93 | 18 x 60 | 1052+40 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 94 | 18 x 60 | 1060+48 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 96 | 18 x 60 | 1061+89 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 97 | 108 x 36 | 1065+87 | | I-70 WB | | 0.30 | 1 | 14.50 | 13.75 | | 9.00 | 254.25 | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | 48 x 60 | 1068+92 | | I-70 WB | | 0.36 | | | | | | | 4 | 18.50 | | 10.79 | 199.62 | | | | | | | | | | | | | | | | | | |
| 99 | ASSY | 1072+25 | | I-70 WB | | 4.08 | 4 | 29.25 | 31.75 | 37.00 | 22.00 | 2156.00 | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 18 x 60 | 1074+84 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 101 | 18 x 60 | 1074+94 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 102 | 48 x 60 | 1082+19 | | I-70 EB | | 0.36 | | | | | | | 4 | 18.50 | | 10.79 | 199.62 | | | | | | | | | | | | | | | | | | |
| 103 | 18 x 60 | 1085+74 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 104 | 18 x 60 | 1085+78 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | |
| 105 | 180 x 84 | 1089+18 | | I-70 WB | | 1.04 | 2 | 19.50 | 20.00 | | 15.00 | 592.50 | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 168 x 60 | 1091+97 | | I-70 WB | | 0.30 | 1 | 16.25 | 17.75 | | 9.00 | 306.00 | | | | | | | | | | | | | | | | | | | | | | | |
| | | SUBTOTAL TABLE 2 | | | | 21.14 | | | | | | 10304.0 | | | | | 1327.7 | | | | 25.5 | | | | 512 | | | 32 | | | | | | | |
| | | PAY TOTAL | | | | (1) | | | | | | (1) | | | | | (1) | | | | ** | | | | (1) | | | (1) | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
(1) SEE POST TABLE 4 FOR PAY TOTAL

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

ROUND PIPE POST AND FOOTING DATA TABLE

| NOM.SIZE | WEIGHT | | STUB LENGTH | FOOTING | | CONCRETE |
|---|---|---|---|---|---|---|
| (IN.) | LBS/FT | LBS/IN | | DIA. | DEPTH | C.Y. |
| 2½ | 5.79 | 0.48 | 4'- 3½" | 12" | 4-6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3½" | 18" | 5-6" | 0.36 |

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

| POST | | | | | FOOTING | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POST DES. NO. | NOM. SIZE | WEIGHT LBS/FT | WEIGHT LBS/IN | STUB LENGTH | DIA. | LEVEL GROUND DEPTH | LEVEL GROUND C.Y. | 6:1 GRADE DEPTH | 6:1 GRADE C.Y. | 4:1 GRADE DEPTH | 4:1 GRADE C.Y. | 3:1 OR 2:1 GRADE DEPTH | 3:1 OR 2:1 GRADE C.Y. |
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 |

I-70 POST TABLE 2 D-29

PAVEMENT MARKING & SIGNING
SHEET 33 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 297
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

# SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | CONCRETE FOOTINGS EMBEDDED ITEM NO. 9031010 CY | STRUCTURAL STEEL POSTS* POST DES NO. | POST NO.1 LF | POST NO.2 LF | POST NO.3 LF | LBS PER FT | TOTAL ITEM NO. 9031210 LBS | PIPE POSTS* PIPE SIZE IN | POST NO.1 LF | POST NO.2 LF | LBS PER FT | TOTAL ITEM NO. 9031220 LBS | BACKING BARS** 2" X 3/8" BARS AT 2.55 LBS/FT NO. EACH | LGTH IN. | TOTAL LF | TOTAL LBS | U-CHANNEL POST ITEM NO. 9031250A LF | PERFORATED SQUARE STEEL TUBE 2-INCH POST POST NO.1 LF | POST NO.2 LF | TOTAL ITEM NO. 9031270A LF | ANCHORS DRIVEN 12 GA. ITEM NO. 9031271A EACH | DRIVEN 7 GA. ITEM NO. 9031273A EACH | CONCRETE 7 GA. ITEM NO. 9031274 EACH | 2.5-INCH POST POST NO.1 LF | POST NO.2 LF | TOTAL ITEM NO. 9031280 LF | 2.25" INSERT (6 FT) ITEM NO. 9031272A EACH | ANCHORS DRIVEN 7 GA. ITEM NO. 9031281A EACH | CONCRETE 7 GA. ITEM NO. 9031285 EACH | BREAK-AWAY ASSEMBLY ITEM NO. 9031241 EACH | REMARKS AND OTHER REQUIRED ITEMS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 107 | 18 x 60 | 1094+12 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 108 | 18 x 60 | 1094+24 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 109 | 108 x 60 | 1109+13 | | I-70 EB | | 0.30 | 1 | 16.25 | 17.25 | | 9.00 | 301.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 18 x 60 | 1110+11 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 111 | 18 x 60 | 1110+15 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 112 | 18 x 60 | 1118+87 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 113 | 18 x 60 | 1118+92 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 114 | ASSY | 1118+93 | | I-70 WB | | 4.08 | 4 | 27.50 | 26.25 | 27.25 | 22.00 | 1782.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 18 x 60 | 1129+89 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 116 | 18 x 60 | 1130+02 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 117 | 18 x 60 | 1140+47 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 118 | 18 x 60 | 1140+58 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 119 | 18 x 60 | 1152+03 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 120 | 18 x 60 | 1152+05 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 121 | 18 x 60 | 1162+71 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 122 | 18 x 60 | 1162+72 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 123 | 18 x 60 | 1171+86 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 124 | 18 x 60 | 1171+99 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 125 | 18 x 60 | 1182+88 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 126 | 18 x 60 | 1182+95 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 127 | 264 x 144 | 1192+07 | | I-70 WB | | 2.29 | 3 | 25.25 | 25.00 | 22.50 | 18.00 | 1309.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 18 x 60 | 1193+25 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 129 | 18 x 60 | 1193+35 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 130 | 18 x 60 | 1201+80 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 131 | 18 x 60 | 1201+85 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 132 | 18 x 60 | 1212+76 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 133 | 18 x 60 | 1212+80 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 134 | 18 x 60 | 1223+13 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 135 | 18 x 60 | 1223+13 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 136 | 18 x 60 | 1235+08 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 137 | 18 x 60 | 1235+15 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 138 | 18 x 60 | 1244+06 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 139 | 18 x 60 | 1244+13 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 140 | ASSY | 1250+47 | | I-70 EB | | 2.810 | 4 | 27.75 | 32.75 | | 22.00 | 1331.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 18 x 60 | 1256+88 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 142 | 18 x 60 | 1257+08 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 143 | 18 x 60 | 1266+89 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 144 | 18 x 60 | 1266+95 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 145 | 120 x 60 | 1269+43 | | I-70 EB | | 0.30 | 1 | 16.25 | 17.50 | | 9.00 | 303.75 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 18 x 60 | 1277+79 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 147 | 18 x 60 | 1277+87 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 148 | 18 x 60 | 1287+51 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 149 | 18 x 60 | 1287+58 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 150 | 48 x 60 | 1295+47 | | I-70 WB | | 0.36 | | | | | | | 4 | 18.25 | | 10.79 | 196.92 | | | | | | | | | | | | | | | | | | | |
| 151 | 18 x 60 | 1296+90 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 152 | 18 x 60 | 1296+97 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 153 | ASSY | 1306+00 | | I-70 EB | | 2.90 | 4 | 28.75 | 34.25 | | 22.00 | 1386.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 154 | 48 x 60 | 1310+02 | | I-70 EB | | 0.36 | | | | | | | 4 | 20.50 | | 10.79 | 221.20 | | | | | | | | | | | | | | | | | | | |
| 155 | 18 x 60 | 1312+94 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 156 | 18 x 60 | 1312+98 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 158 | 18 x 60 | 1328+12 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 159 | 18 x 60 | 1328+15 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 161 | 48 x 60 | 1337+26 | | I-70 WB | | 0.36 | | | | | | | 4 | 18.50 | | 10.79 | 199.62 | | | | | | | | | | | | | | | | | | | |
| 162 | 18 x 60 | 1337+98 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 163 | 18 x 60 | 1338+14 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 164 | ASSY | 1341+50 | | I-70 WB | | 2.90 | 4 | 28.75 | 36.50 | | 22.00 | 1435.50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SUBTOTAL TABLE 3 | | | | | 16.66 | | | | | | 7849.3 | | | | | 617.7 | | | | | | | 736 | | | 46 | | | | | | | | |
| | PAY TOTAL | | | | | (1) | | | | | | (1) | | | | | (1) | | | | ** | | | (1) | | | (1) | | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.

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## ROUND PIPE POST AND FOOTING DATA TABLE

| NOM.SIZE (IN.) | WEIGHT LBS/FT | WEIGHT LBS/IN | STUB LENGTH | FOOTING DIA. | FOOTING DEPTH | CONCRETE C.Y. |
|---|---|---|---|---|---|---|
| 2½ | 5.79 | 0.48 | 4'- 3½" | 12" | 4~6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3½" | 18" | 5~6" | 0.36 |

## STRUCTURAL STEEL POST AND FOOTING DATA TABLE

| POST DES. NO. | POST NOM. SIZE | POST WEIGHT LBS/FT | POST WEIGHT LBS/IN | POST STUB LENGTH | FOOTING DIA. | FOOTING LEVEL GROUND DEPTH | FOOTING LEVEL GROUND C.Y. | FOOTING 6:1 GRADE DEPTH | FOOTING 6:1 GRADE C.Y. | FOOTING 4:1 GRADE DEPTH | FOOTING 4:1 GRADE C.Y. | FOOTING 3:1 OR 2:1 GRADE DEPTH | FOOTING 3:1 OR 2:1 GRADE C.Y. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 |

I-70 POST TABLE 3 D-29

PAVEMENT MARKING & SIGNING
SHEET 34 OF 61

EFFECTIVE: 07-01-2024

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 298
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGNS | | | | | | CONCRETE FOOTINGS EMBEDDED | STRUCTURAL STEEL POSTS* | | | | | | PIPE POSTS* | | | | | BACKING BARS** | | | | U-CHANNEL POST | PERFORATED SQUARE STEEL TUBE | | | | | | | | | | | | | EFFECTIVE: 07-01-2024 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 902 SIGNAL SIGNS TABULATED ON D-37A SHEET | | | | | | | | | | | | | | | | | | | | | | 2-INCH POST | | | | | | 2.5-INCH POST | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | ANCHORS | | | | | | ANCHORS | | | BREAK-AWAY | |
| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | ITEM NO. 9031010 | POST DES NO. | POST NO.1 | POST NO.2 | POST NO.3 | LBS PER FT | TOTAL ITEM NO. 9031210 | PIPE SIZE | POST NO.1 | POST NO.2 | LBS PER FT | TOTAL ITEM NO. 9031220 | 2" X 3/8" BARS AT 2.55 LBS/FT NO. | LGTH | TOTAL | TOTAL | ITEM NO. 9031250A | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031270A | DRIVEN 12 GA. ITEM NO. 9031271A | DRIVEN 7 GA. ITEM NO. 9031273A | CONCRETE 7 GA. ITEM NO. 9031274 | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031280 | 2.25" INSERT (6 FT) ITEM NO. 9031272A | DRIVEN 7 GA. ITEM NO. 9031281A | CONCRETE 7 GA. ITEM NO. 9031285 | ASSEMBLY ITEM NO. 9031241 | REMARKS AND OTHER REQUIRED ITEMS |
| | | | | | | CY | | LF | LF | LF | | LBS | IN | LF | LF | | LBS | EACH | IN. | LF | LBS | LF | LF | | LF | EACH | EACH | EACH | EACH | | LF | | | EACH | EACH | EACH | |
| 165 | 48 x 60 | 1348+04 | | I-70 EB | | 0.36 | | | | | | | 4 | 19.25 | | 10.79 | 207.71 | | | | | | | | | | | | | | | | | | | | |
| 166 | 18 x 60 | 1349+66 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 167 | 18 x 60 | 1349+71 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 168 | 108x60 | 1359+05 | | I-70 EB | | 0.30 | 1 | 16.50 | 17.00 | | 9.00 | 301.50 | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 18 x 60 | 1359+47 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 170 | 18 x 60 | 1359+49 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 171 | 18 x 60 | 1370+27 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 172 | 18 x 60 | 1370+30 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 173 | 18 x 60 | 1381+52 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 174 | 18 x 60 | 1381+52 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 175 | 18 x 60 | 1391+03 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 176 | 18 x 60 | 1391+05 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 177 | ASSY | 1394+30 | | I-70 WB | | 2.90 | 4 | 27.75 | 25.00 | | 22.00 | 1160.50 | | | | | | | | | | | | | | | | | | | | | | | | |
| 178 | 18 x 60 | 1396+67 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 179 | 18 x 60 | 1396+71 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 180 | 18 x 60 | 1402+29 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 181 | 18 x 60 | 1402+40 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 182 | 18 x 60 | 1412+38 | | I-70 EB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 183 | 18 x 60 | 1412+50 | | I-70 WB | | | | | | | | | | | | | | | | | | | 16 | | 16 | | | 1 | | | | | | | | |
| 184 | ASSY | 1415+00 | | I-70 EB | | | | | | | | | 4 | 11.5 | | 10.79 | 124.09 | | | | | | | | | | | | | | | | | | | |
| 185 | ASSY | 1415+00 | | I-70 EB | | 0.36 | | | | | | | 4 | 23.00 | | 10.79 | 248.17 | | | | | | | | | | | | | | | | | | | |
| 186 | 48 x 48 | 1425+00 | | I-70 EB | | | | | | | | | 4 | 9.25 | | 10.79 | 99.81 | | | | | | | | | | | | | | | | | | | |
| | | SUBTOTAL TABLE 1 | | | | 19.40 | | | | | | 9715.5 | | | | | 1973.9 | | | | ** | | | | 416 | | | 26 | | | | | | | | |
| | | SUBTOTAL TABLE 2 | | | | 21.14 | | | | | | 10304.0 | | | | | 1327.7 | | | | ** | | | | 512 | | | 32 | | | | | | | | |
| | | SUBTOTAL TABLE 3 | | | | 16.66 | | | | | | 7849.3 | | | | | 617.7 | | | | ** | | | | 736 | | | 46 | | | | | | | | |
| | | SUBTOTAL TABLE 4 | | | | 3.92 | | | | | | 1462.0 | | | | | 679.8 | | | | ** | | | | 256 | | | 16 | | | | | | | | |
| | | PAY TOTAL | | | | 61.1 | | | | | | 29420 | | | | | 4600 | | | | ** | | | | 1920 | | | 120 | | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

| ROUND PIPE POST AND FOOTING DATA TABLE | | | | | | |
|---|---|---|---|---|---|---|
| NOM.SIZE | WEIGHT | | STUB LENGTH | FOOTING | | CONCRETE |
| (IN.) | LBS/FT | LBS/IN | | DIA. | DEPTH | C.Y. |
| 2½ | 5.79 | 0.48 | 4'- 3½" | 12" | 4-6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3½" | 18" | 5-6" | 0.36 |

| STRUCTURAL STEEL POST AND FOOTING DATA TABLE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| POST | | | | | FOOTING | | | | | | |
| POST DES. NO. | NOM. SIZE | WEIGHT LBS/FT | WEIGHT LBS/IN | STUB LENGTH | DIA. | LEVEL GROUND DEPTH | LEVEL GROUND C.Y. | 6:1 GRADE DEPTH | 6:1 GRADE C.Y. | 4:1 GRADE DEPTH | 4:1 GRADE C.Y. | 3:1 OR 2:1 GRADE DEPTH | 3:1 OR 2:1 GRADE C.Y. |
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 |

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I-70 POST TABLE 4 | D-29

PAVEMENT MARKING & SIGNING
SHEET 35 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 299
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

c:\bmcd_lib\pw_connect\trn\d0185118\299_SN_35_JST0017B_I10_I70_D-29.dgn 3:12:51 PM 10/27/2025

| SIGNS | | | | | | CONCRETE FOOTINGS EMBEDDED | STRUCTURAL STEEL POSTS* | | | | | | PIPE POSTS* | | | | | BACKING BARS** | | | | 4-INCH SQUARE PIPE POST | | | PERFORATED SQUARE STEEL TUBE 2.5-INCH POST | | | | | | BREAK-AWAY | EFFECTIVE: 07-01-2024 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 902 SIGNAL SIGNS TABULATED ON D-37A SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | ITEM NO. 9031010 | POST DES NO. | POST NO.1 | POST NO.2 | POST NO.3 | LBS PER FT | TOTAL ITEM NO. 9031210 | PIPE SIZE | POST NO.1 | POST NO.2 | LBS PER FT | TOTAL ITEM NO. 9031220 | 2" X 3/8" BARS AT 2.55 LBS/FT NO. | LGTH | TOTAL | TOTAL | POST SIZE | POST ITEM NO. 9031230 | BASE ITEM NO. 9031005 | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031280 | 2.25" INSERT (6 FT) ITEM NO. 9031272A | ANCHORS DRIVEN 7 GA. ITEM NO. 9031281A | ANCHORS CONCRETE 7 GA. ITEM NO. 9031285 | BREAK-AWAY ASSEMBLY ITEM NO. 9031241 | REMARKS AND OTHER REQUIRED ITEMS |
| | | | | | | CY | | LF | LF | LF | | LBS | IN | LF | LF | | LBS | EACH | IN. | LF | LBS | IN. | LF | EA | LF | LF | LF | EACH | EACH | EACH | EACH | |
| 7 | 72x84 | 798+18 | | I-70 EB | | | | | | | | | | | | | | | | | | 4 | 20.75 | 1 | | | | | | | |
| 14 | 72X84 | 824+08 | | I-70 WB | | | | | | | | | | | | | | | | | | 4 | 20.75 | 1 | | | | | | | |
| 43 | 72x84 | 897+98 | 4.5 | I-70 EB | | | | | | | | | | | | | | | | | | 4 | 19.50 | 1 | | | | | | | |
| 46 | 72X84 | 913+29 | | I-70 WB | | | | | | | | | | | | | | | | | | 4 | 19.50 | 1 | | | | | | | |
| 61 | 72x84 | 949+01 | | I-70 EB | | | | | | | | | | | | | | | | | | 4 | 20.75 | 1 | | | | | | | |
| 62 | 72X84 | 952+64 | | I-70 WB | | | | | | | | | | | | | | | | | | 4 | 20.25 | 1 | | | | | | | |
| 91 | 72x84 | 1047+59 | 3.9 | I-70 EB | | | | | | | | | | | | | | | | | | 4 | 19.50 | 1 | | | | | | | |
| 95 | 72X84 | 1061+25 | | I-70 WB | | | | | | | | | | | | | | | | | | 4 | 18.75 | 1 | | | | | | | |
| 157 | 72x84 | 1316+67 | 5 | I-70 EB | | | | | | | | | | | | | | | | | | 4 | 19.50 | 1 | | | | | | | |
| 160 | 72X84 | 1330+51 | | I-70 WB | | | | | | | | | | | | | | | | | | 4 | 19.75 | 1 | | | | | | | |
| | | | | SUBTOTAL | | | | | | | | | | | | | | | | | | | 199.0 | 10 | | | | | | | |
| | | | | TOTAL | | | | | | | | | | | | | | | | | ** | | 199 | 10 | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
**BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

DISCLAIMER
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ROUND PIPE POST AND FOOTING DATA TABLE

| NOM.SIZE | WEIGHT | | STUB LENGTH | FOOTING | | CONCRETE |
|---|---|---|---|---|---|---|
| (IN.) | LBS/FT | LBS/IN | | DIA. | DEPTH | C.Y. |
| 2½ | 5.79 | 0.48 | 4'- 3½" | 12" | 4~6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3½" | 18" | 5~6" | 0.36 |

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

| POST | | | | | FOOTING | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POST DES. NO. | NOM. SIZE | WEIGHT LBS/FT | WEIGHT LBS/IN | STUB LENGTH | DIA. | LEVEL GROUND DEPTH | LEVEL GROUND C.Y. | 6:1 GRADE DEPTH | 6:1 GRADE C.Y. | 4:1 GRADE DEPTH | 4:1 GRADE C.Y. | 3:1 OR 2:1 GRADE DEPTH | 3:1 OR 2:1 GRADE C.Y. |
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 |

I-70 4" SQ. PIPE POSTS | D-29

PAVEMENT MARKING & SIGNING
SHEET 36 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 300
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

## DELINEATOR POSTS

| PM & SIGNING SHEET NO. X OF 25 | ROADWAY | STA | STA | 7 FT CHANNEL POST DELINEATOR | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | DOUBLE STACKED WHITE | WHITE | YELLOW | WHITE/RED | YELLOW/RED | |
| | | | | EA | EA | EA | EA | EA | |
| 2 | I-70 EB | 784+89 | 787+00 | | 1 | | | | EB MAINLINE |
| 2 | I-70 WB | 784+89 | 792+75 | | 2 | | | | WB MAINLINE |
| 2 | I-70 EB EXIT RAMP | 787+00 | 797+44 | 6 | | | 4 | 1 | EB EXIT RAMP 101 |
| 2 | I-70 WB ENTRANCE RAMP | 792+75 | 805+85 | 9 | 3 | 1 | | | WB ENTRANCE RAMP 101 |
| 3 | I-70 EB ENTRANCE RAMP | 820+57 | 833+75 | 7 | 4 | 1 | | | EB ENTRANCE RAMP 101 |
| 3 | I-70 WB EXIT RAMP | 824+36 | 835+20 | 6 | | | 4 | 1 | WB EXIT RAMP 101 |
| 3-5 | I-70 EB | 833+75 | 887+10 | | 2 | | | | EB MAINLINE |
| 3-5 | I-70 WB | 835+20 | 883+75 | | 2 | | | | WB MAINLINE |
| 5-6 | I-70 WB ENTRANCE RAMP | 883+75 | 896+91 | 9 | 2 | 1 | | | WB ENTRANCE RAMP 103 |
| 5-6 | I-70 EB EXIT RAMP | 887+10 | 897+54 | 6 | | | 3 | 1 | EB EXIT RAMP 103 |
| 6-7 | I-70 EB ENTRANCE RAMP | 911+98 | 925+05 | 8 | 4 | 1 | | | EB ENTRANCE RAMP 103 |
| 6-7 | I-70 WB EXIT RAMP | 913+64 | 930+00 | 13 | | | 3 | 1 | WB EXIT RAMP 103 SPLIT AT 930+00 |
| 7 | I-70 EB | 925+05 | 938+06 | | 2 | | | | EB MAINLINE |
| 7 | I-70 WB ENTRANCE RAMP | 930+00 | 940+43 | 8 | 2 | 1 | | | WB ENTRANCE RAMP REST AREA SPLIT AT 930+00 |
| 7-8 | I-70 EB EXIT RAMP | 938+06 | 948+61 | 6 | | | 2 | 1 | EB EXIT RAMP REST AREA |
| 8 | I-70 WB EXIT RAMP | 953+17 | 963+50 | 7 | | | 3 | 1 | WB EXIT RAMP REST AREA |
| 8-9 | I-70 EB ENTRANCE RAMP | 961+46 | 978+75 | 15 | 2 | 1 | | | EB ENTRANCE RAMP REST AREA |
| 8-11 | I-70 WB | 963+50 | 1034+35 | | 2 | | | | WB MAINLINE |
| 9-11 | I-70 EB | 978+75 | 1036+34 | | 2 | | | | EB MAINLINE |
| 11 | I-70 WB ENTRANCE RAMP | 1034+35 | 1047+45 | 10 | 2 | 1 | | | WB ENTRANCE RAMP 106 |
| 11 | I-70 EB EXIT RAMP | 1036+34 | 1047+27 | 6 | | | 3 | 1 | EB EXIT RAMP 106 |
| 12 | I-70 WB EXIT RAMP | 1061+00 | 1072+15 | 6 | | | 4 | 1 | WB EXIT RAMP 106 |
| 12 | I-70 EB ENTRANCE RAMP | 1062+43 | 1075+40 | 9 | 3 | 1 | | | EB ENTRANCE RAMP 106 |
| 12-21 | I-70 WB | 1072+15 | 1303+60 | | 2 | | | | WB MAINLINE |
| 12-21 | I-70 EB | 1075+40 | 1305+94 | | 2 | | | | EB MAINLINE |
| 21 | I-70 WB ENTRANCE RAMP | 1303+60 | 1316+68 | 9 | 3 | 1 | | | WB ENTRANCE RAMP 111 |
| 21 | I-70 EB EXIT RAMP | 1305+94 | 1316+33 | 7 | | | 3 | 1 | EB EXIT RAMP 111 |
| 22 | I-70 EB ENTRANCE RAMP | 1330+04 | 1343+10 | 8 | 4 | 2 | | | EB ENTRANCE RAMP 111 |
| 22 | I-70 WB EXIT RAMP | 1330+99 | 1341+30 | 6 | | | 7 | 8 | WB EXIT RAMP 111 |
| 23 | I-70 WB | 1341+30 | 1420+00 | | 1 | | | | WB MAINLINE |
| 23 | I-70 EB | 1343+10 | 1420+00 | | 1 | | | | EB MAINLINE |
| | | | SUBTOTAL | 161 | 48 | 11 | 36 | 17 | |
| | | | PAY TOTAL | 161 | 48 | 11 | 36 | 17 | |

## TEMPORARY GROUND MOUNTED LOGO SIGNS

| SIGNING SHEET NO. | SIGN NUMBER | STATION | LOCATION | TEMPORARY GROUND MOUNTED LOGO SIGNS | REMARKS |
|---|---|---|---|---|---|
| | | | | (EA) | |
| 4 | L1 | 838+97 | I-70 WB | 1 | GAS-EXIT 101 |
| 4 | L2 | 846+36 | I-70 EB | 1 | LODGING-EXIT 103 /ATTRACTION-EXIT 103 |
| 4 | L3 | 848+03 | I-70 WB | 1 | FOOD-EXIT 101 |
| 4 | L4 | 855+79 | I-70 EB | 1 | FOOD-EXIT 103 |
| 4 | L5 | 858+90 | I-70 EB | 1 | KATY TRAIL STATE PARK-EXIT 103 |
| 4 | L6 | 864+08 | I-70 WB | 1 | LODGING-EXIT 101 |
| 5 | L7 | 878+97 | I-70 EB | 1 | GAS-EXIT 103 |
| 7 | L8 | 927+84 | I-70 WB | 1 | GAS-EXIT 103 |
| 7 | L9 | 939+04 | I-70 WB | 1 | KATY TRAIL STATE PARK-EXIT 103 |
| 9 | L10 | 978+61 | I-70 WB | 1 | FOOD-EXIT 103 |
| 9 | L11 | 994+49 | I-70 WB | 1 | LODGING-EXIT 103/ATTRACTION-EXIT 103 |
| 10 | L12 | 1010+87 | I-70 EB | 1 | GAS-EXIT 106 |
| 13 | L13 | 1084+72 | I-70 WB | 1 | STATE FAIR COLLEGE-NEXT RIGHT |
| 13 | L14 | 1099+83 | I-70 WB | 1 | GAS-EXIT 106 |
| 20 | L15 | 1293+75 | I-70 EB | 1 | BIG MUDDY NATIONAL WILDLIFE REFUGE- EXIT 111 |
| 21 | L16 | 1302+19 | I-70 EB | 1 | GAS-EXIT 111 |
| 22 | L17 | 1348+70 | I-70 WB | 1 | GAS-EXIT 111 |
| 23 | L18 | 1367+40 | I-70 WB | 1 | BIG MUDDY NATIONAL WILDLIFE REFUGE- EXIT 111 |
| | | | PAY TOTAL | 18 | |

NOTE:TEMPORARY GROUND MOUNTED LOGO SIGNS TO BE USED AS NEEDED BY THE DIRECTION OF THE ENGINEER.

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I-70 7' DELINEATOR POSTS & TEMPORARY GROUND MOUNTED LOGOS SIGNS D-29

PAVEMENT MARKING & SIGNING
SHEET 37 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 301 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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| SIGN NO. | STATION OR LOG MILE | LOCATION | SH D10-5 18 x 60 | SH R2-1 48 x 60 | SH M6-2P 21 x 15 | SH M3-4 24 x 12 | SH M1-1 24 x 24 | SH M1-4 24 x 24 | SHF W13-2 48 x 60 | SHF W4-2L 48X48 | SHF W13-2 48 x 60 | SH M3-2 24 x 12 | SHF W9-1L 48 x 48 | SHF W16-2P 30 x 24 | SHF W13-2 48 x 60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 787+00 | I-70 EB | | | 1 | | | | | | | | | | |
| 3 | 788+75 | I-70 EB | 1 | | | | | | | | | | | | |
| 4 | 788+89 | I-70 WB | 1 | | | | | | | | | | | | |
| 5 | 792+16 | I-70 EB | | | | | | | 1 | | | | | | |
| 6 | 794+92 | I-70 WB | | | | 1 | 1 | 1 | | | | | | | |
| 8 | 800+03 | I-70 EB | 1 | | | | | | | | | | | | |
| 9 | 800+09 | I-70 WB | 1 | | | | | | | | | | | | |
| 10 | 810+16 | I-70 WB | 1 | | | | | | | | | | | | |
| 11 | 810+19 | I-70 EB | 1 | | | | | | | | | | | | |
| 12 | 822+02 | I-70 WB | 1 | | | | | | | | | | | | |
| 13 | 822+17 | I-70 EB | 1 | | | | | | | | | | | | |
| 15 | 825+36 | I-70 WB | | | | | | | | 1 | | | | | |
| 16 | 830+89 | I-70 WB | | | | | | | | | 1 | | | | |
| 17 | 832+58 | I-70 WB | | | | | | | | | | | 1 | 1 | |
| 18 | 832+58 | I-70 WB | | | | | | | | | | | 1 | 1 | |
| 19 | 833+70 | I-70 WB | 1 | | | | | | | | | | | | |
| 20 | 833+78 | I-70 EB | 1 | | | | | | | | | | | | |
| 22 | 839+94 | I-70 EB | | 1 | | | | | | | | | | | |
| 24 | 842+24 | I-70 EB | 1 | | | | | | | | | | | | |
| 25 | 842+26 | I-70 WB | 1 | | | | | | | | | | | | |
| 27 | 853+24 | I-70 EB | 1 | | | | | | | | | | | | |
| 28 | 853+36 | I-70 WB | 1 | | | | | | | | | | | | |
| 30 | 862+68 | I-70 WB | 1 | | | | | | | | | | | | |
| 31 | 863+53 | I-70 EB | 1 | | | | | | | | | | | | |
| 33 | 874+80 | I-70 EB | 1 | | | | | | | | | | | | |
| 34 | 874+86 | I-70 WB | 1 | | | | | | | | | | | | |
| 35 | 876+95 | I-70 WB | | 1 | | | | | | | | | | | |
| 36 | 885+15 | I-70 EB | 1 | | | | | | | | | | | | |
| 37 | 885+19 | I-70 WB | 1 | | | | | | | | | | | | |
| 40 | 891+23 | I-70 EB | | | | | | | | | 1 | | | | |
| 41 | 894+89 | I-70 WB | 1 | | | | | | | | | | | | |
| 42 | 895+01 | I-70 EB | 1 | | | | | | | | | | | | |
| 44 | 904+29 | I-70 WB | 1 | | | | | | | | | | | | |
| 45 | 904+37 | I-70 EB | 1 | | | | | | | | | | | | |
| 47 | 916+40 | I-70 EB | 1 | | | | | | | | | | | | |
| 48 | 916+44 | I-70 WB | 1 | | | | | | | | | | | | |
| 50 | 919+84 | I-70 WB | | | | | | | | | 1 | | | | |
| 52 | 927+59 | I-70 EB | 1 | | | | | | | | | | | | |
| 53 | 927+66 | I-70 WB | 1 | | | | | | | | | | | | |
| 55 | 938+10 | I-70 EB | 1 | | | | | | | | | | | | |
| 56 | 938+27 | I-70 WB | 1 | | | | | | | | | | | | |
| 58 | 941+51 | I-70 EB | | | | | | | | | | | | | 1 |
| 59 | 946+97 | I-70 EB | 1 | | | | | | | | | | | | |
| 60 | 947+13 | I-70 WB | 1 | | | | | | | | | | | | |
| 63 | 958+06 | I-70 EB | 1 | | | | | | | | | | | | |
| 64 | 958+15 | I-70 WB | 1 | | | | | | | | | | | | |
| 65 | 960+41 | I-70 WB | | | | | | | | | | | | | 1 |
| 69 | 971+19 | I-70 WB | 1 | | | | | | | | | | | | |
| 70 | 971+19 | I-70 EB | 1 | | | | | | | | | | | | |
| 72 | 979+24 | I-70 WB | 1 | | | | | | | | | | | | |
| 73 | 979+27 | I-70 EB | 1 | | | | | | | | | | | | |
| 76 | 989+61 | I-70 WB | 1 | | | | | | | | | | | | |
| 77 | 989+63 | I-70 EB | 1 | | | | | | | | | | | | |
| 78 | 998+91 | I-70 WB | 1 | | | | | | | | | | | | |
| 79 | 998+95 | I-70 EB | 1 | | | | | | | | | | | | |
| 80 | 1012+35 | I-70 WB | 1 | | | | | | | | | | | | |
| 81 | 1012+41 | I-70 EB | 1 | | | | | | | | | | | | |
| 82 | 1021+42 | I-70 EB | 1 | | | | | | | | | | | | |
| SUBTOTAL TABLE 1 | | | 45 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 |
| TOTAL | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |

## SIGN SUMMARY

EFFECTIVE: 10-01-2016

| STANDARD OR SPECIAL SIGN DESIGNATION | SIGN DTL. SHT. NO. | NO. EACH | SIGN SIZE | TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A | FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A | STRUCTURAL ST ITEM NO. 9035011A | STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A |
|---|---|---|---|---|---|---|---|
| D10-5 | | 45 | 18 x 60 | 337.50 | | | |
| R2-1 | | 2 | 48 x 60 | 40.00 | | | |
| M6-2P | | 1 | 21 x 15 | 2.19 | | | |
| M3-4 | | 1 | 24 x 12 | 2.00 | | | |
| M1-1 | | 1 | 24 x 24 | 4.00 | | | |
| M1-4 | | 1 | 24 x 24 | 4.00 | | | |
| W13-2 | | 1 | 48 x 60 | | 20.00 | | |
| W4-2L | | 1 | 48 x 48 | | 16.00 | | |
| W13-2 | | 3 | 48 x 60 | | 60.00 | | |
| M3-2 | | | 24 x 12 | | | | |
| W9-1L | | 2 | 48 x 48 | | 32.00 | | |
| W16-2P | | 2 | 30 x 24 | | 10.00 | | |
| W13-2 | | 2 | 48 x 60 | | 40.00 | | |
| SIGN 1 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 1 (b) | | 1 | 192 x 192 | | | 256.00 | |
| SIGN 1 (c) | | 1 | 24 x 24 | 4.00 | | | |
| SIGN 2 | | 1 | 24 X 24 | 4.00 | | | |
| SIGN 21 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 21 (b) | | 1 | 192 x 192 | | | 256.00 | |
| SIGN 23 | | 1 | 72 x 36 | 18.00 | | | |
| SIGN 26 (a) | | 1 | 120 x 24 | | | | 20.00 |
| SIGN 26 (b) | | 1 | 120 x 48 | | | 40.00 | |
| SIGN 29 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 29 (b) | | 1 | 180 x 168 | | | 210.00 | |
| SIGN 32 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 32 (b) | | 1 | 192 x 192 | | | 256.00 | |
| SIGN 38 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 38 (b) | | 1 | 180 x 168 | | | 210.00 | |
| SIGN 39 (a) | | 1 | 120 x 24 | | | | 20.00 |
| SIGN 39 (b) | | 1 | 120 x 36 | | | 30.00 | |
| SIGN 49 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 49 (b) | | 1 | 168 x 144 | | | 168.00 | |
| SIGN 51 (a) | | 1 | 132 x 60 | | | 55.00 | |
| SIGN 51 (b) | | 1 | 132 x 36 | | | 33.00 | |
| SIGN 54 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 54 (b) | | 1 | 168 x 168 | | | 196.00 | |
| SIGN 54 (c) | | 1 | 48 x 30 | | | | 42.00 |
| SIGN 57 | | 1 | 132 x 60 | | | 55.00 | |
| SIGN 66 | | 1 | 132 x 60 | | | 55.00 | |
| SIGN 67 | | 1 | 108 x 36 | 27.00 | | | |
| SIGN 68 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 68 (b) | | 1 | 180 x 168 | | | 170.00 | |
| SIGN 71 | | 1 | 48 x 30 | 10.00 | | | |
| SIGN 74 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 74 (b) | | 1 | 240 x 168 | | | 280.00 | |
| SIGN 75 (a) | | 1 | 132 x 60 | | | 55.00 | |
| SIGN 75 (b) | | 1 | 132 x 36 | | | 33.00 | |
| SUBTOTAL TABLE 1 | | | | 453 | 178 | 2561 | 82 |
| TOTAL | | | | (2) | (2) | (2) | (2) |

(2) SEE SIGN TABLE 3 FOR PAY TOTAL

*ORANGE, YELLOW AND YELLOW-GREEN

I-70 SIGN TABLE 1 D-30

PAVEMENT MARKING & SIGNING
SHEET 38 OF 61

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED: 10/27/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 302
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGN NO. | STATION OR LOG MILE | LOCATION | SH D10-5 18 x 60 | SH R2-1 48 x 60 | SH M6-2P 21X15 | SH M3-4 24 x 12 | SH M1-1 24 x 24 | SH M1-4 24 x 24 | SHF W13-2 36 x 48 | SHF W4-2L 48 x 48 | SHF W13-2 48 x 60 | SH M3-2 24 x 12 | SHF W9-1L 48 x 48 | SHF W16-2P 30 x 24 | SHF W13-2 36 x 48 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 83 | 1021+53 | I-70 WB | 1 | | | | | | | | | | | | |
| 84 | 1029+72 | I-70 WB | | 1 | | | | | | | | | | | |
| 85 | 1033+14 | I-70 EB | 1 | | | | | | | | | | | | |
| 86 | 1033+16 | I-70 WB | 1 | | | | | | | | | | | | |
| 88 | 1040+07 | I-70 EB | | | | | | | | | 1 | | | | |
| 89 | 1042+75 | I-70 EB | 1 | | | | | | | | | | | | |
| 90 | 1042+79 | I-70 WB | 1 | | | | | | | | | | | | |
| 92 | 1052+39 | I-70 EB | 1 | | | | | | | | | | | | |
| 93 | 1052+40 | I-70 EB | 1 | | | | | | | | | | | | |
| 94 | 1060+48 | I-70 WB | 1 | | | | | | | | | | | | |
| 96 | 1061+89 | I-70 EB | 1 | | | | | | | | | | | | |
| 98 | 1068+92 | I-70 EB | | | | | | | | | 1 | | | | |
| 100 | 1074+84 | I-70 EB | 1 | | | | | | | | | | | | |
| 101 | 1074+94 | I-70 WB | 1 | | | | | | | | | | | | |
| 102 | 1082+19 | I-70 EB | | 1 | | | | | | | | | | | |
| 103 | 1085+74 | I-70 EB | 1 | | | | | | | | | | | | |
| 104 | 1085+78 | I-70 WB | 1 | | | | | | | | | | | | |
| 107 | 1094+12 | I-70 EB | 1 | | | | | | | | | | | | |
| 108 | 1094+24 | I-70 WB | 1 | | | | | | | | | | | | |
| 110 | 1110+11 | I-70 WB | 1 | | | | | | | | | | | | |
| 111 | 1110+15 | I-70 EB | 1 | | | | | | | | | | | | |
| 112 | 1118+87 | I-70 EB | 1 | | | | | | | | | | | | |
| 113 | 1118+92 | I-70 WB | 1 | | | | | | | | | | | | |
| 115 | 1129+89 | I-70 WB | 1 | | | | | | | | | | | | |
| 116 | 1130+02 | I-70 EB | 1 | | | | | | | | | | | | |
| 117 | 1140+47 | I-70 EB | 1 | | | | | | | | | | | | |
| 118 | 1140+58 | I-70 WB | 1 | | | | | | | | | | | | |
| 119 | 1152+03 | I-70 EB | 1 | | | | | | | | | | | | |
| 120 | 1152+05 | I-70 WB | 1 | | | | | | | | | | | | |
| 121 | 1162+71 | I-70 EB | 1 | | | | | | | | | | | | |
| 122 | 1162+72 | I-70 WB | 1 | | | | | | | | | | | | |
| 123 | 1171+86 | I-70 WB | 1 | | | | | | | | | | | | |
| 124 | 1171+99 | I-70 EB | 1 | | | | | | | | | | | | |
| 125 | 1182+88 | I-70 EB | 1 | | | | | | | | | | | | |
| 126 | 1182+95 | I-70 WB | 1 | | | | | | | | | | | | |
| 128 | 1193+25 | I-70 EB | 1 | | | | | | | | | | | | |
| 129 | 1193+35 | I-70 WB | 1 | | | | | | | | | | | | |
| 130 | 1201+80 | I-70 WB | 1 | | | | | | | | | | | | |
| 131 | 1201+85 | I-70 EB | 1 | | | | | | | | | | | | |
| 132 | 1212+76 | I-70 EB | 1 | | | | | | | | | | | | |
| 133 | 1212+80 | I-70 WB | 1 | | | | | | | | | | | | |
| 134 | 1223+13 | I-70 EB | 1 | | | | | | | | | | | | |
| 135 | 1223+13 | I-70 WB | 1 | | | | | | | | | | | | |
| 136 | 1235+08 | I-70 EB | 1 | | | | | | | | | | | | |
| 137 | 1235+15 | I-70 WB | 1 | | | | | | | | | | | | |
| 138 | 1244+06 | I-70 EB | 1 | | | | | | | | | | | | |
| 139 | 1244+13 | I-70 WB | 1 | | | | | | | | | | | | |
| 141 | 1256+88 | I-70 EB | 1 | | | | | | | | | | | | |
| 142 | 1257+08 | I-70 WB | 1 | | | | | | | | | | | | |
| 143 | 1266+89 | I-70 EB | 1 | | | | | | | | | | | | |
| 144 | 1266+95 | I-70 WB | 1 | | | | | | | | | | | | |
| 146 | 1277+79 | I-70 EB | 1 | | | | | | | | | | | | |
| 147 | 1277+87 | I-70 WB | 1 | | | | | | | | | | | | |
| 148 | 1287+51 | I-70 EB | 1 | | | | | | | | | | | | |
| 149 | 1287+58 | I-70 WB | 1 | | | | | | | | | | | | |
| 150 | 1295+47 | I-70 WB | | 1 | | | | | | | | | | | |
| 151 | 1296+90 | I-70 WB | 1 | | | | | | | | | | | | |
| 152 | 1296+97 | I-70 EB | 1 | | | | | | | | | | | | |
| 154 | 1310+02 | I-70 EB | | | | | | | | | 1 | | | | |
| 155 | 1312+94 | I-70 EB | 1 | | | | | | | | | | | | |
| SUBTOTAL TABLE 2 | | | 54 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| TOTAL | | | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) | (2) |

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

## SIGN SUMMARY

EFFECTIVE: 10-01-2016

| STANDARD OR SPECIAL SIGN DESIGNATION | SIGN DTL. SHT. NO. | NO. EACH | SIGN SIZE | TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A | FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A | STRUCTURAL ST ITEM NO. 9035011A | STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A |
|---|---|---|---|---|---|---|---|
| D10-5 | | 54 | 18 x 60 | 405.00 | | | |
| R2-1 | | 3 | 48 x 60 | 60.00 | | | |
| M6-2P | | | 21 x 15 | | | | |
| M3-4 | | | 24 x 12 | | | | |
| M1-1 | | | 24 x 24 | | | | |
| M1-4 | | | 24 x 24 | | | | |
| W13-2 | | | 48 x 60 | | | | |
| W4-2L | | | 48 x 48 | | | | |
| W13-2 | | 3 | 48 x 60 | | 60.00 | | |
| M3-2 | | | 24 x 12 | | | | |
| W9-1L | | | 48 x 48 | | | | |
| W16-2P | | | 30 x 24 | | | | |
| W13-2 | | | 48 x 60 | | | | |
| SIGN 87 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 87 (b) | | 1 | 240 x 168 | | | 280.00 | |
| SIGN 97 | | 1 | 108 x 36 | 27.00 | | | |
| SIGN 99 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 99 (b) | | 1 | 240 x 168 | | | 280.00 | |
| SIGN 105 | | 1 | 180 x 84 | | | 105.00 | |
| SIGN 106 | | 1 | 168 x 60 | | | 70.00 | |
| SIGN 109 | | 1 | 108 x 60 | | | 45.00 | |
| SIGN 114 (a) | | 1 | 108 x 30 | | | 22.50 | |
| SIGN 114 (b) | | 1 | 240 x 168 | | | 280.00 | |
| SIGN 127 | | 1 | 264 x 144 | | | 264.00 | |
| SIGN 140 (a) | | 1 | 96 x 30 | | | 20.00 | |
| SIGN 140 (b) | | 1 | 204 x 168 | | | 238.00 | |
| SIGN 145 | | 1 | 120 x 60 | | | 50.00 | |
| SIGN 153 (a) | | 1 | 96 x 30 | | | 20.00 | |
| SIGN 153(b) | | 1 | 204 x 168 | | | 238.00 | |
| SUBTOTAL TABLE 2 | | | | 492 | 60 | 1958 | 0 |
| TOTAL | | | | (2) | (2) | (2) | (2) |

(2) SEE SIGN TABLE 3 FOR PAY TOTAL
*ORANGE, YELLOW AND YELLOW-GREEN

I-70 SIGN TABLE 2 D-30

PAVEMENT MARKING & SIGNING
SHEET 39 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:46 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED: 10/27/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 303
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGN NO. | STATION OR LOG MILE | LOCATION | SH D10-5 18 x 60 | SH R2-1 48 x 60 | SH M6-2P 21 x 15 | SH M3-4 24 x 12 | SH M1-1 24 x 24 | SH M1-4 24 x 24 | SHF W13-2 48 x 60 | SHF W4-2L 48 x 48 | SHF W13-2 48 x 60 | SH M3-2 24 x 12 | SHF W9-1L 48 x 48 | SHF W16-2P 30 x 24 | SHF W13-2 48 x 60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 156 | 1312+98 | I-70 WB | 1 | | | | | | | | | | | | |
| 158 | 1328+12 | I-70 EB | 1 | | | | | | | | | | | | |
| 159 | 1328+15 | I-70 WB | 1 | | | | | | | | | | | | |
| 161 | 1337+26 | I-70 WB | | | | | | | | | 1 | | | | |
| 162 | 1337+98 | I-70 WB | 1 | | | | | | | | | | | | |
| 163 | 1338+14 | I-70 EB | 1 | | | | | | | | | | | | |
| 165 | 1348+04 | I-70 EB | | 1 | | | | | | | | | | | |
| 166 | 1349+66 | I-70 EB | 1 | | | | | | | | | | | | |
| 167 | 1349+71 | I-70 WB | 1 | | | | | | | | | | | | |
| 169 | 1359+47 | I-70 EB | 1 | | | | | | | | | | | | |
| 170 | 1359+49 | I-70 WB | 1 | | | | | | | | | | | | |
| 171 | 1370+27 | I-70 EB | 1 | | | | | | | | | | | | |
| 172 | 1370+30 | I-70 WB | 1 | | | | | | | | | | | | |
| 173 | 1381+52 | I-70 EB | 1 | | | | | | | | | | | | |
| 174 | 1381+52 | I-70 WB | 1 | | | | | | | | | | | | |
| 175 | 1391+03 | I-70 EB | 1 | | | | | | | | | | | | |
| 176 | 1391+05 | I-70 WB | 1 | | | | | | | | | | | | |
| 178 | 1396+67 | I-70 EB | 1 | | | | | | | | | | | | |
| 179 | 1396+71 | I-70 WB | 1 | | | | | | | | | | | | |
| 180 | 1402+29 | I-70 EB | 1 | | | | | | | | | | | | |
| 181 | 1402+40 | I-70 WB | 1 | | | | | | | | | | | | |
| 182 | 1412+38 | I-70 EB | 1 | | | | | | | | | | | | |
| 183 | 1412+50 | I-70 WB | 1 | | | | | | | | | | | | |
| 184 | 1415+00 | I-70 EB | | | | | | | | | | | 1 | 1 | |
| 185 | 1415+00 | I-70 EB | | | | | | | | | | | 1 | 1 | |
| 186 | 1425+00 | I-70 EB | | | | | | | | 1 | | | | | |
| SUBTOTAL TABLE 1 | | | 45 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 2 | 2 | 2 |
| SUBTOTAL TABLE 2 | | | 54 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| SUBTOTAL TABLE 3 | | | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 2 | 0 |
| TOTALS | | | 120 | 6 | 1 | 1 | 1 | 1 | 1 | 2 | 7 | 0 | 4 | 4 | 2 |

## SIGN SUMMARY

EFFECTIVE: 10-01-2016

| STANDARD OR SPECIAL SIGN DESIGNATION | SIGN DTL. SHT. NO. | NO. EACH | SIGN SIZE | TYPE & SQUARE FEET: FLAT SHEET SH ITEM NO. 9035004A | FLAT SHEET FLUORESCENT SHF* ITEM NO. 9035069A | STRUCTURAL ST ITEM NO. 9035011A | STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A |
|---|---|---|---|---|---|---|---|
| D10-5 | | 21 | 18 x 60 | 157.50 | | | |
| R2-1 | | 1 | 48 x 60 | 20.00 | | | |
| M6-2P | | | 21 x 15 | | | | |
| M3-4 | | | 24 x 12 | | | | |
| M1-1 | | | 24 x 24 | | | | |
| M1-4 | | | 24 x 24 | | | | |
| W13-2 | | | 48 x 60 | | | | |
| W4-2L | | 1 | 48 x 48 | | 16.00 | | |
| W13-2 | | 1 | 48 x 60 | | 20.00 | | |
| M3-2 | | | 24 x 12 | | | | |
| W9-1L | | 2 | 48 x 48 | | 32.00 | | |
| W16-2P | | 2 | 30 x 24 | | 10.00 | | |
| W13-2 | | | 48 x 60 | | | | |
| SIGN 164 (a) | | 1 | 96 x 30 | | | 20.00 | |
| SIGN 164 (b) | | 1 | 204 x 168 | | | 238.00 | |
| SIGN 168 | | 1 | 108 x 60 | | | 44.17 | |
| SIGN 177 (a) | | 1 | 96 x 30 | | | 20.00 | |
| SIGN 177 (b) | | 1 | 204 x 168 | | | 238.00 | |
| SUBTOTAL TABLE 1 | | | | 453 | 178 | 2561 | 82 |
| SUBTOTAL TABLE 2 | | | | 492 | 60 | 1958 | 0 |
| SUBTOTAL TABLE 3 | | | | 178 | 78 | 560 | 0 |
| TOTALS | | | | 1123 | 316 | 5079 | 82 |

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*ORANGE, YELLOW AND YELLOW-GREEN

I-70 SIGN TABLE 3 D-30

PAVEMENT MARKING & SIGNING
SHEET 40 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED 10/27/2025
ROUTE I-70 | STATE MO
DISTRICT CD | SHEET NO. 304
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID. -
PROJECT NO. -
BRIDGE NO. -

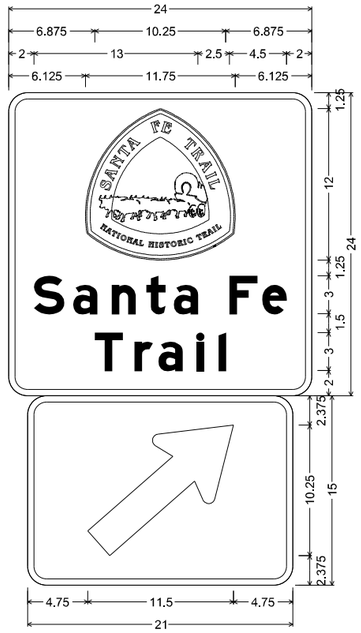
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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| | |
|---|---|
| SIGN NO. | 1 |
| STATION | 787+00 |
| ROADWAY | I-70 |

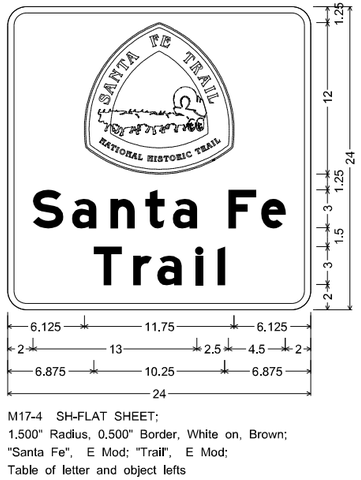



M17-4 SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Brown;
"Santa Fe", E Mod; "Trail", E Mod;

M6-2P_Brown SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Brown;
Table of letter and object lefts

| | | | | |
|---|---|---|---|---|
| 6.125 | | | | |
| S 2.000 | a 5.125 | n 8.125 | t 10.875 | a 13.125 |
| | F 17.500 | e 20.125 | | |
| T 6.875 | r 10.000 | a 11.875 | l 14.875 | l 16.625 |
| 4.750 | | | | |

| | |
|---|---|
| SIGN NO. | 2 |
| STATION | 788+73 |
| ROADWAY | I-70 |




M17-4 SH-FLAT SHEET;
1.500" Radius, 0.500" Border, White on, Brown;
"Santa Fe", E Mod; "Trail", E Mod;
Table of letter and object lefts

| | | | | |
|---|---|---|---|---|
| 6.125 | | | | |
| S 2.000 | a 5.125 | n 8.125 | t 10.875 | a 13.125 |
| | F 17.500 | e 20.125 | | |
| T 6.875 | r 10.000 | a 11.875 | l 14.875 | l 16.625 |

N.T.S. FOLLOW DIMENSIONS

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 305 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| REV. | DESCRIPTION | DATE |
|---|---|---|
| | | |

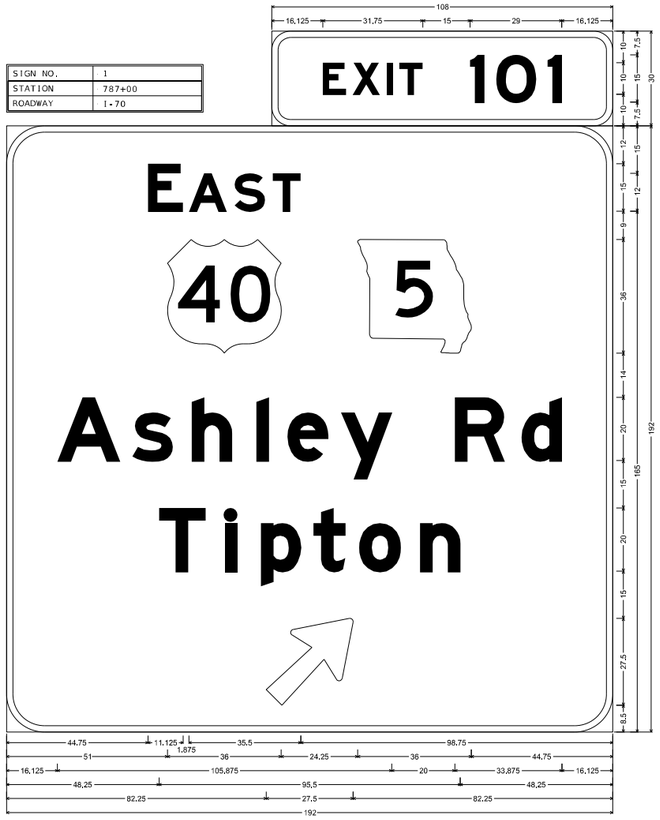
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
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St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING
& SIGNING
SHEET 41 OF 61

D-31

| SIGN NO. | 1 |
|---|---|
| STATION | 787+00 |
| ROADWAY | I-70 |

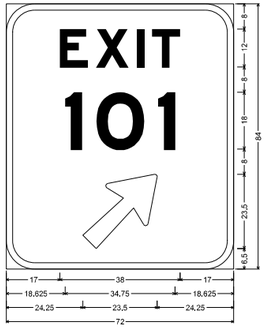



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "101", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"EAST", E Mod; State Highway 5 M1-6a3 18.000" D; "Ashley Rd", E Mod; "Tipton", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 16.125 | **X** 25.625 | **I** 36.375 | **T** 40.375 | **1** 62.875 | **O** 71.125 | **1** 87.375 | |
| **E** 44.750 | **A** 57.750 | **S** 72.250 | **T** 84.250 | | | | |
| 40 51.000 | 5 111.250 | | | | | | |
| **A** 16.125 | **s** 39.875 | **h** 58.625 | **l** 79.125 | **e** 89.000 | **y** 105.875 | **R** 142.000 | **d** 163.125 |
| **T** 48.250 | **l** 69.125 | **p** 80.500 | **t** 97.250 | **o** 111.750 | **n** 131.000 | | |
| 82.250 | | | | | | | |

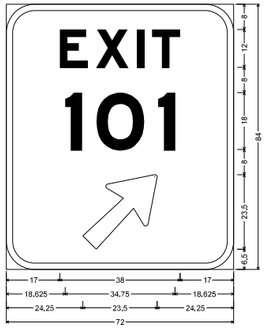
| SIGN NO. | 7 |
|---|---|
| STATION | 798+18 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "101", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 18.625 | **O** 28.500 | **1** 48.125 | |
| 24.250 | | | |

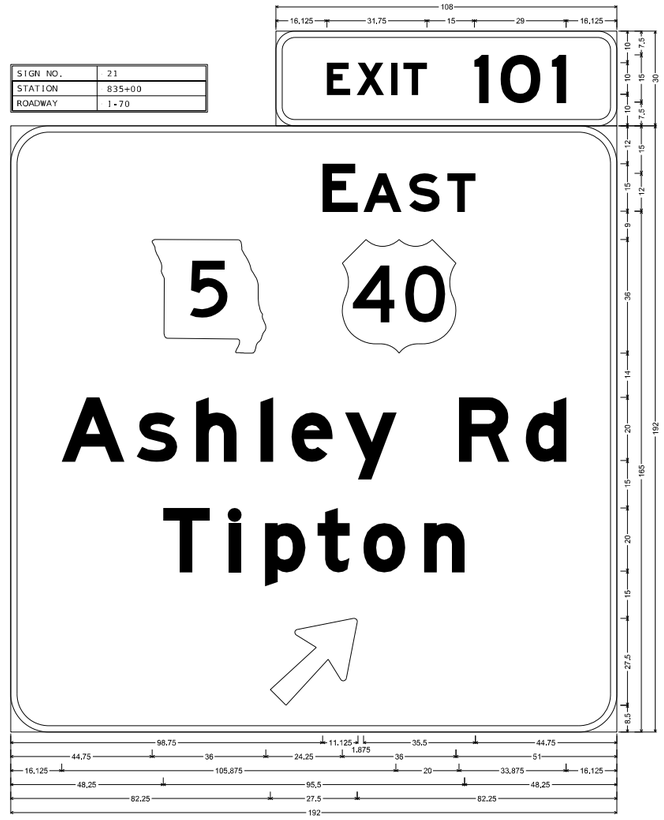
| SIGN NO. | 14 |
|---|---|
| STATION | 824+08 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "101", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 18.625 | **O** 28.500 | **1** 48.125 | |
| 24.250 | | | |

| SIGN NO. | 21 |
|---|---|
| STATION | 835+00 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "101", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"EAST", E Mod; State Highway 5 M1-6a3 18.000" D; "Ashley Rd", E Mod; "Tipton", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 16.125 | **X** 25.625 | **I** 36.375 | **T** 40.375 | **1** 62.875 | **O** 71.125 | **1** 87.375 | |
| **E** 98.750 | **A** 111.750 | **S** 126.250 | **T** 138.250 | | | | |
| 5 44.750 | 40 105.000 | | | | | | |
| **A** 16.125 | **s** 39.875 | **h** 58.625 | **l** 79.125 | **e** 89.000 | **y** 105.875 | **R** 142.000 | **d** 163.125 |
| **T** 48.250 | **l** 69.125 | **p** 80.500 | **t** 97.250 | **o** 111.750 | **n** 131.000 | | |
| 82.250 | | | | | | | |

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N.T.S FOLLOW DIMENSIONS

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 306 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

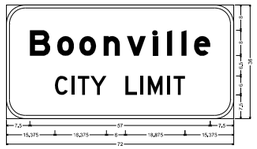
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
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St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING & SIGNING
SHEET 42 OF 61

D-31

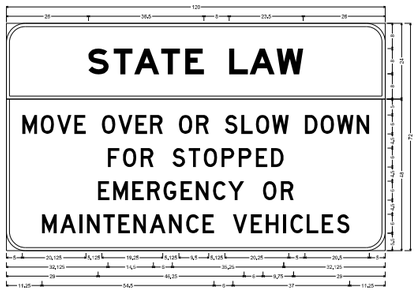
| SIGN NO. | 23 |
|---|---|
| STATION | 841+08 |
| ROADWAY | I-70 |




I4-1 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Boonville", E Mod; "CITY LIMIT", D;
Table of letter and object lefts

| | | | | | |
|---|---|---|---|---|---|
| B 7.500 | o 16.125 | o 23.125 | n 30.750 | v 38.125 | l 46.375 |
| I 50.875 | l 55.500 | e 59.375 | | | |
| C 15.375 | I 20.500 | T 22.625 | Y 26.625 | L 37.750 | |
| I 42.500 | M 44.875 | I 50.875 | T 53.000 | | |

| SIGN NO. | 26 |
|---|---|
| STATION | 844+11 |
| ROADWAY | I-70 |



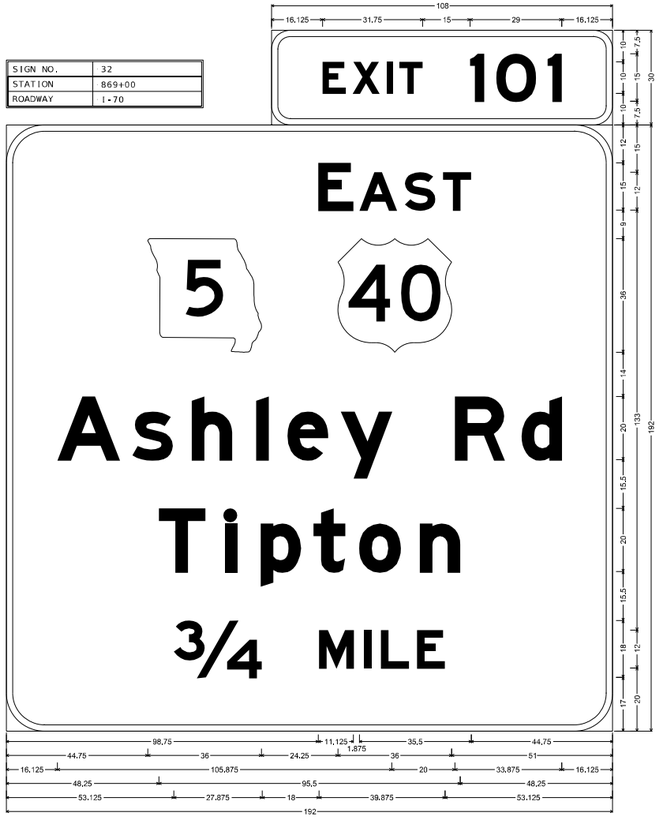

R16-25;

STF-STRUCTURAL FLUORESCENT:
6.000" Radius, 1.000" Border, Black on, Yellow;
"STATE LAW", E Mod;

ST-STRUCTURAL;
6.000" Radius, 1.000" Border, Black on, White;
"MOVE OVER OR SLOW DOWN", D 85% spacing; "FOR STOPPED", D;
"EMERGENCY OR", D; "MAINTENANCE VEHICLES", D;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S 26.000 | T 34.000 | A 40.500 | T 49.000 | E 56.625 | L 70.500 | A 77.000 | W 85.625 | |
| M 5.000 | O 10.875 | V 16.000 | E 21.500 | O 30.250 | V 35.500 | E 40.875 | R 45.500 | O 54.625 | R 60.000 |
| S 69.250 | L 74.375 | O 79.000 | W 84.250 | D 94.500 | O 99.500 | W 104.750 | N 110.875 | | |
| F 32.125 | O 36.875 | R 42.500 | S 52.625 | T 57.750 | O 62.500 | P 68.125 | P 73.625 | E 79.000 | D 83.875 |
| E 29.000 | M 33.875 | E 39.875 | R 44.625 | G 49.750 | E 55.250 | N 60.000 | C 65.500 | Y 70.250 | O 81.250 |
| R 86.875 | | | | | | | | | |
| M 11.250 | A 17.000 | I 23.125 | N 25.500 | T 30.625 | E 35.500 | N 40.250 | A 45.375 | N 51.500 | C 57.000 |
| E 62.125 | V 71.750 | E 77.375 | H 82.250 | I 87.625 | C 90.000 | L 95.125 | E 99.875 | S 104.750 | |

| SIGN NO. | 32 |
|---|---|
| STATION | 869+00 |
| ROADWAY | I-70 |

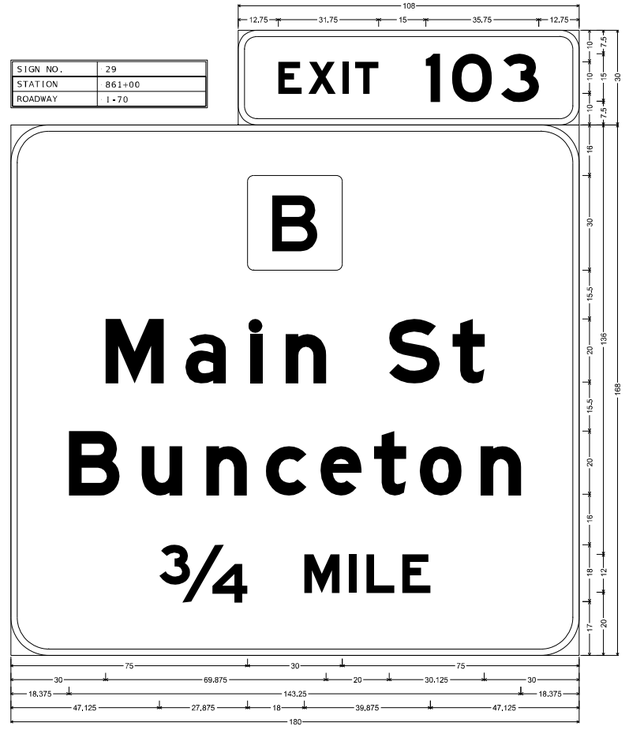



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "101", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"EAST", E Mod; State Highway 5 M1-6a3 18.000" D; "Ashley Rd", E Mod; "Tipton",
E Mod; "3/4", E Mod; "MILE", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| E 16.125 | X 25.625 | I 36.375 | T 40.375 | 1 62.875 | O 71.125 | 1 87.375 | |
| E 98.750 | A 111.750 | S 126.250 | T 138.250 | | | | |
| 5 44.750 | 40 105.000 | | | | | | |
| A 16.125 | s 39.875 | h 58.625 | l 79.125 | e 89.000 | y 105.875 | R 142.000 | d 163.125 |
| T 48.250 | I 69.125 | p 80.500 | t 97.250 | o 111.750 | n 131.000 | | |
| 3/4 53.125 | M 99.000 | I 113.125 | L 118.625 | E 130.000 | | | |

| SIGN NO. | 29 |
|---|---|
| STATION | 861+00 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "103", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Main St", E Mod; "Bunceton", E Mod; "3/4", E Mod; "MILE", E Mod;
Table of letter and object lefts

| | | | | | | |
|---|---|---|---|---|---|---|
| E 12.750 | X 22.250 | I 33.000 | T 37.000 | I 59.500 | O 67.750 | 3 83.250 |
| □ 75.000 | | | | | | |
| M 30.000 | a 55.375 | i 75.625 | n 87.125 | S 119.875 | t 140.000 | |
| B 18.375 | u 41.500 | n 61.875 | c 80.875 | e 98.125 | t 115.125 | o 129.625 | n 148.875 |
| 3/4 47.125 | M 93.000 | I 107.125 | L 112.625 | E 124.000 | | |

N.T.S. FOLLOW DIMENSIONS

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PAVEMENT MARKING
& SIGNING
SHEET 43 OF 61

D-31

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 307 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

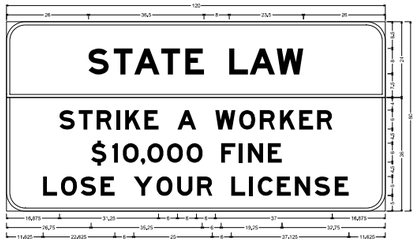
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGN NO. | 39 |
|---|---|
| STATION | 887+57 |
| ROADWAY | I-70 |



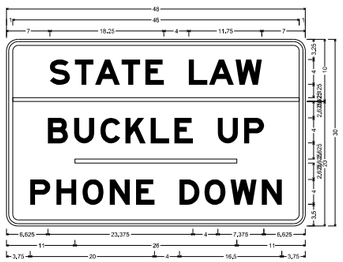

R16-29;

STF-STRUCTURAL FLUORESCENT;
6.000" Radius, 1.000" Border, Black on, Orange;
"STATE LAW", E Mod;

ST-STRUCTURAL;
6.000" Radius, 1.000" Border, Black on, White;
"STRIKE A WORKER", E Mod; "$10,000 FINE ", E Mod;
"LOSE YOUR LICENSE", E Mod;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S 26.000 | T 34.000 | A 40.500 | T 49.000 | E 56.625 | L 70.500 | A 77.000 | W 85.625 | |
| S 16.875 | T 22.875 | R 28.500 | I 34.875 | K 37.625 | E 43.750 | A 54.125 | W 66.125 | O 73.750 |
| | R 80.250 | K 86.625 | E 92.750 | R 98.375 | | | | |
| S 26.750 | I 33.500 | O 36.875 | . 42.625 | O 44.625 | O 50.875 | O 57.000 | F 68.000 | I 73.750 |
| | N 76.500 | E 82.750 | | | | | | |
| L 11.625 | O 17.250 | S 23.500 | E 29.875 | Y 40.250 | O 47.500 | U 54.125 | R 60.375 | L 71.250 |
| | I 76.875 | C 79.625 | E 85.625 | N 91.375 | S 97.625 | E 104.000 | | |

| SIGN NO. | 54 |
|---|---|
| STATION | 930+37 |
| ROADWAY | I-70 |




R16-30 SH-FLAT SHEET;

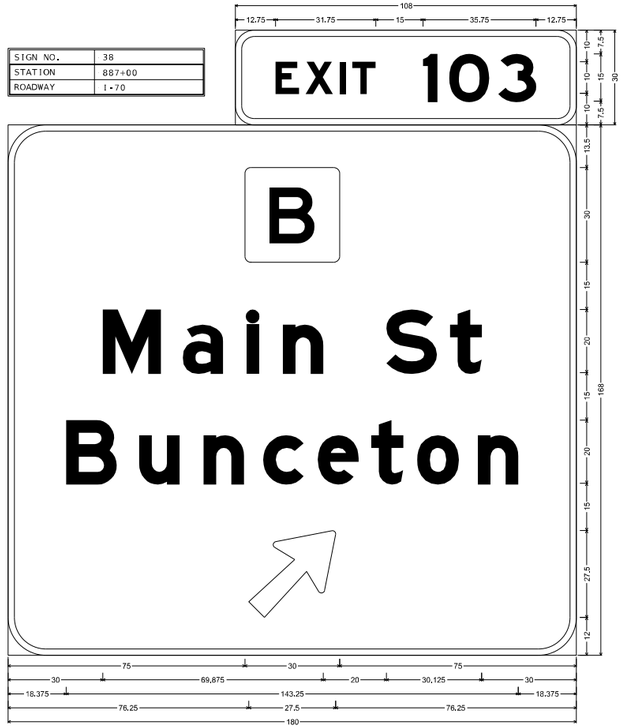
1.875" Radius, 0.625" Border, 0.375" Indent, Black on, Fluorescent yellow;
"STATE LAW", E Mod;

1.875" Radius, 0.625" Border, 0.375" Indent, Black on, White;
"BUCKLE UP", E Mod; "PHONE DOWN", E Mod;
Table of letter and object lefts

| | | | | | |
|---|---|---|---|---|---|
| S 7.000 | T 11.000 | A 14.250 | T 18.500 | E 22.250 | L 29.250 |
| | A 32.500 | W 36.750 | | | |
| — 1.000 | | | | | |
| B 6.625 | U 10.875 | C 15.125 | K 19.125 | L 23.125 | E 27.000 |
| | U 34.000 | P 38.125 | | | |
| — 11.000 | | | | | |
| P 3.750 | H 8.000 | O 12.250 | N 16.625 | E 20.875 | D 27.750 |
| | O 31.750 | W 36.000 | N 41.000 | | |

N.T.S. FOLLOW DIMENSIONS

| SIGN NO. | 38 |
|---|---|
| STATION | 887+00 |
| ROADWAY | I-70 |



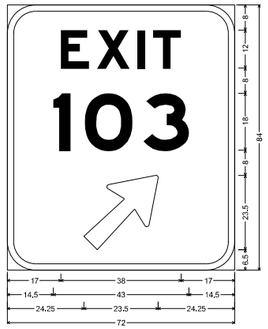

E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "103", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Main St", E Mod; "Bunceton", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| E 12.750 | X 22.250 | I 33.000 | T 37.000 | I 59.500 | O 67.750 | 3 83.250 | |
| □ 75.000 | | | | | | | |
| M 30.000 | a 55.375 | l 75.625 | n 87.125 | S 119.875 | t 140.000 | | |
| B 18.375 | u 41.500 | n 61.875 | c 80.875 | e 98.125 | t 115.125 | o 129.625 | n 148.875 |
| ⇗ 76.250 | | | | | | | |

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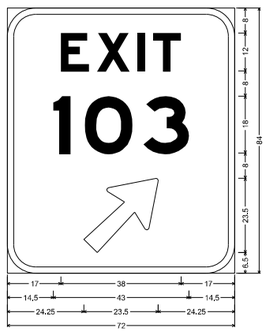
| SIGN NO. | 43 |
|---|---|
| STATION | 897+98 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Green;
"EXIT", E Mod; "103", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| E 17.000 | X 28.375 | I 41.250 | T 46.125 |
| 1 14.500 | O 24.500 | 3 43.125 | |
| ⇗ 24.250 | | | |

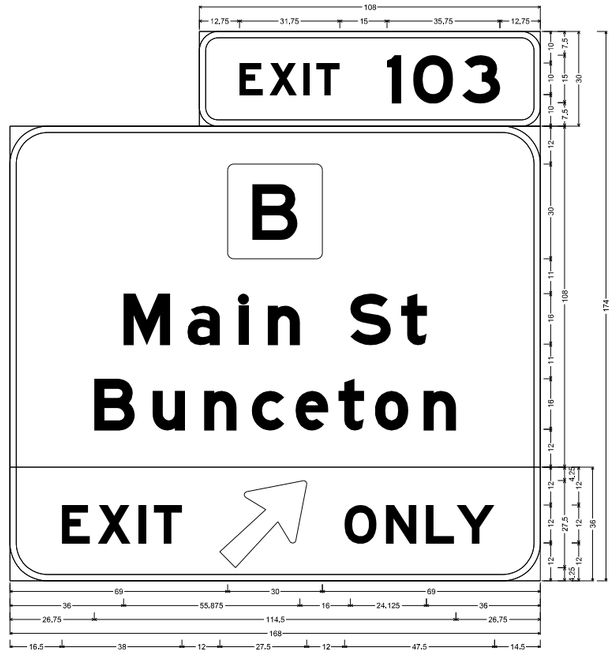
| SIGN NO. | 46 |
|---|---|
| STATION | 913+29 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Green;
"EXIT", E Mod; "103", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| E 17.000 | X 28.375 | I 41.250 | T 46.125 |
| 1 14.500 | O 24.500 | 3 43.125 | |
| ⇗ 24.250 | | | |

| SIGN NO. | 49 |
|---|---|
| STATION | 917+17 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "103", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Main St", E Mod; "Bunceton", E Mod;

STF-STRUCTURAL FLUORESCENT;
12.000" Radius, 2.000" Border, Black on, Yellow;
"EXIT", E Mod; Arrow 160 - 35.000" 45'; "ONLY", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| E 72.750 | X 82.250 | I 93.000 | T 97.000 | 1 119.500 | O 127.750 | 3 143.250 | |
| □ 69.000 | | | | | | | |
| M 36.000 | a 56.250 | l 72.500 | n 81.625 | S 107.875 | t 124.000 | | |
| B 26.750 | u 45.250 | n 61.500 | c 76.625 | e 90.500 | t 104.000 | o 115.625 | n 131.125 |
| E 16.500 | X 27.875 | I 40.750 | T 45.625 | ⇗ 66.500 | O 106.000 | N 119.125 | L 131.750 | Y 141.500 |


STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 308 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

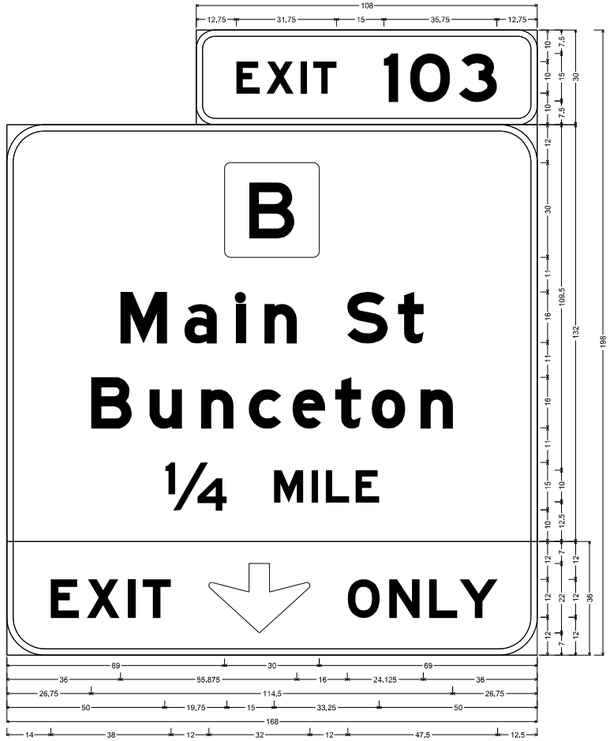


EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578


PAVEMENT MARKING
& SIGNING
SHEET 44 OF 61

D-31

| SIGN NO. | 54 |
|---|---|
| STATION | 930+37 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "103", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Main St", E Mod; "Bunceton", E Mod; "¼", E Mod; "MILE", E Mod;

STF-STRUCTURAL FLUORESCENT;
12.000" Radius, 2.000" Border, Black on, Yellow;
"EXIT", E Mod; Down Arrow 22.000" 270'; "ONLY", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| E 72.750 | X 82.250 | I 93.000 | T 97.000 | 1 119.500 | O 127.750 | 3 143.250 | |
| □ 69.000 | | | | | | | |
| M 36.000 | a 56.250 | l 72.500 | n 81.625 | S 107.875 | t 124.000 | | |
| B 26.750 | u 45.250 | n 61.500 | c 76.625 | e 90.500 | t 104.000 | o 115.625 | n 131.125 |
| ¼ 50.000 | M 84.750 | I 96.500 | L 101.125 | E 110.500 | | | |
| E 14.000 | X 25.375 | I 38.250 | T 43.125 | ⇩ 64.000 | O 108.000 | N 121.125 | L 133.750 | Y 143.500 |

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T.S. FOLLOW DIMENSIONS

| SIGN NO. | 51 |
|---|---|
| STATION | 925+90 |
| ROADWAY | I-70 |

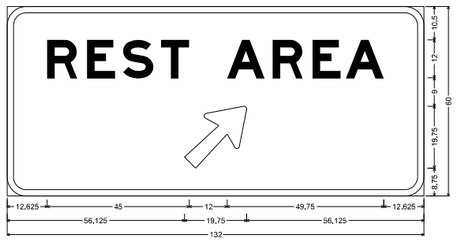



D5-1bR ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Blue;
"REST AREA", E Mod; "NEXT RIGHT", E Mod;

D5-6 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Blue;
"NEXT REST AREA", E Mod; "94", E Mod; "MILES", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R 12.625 | E 25.375 | S 36.750 | T 48.750 | A 69.625 | R 84.125 | E 96.750 | |
| A 107.375 | | | | | | | |
| N 11.625 | E 24.250 | X 35.625 | T 47.750 | R 68.625 | I 81.250 | G 86.750 | |
| H 99.375 | T 111.500 | | | | | | |
| N 11.500 | E 19.875 | X 27.500 | T 35.500 | R 49.500 | E 57.875 | S 65.500 | |
| T 73.500 | A 87.375 | R 97.125 | E 105.500 | A 112.500 | | | |
| 9 37.000 | 4 45.000 | M 60.375 | I 69.750 | L 73.500 | E 81.000 | S 88.625 | |

| SIGN NO. | 57 |
|---|---|
| STATION | 939+10 |
| ROADWAY | I-70 |




D5-2a ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Blue;
"REST AREA", E Mod; Arrow 80 - 25.000" 45';
Table of letter and object lefts

| | | | | | | |
|---|---|---|---|---|---|---|
| R 12.625 | E 25.375 | S 36.750 | T 48.750 | A 69.625 | R 84.125 | E 96.750 |
| A 107.375 | | | | | | |
| ⇗ 56.125 | | | | | | |

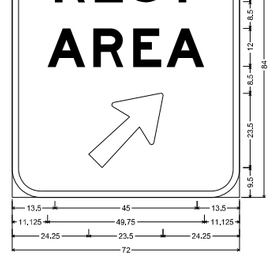
| SIGN NO. | 61 |
|---|---|
| STATION | 949+01 |
| ROADWAY | I-70 |




D5-2b ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Blue;
"REST", E Mod; "AREA",
E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| R 13.500 | E 26.125 | S 37.500 | T 49.625 |
| A 11.125 | R 25.625 | E 38.250 | A 48.875 |
| ⇗ 24.250 | | | |

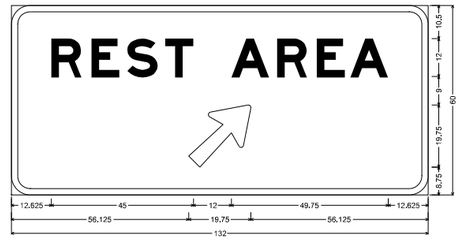
| SIGN NO. | 62 |
|---|---|
| STATION | 952+64 |
| ROADWAY | I-70 |




D5-2b ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Blue;
"REST", E Mod; "AREA",
E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| R 13.500 | E 26.125 | S 37.500 | T 49.625 |
| A 11.125 | R 25.625 | E 38.250 | A 48.875 |
| ⇗ 24.250 | | | |

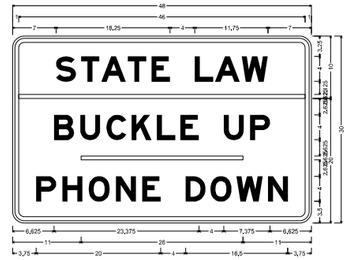
| SIGN NO. | 66 |
|---|---|
| STATION | 963+50 |
| ROADWAY | I-70 |




D5-2a ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Blue;
"REST AREA", E Mod; Arrow 80 - 25.000" 45';
Table of letter and object lefts

| | | | | | | |
|---|---|---|---|---|---|---|
| R 12.625 | E 25.375 | S 36.750 | T 48.750 | A 69.625 | R 84.125 | E 96.750 |
| A 107.375 | | | | | | |
| ⇗ 56.125 | | | | | | |

| SIGN NO. | 71 |
|---|---|
| STATION | 972+63 |
| ROADWAY | I-70 |




R16-30 SH-FLAT SHEET;

1.875" Radius, 0.625" Border, 0.375" Indent, Black on, Fluorescent yellow;
"STATE LAW", E Mod;

1.875" Radius, 0.625" Border, 0.375" Indent, Black on, White;
"BUCKLE UP", E Mod; "PHONE DOWN", E Mod;
Table of letter and object lefts

| | | | | | |
|---|---|---|---|---|---|
| S 7.000 | T 11.000 | A 14.250 | T 18.500 | E 22.250 | L 29.250 |
| A 32.500 | W 36.750 | | | | |
| — 1.000 | | | | | |
| B 6.625 | U 10.875 | C 15.125 | K 19.125 | L 23.125 | E 27.000 |
| U 34.000 | P 38.125 | | | | |
| — 11.000 | | | | | |
| P 3.750 | H 8.000 | O 12.250 | N 16.625 | E 20.875 | D 27.750 |
| O 31.750 | W 36.000 | N 41.000 | | | |


STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 309 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

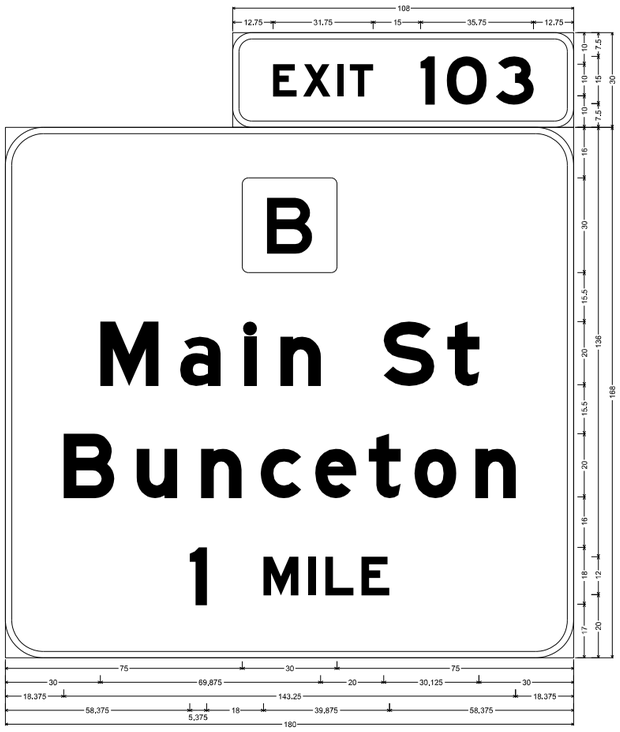

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578


PAVEMENT MARKING
& SIGNING
SHEET 45 OF 61

D-31

| SIGN NO. | 68 |
|---|---|
| STATION | 970+46 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "103", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Main St", E Mod; "Bunceton", E Mod; "1", E Mod; "MILE", E Mod;
Table of letter and object lefts

| E | X | I | T | 1 | O | 3 |
|---|---|---|---|---|---|---|
| 12.750 | 22.250 | 33.000 | 37.000 | 59.500 | 67.750 | 83.250 |

| □ |
|---|
| 75.000 |

| M | a | i | n | S | t |
|---|---|---|---|---|---|
| 30.000 | 55.375 | 75.625 | 87.125 | 119.875 | 140.000 |

| B | u | n | c | e | t | o | n |
|---|---|---|---|---|---|---|---|
| 18.375 | 41.500 | 61.875 | 80.875 | 98.125 | 115.125 | 129.625 | 148.875 |

| 1 | M | I | L | E |
|---|---|---|---|---|
| 58.375 | 81.750 | 95.875 | 101.375 | 112.750 |

| SIGN NO. | 75 |
|---|---|
| STATION | 986+45 |
| ROADWAY | I-70 |




D5-1bR ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Blue;
"REST AREA", E Mod; "NEXT RIGHT", E Mod;

D5-6 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Blue;
"NEXT REST AREA", E Mod; "47", E Mod; "MILES", E Mod;
Table of letter and object lefts

| R | E | S | T | A | R | E |
|---|---|---|---|---|---|---|
| 12.625 | 25.375 | 36.750 | 48.750 | 69.625 | 84.125 | 96.750 |

| A |
|---|
| 107.375 |

| N | E | X | T | R | I | G |
|---|---|---|---|---|---|---|
| 11.625 | 24.250 | 35.625 | 47.750 | 68.625 | 81.250 | 86.750 |

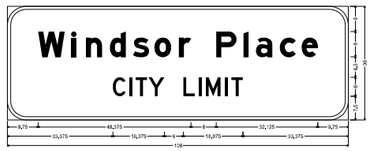
| H | T |
|---|---|
| 99.375 | 111.500 |

| N | E | X | T | R | E | S |
|---|---|---|---|---|---|---|
| 11.500 | 19.875 | 27.500 | 35.500 | 49.500 | 57.875 | 65.500 |

| T | A | R | E | A |
|---|---|---|---|---|
| 73.500 | 87.375 | 97.125 | 105.500 | 112.500 |

| 4 | 7 | M | I | L | E | S |
|---|---|---|---|---|---|---|
| 37.500 | 45.500 | 59.875 | 69.250 | 72.875 | 80.500 | 88.125 |

| SIGN NO. | 67 |
|---|---|
| STATION | 963+85 |
| ROADWAY | I-70 |



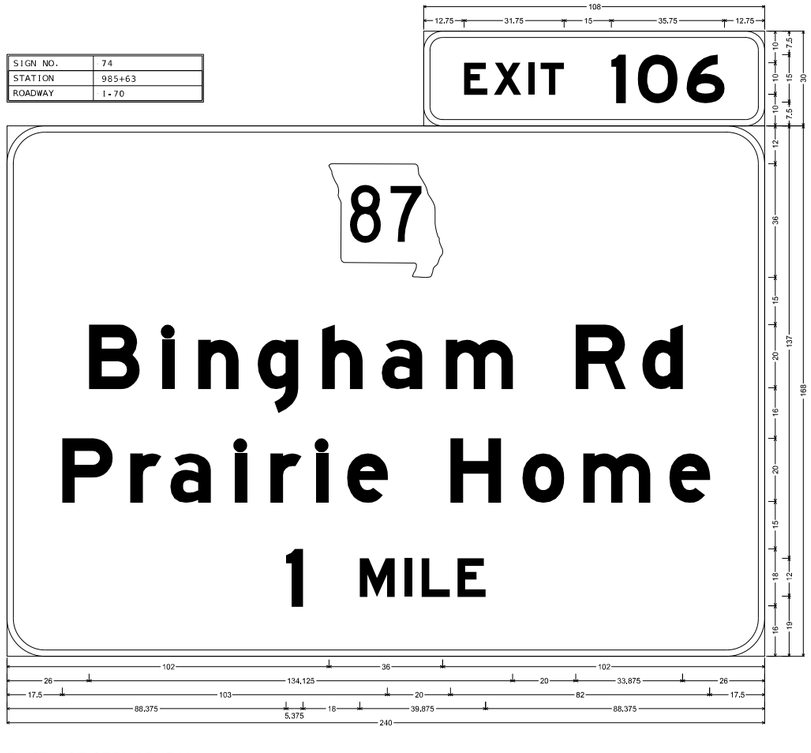

I4-1 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Windsor Place", E Mod; "CITY LIMIT", D;
Table of letter and object lefts

| W | I | n | d | s | o | r | P | l |
|---|---|---|---|---|---|---|---|---|
| 9.750 | 20.250 | 24.875 | 32.375 | 39.750 | 46.500 | 54.250 | 66.125 | 74.750 |

| a | c | e |
|---|---|---|
| 78.750 | 86.250 | 93.125 |

| C | I | T | Y | L | I | M | I | T |
|---|---|---|---|---|---|---|---|---|
| 33.375 | 38.500 | 40.625 | 44.625 | 55.750 | 60.500 | 62.875 | 68.875 | 71.000 |

| SIGN NO. | 74 |
|---|---|
| STATION | 985+63 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "106", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 87 M1-6a3 18.000" C; "Bingham Rd", E Mod; "Prairie Home", E Mod; "1", E Mod; "MILE", E Mod;
Table of letter and object lefts

| E | X | I | T | 1 | O | 6 |
|---|---|---|---|---|---|---|
| 12.750 | 22.250 | 33.000 | 37.000 | 59.500 | 67.750 | 83.250 |

| 87 |
|---|
| 102.000 |

| B | I | n | g | h | a | m | R | d |
|---|---|---|---|---|---|---|---|---|
| 26.000 | 49.125 | 60.500 | 79.375 | 99.875 | 118.750 | 139.000 | 180.125 | 201.250 |

| P | r | a | i | r | i | e | H | o | m | e |
|---|---|---|---|---|---|---|---|---|---|---|
| 17.500 | 39.000 | 51.750 | 72.000 | 83.500 | 97.875 | 107.750 | 140.500 | 163.250 | 182.500 | 209.750 |

| 1 | M | I | L | E |
|---|---|---|---|---|
| 88.375 | 111.750 | 125.875 | 131.375 | 142.750 |

N.T.S. FOLLOW DIMENSIONS

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PAVEMENT MARKING
& SIGNING
SHEET 46 OF 61

D-31

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 310 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

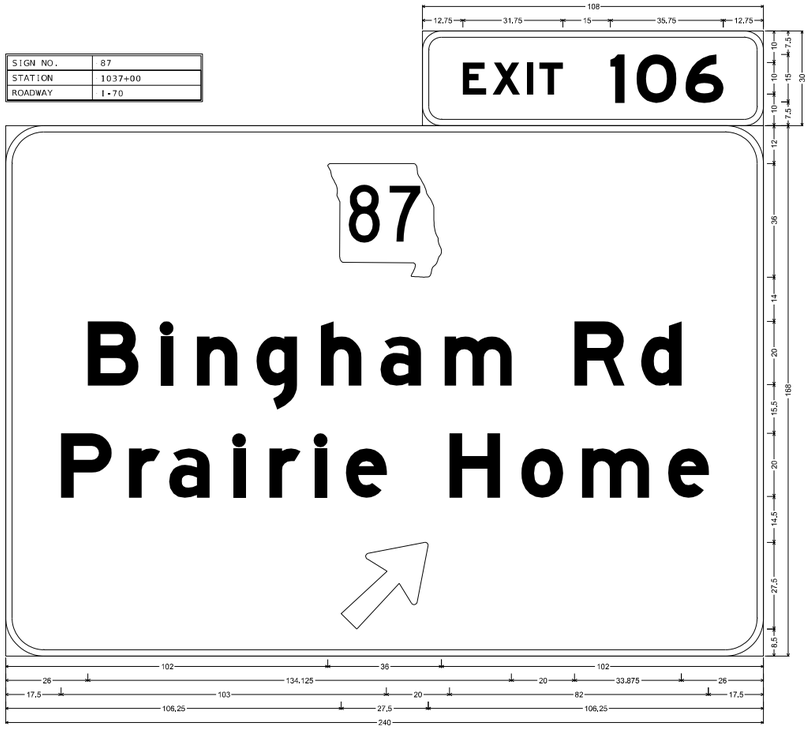
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

| SIGN NO. | 87 |
|---|---|
| STATION | 1037+00 |
| ROADWAY | I-70 |

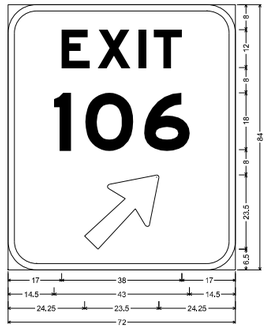



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "106", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 87 M1-6a3 18.000" C; "Bingham Rd", E Mod; "Prairie Home",
E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | |
|---|---|---|---|---|---|---|
| **E** 12.750 | **X** 22.250 | **I** 33.000 | **T** 37.000 | **1** 59.500 | **O** 67.750 | **6** 83.250 |
| 87 102.000 | | | | | | |
| **B** 26.000 | **i** 49.125 | **n** 60.500 | **g** 79.375 | **h** 99.875 | **a** 118.750 | **m** 139.000 | **R** 180.125 | **d** 201.250 |
| **P** 17.500 | **r** 39.000 | **a** 51.750 | **i** 72.000 | **r** 83.500 | **i** 97.875 | **e** 107.750 | **H** 140.500 | **o** 163.250 | **m** 182.500 | **e** 209.750 |
| 106.250 | | | | | | | | | | |

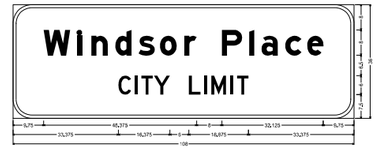
| SIGN NO. | 91 |
|---|---|
| STATION | 1047+59 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Green;
"EXIT", E Mod; "106", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 14.500 | **O** 24.500 | **6** 43.125 | |
| 24.250 | | | |

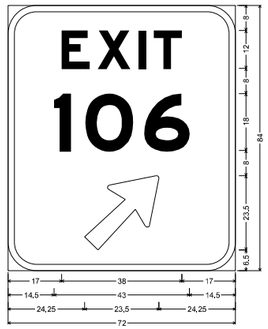
| SIGN NO. | 97 |
|---|---|
| STATION | 1065+87 |
| ROADWAY | I-70 |




I4-1 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Windsor Place", E Mod; "CITY LIMIT", D;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **W** 9.750 | **l** 20.250 | **n** 24.875 | **d** 32.375 | **s** 39.750 | **o** 46.500 | **r** 54.250 | **P** 66.125 | |
| **l** 74.750 | **a** 78.750 | **c** 86.250 | **e** 93.125 | | | | | |
| **C** 33.375 | **l** 38.500 | **T** 40.625 | **Y** 44.625 | **L** 55.750 | **l** 60.500 | **M** 62.875 | **l** 68.875 | |
| **T** 71.000 | | | | | | | | |

| SIGN NO. | 95 |
|---|---|
| STATION | 1061+25 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Green;
"EXIT", E Mod; "106", E Mod;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 14.500 | **O** 24.500 | **6** 43.125 | |
| 24.250 | | | |

DISCLAIMER
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N.T.S. FOLLOW DIMENSIONS

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 311 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

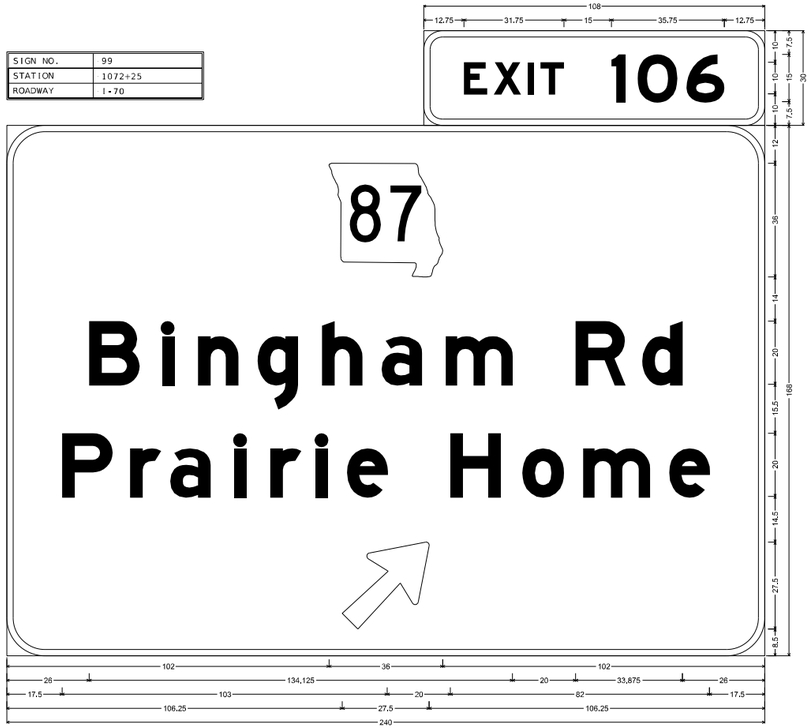
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING
& SIGNING
SHEET 47 OF 61

D-31

| SIGN NO. | 99 |
|---|---|
| STATION | 1072+25 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "106", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 87 M1-6a3 18.000" C; "Bingham Rd", E Mod; "Prairie Home", E Mod;
Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | |
|---|---|---|---|---|---|---|
| E 12.750 | X 22.250 | I 33.000 | T 37.000 | I 59.500 | O 67.750 | 6 83.250 |

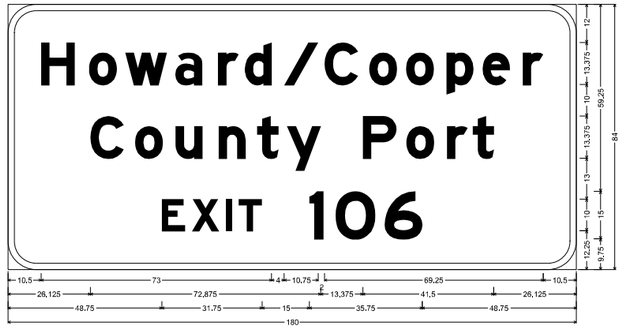
| |
|---|
| 87 102.000 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| B 26.000 | I 49.125 | n 60.500 | g 79.375 | h 99.875 | a 118.750 | m 139.000 | R 180.125 | d 201.250 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| P 17.500 | r 39.000 | a 51.750 | I 72.000 | r 83.500 | I 97.875 | e 107.750 | H 140.500 | o 163.250 | m 182.500 | e 209.750 |

| |
|---|
| 106.250 |

| SIGN NO. | 105 |
|---|---|
| STATION | 1089+18 |
| ROADWAY | I-70 |




E4-3 ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"Howard / Cooper", E Mod; "County Port", E Mod; "EXIT", E Mod; "106", E Mod;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| H 10.500 | o 25.625 | w 37.125 | a 53.000 | r 66.500 | d 75.000 | / 87.500 | C 100.250 | o 114.500 |

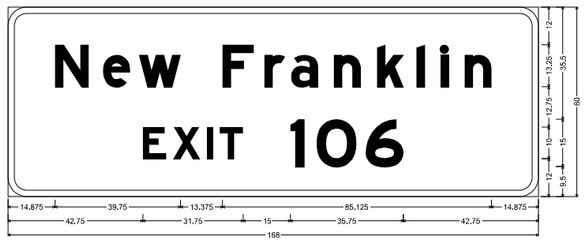
| | | | |
|---|---|---|---|
| o 126.125 | p 139.000 | e 150.375 | r 163.000 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| C 26.125 | o 40.250 | u 53.125 | n 66.750 | t 79.000 | y 88.375 | P 112.375 | o 126.250 | r 139.000 |

| |
|---|
| t 147.250 |

| | | | | | | |
|---|---|---|---|---|---|---|
| E 48.750 | X 58.250 | I 69.000 | T 73.000 | 1 95.500 | O 103.750 | 6 119.250 |

| SIGN NO. | 106 |
|---|---|
| STATION | 1091+97 |
| ROADWAY | I-70 |



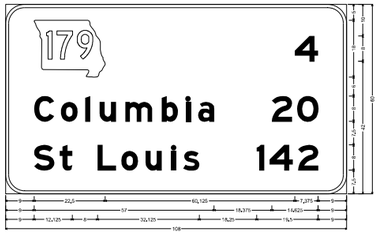

E4-3 ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"New Franklin", E Mod; "EXIT", E Mod; "106", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| N 14.875 | e 30.125 | w 41.500 | F 68.000 | r 81.250 | a 89.750 | n 103.250 | k 116.875 |

| | | |
|---|---|---|
| I 129.375 | I 137.000 | n 144.625 |

| | | | | | | |
|---|---|---|---|---|---|---|
| E 42.750 | X 52.250 | I 63.000 | T 67.000 | 1 89.500 | O 97.750 | 6 113.250 |

| SIGN NO. | 109 |
|---|---|
| STATION | 1109+13 |
| ROADWAY | I-70 |




D2-3 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"4", E Mod; "Columbia", E Mod; "20", E Mod; "St Louis", E Mod; "142", E Mod;
Table of letter and object lefts

| | |
|---|---|
| 179 9.000 | 4 91.625 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| C 9.000 | o 17.500 | l 25.250 | u 29.750 | m 38.000 | b 49.500 | l 57.000 | a 61.000 | |
| 2 84.375 | 0 92.375 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S 9.000 | t 17.125 | L 29.125 | o 36.625 | u 44.375 | l 52.500 | s 56.250 | l 79.500 | |
| 4 83.625 | 2 92.625 | | | | | | | |

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N.T.S. FOLLOW DIMENSIONS

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 312 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

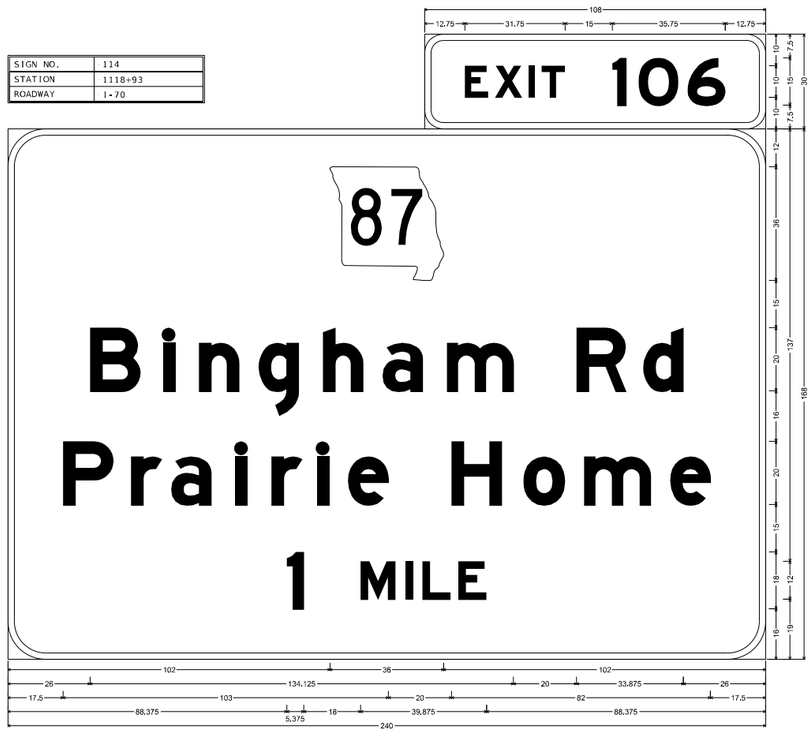
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING
& SIGNING
SHEET 48 OF 61

D-31

| SIGN NO. | 114 |
|---|---|
| STATION | 1118+93 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "106", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 87 M1-6a3 18.000" C; "Bingham Rd", E Mod; "Prairie Home", E Mod; "1", E Mod; "MILE", E Mod;
Table of letter and object lefts

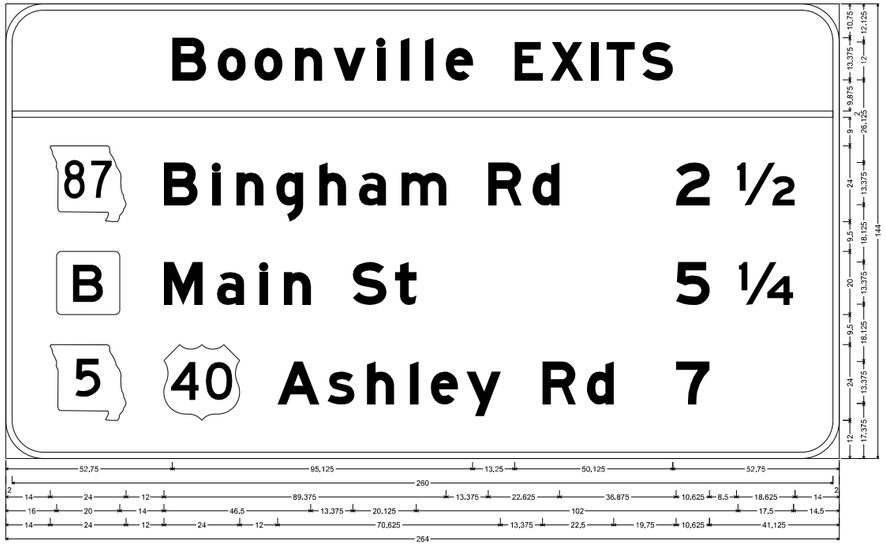
| | | | | | | |
|---|---|---|---|---|---|---|
| E 12.750 | X 22.250 | I 33.000 | T 37.000 | 1 59.500 | O 67.750 | 6 83.250 |

| |
|---|
| 87 102.000 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| B 26.000 | i 49.125 | n 60.500 | g 79.375 | h 99.875 | a 118.750 | m 139.000 | R 180.125 | d 201.250 | |
| P 17.500 | r 39.000 | a 51.750 | l 72.000 | r 83.500 | i 97.875 | e 107.750 | H 140.500 | o 163.250 | m 182.500 | e 209.750 |

| | | | | |
|---|---|---|---|---|
| I 88.375 | M 111.750 | I 125.875 | L 131.375 | E 142.750 |

| SIGN NO. | 127 |
|---|---|
| STATION | 1192+07 |
| ROADWAY | I-70 |




E7-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"Boonville EXITS", E Mod; State Highway 87 M1-6a 12.000" C; "Bingham Rd", E Mod; "2", E Mod; "½", E Mod; "", E Mod; Rounded Rectangle 1.500" Radius;
"Main St", E Mod; "5", E Mod; "¼", E Mod; State Highway 5 M1-6a 12.000" D; "Ashley Rd", E Mod; "7", E Mod;
Table of letter and object lefts

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 52.750 | o 67.125 | o 78.750 | n 91.625 | v 103.875 | l 117.500 | l 125.125 | l 132.750 | e 139.375 | E 161.125 | X 172.500 | l 185.375 | |
| T 190.250 | S 201.750 | | | | | | | | | | | |

| |
|---|
| — 2.000 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 14.000 | B 50.000 | l 65.375 | n 73.000 | g 85.625 | h 99.250 | a 111.875 | m 125.375 | R 152.750 | d 166.875 | 2 212.250 | ½ 231.375 |
| ☐ 16.000 | M 50.000 | a 66.875 | l 80.375 | n 88.000 | S 109.875 | t 123.250 | 5 212.250 | ¼ 232.000 | | | |
| 5 14.000 | 40 50.000 | A 86.000 | s 101.875 | h 114.375 | l 128.000 | e 134.625 | y 145.875 | R 170.000 | d 184.000 | 7 212.250 | |

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N.T.S. FOLLOW DIMENSIONS

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 313 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

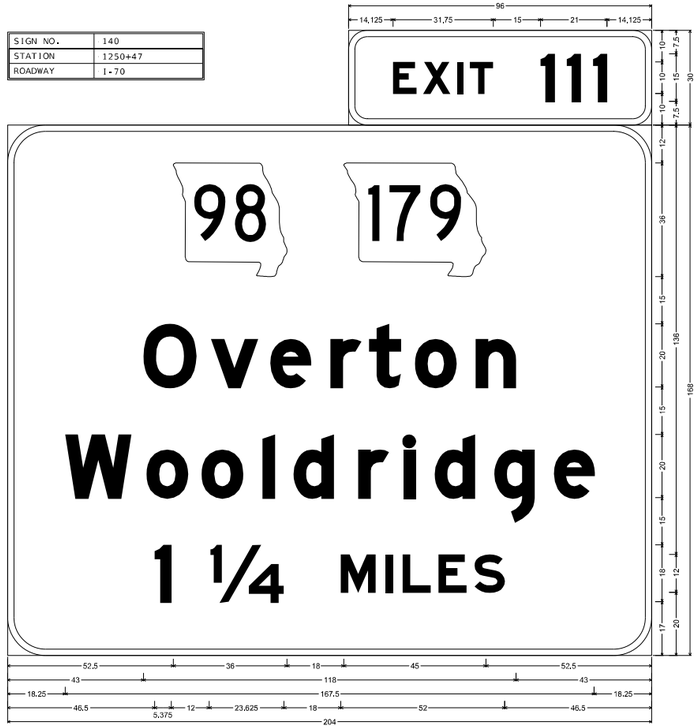
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING
& SIGNING
SHEET 49 OF 61

D-31

| | |
|---|---|
| SIGN NO. | 140 |
| STATION | 1250+47 |
| ROADWAY | I-70 |

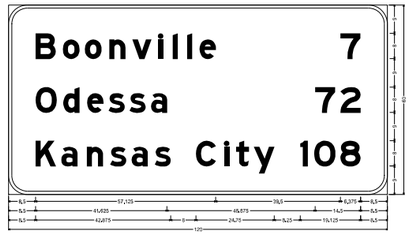



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "111", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 98 M1-6a3 18.000" C; State Highway 179 M1-6a4 18.000" C; "Overton", E Mod; "Wooldridge", E Mod; "1", E Mod; "¼", E Mod; "MILES", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 14.125 | **X** 23.625 | **I** 34.375 | **T** 38.375 | **1** 60.875 | **1** 69.125 | **1** 77.375 | |
| 98 52.500 | 179 106.500 | | | | | | |
| **O** 43.000 | **v** 64.375 | **e** 83.250 | **r** 102.250 | **t** 114.500 | **o** 129.000 | **n** 148.250 | |
| **W** 18.250 | **o** 44.000 | **o** 61.500 | **l** 80.750 | **d** 90.625 | **r** 111.000 | **l** 125.375 | **d** 135.250 | **g** 154.125 | **e** 173.000 |
| **1** 46.500 | **¼** 63.875 | **M** 105.500 | **I** 119.625 | **L** 125.125 | **E** 136.500 | **S** 147.875 | |

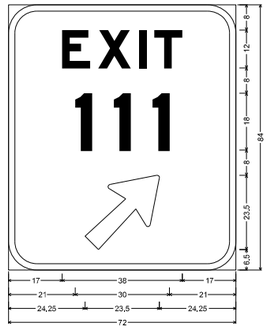
| | |
|---|---|
| SIGN NO. | 145 |
| STATION | 1269+43 |
| ROADWAY | I-70 |




D2-3 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Boonville", E Mod; "7", E Mod; "Odessa", E Mod; "72", E Mod; "Kansas City", E Mod; "108", E Mod;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **B** 8.500 | **o** 17.125 | **o** 24.125 | **n** 31.875 | **v** 39.250 | **l** 47.375 | **l** 52.000 | **l** 56.500 | **e** 60.500 |
| **7** 105.125 | | | | | | | | |
| **O** 8.500 | **d** 17.250 | **e** 24.875 | **s** 31.625 | **s** 38.250 | **a** 45.125 | **7** 97.000 | **2** 105.125 | |
| **K** 8.500 | **a** 16.625 | **n** 24.750 | **s** 32.125 | **a** 39.000 | **s** 46.250 | **C** 59.375 | **I** 68.375 | **t** 72.125 |
| **y** 77.625 | **l** 92.375 | **O** 96.750 | **8** 105.125 | | | | | |

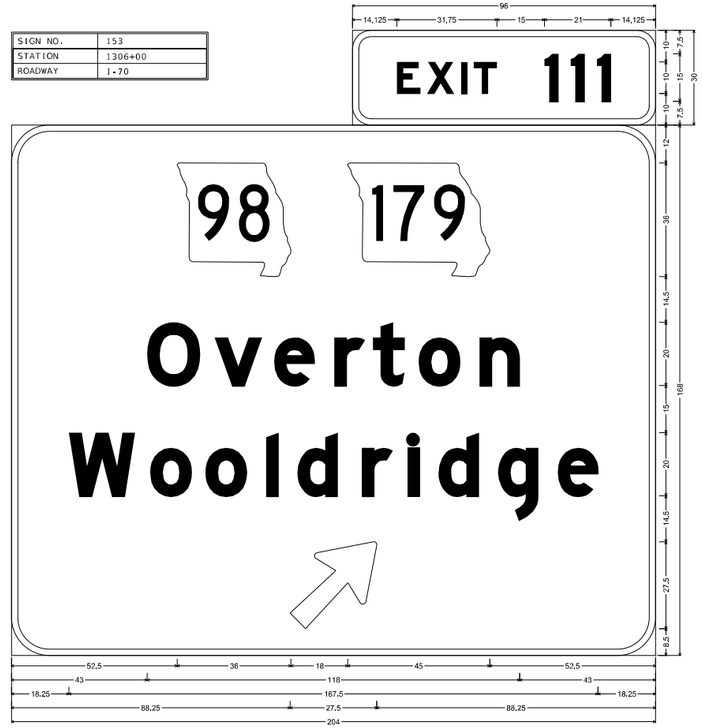
| | |
|---|---|
| SIGN NO. | 157 |
| STATION | 1317+35 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "111", E Mod 150% spacing;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 21.000 | **1** 33.375 | **1** 45.625 | |
| 24.250 | | | |

| | |
|---|---|
| SIGN NO. | 153 |
| STATION | 1306+00 |
| ROADWAY | I-70 |




E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "111", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 98 M1-6a3 18.000" C; State Highway 179 M1-6a4 18.000" C; "Overton", E Mod; "Wooldridge", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 14.125 | **X** 23.625 | **I** 34.375 | **T** 38.375 | **1** 60.875 | **1** 69.125 | **1** 77.375 | |
| 98 52.500 | 179 106.500 | | | | | | |
| **O** 43.000 | **v** 64.375 | **e** 83.250 | **r** 102.250 | **t** 114.500 | **o** 129.000 | **n** 148.250 | |
| **W** 18.250 | **o** 44.000 | **o** 61.500 | **l** 80.750 | **d** 90.625 | **r** 111.000 | **l** 125.375 | **d** 135.250 | **g** 154.125 | **e** 173.000 |
| 88.250 | | | | | | | | | |

N.T.S. FOLLOW DIMENSIONS

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PAVEMENT MARKING
& SIGNING
SHEET 50 OF 61

D-31

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 314 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

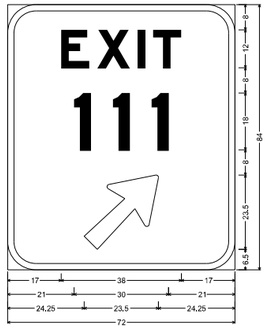
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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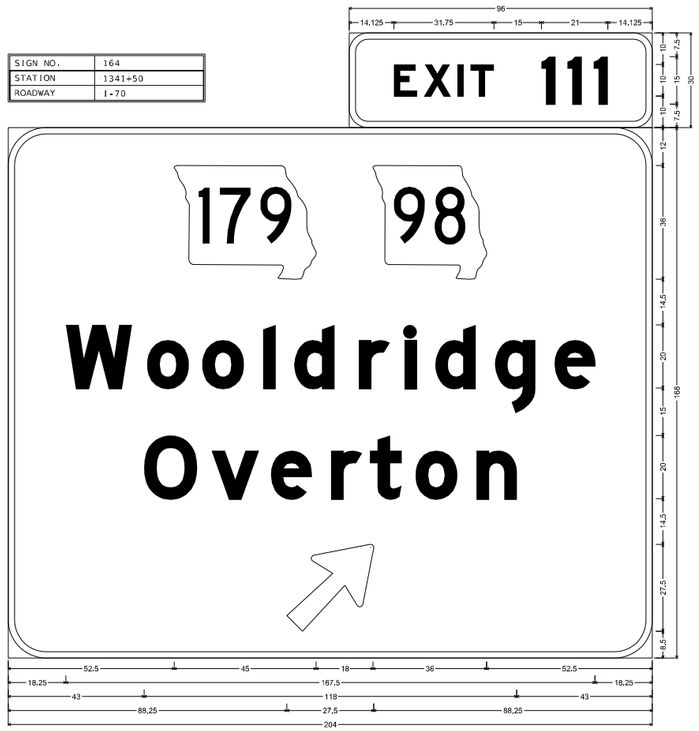
| | |
|---|---|
| SIGN NO. | 160 |
| STATION | 1330+00 |
| ROADWAY | I-70 |




E5-1a ST-STRUCTURAL;
9.000" Radius, 2.000" Border,
White on, Green;
"EXIT", E Mod; "111",
E Mod 150% spacing;
Arrow 133 - 30.000" 45';
Table of letter and object lefts

| | | | |
|---|---|---|---|
| **E** 17.000 | **X** 28.375 | **I** 41.250 | **T** 46.125 |
| **1** 21.000 | **1** 33.375 | **1** 45.625 | |
| 24.250 | | | |

| | |
|---|---|
| SIGN NO. | 164 |
| STATION | 1341+50 |
| ROADWAY | I-70 |

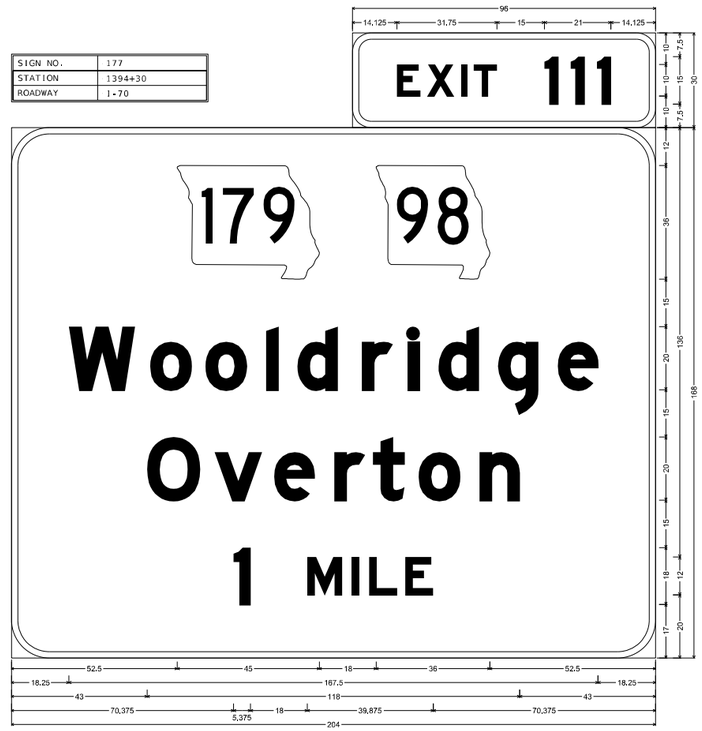



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "111", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 179 M1-6a4 18.000" C; State Highway 98 M1-6a3 18.000" C; "Wooldridge",
E Mod; "Overton", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 14.125 | **X** 23.625 | **I** 34.375 | **T** 38.375 | **1** 60.875 | **1** 69.125 | **1** 77.375 | |
| 179 52.500 | 98 115.500 | | | | | | |
| **W** 18.250 | **o** 44.000 | **o** 61.500 | **l** 80.750 | **d** 90.625 | **r** 111.000 | **l** 125.375 | **d** 135.250 | **g** 154.125 | **e** 173.000 |
| **O** 43.000 | **v** 64.375 | **e** 83.250 | **r** 102.250 | **t** 114.500 | **o** 129.000 | **n** 148.250 | |
| 88.250 | | | | | | | |

| | |
|---|---|
| SIGN NO. | 177 |
| STATION | 1394+30 |
| ROADWAY | I-70 |

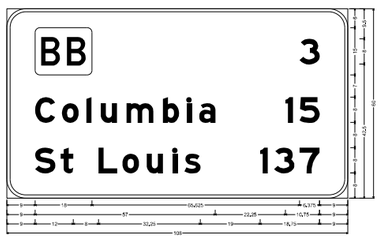



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "111", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 179 M1-6a4 18.000" C; State Highway 98 M1-6a3 18.000" C; "Wooldridge",
E Mod; "Overton", E Mod; "1", E Mod; "MILE", E Mod;
Table of letter and object lefts

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **E** 14.125 | **X** 23.625 | **I** 34.375 | **T** 38.375 | **1** 60.875 | **1** 69.125 | **1** 77.375 | |
| 179 52.500 | 98 115.500 | | | | | | |
| **W** 18.250 | **o** 44.000 | **o** 61.500 | **l** 80.750 | **d** 90.625 | **r** 111.000 | **l** 125.375 | **d** 135.250 | **g** 154.125 | **e** 173.000 |
| **O** 43.000 | **v** 64.375 | **e** 83.250 | **r** 102.250 | **t** 114.500 | **o** 129.000 | **n** 148.250 | |
| **I** 70.375 | **M** 93.750 | **I** 107.875 | **L** 113.375 | **E** 124.750 | | | |

| | |
|---|---|
| SIGN NO. | 168 |
| STATION | 1359+05 |
| ROADWAY | I-70 |




D2-3 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
Rounded Rectangle 1.500" Radius;
"3", E Mod; "Columbia", E Mod; "15", E Mod; "St Louis", E Mod;
"137", E Mod;
Table of letter and object lefts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| □ 9.000 | **3** 92.625 | | | | | | | |
| **c** 9.000 | **o** 17.500 | **l** 25.125 | **u** 29.750 | **m** 37.875 | **b** 49.375 | **l** 57.000 | **a** 60.875 | |
| **l** 88.250 | **5** 92.625 | | | | | | | |
| **S** 9.000 | **t** 17.000 | **L** 29.000 | **o** 36.625 | **u** 44.250 | **l** 52.500 | **s** 56.125 | **l** 80.250 | |
| **3** 84.625 | **7** 92.625 | | | | | | | |

N.T.S. FOLLOW DIMENSIONS

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STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010008809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010008809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 315 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

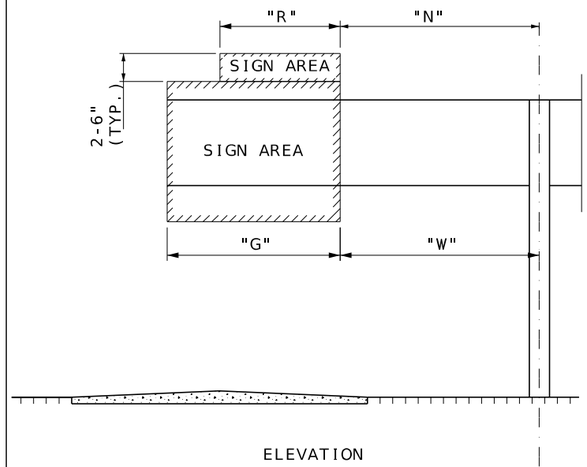
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

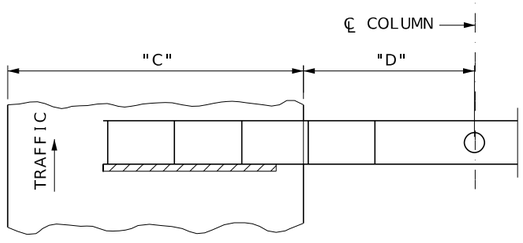
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PAVEMENT MARKING
& SIGNING
SHEET 51 OF 61

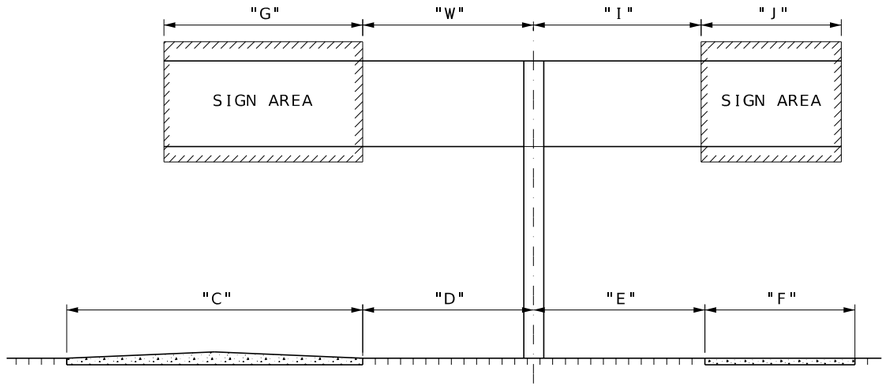
D-31



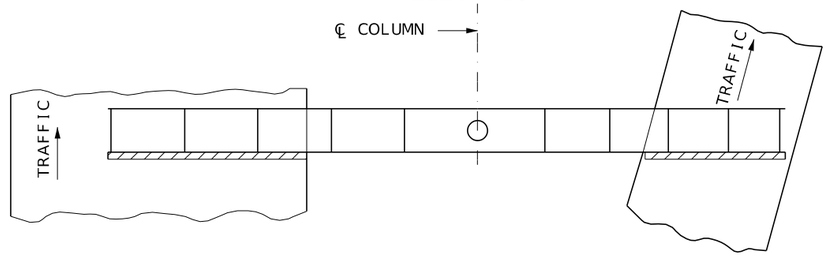

ELEVATION




PLAN
CANTILEVER OVERHEAD SIGN TRUSS




ELEVATION




PLAN
BUTTERFLY OVERHEAD SIGN TRUSS

## OVERHEAD SIGN DIMENSIONS

| SIGN NO. | STATION NUMBER | TYPE SIGN | | COL. H | COL. TYPE | ROADWAY DESCRIPTION | | | | SIGN SPACING | | | | | | | | CONCRETE FOOTINGS (CU. YD.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CANT. | BUTTERFLY | | | "C" | "D" | "E" | "F" | "G" | Ht. | "W" | "I" | "J" | Ht. | "R" | "N" | |
| 49 | 917+17 | x | | 21'-5" | V | 60' | 7.5' | | | 14' | 12' | 12.5' | | | | | | 16.6' |
| 54 | 930+37 | x | | 24'-4" | V | 60' | 7.5' | | | 14' | 14' | 12.5' | | | | | | 19.1' |

GENERAL NOTES:

DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS. LUMINAIRES AND TRAFFIC SIGNALS - 2001 AND LATEST INTERIM.

STRUCTURAL CARBON STEEL (ASTM A709 GRADE 36) fy = 36,000 psi.

REINFORCING STEEL (GRADE 60) fY = 60,000 psi.

CLASS B CONCRETE f'c = 3,000 psi.

MINIMUM CLEARANCE: VERTICAL ROADWAY CLEARANCE = 17'-6".

MINIMUM CLEARANCE TO REINFORCING SHALL BE 3", UNLESS OTHERWISE SHOWN.

TRUSS SHALL BE ALL WELDED CONSTRUCTION. ALL WELDING TO BE CONTINUOUS UNLESS OTHERWISE SHOWN.

QUALIFICATION OF WELDING OPERATORS WILL BE REQUIRED.

STRUCTURAL STEEL WELDING AND WELDER QUALIFICATION SHALL BE PERFORMED IN ACCORDANCE WITH THE A.W.S. D1.5 BRIDGE WELDING CODE AS AMMENDED BY THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS ON STRUCTURAL STEEL CONSTRUCTION.

ALUMINUM WELDING AND WELDER QUALIFICATION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF A.W.S. D1.2 STRUCTURAL WELDING CODE - ALUMINUM, EXCEPT AS AMENDED BY SECTION 903 OF THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

ALL ALUMINUM FILLET WELDS SHALL BE 3/16" UNLESS OTHERWISE SHOWN.

COATING: ALL COLUMNS SHALL BE GALVANIZED AS PER AASHTO M 111. ALL STRUCTURAL STEEL (EXCEPT THE COLUMNS) SHALL BE CLEANED AND COATED WITH SYSTEM G IN ACCORDANCE WITH STANDARD SPECIFICATIONS, SECTION 1081 AND 903 COLOR OF THE FINISHED COAT SHALL BE GRAY.

PAYMENT FOR GALVANIZING, CLEANING AND COATING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SIGN TRUSS. ALL THE STRUCTURAL STEEL MAY BE GALVANIZED IN LIEU OF COATING. PORTIONS OF THE STEEL MAY BE GALVANIZED WITH THE APPROVAL OF THE ENGINEER.

PERMITS MUST BE OBTAINED FOR ALL TRUCK LOADS OVER LEGAL LENGTH.

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# BUTTERFLY AND CANTILEVER OVERHEAD SIGN TRUSSES

## STRUCTURAL STEEL

DATA SHEET
(SEE STANDARD 903.12)

PAVEMENT MARKING
& SIGNING
SHEET 52 OF 61

D-32

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 316 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

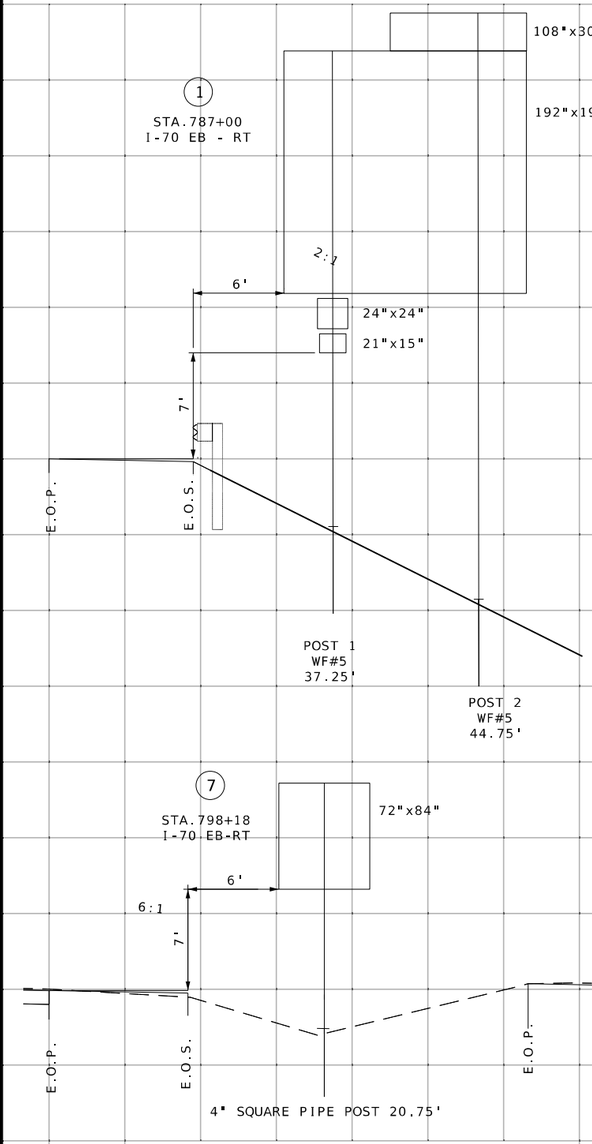
PROJECT NO.
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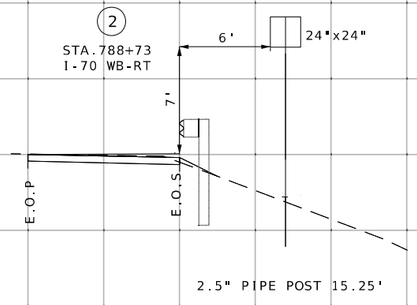
BRIDGE NO.
-

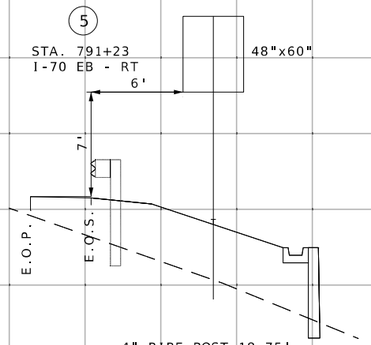
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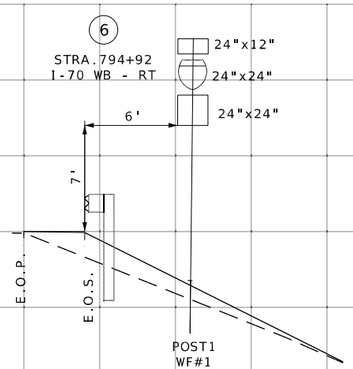
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

EFK•Moen
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13523 Barrett Parkway Dr
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St. Louis, MO 63021
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Missouri Certificate of Authority: 001578



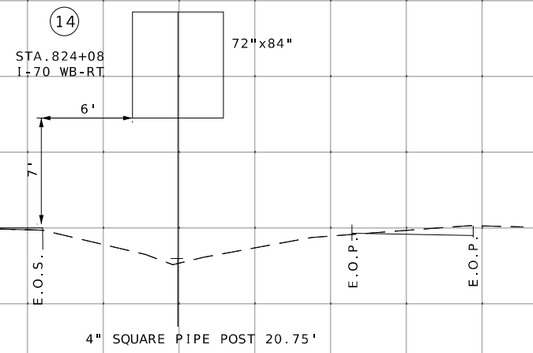



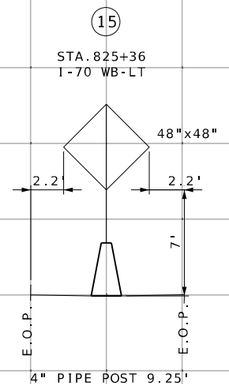



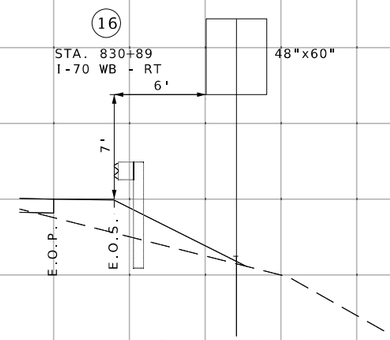



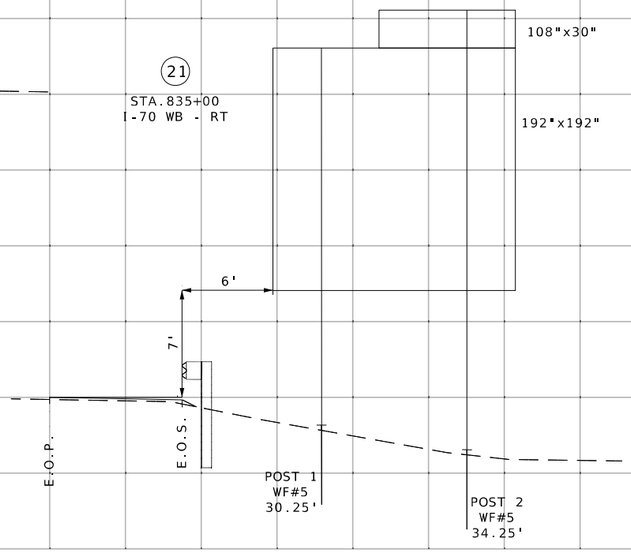


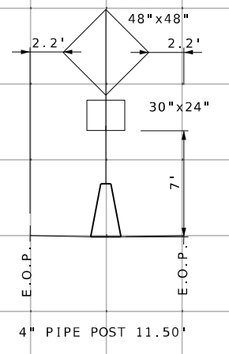


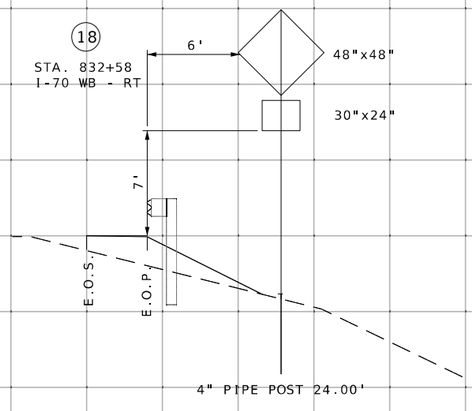



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PAVEMENT MARKING
& SIGNING
SHEET 53 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 317 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
.

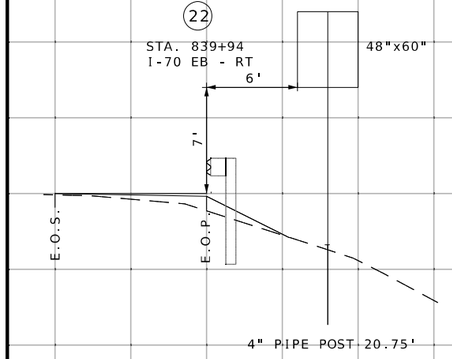
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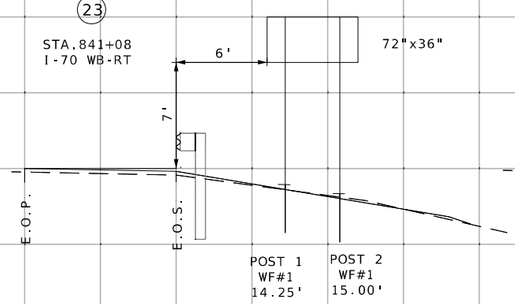
BRIDGE NO.
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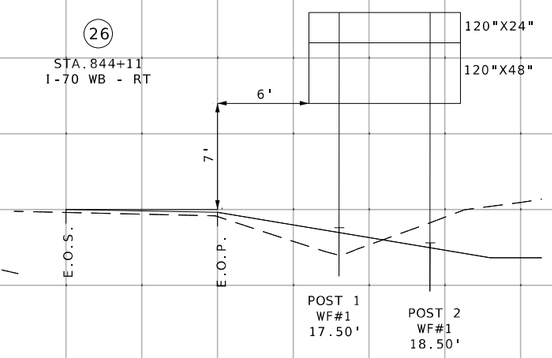
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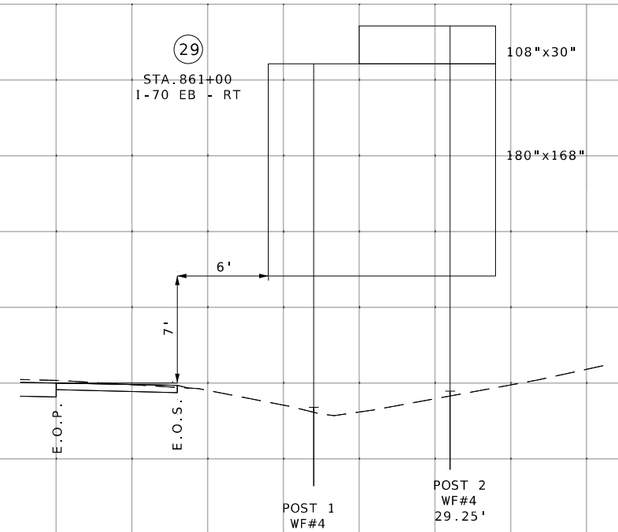
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

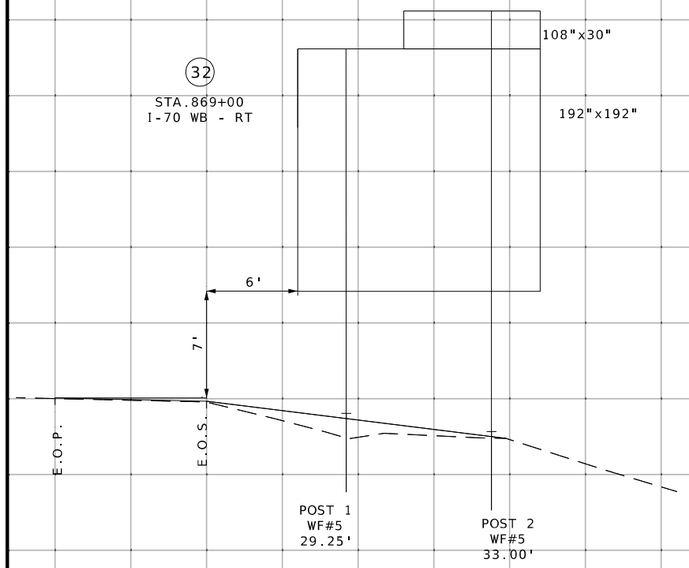
EFK•Moen
Civil Engineering Design
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Suite 250
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Phone 314-394-3100
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Missouri Certificate of Authority: 001578

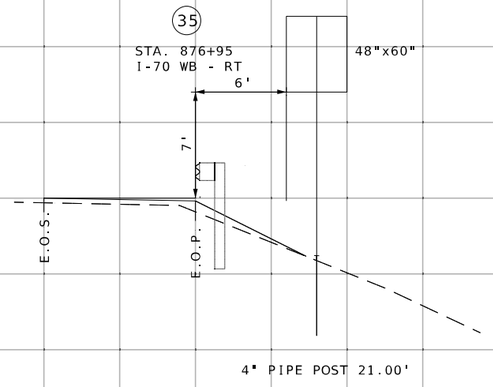


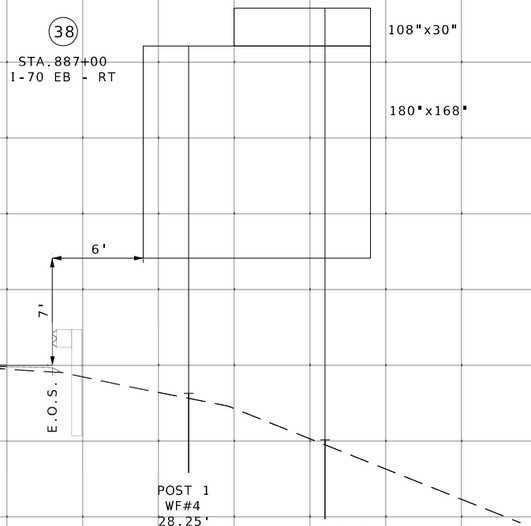



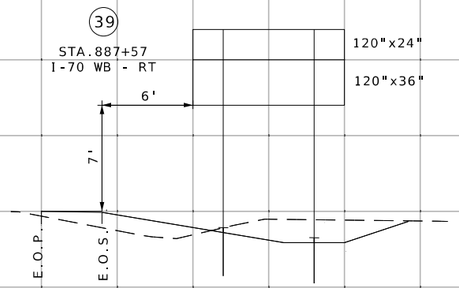



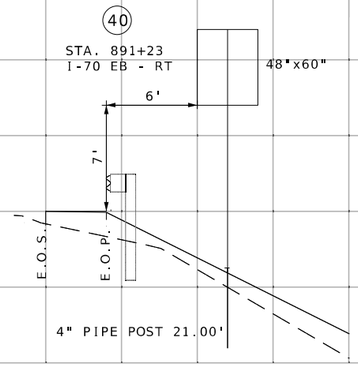




DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

PAVEMENT MARKING
& SIGNING
SHEET 54 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 318 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

(43)
STA.897+98
I-70 EB-RT
72"x84"
4.5'
4.5'
7'
E.O.P.
E.O.S.
E.O.S.
E.O.P.
4 " SQUARE PIPE POST 19.50'

(46)
STA.913+29
I-70 WB-RT
72"x84"
6'
7'
E.O.P.
E.O.S.
E.O.S
E.O.P.
4 " SQUARE PIPE POST 19.50'

(50)
STA. 919+84
I-70 WB - RT
48"x60"
6'
7'
E.O.P.
E.O.S.
4" PIPE POST 15.00'

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(51)
STA. 925+90
I-70 EB - RT
132"x60"
132"x36"
6'
7'
E.O.P.
E.O.S.
POST 1
WF# 2
20.50'
POST 2
WF# 2
20.25'

(57)
STA. 939+10
I-70 EB - RT
132"x60"
6'
7'
E.O.P.
E.O.S.
POST 1
WF#1
16.50'
POST 2
WF#1
17.50'

(58)
STA. 941+51
I-70 EB - RT
48"X60"
6'
7'
E.O.P.
E.O.S.
4" PIPE POST 18.50'

(61)
STA.949+01
I-70 EB-RT
72"x84"
6'
7'
E.O.P.
E.O.S.
E.O.S.
E.O.P.
4 " SQUARE PIPE POST 20.75'

(62)
STA. 952+64
I-70 WB - RT
72"x84"
6'
7'
E.O.P.
E.O.S.
E.O.S
E.O.P.
4 " SQUARE PIPE POST 20.25'

(65)
STA. 960+41
I-70 WB - RT
48"X60"
6'
7'
4" PIPE POST 20.00'
5:1
2:1
9:1

(66)
STA. 963+50
I-70 WB - RT
132"X60"
6'
7'
E.O.P.
E.O.S.
POST 1
WF#1
18.00'
POST 2
WF#1
20.50'

(67)
STA.963+85
I-70 EB-RT
108"x36"
6'
7'
E.O.P.
E.O.S.
POST 1
WF# 1
16.50'
POST 2
WF# 1
18.75'

PAVEMENT MARKING
& SIGNING
SHEET 55 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 319 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

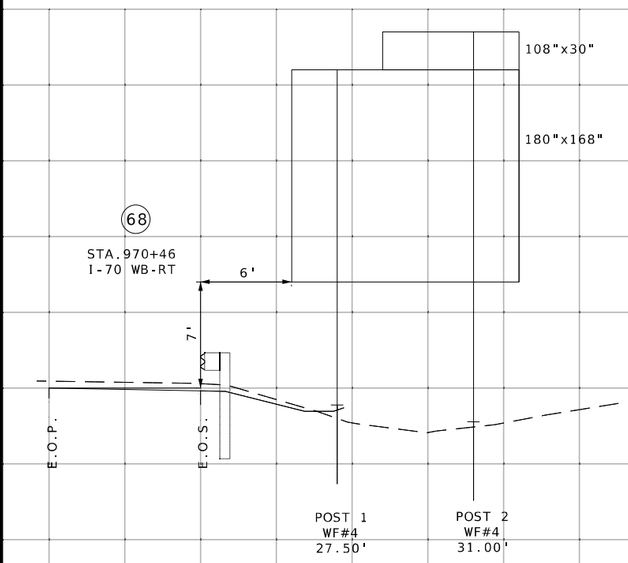
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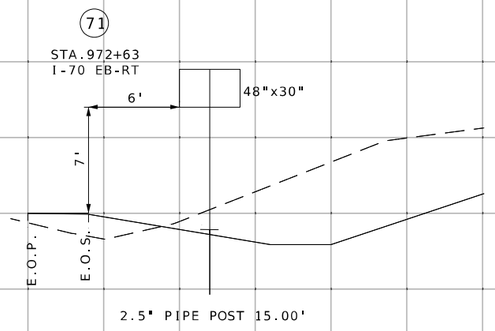
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

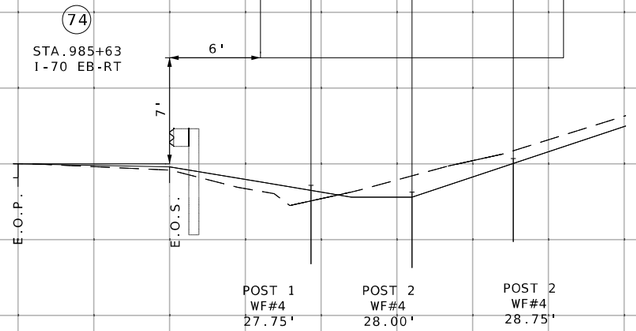
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

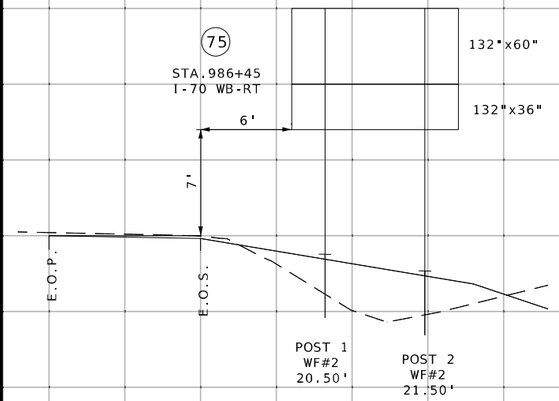
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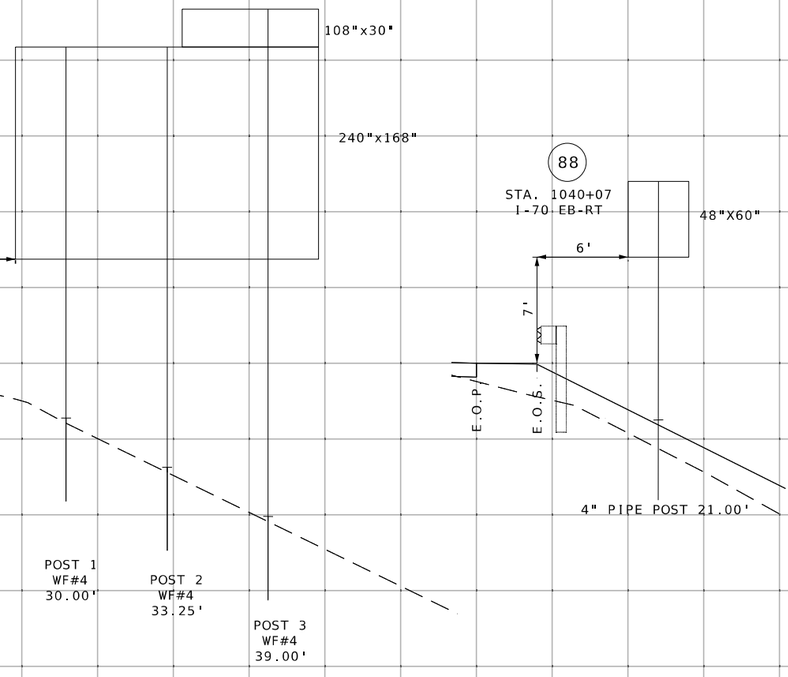

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



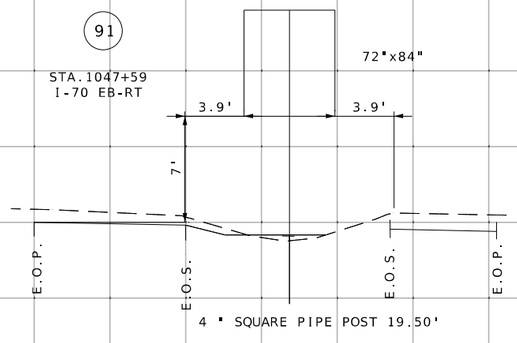










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PAVEMENT MARKING
& SIGNING
SHEET 56 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 320 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

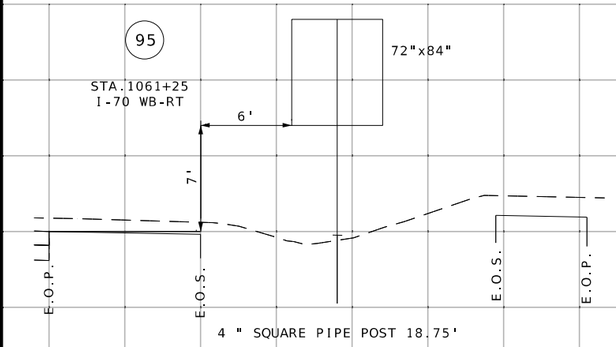
BRIDGE NO.
-

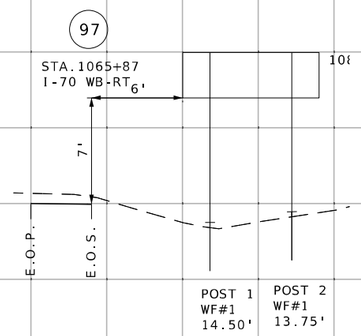
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|---|---|
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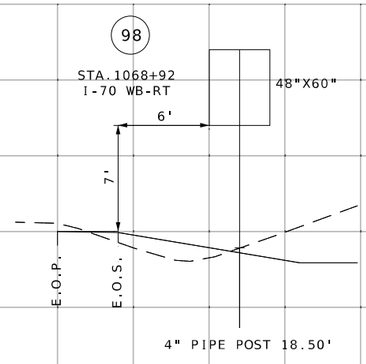
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

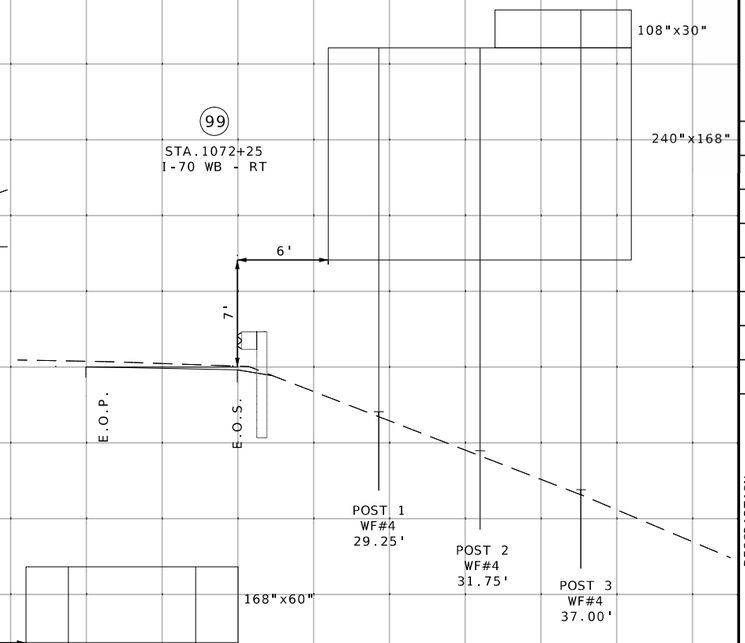
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

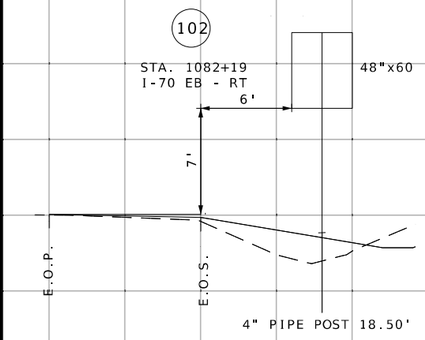
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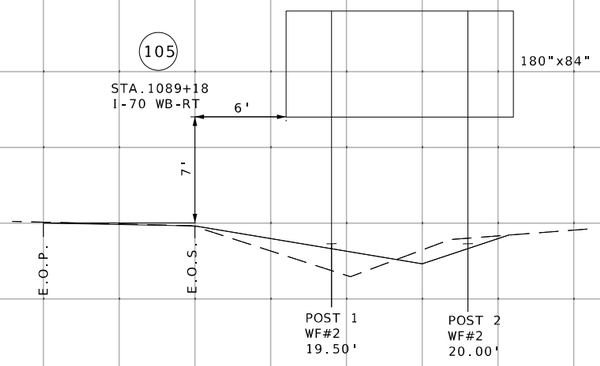


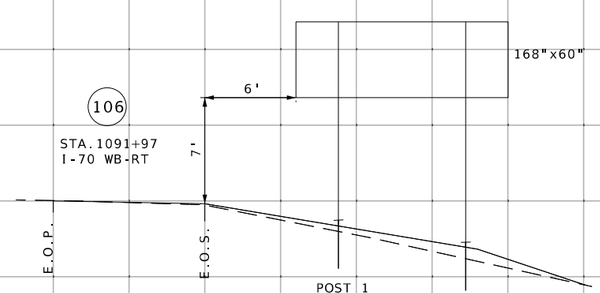



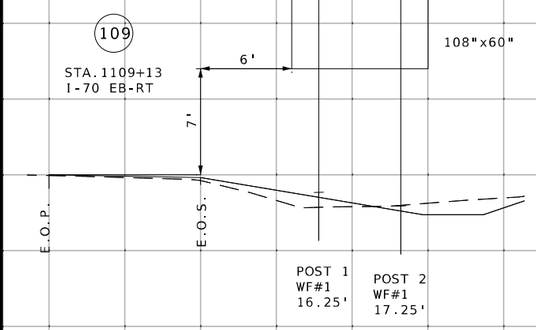



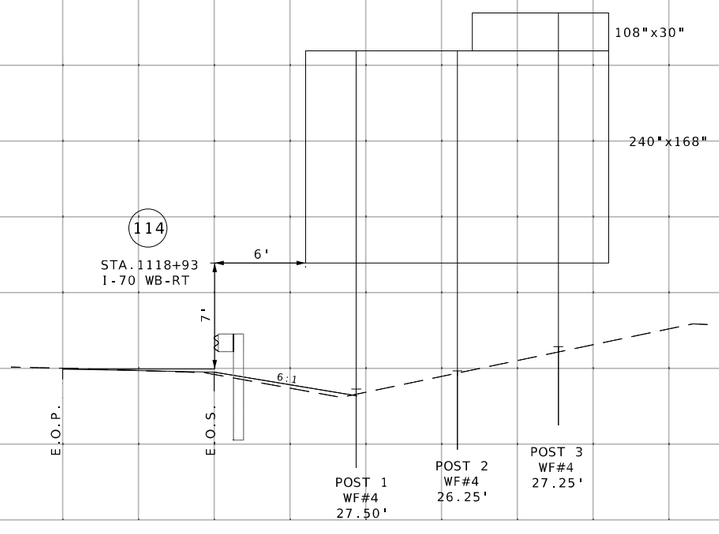




DISCLAIMER
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PAVEMENT MARKING
& SIGNING
SHEET 57 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 321 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

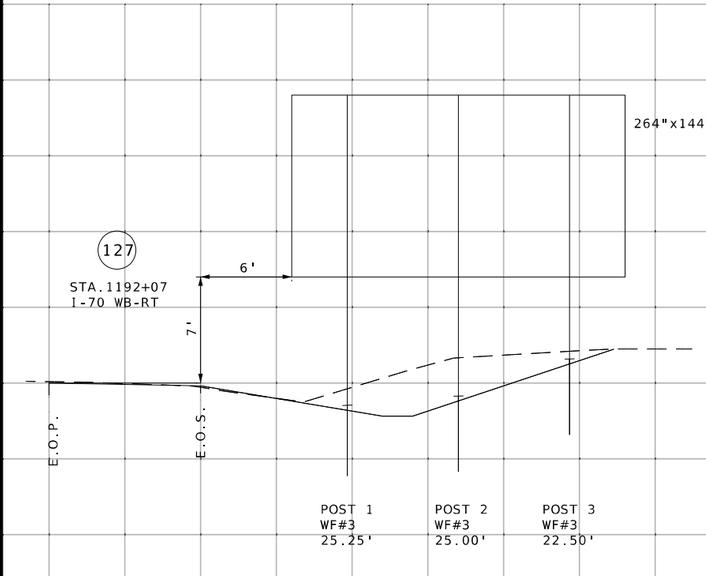
BRIDGE NO.
-

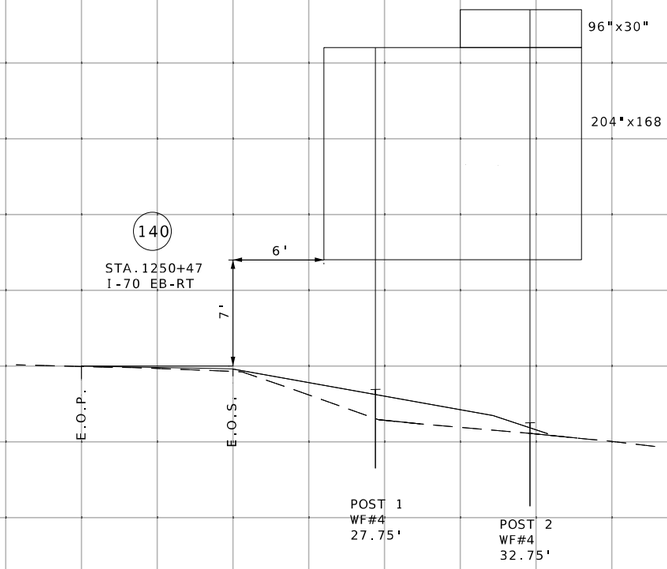
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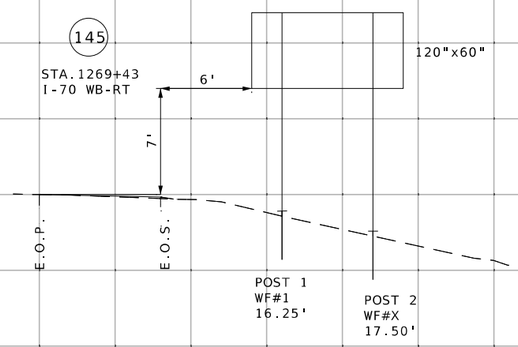
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

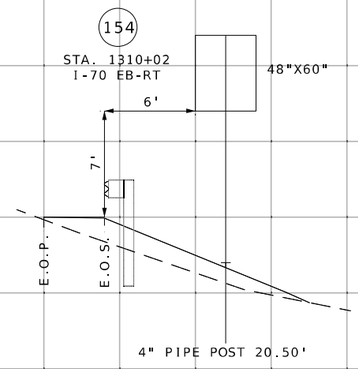
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

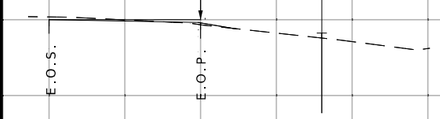
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

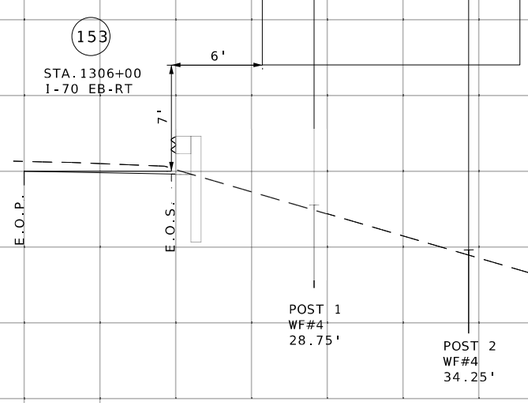


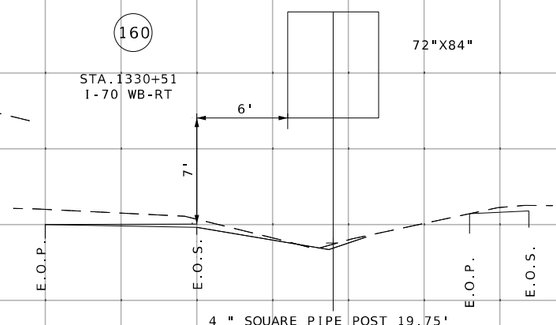



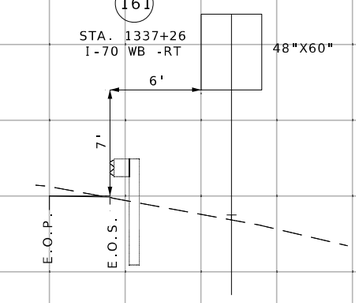



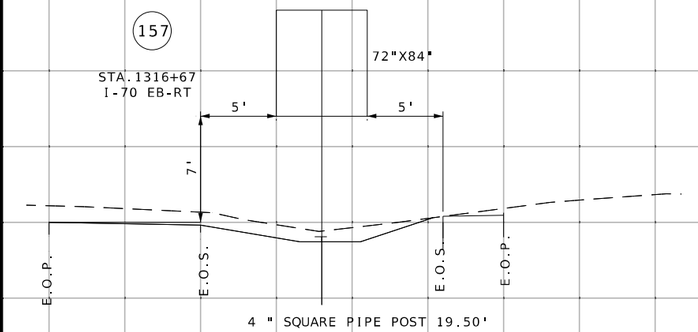




DISCLAIMER
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PAVEMENT MARKING
& SIGNING
SHEET 58 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 322 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

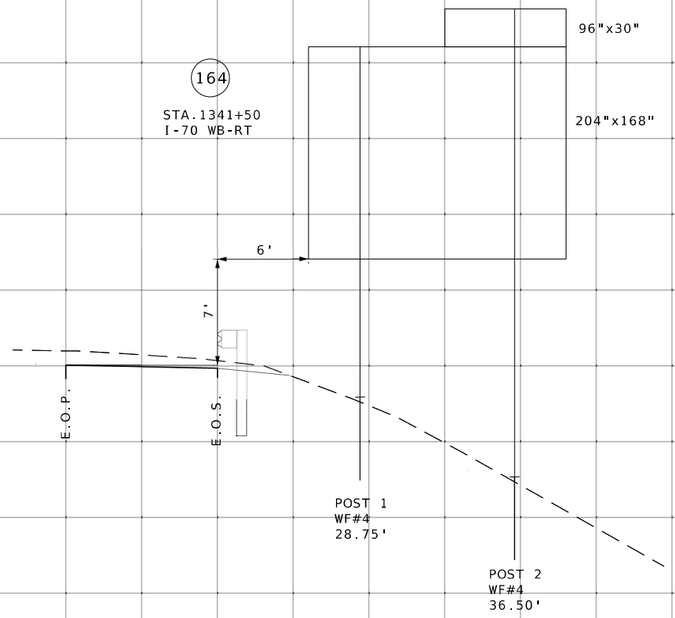
BRIDGE NO.
-

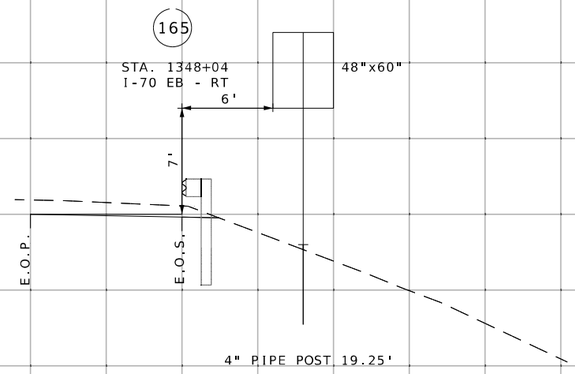
| DESCRIPTION | DATE |
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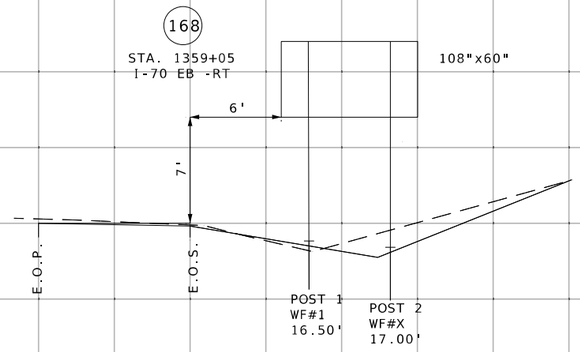
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

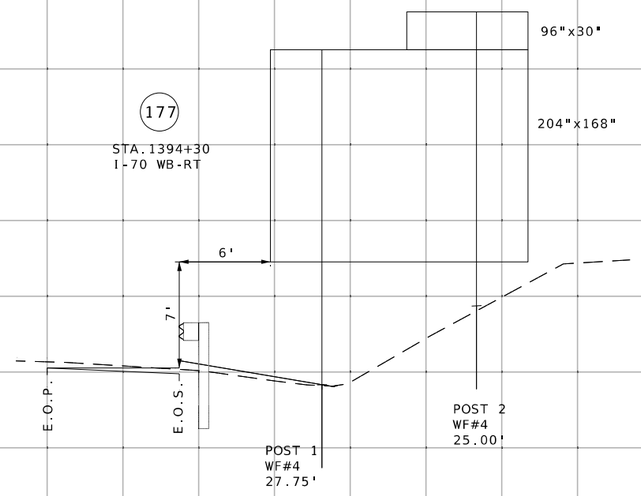
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



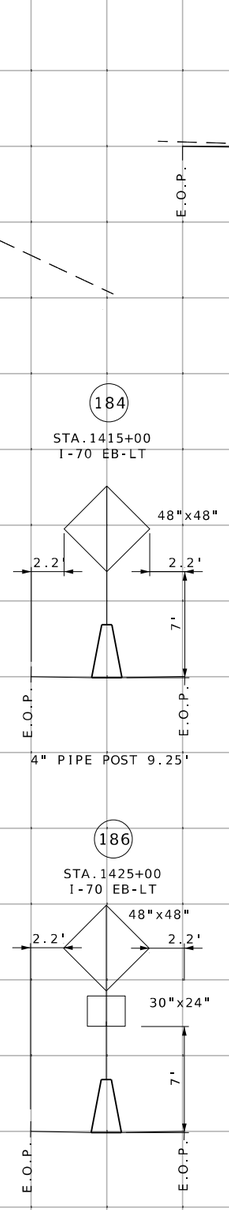



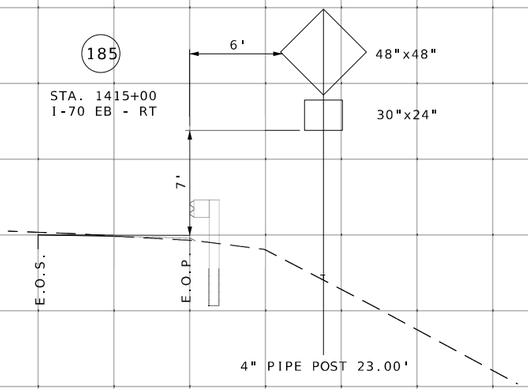










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PAVEMENT MARKING
& SIGNING
SHEET 59 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000609
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000609

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 323 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

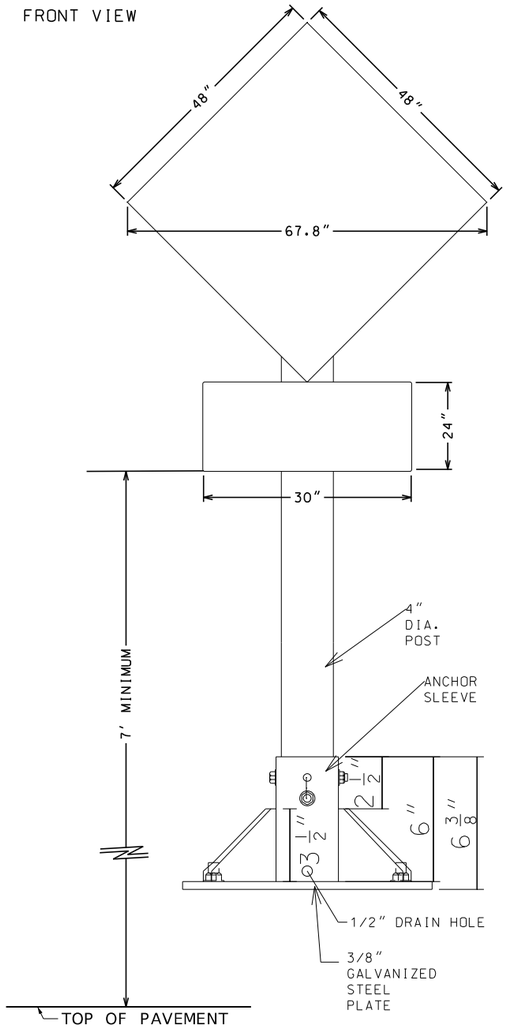
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
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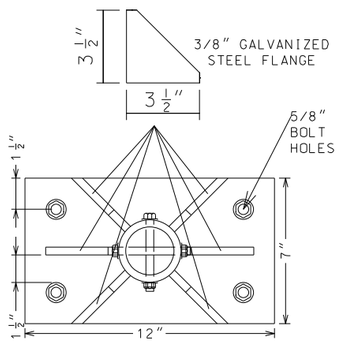
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

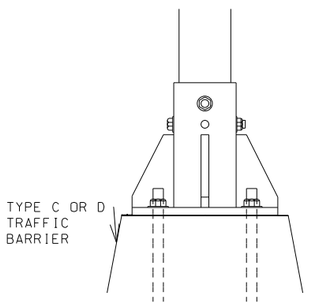
FRONT VIEW



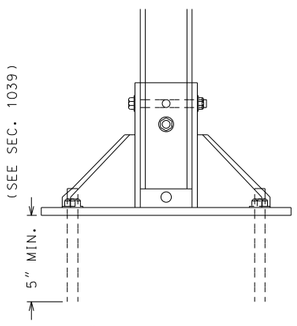

TOP VIEW




SIDE VIEWS



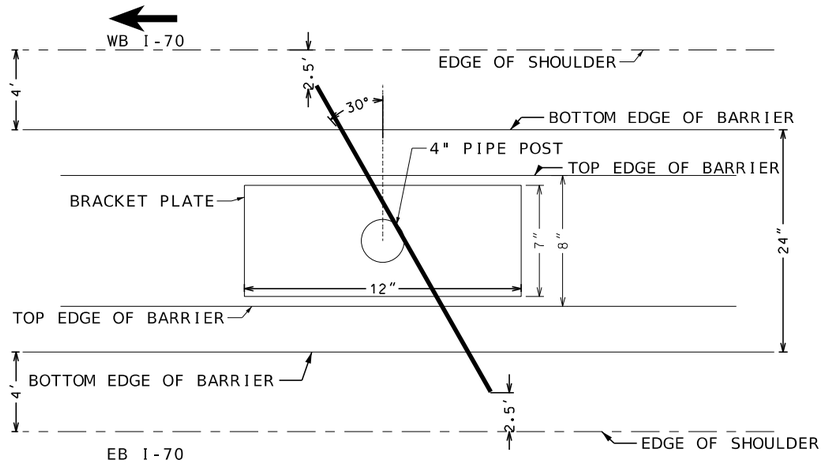

NOTE: ALL ITEMS NECESSARY TO ATTACH THE POST TO THE BARRIER (INCLUDING SIGN MOUNTING BRACKET, ANCHOR BOLTS, PLATES, ETC.) ARE INCLUDED IN THE COST OF THE PIPE POST



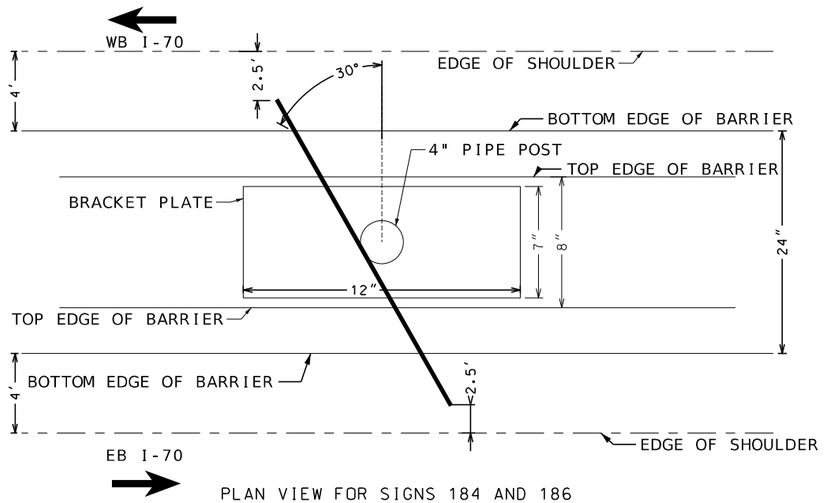

1/2″ DIAM. ANCHORS SHALL BE EMBEDDED A MIN. OF 5″ AND EQUAL OR EXCEED THE PULL TEST REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1039

NOT TO SCALE

PIPE POST SIGN MOUNTING BRACKET FOR BARRIER WALL




PLAN VIEW FOR SIGNS 15 AND 17




PLAN VIEW FOR SIGNS 184 AND 186

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PAVEMENT MARKING & SIGNING
SHEET 60 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER
10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 324 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

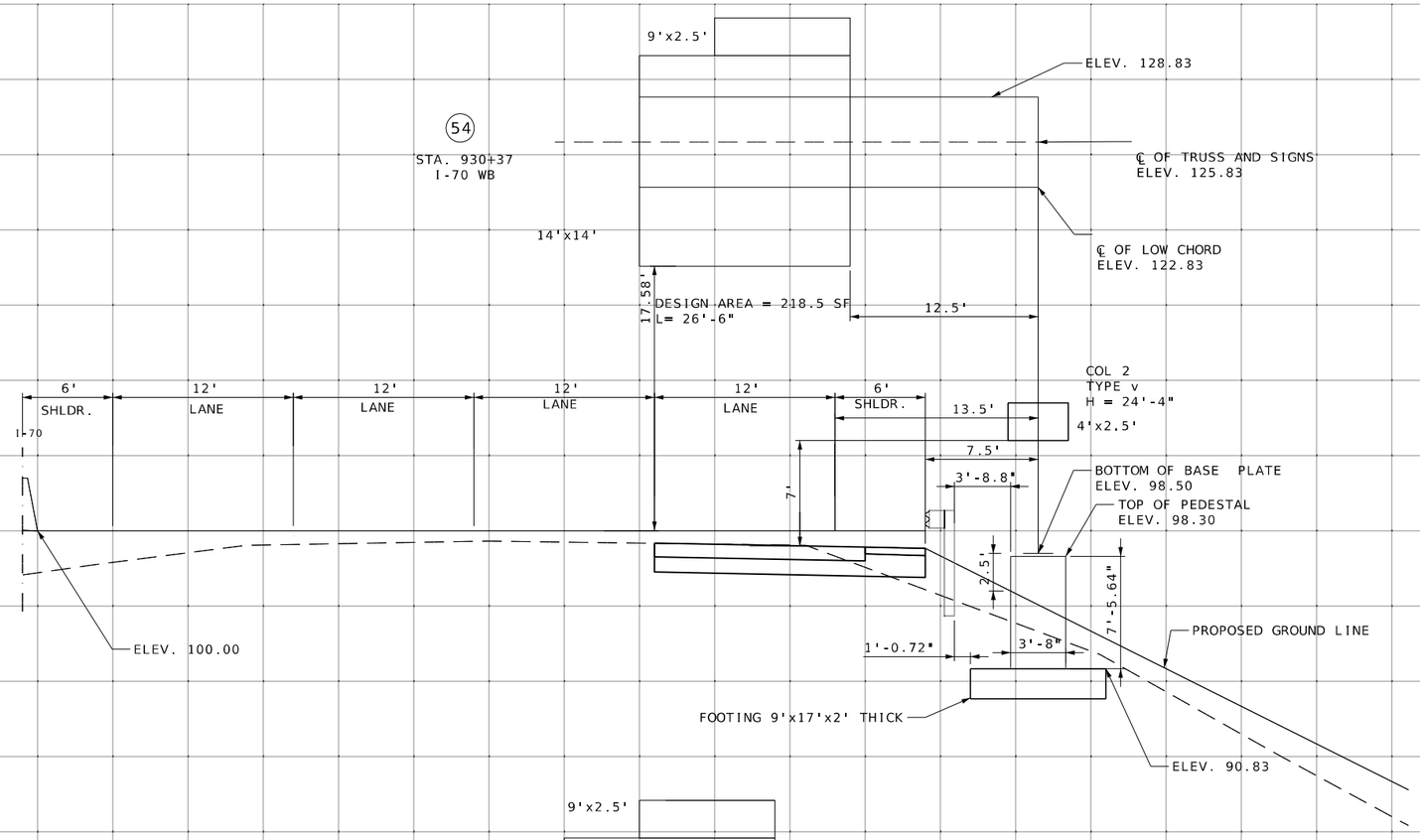
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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PAVEMENT MARKING
& SIGNING
SHEET 61 OF 61

STATE OF MISSOURI
NICHOLAS MICHAEL CORRENTI
NUMBER PE-2010000809
PROFESSIONAL ENGINEER

10/27/2025 3:58:47 PM
Nicholas Michael Correnti - Civil
MO PE-2010000809

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 325 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

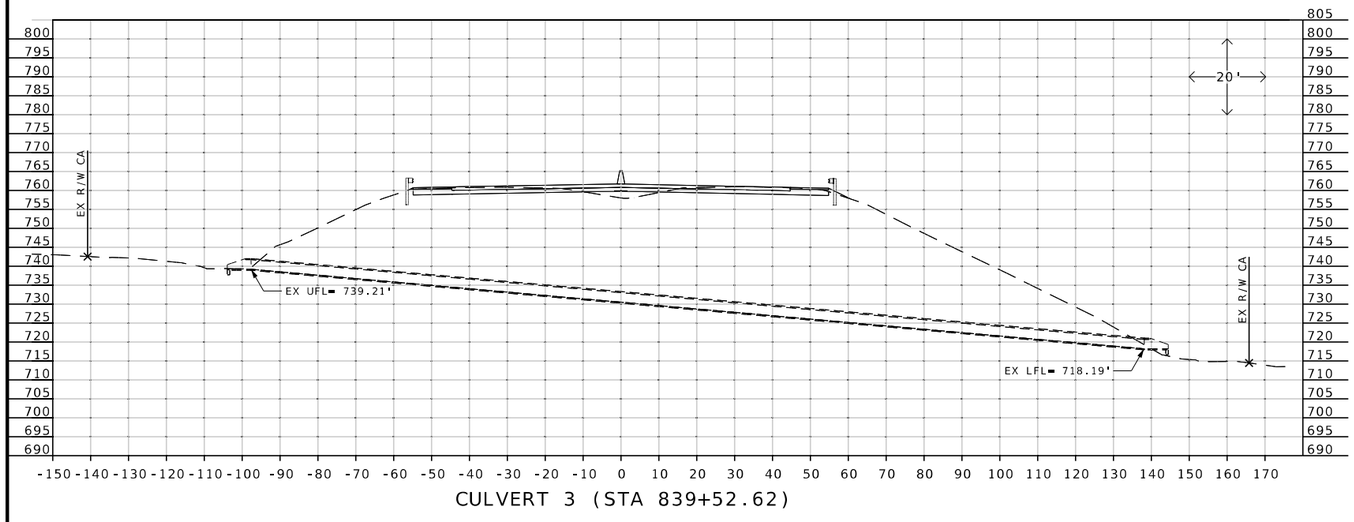
PROJECT NO.
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BRIDGE NO.
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| DESCRIPTION | DATE |
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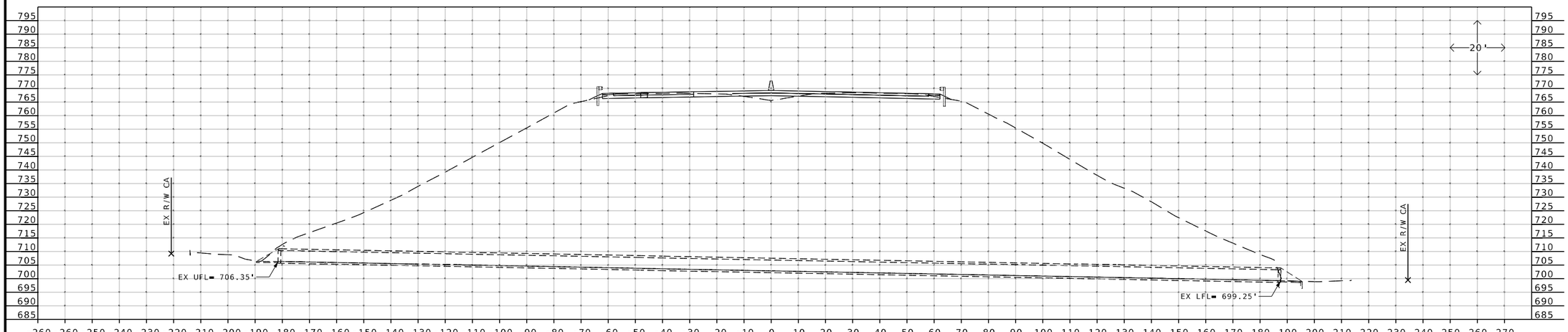
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CULVERT 3 (STA 839+52.62)

℄ I-70
STA 839+35.7 96.17' LT TO
STA 839+76.45 136.10' RT
236' x 30" RCP @ 8.91%
U.I.P.




CULVERT 2 (STA 829+33.71)

℄ I-70
STA 828+87.14 173.62' LT TO
STA 829+82.31 181.20' RT
367' x 4' x 4' RCB @ 1.94%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 1 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 326 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
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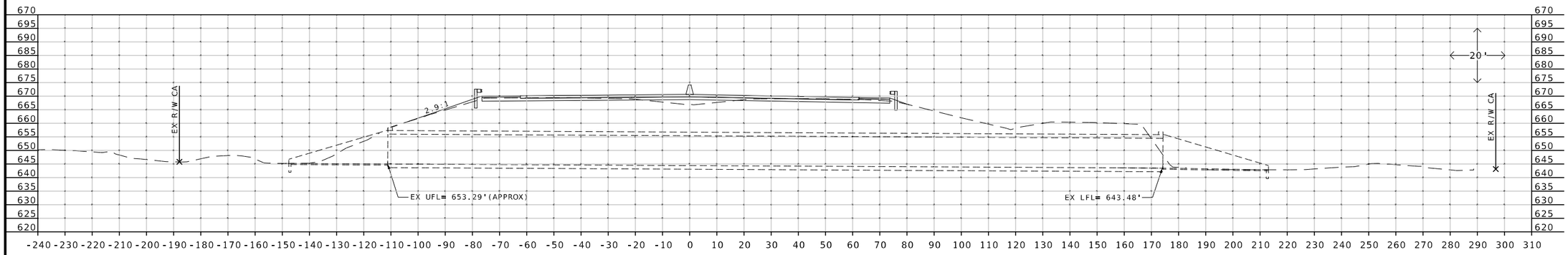
BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

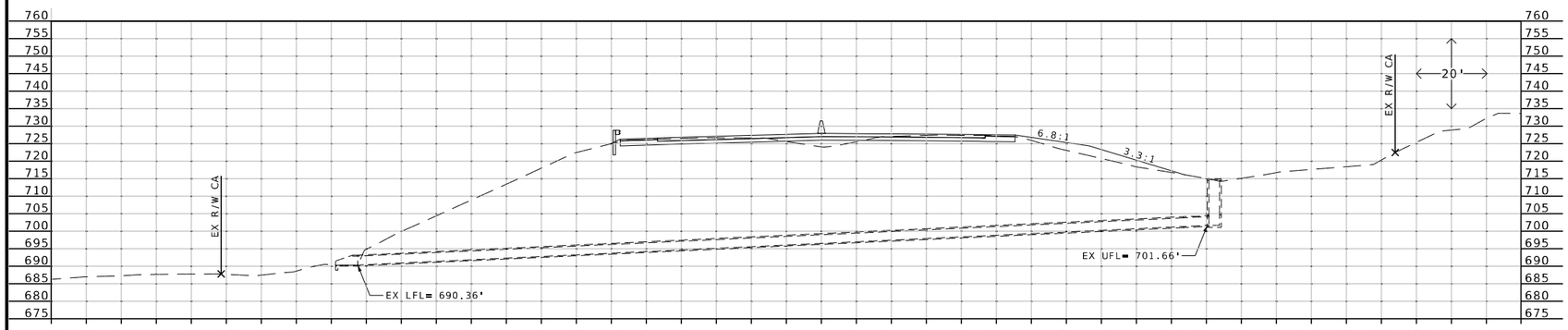
Bartlett&West
601 MONROE ST, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
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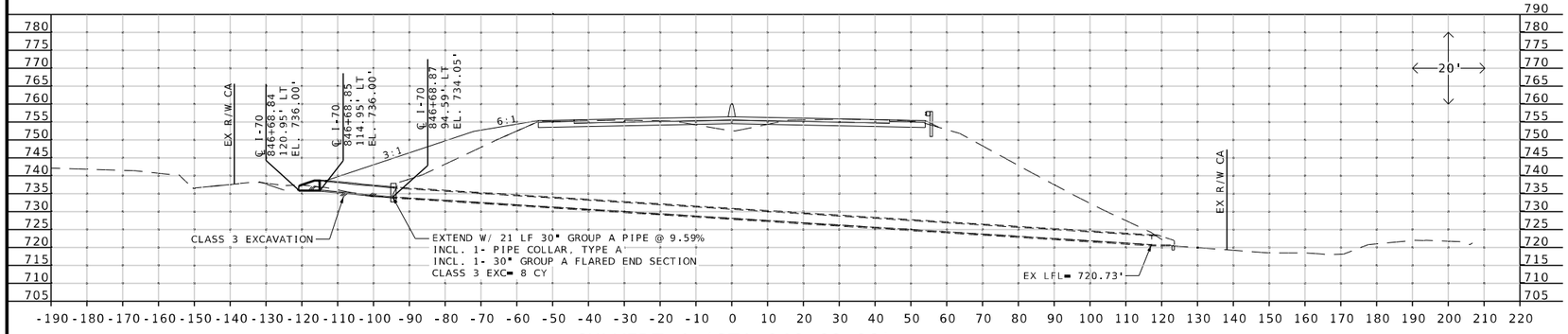

## CULVERT B (STA 880+05.26)

℄ I-70
STA 879+25.77 79.27' LT TO
STA 881+28.64 123.02' RT
286' x 11' x 11' RCB @ 3.42%
U.I.P.




## CULVERT 5 (STA 859+35.38)

℄ I-70
STA 858+97.88 103.29' RT TO
STA 859+80.60 124.52' LT
246' x 36" RCP @ 4.59%
U.I.P.




## CULVERT 4 (STA 846+68.98)

℄ I-70
STA 846+68.87, 94.59' LT TO
STA 846+69.11, 117.16' RT
212' x 30" RCP @ 6.29%

I-70 CULVERT SECTIONS
SHEET 2 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 327 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

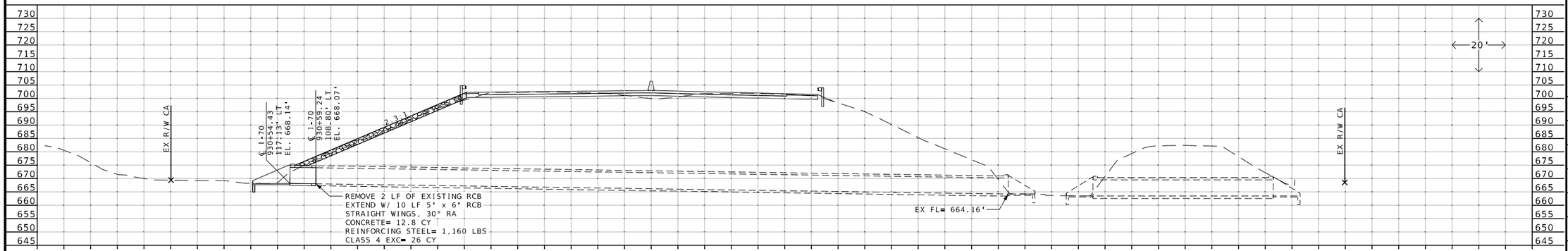
PROJECT NO.
-

BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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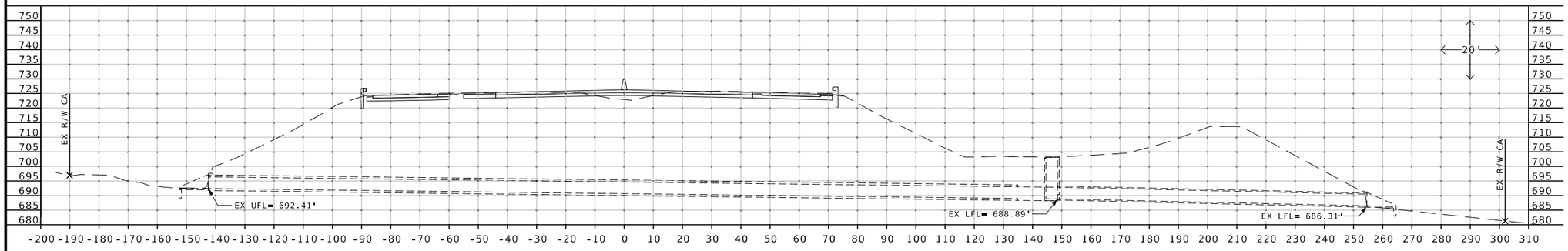
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
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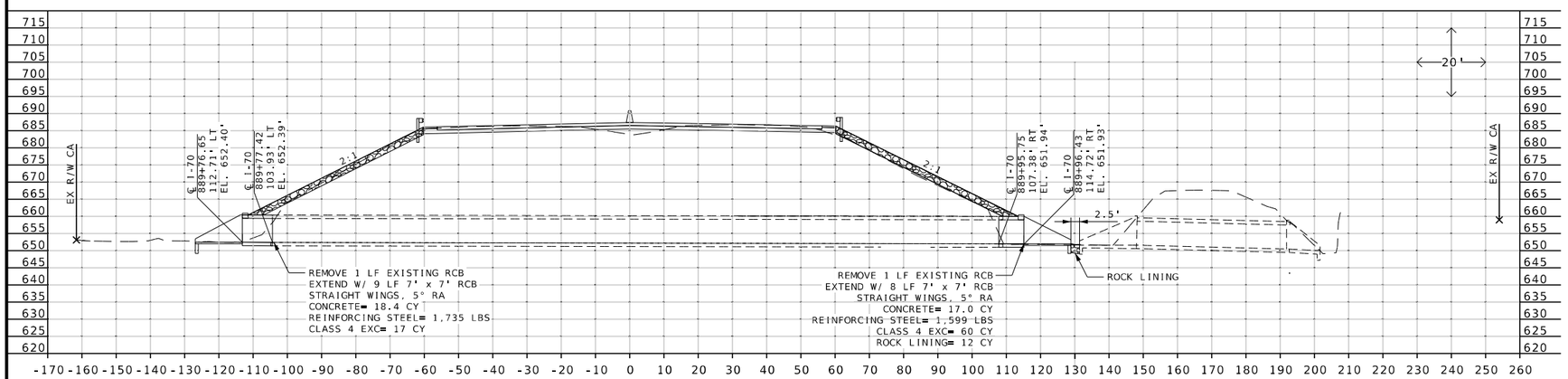

CULVERT 8 (STA 931+22.08)

℄ I-70
STA 930+58.37 110.18' LT TO
STA 931+88.98 115.82' RT
261' x 5' x 6' RCB @ 1.50%




CULVERT 7 (STA 914+08.71)

℄ I-70
STA 914+08.66 142.57' LT TO
STA 915+08.77 148.60' RT
291' x 5' x 4' RCB @ 1.21%
U.I.P.




CULVERT 6 (STA 889+86.45)

℄ I-70
STA 889+77.42 103.93' LT TO
STA 889+95.75 107.38' RT
213' x 7' x 7' RCB @ 0.21%

I-70 CULVERT SECTIONS
SHEET 3 OF 15


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 328 |

COUNTY
COOPER

JOB NO.
JST0017B

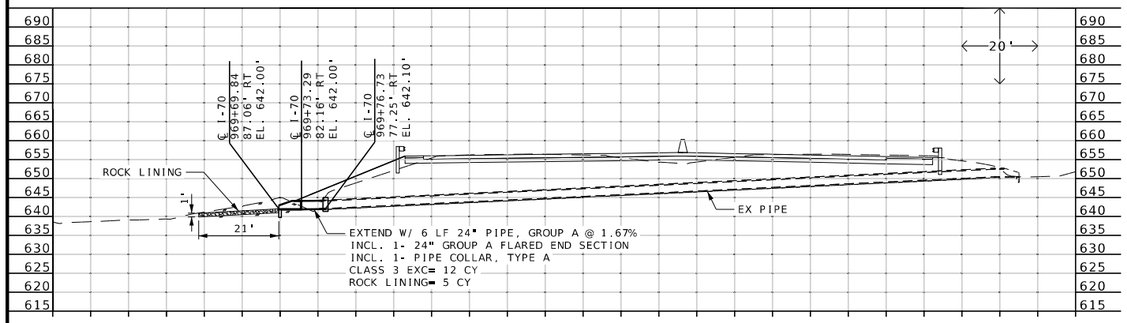
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PROJECT NO.
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BRIDGE NO.
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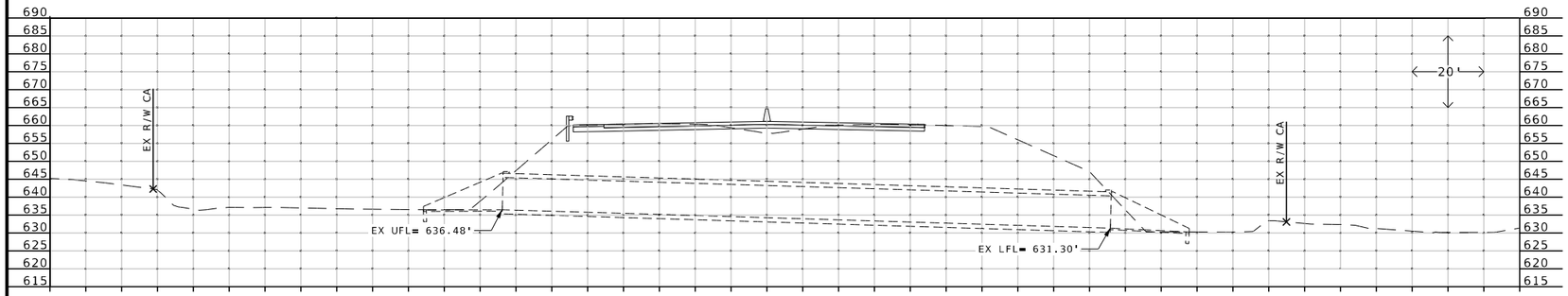
| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
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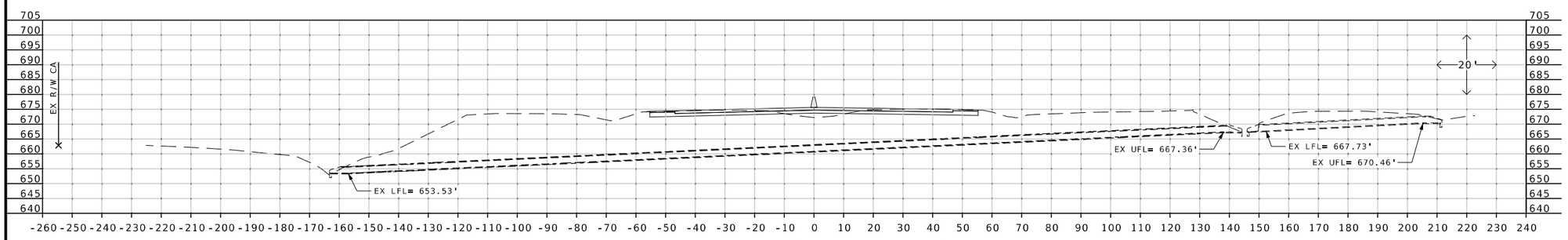

## CULVERT 10 (STA 970+30.91)

℄ I-70
STA 969+76.73 77.25' RT TO
STA 970+78.28 67.52' LT
179' x 24" RCP @ 4.75%




## CULVERT C (STA 963+20.51)

℄ I-70
STA 963+20.50 82.03' LT TO
STA 963+20.49 91.78' RT
174' x 9' x 9' RCB @ 2.98%
U.I.P.




## CULVERT 9 (STA 951+31.69)

℄ I-70
STA 950+86.17 124.73' RT TO
STA 951+83.40 141.71' LT
284' x 24" RCP @ 4.87%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 4 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 329 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

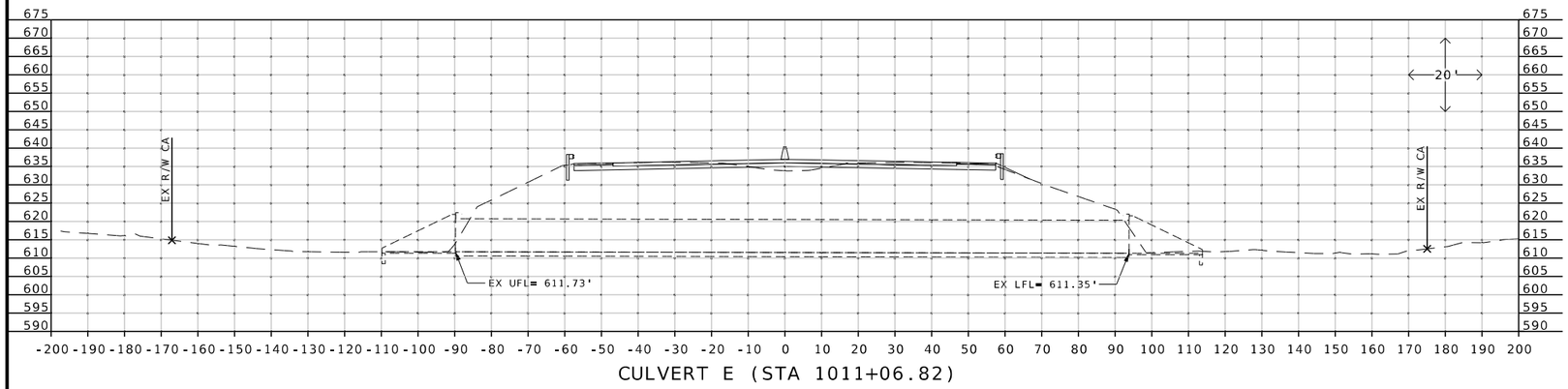
PROJECT NO.
-

BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|

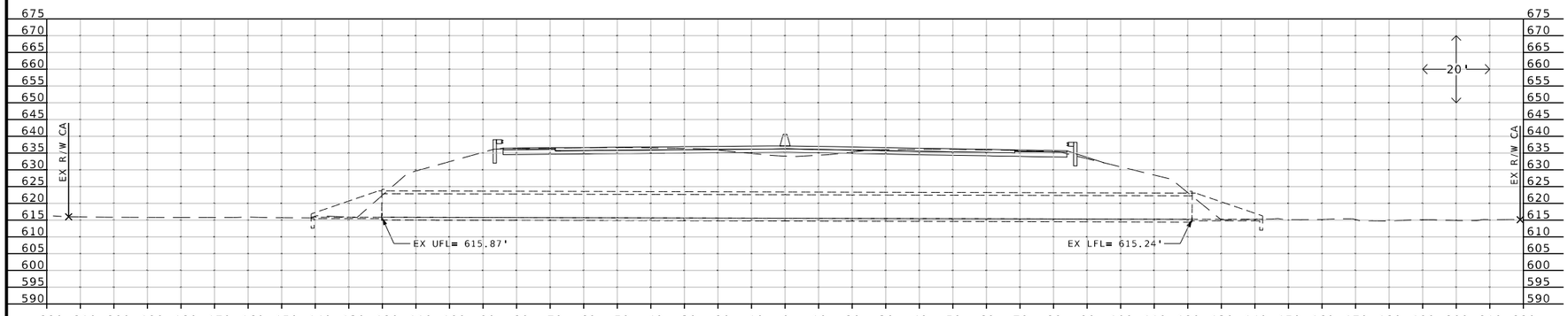
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
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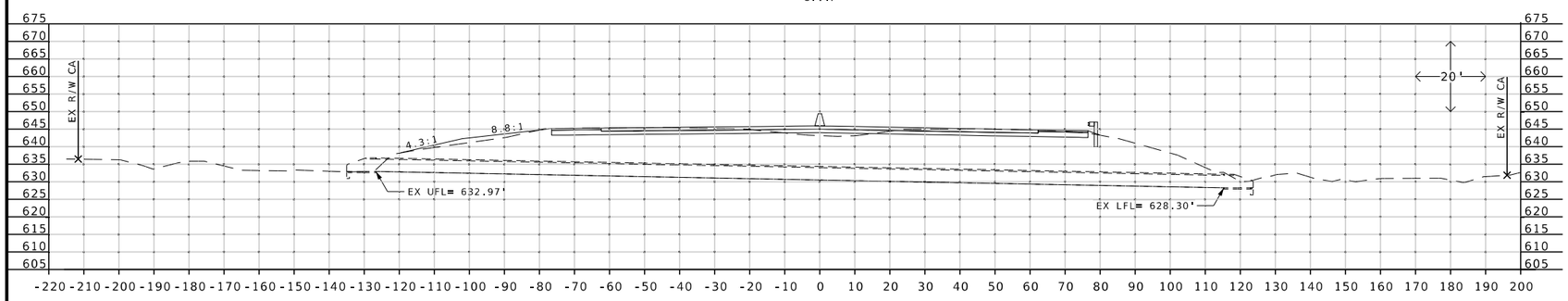

CULVERT E (STA 1011+06.82)

℄ I-70
STA 1010+76.10 84.33' LT TO
STA 1011+38.91 88.18' RT
184' x 10' x 9' RCB @ 0.21%
U.I.P.




CULVERT D (STA 1003+23.53)

℄ I-70
STA 1002+27.15 80.85' LT TO
STA 1004+22.10 82.71' RT
255' x 9' x 7' RCB @ 0.25%
U.I.P




CULVERT 11 (STA 988+57.74)

℄ I-70
STA 987+67.97 89.37' LT TO
STA 989+39.51 81.39' RT
242' x 42" RCP @ 1.93%
U.I.P

I-70 CULVERT SECTIONS
SHEET 5 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 330 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

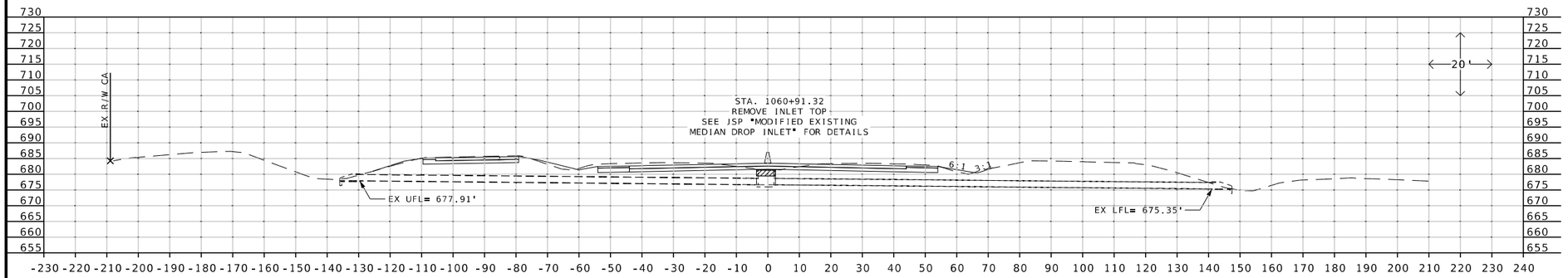
PROJECT NO.
-

BRIDGE NO.
-

| DESCRIPTION | DATE |
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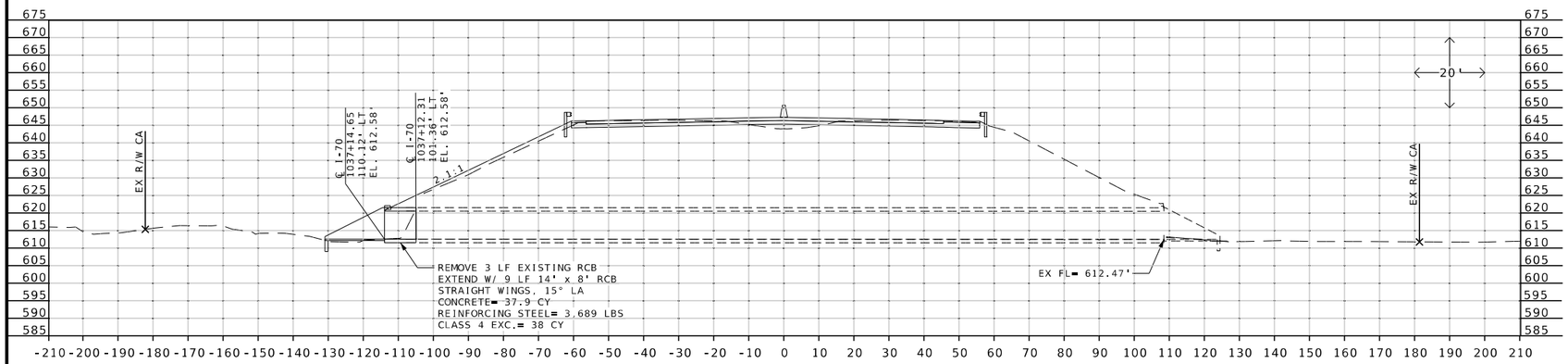
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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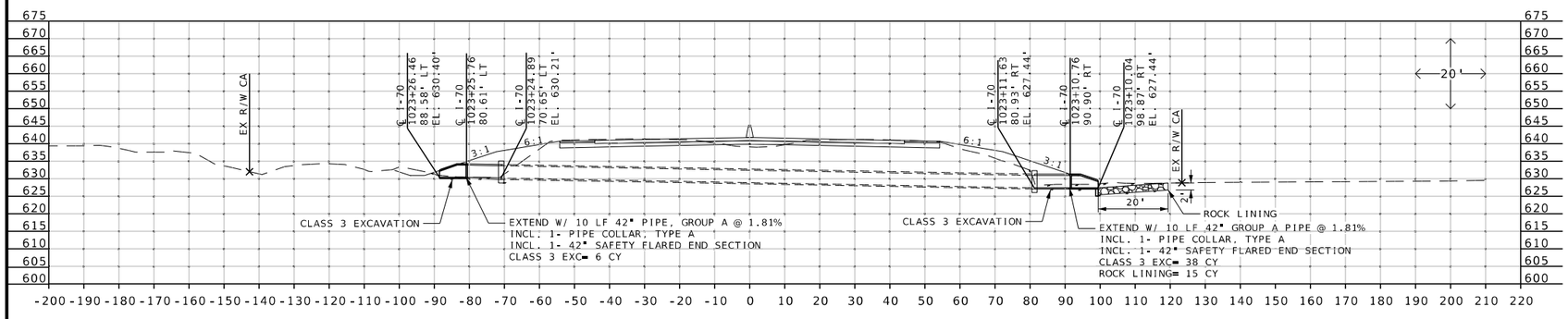

## CULVERT 13 (STA 1060+91.32)

℄ I-70
STA 1060+91.21 141.19' RT TO
STA 1060+91.44 133.83' LT
275' x 24" PIPE, GROUP A @ 0.93%
U.I.P.




## CULVERT F (STA 1036+85.25)

℄ I-70
STA 1036+57.27 104.78' RT TO
STA 1037+12.31 101.36' LT
217' x 14' x 8' RCB @ 0.05%




## CULVERT 12 (STA 1023+18.71)

℄ I-70
STA 1023+11.63 80.93' RT TO
STA 1023+24.89 70.65' LT
153' x 42" RCP @ 1.81%

I-70 CULVERT SECTIONS
SHEET 6 OF 15

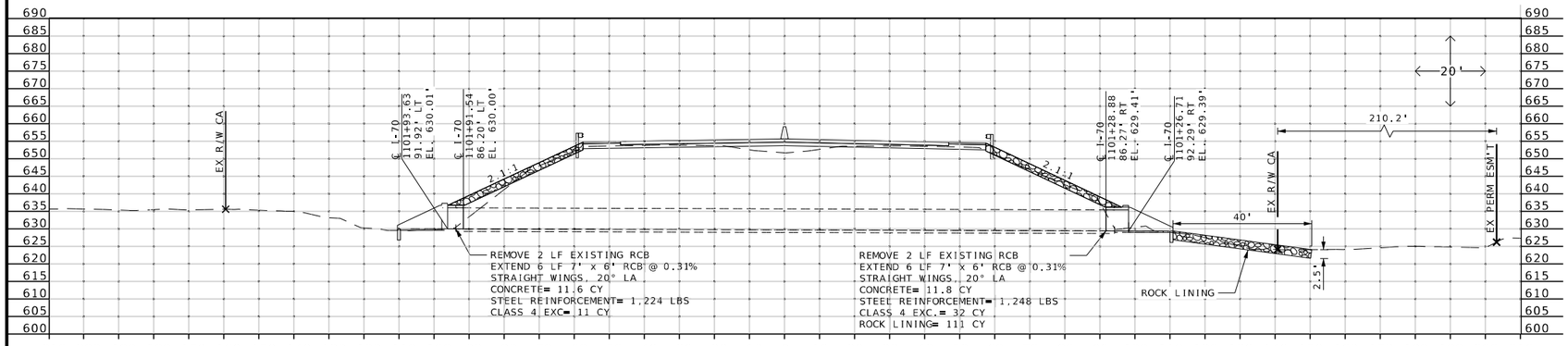

THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.
STATE OF MISSOURI — MICHAEL WAYNE DUSENBERG — NUMBER E-26546 — PROFESSIONAL ENGINEER


DATE PREPARED: 10/27/2025
ROUTE: I-70 | STATE: MO
DISTRICT: CD | SHEET NO.: 331
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.: -
PROJECT NO.: -
BRIDGE NO.: -

DESCRIPTION | DATE

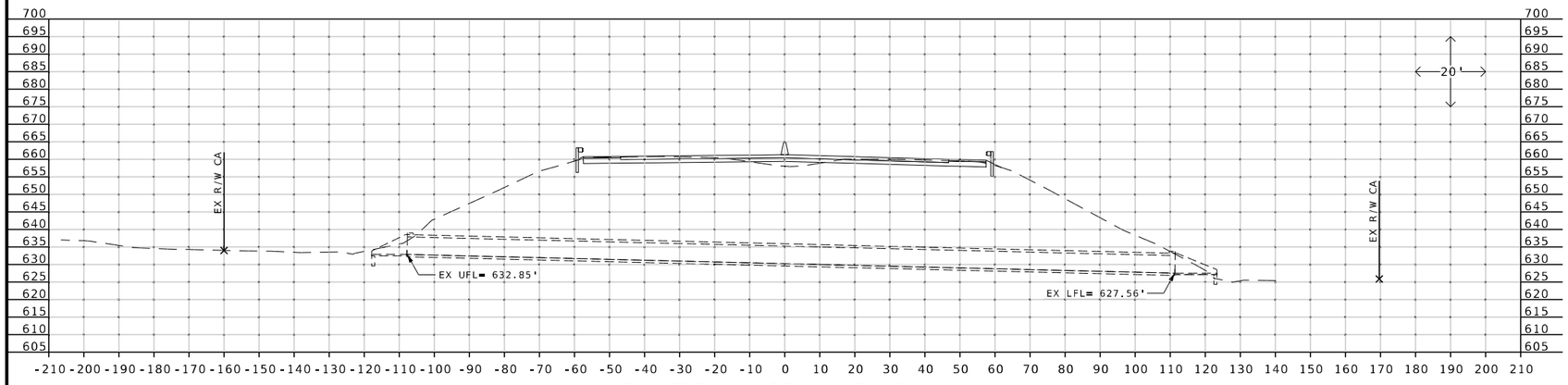

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 – JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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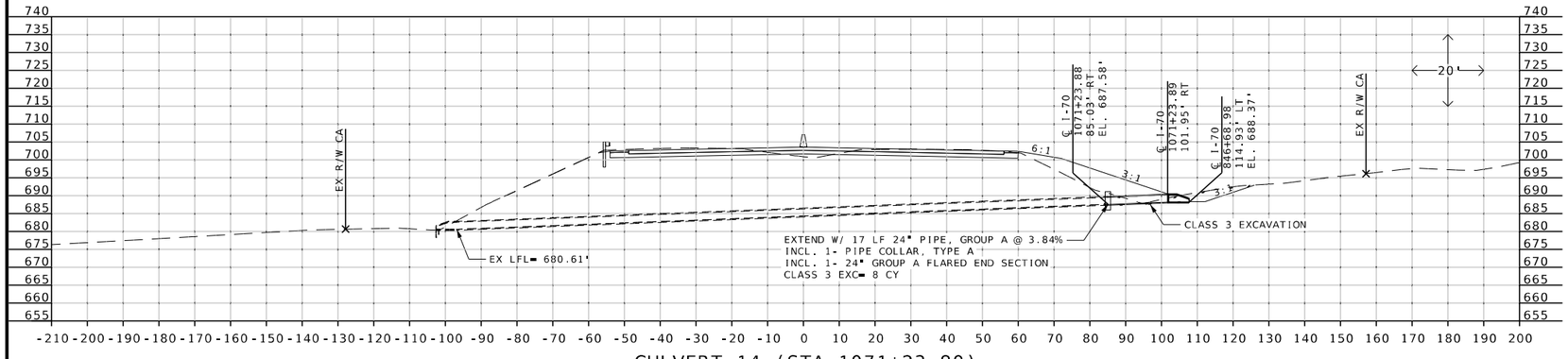

## CULVERT 16 (STA 1101+60.22)

℄ I-70
STA 1101+28.88 86.27' RT TO
STA 1101+91.54 86.20' LT
183' x 7' x 6' RCB @ 0.31%




## CULVERT 15 (STA 1095+42.42)

℄ I-70
STA 1095+05.52 101.25' LT TO
STA 1095+80.55 104.61' RT
219' x 6' x 5' RCB @ 2.42%
U.I.P.




## CULVERT 14 (STA 1071+23.80)

℄ I-70
STA 1071+23.74 96.83' LT TO
STA 1071+23.88 85.03' RT
182' x 24" RCP @ 3.84%

I-70 CULVERT SECTIONS
SHEET 7 OF 15

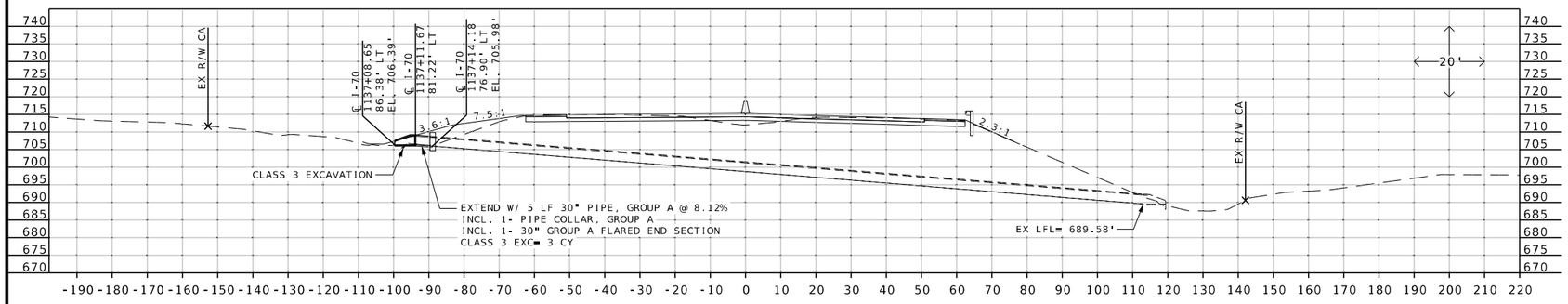

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.


| | |
|---|---|
| DATE PREPARED | 10/27/2025 |
| ROUTE | STATE |
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 332 |
| COUNTY | COOPER |
| JOB NO. | JST0017B |
| CONTRACT ID. | - |
| PROJECT NO. | - |
| BRIDGE NO. | - |

DESCRIPTION | DATE

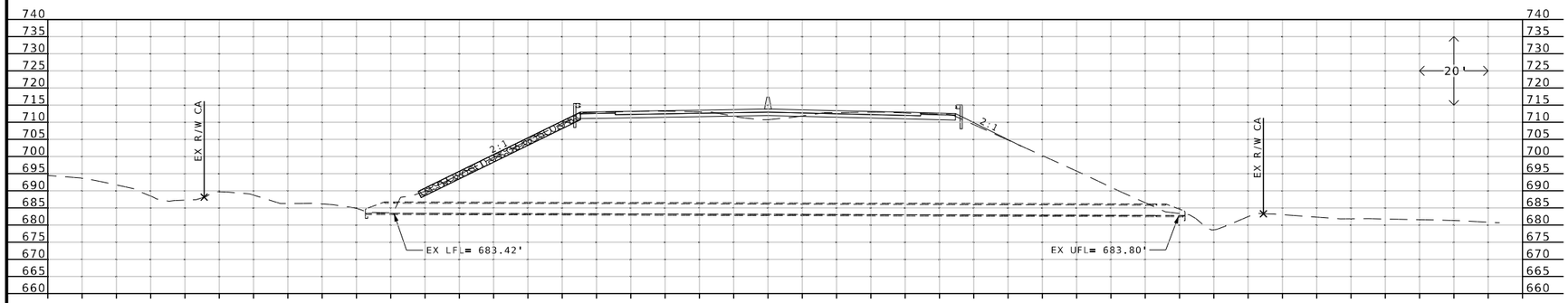

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



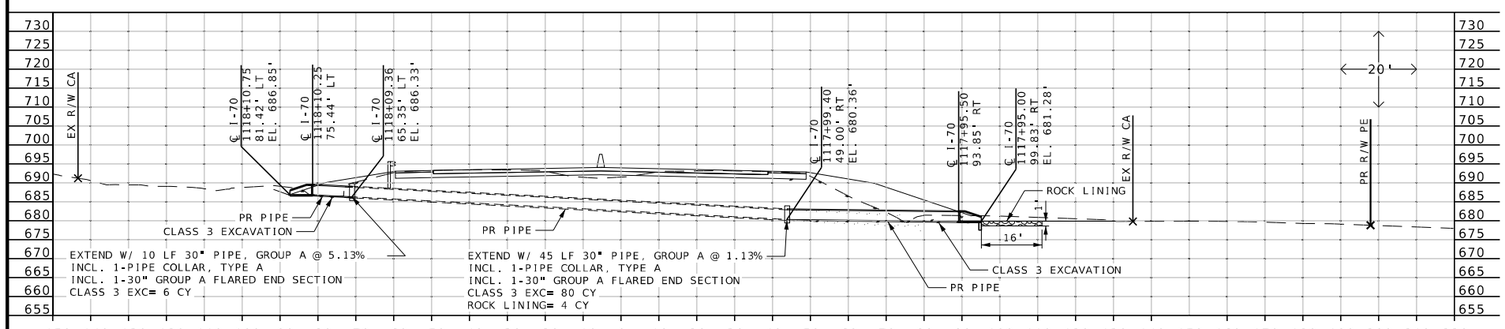

CULVERT 19 (STA 1137+58.75)

℄ I-70
STA 1137+14.18 76.90' LT TO
STA 1138+15.42 97.72' RT
202' x 30" RCP @ 8.12%




CULVERT 18 (STA 1125+95.41)

℄ I-70
STA 1125+75.24 125.70' RT TO
STA 1126+12.71 107.71' LT
237' x 36" RCP @ 0.16%
U.I.P.




CULVERT 17 (STA 1118+03.67)

℄ I-70
STA 1118+09.36 65.35' LT TO
STA 1117+99.40 49.00' RT
117' x 30" RCP @ 5.20%

I-70 CULVERT SECTIONS
SHEET 8 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 333 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

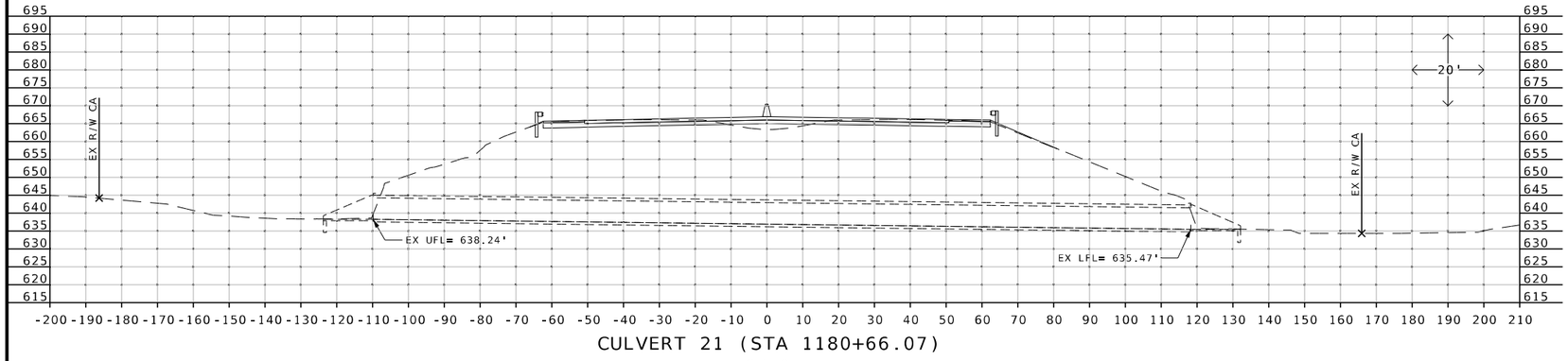
BRIDGE NO.
-

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

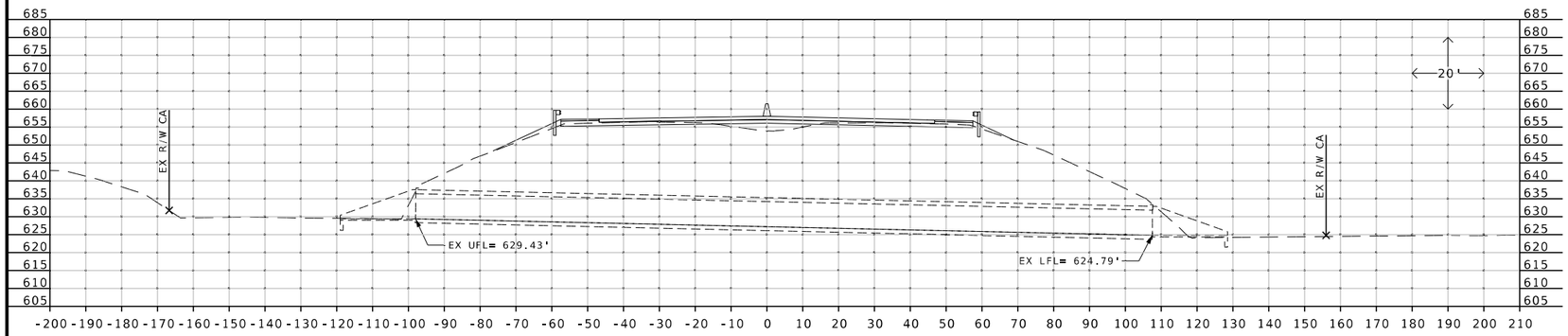
Bartlett & West
601 MONROE ST. SUITE 201 – JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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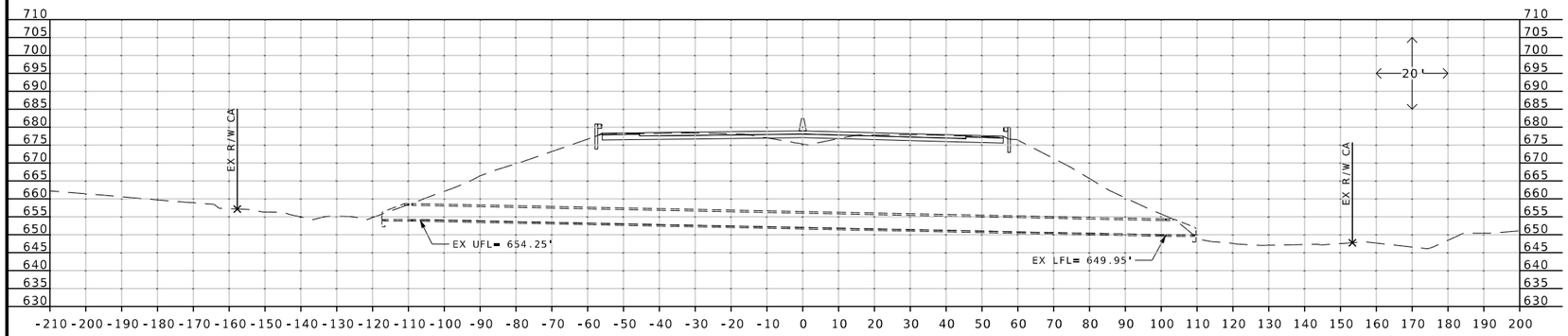

CULVERT 21 (STA 1180+66.07)

℄ I-70
STA 1180+11.17 95.04' LT TO
STA 1181+25.22 102.49' RT
228' x 7' x 6' RCB @ 1.21%
U.I.P.




CULVERT G (STA 1158+27.61)

℄ I-70
STA 1157+94.18 92.15' LT TO
STA 1158+64.32 101.07' RT
206' x 8' x 7' RCB @ 2.25%
U.I.P.




CULVERT 20 (STA 1149+98.08)

℄ I-70
STA 1149+70.45 103.11' LT TO
STA 1150+24.31 97.90' RT
208' x 48" RCP @ 2.07%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 9 OF 15


STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.


DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 334 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

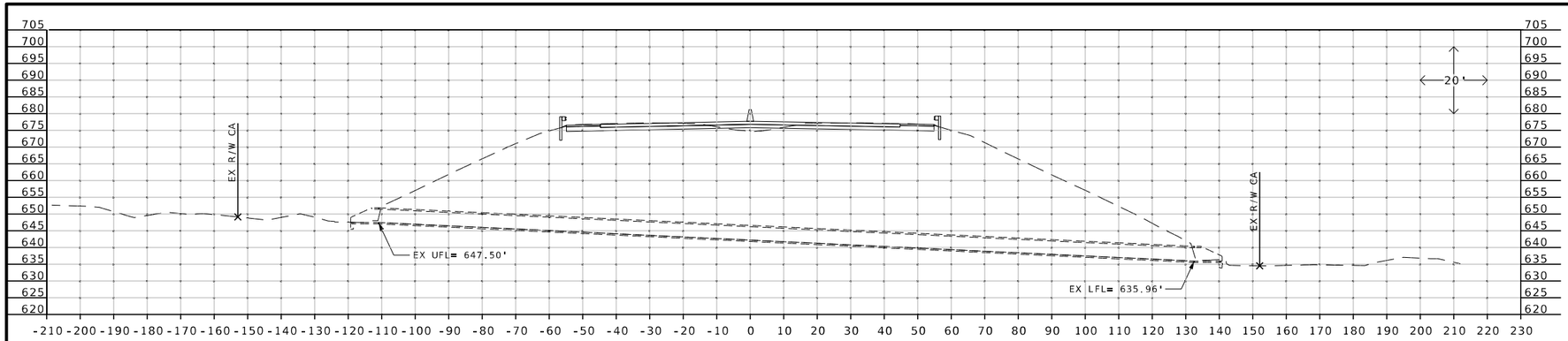
PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
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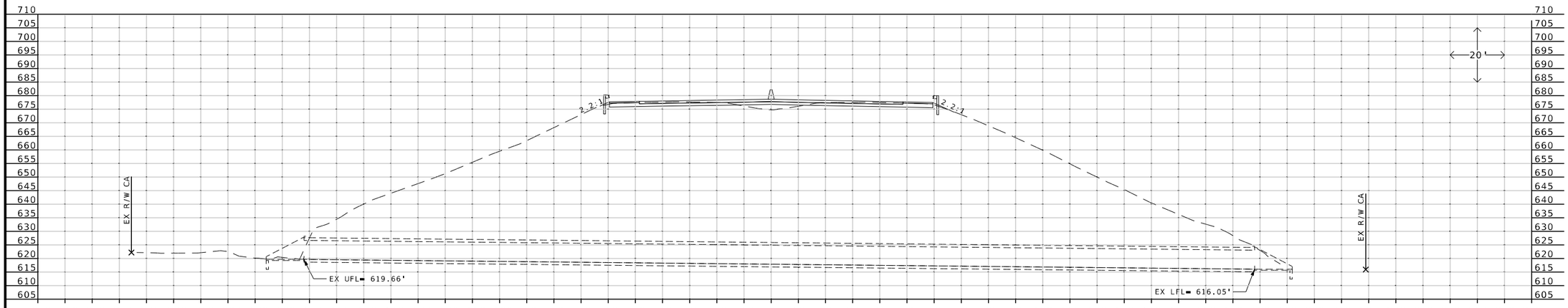

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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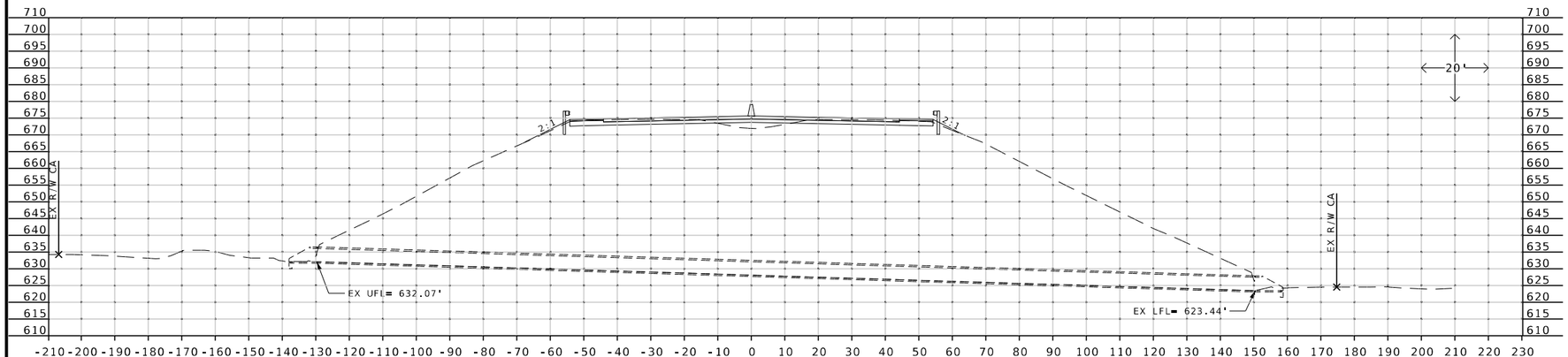

CULVERT 24 (STA 1224+79.99)

℄ I-70
STA 1224+56.15 130.38' RT TO
STA 1224+99.96 109.13' LT
244' x 48" RCP @ 4.73%
U.I.P.




CULVERT 23 (STA 1204+24.29)

℄ I-70
STA 1203+49.21 161.36' RT TO
STA 1204+96.88 155.96' LT
350' x 7' x 7' RCB @ 1.03%
U.I.P.




CULVERT 22 (STA 1198+14.36)

℄ I-70
STA 1198+03.03 129.20' LT TO
STA 1198+27.50 149.79' LT
280' x 48" RCP @ 3.08%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 10 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 335 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

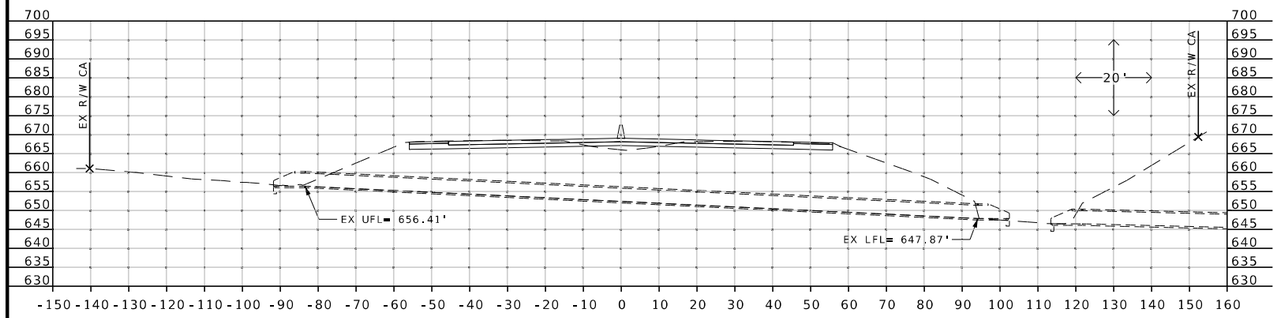
PROJECT NO.
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BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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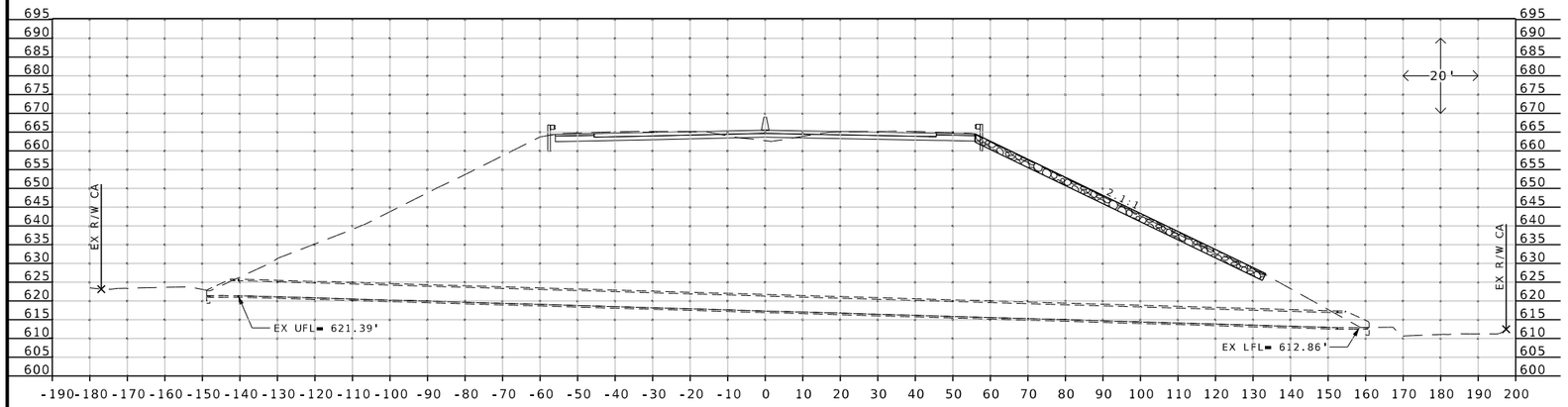
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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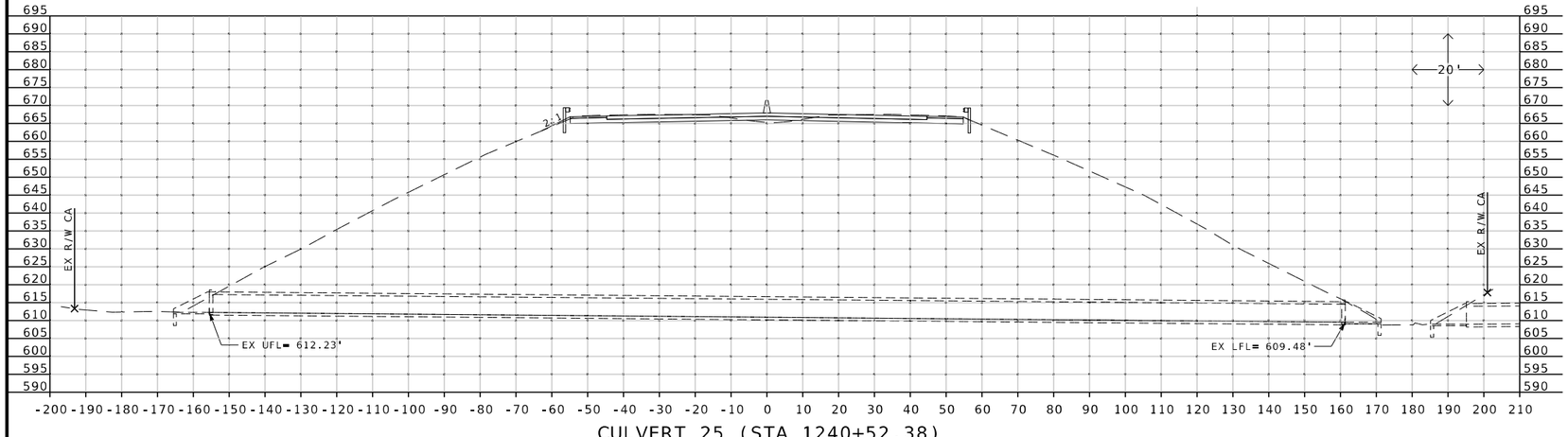

## CULVERT 27 (STA 1259+05.79)

℄ I-70
STA 1258+81.63 91.05' RT TO
STA 1259+27.22 80.60' LT
178' x 42" RCP @ 4.80%
U.I.P.




## CULVERT 26 (STA 1245+12.46)

℄ I-70
STA 1244+71.18 152.86' RT TO
STA 1245+49.12 135.62' LT
299' x 48" RCP @ 2.85%
U.I.P.




## CULVERT 25 (STA 1240+52.38)

℄ I-70
STA 1240+25.35 153.18' LT TO
STA 1240+80.44 158.92' RT
317' x 5' x 5' RCB @ 0.87%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 11 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 336 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

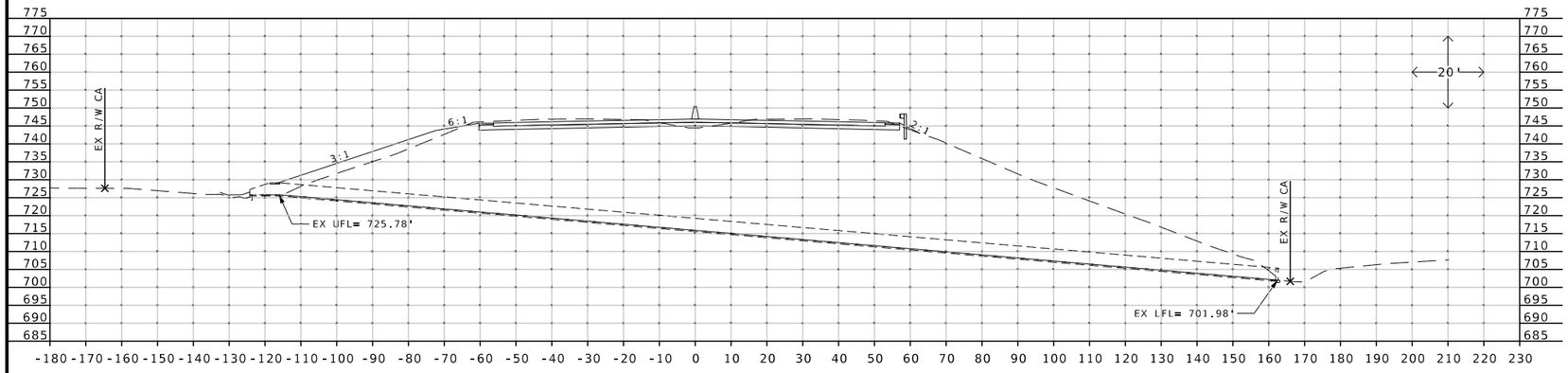
PROJECT NO.
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BRIDGE NO.
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| DESCRIPTION | DATE |
|---|---|
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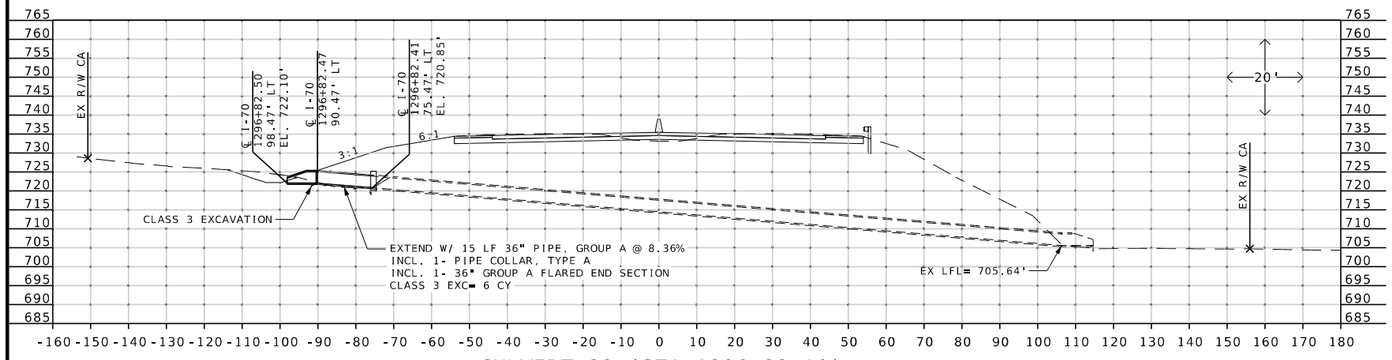
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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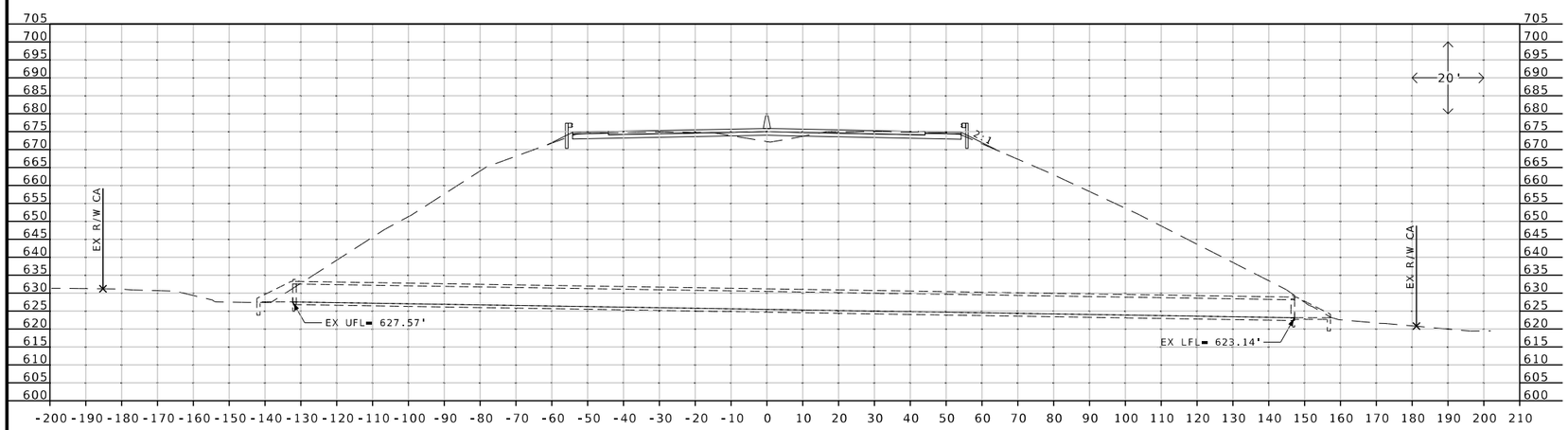

CULVERT 30 (STA 1307+81.31)

℄ I-70
STA 1307+64.74 162.49' RT TO
STA 1307+93.12 115.35' LT
280' x 36" RCP @ 8.50%
U.I.P.




CULVERT 29 (STA 1296+82.10)

℄ I-70
STA 1296+81.68 106.34' RT TO
STA 1296+82.41 75.47' LT
182' x 36" RCP @ 8.36%




CULVERT 28 (STA 1272+80.40)

℄ I-70
STA 1272+67.48 146.70' RT TO
STA 1272+92.55 137.27' LT
285' x 5' x 5' RCB @ 1.55%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 12 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 337 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

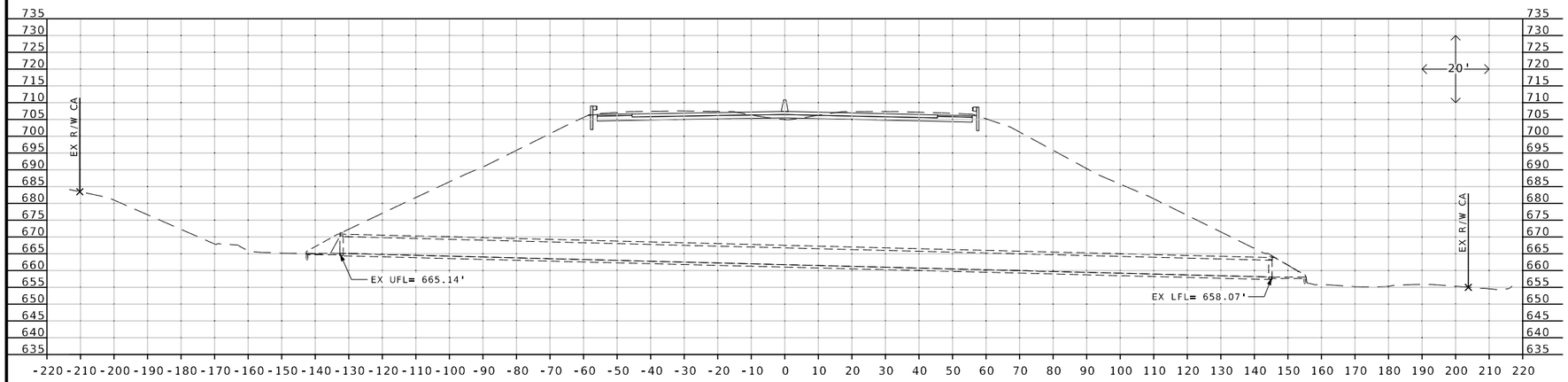
PROJECT NO.
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BRIDGE NO.
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| DATE | DESCRIPTION |
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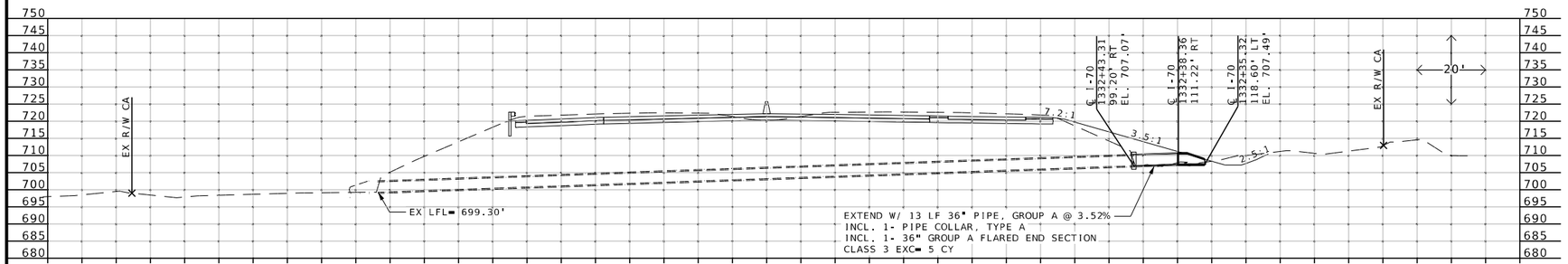
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



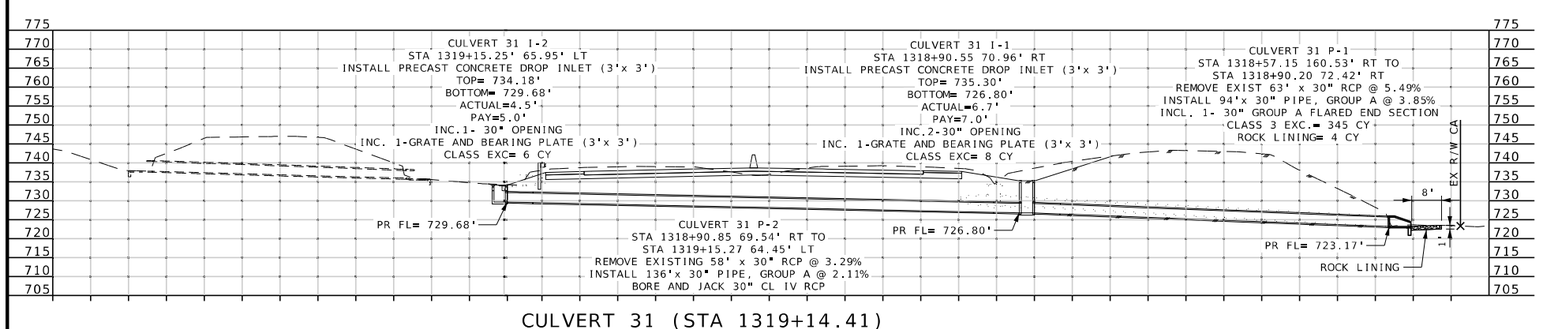

CULVERT 33 (STA 1345+34.79)

℄ I-70
STA 1345+00.61 128.26' LT TO
STA 1345+72.24 140.36' RT
278' x 5' x 5' RCB @ 2.54%
U.I.P.




CULVERT 32 (STA 1332+84.15)

℄ I-70
STA 1332+43.31 99.20' LT TO
STA 1333+27.37 104.91' RT
221' x 36" RCP @ 3.52%




CULVERT 31 (STA 1319+14.41)

I-70 CULVERT SECTIONS
SHEET 13 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 338 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

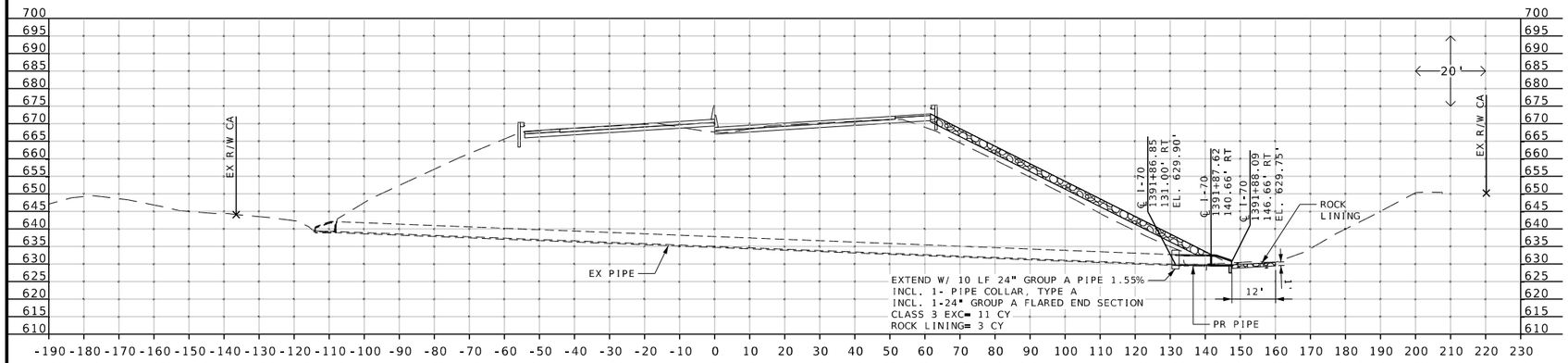
BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

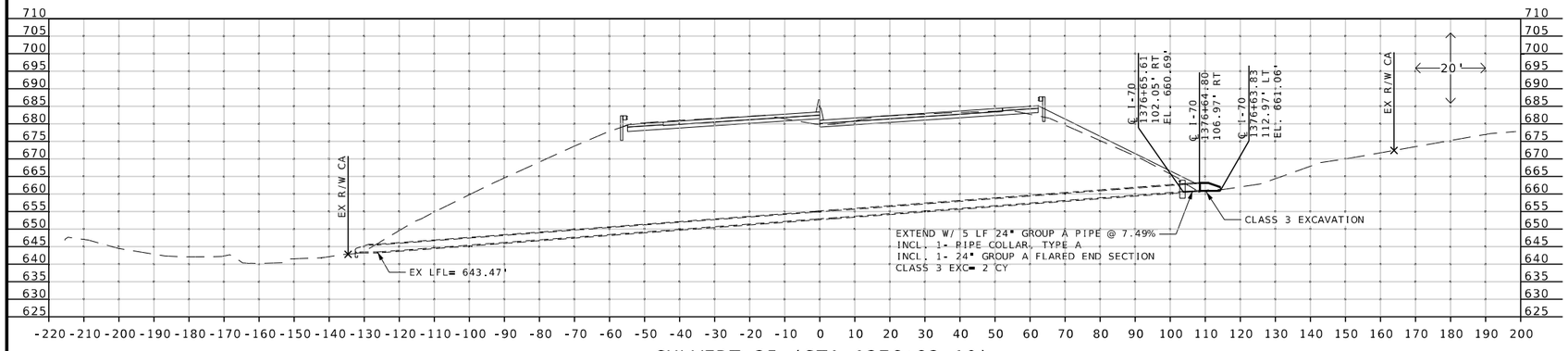
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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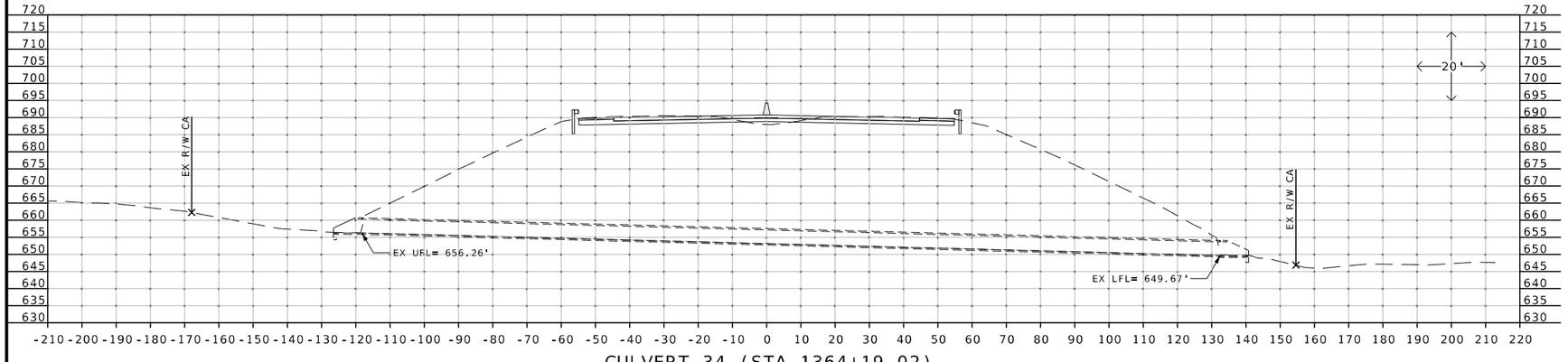

CULVERT 36 (STA 1391+75.98)

℄ I-70
STA 1391+66.30 107.86' LT TO
STA 1391+87.03 133.44' RT
243' x 24" @ 3.92%




CULVERT 35 (STA 1376+83.10)

℄ I-70
STA 1376+65.38 103.07' RT TO
STA 1377+06.19 124.18' LT
230' x 24" RCP @ 7.49%




CULVERT 34 (STA 1364+19.02)

℄ I-70
STA 1363+98.85 116.44' LT TO
STA 1364+41.86 130.51' RT
251' x 48" RCP @ 2.63%
U.I.P.

I-70 CULVERT SECTIONS
SHEET 14 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 339 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

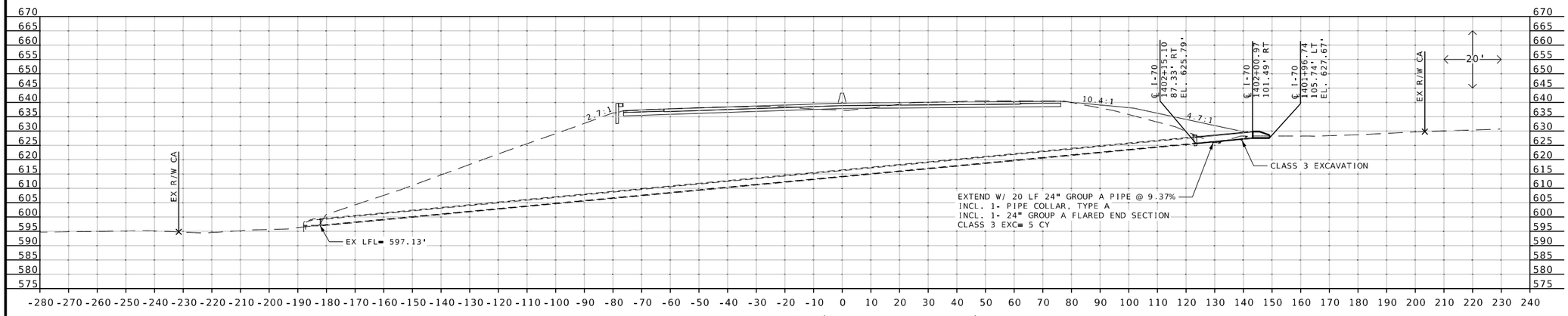
PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3101
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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## CULVERT 37 (STA 1403+02.19)

℄ I-70
STA 1402+15.10 87.33' RT TO
STA 1404+30.85 129.01' LT
306' x 24" RCP @ 9.37%

I-70 CULVERT SECTIONS
SHEET 15 OF 15

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 340 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

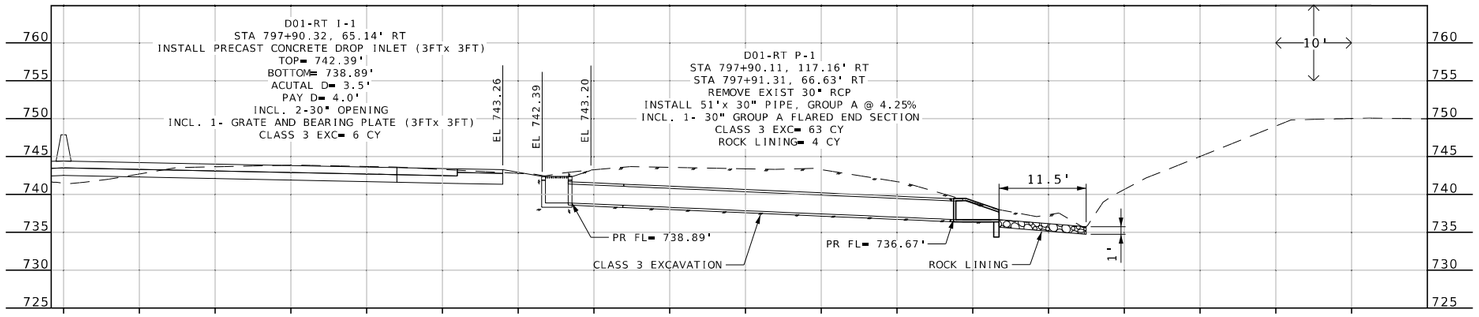
PROJECT NO.
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BRIDGE NO.
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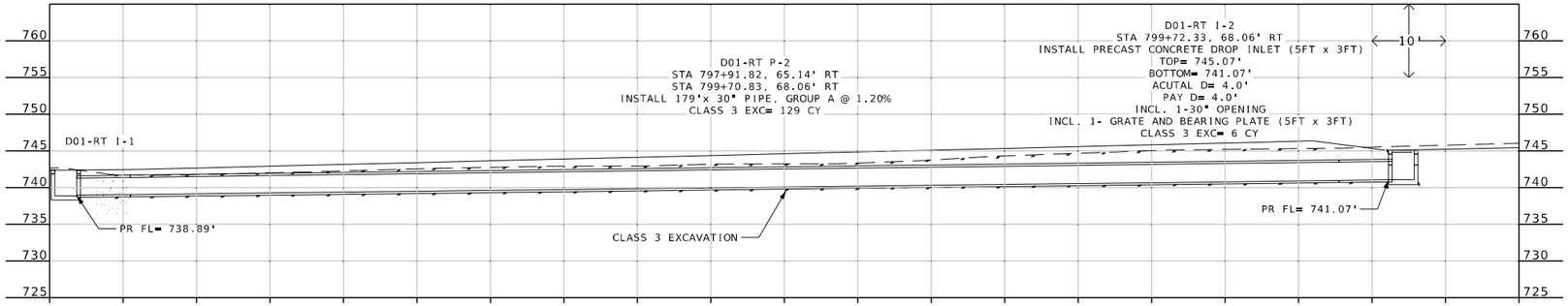
| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

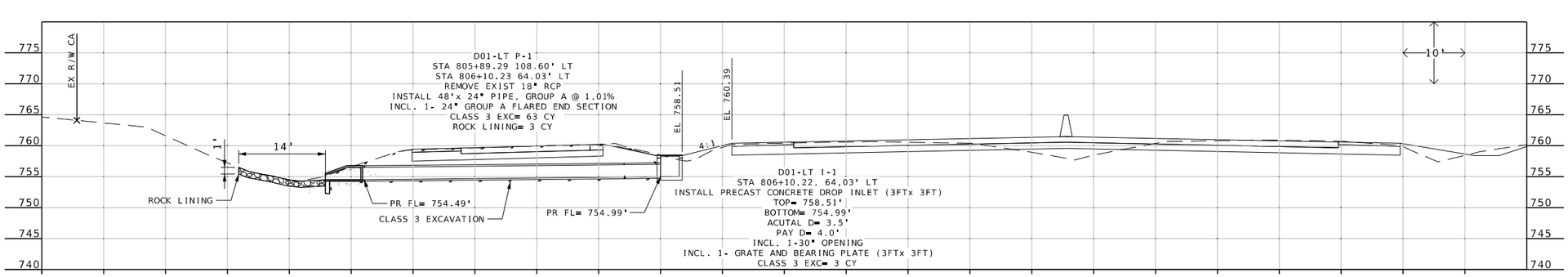
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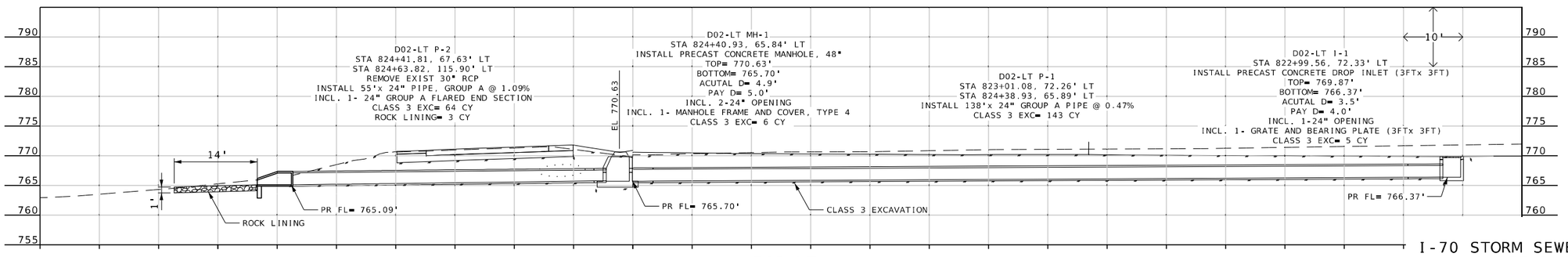

D01-RT




D01-RT




D01-LT




D02-LT

I-70 STORM SEWER SYSTEM
SHEET 1 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 341 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

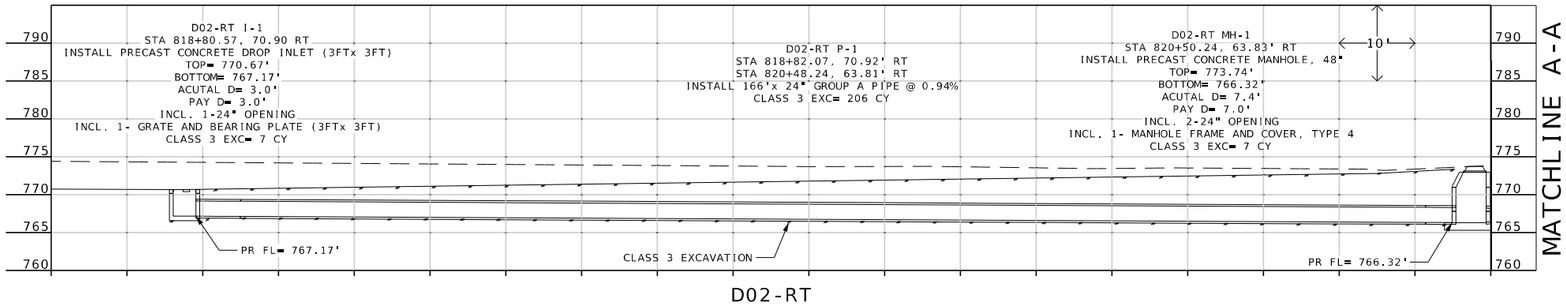
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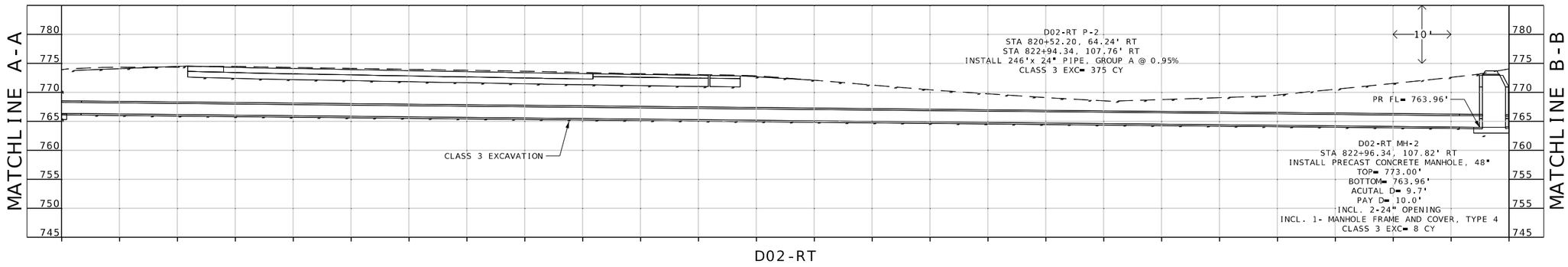
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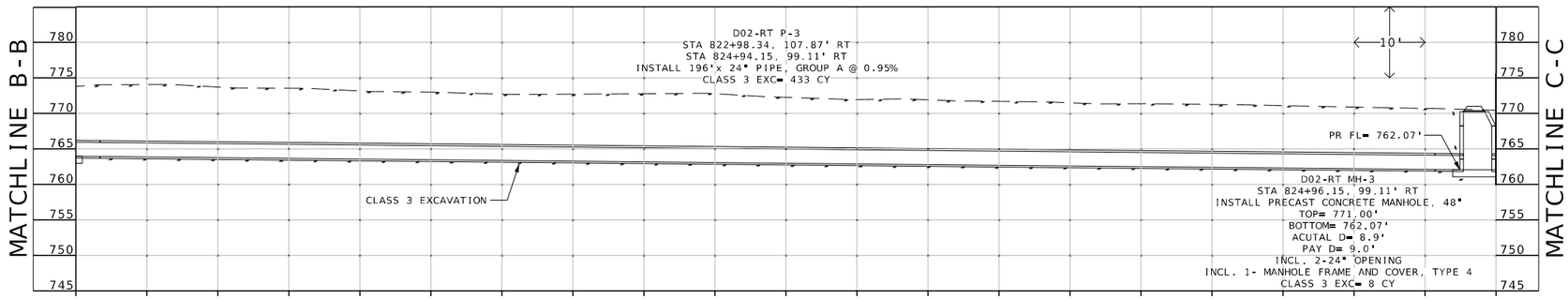
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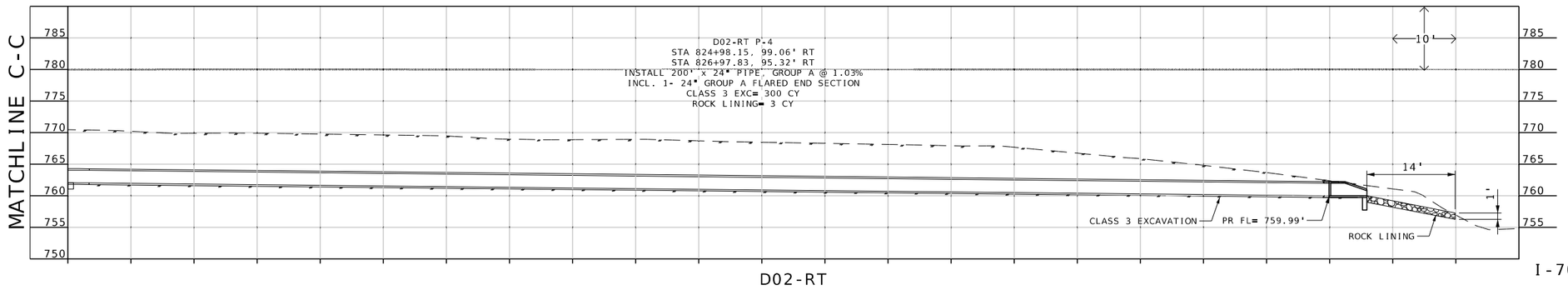
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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I-70 STORM SEWER SYSTEM
SHEET 2 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 342 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

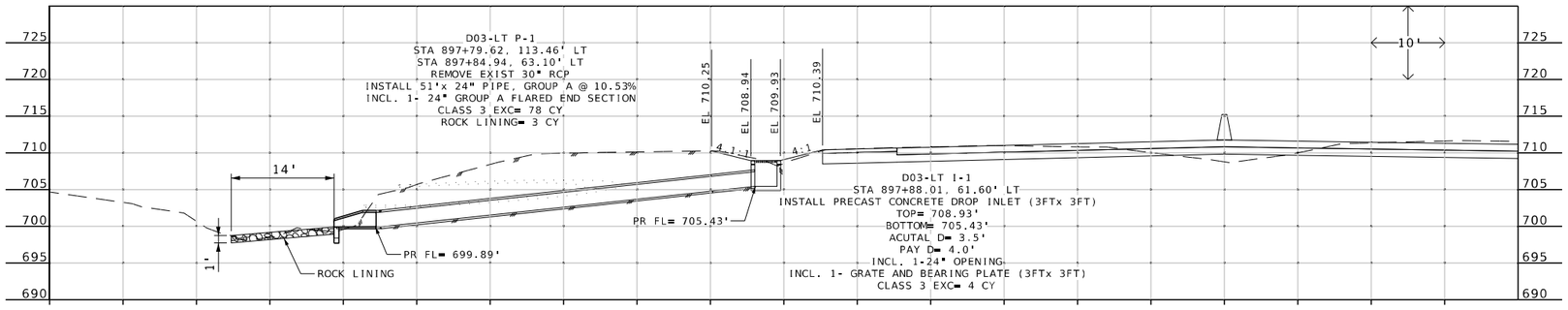
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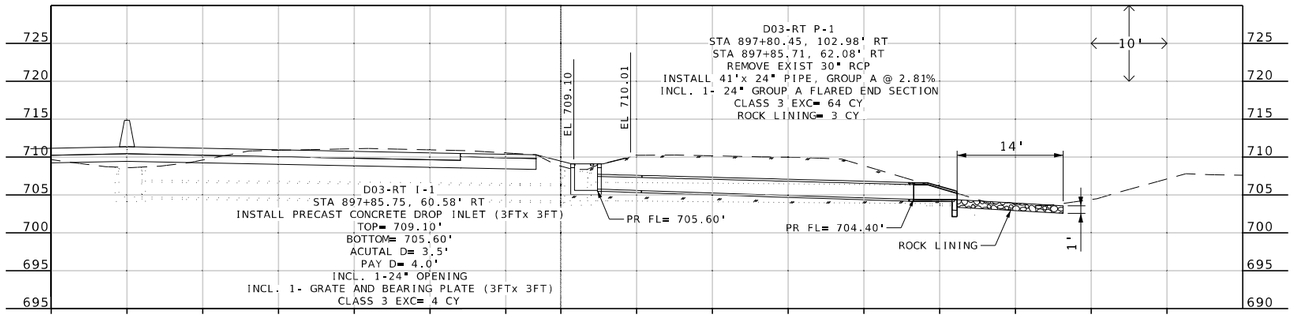
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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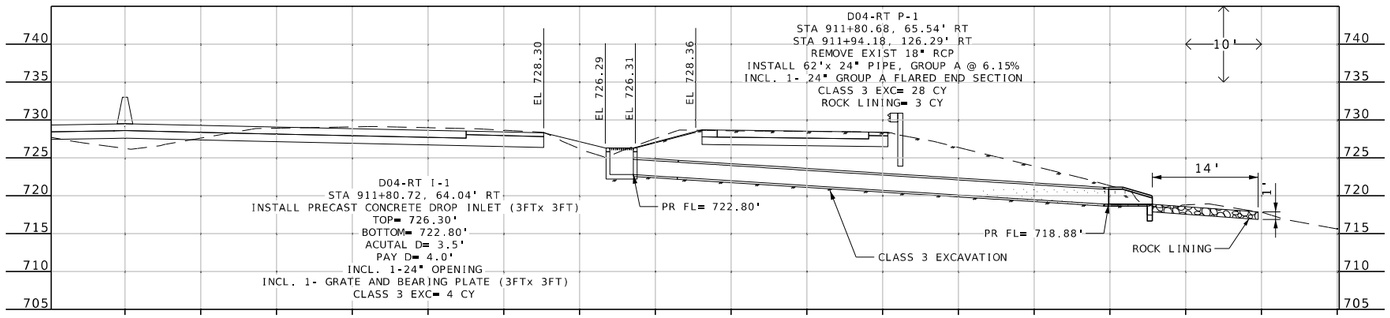
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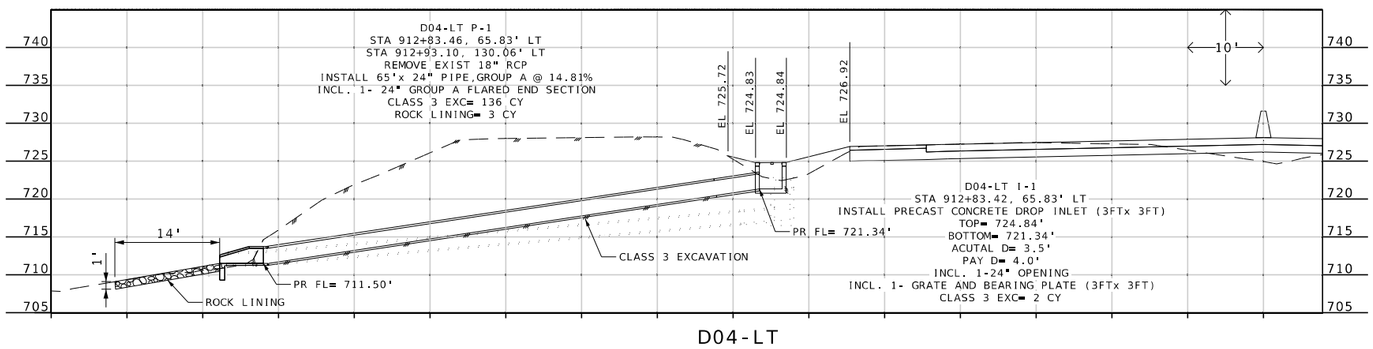

D03-LT




D03-RT




D04-RT




D04-LT

I-70 STORM SEWER SYSTEM
SHEET 3 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 343 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

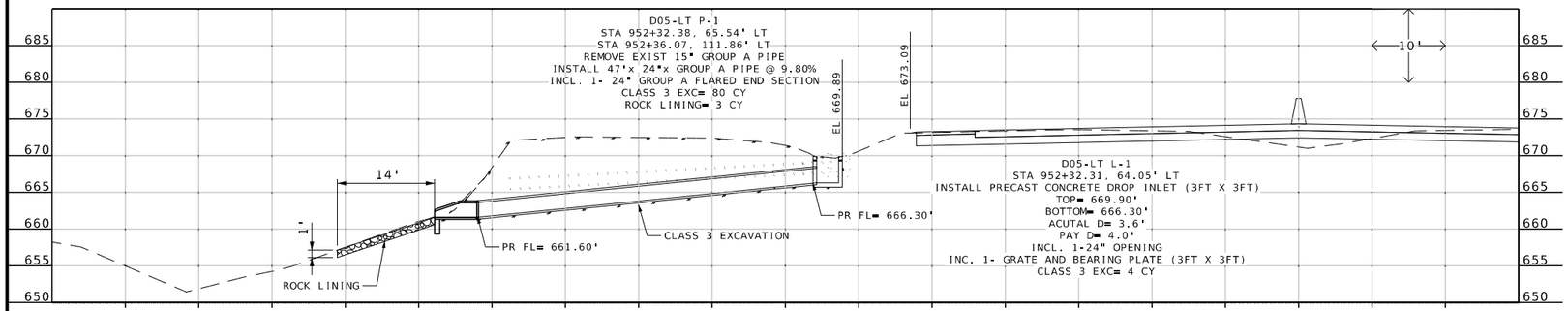
PROJECT NO.
-

BRIDGE NO.
-

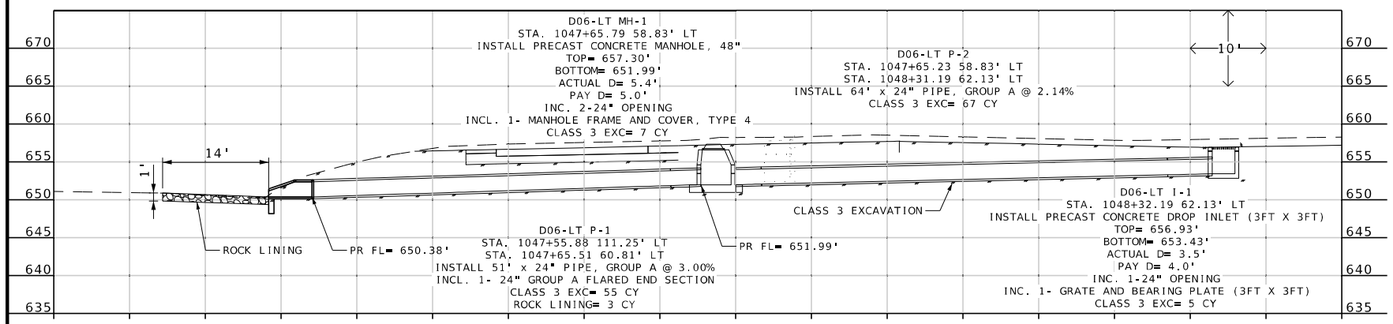
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

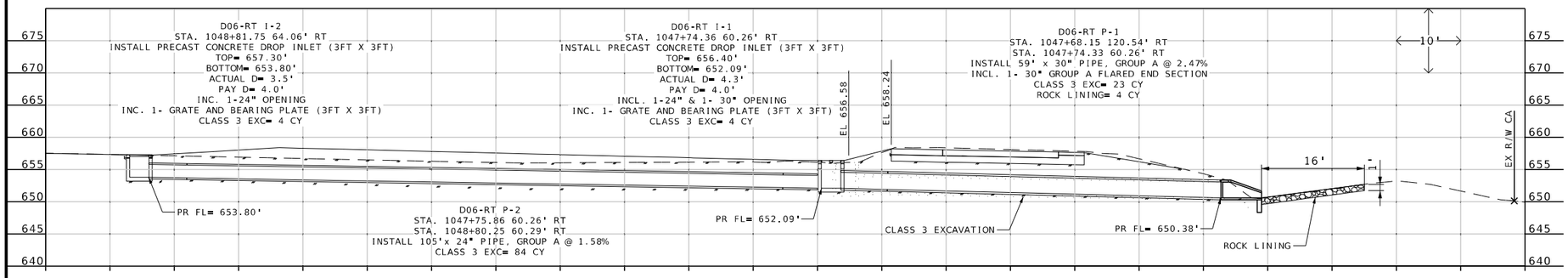
Bartlett&West
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PHONE 573-634-3181
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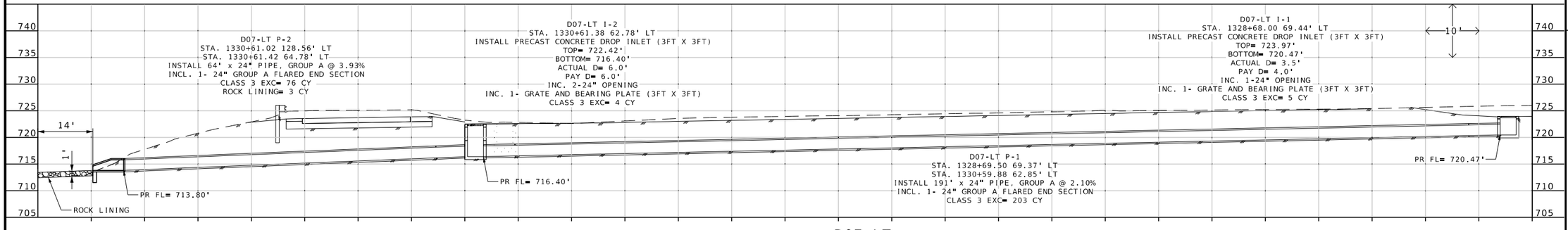

D05-LT




D06-LT




D06-RT




D07-LT

I-70 STORM SEWER SYSTEM
SHEET 4 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
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DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 344 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

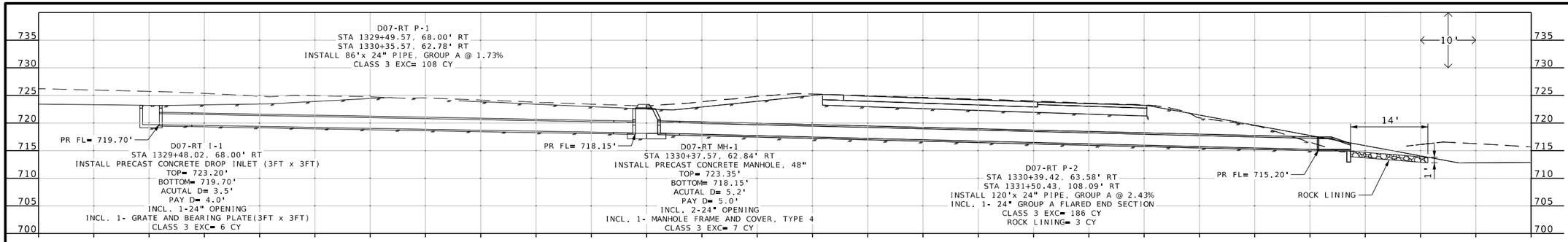
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BRIDGE NO.
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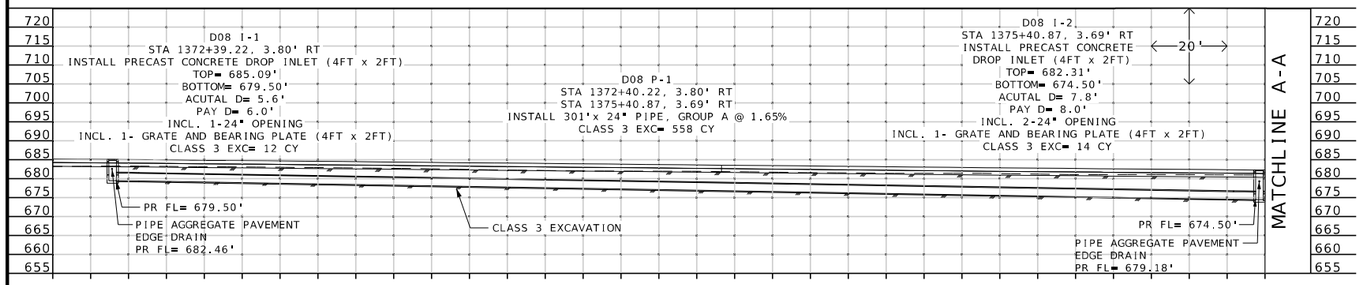
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

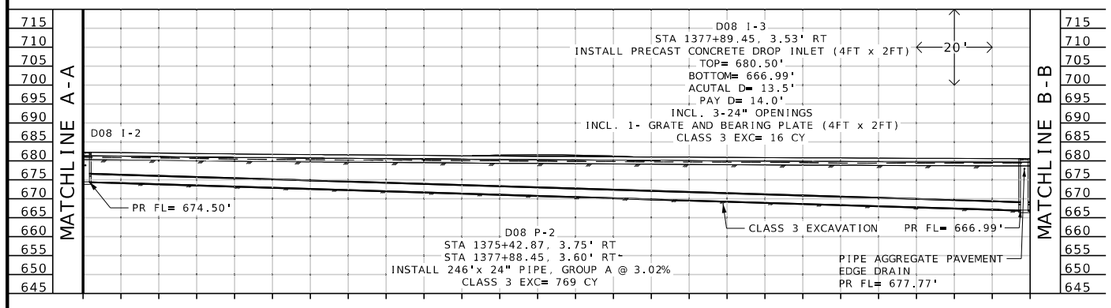
Bartlett & West
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PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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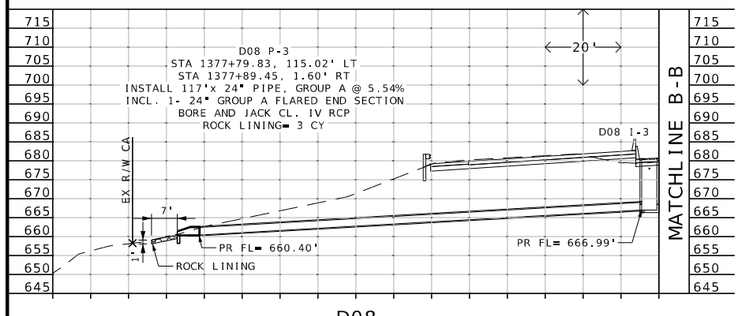

D07-RT



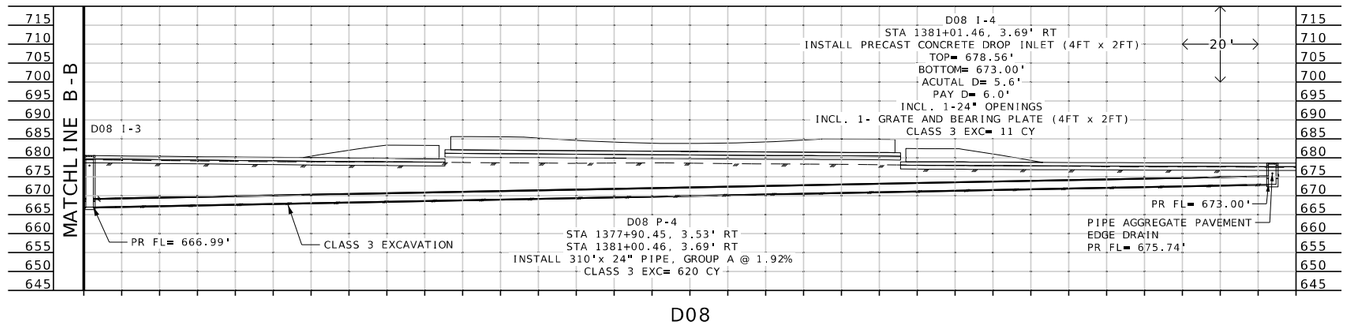

D08




D08




D08




D08

I-70 STORM SEWER SYSTEM
SHEET 5 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 345 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

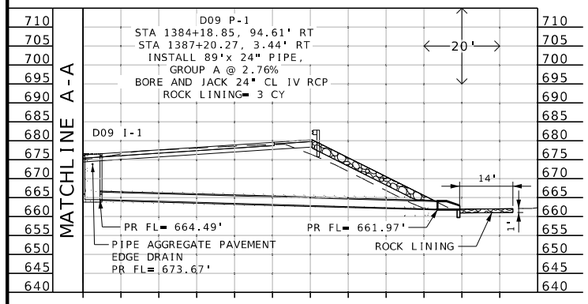
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BRIDGE NO.
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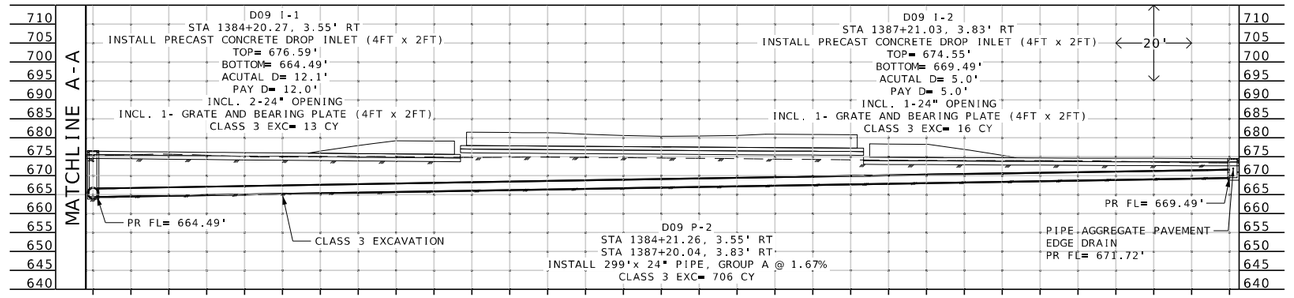
| DATE | DESCRIPTION |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

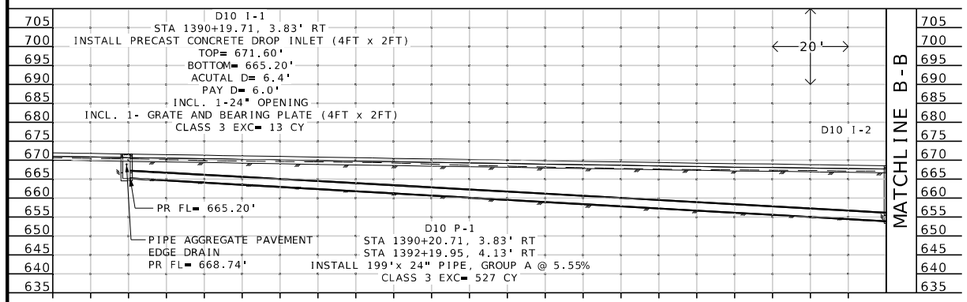
Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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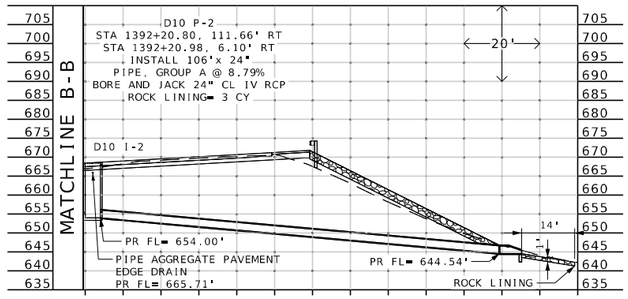

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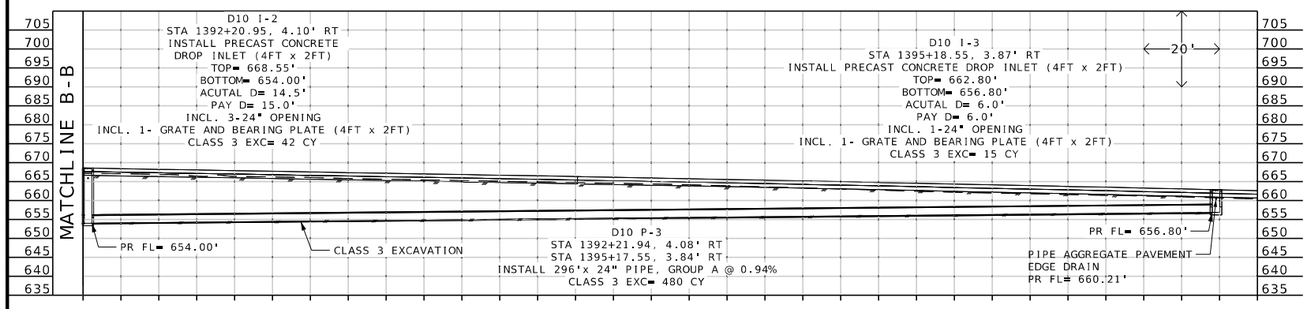

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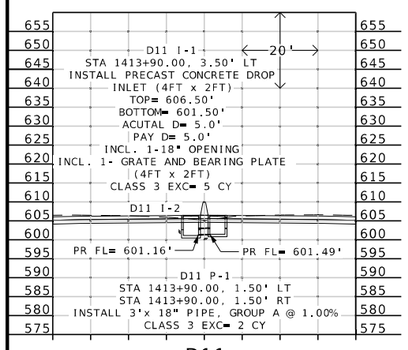

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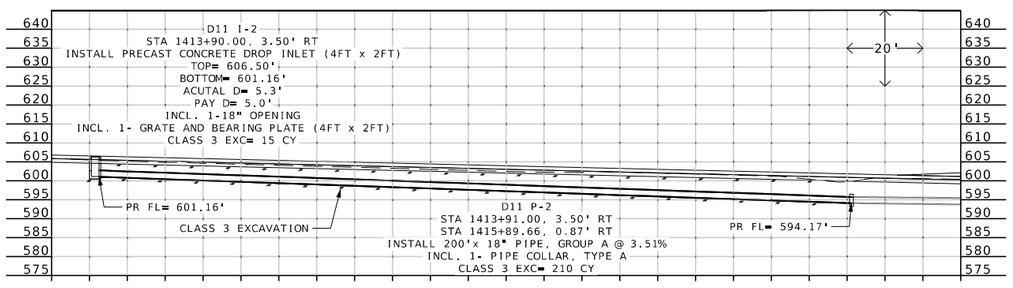

D10




D10




D11




D11

I-70 STORM SEWER SYSTEM
SHEET 6 OF 6

STATE OF MISSOURI
MICHAEL WAYNE DUSENBERG
NUMBER E-26546
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| CD | 346 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

| DATE | DESCRIPTION |
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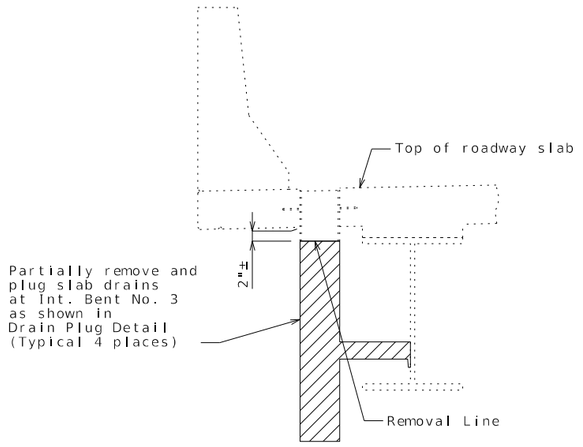
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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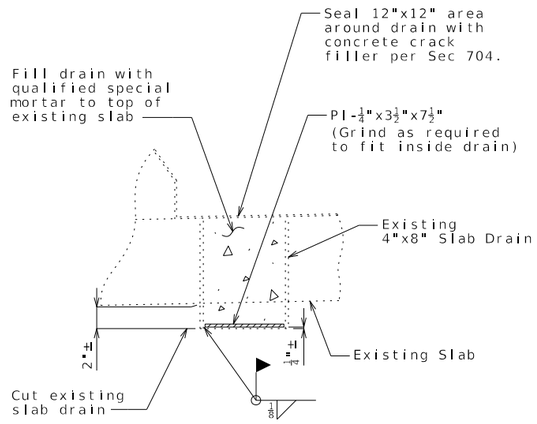
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SEC/SUR 7 TWP 48N RGE 15W

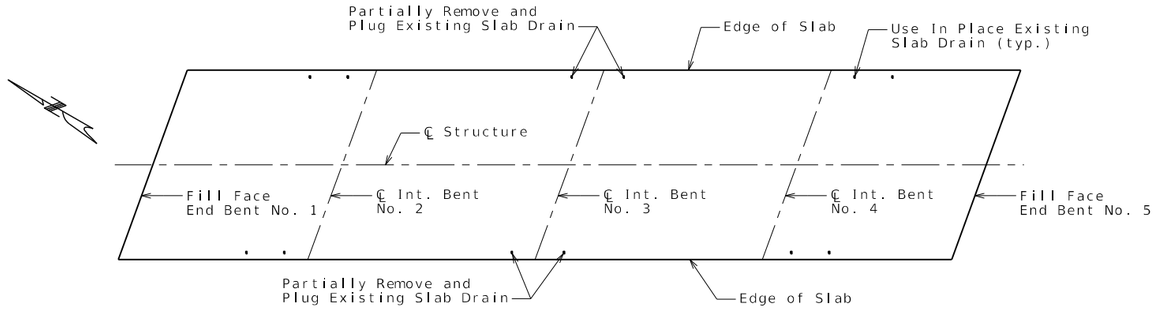
# U.I.P. AND REHABILITATE EXISTING (48'-60'-60'-48') COMPOSITE WIDE FLANGE BEAM SPANS (SKEW: 21°28' LA)




PART SECTION NEAR DRAIN NEAR INT. BENT NO. 3




DRAIN PLUG DETAIL




PLAN OF SLAB SHOWING SLAB DRAIN LOCATIONS

## General Notes:

**Design Specifications:**

2002 AASHTO LFD (17th Ed.) Standard Specifications

**Design Loading:**

H-15-44 (1953 Existing) & HS20-44 (Existing)
Future Wearing Surface = 15 lb/sf

**Miscellaneous:**

Dimensions are based on the original design plans.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

After slab drains are cut and closure plates have been welded in place, any exposed, uncoated or damaged surfaces of the drains and closure plates shall be field-coated with aluminum epoxy-mastic primer.

For measurement and payment of work, see Special Provisions.

**Traffic Handling:**

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

| Estimated Quantities | | |
|---|---|---|
| Item | Units | Total |
| Partial Removal of Existing Slab Drain | Each | 4 |
| | | |
| | | |
| | | |
| | | |

Detailed: June 2025
Checked: June 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 1

## REPAIRS TO BRIDGE: ROUTE 179 OVER ROUTE I-70

ROUTE 179 FROM ROUTE 98 TO ROUTE V
ABOUT 0.1 MILE SOUTH OF ROUTE 98
BEGINNING STATION 4+95.22± (MATCH EXISTING)

STATE OF MISSOURI
ADAM SMITH NUMBER
PE-2025028642
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
10/27/2025

| ROUTE | STATE |
|---|---|
| 179 | MO |
| DISTRICT | SHEET NO. |
| BR | 1 |

COUNTY
COOPER

JOB NO.
JST0017B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A00082

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BURNS McDONNELL
9400 Ward Parkway
Kansas City, MO 64114
(816) 333-9400
Certificate of Authority No.: 000165

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SEC/SUR 4 TWP 48N RGE 15W

# U.I.P., WIDEN AND REHABILITATE EXISTING (47'-56'-47') CONTINUOUS COMPOSITE WIDE FLANGE BEAM SPANS

SKEW: 04°16'00" R.A.

℄ WB & EB I-70 (Exist.)
PI Sta. 1407+94.77
PG Elev. 624.49

Sta. 1408+13.95±
Match Existing Grade ±
@ End of Slab
@ ℄ Roadway

Type D Barrier (Typ.)

Sta. 1409+67.70
Match Existing Grade ±
@ End of Slab
@ ℄ Roadway

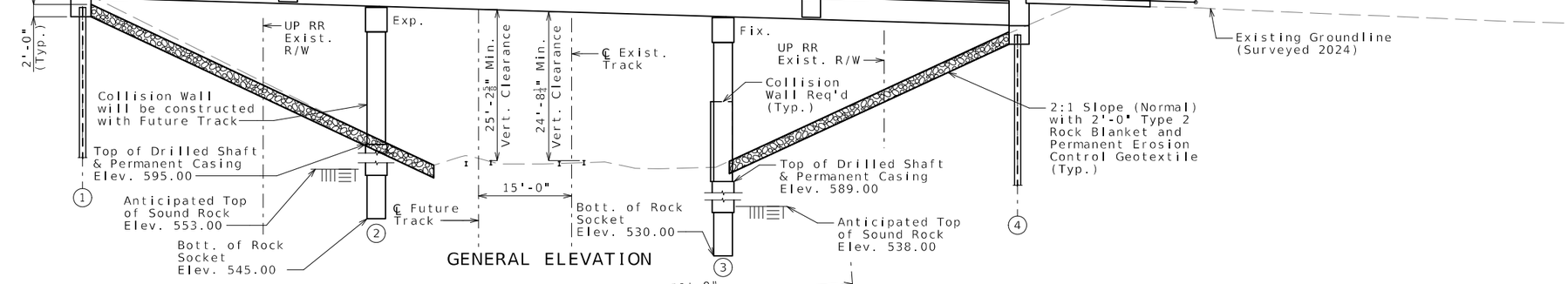
℄ WB & EB I-70 (Exist.)
PI Sta. 1409+94.77
PG Elev. 618.30

Existing Groundline (Surveyed 2024)

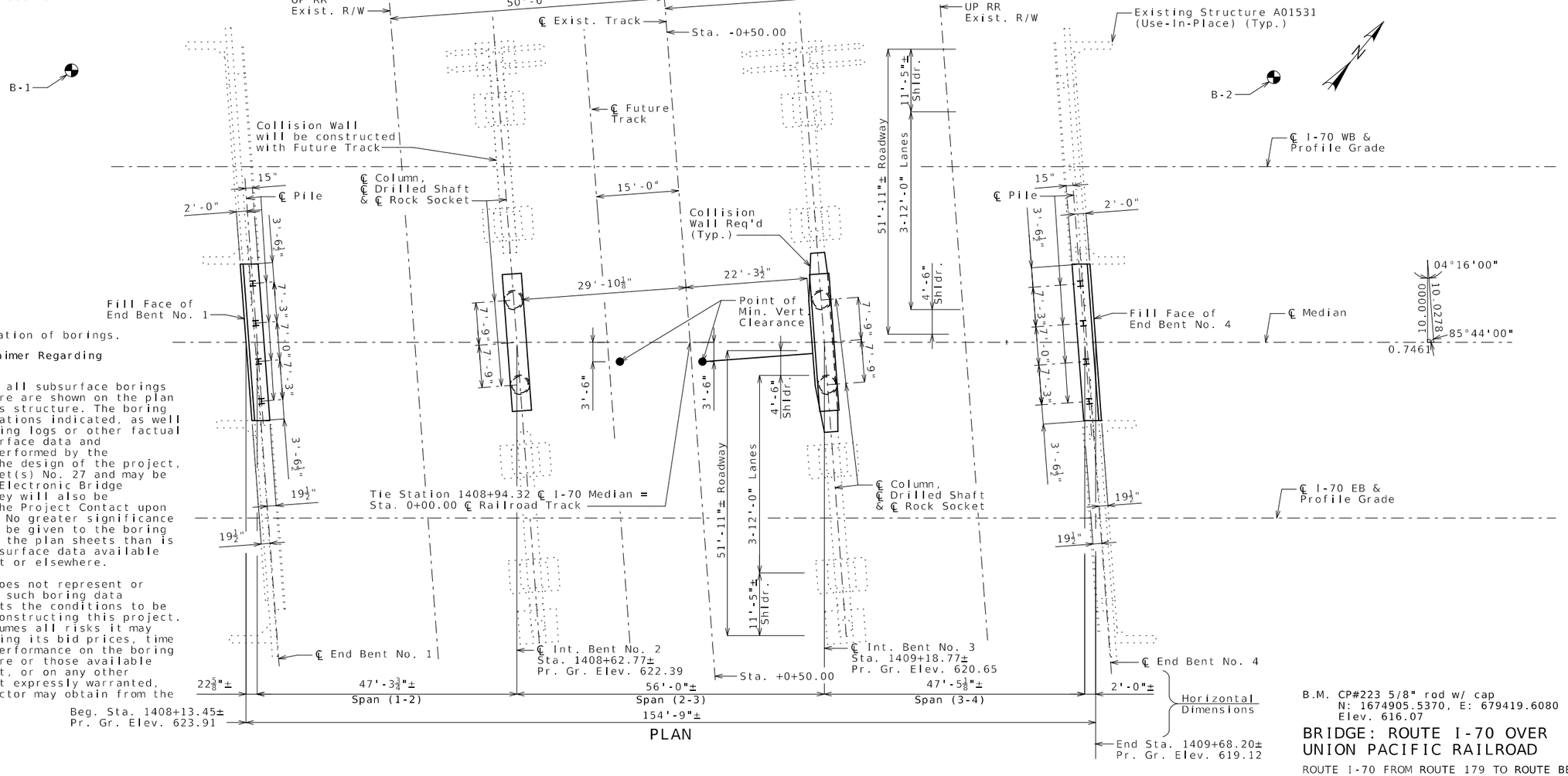
Note: For General Notes, Estimated Quantities, Foundation Data and Location Sketch, see Sheet No. 2.

For U.P.R.R. notes, see Sheet No. 3.

Roadway fill shall be completed to the final roadway section and up to the elevation of the bottom of the concrete beam within the limits of the structure and for not less than 25 feet in back of the fill face of the end bents before any piles are driven for any bents falling within the embankment section.




GENERAL ELEVATION




PLAN

B-1 Indicates location of borings.

**Notice and Disclaimer Regarding Boring Log Data**

The locations of all subsurface borings for this structure are shown on the plan sheet(s) for this structure. The boring data for all locations indicated, as well as any other boring logs or other factual records of subsurface data and investigations performed by the department for the design of the project, are shown on Sheet(s) No. 27 and may be included in the Electronic Bridge Deliverables. They will also be available from the Project Contact upon written request. No greater significance or weight should be given to the boring data depicted on the plan sheets than is given to the subsurface data available from the district or elsewhere.

The Commission does not represent or warrant that any such boring data accurately depicts the conditions to be encountered in constructing this project. A contractor assumes all risks it may encounter in basing its bid prices, time or schedule of performance on the boring data depicted here or those available from the district, or on any other documentation not expressly warranted, which the contractor may obtain from the Commission.

B.M. CP#223 5/8" rod w/ cap
N: 1674905.5370, E: 679419.6080
Elev. 616.07

## BRIDGE: ROUTE I-70 OVER UNION PACIFIC RAILROAD

ROUTE I-70 FROM ROUTE 179 TO ROUTE BB
ABOUT 1.6 MILES EAST OF ROUTE 179
BEGIN STATION 1408+13.45±

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM

## Estimated Quantities

| | Item | | Substr. | Superstr. | Total |
|---|---|---|---|---|---|
| | Class 1 Excavation | cu. yard | 40 | | 40 |
| | Partial Removal of Existing Bridge Deck | sq. foot | 768 | | 768 |
| | Curb Removal | linear foot | | 337 | 337 |
| | Bridge Approach Slab (Major) | sq. yard | | | 479 |
| | Epoxy Urethane Polymer Wearing Surface with Healer/Sealer | sq. yard | | | 2321 |
| * | Drilled Shaft (3 ft. 6 in. Dia.) | linear foot | 186 | | 186 |
| * | Rock Sockets (3 ft. 0 in. Dia.) | linear foot | 32 | | 32 |
| | Video Camera Inspection | each | 4 | | 4 |
| | Foundation Inspection Holes | linear foot | 72 | | 72 |
| | Sonic Logging Testing | each | 4 | | 4 |
| | Galvanized Structural Steel Piles (12 in.) | linear foot | 424 | | 424 |
| | Pile Point Reinforcement | each | 8 | | 8 |
| | Class B Concrete (Substructure) | cu. yard | 117.4 | | 117.4 |
| | Slab on Steel | sq. yard | | 572 | 572 |
| | Type D Barrier | linear foot | | 634 | 634 |
| | Type C Barrier Transition | linear foot | | 45 | 45 |
| | Reinforcing Steel (Bridges) | pound | 36,580 | | 36,850 |
| | Fabricated Structural Low Alloy Steel (I-Beam) A709, Grade 50 | pound | | 98,660 | 98,660 |
| | Slab Drain | each | | | 18 |
| | Drainage System (On Structure) | lump sum | | 1 | 1 |
| | Finish Field Coat (System L) | sq. foot | | 5000 | 5000 |
| | Vertical Drain at End Bents | each | | | 2 |
| | Laminated Neoprene Bearing Pad (Tapered) | each | | 8 | 8 |
| | Laminated Neoprene Bearing Pad Assembly | each | | 8 | 8 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Note:

* Pay items paid for at unit price. Other estimated quantities shown are for information only. For payment of other items of work, see special provisions.

## Foundation Data

| Type | Design Data | | Bent Number 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|---|
| Load Bearing Pile | Pile Type and Size | | HP 12x53 | - | - | HP 12x53 |
| | Number | ea | 4 | - | - | 4 |
| | Approximate Length Per Each | ft | 31 | - | - | 75 |
| | Pile Point Reinforcement | ea | All | - | - | All |
| | Min. Galvanized Penetration (Elev.) | ft | Full Length | - | - | 592 |
| | Pile Driving Verification Method | | DF | - | - | DF |
| | Resistance Factor | | 0.4 | - | - | 0.4 |
| | Minimum Nominal Axial Compressive Resistance | kip | 360 | - | - | 360 |
| Rock Socket | Number | ea | - | 2 | 2 | - |
| | Foundation Material | | - | Rock | Rock | - |
| | Elevation Range | ft | - | 552 and below | 537 and below | - |
| | Minimum Nominal Axial Compressive Resistance (Side Resistance) | ksf | - | 23.5 | 33.2 | - |
| | Minimum Nominal Axial Compressive Resistance (Tip Resistance) | ksf | - | 0.0 | 0.0 | - |

DF = FHWA-modified Gates Dynamic Pile Formula

Load Bearing Pile:
Minimum Nominal Axial Compressive Resistance = Maximum Factored Loads/Resistance Factor

Rock Socket (Drilled Shafts):
Minimum Nominal Axial Compressive Resistance (Side Resistance) = Maximum Factored Loads/Resistance Factors

Design Nominal Axial Compressive Resistance (Side) = 33.6 ksf
Design Nominal Axial Compressive Resistance (Tip) = 400 ksf

Driven Piles:
All piles shall be galvanized down to the minimum galvanized penetration (elevation).

Pile point reinforcement need not be galvanized. Shop drawings will not be required for pile point reinforcement.

The contractor shall make every effort to achieve the minimum galvanized penetration (elevation) shown on the plans for all piles. Deviations in penetration less than 5 feet of the minimum will be considered acceptable provided the contractor makes the necessary corrections to ensure the minimum penetration is achieved on subsequent piles.

HP piles are anticipated to be driven to refusal on rock. Review all borings for depth of rock and restrict driving as appropriate to comply with hard rock driving criteria in accordance with Sec 702.

## General Notes:

Design Specifications:
2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)
2023 AASHTO Guide Specifications for LRFD Seismic Bridge Design (3rd Ed.)
Seismic Design Category = A (Nonseismic)
Design earthquake response spectral acceleration coefficient at 1.0 second period, $S_{D1}$ = 0.119
Acceleration Coefficient (effective peak ground acceleration coefficient, $A_S$ = 0.07

Design Loading:
Vehicular = HL-93 (New Construction) and HS20-44, Military 24,000 lb. Tandem Axle (1965)(Existing Construction)
Future Wearing Surface = 35 lb/sf (New Construction) and 15 lb/sf (Existing Construction)
Earth = 120 lb/cf
Equivalent Fluid Pressure = 45 lb/cf (Min.)

Design Unit Stresses:

| | |
|---|---|
| Class B Concrete (Substructure) | f'c = 3,000 psi |
| Class B-1 Concrete (Barrier) | f'c = 4,000 psi |
| Class B-2 Concrete (Superstructure, except Barrier) | f'c = 4,000 psi |
| Reinforcing Steel (ASTM A615 Grade 60) | fy = 60,000 psi |
| Structural Steel HP Pile (ASTM A709 Grade 50) | fy = 50,000 psi |
| Structural Steel (ASTM A709 Grade 50) | fy = 50,000 psi |
| Class B-2 Concrete (Drilled Shafts and Rock Sockets) | f'c = 4,000 psi |

Neoprene Pads:
Neoprene bearing pads shall be 60 durometer and shall be in accordance with Sec 716.

Joint Filler:
All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Traffic Handling:
Traffic to be maintained on structure during construction. Two lanes of I-70 will be maintained on the structure in both directions. See roadway plans for traffic control.

Structural Steel Protective Coatings:
Protective Coating: System L in accordance with Sec 1081.

Prime Coat: The cost of the inorganic zinc prime coat will be considered completely covered by the lump sum price for Bridge No. A01532.

Field Coats: The color of the field coats shall be Gray (Federal Standard #26373). The cost of the finish field coat will be considered completely covered by the lump sum price for Bridge No. A01532.

At the option of the contractor, the finish field coat may be applied in the shop. The contractor shall exercise extreme care during all phases of loading, hauling, handling, erection and pouring of the slab to minimize damage and shall be fully responsible for all repairs and cleaning of the coating systems as required by the engineer.

Fabricated Steel Connections:
Field connections shall be made with 3/4" diameter ASTM F3125 Grade A325 Type 1 bolts and 13/16" diameter holes, except as noted.

Miscellaneous:
High strength bolts, nuts and washers will be sampled for quality assurance as specified in Sec 106.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

Longitudinal dimensions are based on the original design plans.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with an approved qualified special mortar in accordance with Sec 704.

Sandblasting shall be required on existing concrete surface that will be in contact with new concrete.

Epoxy Urethane Polymer Wearing Surface with Healer/Sealer shall be applied to all new and existing top of slab surfaces extending 1 foot vertically up face of barriers in accordance with the job special provisions.

All concrete between the upper and lower construction joints in the end bents is included in the Estimated Quantities for Slab on Steel.

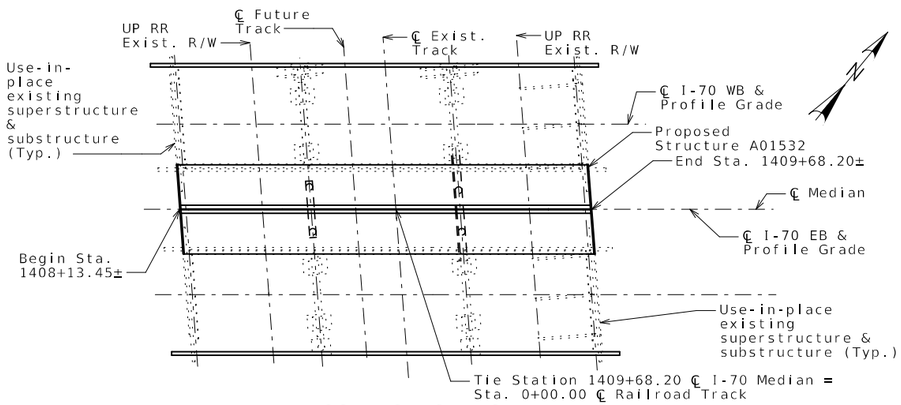
All reinforcement in the end bents is included in the Estimated Quantities for Slab on Steel.

## Estimated Quantities for Slab on Steel

| Item | | Total |
|---|---|---|
| Class B-2 Concrete | cu. yard | 160 |
| Reinforcing Steel (Epoxy Coated) | pound | 43,070 |

The table of Estimated Quantities for Slab on Steel represents the quantities used by the State in preparing the cost estimate for concrete slabs. The area of the concrete slab will be measured to the nearest square yard longitudinally from end of slab to end of slab and transversely from the outside face of barrier to longitudinal construction joint (or with the horizontal dimensions as shown on the plan of slab). Payment for conventional forms, all concrete and epoxy coated reinforcing steel will be considered completely covered by the contract unit price for the slab. Variations may be encountered in the estimated quantities but the variations cannot be used for an adjustment in the contract unit price.

Method of forming the slab shall be as shown on the plans and in accordance with Sec 703. All hardware for forming the slab to be left in place as a permanent part of the structure shall be coated in accordance with ASTM A123 or ASTM B633 with a thickness class SC 4 and a finish type I, II or III. Slab shall be cast-in-place with conventional forms or stay-in-place corrugated steel forms. Precast prestressed panels will not be permitted.




LOCATION SKETCH

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 11/13/2025
ROUTE: I-70 | STATE: MO
DISTRICT: BR | SHEET NO.: 2
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM


Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_002_JST0017B_general notes.dgn 2:22:49 PM 11/13/2025

# UPRR General Notes for Overhead Structures:

1. COORDINATION: Use the Union Pacific Railroad Public Projects Manual as a guide for assisting in administering, coordinating, planning, and implementing your project.

2. DESIGN REVIEW: Prior to construction, obtain Railroad review and approval of all relevant construction items, including but not limited to, shoring, track & ground monitoring, erection, demolition, and falsework. All designs must adhere to the most restrictive provisions of the current UPRR and AREMA standards and guidelines in effect at the time the work is executed. Allow a minimum of 4 weeks for review and approval of each submittal. For submittals not in accordance with these notes, longer review times shall be expected.

3. OPERATIONS: Projects shall be designed such that all construction activities and phasing will not compromise safety nor impact Railroad operations.

4. PASSING TRAINS: Railroad requirements do not allow work within 50 feet of track centerline when a train passes the work site and all personnel must clear the area within 25 feet of the track centerline and secure all equipment.

5. WORK WINDOWS: Construction activities must be performed within naturally occurring track windows. Coordinate all requests for construction work windows with the Railroad's Designated Representative to ensure that the work is scheduled to eliminate any potential disruption to the Railroad's operations.

6. TOP OF RAIL SURVEY: Verify the elevation of the existing top-of-rail profile before starting construction. Top-of-rail survey shall be performed for 1000 feet on either side of proposed overhead structure. Additional vertical clearance may be required for adjustment of sag in vertical curve, future track raise, flood considerations, construction and maintenance purposes. Bring all discrepancies to the attention of the Railroad prior to construction.

7. TEMPORARY CONSTRUCTION CLEARANCES: Construction activities are not allowed within the temporary construction clearance envelope per the current UPRR Guidelines for Railroad Grade Separation Projects and Guidelines for Temporary Shoring.

8. PERMANENT CLEARANCE ENVELOPE: The minimum permanent vertical clearance shall be 23'-4" measured from top of highest rail to the lowest obstruction under the structure. The extent of this vertical clearance shall be a minimum of 9 feet to the field side of the outermost existing or future tracks, measured perpendicular from the centerline of said tracks. In curved track, 9 feet shall be increased either 6 inches total or 1.5 inches for every degree of curve, whichever is greater. The permanent vertical clearance shall extend to cover all existing and future tracks, including the space in between.

9. VERIFY PERMANENT CLEARANCES: All permanent clearances shall be verified throughout construction. A compliance report shall be submitted to the Railroad before project closing. All discrepancies shall be brought to the attention of the Railroad.

10. PERMANENT CLEARANCES FOR BID: The permanent vertical and horizontal design clearances, which are specified in the bid documents approved by the Railroad, must be maintained in relation to the top-of-rail and centerline of existing and future tracks, respectively. Any reduction of these clearances is not permitted.

11. DRAINAGE: The proposed project shall not increase the quantity and/or characteristics of the flow in the Railroad's ditches and/or drainage structures.

12. BEFORE YOU DIG: Appropriate measures for the location and protection of UPRR facilities shall be addressed in the plans and contract documents. For specific Railroad requirements and additional information refer to www.up.com/cbud. Abandonment of utilities must follow the UPRR Guidelines For Abandonment of Subsurface Utility Structures.

Tie Station 1408+94.32 ℄ I-70 = Sta. 0+0.00 UPRR

Sta. & Milepost Increase

| Sta. | Elev. |
|---|---|
| -10+06.06 | 591.92 |
| -9+78.53 | 591.90 |
| -9+51.51 | 591.90 |
| -9+28.78 | 591.89 |
| -9+02.43 | 591.90 |
| -8+78.46 | 591.93 |
| -8+54.09 | 591.94 |
| -8+28.85 | 591.98 |
| -8+04.98 | 591.99 |
| -7+80.33 | 592.01 |
| -7+55.55 | 592.05 |
| -7+29.74 | 592.08 |
| -7+06.31 | 592.10 |
| -6+82.55 | 592.12 |
| -6+58.28 | 592.13 |
| -6+29.43 | 592.18 |
| -6+03.31 | 592.19 |
| -5+77.46 | 592.23 |
| -5+50.75 | 592.28 |
| -5+25.70 | 592.31 |
| -4+98.88 | 592.36 |
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| -4+54.79 | 592.45 |
| -4+24.15 | 592.50 |
| -4+01.03 | 592.55 |
| -3+76.88 | 592.59 |
| -3+56.71 | 592.62 |
| -3+34.40 | 592.66 |
| -3+06.73 | 592.72 |
| -2+80.67 | 592.75 |
| -2+54.25 | 592.79 |
| -2+28.71 | 592.80 |
| -2+03.55 | 592.62 |
| -1+77.84 | 592.84 |
| -1+50.34 | 592.86 |
| -1+29.59 | 592.84 |
| -1+05.72 | 592.84 |
| -0+79.94 | 592.83 |
| -0+55.74 | 592.81 |
| -0+29.69 | 592.79 |
| -0+07.35 | 592.74 |
| 0+00.00 | 592.72 |

TOP OF RAIL SURVEY
(Existing East Track)

| Sta. | Elev. |
|---|---|
| 0+00.00 | 592.72 |
| +0+18.58 | 592.70 |
| +0+41.28 | 592.69 |
| +0+67.59 | 592.64 |
| +0+93.35 | 592.58 |
| +1+19.55 | 592.54 |
| +1+44.15 | 592.50 |
| +1+70.43 | 592.46 |
| +1+95.22 | 592.42 |
| +2+20.29 | 592.36 |
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| +3+95.24 | 592.01 |
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| +4+69.20 | 591.87 |
| +4+94.91 | 591.82 |
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| +5+69.26 | 591.70 |
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| +9+20.61 | 591.02 |
| +9+43.52 | 590.97 |
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| +9+95.66 | 590.85 |

TOP OF RAIL SURVEY
(Existing East Track)

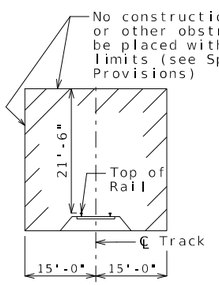
Sta. & Milepost Increase

| Sta. | Elev. |
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| -9+28.49 | 591.89 |
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| -7+55.51 | 592.05 |
| -7+29.59 | 592.09 |
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| -6+29.45 | 592.16 |
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| -1+50.16 | 592.67 |
| -1+30.01 | 592.67 |
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| -0+80.11 | 592.64 |
| -0+55.74 | 592.62 |
| -0+29.64 | 592.59 |
| -0+07.28 | 592.54 |
| 0+00.00 | 592.53 |

TOP OF RAIL SURVEY
(Existing West Track)

| Sta. | Elev. |
|---|---|
| 0+00.00 | 592.53 |
| +0+18.63 | 592.50 |
| +0+41.48 | 592.50 |
| +0+67.61 | 592.47 |
| +0+93.49 | 592.44 |
| +1+19.33 | 592.41 |
| +1+44.21 | 592.38 |
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| +2+20.29 | 592.31 |
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| +2+70.88 | 592.22 |
| +2+94.40 | 592.19 |
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| +3+69.51 | 592.08 |
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| +7+94.97 | 591.31 |
| +8+19.83 | 591.25 |
| +8+43.78 | 591.20 |
| +8+69.04 | 591.14 |
| +8+93.94 | 591.06 |
| +9+20.40 | 591.01 |
| +9+43.36 | 590.96 |
| +9+70.13 | 590.90 |
| +9+95.86 | 590.84 |

TOP OF RAIL SURVEY
(Existing West Track)




MINIMUM CONSTRUCTION CLEARANCES
(Normal to Railroad)
(Not to scale)

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 11/13/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| BR | 3 |

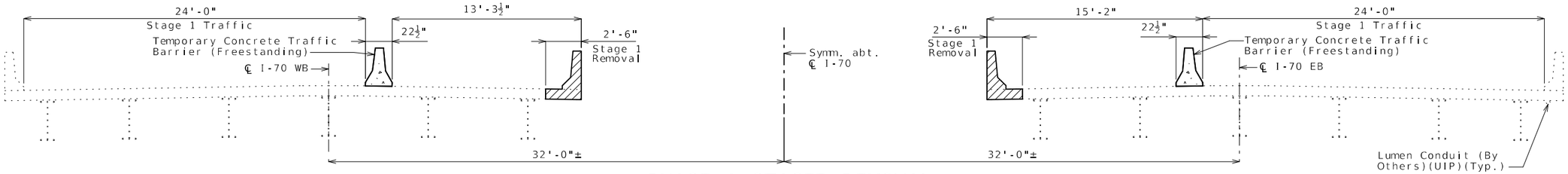
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

| DESCRIPTION | DATE |
|---|---|
| | |

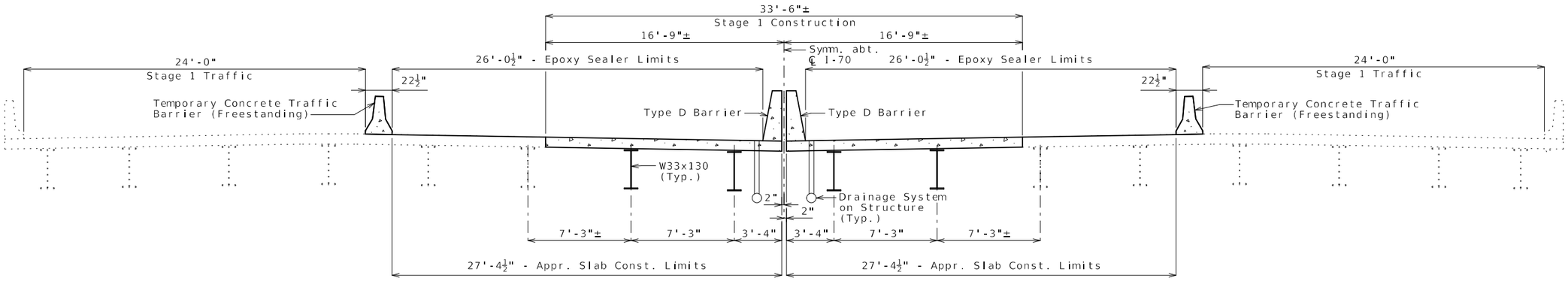
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

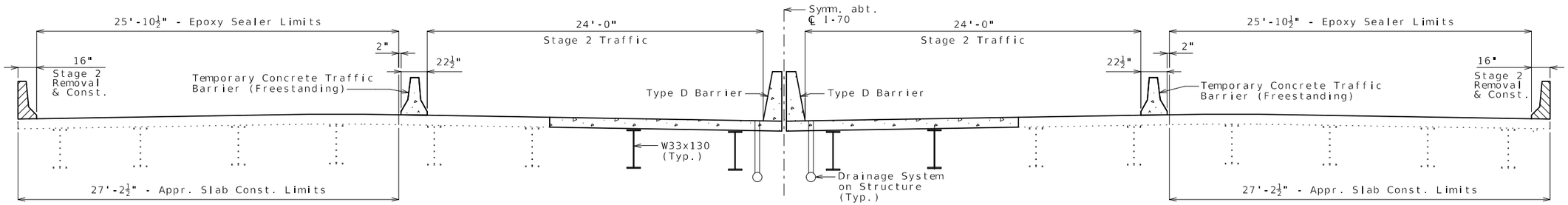
Bartlett & West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM



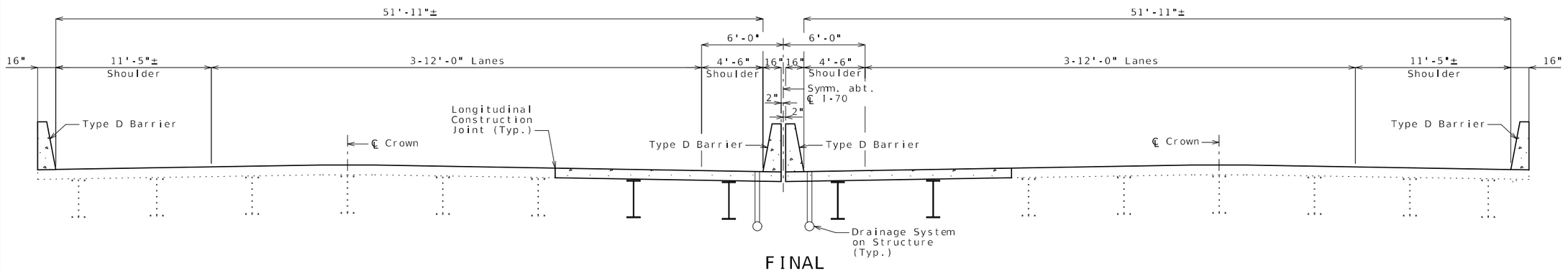

PHASE 1 STAGED REMOVAL




PHASE 1 STAGED CONSTRUCTION




PHASE 2 STAGED REMOVAL & CONSTRUCTION




FINAL

STAGED CONSTRUCTION DETAILS

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_004_JST0017B_phase const.dgn 2:23:39 PM 11/13/2025

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/13/2025

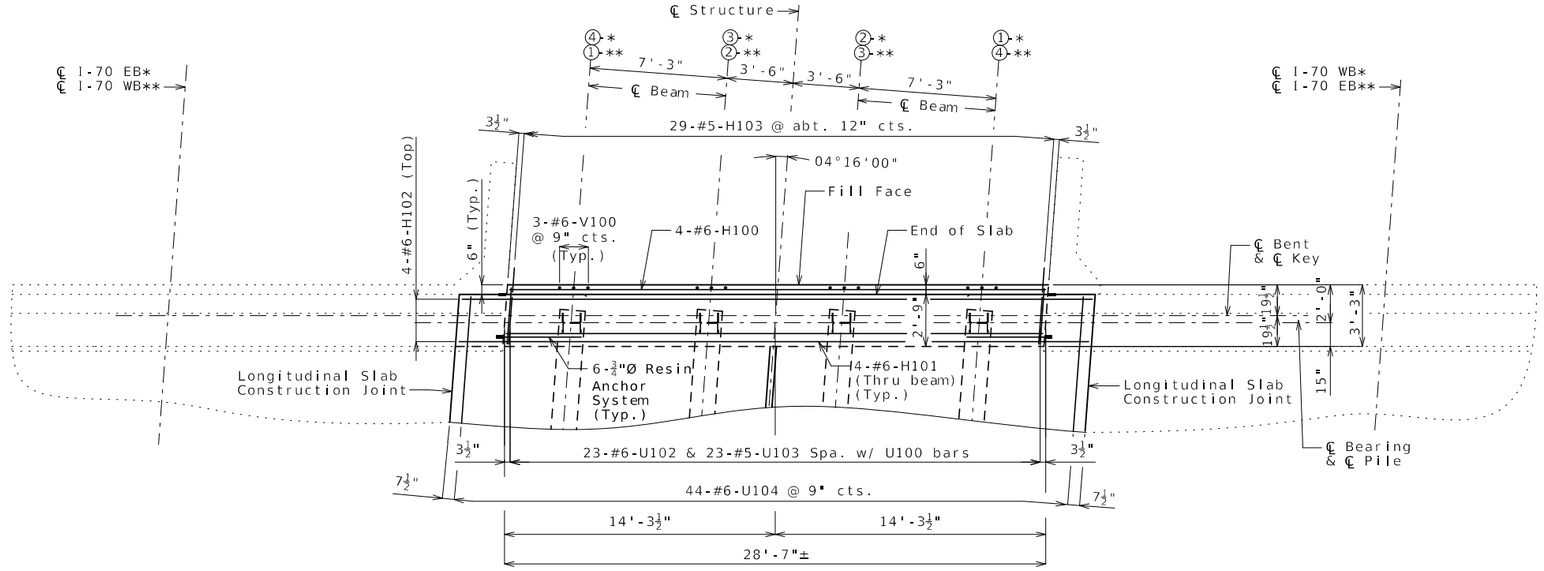
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 4
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

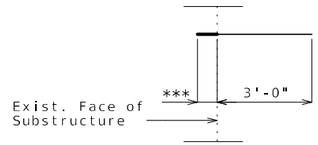
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PART PLAN




RESIN ANCHOR SYSTEM

(48 required)

*** Manufacturer's embedment length (5" minimum)

Notes:

Work this sheet with Sheets No. 6 and 7.

For Section Near End Bent, see Sheet No. 6.

For reinforcement of barriers not shown, see Sheets No. 19 thru 22.

For details of Vertical Drain at End Bents, see Sheet No. 8.

For details of Bridge Approach Slab, see Sheet No. 23.

All concrete in the end bent above top of beam and below top of slab shall be Class B-2.

Reinforcing steel shall be shifted to clear piles. U bars shall clear piles by 1 1/2".

All U bars and pairs of V bars shall be placed parallel to centerline of roadway.

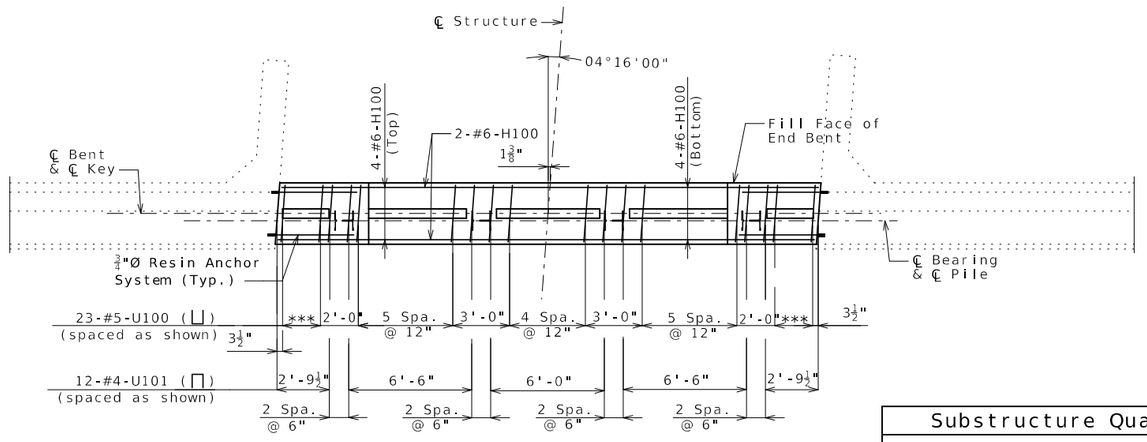
The contractor shall use one of the qualified resin anchor systems in accordance with 1039.

Cost of furnishing and installing the resin anchor system, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

An epoxy coated #6 Grade 60 reinforcing bar shall be substituted for the 3/4-inch diameter threaded rod.

* End Bent No. 1
** End Bent No. 4




PLAN OF BEAM SHOWING REINFORCEMENT

*** 2 Spa. @ 12"

Substructure Quantity Table for Bent No. 1 and 4

| Item | | Bent 1 | Bent 4 |
|---|---|---|---|
| Class 1 Excavation | cu. yard | 20 | 20 |
| Galvanized Structural Steel Piles (12 in.) | linear foot | 124 | 300 |
| Pile Point Reinforcement | each | 4 | 4 |
| Class B Concrete (Substructure) | cu. yard | 10.6 | 10.6 |
| | | | |
| | | | |

These quantities are included in the Estimated Quantities table on Sheet No. 2.

# DETAILS OF END BENTS NO. 1 & 4

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_005_JST0017B_end bent 1.1.dgn 2:24:00 PM 11/13/2025

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DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
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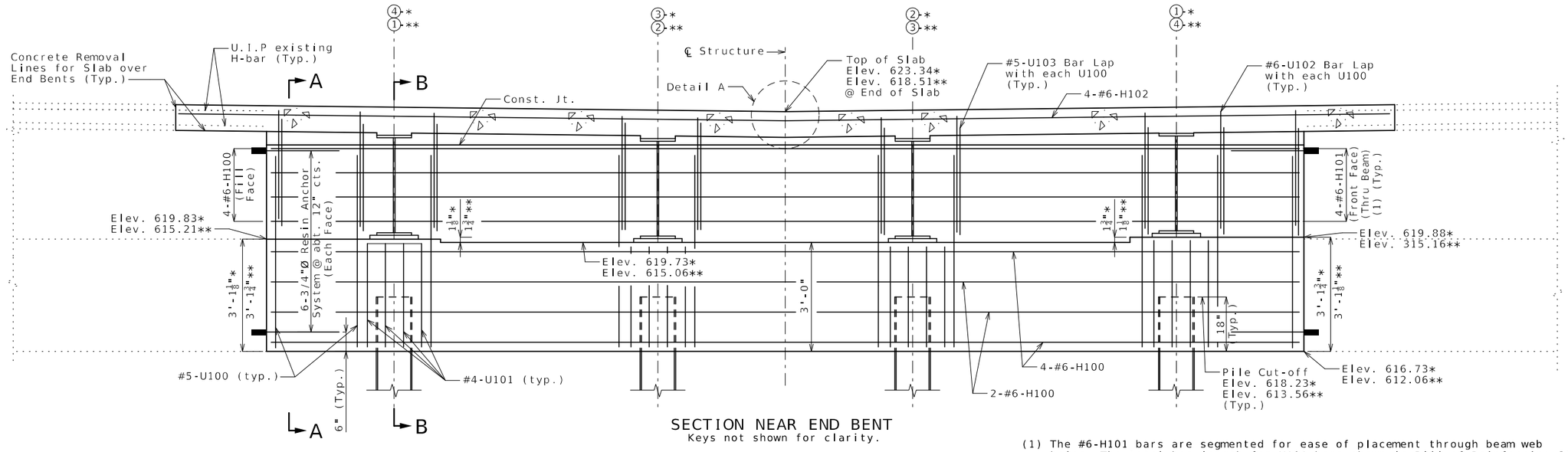
DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 5
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

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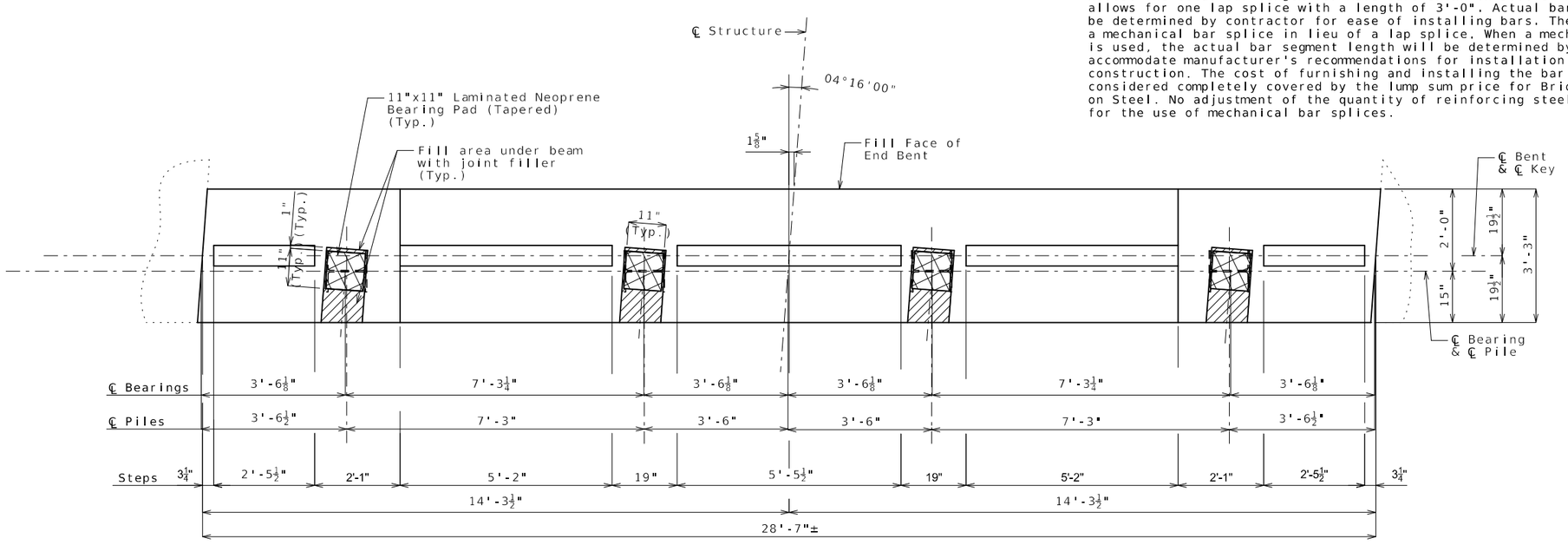
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SECTION NEAR END BENT
Keys not shown for clarity.

(1) The #6-H101 bars are segmented for ease of placement through beam web holes. The total bar length for H101 bars shown in Bill of Reinforcing Steel allows for one lap splice with a length of 3'-0". Actual bar segment lengths to be determined by contractor for ease of installing bars. The contractor may use a mechanical bar splice in lieu of a lap splice. When a mechanical bar splice is used, the actual bar segment length will be determined by the contractor to accommodate manufacturer's recommendations for installation and ease of construction. The cost of furnishing and installing the bar splices will be considered completely covered by the lump sum price for Bridge No. A01532. Slab on Steel. No adjustment of the quantity of reinforcing steel will be allowed for the use of mechanical bar splices.




PLAN OF BEAM SHOWING DIMENSIONS

Notes:

Work this sheet with Sheets No. 5 and 7.

For reinforcement of barriers not shown, see Sheets No. 19 and 20.

For details of Vertical Drain at End Bents, see Sheet No. 8.

For details of Bridge Approach Slab, see Sheet No. 23.

* End Bent No. 1
** End Bent No. 4

# DETAILS OF END BENTS NO. 1 & 4

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



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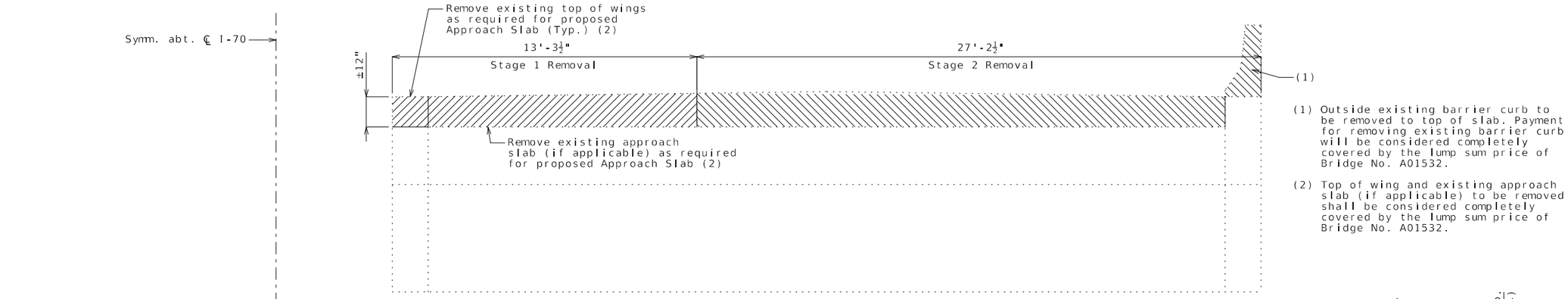
DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 6
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

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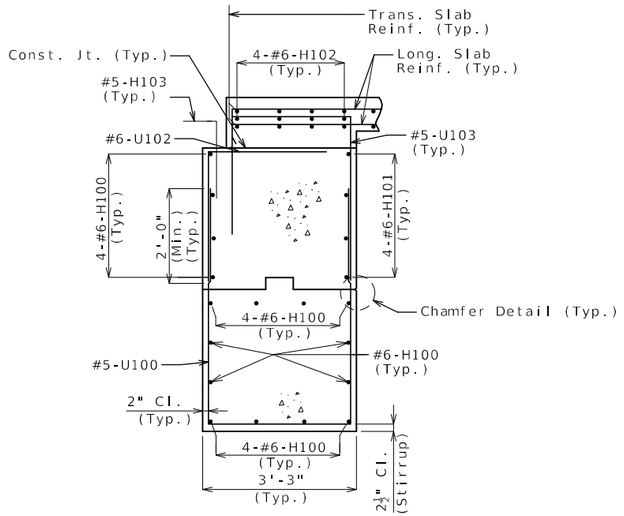



(1) Outside existing barrier curb to be removed to top of slab. Payment for removing existing barrier curb will be considered completely covered by the lump sum price of Bridge No. A01532.

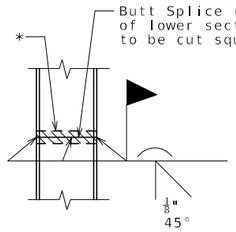
(2) Top of wing and existing approach slab (if applicable) to be removed shall be considered completely covered by the lump sum price of Bridge No. A01532.

# DETAILS OF CONCRETE REMOVAL AT END BENTS

(EB Looking East shown, WB similar by mirror image.)



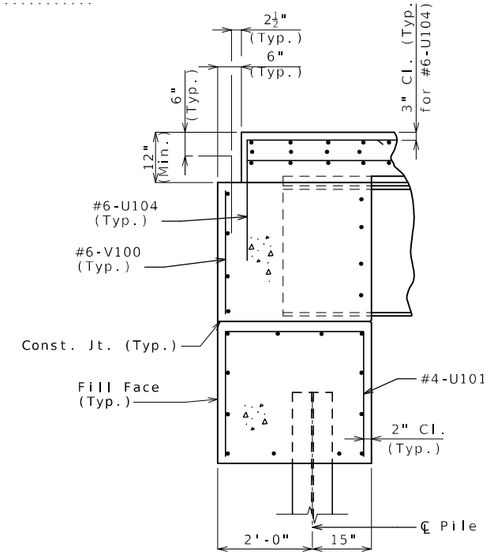

SECTION A-A



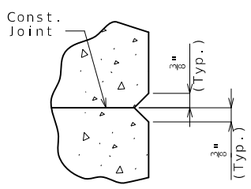

STEEL PILE SPLICE

(If required)

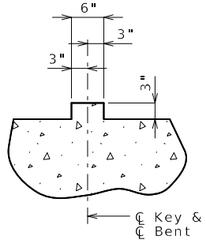
* Galvanizing material shall be omitted or removed one inch clear of weld locations in accordance with Sec 702.



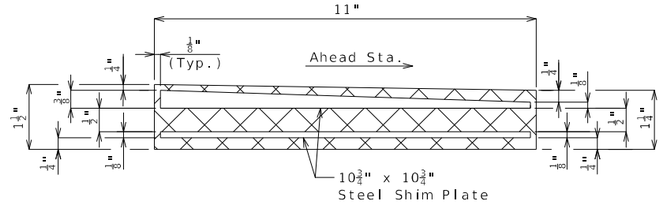

SECTION B-B




CHAMFER DETAIL




SECTION THRU KEY




SECTION THRU LAMINATED NEOPRENE BEARING PAD (TAPERED)

Note: Work this sheet with Sheets No. 5 and 6.

# DETAILS OF END BENTS NO. 1 & 4

Detailed June 2025
Checked June 2025

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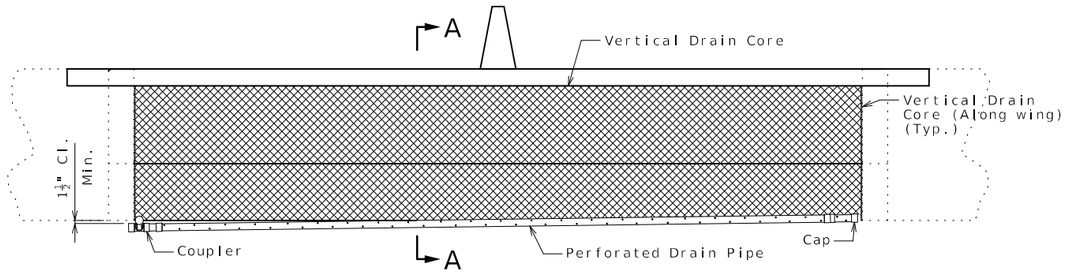
DATE PREPARED 11/13/2025
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DISTRICT BR | SHEET NO. 7
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

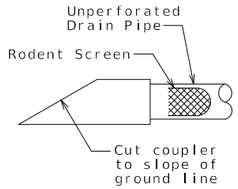
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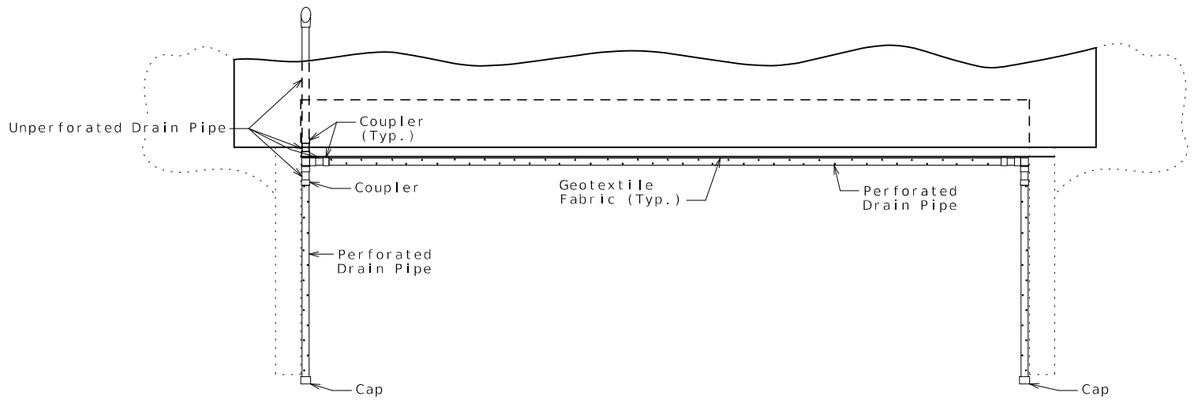
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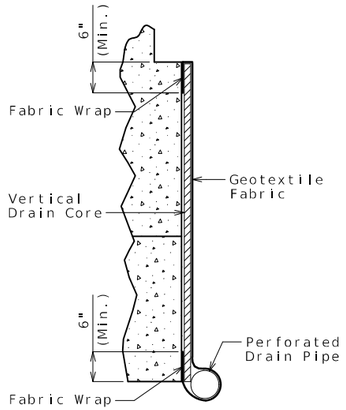

ELEVATION OF END BENT



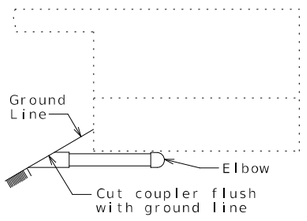

DETAIL A



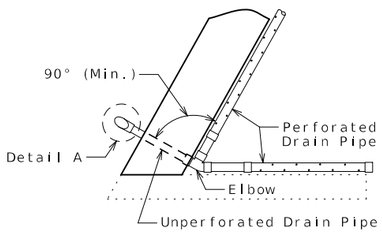

PLAN OF END BENT




PART SECTION A-A
(Section thru wing similar)




ELEVATION OF WING




PART PLAN

TURNED DRAIN

## General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of new end bent and outside face of existing wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side of new end bent and outside face of existing wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

# VERTICAL DRAIN AT END BENTS

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PROJECT NO.
BRIDGE NO. A01532

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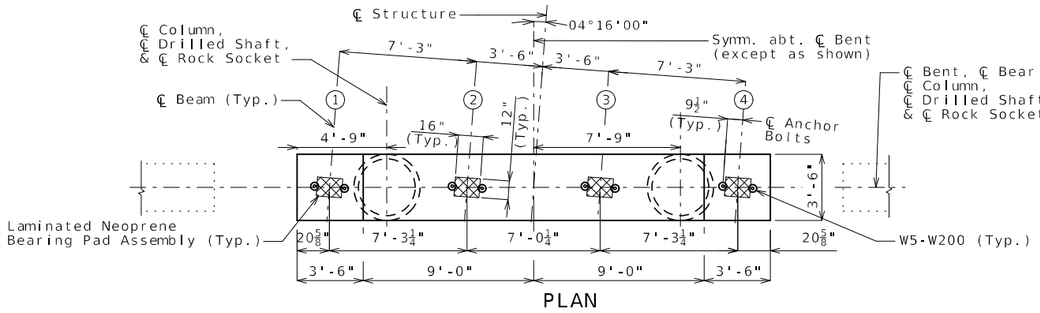
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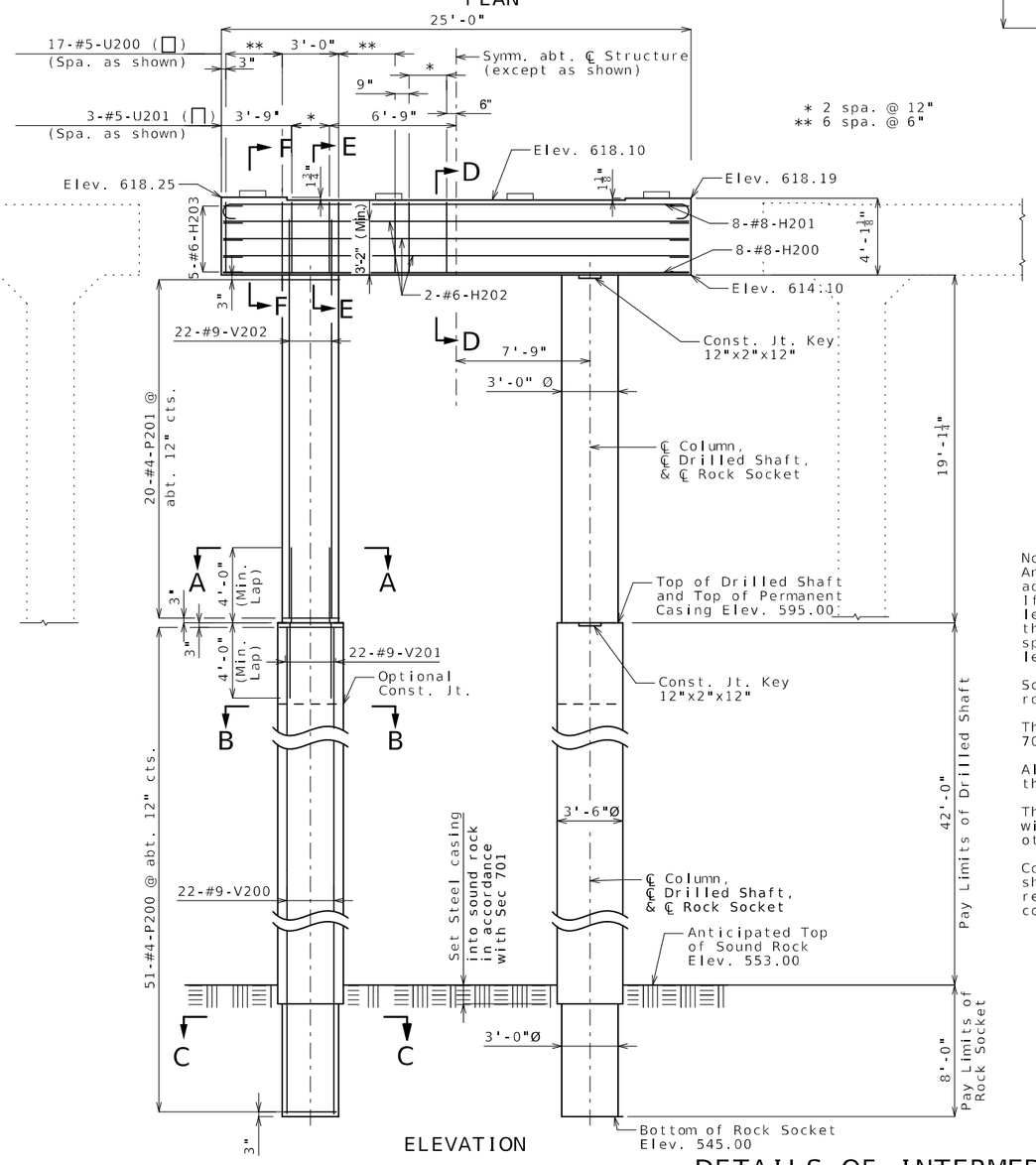
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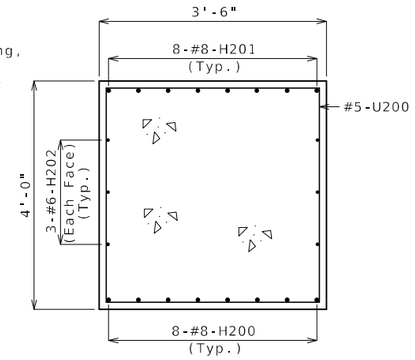



PLAN

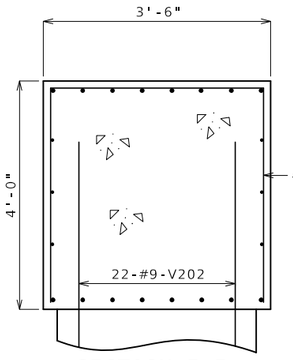



ELEVATION

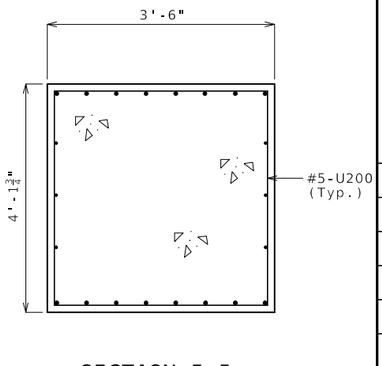
* 2 spa. @ 12"
** 6 spa. @ 6"



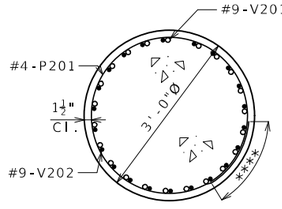

SECTION D-D



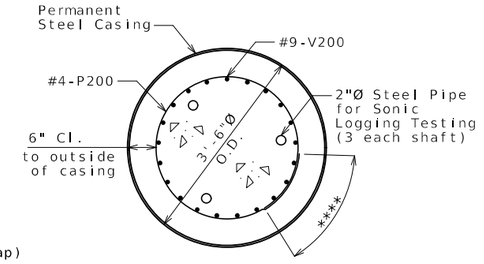

SECTION E-E




SECTION F-F

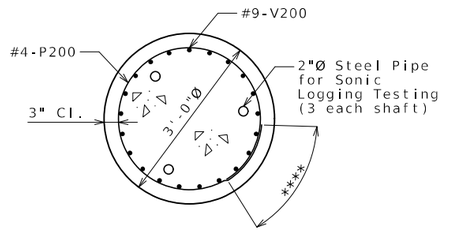



SECTION A-A




SECTION B-B

**** 13" (min. lap) Stagger adjacent bar splices.




SECTION C-C

Notes:
An additional 4 feet has been added to #9-V200 lengths and four additional #4-P200 bars have been added in the quantities per shaft. If required, for possible change in drilled shaft or rock socket length. The additional V-bar length shall be cut-off or included in the reinforcement lap if not required. The additional bars shall be spaced similarly to that shown in elevation, if required, or to a lesser spacing if not required but not less than 6" cts.

Sonic logging testing shall be performed on all drilled shafts and rock sockets.

Thickness of permanent steel casing shall be in accordance with Sec 701.

All reinforcement in drilled shafts and rock sockets is included in the substructure quantities.

The cost of any required excavation to the top of the drilled shafts will be considered completely covered by the contract unit price for other items.

Column or dowel reinforcement shall be placed prior to pouring drilled shaft concrete in the area of the lap. Dowel bar or column reinforcement shall not be inserted after drilled shaft pour is complete.

Substructure Quantity Table for Bent No. 2

| Item | | Quantity |
|---|---|---|
| Drilled Shafts (3 ft. 6 in. Dia.) | linear foot | 84 |
| Rock Sockets (3 ft. 0 in. Dia.) | linear foot | 16 |
| Video Camera Inspection | each | 2 |
| Foundation Inspection Holes | linear foot | 36 |
| Sonic Logging Testing | each | 2 |
| Class B Concrete (Substructure) | cu. yard | 23.1 |
| Reinforcing Steel (Bridges) | pound | 15,620 |
| | | |
| | | |

These quantities are included in the Estimated Quantities table on Sheet No. 2.

# DETAILS OF INTERMEDIATE BENT NO. 2

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



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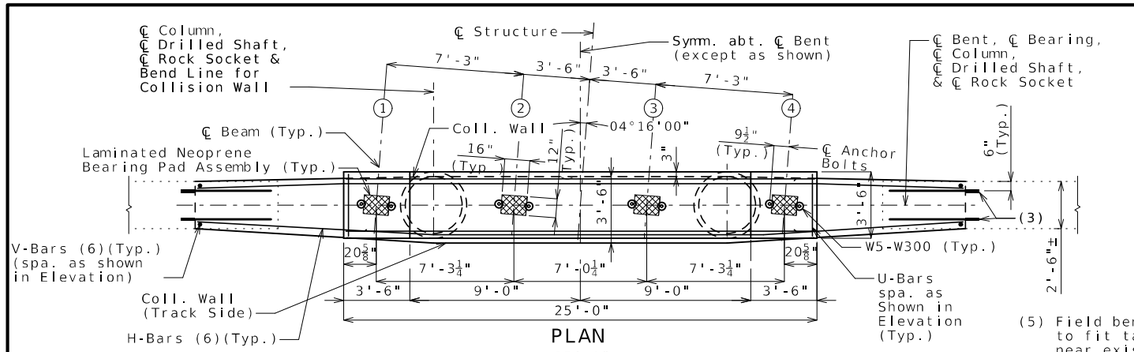
DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 9
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

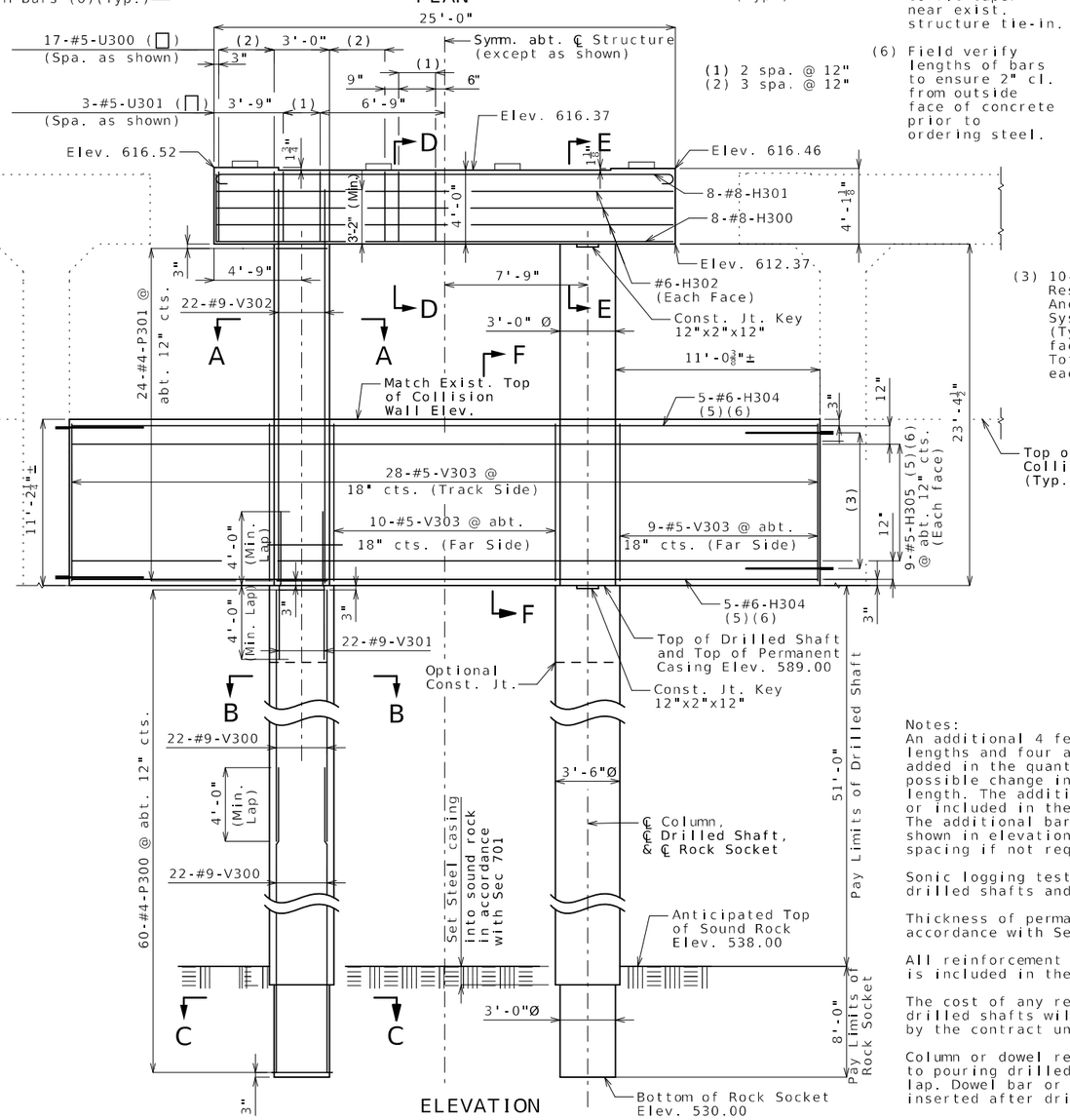
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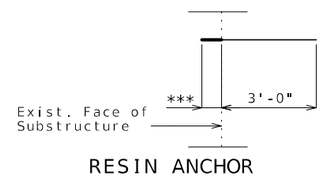




(1) 2 spa. @ 12"
(2) 3 spa. @ 12"

(5) Field bend bars to fit taper near exist. structure tie-in.

(6) Field verify lengths of bars to ensure 2" cl. from outside face of concrete prior to ordering steel.

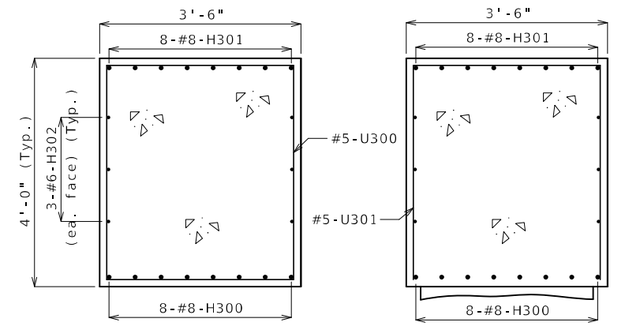
(3) 10-5/8"Ø Resin Anchor System (Typ. ea. face, 20 Total each end)




RESIN ANCHOR SYSTEM (3)

(40 required)

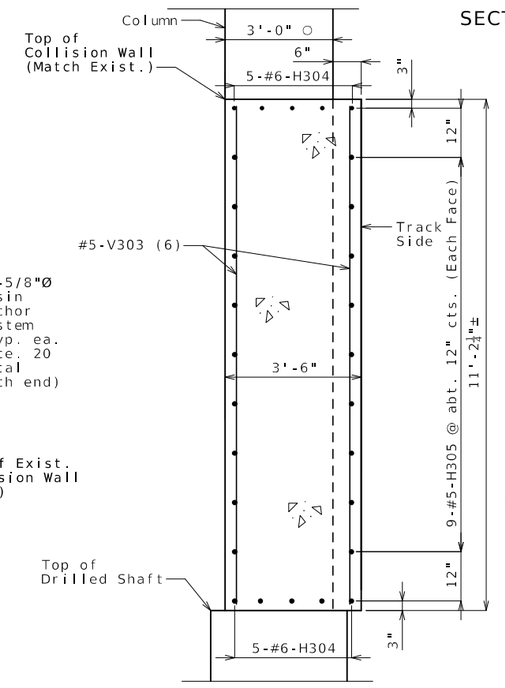
*** Manufacturer's embedment length (5" minimum)



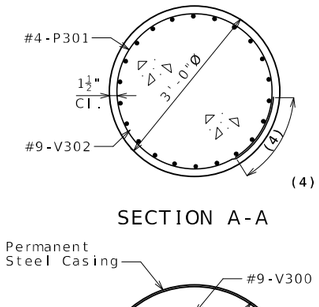

SECTION D-D




SECTION E-E

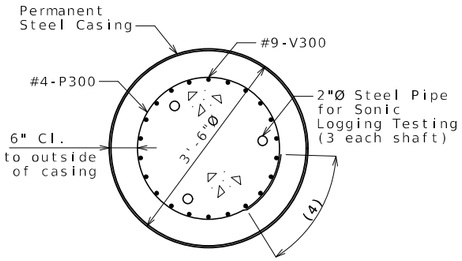



SECTION F-F

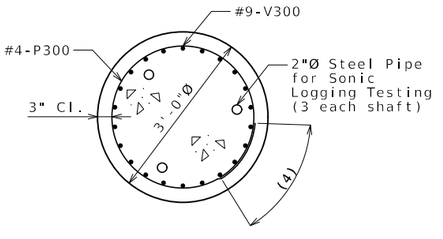



SECTION A-A

(4) 13" (min. lap) Stagger adjacent bar splices.




SECTION B-B




SECTION C-C

Notes:
An additional 4 feet has been added to #9-V300 lengths and four additional #4-P300 bars have been added in the quantities per shaft. If required, for possible change in drilled shaft or rock socket length. The additional V-bar length shall be cut-off or included in the reinforcement lap if not required. The additional bars shall be spaced similarly to that shown in elevation, if required, or to a lesser spacing if not required but not less than 6" cts.

Sonic logging testing shall be performed on all drilled shafts and rock sockets.

Thickness of permanent steel casing shall be in accordance with Sec 701.

All reinforcement in drilled shafts and rock sockets is included in the substructure quantities.

The cost of any required excavation to the top of the drilled shafts will be considered completely covered by the contract unit price for other items.

Column or dowel reinforcement shall be placed prior to pouring drilled shaft concrete in the area of the lap. Dowel bar or column reinforcement shall not be inserted after drilled shaft pour is complete.

Substructure Quantity Table for Bent No. 3

| Item | | Quantity |
|---|---|---|
| Drilled Shafts (3 ft. 6 in. Dia.) | linear foot | 102 |
| Rock Sockets (3 ft. 0 in. Dia.) | linear foot | 16 |
| Video Camera Inspection | each | 2 |
| Foundation Inspection Holes | linear foot | 36 |
| Sonic Logging Testing | each | 2 |
| Class B Concrete (Substructure) | cu. yard | 73.1 |
| Reinforcing Steel (Bridges) | pound | 20,960 |
| | | |
| | | |

These quantities are included in the Estimated Quantities table on Sheet No. 2.

# DETAILS OF INTERMEDIATE BENT NO. 3

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



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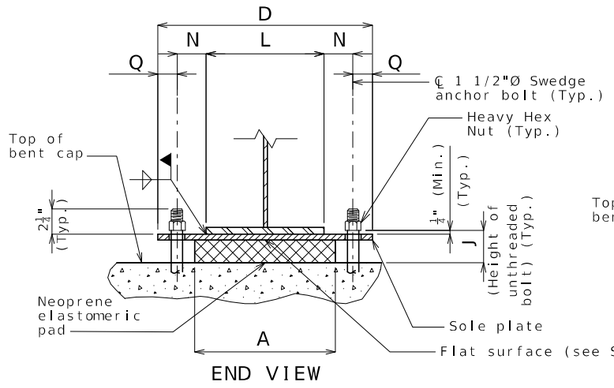
DATE PREPARED: 11/19/2025
ROUTE: I-70 | STATE: MO
DISTRICT: BR | SHEET NO.: 10
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

DESCRIPTION | DATE

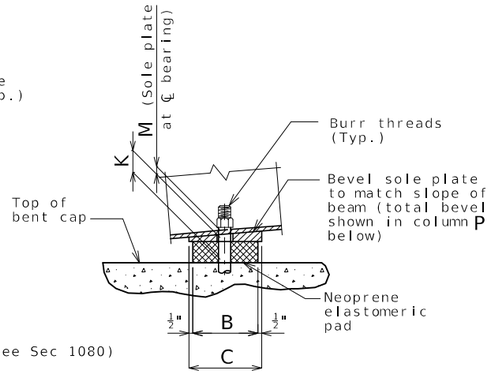
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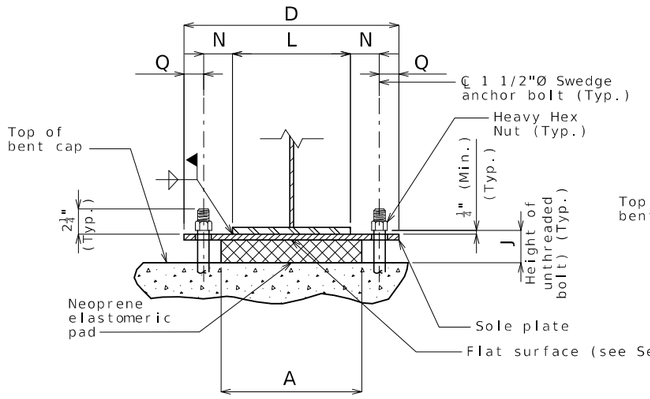
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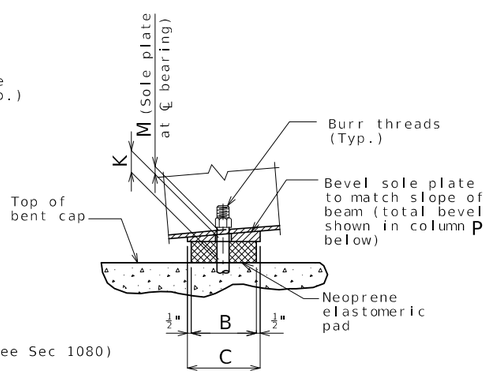

END VIEW



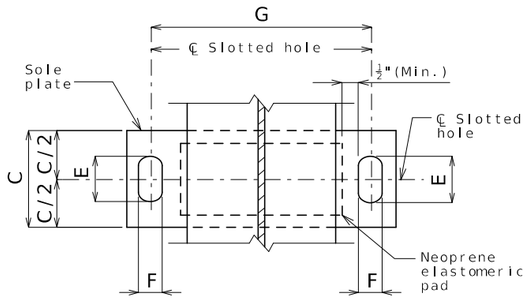

SIDE VIEW



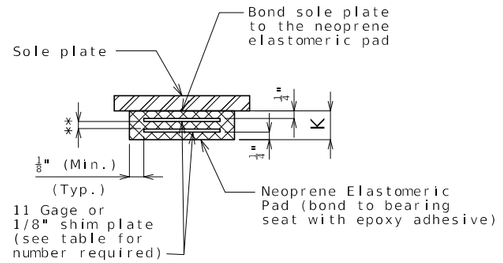

END VIEW




SIDE VIEW

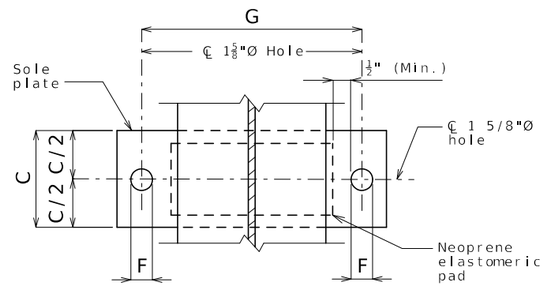



PART PLAN

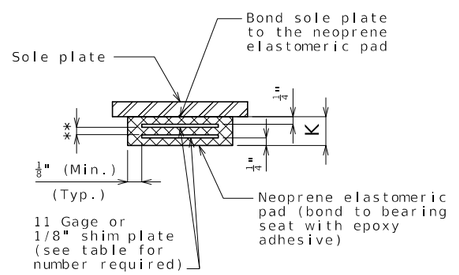



** Layers of 1/2" elastomer alternating with 11 gage or 1/8" shim plate

NEOPRENE ELASTOMERIC PAD




PART PLAN




** Layers of 1/2" elastomer alternating with 11 gage or 1/8" shim plate

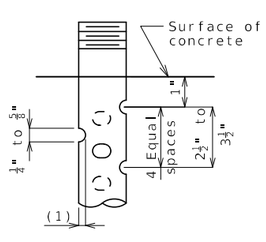
NEOPRENE ELASTOMERIC PAD

| EXPANSION BEARINGS | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BENT NO. | A | B | C | D | E | F | G | J | K | L | M | N | P | Q | R | NUMBER OF SHIM PLATES * | NUMBER REQUIRED |
| 2 | 16" | 12" | 13" | 24" | 3½" | 1⅝" | 19" | 4 9/16" | 1⅞" | 11½" | 1½" | 3¾" | -¼" | 2½" | 1/16" | 3 | 4 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | TOTAL BEARINGS | 4 |

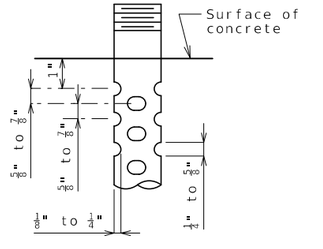
* The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.

| FIXED BEARINGS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BENT NO. | A | B | C | D | F | G | J | K | L | M | N | P | Q | NUMBER OF SHIM PLATES * | NUMBER REQUIRED |
| 3 | 16" | 12" | 13" | 24" | 1⅝" | 19" | 4 9/16" | 1⅞" | 11½" | 1½" | 3¾" | -¼" | 2½" | 3 | 4 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | TOTAL BEARINGS | 4 |

* The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.




DETAIL OF 3/4"Ø THRU 2 1/2"Ø ANCHOR BOLTS

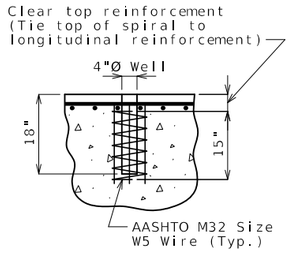



OPTIONAL DETAIL OF 1 3/8"Ø THRU 2 1/2"Ø ANCHOR BOLTS

SWEDGE ANCHOR BOLT DETAILS

(1) ⅛" for ¾"Ø thru 1¼"Ø anchor bolts

¼" to ¼" for 1⅜"Ø thru 2½"Ø anchor bolts




ANCHOR BOLT WELLS

## GENERAL NOTES:

Anchor bolts shall be 1 1/2"Ø ASTM F1554 Grade 55 swedged bolts and shall extend 15" into the concrete with ASTM A563 Grade A Heavy Hex nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Swedging shall be 1" less than extension into the concrete.

Anchor bolt shall be at the centerline of slotted hole at 60°F. Bearing position shall be adjusted R for each 10° fall or rise in temperature at installation.

Anchor bolts and heavy hex nuts shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum, or galvanized in accordance withwith AASHTO M 232 (ASTM A153), Class C.

Neoprene Elastomeric Pads shall be 60 Durometer.

Structural steel for sole plate shall be ASTM A709 Grade 50 and shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum.

Laminated Neoprene Bearing Pad Assembly shall be in accordance with Sec 716.

# LAMINATED NEOPRENE BEARING PAD ASSEMBLY

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_011_JST0017B_BRG10_neo_stl_fixExp_4.dgn 2:26:25 PM 11/13/2025

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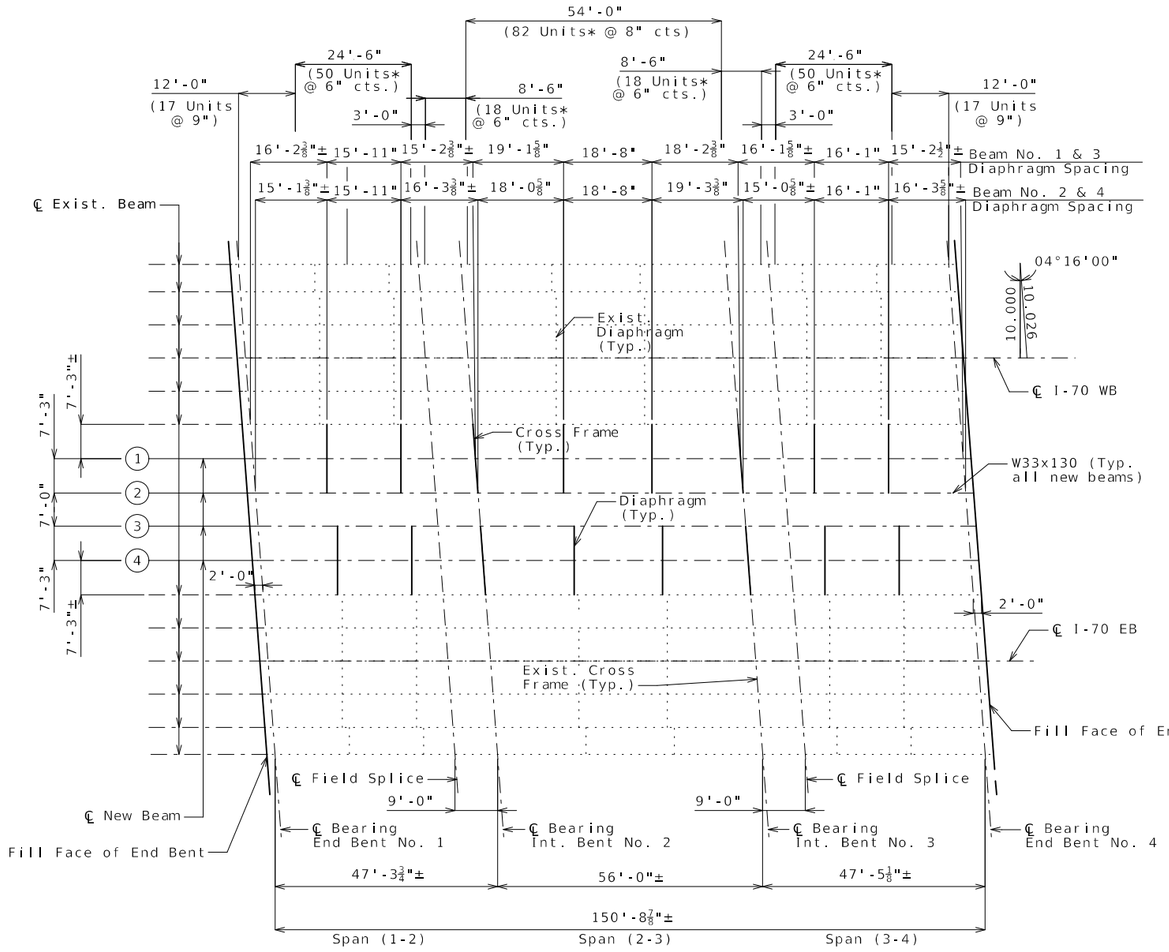
DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 11
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

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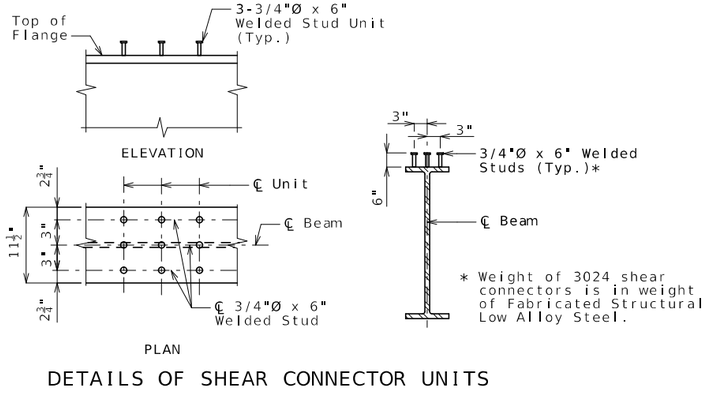
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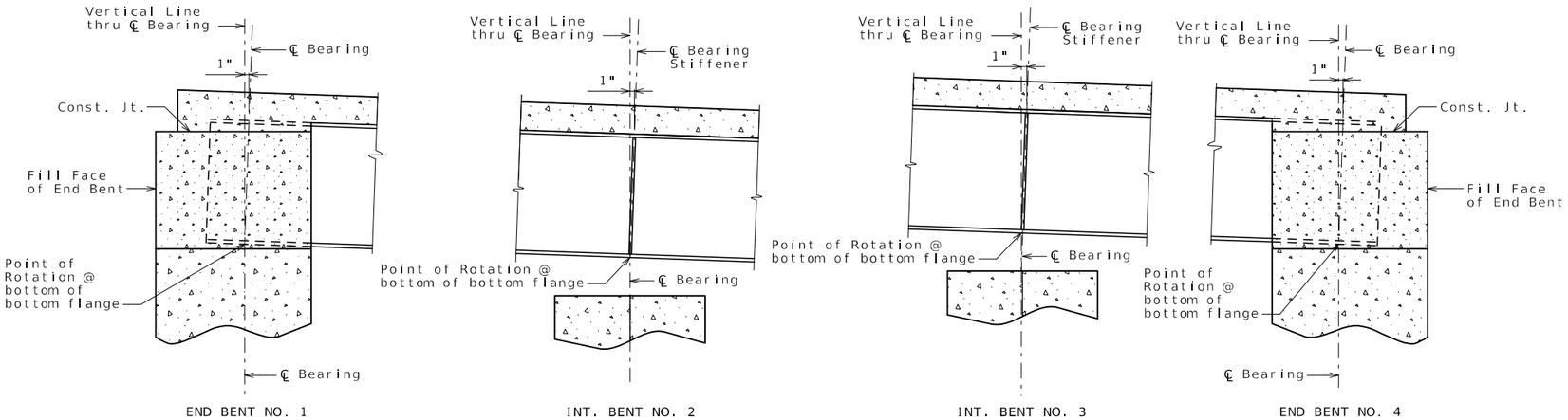



PLAN OF STRUCTURAL STEEL

* 3 Shear Connectors per unit.




DETAILS OF SHEAR CONNECTOR UNITS




PART LONGITUDINAL SECTION

Note: Interior beam shown. Exterior beam similar.

Notes:

Cost of drilling holes in existing structural steel for cross frames or intermediate diaphragm connections shall be included in the lump sum price for Bridge No. A01532.

Work this sheet with Sheets No. 13 and 14.

Fabricated structural steel shall be ASTM A709 Grade 50, except as noted.

Shear connectors shall be in accordance with Sec 712, 1037 & 1080.

Notch toughness is required for all wide flange beams.

For location of slab drain attachment holes, see slab drain details sheet.

Longitudinal dimensions are horizontal from centerline bearing to centerline bearing. See Part-Longitudinal Section on this sheet.

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



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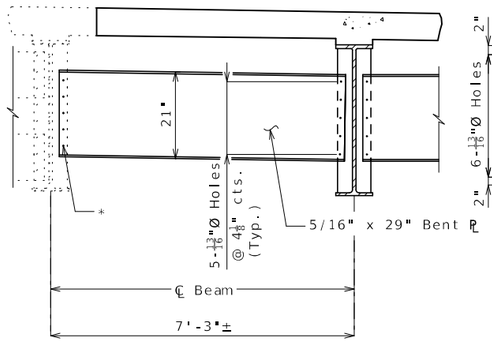
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DISTRICT BR | SHEET NO. 12
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

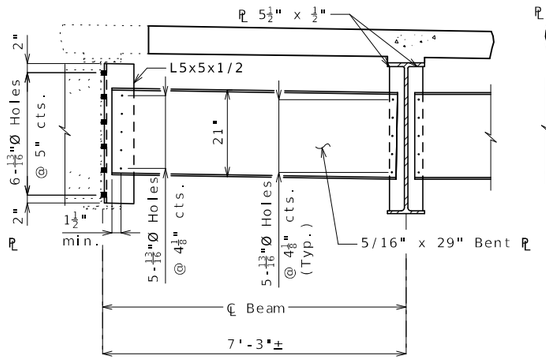
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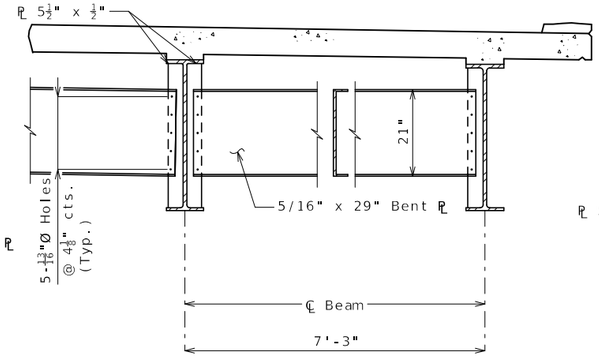



TYPICAL PART SECTION SHOWING
INTERMEDIATE CROSS FRAMES
CONN. TO EXIST. BEAMS

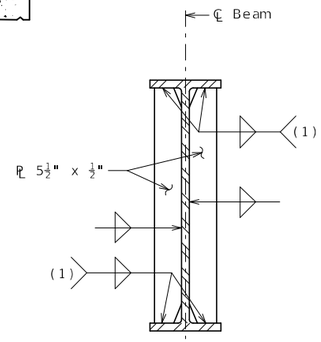
*Field drill holes in existing stiffener to attach cross frame.



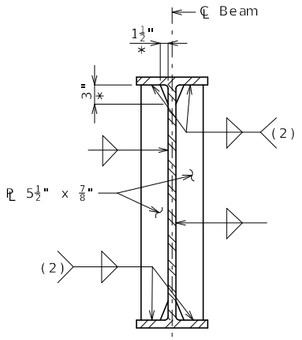

TYPICAL PART SECTION SHOWING
INTERMEDIATE DIAPHRAGM
CONN. TO EXIST. BEAMS




TYPICAL PART SECTION SHOWING
INTERMEDIATE DIAPHRAGMS AND CROSS FRAMES




INTERMEDIATE DIAPHRAGM
CONNECTION PLATE



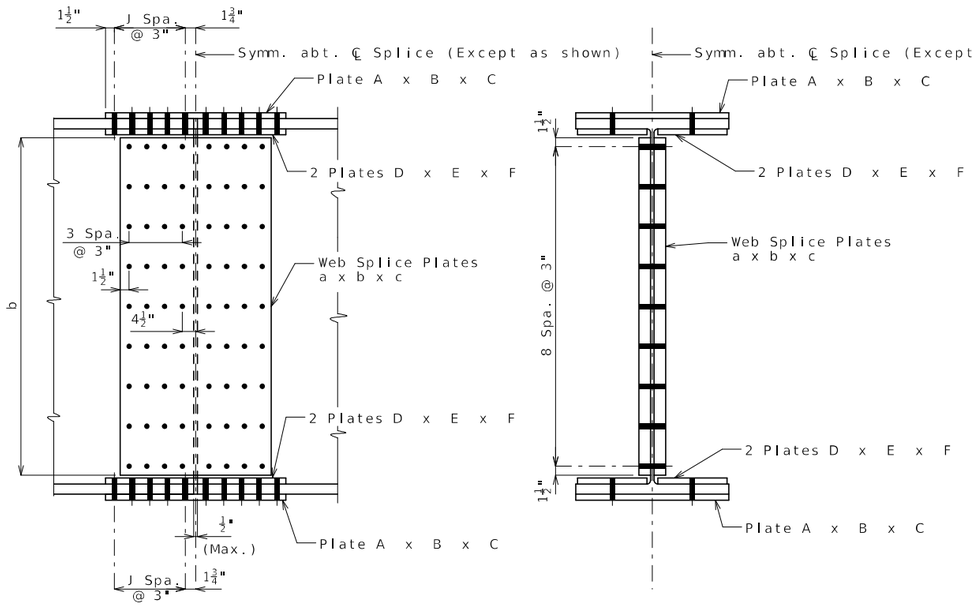

BEARING STIFFENER
(DIAPHRAGM OR ATTACHED)

## WELDING DETAILS

(1) Tight fit

(2) Grind or mill to bear.

* Typical for all intermediate diaphragm connection plates and bearing stiffeners.

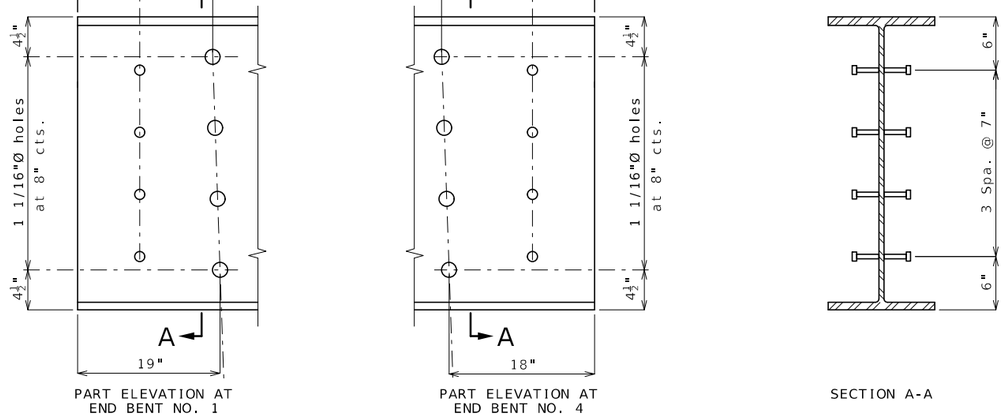



## DETAIL OF BOLTED FIELD SPLICE

Bolts shall be 7/8-inch diameter ASTM F3125 Grade A325 Type 1 in 15/16-inch diameter holes.

Contact surfaces shall be in accordance with Sec 1081 for surface preparation.

| TABLE OF DIMENSIONS (IN.) - FIELD SPLICE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | A | B | C | D | E | F | J | a | b | c |
| SP1 | 11.5 | 0.5 | 30.5 | 3.5 | 0.75 | 30.5 | 4 | 25.5 | 27 | 0.5625 |
| | | | | | | | | | | |
| | | | | | | | | | | |




PART ELEVATION AT
END BENT NO. 1

PART ELEVATION AT
END BENT NO. 4

SECTION A-A

## DETAIL OF REINFORCING HOLES FOR WIDE FLANGE BEAMS

Notes:

Weight of 2661 pounds of shear connectors is included in weight of Fabricated Structural Low Alloy Steel (I-Beam) A709, Grade 50.

Shear connectors shall be in accordance with Sec 712, 1037 & 1080.

Fabricated structural steel shall be ASTM A709, Grade 50, except as noted.

Longitudinal dimensions are horizontal from centerline bearing to centerline bearing.

At the contractor's option, holes in the diaphragm plate of non slab bearing diaphragms may be made 3/16" larger than the nominal diameter of the bolt. A hardened washer shall be used under the bolt head and nut when this option is used. Holes in the beam diaphragm connection plate or transverse web stiffener shall be standard size.

# STEEL DETAILS


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DISTRICT BR | SHEET NO. 13
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE


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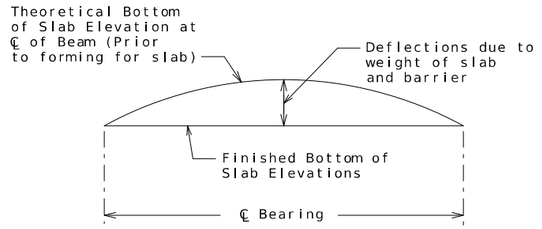
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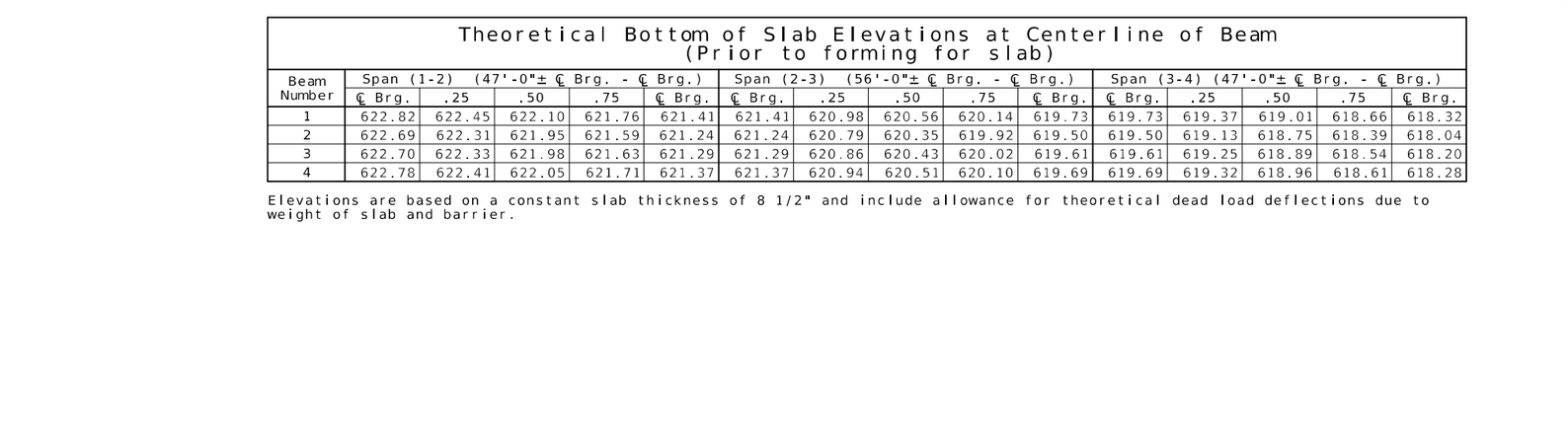
## Theoretical Bottom of Slab Elevations at Centerline of Beam (Prior to forming for slab)

| Beam Number | Span (1-2) (47'-0"± ℄ Brg. - ℄ Brg.) | | | | | Span (2-3) (56'-0"± ℄ Brg. - ℄ Brg.) | | | | | Span (3-4) (47'-0"± ℄ Brg. - ℄ Brg.) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ℄ Brg. | .25 | .50 | .75 | ℄ Brg. | ℄ Brg. | .25 | .50 | .75 | ℄ Brg. | ℄ Brg. | .25 | .50 | .75 | ℄ Brg. |
| 1 | 622.82 | 622.45 | 622.10 | 621.76 | 621.41 | 621.41 | 620.98 | 620.56 | 620.14 | 619.73 | 619.73 | 619.37 | 619.01 | 618.66 | 618.32 |
| 2 | 622.69 | 622.31 | 621.95 | 621.59 | 621.24 | 621.24 | 620.79 | 620.35 | 619.92 | 619.50 | 619.50 | 619.13 | 618.75 | 618.39 | 618.04 |
| 3 | 622.70 | 622.33 | 621.98 | 621.63 | 621.29 | 621.29 | 620.86 | 620.43 | 620.02 | 619.61 | 619.61 | 619.25 | 618.89 | 618.54 | 618.20 |
| 4 | 622.78 | 622.41 | 622.05 | 621.71 | 621.37 | 621.37 | 620.94 | 620.51 | 620.10 | 619.69 | 619.69 | 619.32 | 618.96 | 618.61 | 618.28 |

Elevations are based on a constant slab thickness of 8 1/2" and include allowance for theoretical dead load deflections due to weight of slab and barrier.



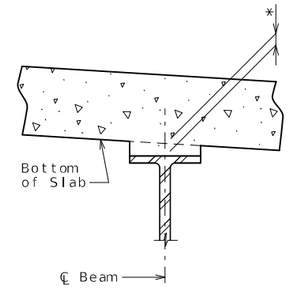

TYPICAL SLAB ELEVATIONS DIAGRAM




DEAD LOAD DEFLECTION

16% of dead load deflection is due to the weight of structural steel for Beams No. 1 & 4.
15% of dead load deflection is due to the weight of structural steel for Beams No. 2 & 3.

Dead load deflection includes weight of structural steel, concrete slab, and barrier.




THEORETICAL SLAB HAUNCH

* Slab is to be considered at a uniform thickness as shown on the plans. Haunching will vary. No payment will be made for any adjustment in forming or additional concrete required for variation in haunching.

The contractor shall determine haunching based off on field measurements, existing bridge plans and/or adjusted dead load deflections based on the difference between the new and existing dead load weights

In order to properly form the haunches for the new deck, the contractor shall survey top of deck elevations above each girder or beam including centerline of roadway and along each girder or beam line (top or bottom flange) after deck removal.

Payment for the described work will be considered completely covered by the lump sum price of Bridge No. A01532.

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
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ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 14
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

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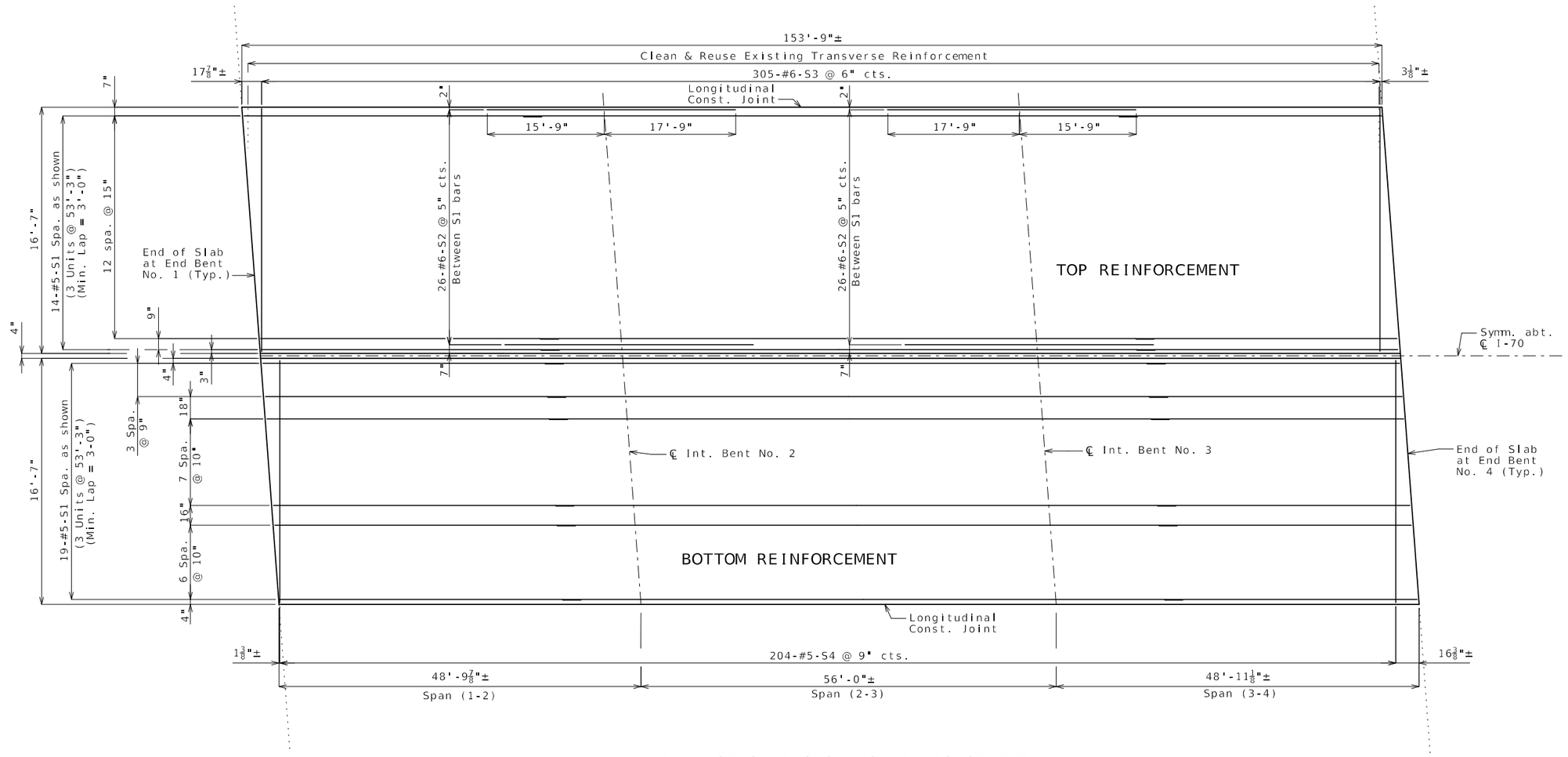

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pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_014_JST0017B_Camber Haunch.dgn 8:54:26 AM 11/19/2025

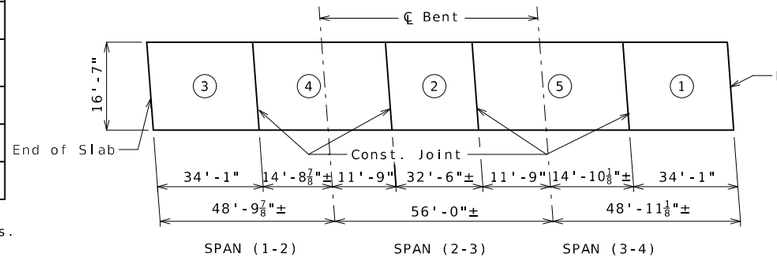



PLAN OF SLAB SHOWING REINFORCEMENT

| | Sequence of Pours | | | | | Min. Rate of Pour Cu. Yds./Hr. | |
|---|---|---|---|---|---|---|---|
| | Direction | | | | | With Retarder | No Retarder |
| Basic Sequence | 1 | 2 | 3 | 4 | 5 | 25 | 25 |
| | Either Direction | | | | | | |
| Alternate pours to the basic skip sequence are subject to the approval of the engineer in accordance with Sec 703. | | | | | | | |
| Alternate A Pours | 1 | | 5 + 2 | | 4 + 3 | 25 | 25 |
| | End to 5 | | 1 to 4 | | 2 to End | | |
| Alternate B Pours | 1 + 5 + 2 | | | 4 + 3 | | 25 | 25 |
| | End to 4 | | | 2 to End | | | |
| Alternate C Pours | 1 + 5 + 2 + 4 + 3 | | | | | 25 | 25 |
| | End to End | | | | | | |

The contractor shall pour and satisfactorily finish the slab pours at the rate given. Retarder, if used, shall be an approved type and retard the set of concrete to 2.5 hours.

SLAB POURING SEQUENCE




Notes;

Longitudinal slab dimensions are measured horizontally.

For Section Through Slab, see Sheet No. 16.

For Theoretical Bottom of Slab Elevations, see Sheet No. 14.

For details and reinforcement of Type D Barrier not shown, see Sheet No. 19.

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



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| DISTRICT | SHEET NO. |
| BR | 15 |

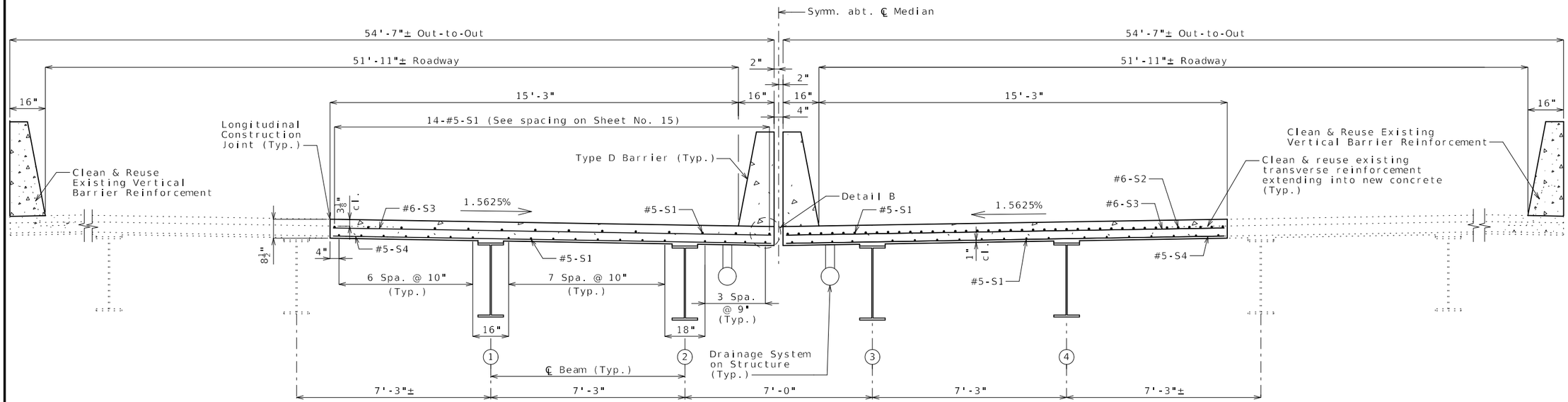
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PROJECT NO.
BRIDGE NO. A01532

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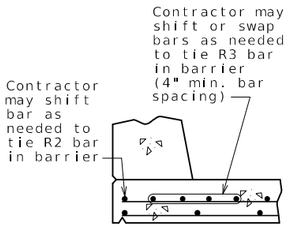
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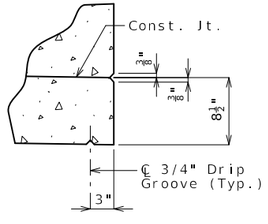



SECTION THRU SLAB NEAR END & MIDSPAN

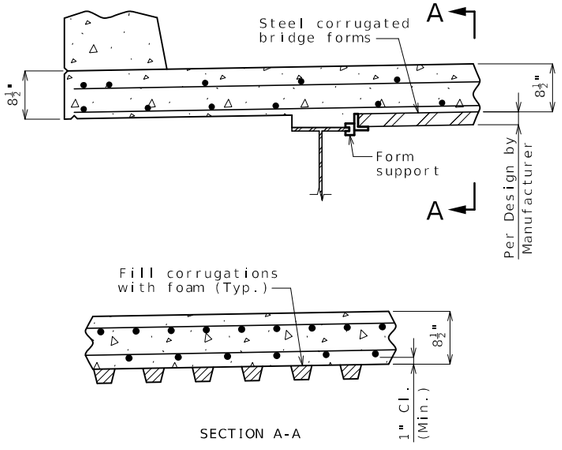
SECTION THRU SLAB NEAR INT. BENTS




OPTIONAL SHIFTING TOP BARS AT BARRIER




DETAIL B




OPTIONAL STAY-IN-PLACE FORM DETAILS

Stay-In-Place Forms:

Corrugated steel forms, supports, closure elements and accessories shall be in accordance with grade requirement and coating designation G165 of ASTM A653. Complete shop drawings of the permanent steel deck forms shall be required in accordance with Sec 1080.

Corrugations of stay-in-place forms shall be filled with an expanded polystyrene material. The polystyrene material shall be placed in the forms with an adhesive in accordance with the manufacturer's recommendations.

Form sheets shall not rest directly on the top of beam flanges. Sheets shall be securely fastened to form supports with a minimum bearing length of one inch on each end. Form supports shall be placed in direct contact with the flange. Drilling holes in the beam flanges will not be permitted. All steel fabrication and construction shall be in accordance with Sec 1080 and 712. Certified field welders will not be required for welding of the form supports.

The design of stay-in-place corrugated steel forms is per manufacturer which shall be in accordance with Sec 703 for false work and forms. Maximum actual weight of corrugated steel forms allowed shall be 4 psf assumed for beam loading.

Notes:

For details of barriers not shown, see Sheets No. 19 thru 22.

For Plan of Slab Showing Reinforcment, see Sheet No. 15.

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| BR | 16 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

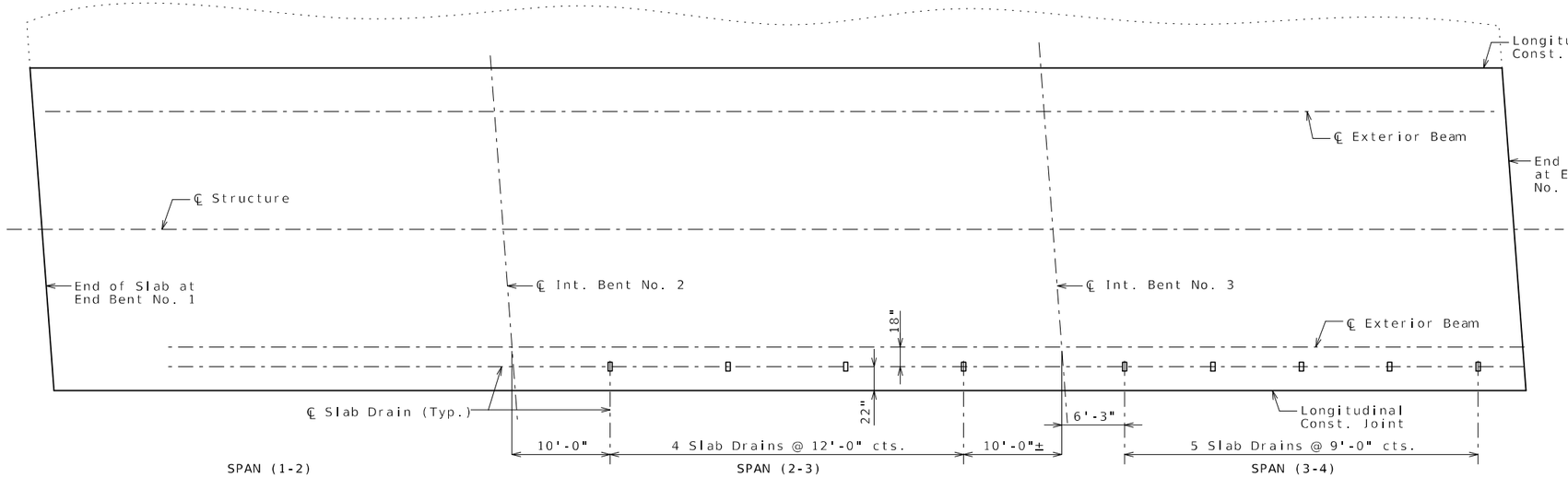
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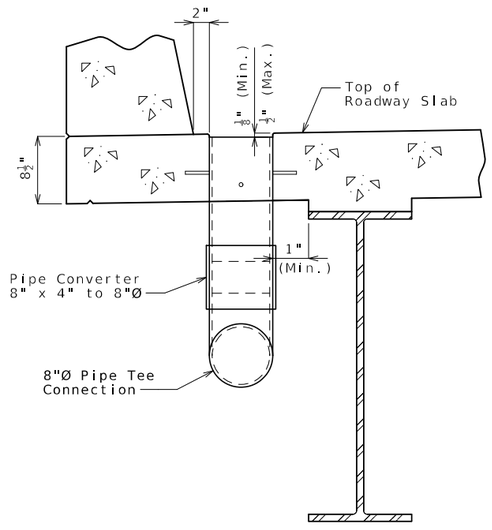
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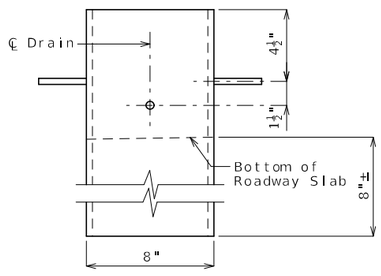



PLAN OF SLAB SHOWING SLAB DRAIN LOCATIONS

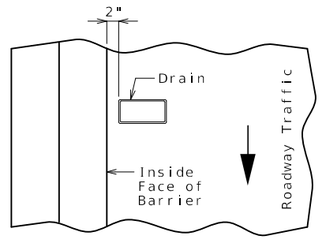
(West bound shown, east bound similar by mirror image.)



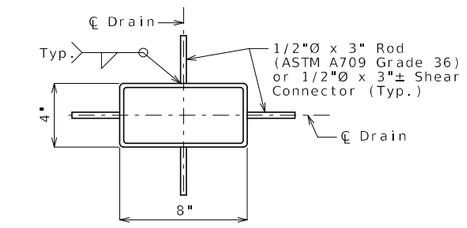

PART SECTION NEAR DRAIN



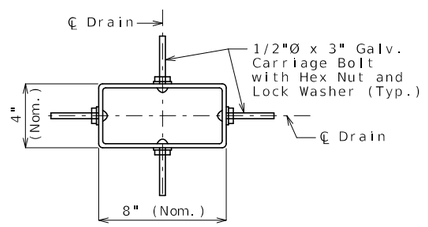

ELEVATION OF DRAIN




PART PLAN OF SLAB AT DRAIN




PLAN OF STEEL DRAIN OPTION




PLAN OF FRP DRAIN OPTION

# SLAB DRAINS

## General Notes:

Contractor shall have the option to construct either steel or FRP slab drains. All drains shall be of same type.

Slab drain bracket assembly shall be ASTM A709 Grade 36 steel.

Locate drains in slab by dimensions shown in Part Section Near Drain.

Reinforcing steel shall be shifted to clear drains.

The bracket assembly shall be galvanized in accordance with ASTM A123.

All bolts, hardened washers, lock washers and nuts shall be galvanized in accordance with AASHTO M 232 (ASTM A153), Class C.

All 1/2-inch diameter bolts shall be ASTM A307, except as shown.

Shop drawings will not be required for the slab drains and the bracket assembly.

Work this sheet with Sheet No. 18.

## Notes for Steel Drain:

Slab drains may be fabricated of either 1/4-inch welded sheets of ASTM A709 Grade 36 steel or from 1/4-inch structural steel tubing ASTM A500 or A501.

Outside dimensions of drains are 8" x 4".

The drains shall be galvanized in accordance with ASTM A123.

## Notes for FRP Drain:

Drains shall be machine filament-wound thermosetting resin tubing meeting the requirements of ASTM D2996 with the following exceptions:

Shape of drains shall be rectangular with outside nominal dimensions of 8" x 4".

Minimum reinforced wall thickness shall be 1/4 inch.

The resin used shall be ultraviolet (UV) resistant and/or have UV inhibitors mixed throughout. Drains may have an exterior coating for additional UV resistance.

The color of the slab drain shall be gray (Federal Standard #26373). The color shall be uniform throughout the resin and any coating used.

The combination of materials used in the manufacture of the drains shall be tested for UV resistance in accordance with ASTM D4329 Cycle A. The representative material shall withstand at least 500 hours of testing with only minor discoloration and without any physical deterioration. The contractor shall furnish the results of the required ultraviolet testing prior to acceptance of the slab drains.

At the contractor's option, drains may be field cut. The method of cutting FRP slab drain shall be as recommended by the manufacturer to ensure a smooth, chip free cut.

Work this sheet with Sheet No. 18.

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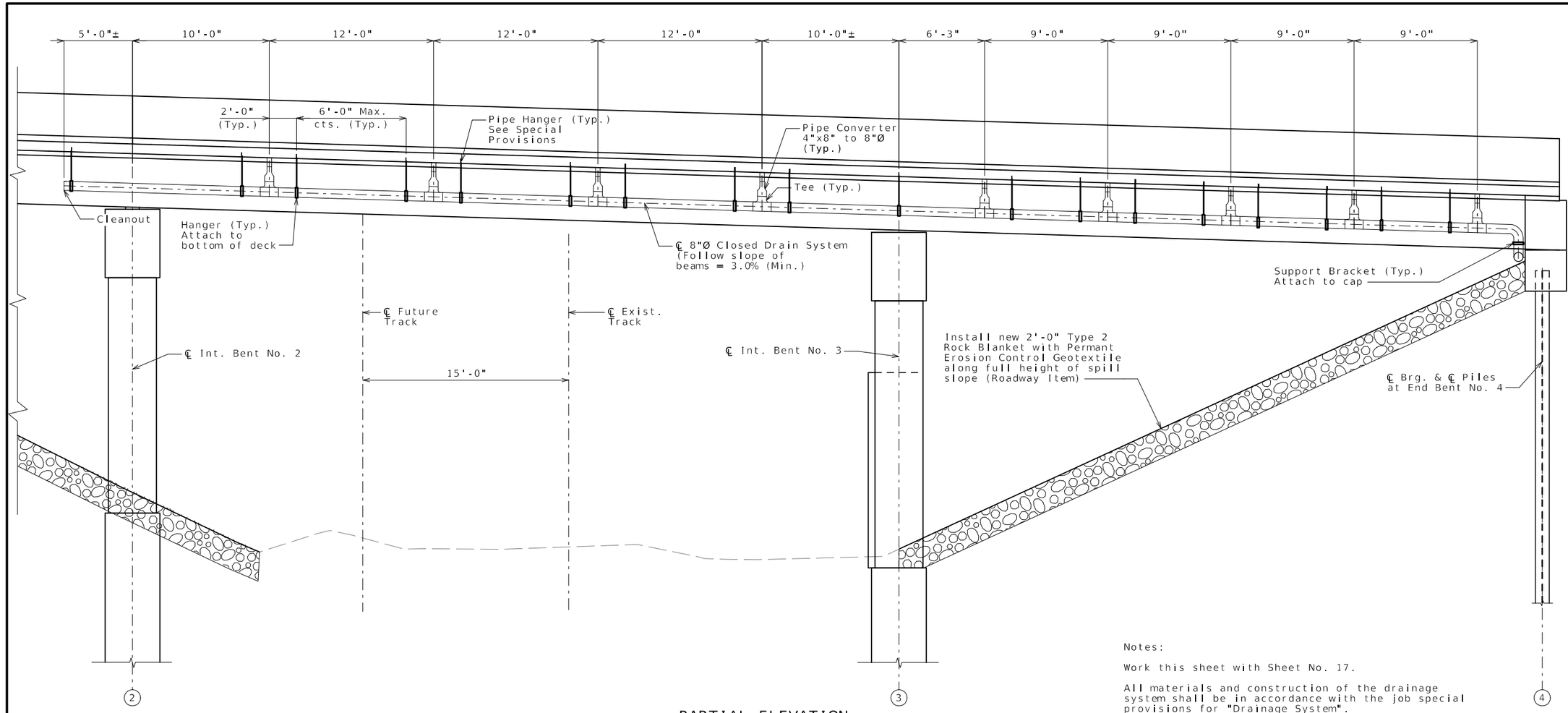
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ROUTE I-70 | STATE MO
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COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

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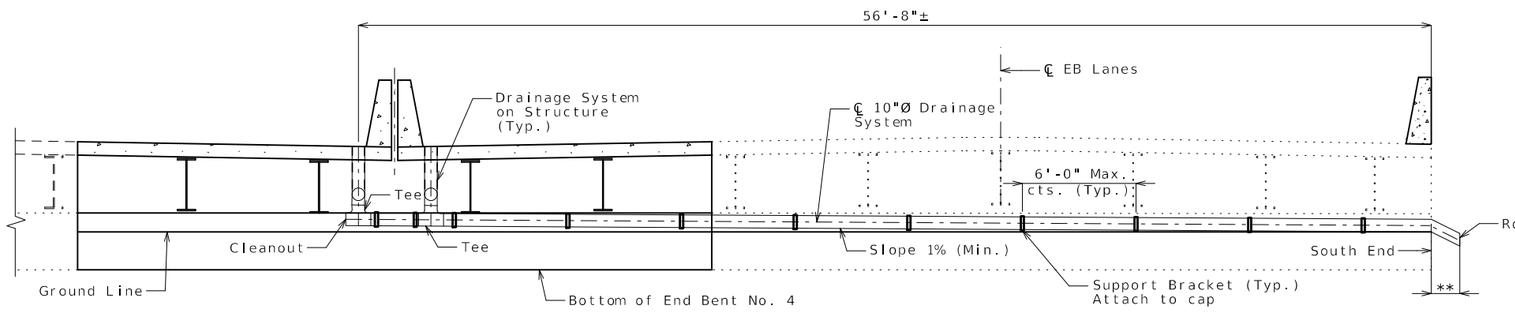

## PARTIAL ELEVATION

(View of Girder 2 looking North, Girder 3 looking South similar)

Notes:

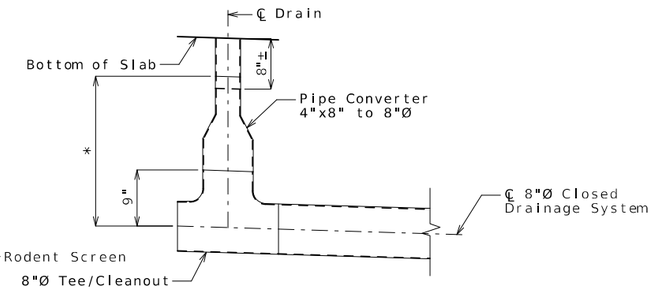
Work this sheet with Sheet No. 17.

All materials and construction of the drainage system shall be in accordance with the job special provisions for "Drainage System".




## PARTIAL ELEVATION OF END BENT NO. 4

** Extend 2'-0" min. past end of end bent and drain onto splash block.




* Minimum needed to fit pipe converter plus tee/cleanout.

## PART SECTION NEAR CLEANOUT

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|---|---|
| BR | 18 |

COUNTY: COOPER

JOB NO.: JST0017B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.: A01532

DESCRIPTION | DATE

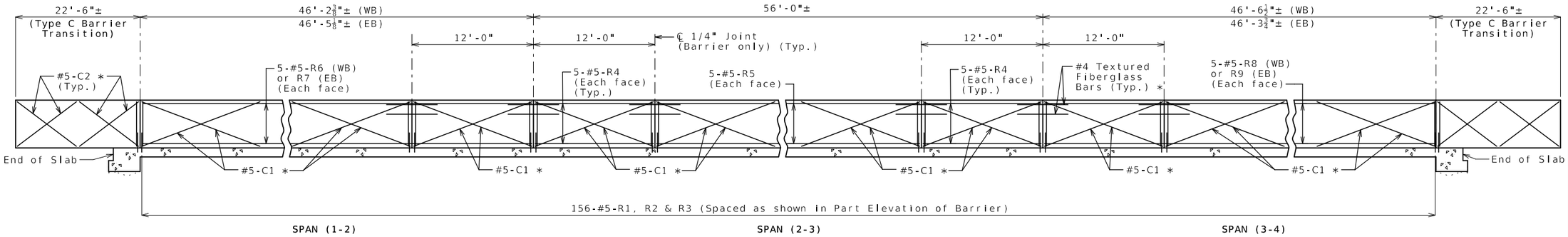
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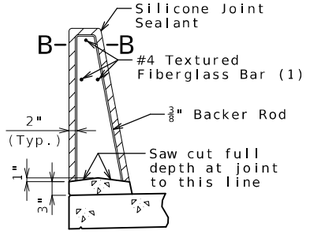
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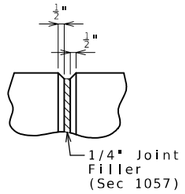

## ELEVATION OF BARRIER

(EB bridge shown, WB bridge similar, except as shown)

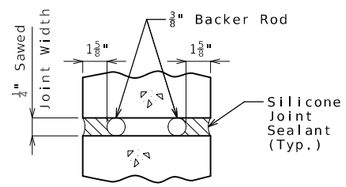
Longitudinal dimensions are horizontal.



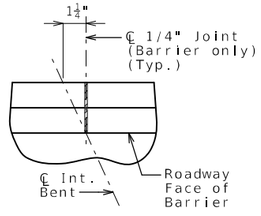

SECTION THRU SAW CUT JOINT



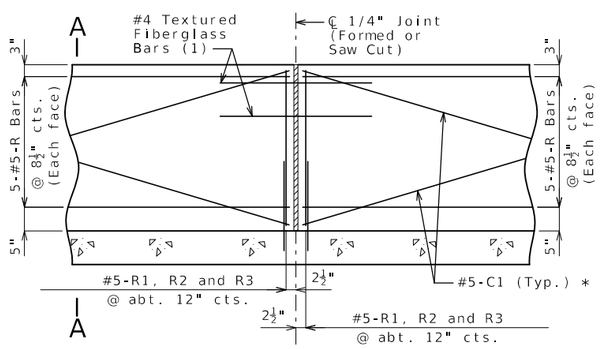

PART ELEVATION AT FORMED JOINT




SECTION B-B

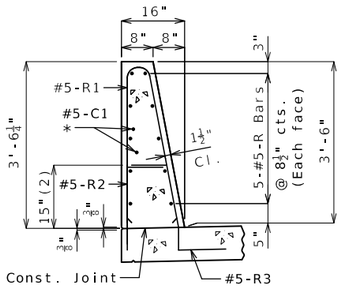



PART PLAN SHOWING JOINT LOCATION




PART ELEVATION OF BARRIER

(1) Four feet long, centered on joint, slip-formed option only

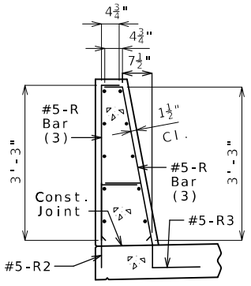



SECTION A-A

Use a minimum lap of 2'-6" for #5 horizontal barrier bars.

The cross-sectional area above the slab is 3.52 square feet.

(2) To top of bar




R-BAR PERMISSIBLE ALTERNATE SHAPE

(3) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)

### General Notes:

* Slip-formed option only.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints (except at end bents) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532.

Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab to the limits shown.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Concrete traffic barrier delineators will be considered completely covered by the lump sum price for Bridge No. A01532.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.

# TYPE D BARRIER (INTERIOR)

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COUNTY COOPER

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CONTRACT ID.

PROJECT NO.

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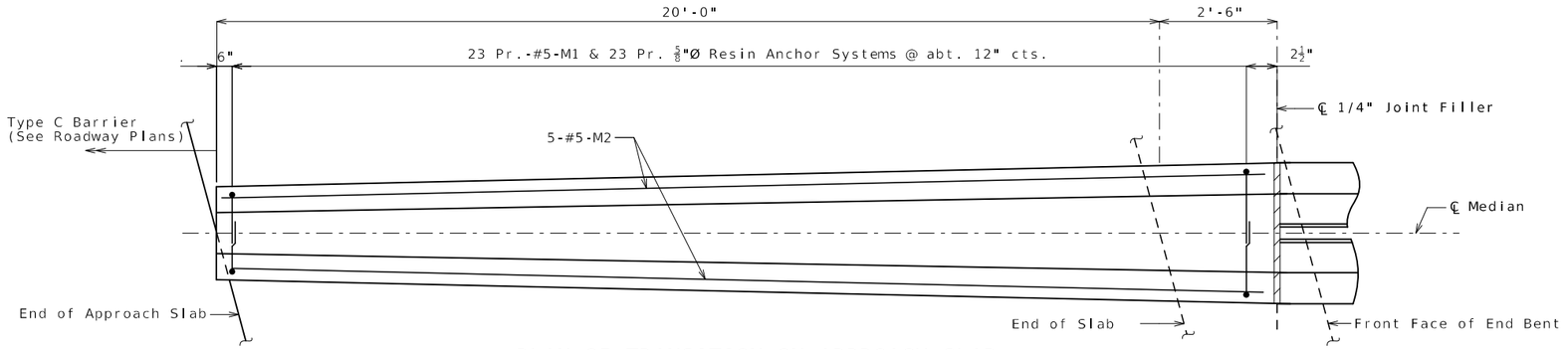
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Note: This drawing is not to scale. Follow dimensions.

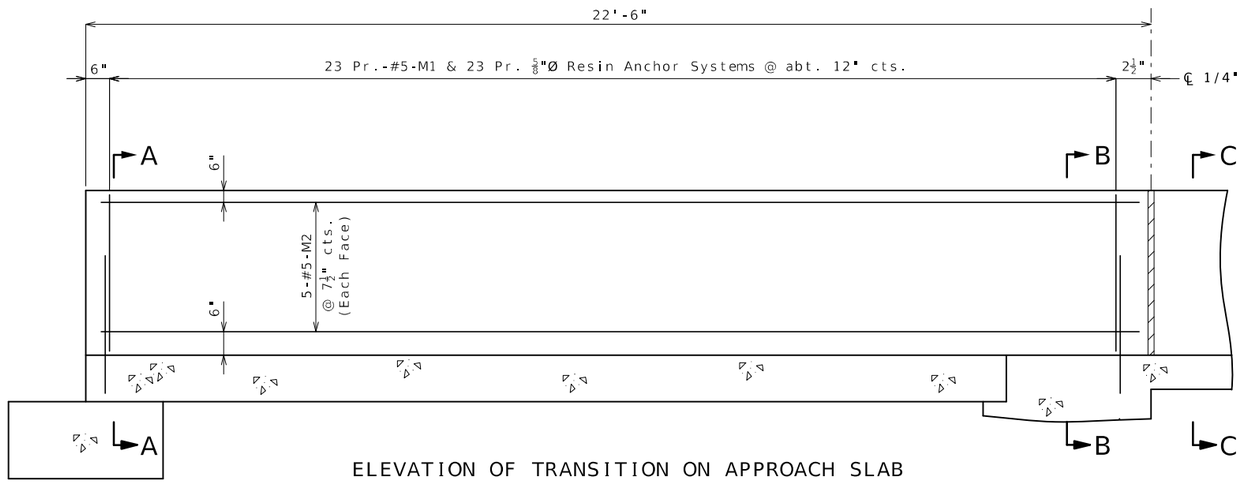


pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_019_JST0017B_BAR01_D_elev_7 Interior.dgn 2:29:35 PM 11/13/2025

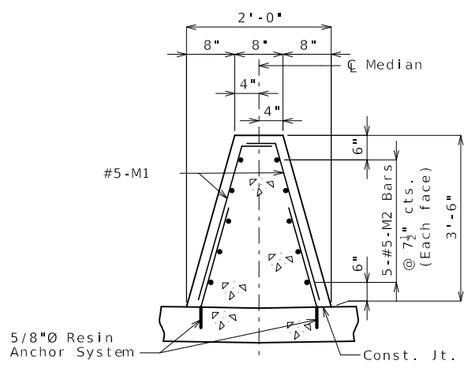



PLAN OF TRANSITION ON APPROACH SLAB

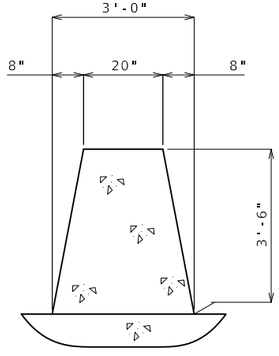
Note: M2 bars not shown for clarity.



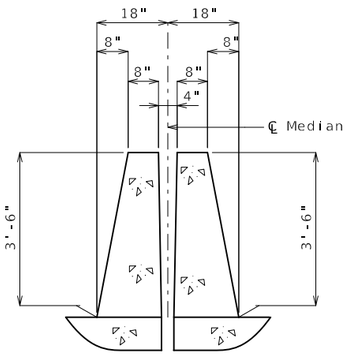

ELEVATION OF TRANSITION ON APPROACH SLAB



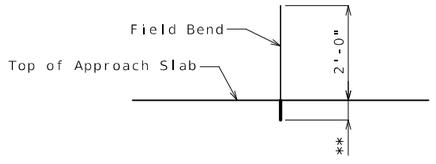

SECTION A-A




SECTION B-B




SECTION C-C




RESIN ANCHOR SYSTEM

(92 required)

** Manufacturer's embedment length (5" minimum)

Notes:

Top of barrier shall be built parallel to grade with barrier joints normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be completely covered by the lump sum price for Bridge No. A01532.

Concrete in the barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot, measured along the top of slab at centerline median from end of bridge approach slab to end of bridge slab at both ends of bridge.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the lump sum price for Bridge No. A01532.

The contractor shall use one of the qualified resin anchor systems in accordance with 1039.

Cost of furnishing and installing the resin anchor system, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8-inch diameter threaded rod.

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 11/13/2025
ROUTE: I-70 | STATE: MO
DISTRICT: BR | SHEET NO.: 20
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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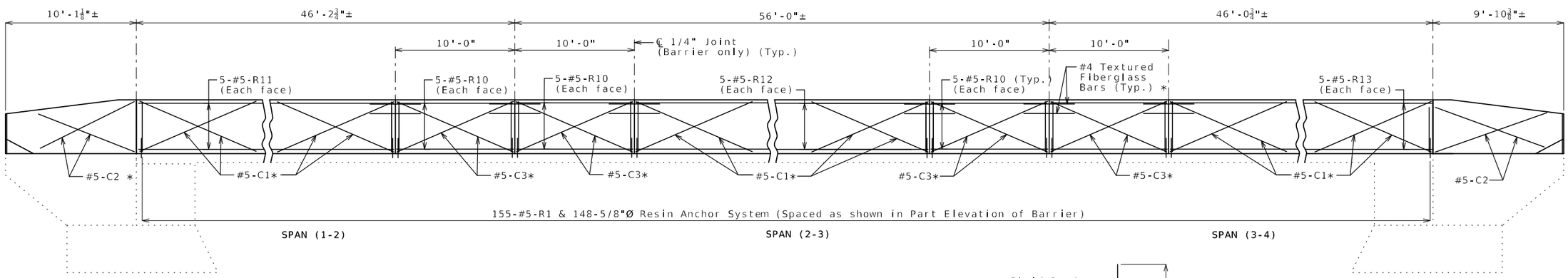
# MEDIAN BARRIER CURB TRANSITION (TYPE C)

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



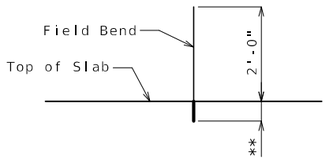
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## ELEVATION OF BARRIER

(Left barrier shown, right barrier similar)

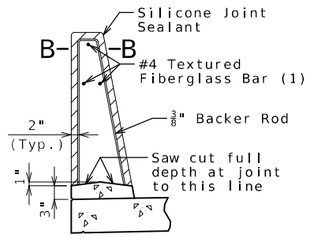
Longitudinal dimensions are horizontal.



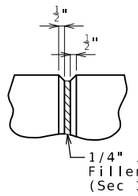

## RESIN ANCHOR SYSTEM

(296 required)

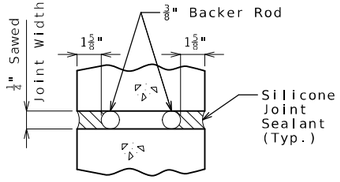
** Manufacturer's embedment length (5" minimum)



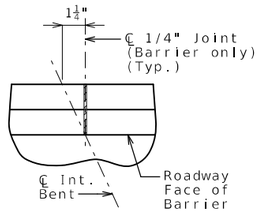

## SECTION THRU SAW CUT JOINT

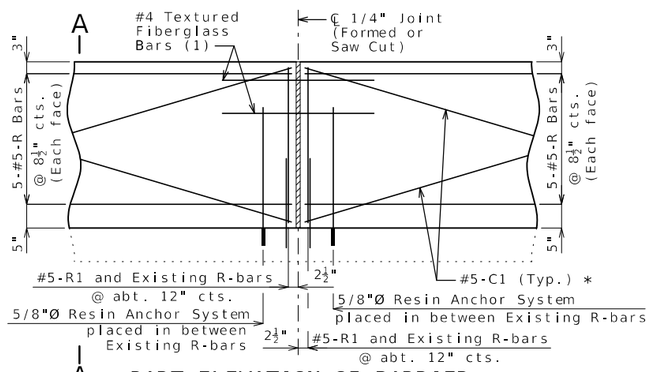



## PART ELEVATION AT FORMED JOINT



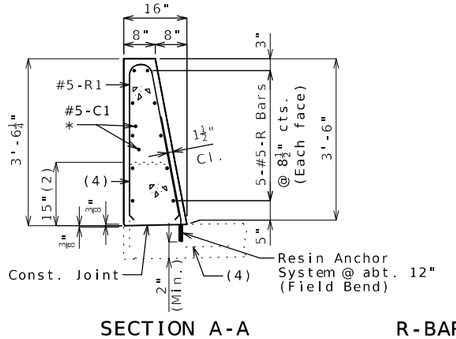

## SECTION B-B




## PART ELEVATION OF BARRIER

(1) Four feet long, centered on joint, slip-formed option only

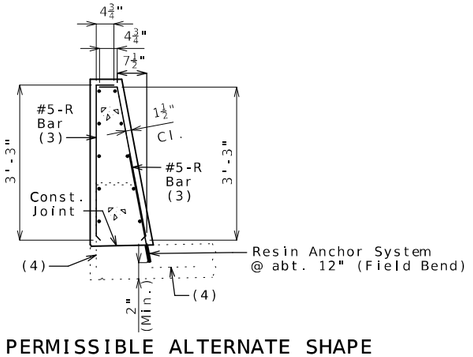



## SECTION A-A

Use a minimum lap of 2'-6" for #5 horizontal barrier bars.

The cross-sectional area above the slab is 3.52 square feet.

(2) To top of bar




## R-BAR PERMISSIBLE ALTERNATE SHAPE AND OPTIONAL ANCHORING SYSTEM

(3) The R1 bar may be separated into two bars as shown, at the contractor's option, only when slip forming is not used. (All dimensions are out to out.)

(4) Clean and re-use existing R-bars.

## General Notes:

* Slip-formed option only.

Conventional forming or slip forming may be used. Saw cut joints may be used with conventional forming.

Top of barrier shall be built parallel to grade and barrier joints (except at end bents) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532

Concrete in barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of wing to end of wing.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Concrete traffic barrier delineators will be considered completely covered by the lump sum price for Bridge No. A01532

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

For slip-formed option, both sides of barrier shall have a vertically broomed finish and the top shall have a transversely broomed finish.

The contractor shall use one of the qualified resin anchor systems in accordance with 1039.

Cost of furnishing and installing the resin anchor system, complete-in-place, will be considered completely covered by the lump sum price for Bridge No. A01532.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be the required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8-inch diameter threaded rod. as shown, at the contractor's option.

# TYPE D BARRIER (EXTERIOR)

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/19/2025

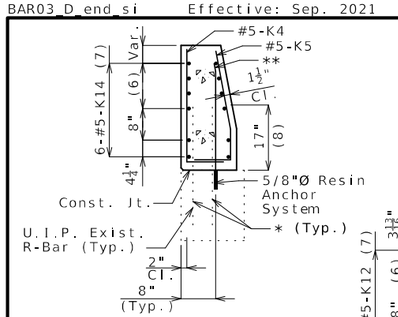
| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| BR | 21 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

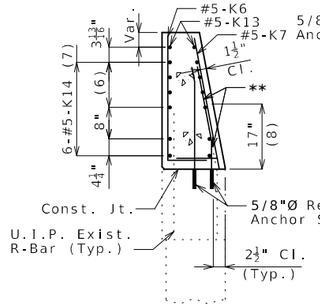
| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

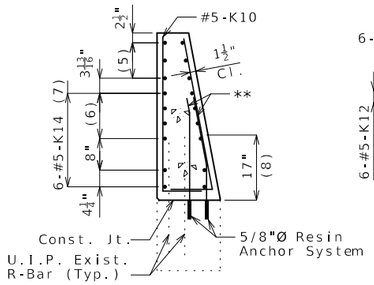
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
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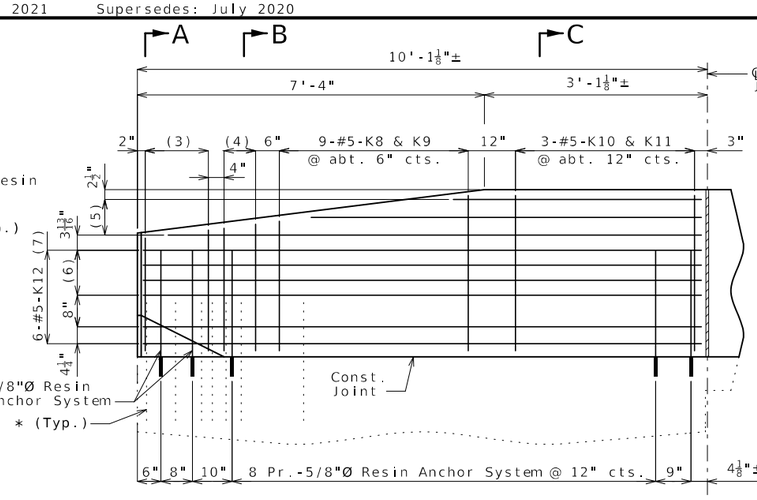

SECTION A-A

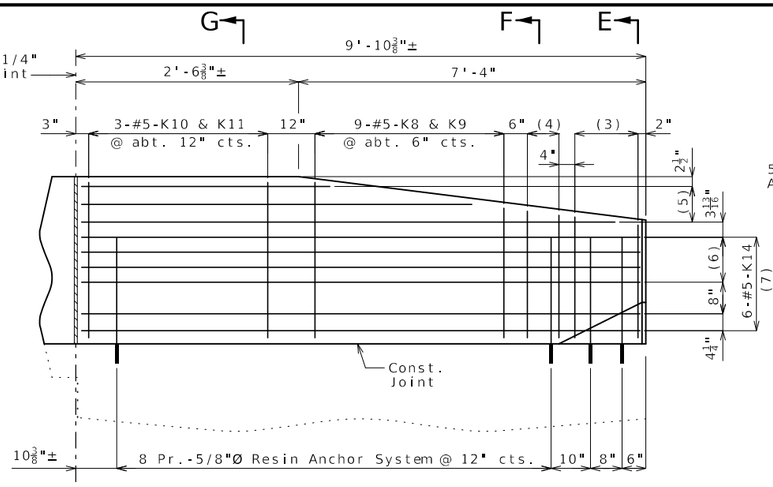



SECTION B-B

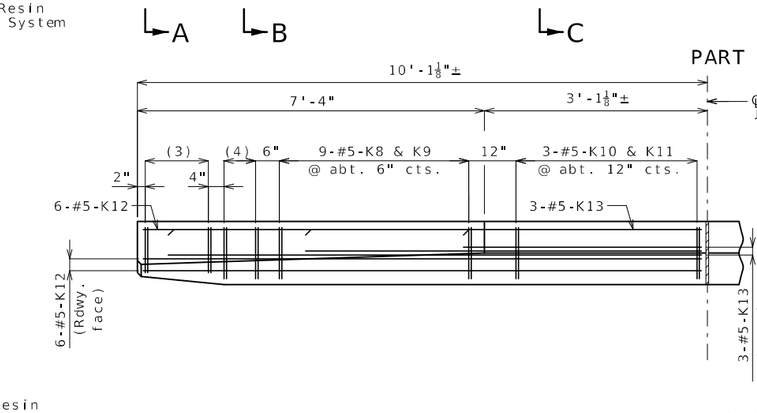


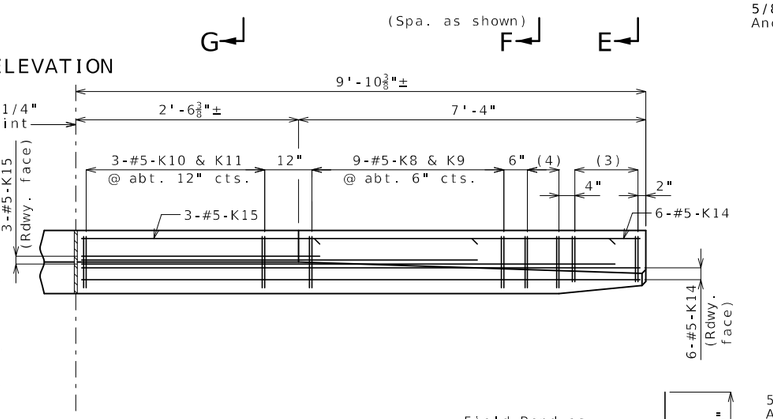

SECTION C-C




PART ELEVATION



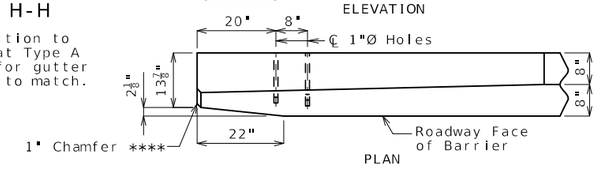




PART PLAN




SECTION H-H

**** Transition to zero at Type A curb for gutter lines to match.




DETAILS OF GUARD RAIL ATTACHMENT

## General Notes:

**Reinforcing Steel:**

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Concrete traffic barrier delineators will be considered completely covered by the lump sum price for Bridge No. A01532.

Minimum clearance to reinforcing steel shall be 1 1/2" except as shown for bars embedded into end bent.

(3) 5-#5-K4 & K5 @ 4" cts.

(4) 3-#5-K6 & K7 @ 4" cts.

(5) 3-#5-K13 or K15 @ 4½" cts., each face

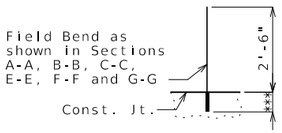
(6) 3 spaces @ 3 13/16"

(7) Spaced as shown, each face

(8) To top of bar

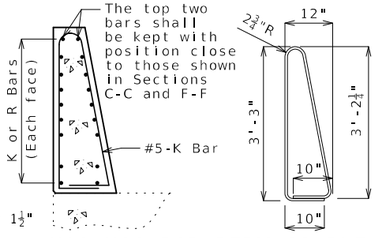
* Clean and re-use existing barrier vertical reinforcement.

** Field bend bar as necessary to clear face of barrier by 1½"




RESIN ANCHOR SYSTEM
(38 required)

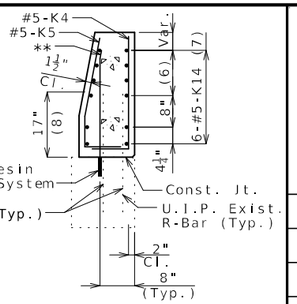
*** Manufacturer's recommended embedment length into sound concrete (5" min.)



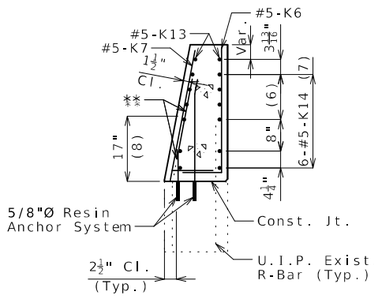

K10-K11 BAR PERMISSIBLE ALTERNATE SHAPE
(Other K bars not shown for clarity)

The K10-K11 bar combination may be furnished as one bar as shown, at the contractor's option.

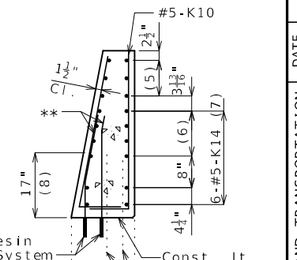
All dimensions are out to out.




SECTION E-E




SECTION F-F




SECTION G-G

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/13/2025

ROUTE I-70 | STATE MO

DISTRICT BR | SHEET NO. 22

COUNTY COOPER

JOB NO. JST0017B

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A01532

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

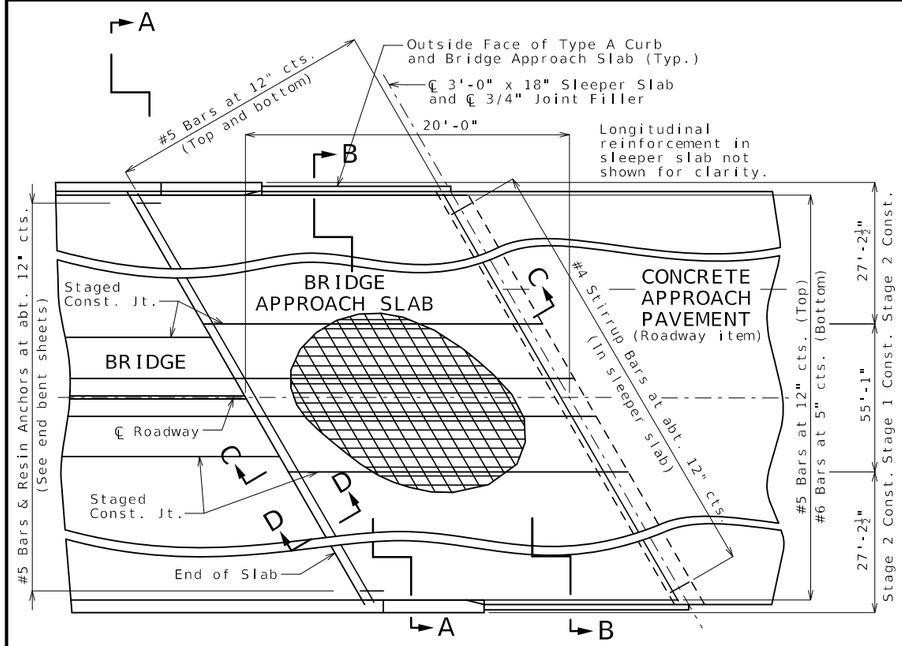
Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
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# TYPE D BARRIER AT END BENTS (EXTERIOR)

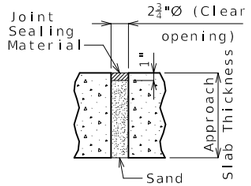
(Left barrier shown, right barrier similar)

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.

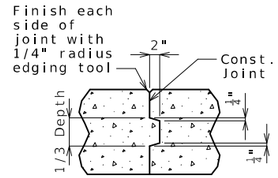



PART PLAN SHOWING REINFORCEMENT

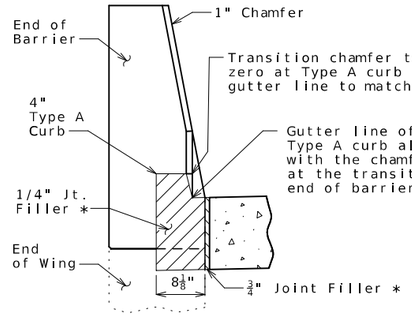



UNDERSEAL ACCESS HOLE DETAIL

(If required)




CONSTRUCTION JOINT DETAIL




SECTION BETWEEN CURB AND BARRIER

## General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with fy = 60,000 psi.

Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 24 inches for #5 bars and 40 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710. (Estimated 96 splices per slab)

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.

For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 609.00 for details of Type A curb.

Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532.

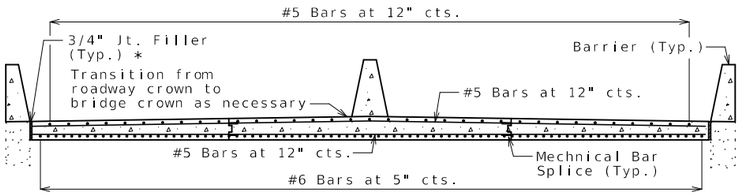
The contractor shall use one of the qualified resin anchor systems in accordance with 1039.

Cost of furnishing and installing the resin anchor system, complete in place, will be considered completely covered by the lump sum price for Bridge No. A01532.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor system shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5 inches.

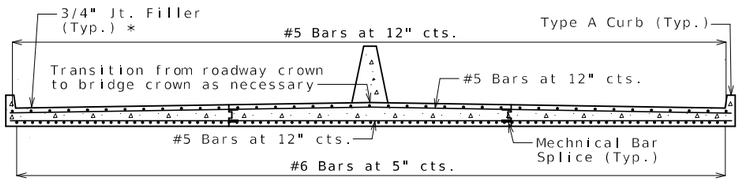
An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8-inch diameter threaded rod.

* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

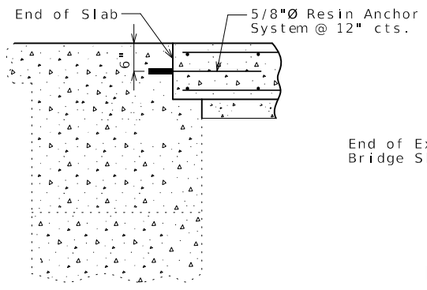



SECTION A-A

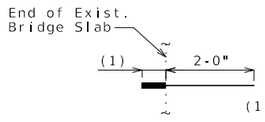
With the approval of the engineer, the contractor may crown the bottom of the approach slab to match the crown of the roadway surface.




SECTION B-B

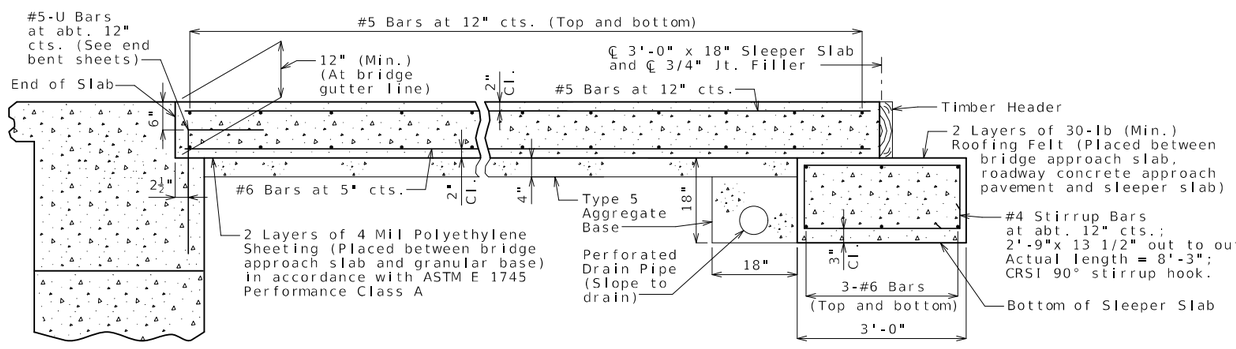



SECTION D-D

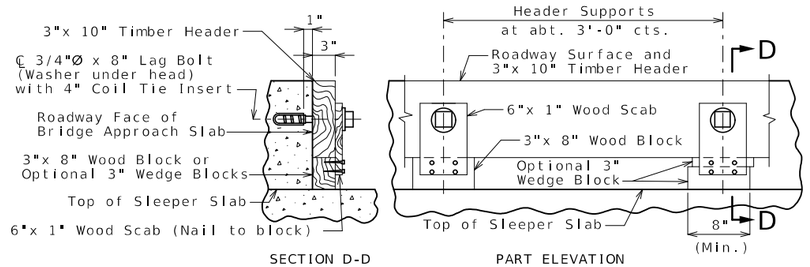



DETAILS OF RESIN ANCHOR SYSTEM

(Estimate 148 Req'd)




SECTION C-C




SECTION D-D PART ELEVATION

DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.

# BRIDGE APPROACH SLAB (MAJOR)

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 11/19/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| BR | 23 |

COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM

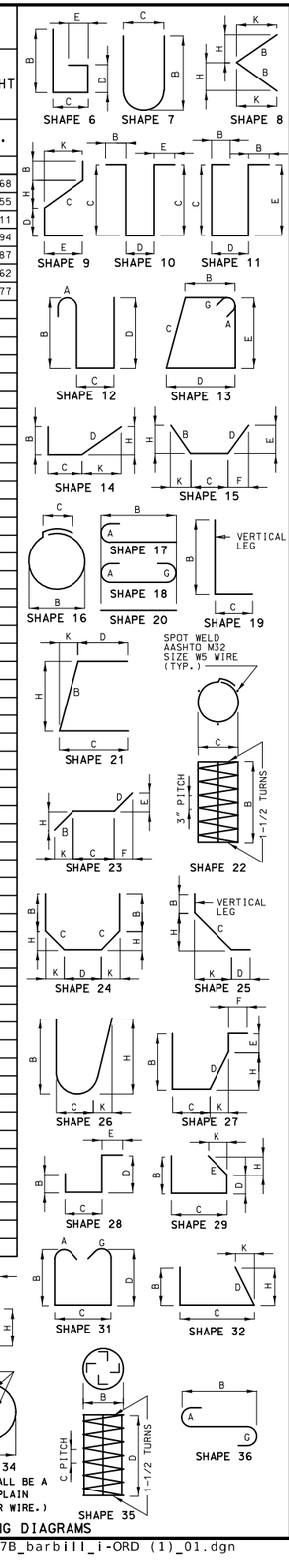
# BILL OF REINFORCING STEEL

| NO. REQ'D. | MARK NO. SIZE | MARK NO. MARK | LOCATION | EPOXY (E) | SHAPE NO. | STIRRUP (S) | SUBSTR. (X) | VARIES (V) | NO. EACH | DIMENSIONS B FT. | B IN. | C FT. | C IN. | D FT. | D IN. | E FT. | E IN. | F FT. | F IN. | H FT. | H IN. | K FT. | K IN. | NOMINAL LENGTH FT. | NOMINAL LENGTH IN. | ACTUAL LENGTH FT. | ACTUAL LENGTH IN. | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | INT. BT. 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | H200 | BEAM | | 20 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 24 | 9 | 24 | 9 | 529 |
| 8 | 8 | H201 | BEAM | | 18 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 26 | 7 | 26 | 7 | 568 |
| 6 | 6 | H202 | BEAM | | 20 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 24 | 9 | 24 | 9 | 223 |
| 10 | 6 | H203 | BEAM | | 10 | S | X | | | | | 12.000 | | 3 | 7.875 | | | | | | | | | 5 | 8 | 5 | 4 | 80 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 4 | P200 | SHAFT | | 16 | | X | | | 2 | 6.000 | 2 | 0.000 | | | | | | | | | | | 9 | 9 | 9 | 9 | 716 |
| 40 | 4 | P201 | COLUMN | | 16 | | X | | | 2 | 9.000 | 2 | 0.000 | | | | | | | | | | | 10 | 6 | 10 | 6 | 281 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 5 | U200 | BEAM | | 13 | S | X | | | 3 | 3.000 | 3 | 9.000 | 3 | 3.000 | 3 | 9.000 | | | | | | | 14 | 11 | 14 | 7 | 517 |
| 6 | 5 | U201 | BEAM | | 10 | S | X | | | | | 3 | 9.000 | 3 | 3.000 | | | | | | | | | 10 | 9 | 10 | 7 | 66 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 9 | V200 | SHAFT | | 20 | | X | | | 54 | 0.000 | | | | | | | | | | | | | 54 | 0 | 54 | 0 | 8078 |
| 44 | 9 | V201 | SHAFT/COL. | | 20 | | X | | | 8 | 0.000 | | | | | | | | | | | | | 8 | 0 | 8 | 0 | 1197 |
| 44 | 9 | V202 | COLUMN | | 20 | | X | | | 22 | 3.000 | | | | | | | | | | | | | 22 | 3 | 22 | 3 | 3329 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | W5 | W200 | A.B. WELL | | 22 | | X | | | | 15.000 | | 9.000 | | | | | | | | | | | 23 | 0 | 23 | 0 | 31 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | INT. BT. 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | H300 | BEAM | | 20 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 24 | 9 | 24 | 9 | 529 |
| 8 | 8 | H301 | BEAM | | 18 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 26 | 7 | 26 | 7 | 568 |
| 6 | 6 | H302 | BEAM | | 20 | | X | | | 24 | 9.000 | | | | | | | | | | | | | 24 | 9 | 24 | 9 | 223 |
| 10 | 6 | H303 | BEAM | | 10 | S | X | | | | | 12.000 | | 3 | 7.875 | | | | | | | | | 5 | 8 | 5 | 4 | 80 |
| 10 | 6 | H304 | COLL. WALL | | 20 | | X | | | 40 | 3.000 | | | | | | | | | | | | | 40 | 3 | 40 | 3 | 605 |
| 18 | 5 | H305 | COLL. WALL | | 20 | | X | | | 40 | 3.000 | | | | | | | | | | | | | 40 | 3 | 40 | 3 | 756 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 4 | P300 | SHAFT | | 16 | | X | | | 2 | 6.000 | 2 | 0.000 | | | | | | | | | | | 9 | 9 | 9 | 9 | 834 |
| 48 | 4 | P301 | COLUMN | | 16 | | X | | | 2 | 9.000 | 2 | 0.000 | | | | | | | | | | | 10 | 6 | 10 | 6 | 337 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 5 | U300 | BEAM | | 13 | S | X | | | 3 | 3.000 | 3 | 9.000 | 3 | 3.000 | 3 | 9.000 | | | | | | | 14 | 11 | 14 | 7 | 517 |
| 6 | 5 | U301 | BEAM | | 10 | S | X | | | | | 3 | 9.000 | 3 | 3.000 | | | | | | | | | 10 | 9 | 10 | 7 | 66 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | 9 | V300 | SHAFT | | 20 | | X | | | 35 | 6.000 | | | | | | | | | | | | | 35 | 6 | 35 | 6 | 10622 |
| 44 | 9 | V301 | SHAFT/COL. | | 20 | | X | | | 8 | 0.000 | | | | | | | | | | | | | 8 | 0 | 8 | 0 | 1197 |
| 44 | 9 | V302 | COLUMN | | 20 | | X | | | 26 | 6.000 | | | | | | | | | | | | | 26 | 6 | 26 | 6 | 3964 |
| 56 | 5 | V303 | COLL. WALL | | 20 | | X | | | 10 | 10.000 | | | | | | | | | | | | | 10 | 10 | 10 | 10 | 633 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | W5 | W300 | A.B. WELL | | 22 | | X | | | | 15.000 | | 9.000 | | | | | | | | | | | 23 | 0 | 23 | 0 | 31 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

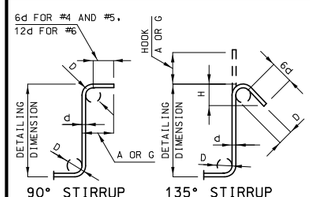
# BILL OF REINFORCING STEEL

| NO. REQ'D. | MARK NO. SIZE MARK | LOCATION | EPOXY (E) | SHAPE NO. | STIRRUP (S) | SUBSTR. (X) | VARIES (V) | NO. EACH | DIMENSIONS B FT. IN. | C FT. IN. | D FT. IN. | E FT. IN. | F FT. IN. | H FT. IN. | K FT. IN. | NOMINAL LENGTH FT. IN. | ACTUAL LENGTH FT. IN. | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 622 | 5 R1 | BARRIER | E | 26 | | | | | 3 3.000 | 5.500 | 3 3.625 | | | 3 3.000 | 6.750 | 6 9 | 6 9 | 4379 |
| 312 | 5 R2 | BARRIER | E | 19 | S | | | | 20.500 | 9.500 | | | | | | 2 6 | 2 5 | 786 |
| 312 | 5 R3 | BARRIER | E | 27 | S | | | | | 9.500 | 15.250 | 5.000 | 12.000 | 15.000 | 3.000 | 3 6 | 3 4 | 1085 |
| 80 | 5 R4 | BARRIER | E | 20 | | | | | 11 8.000 | | | | | | | 11 8 | 11 8 | 973 |
| 20 | 5 R5 | BARRIER | E | 20 | | | | | 31 8.000 | | | | | | | 31 8 | 31 8 | 661 |
| 10 | 5 R6 | BARRIER | E | 20 | | | | | 33 11.000 | | | | | | | 33 11 | 33 11 | 354 |
| 10 | 5 R7 | BARRIER | E | 20 | | | | | 34 2.000 | | | | | | | 34 2 | 34 2 | 356 |
| 10 | 5 R8 | BARRIER | E | 20 | | | | | 34 3.000 | | | | | | | 34 3 | 34 3 | 357 |
| 10 | 5 R9 | BARRIER | E | 20 | | | | | 34 0.000 | | | | | | | 34 0 | 34 0 | 355 |
| 80 | 5 R10 | BARRIER | E | 20 | | | | | 9 8.000 | | | | | | | 9 8 | 9 8 | 807 |
| 20 | 5 R11 | BARRIER | E | 20 | | | | | 35 11.000 | | | | | | | 35 11 | 35 11 | 749 |
| 20 | 5 R12 | BARRIER | E | 20 | | | | | 35 8.000 | | | | | | | 35 8 | 35 8 | 744 |
| 20 | 5 R13 | BARRIER | E | 20 | | | | | 35 9.000 | | | | | | | 35 9 | 35 9 | 746 |
| 92 | 5 M1 | BARRIER | E | 23 | S | | V | 4 | 3 3.750 | 5.000 | | | | 3 3.000 | 7.500 | 3 9 | 3 8 | |
| | | INCREMENT = | | | | | | | 3 3.750 | 17.000 | | | | 3 3.000 | 7.500 | 4 9 | 4 8 | 400 |
| | | 0.500 INCH | | | | | | | | | | | | | | | | |
| 20 | 5 M2 | BARRIER | E | 20 | | | | | 22 3.000 | | | | | | | 22 3 | 22 3 | 464 |
| | | SLIP FORM | | | | | | | | | | | | | | | | |
| 64 | 5 C1 | BARRIER | E | 20 | | | | | 12 0.000 | | | | | | | 12 0 | 12 0 | 801 |
| 24 | 5 C2 | BARRIER | E | 20 | | | | | 8 0.000 | | | | | | | 8 0 | 8 0 | 200 |
| 16 | 5 C3 | BARRIER | E | 20 | | | | | 10 0.000 | | | | | | | 10 0 | 10 0 | 167 |
| | | TOTALS | | | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | | | | 2168 |
| | 4 | | E | | | | | | | | | | | | | | | 131 |
| | 5 | | | | | | | | | | | | | | | | | 2555 |
| | 5 | | E | | | | | | | | | | | | | | | 34803 |
| | 6 | | | | | | | | | | | | | | | | | 1211 |
| | 6 | | E | | | | | | | | | | | | | | | 23740 |
| | 8 | | | | | | | | | | | | | | | | | 2194 |
| | 9 | | | | | | | | | | | | | | | | | 28387 |
| | W5 | | | | | | | | | | | | | | | | | 62 |
| | | TOTAL | | | | | | | | | | | | | | | | 36577 |
| | | TOTAL | E | | | | | | | | | | | | | | | 58674 |
| | | Slab on | | | | | | | | | | | | | | | | |
| | | Girder | | | | | | | | | | | | | | | | |
| | 4 | | E | | | | | | | | | | | | | | | 131 |
| | 5 | | E | | | | | | | | | | | | | | | 34803 |
| | 6 | | E | | | | | | | | | | | | | | | 23740 |
| | | TOTAL | | | | | | | | | | | | | | | | 58674 |
| | | Reinforcing | | | | | | | | | | | | | | | | |
| | | Steel | | | | | | | | | | | | | | | | |
| | | (Bridges) | | | | | | | | | | | | | | | | |

| NO. REQ'D. | MARK NO. SIZE MARK | LOCATION | EPOXY (E) | SHAPE NO. | STIRRUP (S) | SUBSTR. (X) | VARIES (V) | NO. EACH | DIMENSIONS B FT. IN. | C FT. IN. | D FT. IN. | E FT. IN. | F FT. IN. | H FT. IN. | K FT. IN. | NOMINAL LENGTH FT. IN. | ACTUAL LENGTH FT. IN. | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | | | | | | | | 2168 |
| | 5 | | | | | | | | | | | | | | | | | 2555 |
| | 6 | | | | | | | | | | | | | | | | | 1211 |
| | 8 | | | | | | | | | | | | | | | | | 2194 |
| | 9 | | | | | | | | | | | | | | | | | 28387 |
| | W5 | | | | | | | | | | | | | | | | | 62 |
| | | TOTAL | | | | | | | | | | | | | | | | 36577 |

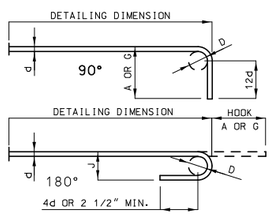



BENDING DIAGRAMS




| STIRRUP HOOK DIMENSIONS | | | | |
|---|---|---|---|---|
| GRADES 40 - 50 - 60 KSI | | | | |
| BAR SIZE | D (IN.) | 90° HOOK | 135° HOOK | |
| | | HOOK A OR G | HOOK A OR G | APPROX. H |
| #4 | 2" | 4 1/2" | 4 1/2" | 3" |
| #5 | 2 1/2" | 6" | 5 1/2" | 3 3/4" |
| #6 | 4 1/2" | 12" | 8" | 4 1/2" |

NOTE: UNLESS OTHERWISE NOTED DIAMETER "D" IS THE SAME FOR ALL BENDS AND HOOKS ON A BAR.




| END HOOK DIMENSIONS | | | | |
|---|---|---|---|---|
| BAR SIZE | D (IN.) | ALL GRADES | | |
| | | 180° HOOKS | | 90° HOOKS |
| | | A OR G | J | A OR G |
| #3 | 2 1/4" | 5" | 3" | 6" |
| #4 | 3" | 6" | 4" | 8" |
| #5 | 3 3/4" | 7" | 5" | 10" |
| #6 | 4 1/2" | 8" | 6" | 12" |
| #7 | 5 1/4" | 10" | 7" | 14" |
| #8 | 6" | 11" | 8" | 16" |
| #9 | 9 1/2" | 15" | 11 3/4" | 19" |
| #10 | 10 3/4" | 17" | 13 1/4" | 22" |
| #11 | 12" | 19" | 14 3/4" | 2'-0" |
| #14 | 18 1/4" | 2'-3" | 21 3/4" | 2'-7" |

**NOTE:**
ALL STANDARD HOOKS AND BENDS OTHER THAN 180 DEGREE ARE TO BE BENT WITH SAME PROCEDURE AS FOR 90 DEGREE STANDARD HOOKS.
HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH THE PROCEDURES AS SHOWN ON THIS SHEET.
E = EPOXY COATED REINFORCEMENT.
S = STIRRUP.
X = BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES.
V = BAR DIMENSIONS VARY IN EQUAL INCREMENTS BETWEEN DIMENSIONS SHOWN ON THIS LINE AND THE FOLLOWING LINE.
NO. EA. = NUMBER OF BARS OF EACH LENGTH.
NOMINAL LENGTHS ARE BASED ON OUT TO OUT DIMENSIONS SHOWN IN BENDING DIAGRAMS AND ARE LISTED FOR FABRICATORS USE. (NEAREST INCH)
ACTUAL LENGTHS ARE MEASURED ALONG CENTERLINE BAR TO THE NEAREST INCH.
PAYWEIGHTS ARE BASED ON ACTUAL LENGTHS.
FOUR ANGLE OR CHANNEL SPACERS ARE REQUIRED FOR EACH COLUMN SPIRAL. SPACERS ARE TO BE PLACED ON INSIDE OF SPIRALS. LENGTH AND WEIGHT OF COLUMN SPIRALS DO NOT INCLUDE SPLICES OR SPACERS.
REINFORCING STEEL (GRADE 60) FY = 60,000 PSI.

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.



STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

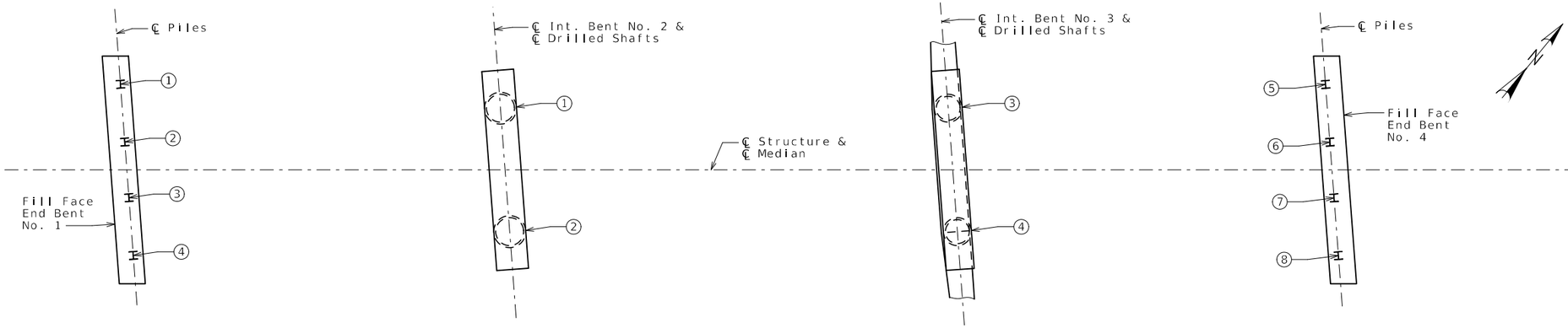
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED 11/13/2025
ROUTE I-70 | STATE MO
DISTRICT BR | SHEET NO. 25
COUNTY COOPER
JOB NO. JST0017B
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A01532

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM




PART PLAN SHOWING NUMBERING FOR RECORDING AS-BUILT PILE AND DRILLED SHAFT DATA

| As-Built Pile Data | | | |
|---|---|---|---|
| Pile No. | Length in Place (ft) | Computed Nominal Axial Compressive Resistance (kips) | Remarks |
| | | | |
| | | | End Bent No. 1 |
| 1 | | | |
| | | | |
| 2 | | | |
| | | | |
| 3 | | | |
| | | | |
| 4 | | | |
| | | | |
| | | | End Bent No. 4 |
| 5 | | | |
| | | | |
| 6 | | | |
| | | | |
| 7 | | | |
| | | | |
| 8 | | | |

| As-Built Drilled Shaft Data | | | | |
|---|---|---|---|---|
| Shaft No. | Top of Sound Rock (Elev.) | Tip of Casing (Elev.) | Bottom of Rock Socket (Elev.) | Remarks |
| | | | | |
| | | | | Int. Bent No. 2 |
| 1 | | | | |
| | | | | |
| 2 | | | | |
| | | | | |
| | | | | |
| | | | | Int. Bent No. 3 |
| 3 | | | | |
| | | | | |
| 4 | | | | |

Note:
Indicate in remarks column:
A. Pile type and grade
B. Batter
C. Driven to practical refusal

This sheet to be completed by MoDOT construction personnel.

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 11/13/2025
ROUTE: I-70 | STATE: MO
DISTRICT: BR | SHEET NO.: 26
COUNTY: COOPER
JOB NO.: JST0017B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A01532

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.

Terracon

# SUBSURFACE DIAGRAM

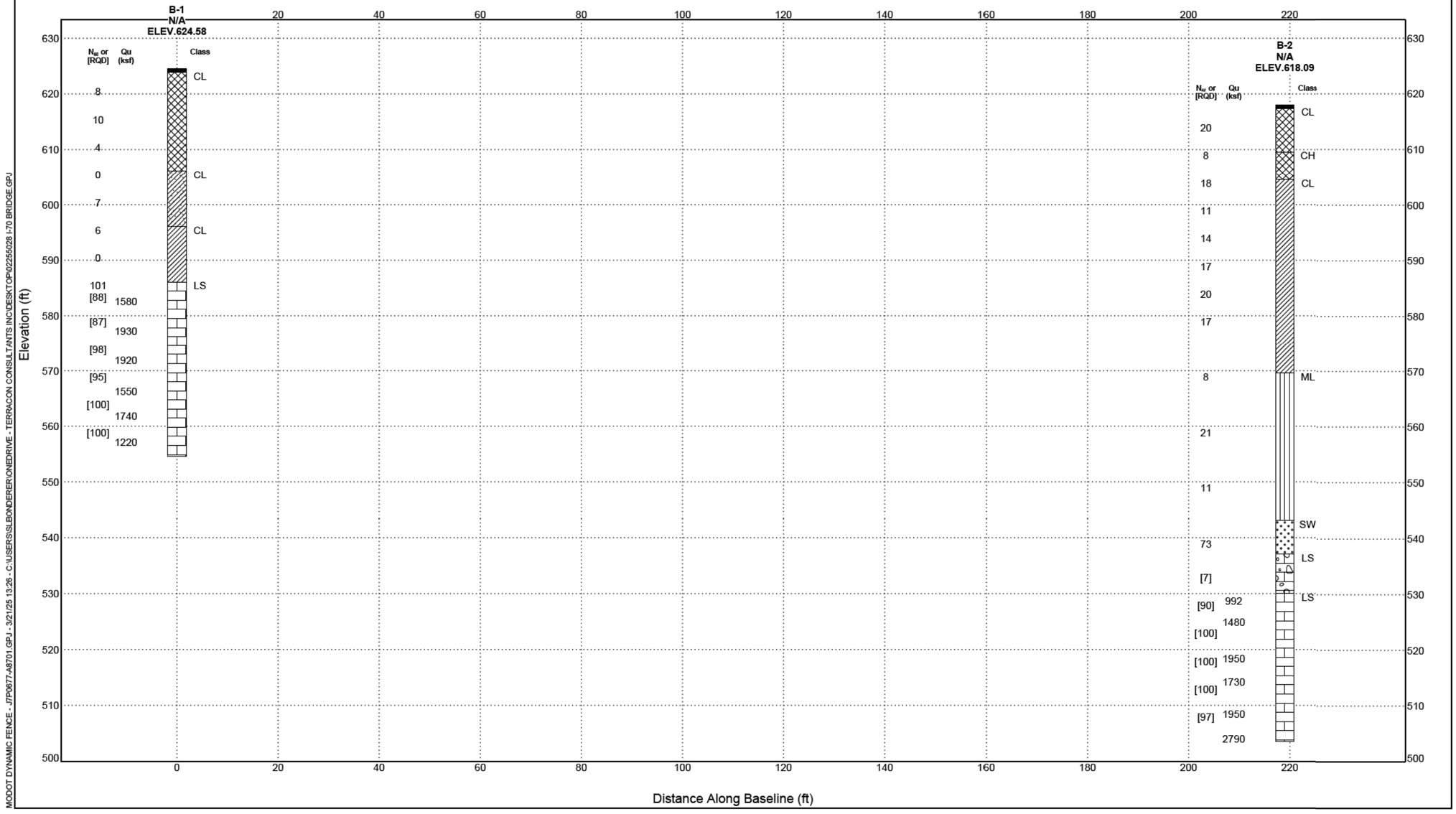
**PROJECT NAME** I-70 Widening over UPRR

**PROJECT LOCATION** I-70 over UPRR

**CLIENT** Burns & McDonnell Engineering Company Inc

**PROJECT NUMBER** 02255028

Asphalt
USCS Low Plasticity Clay
USCS Well-graded Sand
Fill (made ground)
Limestone
Highly Weathered Limestone
USCS Low Plasticity Sandy Clay
USCS Silt




## BORING DATA

Note: For locations of borings, see Sheet No. 1.

Detailed June 2025
Checked June 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 27 of 27

pw://bartwest-pw.bentley.com:bartwest-pw-04/Documents/19000/19421.H93 - Cooper County, I-70 Bid-Build/OpenRoads Designer/plan_sheets/A01532/B_A01532_027_JST0017B_BOR01_BoringLogTemplate_0.dgn

MODOT DYNAMIC FENCE - J7P0677-A8701.GPJ - 3/21/25 13:28 - C:\USERS\SLBONDERER\ONEDRIVE - TERRACON CONSULTANTS INC\DESKTOP\02255028 I-70 BRIDGE.GPJ

STATE OF MISSOURI
DAVID ANDREW STRAATMANN
NUMBER PE-2004000848
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/13/2025

| ROUTE | STATE |
|---|---|
| I-70 | MO |
| DISTRICT | SHEET NO. |
| BR | 27 |

COUNTY COOPER

JOB NO. JST0017B

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A01532

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE STREET, SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181 - FAX 573-634-7904
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM

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