

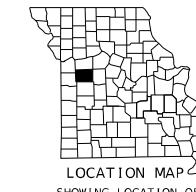
DESIGN DESIGNATION

A.A.D.T. - 2025 = 17,300
 A.A.D.T. - 2045 = 18,800
 D.H.V. = 1700
 T = 11%
 V = 65 M.P.H.

FUNCTIONAL CLASSIFICATION-EXPRESSWAY

**TEMPORARY CONSTRUCTION
 EASEMENTS REQUIRED**

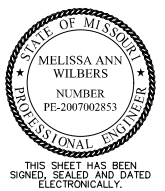
**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 PLANS FOR PROPOSED
 STATE HIGHWAY
 JOHNSON COUNTY**



NOT TO SCALE

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
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PLAN-PROFILE (PP)-----	4-10
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REFERENCE POINTS (RP)-----	18
COORDINATE POINTS (CP)-----	19
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TRAFFIC CONTROL SHEETS (TC)-----	34-72
EROSION CONTROL SHEETS (EC)-----	73-86
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SIGNING (SN)-----	93-115
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CULVERT SECTIONS (CS)-----	129-132
CROSS SECTIONS (XS)-----	1-127



DATE PREPARED
 11/19/2024

ROUTE STATE
 50 MO

DISTRICT SHEET NO.
 KC 1

COUNTY
 JOHNSON

JOB NO.
 JKR0136

CONTRACT ID.

PROJECT NO.

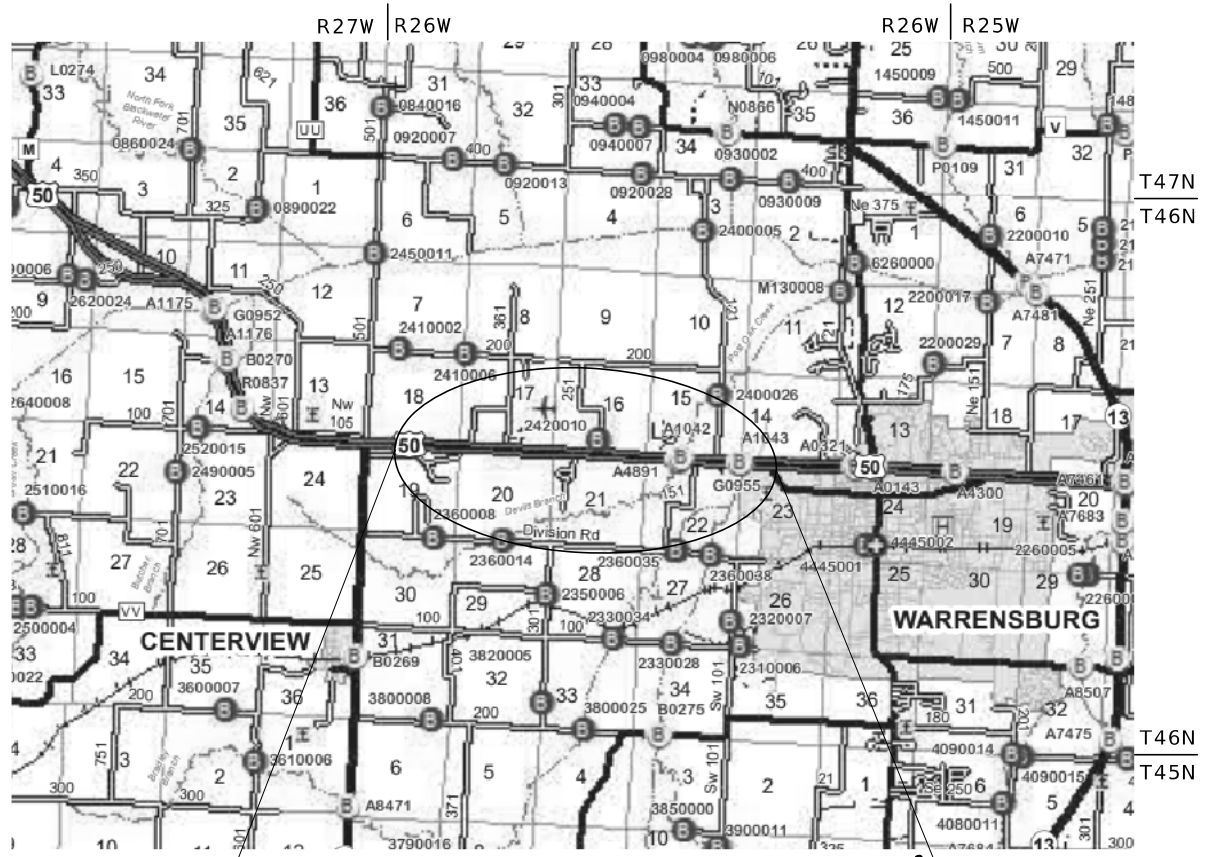
BRIDGE NO.

DESCRIPTION	DATE

**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	
OVERHEAD CABLE TV	
UNDERGROUND CABLE TV	
OVERHEAD TELEPHONE	
UNDERGROUND TELEPHONE	
OVERHEAD POWER	
UNDERGROUND POWER	
SANITARY SEWER	
STORM SEWER	
GAS	
WATER	
MANHOLE	
FIRE HYDRANT	
WATER VALVE	
WATER METER	
DROP INLET	
DITCH BLOCK	
GROUND MOUNTED SIGN	
LIGHT POLE	
H-FRAME POWER POLE	
TELEPHONE PEDESTAL	
FENCE	
CHAIN LINK	
WOVEN WIRE	
GATE POST	
BENCHMARK	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



BEGIN PROJECT STA. 993+00.00
 END PROJECT STA. 1175+00.00

**PROJECT LIMITS
 INTERSECTION IMPROVEMENTS,
 DOWNSTREAM MEDIAN OPENINGS (J-TURNS),
 GRADING, PAVING, LIGHTING, DRAINAGE**

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) SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGES REFERS.

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.

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 993+00.00
END OF PROJECT	STA. 1175+00.00
APPARENT LENGTH	18,200.00 FEET
EQUATIONS AND EXCEPTIONS:	
STA. 1021+78.52 BK = STA. 1021+79.60 AH = -1.08 FT	
STA. 1066+11.51 BK = STA. 1066+14.27 AH = -2.76 FT	
STA. 1085+14.40 BK = STA. 1085+14.67 AH = -0.27 FT	
STA. 1123+64.00 BK = STA. 1123+65.80 AH = -1.80 FT	

TOTAL CORRECTIONS	-5.91 FEET
NET LENGTH OF PROJECT	18,194.09 FEET
STATE LENGTH	3.45 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

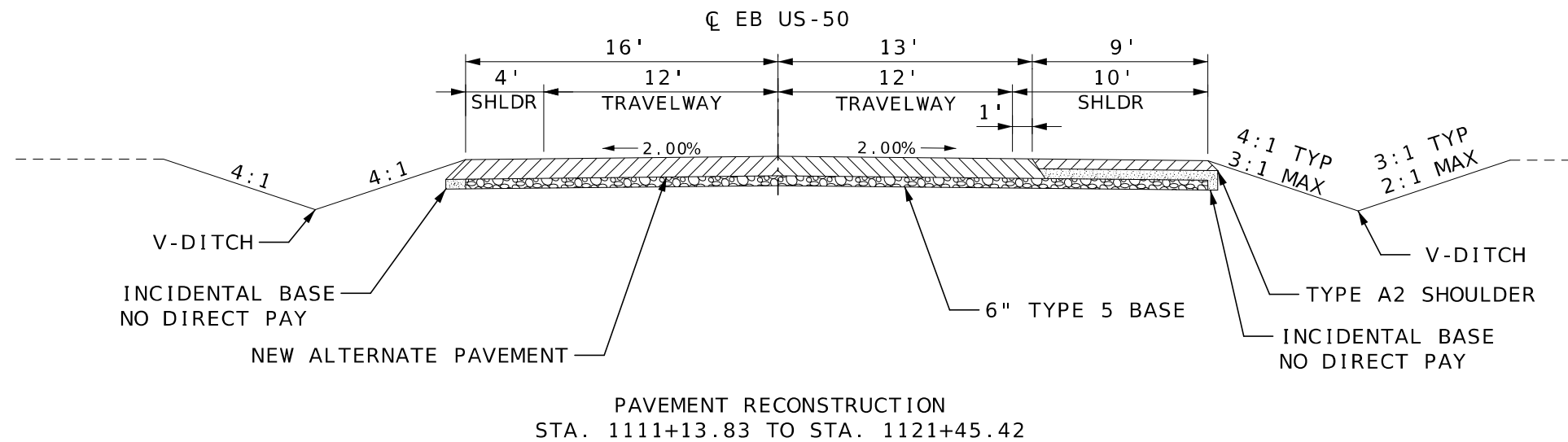
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



PAVEMENT RECONSTRUCTION
STA. 1111+13.83 TO STA. 1121+45.42

ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
12" HMA OVER 2" SP125C W/PG 70-22 OVER 8" SP250C W/PG 64-22

EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
RTE 50. TEMP. CROSSOVER	4" TYPE 5 AGGREGATE BASE	8" HMA 2" BP-1 W/ PG 64-22 OVER 6" BB W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	NA
RTE 50	6" TYPE 5 AGGREGATE BASE	12" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 8" SP250C W/PG 64-22	9.5" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.

FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

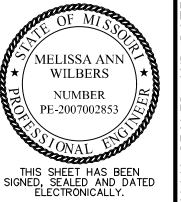
VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

(1) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION

(2) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE A- ASPHALT
TYPICAL SECTION
SHEET 1 OF 4



DATE PREPARED
1/3/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

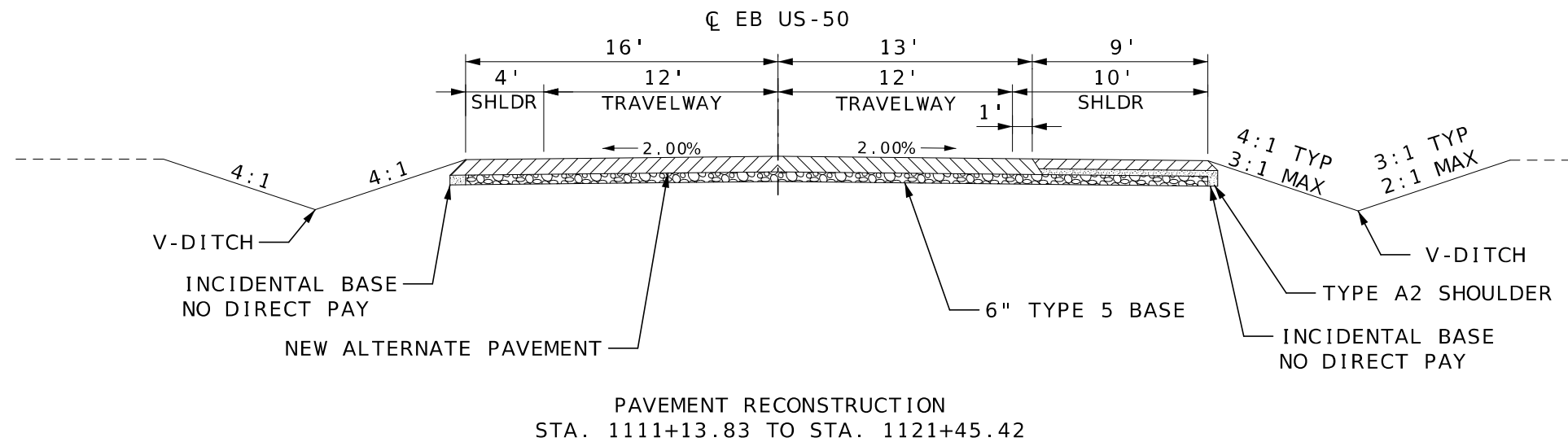
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
9.5" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS

EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
RTE 50. TEMP. CROSSOVER	4" TYPE 5 AGGREGATE BASE	8" HMA 2" BP-1 W/ PG 64-22 OVER 6" BB W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	NA
RTE 50	6" TYPE 5 AGGREGATE BASE	12" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 8" SP250C W/PG 64-22	9.5" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.

FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

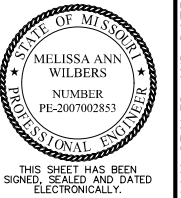
VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

(1) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION

(2) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE B-CONCRETE
TYPICAL SECTION
SHEET 1 OF 4



DATE PREPARED
1/3/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

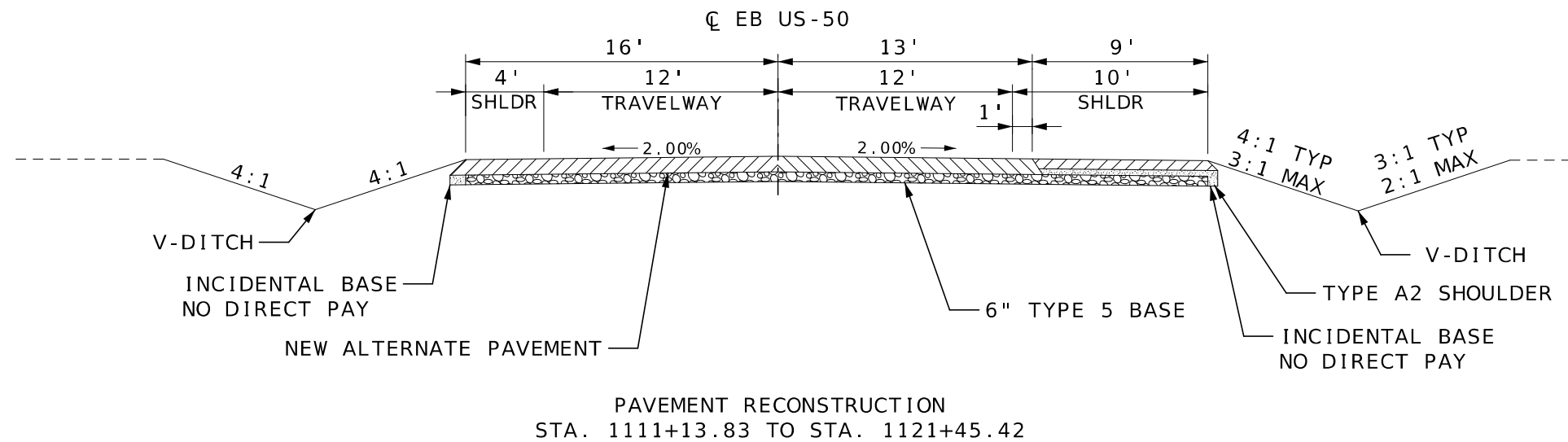
BRIDGE NO.

DESCRIPTION	DATE



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



PAVEMENT RECONSTRUCTION
STA. 1111+13.83 TO STA. 1121+45.42

ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
TYPE A2 SHOULDER

EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
RTE 50. TEMP. CROSSOVER	4" TYPE 5 AGGREGATE BASE	8" HMA 2" BP-1 W/ PG 64-22 OVER 6" BB W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	NA
RTE 50	6" TYPE 5 AGGREGATE BASE	12" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 8" SP250C W/PG 64-22	9.5" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.

FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

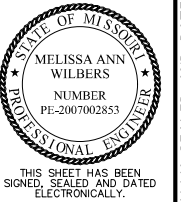
VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

(1) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION

(2) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE C-ASPHALT SHOULDER
TYPICAL SECTION
SHEET 1 OF 4



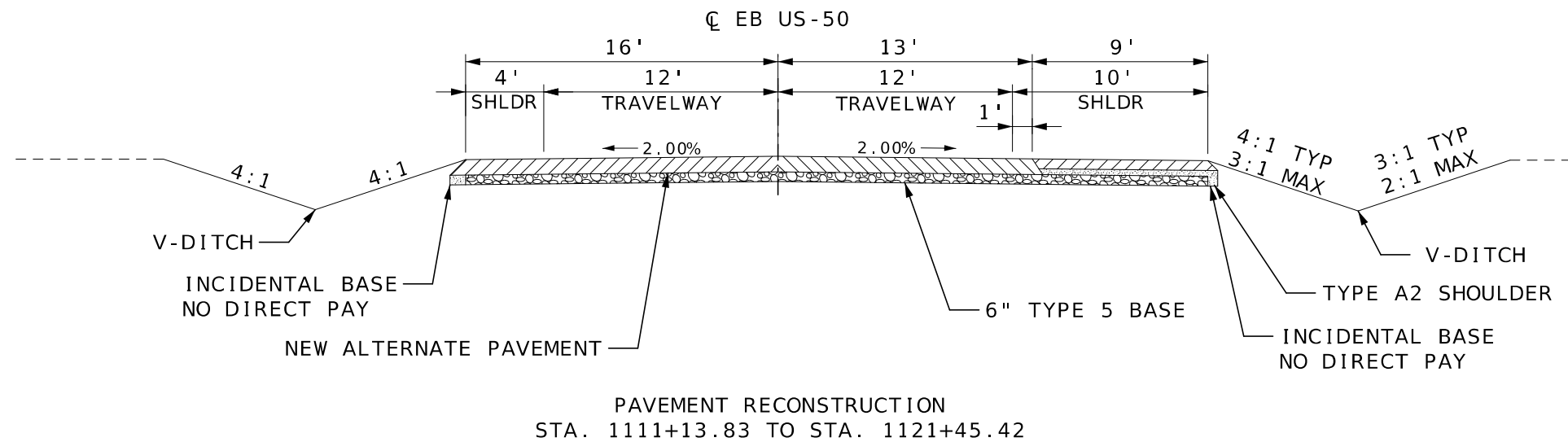
DATE PREPARED
1/3/2025
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 2
COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



PAVEMENT RECONSTRUCTION
STA. 1111+13.83 TO STA. 1121+45.42

ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
TYPE A2 SHOULDER

EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
RTE 50. TEMP. CROSSOVER	4" TYPE 5 AGGREGATE BASE	8" HMA 2" BP-1 W/ PG 64-22 OVER 6" BB W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	NA
RTE 50	6" TYPE 5 AGGREGATE BASE	12" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 8" SP250C W/PG 64-22	9.5" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

NOTES:
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FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

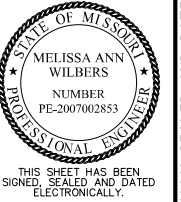
VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

(1) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION

(2) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE D-CONCRETE SHOULDER
TYPICAL SECTION
SHEET 1 OF 4



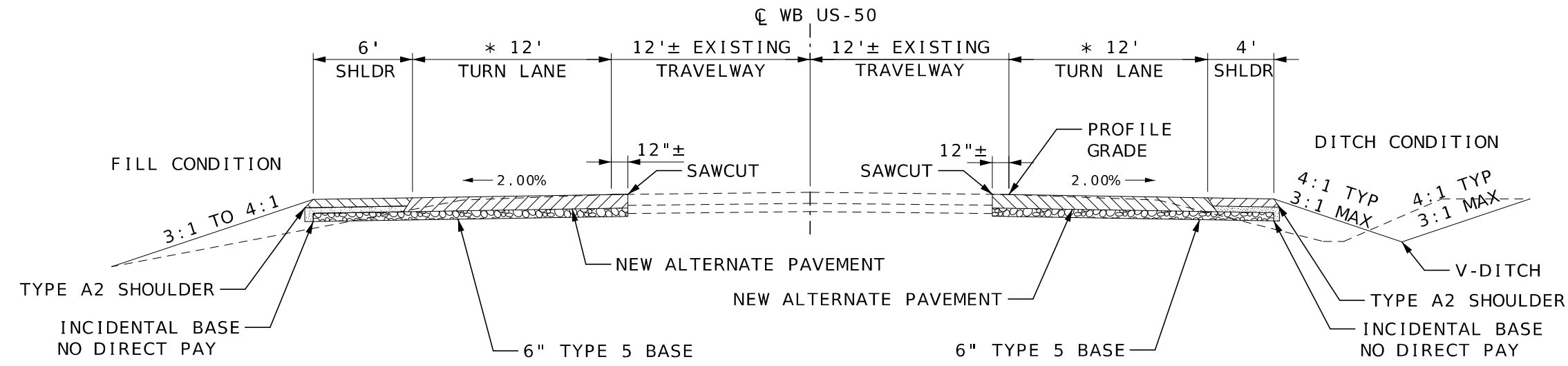
DATE PREPARED 1/3/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

WESTBOUND TYPICAL SECTION
(LOOKING EAST)



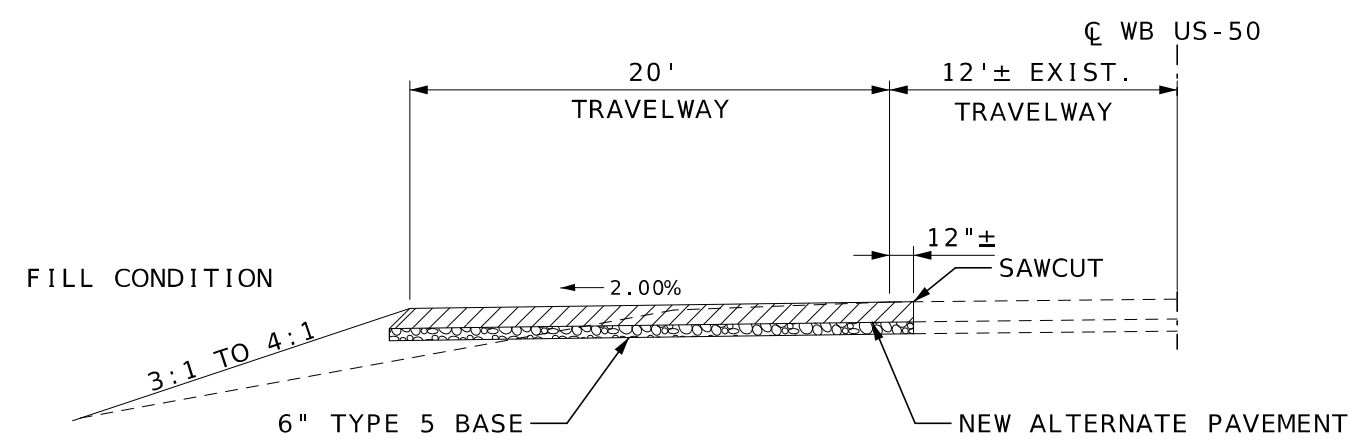
J-TURN ACCELERATION LANE
 STA. 1075+37.49 TO STA. 1090+28.98 CL WB RTE 50
 STA. 1162+41.46 TO STA. 1171+91.71 CL WB RTE 50

J-TURN DECELERATION LANE
 STA. 998+39.86 TO STA. 1004+45.20 CL WB RTE 50
 STA. 1060+51.61 TO STA. 1066+38.70 CL WB RTE 50
 STA. 1119+99.60 TO STA. 1125+63.65 CL WB RTE 50

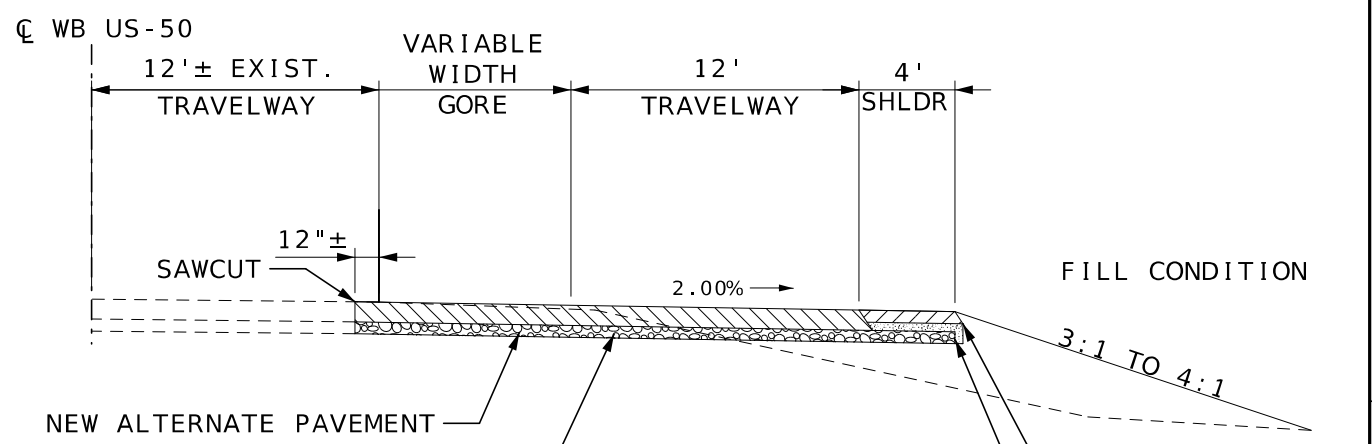
DECELERATION LANE
 STA. 1042+70.25 TO STA. 1048+48.81 CL WB RTE 50
 STA. 1070+33.43 TO STA. 1075+57.17 CL WB RTE 50
 STA. 1083+14.58 TO STA. 1090+16.98 CL WB RTE 50
 STA. 1096+50.70 TO STA. 1101+75.50 CL WB RTE 50
 STA. 1126+11.10 TO STA. 1131+37.79 CL WB RTE 50
 STA. 1164+14.90 TO STA. 1171+79.71 CL WB RTE 50

* NOTE: VARIABLE WIDTH TAPER

STA. 1004+45.20 TO STA. 1006+25.20 CL WB RTE 50
 STA. 1048+48.81 TO STA. 1050+28.81 CL WB RTE 50
 STA. 1066+38.70 TO STA. 1068+18.70 CL WB RTE 50
 STA. 1072+37.49 TO STA. 1075+37.49 CL WB RTE 50
 STA. 1075+57.17 TO STA. 1077+36.89 CL WB RTE 50
 STA. 1101+75.50 TO STA. 1103+55.50 CL WB RTE 50
 STA. 1125+63.65 TO STA. 1127+43.65 CL WB RTE 50
 STA. 1131+37.79 TO STA. 1133+17+79 CL WB RTE 50
 STA. 1157+34.64 TO STA. 1159+40.83 CL WB RTE 50
 STA. 1159+40.83 TO STA. 1162+41.46 CL WB RTE 50



J-TURN LOON
 STA. 1089+46.08 TO STA. 1089+93.40 CL WB RTE 50
 STA. 1171+08.57 TO STA. 1171+55.99 CL WB RTE 50

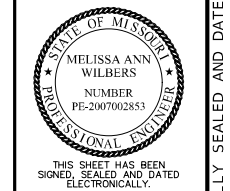


OFFSET LEFT TURN DECELERATION LANE
 STA. 1150+25.10 TO STA. 1157+34.64

NOTES:
 SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
 FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.
 VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.
 SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22

ALTERNATE E-ASPHALT
 TYPICAL SECTION
 SHEET 2 OF 4

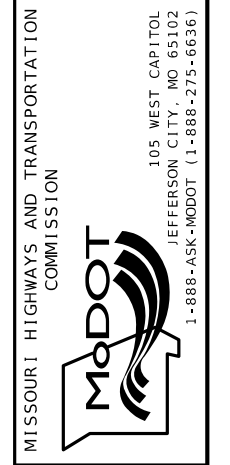


DATE PREPARED
1/3/2025

ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 2
 COUNTY JOHNSON
 JOB NO. JKR0136
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

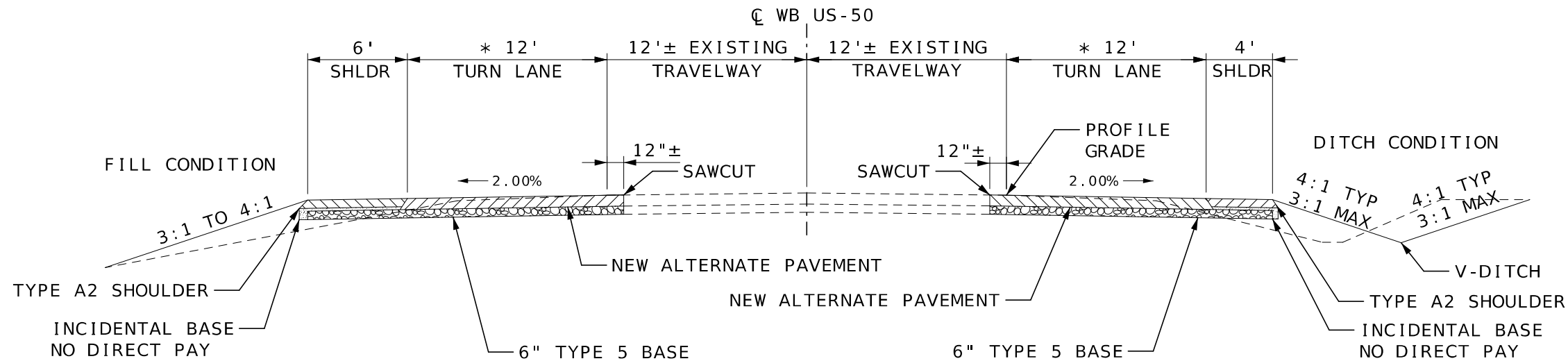
DESCRIPTION	DATE



Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PH: (636) 464-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

WESTBOUND TYPICAL SECTION
(LOOKING EAST)

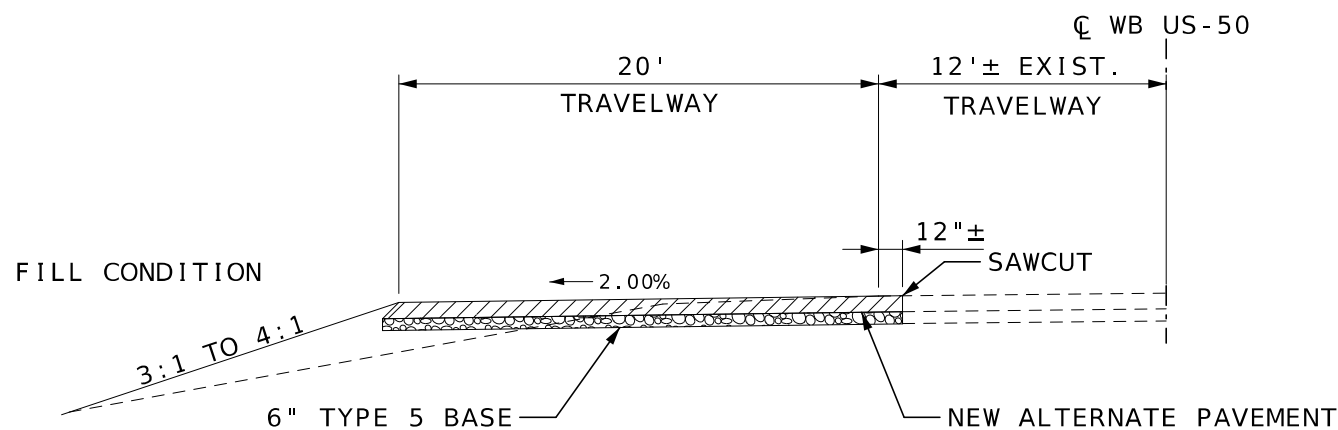


J-TURN ACCELERATION LANE
 STA. 1075+37.49 TO STA. 1090+28.98 CL WB RTE 50
 STA. 1162+41.46 TO STA. 1171+91.71 CL WB RTE 50

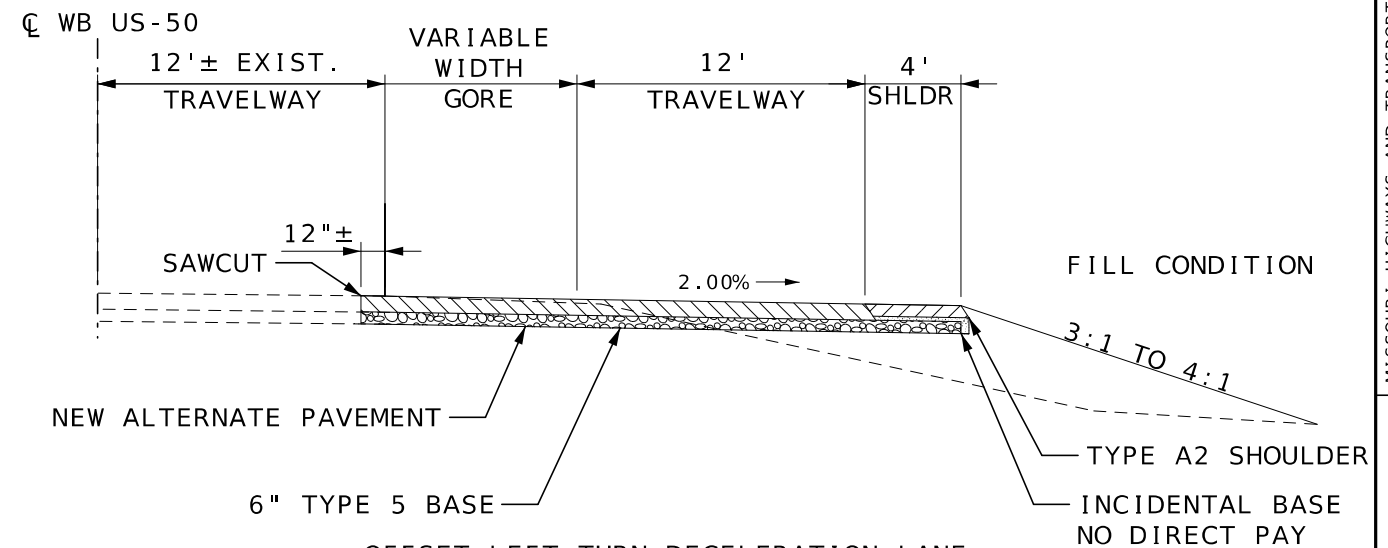
J-TURN DECELERATION LANE
 STA. 998+39.86 TO STA. 1004+45.20 CL WB RTE 50
 STA. 1060+51.61 TO STA. 1066+38.70 CL WB RTE 50
 STA. 1119+99.60 TO STA. 1125+63.65 CL WB RTE 50

DECELERATION LANE
 STA. 1042+70.25 TO STA. 1048+48.81 CL WB RTE 50
 STA. 1070+33.43 TO STA. 1075+57.17 CL WB RTE 50
 STA. 1083+14.58 TO STA. 1090+16.98 CL WB RTE 50
 STA. 1096+50.70 TO STA. 1101+75.50 CL WB RTE 50
 STA. 1126+11.10 TO STA. 1131+37.79 CL WB RTE 50
 STA. 1164+14.90 TO STA. 1171+79.71 CL WB RTE 50

*** NOTE: VARIABLE WIDTH TAPER**
 STA. 1004+45.20 TO STA. 1006+25.20 CL WB RTE 50
 STA. 1048+48.81 TO STA. 1050+28.81 CL WB RTE 50
 STA. 1066+38.70 TO STA. 1068+18.70 CL WB RTE 50
 STA. 1072+37.49 TO STA. 1075+37.49 CL WB RTE 50
 STA. 1075+57.17 TO STA. 1077+36.89 CL WB RTE 50
 STA. 1101+75.50 TO STA. 1103+55.50 CL WB RTE 50
 STA. 1125+63.65 TO STA. 1127+43.65 CL WB RTE 50
 STA. 1131+37.79 TO STA. 1133+17+79 CL WB RTE 50
 STA. 1157+34.64 TO STA. 1159+40.83 CL WB RTE 50
 STA. 1159+40.83 TO STA. 1162+41.46 CL WB RTE 50



J-TURN LOON
 STA. 1089+46.08 TO STA. 1089+93.40 CL WB RTE 50
 STA. 1171+08.57 TO STA. 1171+55.99 CL WB RTE 50



OFFSET LEFT TURN DECELERATION LANE
 STA. 1150+25.10 TO STA. 1157+34.64

NOTES:
 SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.

FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

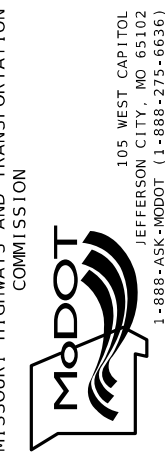
ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS

ALTERNATE F - CONCRETE
 TYPICAL SECTION
 SHEET 2 OF 4



DATE PREPARED: 1/3/2025
 ROUTE: 50 STATE: MO
 DISTRICT: KC SHEET NO.: 2
 COUNTY: JOHNSON
 JOB NO.: JKR0136
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DESCRIPTION	DATE



Bartlett & West
 601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
 PHONE 672-654-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 1/3/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY JOHNSON

JOB NO. JKR0136

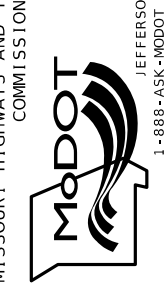
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

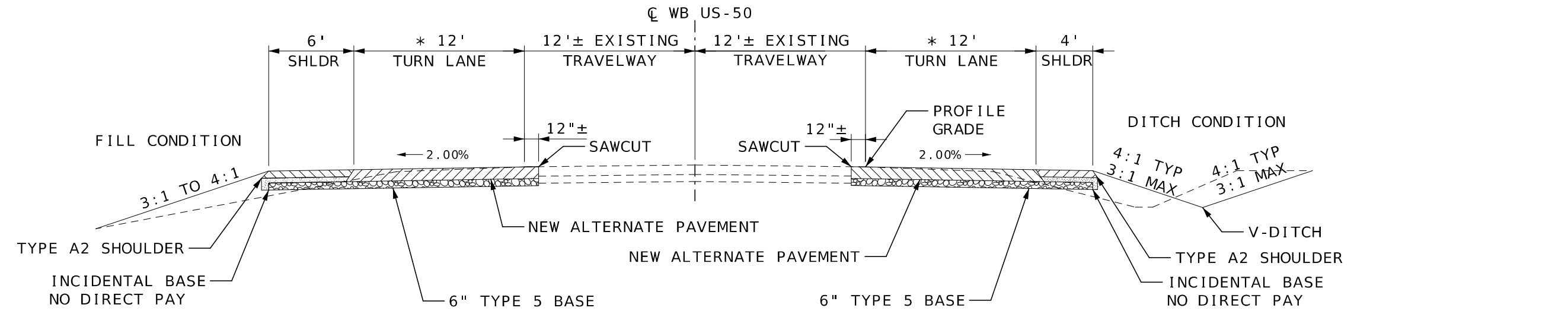
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

WESTBOUND TYPICAL SECTION (LOOKING EAST)

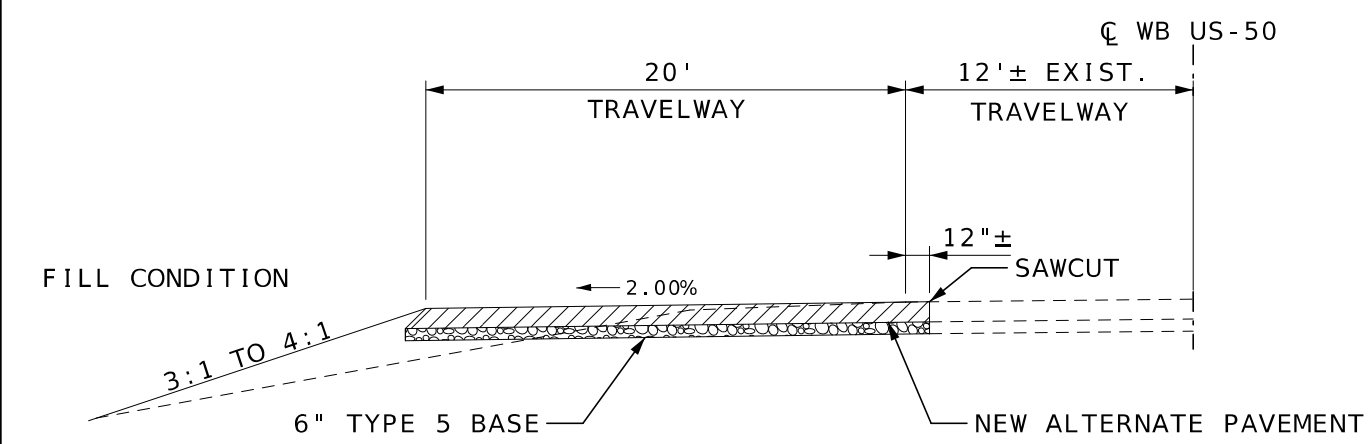


J-TURN ACCELERATION LANE
 STA. 1075+37.49 TO STA. 1090+28.98 CL WB RTE 50
 STA. 1162+41.46 TO STA. 1171+91.71 CL WB RTE 50

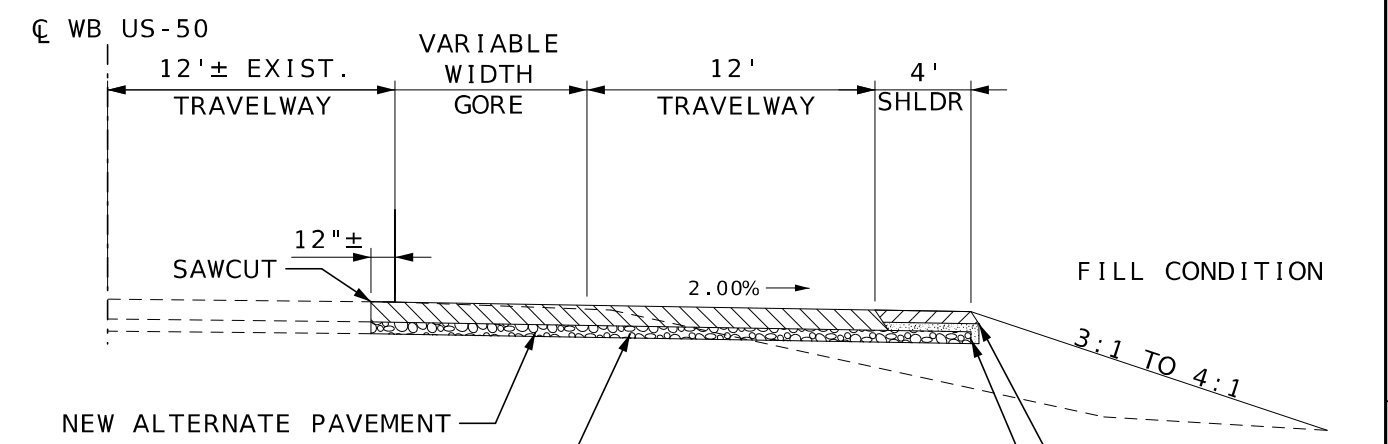
J-TURN DECELERATION LANE
 STA. 998+39.86 TO STA. 1004+45.20 CL WB RTE 50
 STA. 1060+51.61 TO STA. 1066+38.70 CL WB RTE 50
 STA. 1119+99.60 TO STA. 1125+63.65 CL WB RTE 50

DECELERATION LANE
 STA. 1042+70.25 TO STA. 1048+48.81 CL WB RTE 50
 STA. 1070+33.43 TO STA. 1075+57.17 CL WB RTE 50
 STA. 1083+14.58 TO STA. 1090+16.98 CL WB RTE 50
 STA. 1096+50.70 TO STA. 1101+75.50 CL WB RTE 50
 STA. 1126+11.10 TO STA. 1131+37.79 CL WB RTE 50
 STA. 1164+14.90 TO STA. 1171+79.71 CL WB RTE 50

*** NOTE: VARIABLE WIDTH TAPER**
 STA. 1004+45.20 TO STA. 1006+25.20 CL WB RTE 50
 STA. 1048+48.81 TO STA. 1050+28.81 CL WB RTE 50
 STA. 1066+38.70 TO STA. 1068+18.70 CL WB RTE 50
 STA. 1072+37.49 TO STA. 1075+37.49 CL WB RTE 50
 STA. 1075+57.17 TO STA. 1077+36.89 CL WB RTE 50
 STA. 1101+75.50 TO STA. 1103+55.50 CL WB RTE 50
 STA. 1125+63.65 TO STA. 1127+43.65 CL WB RTE 50
 STA. 1131+37.79 TO STA. 1133+17+79 CL WB RTE 50
 STA. 1157+34.64 TO STA. 1159+40.83 CL WB RTE 50
 STA. 1159+40.83 TO STA. 1162+41.46 CL WB RTE 50



J-TURN LOON
 STA. 1089+46.08 TO STA. 1089+93.40 CL WB RTE 50
 STA. 1171+08.57 TO STA. 1171+55.99 CL WB RTE 50



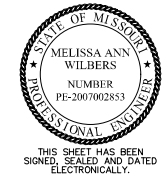
OFFSET LEFT TURN DECELERATION LANE
 STA. 1150+25.10 TO STA. 1157+34.64

NOTES:
 SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
 FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.
 VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.
 SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
TYPE A2 SHOULDER

ALTERNATE G-ASPHALT SHOULDER
 TYPICAL SECTION
 SHEET 2 OF 4

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
1/3/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

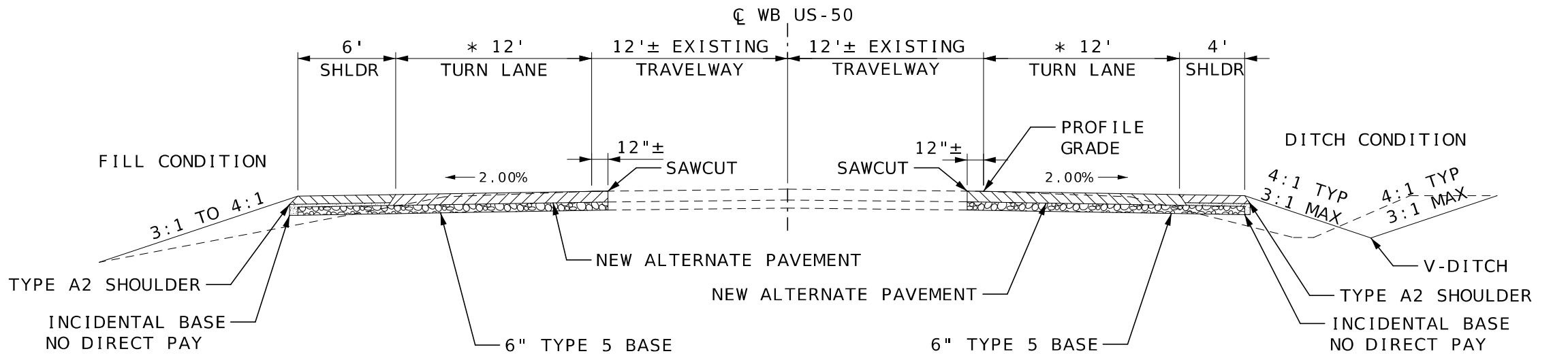
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 873-464-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

WESTBOUND TYPICAL SECTION (LOOKING EAST)



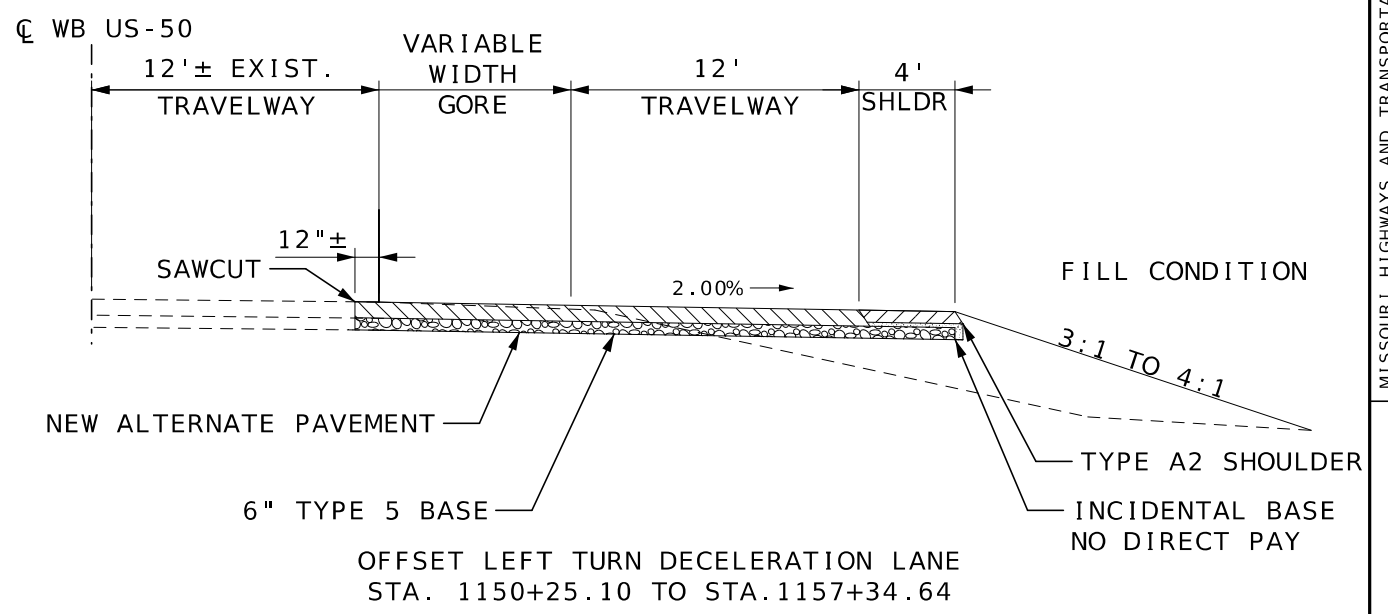
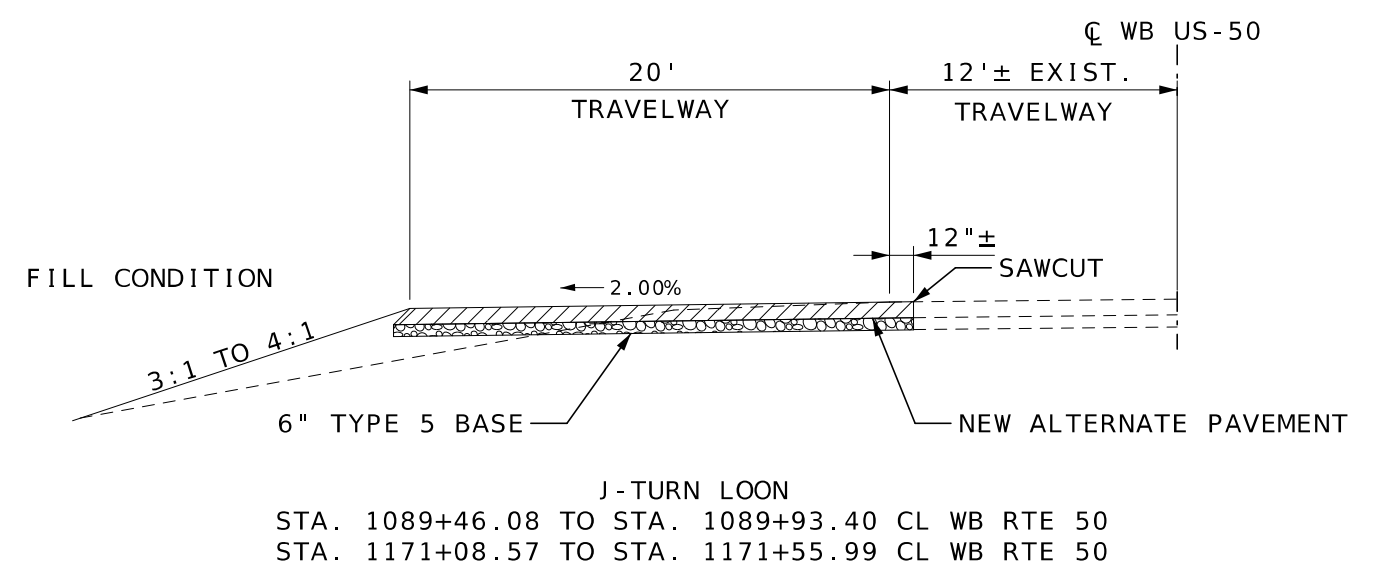
J-TURN ACCELERATION LANE
STA. 1075+37.49 TO STA. 1090+28.98 CL WB RTE 50
STA. 1162+41.46 TO STA. 1171+91.71 CL WB RTE 50

J-TURN DECELERATION LANE
STA. 998+39.86 TO STA. 1004+45.20 CL WB RTE 50
STA. 1060+51.61 TO STA. 1066+38.70 CL WB RTE 50
STA. 1119+99.60 TO STA. 1125+63.65 CL WB RTE 50

DECELERATION LANE
STA. 1042+70.25 TO STA. 1048+48.81 CL WB RTE 50
STA. 1070+33.43 TO STA. 1075+57.17 CL WB RTE 50
STA. 1083+14.58 TO STA. 1090+16.98 CL WB RTE 50
STA. 1096+50.70 TO STA. 1101+75.50 CL WB RTE 50
STA. 1126+11.10 TO STA. 1131+37.79 CL WB RTE 50
STA. 1164+14.90 TO STA. 1171+79.71 CL WB RTE 50

* NOTE: VARIABLE WIDTH TAPER

STA. 1004+45.20 TO STA. 1006+25.20 CL WB RTE 50
STA. 1048+48.81 TO STA. 1050+28.81 CL WB RTE 50
STA. 1066+38.70 TO STA. 1068+18.70 CL WB RTE 50
STA. 1072+37.49 TO STA. 1075+37.49 CL WB RTE 50
STA. 1075+57.17 TO STA. 1077+36.89 CL WB RTE 50
STA. 1101+75.50 TO STA. 1103+55.50 CL WB RTE 50
STA. 1125+63.65 TO STA. 1127+43.65 CL WB RTE 50
STA. 1131+37.79 TO STA. 1133+17+79 CL WB RTE 50
STA. 1157+34.64 TO STA. 1159+40.83 CL WB RTE 50
STA. 1159+40.83 TO STA. 1162+41.46 CL WB RTE 50

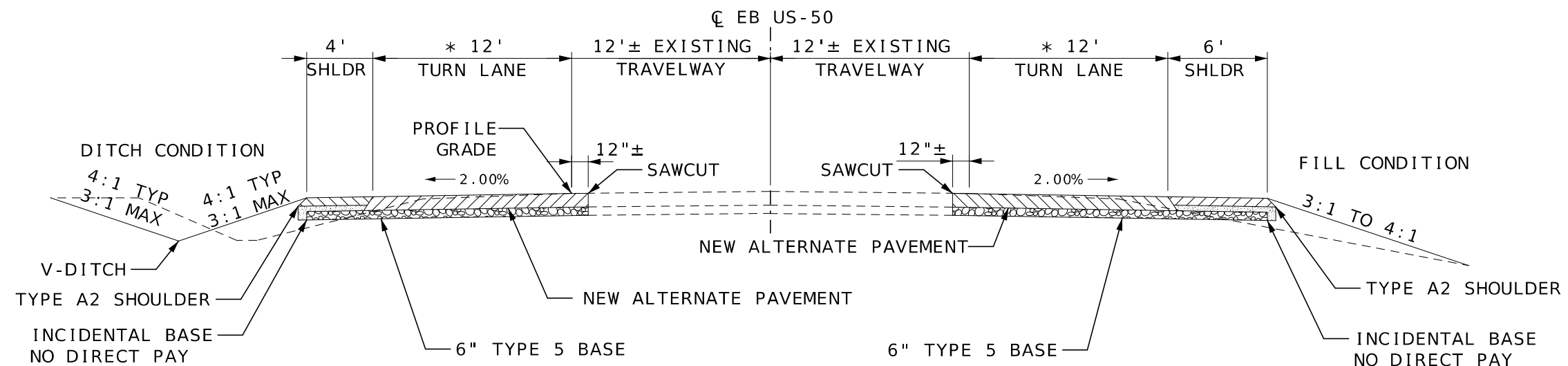


NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.
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SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
TYPE A2 SHOULDER

ALTERNATE H-CONCRETE SHOULDER
TYPICAL SECTION
SHEET 2 OF 4

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



* NOTE: VARIABLE WIDTH TAPER

STA. 1013+52.48 TO STA. 1016+53.63 CL EB RTE 50
 STA. 1035+18.16 TO STA. 1036+98.16 CL EB RTE 50
 STA. 1075+38.60 TO STA. 1078+38.10 CL EB RTE 50
 STA. 1076+85.45 TO STA. 1078+65.20 CL EB RTE 50
 STA. 1082+06.75 TO STA. 1083+86.77 CL EB RTE 50
 STA. 1134+43.15 TO STA. 1137+43.22 CL EB RTE 50
 STA. 1144+79.90 TO STA. 1146+59.90 CL EB RTE 50
 STA. 1156+51.12 TO STA. 1158+31.12 CL EB RTE 50
 STA. 1163+71.12 TO STA. 1165+51.12 CL EB RTE 50

J-TURN DECELERATION LANE

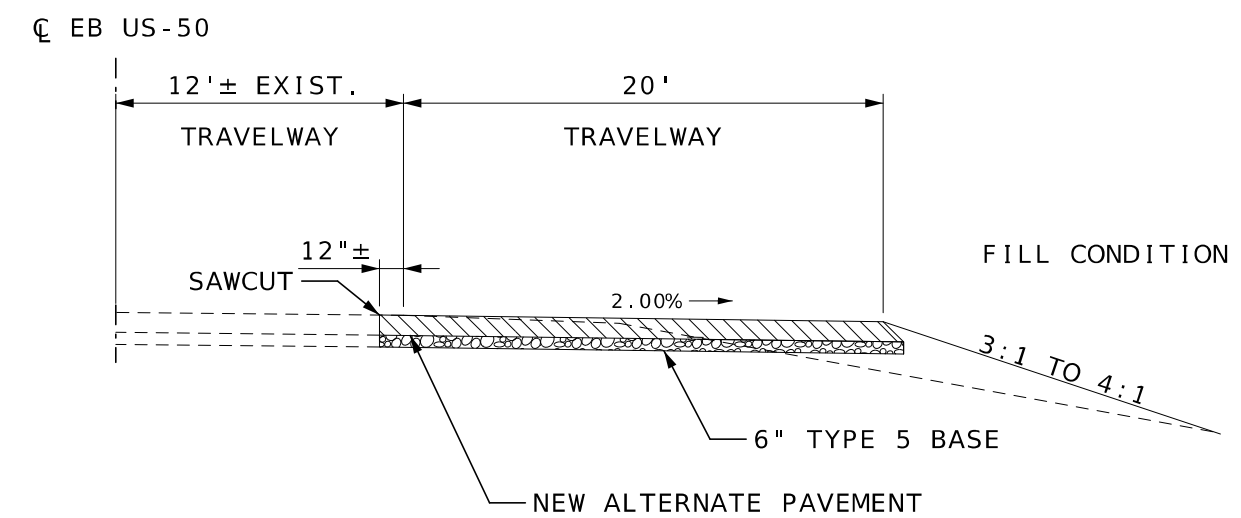
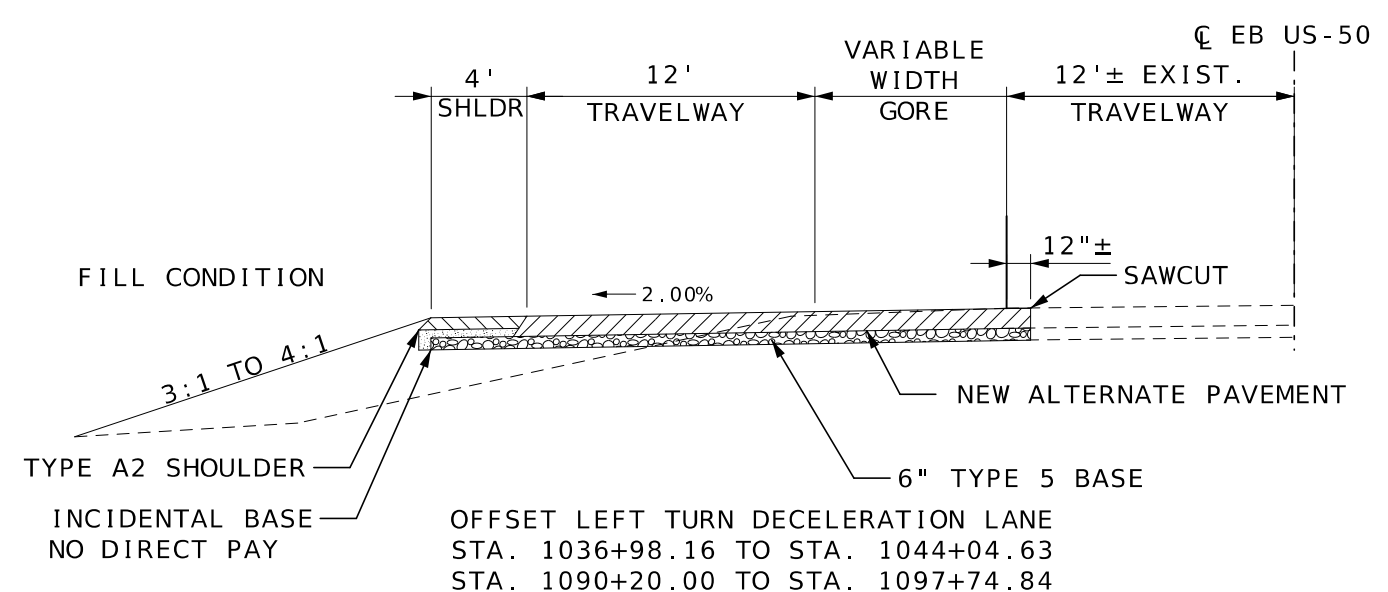
STA. 1083+86.77 TO STA. 1090+20.00 CL EB RTE 50
 STA. 1165+51.12 TO STA. 1171+84.06 CL EB RTE 50

DECELERATION LANE

STA. 1078+65.20 TO STA. 1084+24.85 CL EB RTE 50
 STA. 1146+59.90 TO STA. 1151+91.42 CL EB RTE 50
 STA. 1158+31.12 TO STA. 1165+12.21 CL EB RTE 50

J-TURN ACCELERATION LANE

STA. 998+30.86 TO STA. 1013+52.48 CL EB RTE 50
 STA. 1060+44.62 TO STA. 1075+38.60 CL EB RTE 50
 STA. 1120+75.65 TO STA. 1134+43.15 CL EB RTE 50



NOTES:
 SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
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ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22

ALTERNATE E-ASPHALT
 TYPICAL SECTION
 SHEET 3 OF 4

DATE PREPARED: 1/3/2025

ROUTE 50 STATE MO DISTRICT KC SHEET NO. 2 COUNTY JOHNSON JOB NO. JKR0136 CONTRACT ID. PROJECT NO. BRIDGE NO.

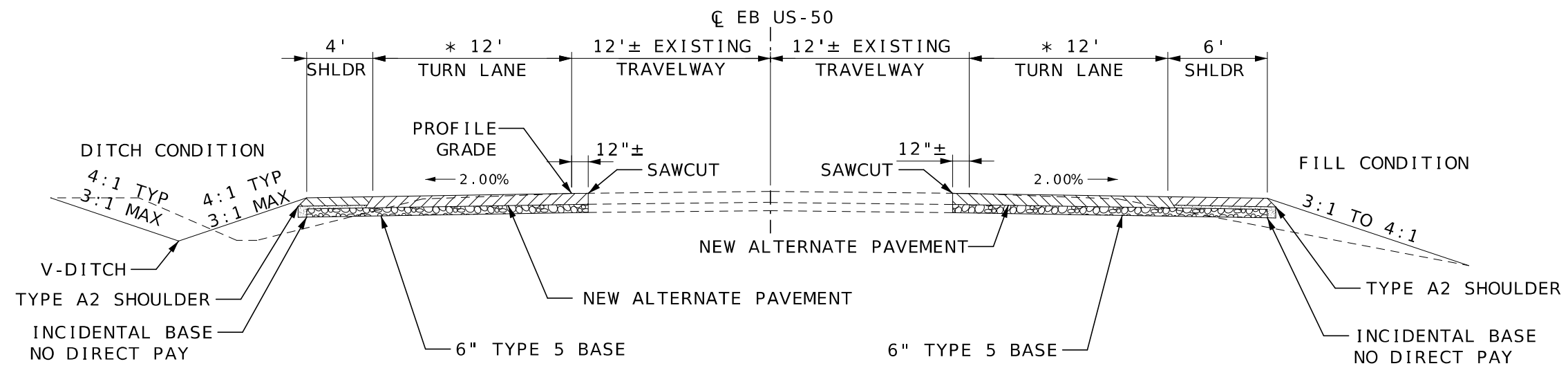
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

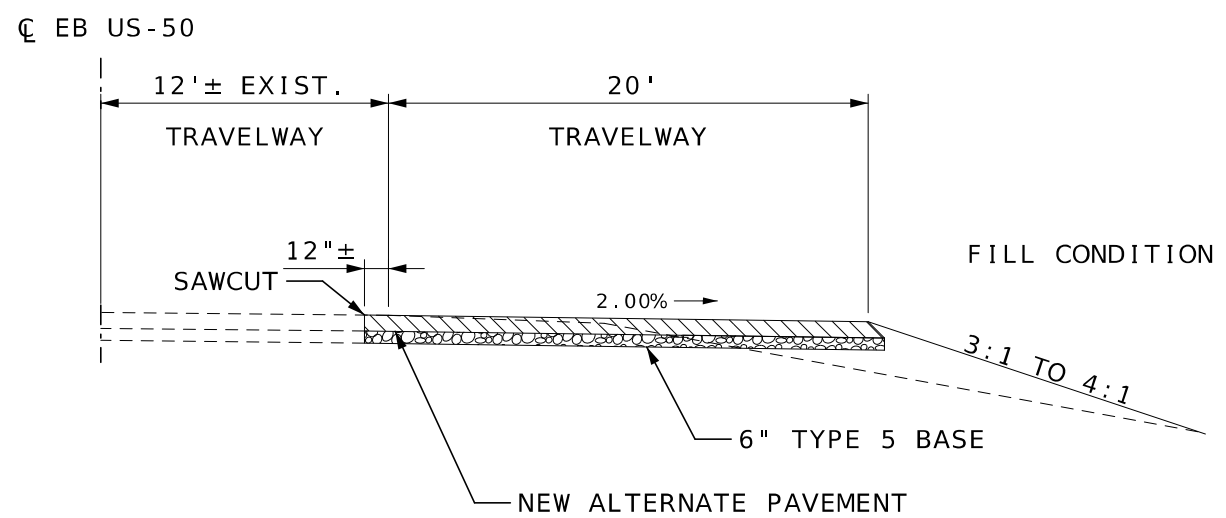
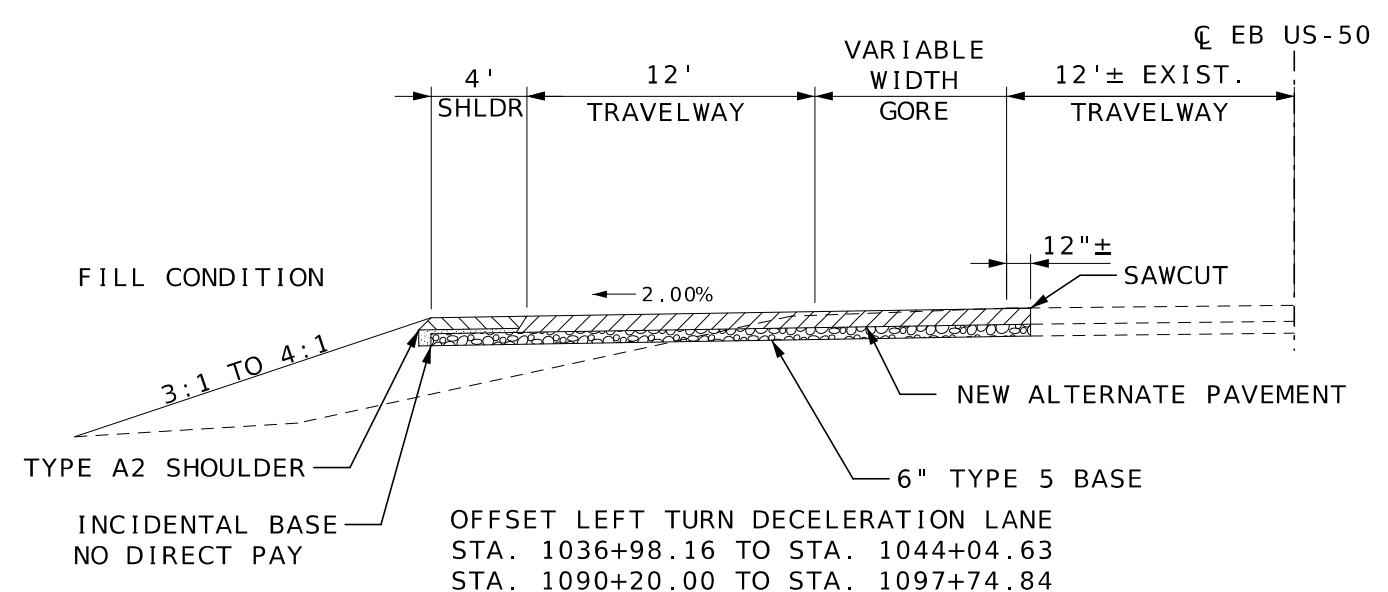
Bartlett & West
 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-654-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EASTBOUND TYPICAL SECTION
(LOOKING EAST)



- * NOTE: VARIABLE WIDTH TAPER
- | | | |
|---|---|---|
| STA. 1013+52.48 TO STA. 1016+53.63 CL EB RTE 50 | STA. 1083+86.77 TO STA. 1090+20.00 CL EB RTE 50 | STA. 998+30.86 TO STA. 1013+52.48 CL EB RTE 50 |
| STA. 1035+18.16 TO STA. 1036+98.16 CL EB RTE 50 | STA. 1165+51.12 TO STA. 1171+84.06 CL EB RTE 50 | STA. 1060+44.62 TO STA. 1075+38.60 CL EB RTE 50 |
| STA. 1075+38.60 TO STA. 1078+38.10 CL EB RTE 50 | | STA. 1120+75.65 TO STA. 1134+43.15 CL EB RTE 50 |
| STA. 1076+85.45 TO STA. 1078+65.20 CL EB RTE 50 | | |
| STA. 1082+06.75 TO STA. 1083+86.77 CL EB RTE 50 | | |
| STA. 1134+43.15 TO STA. 1137+43.22 CL EB RTE 50 | | |
| STA. 1144+79.90 TO STA. 1146+59.90 CL EB RTE 50 | | |
| STA. 1156+51.12 TO STA. 1158+31.12 CL EB RTE 50 | | |
| STA. 1163+71.12 TO STA. 1165+51.12 CL EB RTE 50 | | |
- J-TURN DECELERATION LANE
- DECELERATION LANE
- J-TURN ACCELERATION LANE

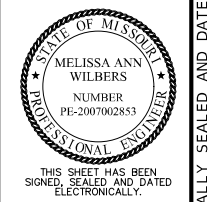


- J-TURN LOON
- | |
|---|
| STA. 998+42.66 TO STA. 999+82.66 CL EB RTE 50 |
| STA. 1060+56.54 TO STA. 1061+96.54 CL EB RTE 50 |
| STA. 1120+05.42 TO STA. 1121+45.42 CL EB RTE 50 |

NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
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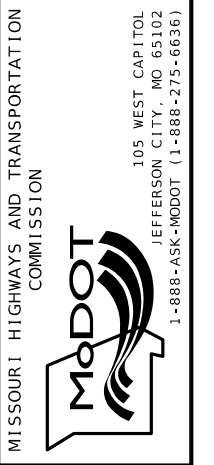
ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS

ALTERNATE F-CONCRETE
TYPICAL SECTION
SHEET 3 OF 4

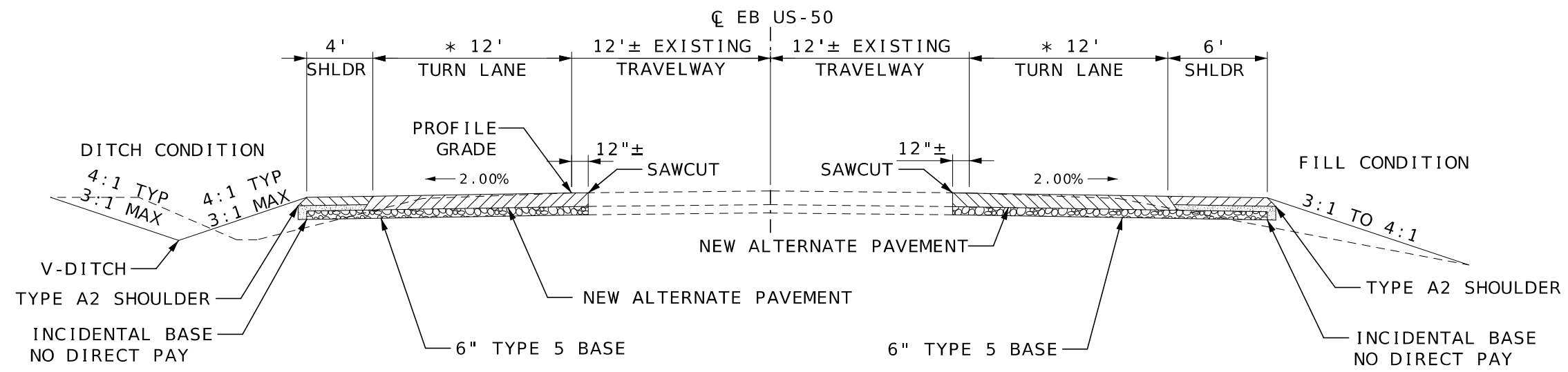


DATE PREPARED 1/3/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



EASTBOUND TYPICAL SECTION
(LOOKING EAST)



* NOTE: VARIABLE WIDTH TAPER

STA. 1013+52.48 TO STA. 1016+53.63	CL EB RTE 50
STA. 1035+18.16 TO STA. 1036+98.16	CL EB RTE 50
STA. 1075+38.60 TO STA. 1078+38.10	CL EB RTE 50
STA. 1076+85.45 TO STA. 1078+65.20	CL EB RTE 50
STA. 1082+06.75 TO STA. 1083+86.77	CL EB RTE 50
STA. 1134+43.15 TO STA. 1137+43.22	CL EB RTE 50
STA. 1144+79.90 TO STA. 1146+59.90	CL EB RTE 50
STA. 1156+51.12 TO STA. 1158+31.12	CL EB RTE 50
STA. 1163+71.12 TO STA. 1165+51.12	CL EB RTE 50

J-TURN DECELERATION LANE

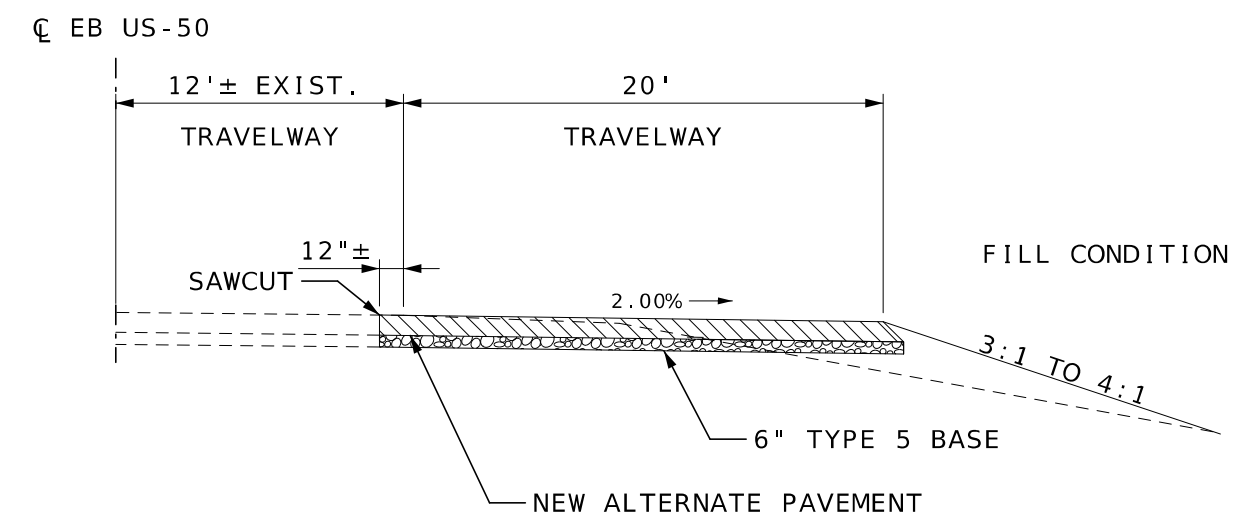
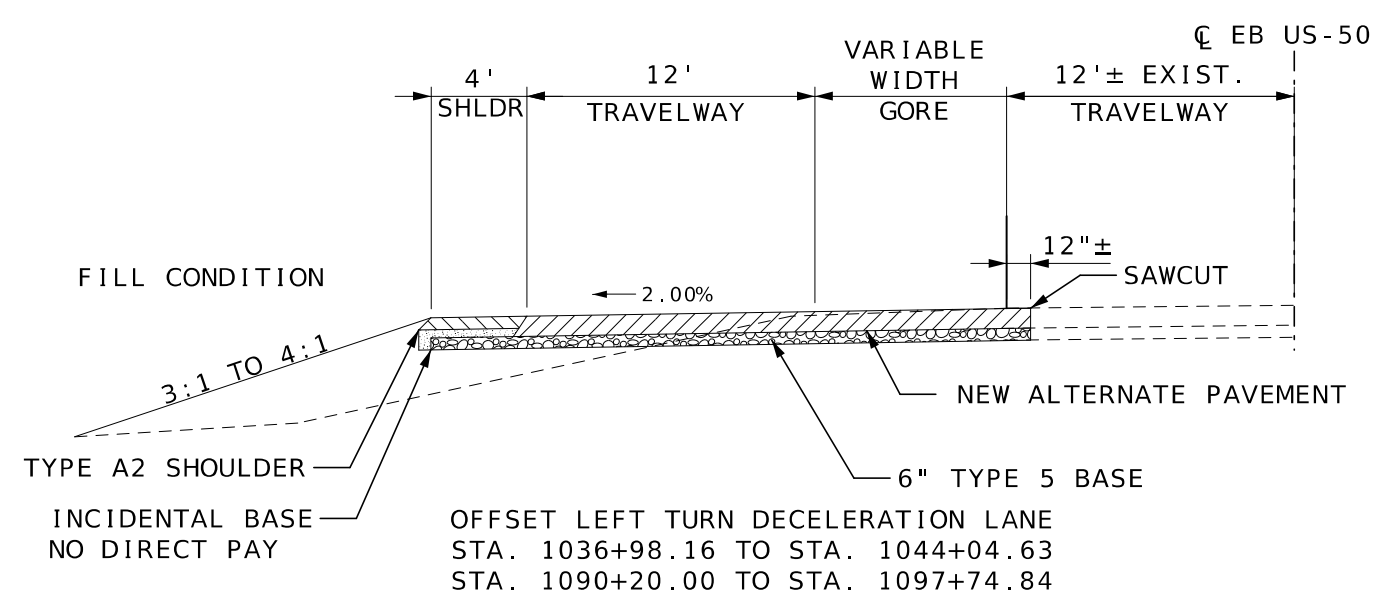
STA. 1083+86.77 TO STA. 1090+20.00	CL EB RTE 50
STA. 1165+51.12 TO STA. 1171+84.06	CL EB RTE 50

DECELERATION LANE

STA. 1078+65.20 TO STA. 1084+24.85	CL EB RTE 50
STA. 1146+59.90 TO STA. 1151+91.42	CL EB RTE 50
STA. 1158+31.12 TO STA. 1165+12.21	CL EB RTE 50

J-TURN ACCELERATION LANE

STA. 998+30.86 TO STA. 1013+52.48	CL EB RTE 50
STA. 1060+44.62 TO STA. 1075+38.60	CL EB RTE 50
STA. 1120+75.65 TO STA. 1134+43.15	CL EB RTE 50



NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.
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ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
TYPE A2 SHOULDER

ALTERNATE G-ASPHALT SHOULDER
TYPICAL SECTION
SHEET 3 OF 4

DATE PREPARED: 1/3/2025
ROUTE: 50 STATE: MO
DISTRICT: KC SHEET NO.: 2
COUNTY: JOHNSON
JOB NO.: JKR0136
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

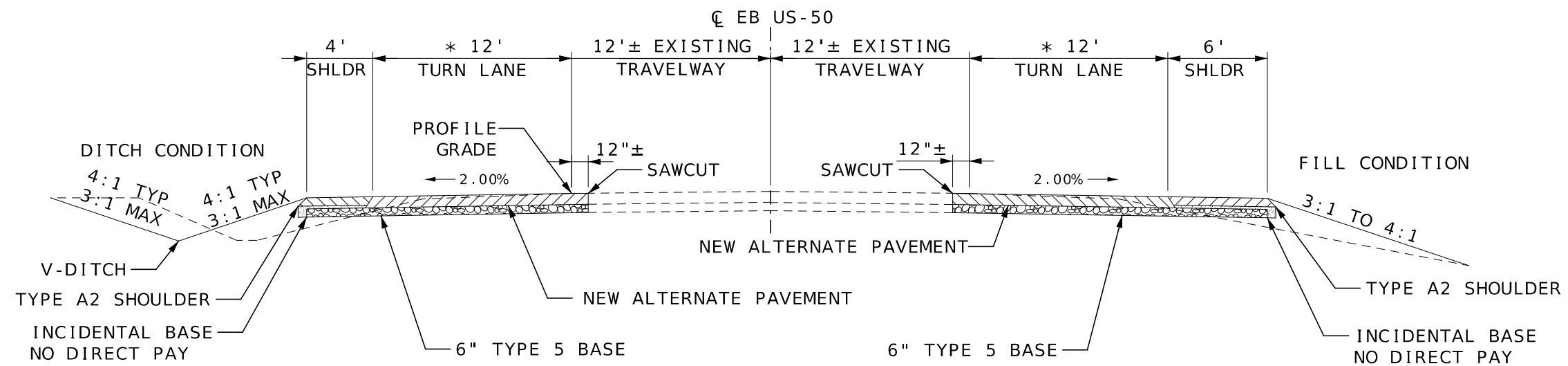
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 872-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

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EASTBOUND TYPICAL SECTION
(LOOKING EAST)



* NOTE: VARIABLE WIDTH TAPER

STA. 1013+52.48 TO STA. 1016+53.63 CL EB RTE 50
STA. 1035+18.16 TO STA. 1036+98.16 CL EB RTE 50
STA. 1075+38.60 TO STA. 1078+38.10 CL EB RTE 50
STA. 1076+85.45 TO STA. 1078+65.20 CL EB RTE 50
STA. 1082+06.75 TO STA. 1083+86.77 CL EB RTE 50
STA. 1134+43.15 TO STA. 1137+43.22 CL EB RTE 50
STA. 1144+79.90 TO STA. 1146+59.90 CL EB RTE 50
STA. 1156+51.12 TO STA. 1158+31.12 CL EB RTE 50
STA. 1163+71.12 TO STA. 1165+51.12 CL EB RTE 50

J-TURN DECELERATION LANE

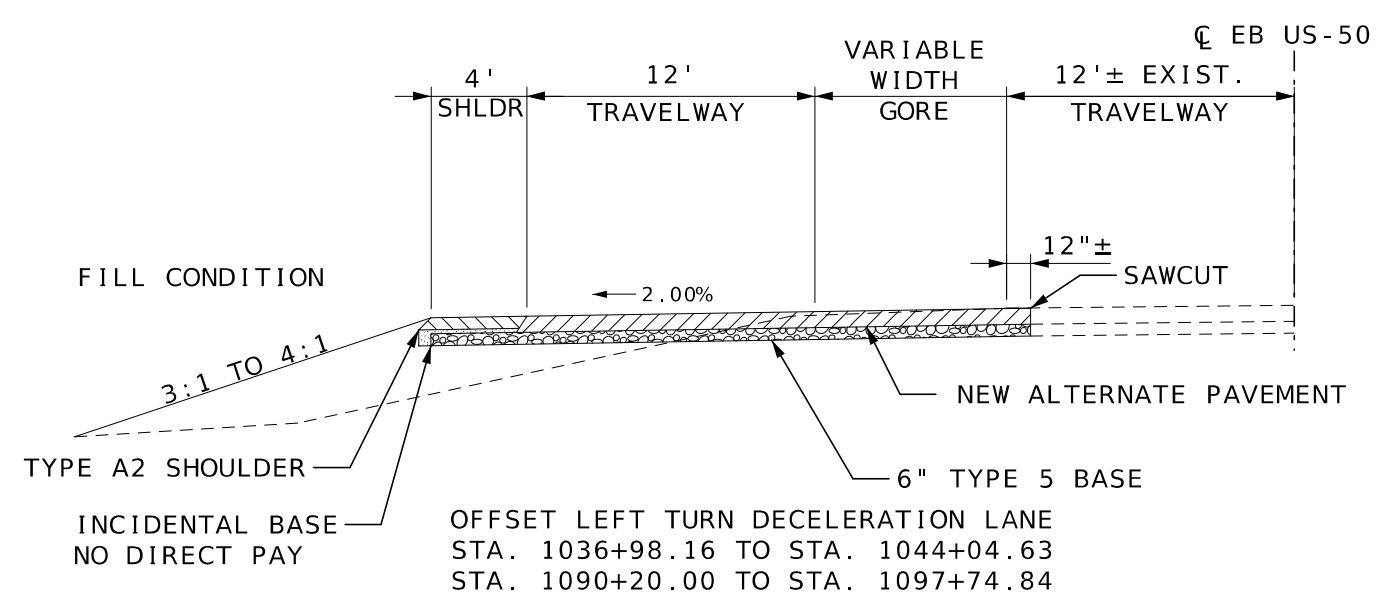
STA. 1083+86.77 TO STA. 1090+20.00 CL EB RTE 50
STA. 1165+51.12 TO STA. 1171+84.06 CL EB RTE 50

DECELERATION LANE

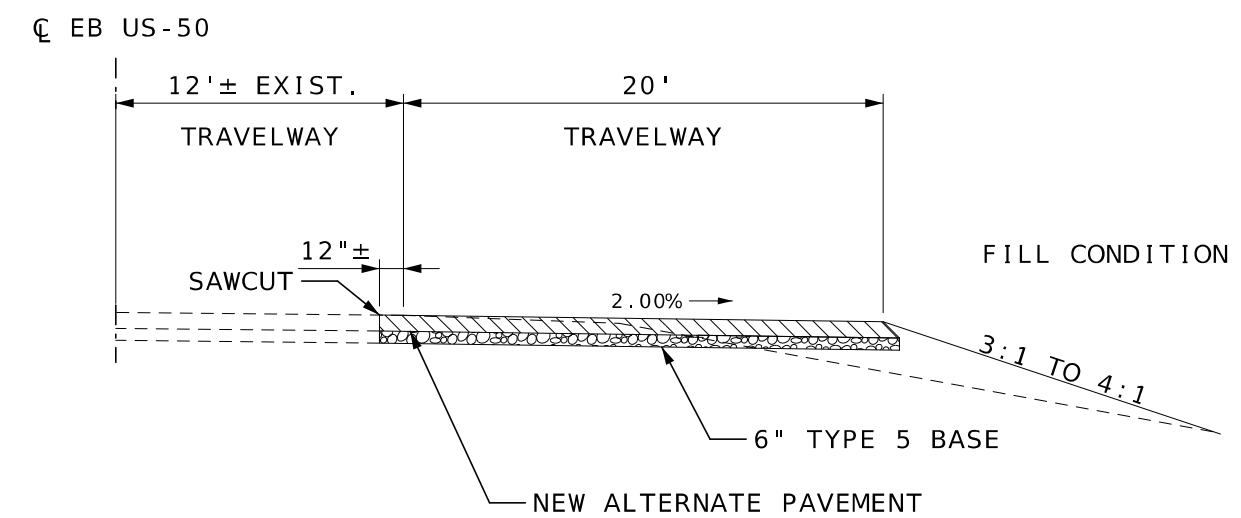
STA. 1078+65.20 TO STA. 1084+24.85 CL EB RTE 50
STA. 1146+59.90 TO STA. 1151+91.42 CL EB RTE 50
STA. 1158+31.12 TO STA. 1165+12.21 CL EB RTE 50

J-TURN ACCELERATION LANE

STA. 998+30.86 TO STA. 1013+52.48 CL EB RTE 50
STA. 1060+44.62 TO STA. 1075+38.60 CL EB RTE 50
STA. 1120+75.65 TO STA. 1134+43.15 CL EB RTE 50



OFFSET LEFT TURN DECELERATION LANE
STA. 1036+98.16 TO STA. 1044+04.63
STA. 1090+20.00 TO STA. 1097+74.84

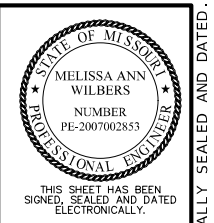


J-TURN LOON
STA. 998+42.66 TO STA. 999+82.66 CL EB RTE 50
STA. 1060+56.54 TO STA. 1061+96.54 CL EB RTE 50
STA. 1120+05.42 TO STA. 1121+45.42 CL EB RTE 50

NOTES:
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SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

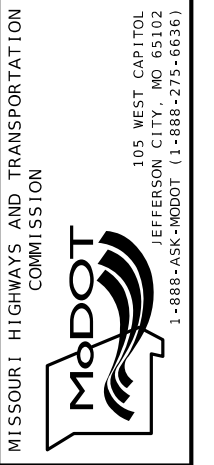
ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
TYPE A2 SHOULDER

ALTERNATE H-CONCRETE SHOULDER
TYPICAL SECTION
SHEET 3 OF 4

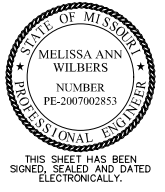


DATE PREPARED	1/3/2025
ROUTE	50
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	JOHNSON
JOB NO.	JKR0136
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	
DATE	



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 2

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

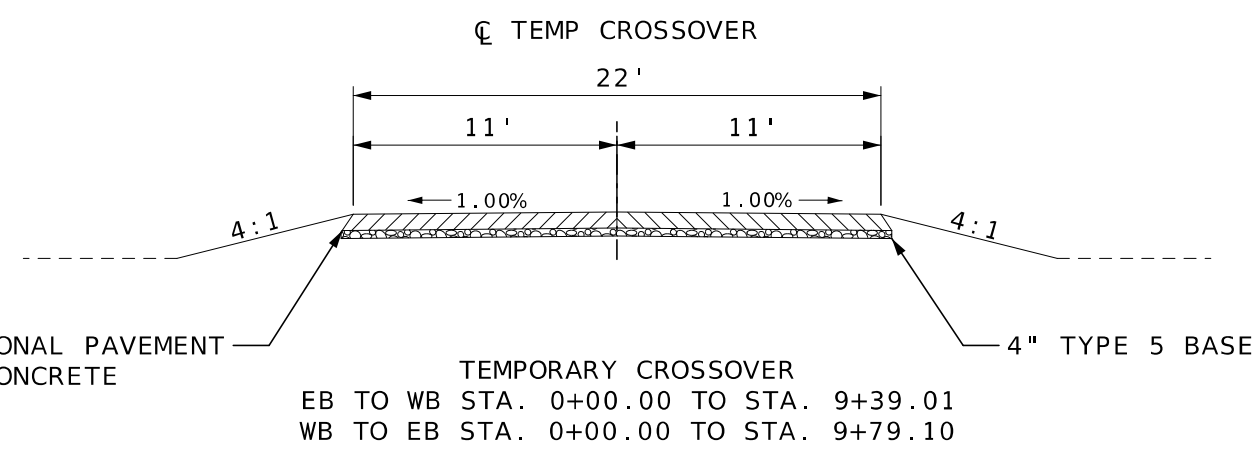
DESCRIPTION	DATE

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM



TEMPORARY OPTIONAL PAVEMENT
8" HMA OR 8" CONCRETE

4" TYPE 5 BASE

NOTES:
SEE CROSS SECTION AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITIONS, TAPER LENGTHS, WIDENING DETAILS AND DITCH SLOPE TRANSITIONS.

FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS.

VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REMOVAL OF IMPROVEMENTS						
ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	REMARKS
EB US-50	998+30.86	1016+53.63	MEDIAN	SAWCUT	1882 LF	401 J-TURN EB ACCEL
EB US-50	998+30.86	1016+53.63	MEDIAN	SHOULDER REMOVAL	1132 SY	401 J-TURN EB ACCEL
WB US-50	998+39.86	1006+25.20	MEDIAN	SAWCUT	785 LF	401 J-TURN WB DECEL
WB US-50	998+39.86	1006+25.20	MEDIAN	SHOULDER REMOVAL	454 SY	401 J-TURN WB DECEL
EB US-50	998+42.66	999+82.66	OUTSIDE	SAWCUT	140 LF	EB LOON
EB US-50	998+42.66	999+82.66	OUTSIDE	SHOULDER REMOVAL	175 SY	EB LOON
EB US-50	1035+18.16	1044+04.63	MEDIAN	SAWCUT	886 LF	361 EB OFFSET LT
EB US-50	1035+18.16	1044+04.63	MEDIAN	SHOULDER REMOVAL	487 SY	361 EB OFFSET LT
WB US-50	1042+70.25	1050+28.75	OUTSIDE	SAWCUT	758 LF	361 WB DECEL
WB US-50	1042+70.25	1050+28.75	OUTSIDE	SHOULDER REMOVAL	866 SY	361 WB DECEL
WB US-50	1043+10.23	1043+92.48	OUTSIDE	APPROACH PAVEMENT	327 SY	361 WB DECEL
EB US-50	1060+44.62	1078+38.60	MEDIAN	SAWCUT	1793 LF	331 J-TURN EB ACCEL
EB US-50	1060+44.62	1078+38.60	MEDIAN	SHOULDER REMOVAL	1101 SY	331 J-TURN EB ACCEL
WB US-50	1060+51.61	1068+18.70	MEDIAN	SAWCUT	767 LF	331 J-TURN WB DECEL
WB US-50	1060+51.61	1068+18.70	MEDIAN	SHOULDER REMOVAL	441 SY	331 J-TURN WB DECEL
EB US-50	1060+56.54	1061+96.54	MEDIAN	SAWCUT	140 LF	331 J-TURN EB LOON
EB US-50	1060+56.54	1061+96.54	MEDIAN	SHOULDER REMOVAL	171 SY	331 J-TURN EB LOON
WB US-50	1070+33.43	1077+36.89	OUTSIDE	SAWCUT	703 LF	GS WB DECEL
WB US-50	1070+33.43	1077+36.89	OUTSIDE	SHOULDER REMOVAL	886 SY	GS WB DECEL
WB US-50	1070+66.22	1071+65.96	OUTSIDE	APPROACH PAVEMENT	83 SY	GS WB DECEL
WB US-50	1072+37.49	1090+28.98	OUTSIDE	SAWCUT	1791 LF	271 J-TURN WB ACCEL
WB US-50	1072+37.49	1090+28.98	OUTSIDE	SHOULDER REMOVAL	969 SY	271 J-TURN WB ACCEL
EB US-50	1082+06.75	1097+74.84	MEDIAN	SAWCUT	1568 LF	EB DECEL/251 OFFSET LT
EB US-50	1082+06.75	1097+74.84	MEDIAN	SHOULDER REMOVAL	1020 SY	EB DECEL/251 OFFSET LT
EB US-50	1076+85.45	1084+24.85	OUTSIDE	SAWCUT	739 LF	271 EB DECEL
EB US-50	1076+85.45	1084+24.85	OUTSIDE	SHOULDER REMOVAL	789 SY	271 EB DECEL
EB US-50	1083+99.55	1084+97.05	OUTSIDE	APPROACH PAVEMENT	379 SY	271 EB DECEL
WB US-50	1083+14.58	1090+16.98	MEDIAN	SAWCUT	702 LF	271 WB DECEL
WB US-50	1083+14.58	1090+16.98	MEDIAN	SHOULDER REMOVAL	905 SY	271 WB DECEL
WB US-50	1083+30.50	1084+18.61	MEDIAN	APPROACH PAVEMENT	151 SY	271 WB DECEL
WB US-50	1096+50.70	1103+55.50	OUTSIDE	SAWCUT	704 LF	251 WB DECEL
WB US-50	1076+85.45	1084+24.85	OUTSIDE	SHOULDER REMOVAL	778 SY	251 WB DECEL
WB US-50	1096+78.10	1097+69.29	OUTSIDE	APPROACH PAVEMENT	406 SY	251 WB DECEL
EB US-50	1111+13.83	1137+43.21	MEDIAN	SAWCUT	2629 LF	REPROFILE/191 J-TURN EB ACCEL
EB US-50	1111+13.83	1137+43.21	MEDIAN	SHOULDER REMOVAL	1232 SY	REPROFILE/191 J-TURN EB ACCEL
EB US-50	1111+13.83	1121+45.42	OUTSIDE	SAWCUT	1031 LF	REPROFILE
EB US-50	1111+13.83	1121+45.42	OUTSIDE	SHOULDER REMOVAL	1173 SY	REPROFILE
WB US-50	1119+99.60	1127+43.65	MEDIAN	SAWCUT	744 LF	191 J-TURN WB DECEL
WB US-50	1119+99.60	1127+43.65	MEDIAN	SHOULDER REMOVAL	405 SY	191 J-TURN WB DECEL
WB US-50	1126+11.10	1133+17.79	OUTSIDE	SAWCUT	706 LF	191 WB DECEL
WB US-50	1126+11.10	1133+17.79	OUTSIDE	SHOULDER REMOVAL	820 SY	191 WB DECEL
WB US-50	1126+24.59	1126+92.07	OUTSIDE	APPROACH PAVEMENT	263 SY	191 WB DECEL
EB US-50	1144+79.90	1165+12.21	OUTSIDE	SAWCUT	2032 LF	121/151 AUX LANE
EB US-50	1144+79.90	1165+12.21	OUTSIDE	SHOULDER REMOVAL	2454 SY	121/151 AUX LANE
EB US-50	1150+57.85	1151+28.63	OUTSIDE	APPROACH PAVEMENT	362 SY	NW 151 RD
WB US-50	1150+25.10	1171+91.71	MEDIAN	SAWCUT	2166 LF	151 OFFSET/WB ACCEL
WB US-50	1150+25.10	1171+91.71	MEDIAN	SHOULDER REMOVAL	1165 SY	151 OFFSET/WB ACCEL
EB US-50	1163+71.12	1171+84.06	MEDIAN	SAWCUT	812 LF	121 J-TURN EB DECEL
EB US-50	1163+71.12	1171+84.06	MEDIAN	SHOULDER REMOVAL	464 SY	121 J-TURN EB DECEL
WB US-50	1164+14.90	1171+79.71	OUTSIDE	SAWCUT	764 LF	121 WB DECEL
WB US-50	1164+14.90	1171+79.71	OUTSIDE	SHOULDER REMOVAL	997 SY	121 WB DECEL
EB/WB US-50	1015+96.07	1016+53.63	MEDIAN	CROSSOVER REMOVAL	181 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1028+12.62	1028+74.35	MEDIAN	CROSSOVER REMOVAL	193 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1043+00.64	1043+77.31	MEDIAN	CROSSOVER REMOVAL	207 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1066+30.43	1067+26.09	MEDIAN	CROSSOVER REMOVAL	262 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1083+21.15	1083+92.99	MEDIAN	CROSSOVER REMOVAL	198 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1096+79.64	1097+36.53	MEDIAN	CROSSOVER REMOVAL	168 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1112+88.23	1113+43.98	MEDIAN	CROSSOVER REMOVAL	163 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1126+14.85	1126+94.55	MEDIAN	CROSSOVER REMOVAL	180 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1150+68.28	1151+28.23	MEDIAN	CROSSOVER REMOVAL	210 SY	GRADE TO MATCH EXIST. DITCH
EB US-50	1153+31.02	1153+86.22	OUTSIDE	DRIVEWAY REMOVAL	202 SY	GRADE TO MATCH EXIST. DITCH
EB/WB US-50	1164+29.11	1164+98.02	MEDIAN	CROSSOVER REMOVAL	213 SY	GRADE TO MATCH EXIST. DITCH
EB US-50	998+27.66		MEDIAN	INLET	1 EA	
EB US-50	1040+94.35		MEDIAN	INLET	1 EA	
EB US-50	1074+71.35		MEDIAN	INLET	1 EA	
EB US-50	1087+98.80		MEDIAN	INLET	1 EA	
EB US-50	1096+74.73		MEDIAN	INLET	1 EA	
EB US-50	1126+28.30		MEDIAN	INLET	1 EA	
EB US-50	1126+95.71		MEDIAN	INLET	1 EA	
EB US-50	1135+97.83		MEDIAN	INLET	1 EA	
WB US-50	1150+72.04		MEDIAN	INLET	1 EA	
WB US-50	1151+37.12		MEDIAN	INLET	1 EA	
WB US-50	1164+33.58		MEDIAN	INLET	1 EA	
WB US-50	1164+98.96		MEDIAN	INLET	1 EA	
EB US-50	1169+99.72		MEDIAN	INLET	1 EA	
SUBTOTALS					1 LS	

REMOVAL OF IMPROVEMENTS							
ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	REMARKS	
MEDIAN	1016+00.71	1016+61.50		EXISTING PIPE (18")	61 LF		
MEDIAN	1028+19.16	1028+80.63		EXISTING PIPE (18")	61 LF		
WB US-50	1060+61.92	1061+22.58		EXISTING PIPE (24")	61 LF		
MEDIAN	1074+70.85	1074+75.71		EXISTING PIPE (12")	5 LF		
WB US-50	1083+02.93	1084+21.13		EXISTING PIPE (18")	118 LF		
MEDIAN	1083+39.61	1083+93.40		EXISTING PIPE (18")	54 LF		
EB US-50	1083+13.95	1083+92.81		EXISTING PIPE (18")	79 LF		
MEDIAN	1087+98.80	1089+09.84		EXISTING PIPE (18")	11 LF		
WB US-50	1096+82.78	1097+70.72		EXISTING PIPE (24")	88 LF		
MEDIAN	1126+30.12	1126+91.45		EXISTING PIPE (18")	61 LF		
WB US-50	1126+41.94	1126+79.08		EXISTING PIPE (12")	37 LF		
MEDIAN	1135+98.97	1136+19.19		EXISTING PIPE (18")	21 LF		
EB US-50	1150+65.63	1151+25.65		EXISTING PIPE (30")	60 LF		
MEDIAN	1150+73.93	1151+35.20		EXISTING PIPE (18")	61 LF		
EB US-50	1153+29.11	1153+86.93		EXISTING PIPE (12")	58 LF		
WB US-50	1164+21.37	1165+17.78		EXISTING PIPE (24")	96 LF		
MEDIAN	1164+35.82	1164+96.77		EXISTING PIPE (18")	61 LF		
EB US-50	1164+40.00	1164+92.16		EXISTING PIPE (36")	52 LF		
EB US-50	VARIABLES		OUTSIDE	SIGNS	10 EA		
MEDIAN	VARIABLES		-	SIGNS	37 LF		
WB US-50	VARIABLES		OUTSIDE	SIGNS	14 EA		
EB TO WB CROSSOVER	0+00.00	9+39.01	MEDIAN	PAVEMENT	1110.5 SY		
WB TO EB CROSSOVER	0+00.00	9+79.10	MEDIAN	PAVEMENT	1144.2 SY		
EB TO WB CROSSOVER	3+12.79	6+08.38	MEDIAN	PIPE	297 LF		
WB TO EB CROSSOVER	3+04.87	6+85.00	MEDIAN	PIPE	382 LF		
EB TO WB CROSSOVER	0+51.76	3+42.05	CROSSOVER	SAWCUT	289 LF		
EB TO WB CROSSOVER	0+51.76	3+42.05	CROSSOVER	SHOULDER REMOVAL	120 SY		
EB TO WB CROSSOVER	5+84.08	8+45.24	CROSSOVER	SAWCUT	262 LF		
EB TO WB CROSSOVER	5+84.08	8+45.24	CROSSOVER	SHOULDER REMOVAL	97 SY		
WB TO EB CROSSOVER	0+94.37	3+66.19	CROSSOVER	SAWCUT	272 LF		
WB TO EB CROSSOVER	0+94.37	3+66.19	CROSSOVER	SHOULDER REMOVAL	105 SY		
WB TO EB CROSSOVER	6+16.36	8+90.88	CROSSOVER	SAWCUT	275 LF		
WB TO EB CROSSOVER	6+16.36	8+90.88	CROSSOVER	SHOULDER REMOVAL	115 SY		
SUBTOTALS					1 LS		
TOTALS					1 LS		

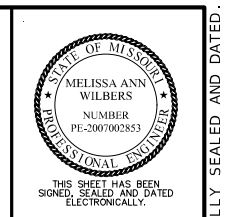
MOBILIZATION
TOTAL = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
TOTAL = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING
TOTAL = 4 EA

CLEAR AND GRUBBING
TOTAL = 1.34 AC
USE = 2.0 AC

CULVERT CLEANOUT		
LOCATION	STA.	EA
WB US-50	1046+06.94	1
TOTAL		
		1



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

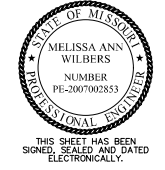
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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EARTHWORK								
ROUTE	LOCATION	STA.	STA.	UNCLASSIFIED EXCAVATION	COMPACTING EMBANKMENT	EMBANKMENT IN PLACE	COMPACTING IN CUT	REMARKS
				CY	CY	CY	STA	
US-50	MEDIAN CROSSOVER	1016+01.15	1016+53.63	211.7	0.0			USE 103.6 CY AT 401 J-TURN WB DECEL. USE 81.2 CY AT 401 J-TURN EB ACCEL. DISPOSE OF EXCESS 26.9 CY
US-50	WB 401 J-TURN DECEL	998+39.86	1006+25.20	279.7	237.7			OBTAIN 103.6 CY FROM MEDIAN CROSSOVER
US-50	EB 401 J-TURN ACCEL	998+30.86	1016+53.63	684.7	582.0			OBTAIN 81.2 CY FROM MEDIAN CROSSOVER
US-50	EB 401 J-TURN LOON	998+42.66	999+82.66	71.5	60.8			DISPOSE OF EXCESS 32.3 CY
US-50	WB 361 DECEL	1042+70.25	1050+28.75	675.5	574.2			USE 143.3 CY AT 361 OFFSET LT. DISPOSE OF EXCESS 83.9 CY
US-50	331 REMOVAL	1060+73.41	1061+22.07	62.6	0.0			DISPOSE OF EXCESS 62.6 CY
US-50	EB 361 OFFSET LT	1035+18.16	1044+04.63	373.9	317.9			OBTAIN 143.3 CY FROM 361 WB DECEL
US-50	EB 151 DECEL	1144+79.90	1152+34.57	962.5	818.2			USE 12.8 CY AT 121 WB DECEL. USE 464.6 CY AT 121 J-TURN ACCEL
US-50	EB 121 DECEL	1156+51.12	1165+12.21	936.7	796.2			USE 397.4 CY AT 121 WB J-TURN ACCEL. USE 182.9 CY AT 151 WB OFFSET LT. USE 97.9 CY AT 121 EB J-TURN DECEL
US-50	WB 121 DECEL	1164+14.90	1171+79.71	456.5	388.0			OBTAIN 12.8 CY FROM 151 EB DECEL
US-50	WB 121 J-TURN ACCEL	1159+40.84	1171+91.71	442.1	375.8			OBTAIN 464.6 CY FROM 151 EB DECEL. OBTAIN 397.4 CY FROM 121 EB DECEL
US-50	WB 151 OFFSET LT	1150+25.10	1159+40.83	452.3	384.5			OBTAIN 182.9 CY FROM 121 EB DECEL
US-50	EB 121 J-TURN DECEL	1163+71.12	1171+84.06	380.7	323.6	281.7		OBTAIN 97.9 CY FROM 121 EB DECEL
US-50	EB TO WB CROSSOVER	0+00.00	9+39.01	140.0	119.0	304.9		DISPOSE OF 304.9 CY FROM CROSSOVER REMOVAL
US-50	WB TO EB CROSSOVER	0+00.00	9+79.10	134.4	114.2	723.5		USE 278.2 CY AT 191 WB DECEL. DISPOSE OF EXCESS 445.3 CY
US-50	WB 191 DECEL	1126+11.10	1133+17.79	540.5	459.4			OBTAIN 278.2 CY FROM WB TO EB CROSSOVER REMOVAL
US-50	EB US-50 REPROFILE	1111+13.83	1120+31.42	10375.2	8819.0		10.2	USE 150.1 CY AT 191 J-TURN WB ACCEL. USE 519.1 CY AT 191 J-TURN EB DECEL. USE 415.9 CY AT 271 WB DECEL. USE 426.5 CY AT 251 WB DECEL. USE 816.2 CY AT 271 J-TURN WB ACCEL. USE 196.5 CY AT 331 J-TURN EB ACCEL. USE 362.9 CY AT 331 J-TURN EB LOON. USE 1429.2 CY AT 251 EB OFFSET LT. DISPOSE OF 4461.8 CY
US-50	EB 191 J-TURN ACCEL	1120+75.65	1137+43.22	817.5	694.9			OBTAIN 150.1 CY FROM REPROFILE.
US-50	WB 191 J-TURN DECEL	1119+99.60	1127+43.65	254.9	216.7			OBTAIN 519.1 CY FROM REPROFILE.
US-50	WB GAS STATION DECEL	1070+33.43	1077+36.89	523.9	445.3			USE 196.2 CY AT 271 WB DECEL
US-50	WB 271 DECEL	1083+14.58	1090+16.98	407.1	346.0			OBTAIN 196.2 CY FROM GS DECEL. OBTAIN 415.9 CY FROM REPROFILE.
US-50	WB 251 DECEL	1096+50.70	1103+55.50	696.0	591.6			OBTAIN 426.5 CY FROM REPROFILE
US-50	WB 331 J-TURN DECEL	1060+51.61	1068+18.70	332.6	282.7			USE AT 23.9 CY 271 J-TURN ACCEL
US-50	WB 271 J-TURN ACCEL	1072+37.49	1090+28.98	624.3	530.7			OBTAIN 23.9 CY FROM 331 J-TURN WB DECEL. OBTAIN 816.2 CY FROM REPROFILE
US-50	EB 331 J-TURN ACCEL	1060+44.62	1078+38.60	703.8	598.2			OBTAIN 196.5 CY FROM REPROFILE
US-50	EB 271 J-TURN DECEL	1082+06.75	1090+20.00	366.7	311.7			OBTAIN 362.9 CY FROM REPROFILE
US-50	EB 251 OFFSET LT	1090+20.00	1097+74.84	288.0	244.8			OBTAIN 1429.2 CY FROM REPROFILE
US-50	EB 331 J-TURN LOON	1060+56.54	1061+96.54	72.9	61.9			DISPOSE OF EXCESS 22.3 CY
US-50	EB 271 DECEL	1076+85.45	1084+24.85	848.6	721.3			DISPOSE OF EXCESS 566.8 CY
			TOTAL	23116.7	19416.0	1310.1	10.2	
			USE	23117	19416	1310	10.2	

PAVEMENT EDGE TREATMENT					
ROUTE	STA.	STA.	LOCATION	QUANTITY	REMARKS
				(LF)	
EB US-50	998+30.86	1016+53.63	401 J-TURN EB ACCEL	1783.8	
WB US-50	998+39.86	1006+25.20	401 J-TURN WB DECEL	769.0	
EB US-50	998+42.66	999+82.66	EB LOON	143.7	
EB US-50	1035+18.16	1044+04.63	361 EB OFFSET LT	942.8	
WB US-50	1042+70.25	1050+28.75	361 WB DECEL	858.7	
EB US-50	1060+44.62	1078+38.60	331 J-TURN EB ACCEL	1749.2	
WB US-50	1060+51.61	1068+18.70	331 J-TURN WB DECEL	748.6	
EB US-50	1060+56.54	1061+96.54	331 J-TURN EB LOON	143.9	
WB US-50	1070+33.43	1077+36.89	GS WB DECEL	694.4	
WB US-50	1072+37.49	1090+28.98	271 J-TURN WB ACCEL	1753.9	
EB US-50	1082+06.75	1097+74.84	EB DECEL/251 OFFSET LT	1661.6	
EB US-50	1076+85.45	1084+24.85	271 EB DECEL	792.9	
WB US-50	1083+14.58	1090+16.98	271 WB DECEL	706.6	
WB US-50	1096+50.70	1103+55.50	251 WB DECEL	784.5	
EB US-50	1111+13.83	1137+43.21	REPROFILE/191 J-TURN EB ACCEL	3605.7	
WB US-50	1119+99.60	1127+43.65	191 J-TURN WB DECEL	715.1	
WB US-50	1126+11.10	1133+17.79	191 WB DECEL	605.4	
EB US-50	1144+79.90	1151+91.42	151 EB DECEL	811.2	
WB US-50	1150+25.10	1171+91.71	151 OFFSET/WB ACCEL	2204.3	
EB US-50	1156+51.12	1165+12.21	121 EB DECEL	861.9	
EB US-50	1163+71.12	1171+84.06	121 J-TURN EB DECEL	798.6	
WB US-50	1164+14.90	1171+79.71	121 WB DECEL	786.4	
			TOTAL	23922.2	
			USE	23922	



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Bartlett & West

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SUMMARY OF QUANTITIES
SHEET 2 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

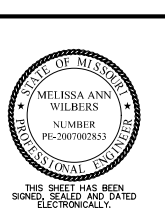
CABLE AND CABLE CONDUIT						
SHEET	LOC.	STA.	STA.	1" CABLE CONDUIT (TRENCH LF)	4" RIGID CONDUIT (PUSHED LF)	REMARKS
11	EB US-50	998+69.00	999+76.00		105	POLE TO PB
11	EB US-50	999+91.75	1004+98.75	515		PB to PB
11	EB US-50	1005+14.75	1009+89.50	475		PB to PB
11 & 12	EB US-50	1010+05.50	1014+80.25	475		PB to PB
12	EB US-50	1014+96.25	1024+33.00	936		PB TO CONTROLLER
12	EB US-50	1024+48.00	-	11		CONTROLLER TO POWER SUPPLY
12	EB US-50	1024+63.00	1029+37.75	475		CONTROLLER TO PB
12	EB US-50	1029+54.00	1034+28.75	475		PB TO PB
12	EB US-50	1034+44.75	1040+09.50	565		PB TO PB
12 & 13	EB US-50	1040+25.50	1042+90.00	264		PB TO PB
13	EB US-50	1043+06.00	1043+68.80		64	PB TO POLE
13	EB US-50 TO MEDIAN	1042+98.00	1042+98.00		56	PB TO POLE
13	MEDIAN TO MEDIAN	1042+97.60	1043+96.00		100	POLE TO PB
13	MEDIAN TO WB US-50	1044+04.00	1044+05.00		75	PB TO PB
13	WB US-50	1043+75.50	1044+04.50	31		POLE TO PB
13	EB US-50	1060+78.50	1062+33.50		155	POLE TO PB
13	EB US-50	1062+49.50	1066+27.00	375		PB TO PB
13	EB US-50	1066+37.00	1067+32.00		91	PB TO PB
13	EB US-50	1066+43.00	1067+24.50	82		PB TO PB
13	EB US-50	1067+40.50	1067+62.50	23		PB TO CONTROLLER
13 & 14	EB US-50	1067+40.50	1072+14.75	475		PB TO PB
14	EB US-50	1072+30.75	1076+89.75	459		PB TO PB
14	EB US-50	1077+05.75	1082+99.65	593		PB TO PB
14	EB US-50	1083+15.75	1084+23.00		107	PB TO PB
14	EB US-50	1084+39.00	1089+13.00	474		PB TO PB
14	EB US-50 TO MEDIAN	1089+21.00	1089+23.00		75	PB TO PB
14	MEDIAN TO WB US-50	1089+31.00	1089+92.00		99	PB TO POLE
14	EB US-50	1089+29.00	1094+92.30	563		PB TO PB
14	EB US-50	1095+08.25	1096+92.00	184		PB TO PB
14	EB US-50 TO MEDIAN	1097+00.00	1096+95.00		79	PB TO POLE
15	MEDIAN TO MEDIAN	1097+08.00	1097+82.50		88	POLE TO PB
15	MEDIAN TO WB US-50	1097+90.50	1097+88.00		55	PB TO POLE
15	WB US-50	1097+47.25	1097+88.00		51	POLE TO POLE
14 & 15	EB US-50	1096+92.00	1102+11.00	487		PB TO PB
15	EB US-50	1102+11.00	1113+04.75	1078		PB TO PB
15	EB US-50	1113+04.75	1120+40.00	735		PB TO POLE
16	EB US-50	1150+78.00	1150+26.50	55		CONTROLLER TO PB
16	EB US-50	1150+26.50	1150+66.00	39		PB TO POLE
16	EB US-50	1150+26.50	1150+78.00	46		PB to CONTROLLER
16	EB US-50	1150+26.50	1151+36.00		98	PB TO POLE
16	EB US-50 TO MEDIAN	1150+26.50	1151+49.50		109	PB TO POLE
16	MEDIAN TO WB US-50	1151+49.50	1151+35.25		98	POLE TO PB
16	WB US-50	1151+35.25	1155+82.00	431		PB TO PB
16	WB US-50	1155+98.00	1163+94.00	796		PB TO PB
16	WB US-50	1164+10.00	1165+08.00	99		PB TO PB
16	WB US-50	1165+24.00	1169+94.50	471		PB TO PB
16	WB US-50	1170+10.50	1171+64.75		155	PB TO POLE
	TOTALS			11687.0	1660.0	
	USE			11690	1660.0	

HIGHWAY LIGHTING								
SHEET NUMBER	STA	OFFSET	BRACKET ARM	LIGHTING POLE	LUMINAIRE	POLE FOUNDATION	CABLE # 10 AWG 1 CONDUCTOR	REMARKS
			15 FT (EACH)	45 FT (EACH)	LED-B (LF)	45 FT M.H. (EACH)	POLE & BRACKET (LF)	
11	998+69.00	37' RT	1	1	1	1	120	
12	1042+98.00	30' RT	1	1	1	1	120	
12	1043+72.00	53' RT	1	1	1	1	120	
12	1043+72.00	71' LT	1	1	1	1	120	
13	1060+76.00	37' RT	1	1	1	1	120	
14	1089+90.00	35' LT	1	1	1	1	120	
15	1097+15.00	23' RT	1	1	1	1	120	
15	1097+47.20	66' LT	1	1	1	1	120	
15	1097+88.00	34' RT	1	1	1	1	120	
15	1120+40.00	37' RT	1	1	1	1	120	
16	1150+66.00	79' RT	1	1	1	1	120	
16	1151+36.00	80' RT	1	1	1	1	120	
16	1151+31.50	19' RT	1	1	1	1	120	
16	1171+65.30	31' LT	1	1	1	1	120	
	TOTALS		14	14	14	14	1680	

PERFORMED PULL BOX. CLASS 1						
SHEET NUMBER	LOCATION	STATION	OFFSET	TYPE I	TYPE IIA	REMARKS
				EACH	EACH	
85	EB US-50	999+92.00	43' RT	1		
85	EB US-50	1005+15.00	41' RT	1		
85	EB US-50	1010+05.50	41' RT	1		
86	EB US-50	1014+96.25	41' RT	1		
86	EB US-50	1029+54.00	54' RT	1		
86	EB US-50	1034+45.00	52' RT	1		
86	EB US-50	1040+09.50	51' RT	1		
87	EB US-50	1042+90.00	47' RT	1		
87	MEDIAN	1043+96.00	22' LT	1		
87	WB US-50	1044+12.50	59' LT		1	
87	EB US-50	1062+33.50	52' RT	1		
87	EB US-50	1066+27.00	51' RT	1		
87	EB US-50	1067+24.50	50' RT		1	
88	EB US-50	1072+31.00	58' RT	1		
88	EB US-50	1077+05.75	61' RT	1		
88	EB US-50	1083+15.75	59' RT	1		
88	EB US-50	1084+39.00	51' RT	1		
88	EB US-50	1089+29.00	58' RT	1		
88	MEDIAN	1089+14.75	49' RT		1	
88	EB US-50	1094+92.25	58' RT	1		
89	EB US-50	1096+92.00	58' RT	1		
89	MEDIAN	1097+98.50	21' LT		1	
89	EB US-50	1102+11.00	57' RT	1		
89	EB US-50	1113+04.75	56' RT	1		
90	EB US-50	1150+26.50	55' RT		1	
90	WB US-50	1151+35.25	49' LT	1		
90	WB US-50	1155+98.00	52' LT	1		
90	WB US-50	1163+94.00	58' LT	1		
90	WB US-50	1165+24.00	71' LT	1		
90	WB US-50	1169+94.50	53' LT	1		
			TOTALS	25	5	

POWER SUPPLY AND BASE MOUNTED CONTROL STATION				
SHEET	STA	OFFSET	POWER SUPPLY	REMARKS
			ASSEMBLY TYPE 2 240/120 VOLT SERVICE LIGHTING ONLY (EACH)	
12	1024+33.00	53' RT	1	
13	1067+47.50	69' RT	1	
16	1150+78.00	110' RT	1	
			TOTALS	3

SUMMARY OF QUANTITIES
SHEET 4 OF 10



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JOHNSON

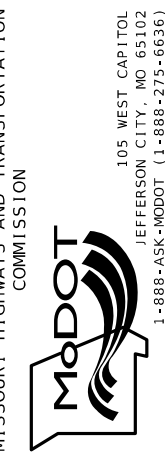
JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

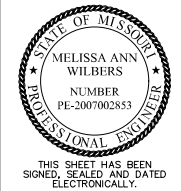


Bartlett & West
601 MONROE ST., SUITE 204 - JEFFERSON CITY, MO 65101
PHONE 873-64-6181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

PAVEMENT MARKING (PERMANENT)

ROUTE	LOCATION	STA.	STA.	HIGH BUILD WATERBORNE						THERMOPLASTIC			REMARKS	
				6" WHITE			6" YELLOW	12" WHITE		12" WHITE	24" WHITE	WHITE TURN ARROW		
				SOLID	DOTTED	INTERMITTENT	SOLID	SOLID	DOTTED	YIELD LINE TRIANGLES	DIAGONAL SOLID			
(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	WHITE 50' SPACING	(LF)	(EA)					
50	EB ACCEL US-50	998+31.00	998+51.00				20.0							401 J-TURN
50	EB ACCEL US-50	998+51.00	1002+31.00					380.0						401 J-TURN
50	EB ACCEL/WB DECEL	998+51.00	998+72.00	82.6										401 J-TURN
50	EB ACCEL US-50	998+97.00	1016+54.00				1757.0							401 J-TURN
50	EB ACCEL US-50	1002+31.00	1016+53.00		142.2									401 J-TURN
50	EB LOON	998+43.00	999+83.00	140.0										401 J-TURN
50	WB DECEL US-50	998+40.00	998+72.00				32.0							401 J-TURN
50	WB DECEL US-50	998+72.00	1000+40.00	168.0										401 J-TURN
50	WB DECEL US-50	998+97.00	1006+25.00				739.0							401 J-TURN
50	WB DECEL US-50	1000+40.00	1004+45.00		15.0									401 J-TURN
50	WB DECEL US-50	1003+44.00	-									1		401 J-TURN
50	WB DECEL US-50	1016+03.00	1016+71.00				68.0							401 J-TURN
50	EB DECEL US-50	1028+13.00	1028+74.00				62.0							361 J-TURN
50	WB ACCEL US-50	1028+27.00	1028+87.00				60.0							361 J-TURN
50	OFFSET 361 LT	1035+18.00	1043+98.00				782.0							361 OFFSET LEFT
50	OFFSET 361 LT	1035+18.00	1043+98.00		88.00									361 OFFSET LEFT
50	OFFSET 361 LT	1036+98.00	1042+67.00					569.0						361 OFFSET LEFT
50	OFFSET 361 LT	1037+09.00	-									1		361 OFFSET LEFT
50	OFFSET 361 LT	1039+06.00	-									1		361 OFFSET LEFT
50	OFFSET 361 LT	1039+58.00	1042+67.00					309.0						361 OFFSET LEFT
50	OFFSET 361 LT	1039+78.00	1043+69.00					401.0						361 OFFSET LEFT
50	OFFSET 361 LT	1039+78.00	1043+69.00							108.0				361 OFFSET LEFT
50	OFFSET 361 LT	1040+56.00	-									1		361 OFFSET LEFT
50	OFFSET 361 LT	1042+06.00	-									1		361 OFFSET LEFT
50	OFFSET 361 LT	1042+98.00	-						12.0					361 OFFSET LEFT
50	WB DECEL US-50	1042+70.00	1043+31.00	126.0										361 WB DECEL
50	WB DECEL US-50	1043+01.00	1043+77.00				77.0							361 WB DECEL
50	WB DECEL US-50	1043+45.00	1050+29.00	747.0										361 WB DECEL
50	WB DECEL US-50	1043+63.00	1045+88.00					225.0						361 WB DECEL
50	WB DECEL US-50	1044+23.00	1044+37.00				122.0							361 WB DECEL
50	WB DECEL US-50	1044+38.00	-									1		361 WB DECEL
50	WB DECEL US-50	1045+88.00	1048+49.00		86.0									361 WB DECEL
50	WB DECEL US-50	1046+38.00	-									1		361 WB DECEL
50	WB DECEL US-50	1048+38.00	-									1		361 WB DECEL
50	EB ACCEL US-50	1060+45.00	1060+60.00				15.0							GAS STATION J-TURN
50	EB ACCEL US-50	1060+60.00	1064+45.00					385.0						GAS STATION J-TURN
50	WB DECEL US-50	1060+51.00	1060+85.00				34.0							GAS STATION J-TURN
50	EB ACCEL/WB DECEL	1060+60.00	1060+85.00	80.3										GAS STATION J-TURN
50	WB DECEL US-50	1060+85.00	1062+51.00	166.0										GAS STATION J-TURN
50	EB LOON	1060+57.00	1061+97.00	140.0										GAS STATION J-TURN
50	EB ACCEL US-50	1061+08.00	1078+38.00				1734.0							GAS STATION J-TURN
50	WB DECEL US-50	1061+08.00	1068+19.00				718.0							GAS STATION J-TURN
50	WB DECEL US-50	1061+61.00	-									1		GAS STATION J-TURN
50	WB DECEL US-50	1062+51.00	1068+19.00		188.0									GAS STATION J-TURN
50	WB DECEL US-50	1062+61.00	-									1		GAS STATION J-TURN
50	EB ACCEL US-50	1064+45.00	1078+38.00		464.3									GAS STATION J-TURN
50	WB DECEL US-50	1070+34.00	1070+90.00											GAS STATION J-TURN
50	WB DECEL US-50	1071+20.00	1077+37.00	637.0										GAS STATION J-TURN
50	WB DECEL US-50	1071+32.00	1073+57.00				225.0							GAS STATION J-TURN
50	WB DECEL US-50	1072+06.00	-									1		GAS STATION J-TURN
50	WB DECEL US-50	1072+37.00	1086+29.00		464.0									GAS STATION J-TURN
50	WB DECEL US-50	1072+37.00	1089+65.00				1733.0							GAS STATION J-TURN
50	WB DECEL US-50	1073+56.00	1075+57.00		67.0									GAS STATION J-TURN
50	WB DECEL US-50	1073+76.00	-									1		GAS STATION J-TURN
50	WB DECEL US-50	1075+46.00	-									1		GAS STATION J-TURN
50	EB DECEL US-50	1076+85.00	1083+51.00	699.0										271 EB DECEL
50	EB DECEL US-50	1078+65.00	1081+08.00		81.0									271 EB DECEL
50	EB DECEL US-50	1078+79.00	-									1		271 EB DECEL
50	EB DECEL US-50	1080+69.00	-									1		271 EB DECEL
50	EB DECEL US-50	1081+08.00	1083+34.00					226.0						271 J-TURN
50	EB DECEL US-50	1082+07.00	1088+29.00		207.3									271 J-TURN
50	EB DECEL US-50	1082+07.00	1089+64.00				769.0							271 J-TURN
50	EB DECEL US-50	1083+67.00	1084+25.00	101.0										271 J-TURN
50	WB ACCEL US-50	1083+15.00	1083+53.00	58.0										271 J-TURN
50	WB ACCEL US-50	1083+71.00	1089+41.00	462.0										271 J-TURN
50	WB ACCEL US-50	1083+92.00	1086+17.00					225.0						271 J-TURN
50	WB ACCEL US-50	1084+67.00	-									1		271 J-TURN
50	WB ACCEL US-50	1086+17.00	1088+79.00						131.0					271 J-TURN
50	WB ACCEL US-50	1086+29.00	1090+08.00	379.0										271 J-TURN
50	WB ACCEL US-50	1086+67.00	-									1		271 J-TURN
50	WB LOON	1088+79.00	1090+17.00											271 J-TURN
50	WB LOON	1088+79.00	1090+17.00	140.0					138.0					271 J-TURN
SUBTOTAL				4125.9	1802.8	0	8947.0	2858.0	131	12	108	17		

SUMMARY OF QUANTITIES SHEET 5 OF 10



DATE PREPARED: 11/19/2024
 ROUTE: 50 STATE: MO
 DISTRICT: KC SHEET NO.: 3

COUNTY: JOHNSON
 JOB NO.: JKR0136
 CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

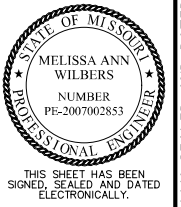
DATE	DESCRIPTION

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 872-64-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

ROUTE	LOCATION	STA.	STA.	PAVEMENT MARKING (PERMANENT)						REMARKS		
				HIGH BUILD WATERBORNE			THERMOPLASTIC					
				6" WHITE		6" YELLOW	12" WHITE		12" WHITE		24" WHITE	WHITE TURN ARROW (EACH)
				SOLID (LF)	DOTTED (LF)	INTERMITTENT (LF)	SOLID (LF)	SOLID (LF)	DOTTED (LF)		YIELD LINE TRIANGLES (EA)	
50	EB DECEL US-50	1163+71.00	1171+27.00				768.0				121 EB DECEL	
50	EB DECEL US-50	1163+71.00	1169+84.00		204.3						121 EB DECEL	
50	WB DECEL US-50	1164+15.00	1164+56.00	67.0							121 WB DECEL	
50	WB DECEL US-50	1164+72.00	1170+42.00	591.0							121 WB DECEL	
50	WB DECEL US-50	1164+93.00	1167+19.00				225.0				121 WB DECEL	
50	WB DECEL US-50	1165+94.00	-							1	121 WB DECEL	
50	EB DECEL US-50	1166+79.00	-							1	121 EB DECEL	
50	WB DECEL US-50	1167+19.00	1170+42.00					161.5			121 WB DECEL	
50	WB DECEL US-50	1167+88.00	1171+74.00	404.0							121 WB DECEL	
50	WB DECEL US-50	1171+74.00	1171+92.00	404.0							121 WB DECEL	
50	WB DECEL US-50	1167+94.00	-							1	121 WB DECEL	
50	EB DECEL US-50	1169+84.00	1171+55.00				29.0	171.0			121 EB DECEL	
50	EB DECEL US-50	1171+55.00	1171+84.00								121 EB DECEL	
50	EB DECEL/WB ACCEL	1171+55.00	1171+74.00	76.7							121 EB DECEL	
50	WB DECEL US-50	1169+94.00	-							1	121 WB DECEL	
50	WB LOON	1170+42.00	1171+80.00	140.0							121 WB DECEL	
50	WB LOON	1170+42.00	1171+80.00				138.0				121 WB DECEL	
50	EB DECEL US-50	1170+79.00	-							1	121 EB DECEL	
SUBTOTAL				1682.7	204.3	0	797.0	534.0	161.5	0	0	5
TOTAL				10771.5	3352.5	103.1	16373.0	6280.0	292.5	48	220	44
USE					14227		16373	6573		48	220	44

ROUTE	LOCATION	STA.	STA.	PAVEMENT MARKING (TEMPORARY)						REMARKS	
				4" TEMPORARY PAVEMENT MARKING PAINT		4" TEMPORARY REMOVABLE MARKING TAPE		TEMPORARY PAINT REMOVAL			
				WHITE (LF)	YELLOW (LF)	WHITE (LF)	YELLOW (LF)	(LF)			
EB US-50	CL	1057+13.82	1076+67.81			1954					
EB TO WB CROSSOVER	RT	1076+67.81	1080+57.91	392				392		HEAD TO HEAD	
WB US-50	RT	1080+57.91	1130+42.91			4983					
WB TO EB CROSSOVER	RT	1130+42.91	1134+41.92	373				373			
EB US-50	RT	1134+41.92	1137+51.06			307					
EB TO WB CROSSOVER	LT	1073+44.05	1078+44.85		506			506			
WB US-50	CL	1078+44.85	1132+62.13				5416			HEAD TO HEAD	
WB TO EB CROSSOVER	LT	1132+62.13	1137+52.42		493			493			
WB US-50	CL	1072+25.32	1151+30.43				8002				
EB US-50	CL	1083+00.00	1106+27.37				2327				
EB US-50	CL	1083+00.00	1106+27.37				2327				
EB US-50	LT	1083+92.99	1097+82.25			1288					
EB US-50	LT	1097+50.38	1106+27.37			877					
TOTALS				765.0	999.0	9409.0	18072.0	1764.0			
USE					1764	9409	18072	1764			

LOCATION	STA	INLETS & MANHOLE			REMARKS
		TYPE S-1 INLET 5' X 3'	MANHOLE FRAME AND COVER TYPE 2	CLASS 3 EXCAVATION	
		FT	EA	CY	
EB US-50	997+99.53	7.1		8.5	I-1
EB US-50	1039+88.08	7.0		8.5	I-2
EB US-50	1043+03.70		1	8.5	MH-1
EB US-50	1074+64.03	7.0		8.5	I-3
EB US-50	1087+73.67	7.8		8.5	I-4
EB US-50	1096+29.04	7.0		8.5	I-5
EB US-50	1135+83.91	7.0		8.5	I-6
EB US-50	1168+58.09	7.8		8.5	I-7
TOTALS		50.7	1.0	68.0	
USE		51.0	1	68.0	

LOCATION	STA	OFFSET	STA	OFFSET	PIPE CULVERTS AND END SECTIONS					18" FLARED END SECTION GROUP A	24" FLARED END SECTION GROUP A	30" FLARED END SECTION GROUP A	36" FLARED END SECTION GROUP A	TYPE A PIPE COLLAR	ROCK LINING	CLASS 3 EXCAVATION	REMARKS
					GROUP A												
					15" LENGTH LF	18" LENGTH LF	24" LENGTH LF	30" LENGTH LF	36" LENGTH LF								
EB US-50	998+01.01	42.50' LT	988+28.13	38.94' LT													P-1
EB US-50	1039+89.58	43.37' LT	1043+02.45	40.33' LT		28.0											P-2
EB US-50	1043+03.04	21.34' LT	1043+03.21	46.37' RT				25.0									P-3
EB US-50	1060+06.54	42.69' RT	1061+22.85	42.09' RT		112.0				2							P-4
WB US-50	10+53.89	34.33' LT	1071+67.50	41.57' LT		15.0				1							P-5
WB US-50	1074+76.20	28.68' LT	1074+76.25	44.37' LT			14.0				1				0.4		P-6
EB US-50	1073+78.20	41.95' LT	1074+76.14	42.88' LT	96.0										0.5		P-7
WB US-50	1083+24.11	35.20' LT	1083+94.04	45.24' LT		70.0				2							P-8
EB US-50	1083+23.37	46.90' RT	1083+87.80	46.49' RT		64.0				2					0.4		P-9
EB US-50	1089+75.29	40.70' RT	1088+10.12	42.30' RT		35.0											P-10
EB US-50	1088+76.80	134.76' LT	1088+97.33	161.47' LT				34.0									P-11
WB US-50	1089+45.29	41.17' RT	1090+65.62	34.19' RT		120.0				2					1.0		P-12
WB US-50	1096+31.54	29.35' RT	1096+75.20	31.40' RT		44.0											P-13
EB US-50	1096+81.34	52.94' LT	1097+51.06	61.17' LT		70.0				2							P-14
WB US-50	1119+49.67	40.81' LT	1120+72.90	43.67' RT		123.0				2					0.4		P-15
EB US-50	1126+11.19	35.12' LT	1127+02.94	44.54' LT	92.0					2							P-16
EB US-50	1135+85.41	46.64' LT	1136+20.83	45.44' LT		28.0									0.4		P-17
EB US-50	1150+63.98	60.00' RT	1151+37.90	60.7' RT		74.0				2							P-18
WB US-50	1164+33.13	40.50' LT	1165+02.02	49.44' LT		69.0				2					0.4		P-19
EB US-50	1164+27.91	53.62' RT	1165+02.24	57.33' RT				75.0				2			1.0		P-20
EB US-50	1168+56.66	40.05' LT	1168+99.30	40.58' LT	43.0								1.0				P-21
EB US-50	1171+06.11	44.61' RT	1172+32.28	44.97' RT		126.0				2							P-22
TOTALS					231	1290	14	25	109	21	1	1	3	9	5.5	1469.2	
USE					231	1290	14	25	109	21	1	1	3	9	6	1469	

SUMMARY OF QUANTITIES
SHEET 7 OF 10



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

JOB NO.
JKR0136

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

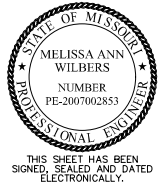
601 MONROE ST., SUITE 204 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE A - RTE 50 ASPHALT PAVEMENT				
ROUTE	STA.	STA.	ASPHALTIC PAVEMENT	REMARKS
			12" THICKNESS	
			SY	
EB US-50	1111+13.83	1121+45.42	3692.8	REPROFILE
TOTALS			3692.8	
USE			3692.8	

NOTE: 9.5" PAVEMENT THICKNESS USED IN DESIGN

ALTERNATE A-ASPALT PAVEMENT
SUMMARY OF QUANTITIES
SHEET 8 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

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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 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707, ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE B - RTE 50 CONCRETE PAVEMENT				
ROUTE	STA.	STA.	PCCP	REMARKS
			9.5" THICKNESS	
			SY	
EB US-50	1111+13.83	1121+45.42	3692.8	REPROFILE
TOTALS			3692.8	
USE			3692.8	

ALTERNATE B-CONCRETE PAVEMENT
SUMMARY OF QUANTITIES
SHEET 8 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

JOB NO.
JKR0136

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)

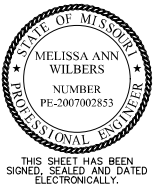
Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE C - RTE 50 ASPHALT SHOULDER						
ROUTE	STA.	STA.	LOCATION	TYPE	SHOULDER	REMARKS
				A2 SHOULDER	RUMBLE STRIP	
				SY	STA	
EB US-50	1111+13.83	1121+45.42	CL	1025.7		REPROFILE
EB US-50	1111+13.83	1119+43.40	LT		8.3	REPROFILE
EB US-50	1111+13.83	1119+78.00	RT		8.6	REPROFILE
TOTALS				1025.7	16.9	
USE				1025.7	16.9	

ALTERNATE C-ASPHALT SHOULDER
SUMMARY OF QUANTITIES
SHEET 8 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
1/13/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 3

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

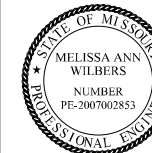
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
 601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

ALTERNATE D - RTE 50 CONCRETE SHOULDER						
ROUTE	STA.	STA.	LOCATION	TYPE	SHOULDER	REMARKS
				A2 SHOULDER	RUMBLE STRIP	
				SY	STA	
EB US-50	1111+13.83	1121+45.42	CL	1025.7		REPROFILE
EB US-50	1111+13.83	1119+43.40	LT		8.3	REPROFILE
EB US-50	1111+13.83	1119+78.00	RT		8.6	REPROFILE
TOTALS				1025.7	16.9	
USE				1025.7	16.9	

ALTERNATE D-CONCRETE SHOULDER
 SUMMARY OF QUANTITIES
 SHEET 8 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
1/13/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 3

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

ALTERNATE E - RTE 50 ASPHALT MAINLINE IMPROVEMENTS				
ROUTE	STA.	STA.	ASPHALTIC PAVEMENT 10" THICKNESS	REMARKS
			SY	
EB US-50	998+30.86	1016+53.63	2556.0	401 J-TURN EB ACCEL
WB US-50	998+39.86	1006+25.20	1187.3	401 J-TURN WB DECEL
EB US-50	998+42.66	999+82.66	224.1	EB LOON
EB US-50	1035+18.16	1044+04.63	1441.6	361 EB OFFSET LT
WB US-50	1042+70.25	1050+28.75	1351.8	361 WB DECEL
EB US-50	1060+44.62	1078+38.60	2500.5	331 J-TURN EB ACCEL
WB US-50	1060+51.61	1068+18.70	1174.1	331 J-TURN WB DECEL
EB US-50	1060+56.54	1061+96.54	221.5	331 J-TURN EB LOON
WB US-50	1070+33.43	1077+36.89	1131.5	GS WB DECEL
WB US-50	1072+37.49	1090+28.98	2478.4	271 J-TURN WB ACCEL
EB US-50	1082+06.75	1090+20.00	1573.9	271 J-TURN EB DECEL
EB US-50	1090+20.00	1097+74.84	1228.0	251 OFFSET LT
EB US-50	1076+85.45	1084+24.85	1292.8	271 EB DECEL
WB US-50	1083+14.58	1090+16.98	1307.3	271 WB DECEL
WB US-50	1096+50.70	1103+55.50	1234.8	251 WB DECEL
EB US-50	1121+45.42	1137+43.22	3167.7	191 J-TURN EB ACCEL
WB US-50	1119+99.60	1127+43.65	1111.8	191 J-TURN WB DECEL
WB US-50	1126+11.10	1133+17.79	1202.3	191 WB DECEL
EB US-50	1144+79.90	1151+91.42	1487.2	151 EB DECEL
WB US-50	1150+25.10	1171+91.71	3592.0	151 OFFSET/WB ACCEL
EB US-50	1156+51.12	1165+12.21	1339.9	121 EB DECEL
EB US-50	1163+71.12	1171+84.06	1238.6	121 J-TURN EB DECEL
WB US-50	1164+14.90	1171+79.71	1454.4	121 WB DECEL
TOTALS			35497.5	
USE			35497.5	

NOTE: 8" PCCP PAVEMENT THICKNESS USED IN DESIGN.

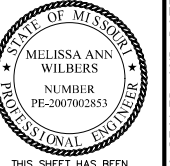
DESCRIPTION

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1/13/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 3

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.


PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

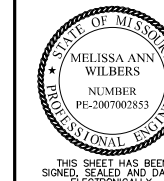


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Bartlett & West
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PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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ALTERNATE F - RTE 50 CONCRETE MAINLINE IMPROVEMENTS				
ROUTE	STA.	STA.	PCCP	REMARKS
			8" THICKNESS	
			SY	
EB US-50	998+30.86	1016+53.63	2556.0	401 J-TURN EB ACCEL
WB US-50	998+39.86	1006+25.20	1187.3	401 J-TURN WB DECEL
EB US-50	998+42.66	999+82.66	224.1	EB LOON
EB US-50	1035+18.16	1044+04.63	1441.6	361 EB OFFSET LT
WB US-50	1042+70.25	1050+28.75	1351.8	361 WB DECEL
EB US-50	1060+44.62	1078+38.60	2500.5	331 J-TURN EB ACCEL
WB US-50	1060+51.61	1068+18.70	1174.1	331 J-TURN WB DECEL
EB US-50	1060+56.54	1061+96.54	221.5	331 J-TURN EB LOON
WB US-50	1070+33.43	1077+36.89	1131.5	GS WB DECEL
WB US-50	1072+37.49	1090+28.98	2478.4	271 J-TURN WB ACCEL
EB US-50	1082+06.75	1090+20.00	1573.9	271 J-TURN EB DECEL
EB US-50	1090+20.00	1097+74.84	1228.0	251 OFFSET LT
EB US-50	1076+85.45	1084+24.85	1292.8	271 EB DECEL
WB US-50	1083+14.58	1090+16.98	1307.3	271 WB DECEL
WB US-50	1096+50.70	1103+55.50	1234.8	251 WB DECEL
EB US-50	1121+45.42	1137+43.22	3167.7	191 J-TURN EB ACCEL
WB US-50	1119+99.60	1127+43.65	1111.8	191 J-TURN WB DECEL
WB US-50	1126+11.10	1133+17.79	1202.3	191 WB DECEL
EB US-50	1144+79.90	1151+91.42	1487.2	151 EB DECEL
WB US-50	1150+25.10	1171+91.71	3592.0	151 OFFSET/WB ACCEL
EB US-50	1156+51.12	1165+12.21	1339.9	121 EB DECEL
EB US-50	1163+71.12	1171+84.06	1238.6	121 J-TURN EB DECEL
WB US-50	1164+14.90	1171+79.71	1454.4	121 WB DECEL
TOTALS			35497.5	
USE			35497.5	

ALTERNATE F-CONCRETE PAVEMENT
SUMMARY OF QUANTITIES
SHEET 9 OF 10



DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

JOB NO.
JKR0136


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

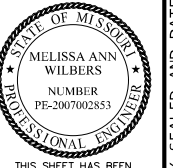


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE G - RTE 50 ASPHALT SHOULDER MAINLINE IMPROVEMENTS				
ROUTE	STA.	STA.	TYPE	REMARKS
			A2 SHOULDER	
			SY	
EB US-50	998+30.86	1016+53.63	773.3	401 J-TURN EB ACCEL
WB US-50	998+39.86	1006+25.20	311.3	401 J-TURN WB DECEL
EB US-50	1035+18.16	1044+04.63	352.4	361 EB OFFSET LT
WB US-50	1042+70.25	1050+28.75	443.4	361 WB DECEL
EB US-50	1060+44.62	1078+38.60	760.1	331 J-TURN EB ACCEL
WB US-50	1060+51.61	1068+18.70	302.4	331 J-TURN WB DECEL
WB US-50	1070+33.43	1077+36.89	403.1	GS WB DECEL
WB US-50	1072+37.49	1090+28.98	760.0	271 J-TURN WB ACCEL
EB US-50	1082+06.75	1090+20.00	324.9	271 J-TURN EB DECEL
EB US-50	1090+20.00	1097+74.84	328.1	251 OFFSET LT
EB US-50	1076+85.45	1084+24.85	419.0	271 EB DECEL
WB US-50	1083+14.58	1090+16.98	306.3	271 WB DECEL
WB US-50	1096+50.70	1103+55.50	406.2	251 WB DECEL
EB US-50	1121+45.42	1137+43.22	709.3	191 J-TURN EB ACCEL
WB US-50	1119+99.60	1127+43.65	291.3	191 J-TURN WB DECEL
WB US-50	1126+11.10	1133+17.79	416.4	191 WB DECEL
EB US-50	1144+79.90	1151+91.42	376.1	151 EB DECEL
WB US-50	1150+25.10	1171+91.71	882.5	151 OFFSET/WB ACCEL
EB US-50	1156+51.12	1165+12.21	526.4	121 EB DECEL
EB US-50	1163+71.12	1171+84.06	324.6	121 J-TURN EB DECEL
WB US-50	1164+14.90	1171+79.71	347.3	121 WB DECEL
TOTALS			9764.4	
USE			9764.4	

ALTERNATE G-ASPHALT SHOULDER
SUMMARY OF QUANTITIES
SHEET 9 OF 10



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

ALTERNATE F - RTE 50 CONCRETE MAINLINE IMPROVEMENTS				
ROUTE	STA.	STA.	PCCP	REMARKS
			8" THICKNESS	
			SY	
EB US-50	998+30.86	1016+53.63	2556.0	401 J-TURN EB ACCEL
WB US-50	998+39.86	1006+25.20	1187.3	401 J-TURN WB DECEL
EB US-50	998+42.66	999+82.66	224.1	EB LOON
EB US-50	1035+18.16	1044+04.63	1441.6	361 EB OFFSET LT
WB US-50	1042+70.25	1050+28.75	1351.8	361 WB DECEL
EB US-50	1060+44.62	1078+38.60	2500.5	331 J-TURN EB ACCEL
WB US-50	1060+51.61	1068+18.70	1174.1	331 J-TURN WB DECEL
EB US-50	1060+56.54	1061+96.54	221.5	331 J-TURN EB LOON
WB US-50	1070+33.43	1077+36.89	1131.5	GS WB DECEL
WB US-50	1072+37.49	1090+28.98	2478.4	271 J-TURN WB ACCEL
EB US-50	1082+06.75	1090+20.00	1573.9	271 J-TURN EB DECEL
EB US-50	1090+20.00	1097+74.84	1228.0	251 OFFSET LT
EB US-50	1076+85.45	1084+24.85	1292.8	271 EB DECEL
WB US-50	1083+14.58	1090+16.98	1307.3	271 WB DECEL
WB US-50	1096+50.70	1103+55.50	1234.8	251 WB DECEL
EB US-50	1121+45.42	1137+43.22	3167.7	191 J-TURN EB ACCEL
WB US-50	1119+99.60	1127+43.65	1111.8	191 J-TURN WB DECEL
WB US-50	1126+11.10	1133+17.79	1202.3	191 WB DECEL
EB US-50	1144+79.90	1151+91.42	1487.2	151 EB DECEL
WB US-50	1150+25.10	1171+91.71	3592.0	151 OFFSET/WB ACCEL
EB US-50	1156+51.12	1165+12.21	1339.9	121 EB DECEL
EB US-50	1163+71.12	1171+84.06	1238.6	121 J-TURN EB DECEL
WB US-50	1164+14.90	1171+79.71	1454.4	121 WB DECEL
TOTALS			35497.5	
USE			35497.5	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

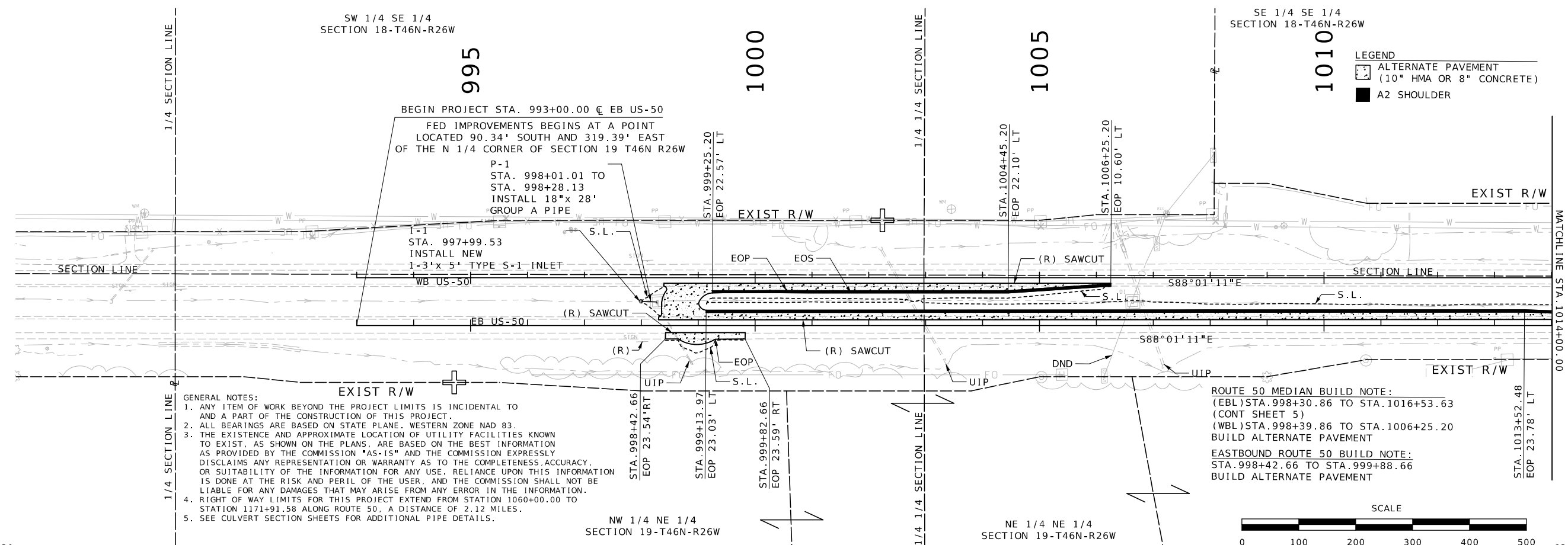
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 672-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

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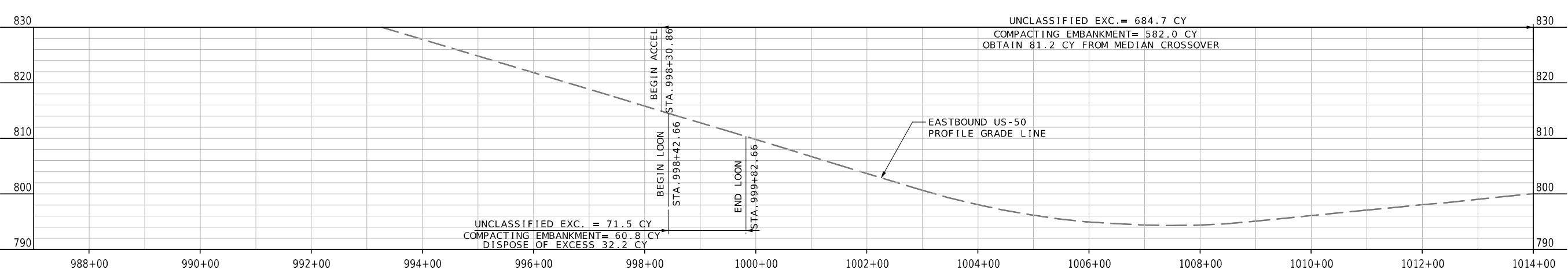
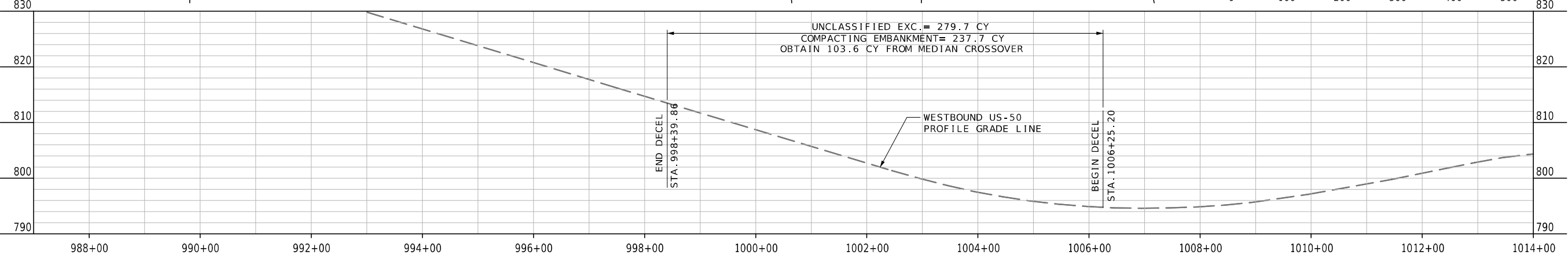
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Professional Engineer Seal for Melissa Ann Wilbers, Missouri State Seal, Missouri DOT logo, Bartlett & West logo, Missouri Highways and Transportation Commission logo, contact information for Bartlett & West.



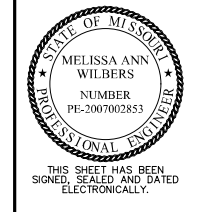
GENERAL NOTES:

1. ANY ITEM OF WORK BEYOND THE PROJECT LIMITS IS INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL BEARINGS ARE BASED ON STATE PLANE, WESTERN ZONE NAD 83.
3. THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AS 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.
4. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STATION 1060+00.00 TO STATION 1171+91.58 ALONG ROUTE 50, A DISTANCE OF 2.12 MILES.
5. SEE CULVERT SECTION SHEETS FOR ADDITIONAL PIPE DETAILS.



LEGEND

- ALTERNATE PAVEMENT (10" HMA OR 8" CONCRETE)
- A2 SHOULDER



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

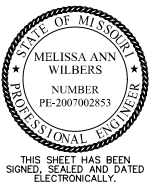
DATE	DESCRIPTION

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 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 5

COUNTY JOHNSON
JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

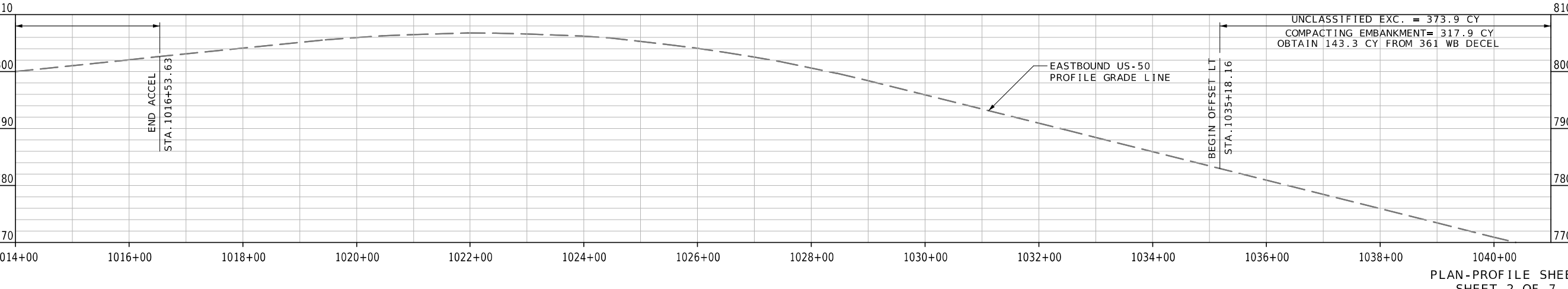
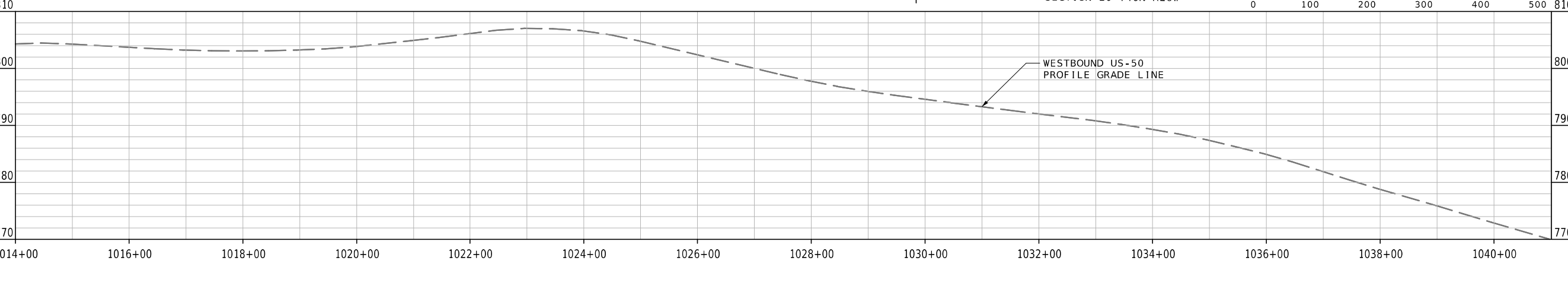
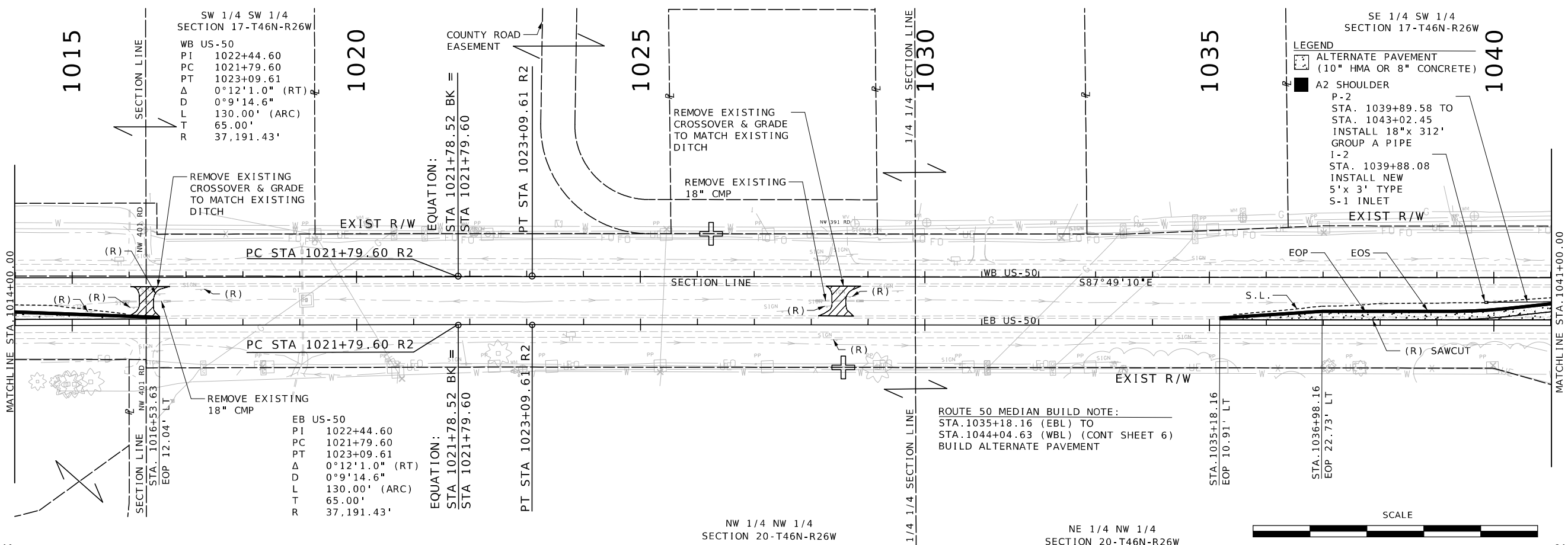
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

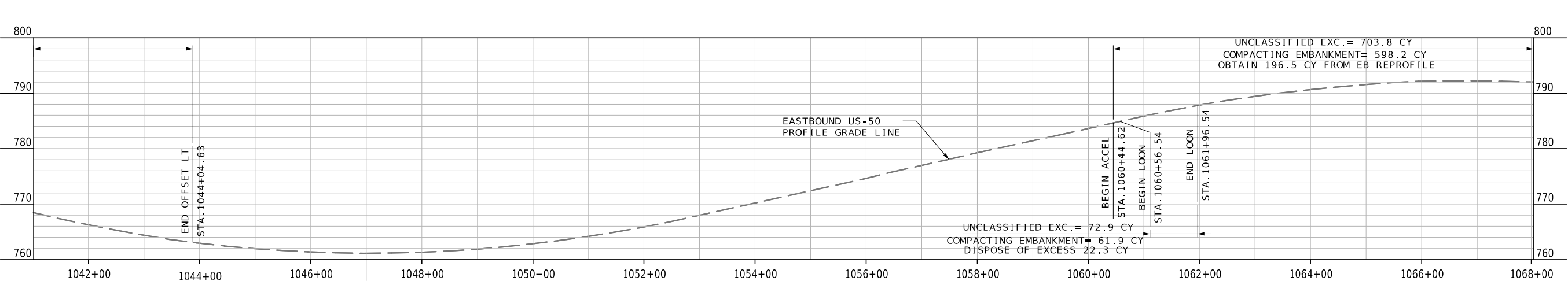
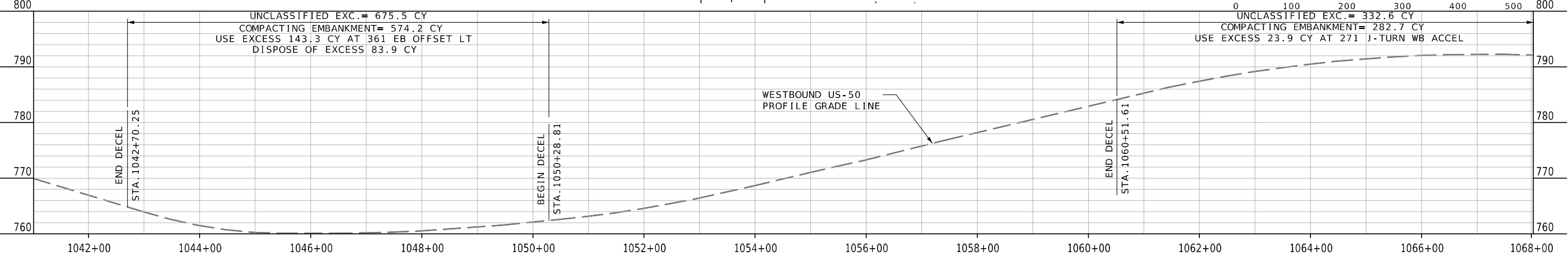
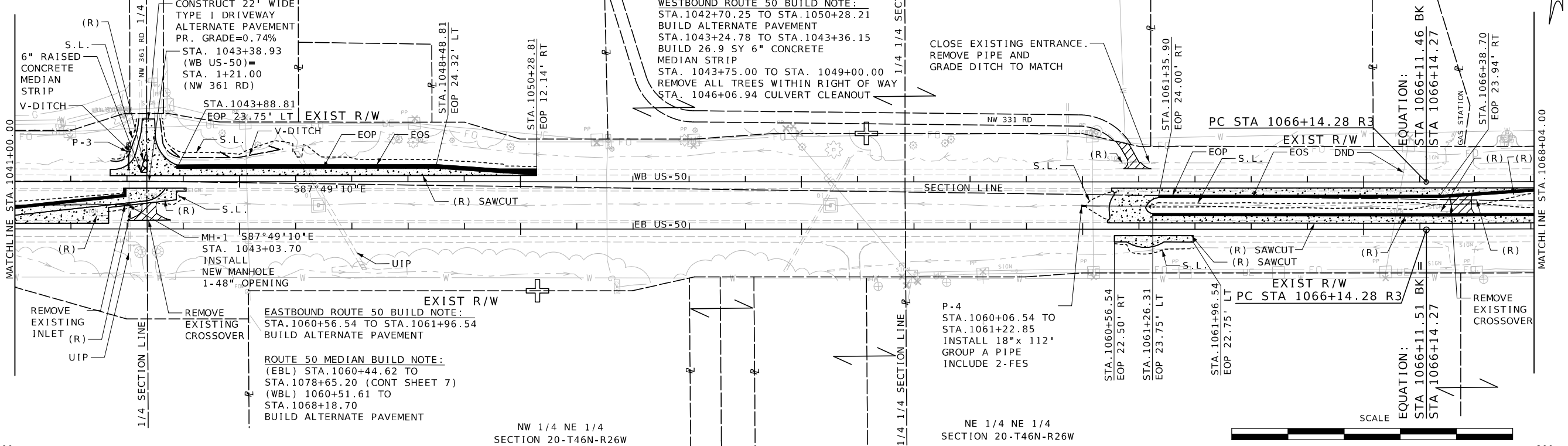


REV.

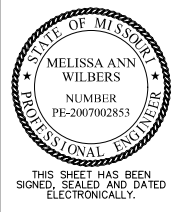


PLAN-PROFILE SHEET SHEET 2 OF 7

P-3
STA. 1043+03.04 TO
STA. 1043+03.21
INSTALL 30"x 25'
GROUP A PIPE
INCLUDE 1-FES



PLAN-PROFILE SHEET
SHEET 3 OF 7



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

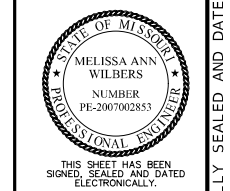
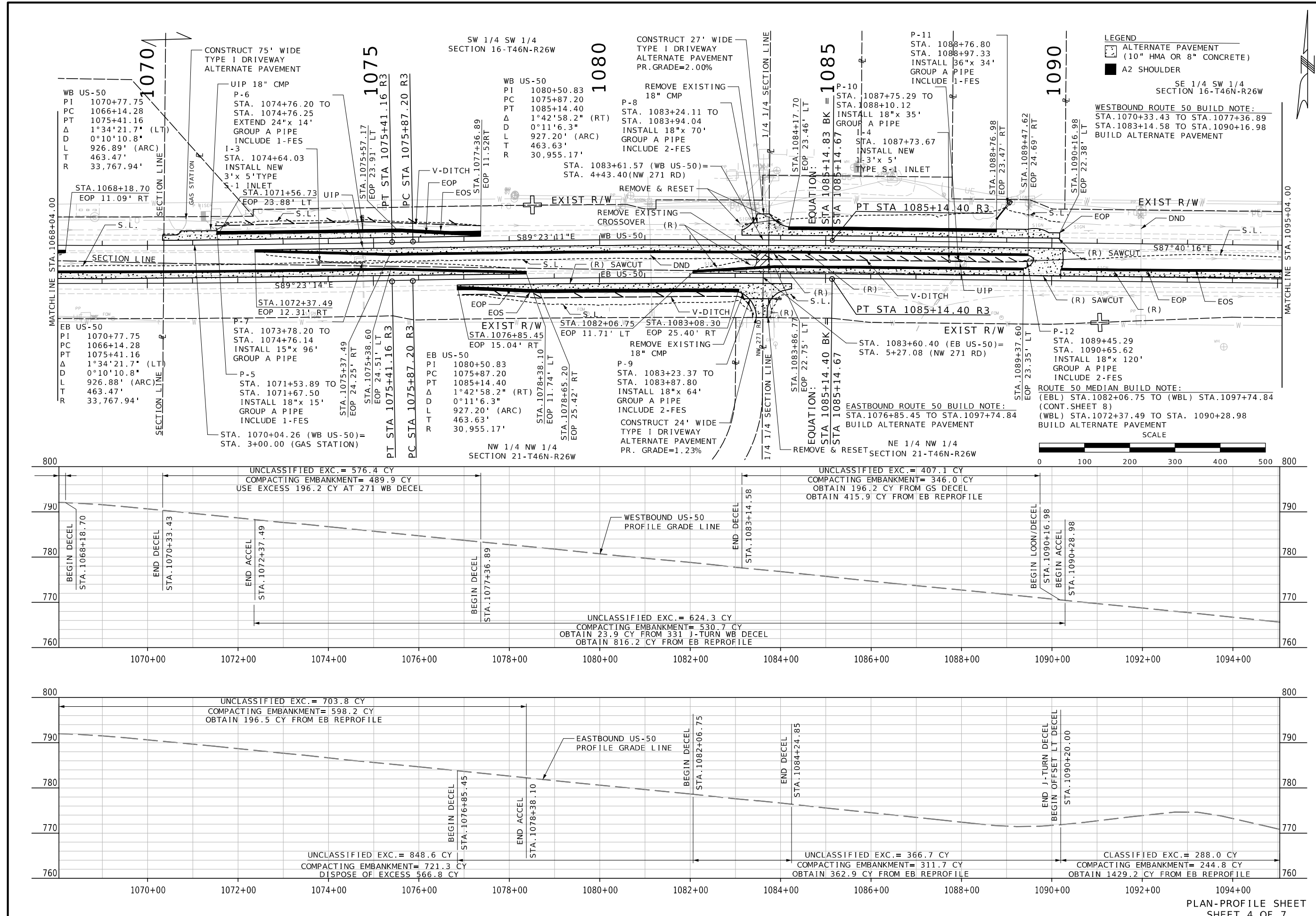
DATE	DESCRIPTION

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 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 7

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

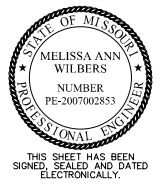
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PLAN-PROFILE SHEET
SHEET 4 OF 7



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 8

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

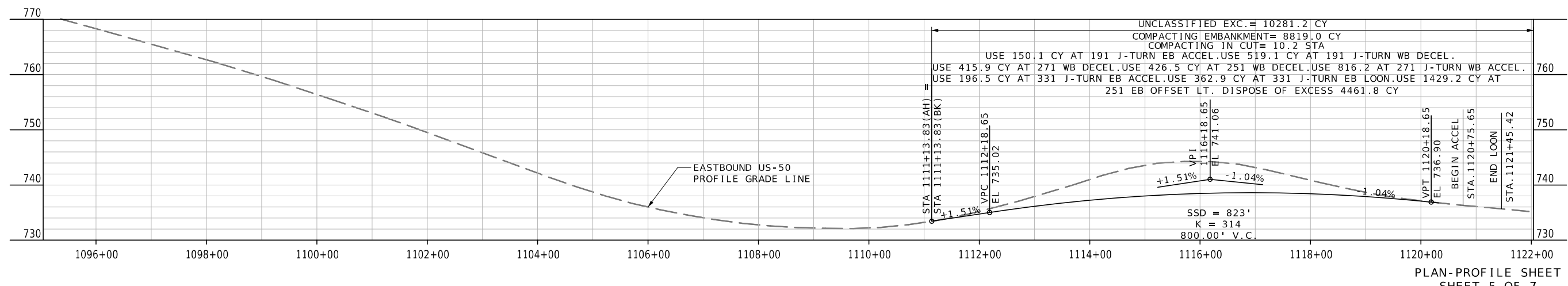
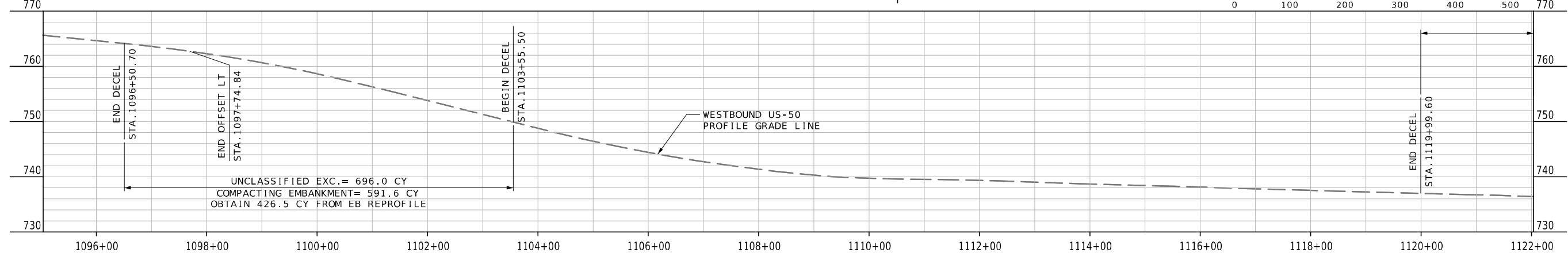
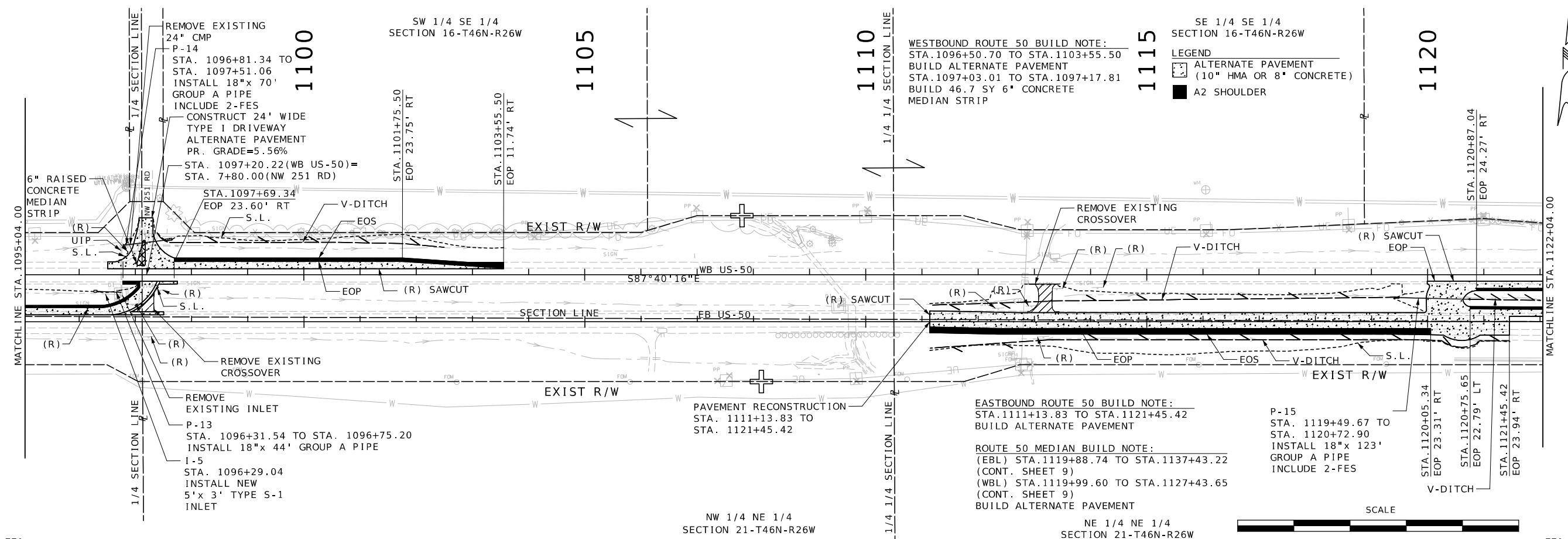
PROJECT NO.
BRIDGE NO.

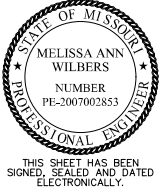
DATE	DESCRIPTION

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

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DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 9
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

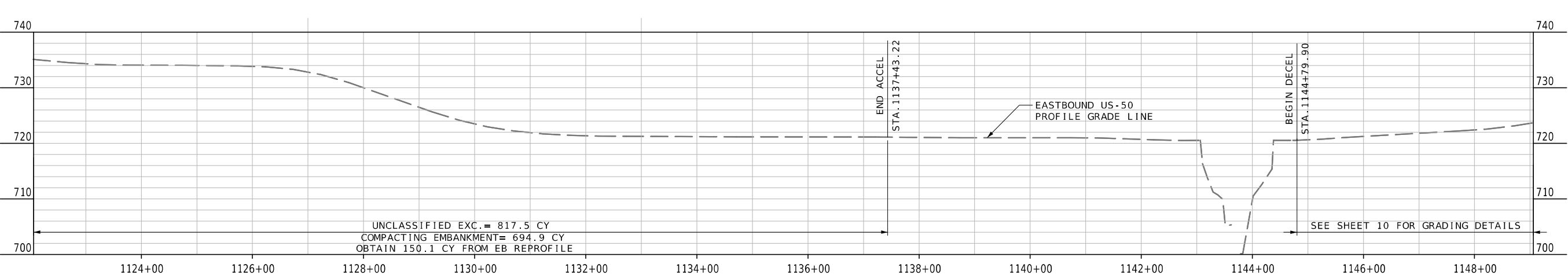
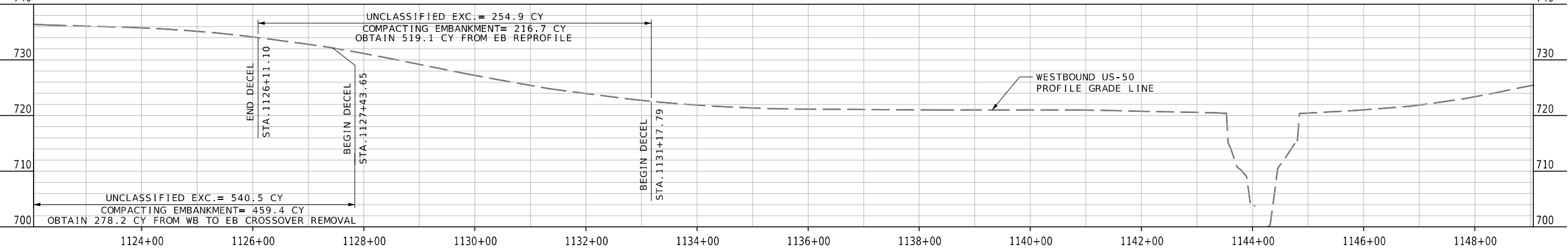
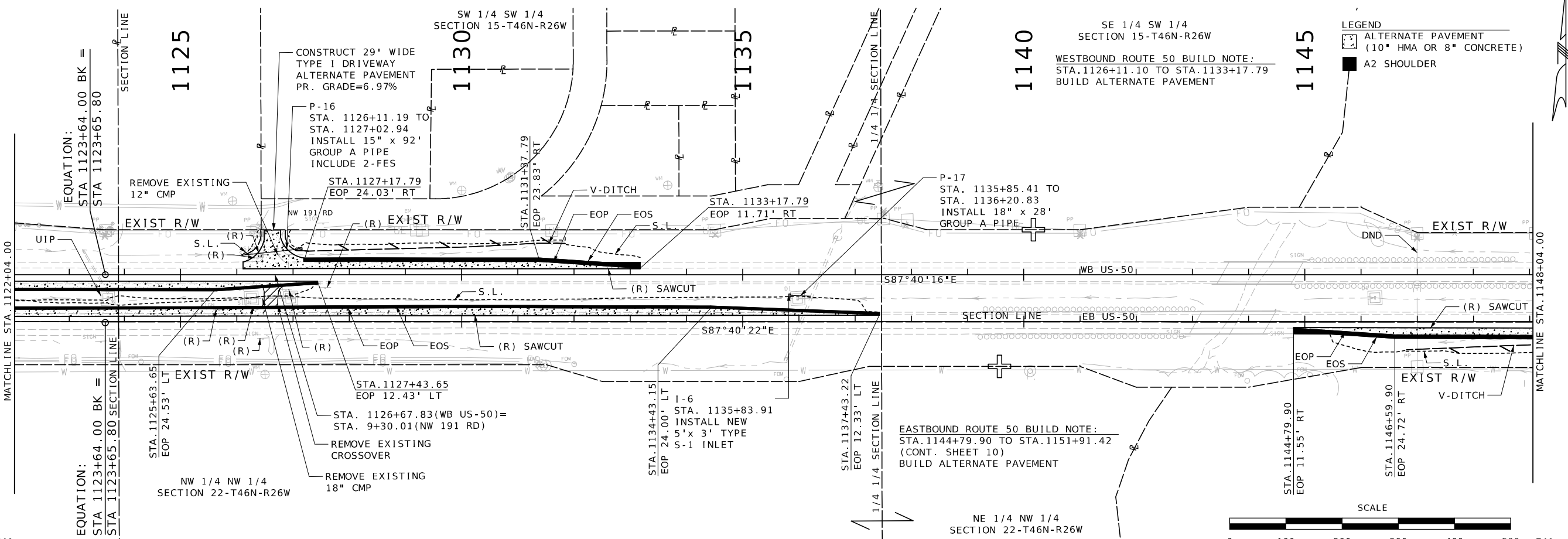
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

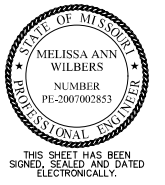
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
 601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PLAN-PROFILE SHEET
SHEET 6 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 10

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

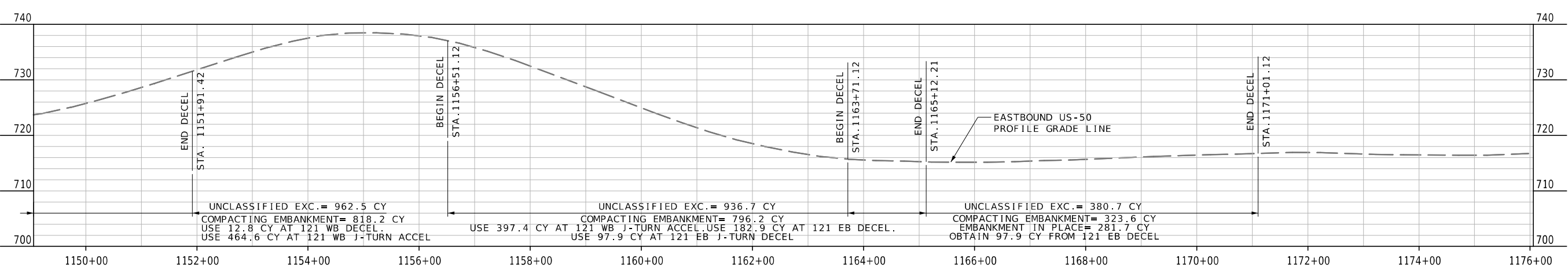
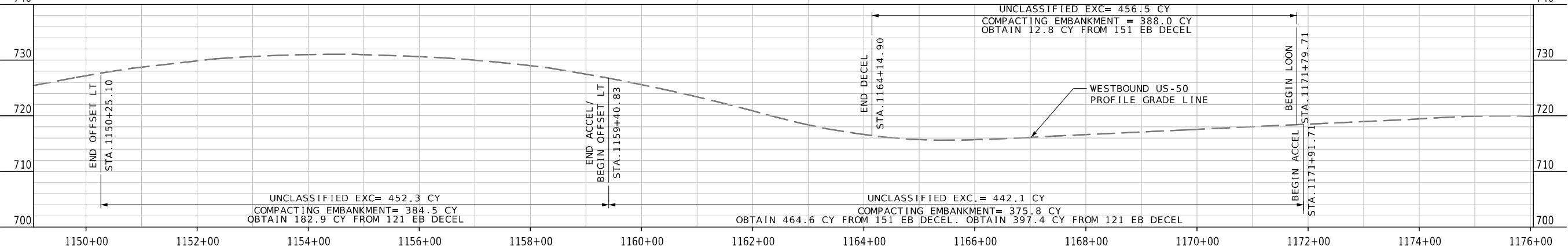
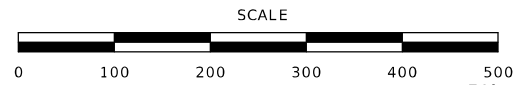
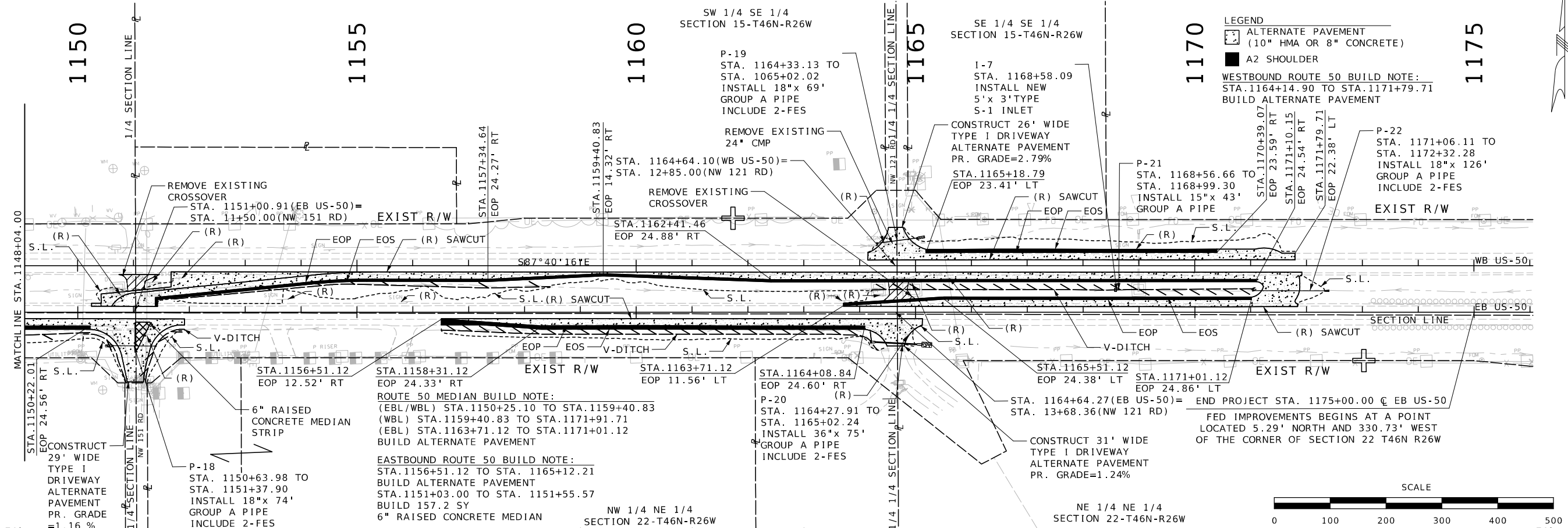
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

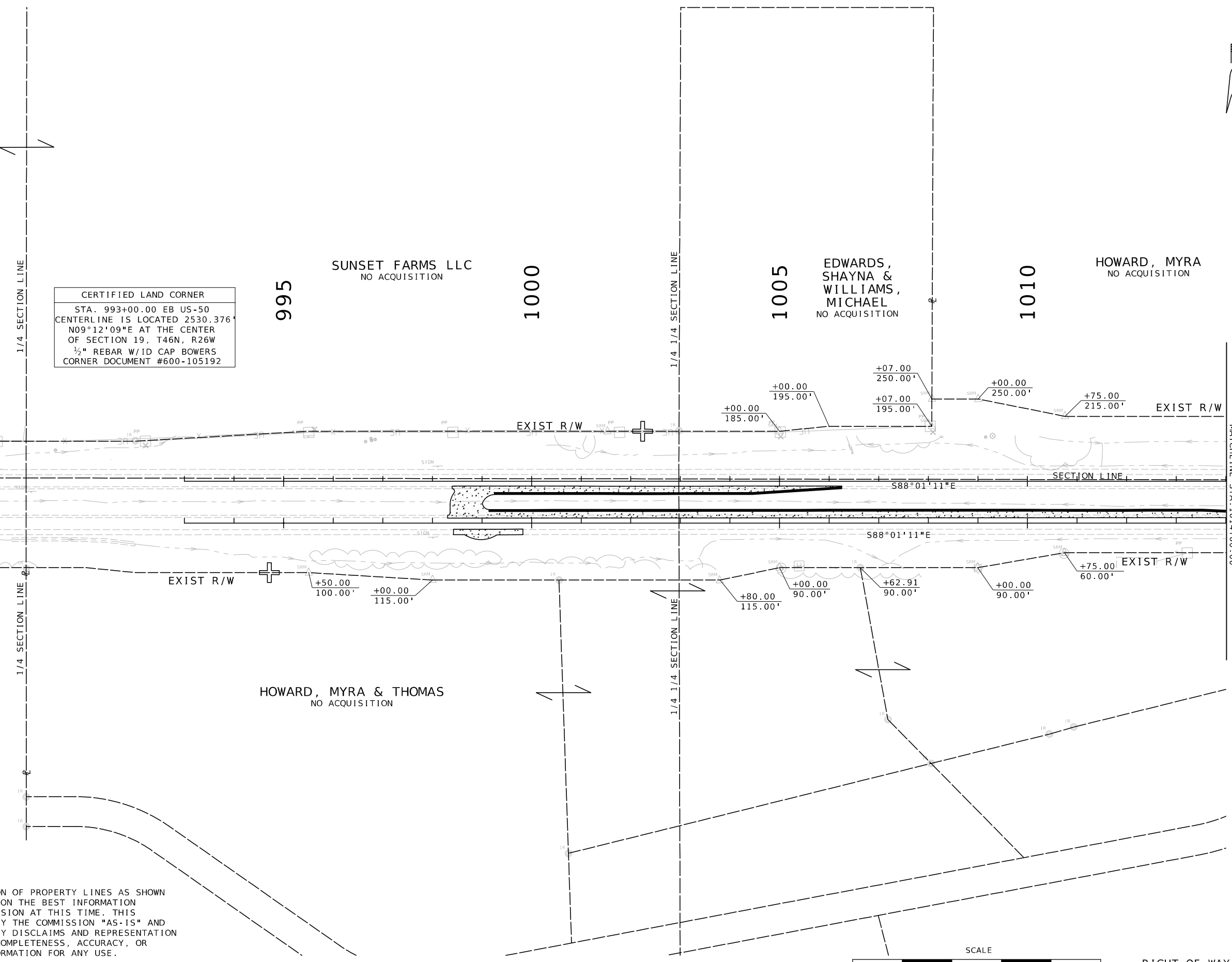
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 672-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

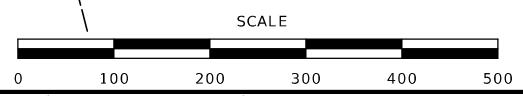


PLAN-PROFILE SHEET SHEET 7 OF 7

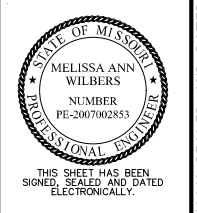


CERTIFIED LAND CORNER
 STA. 993+00.00 EB US-50
 CENTERLINE IS LOCATED 2530.376'
 N09°12'09"E AT THE CENTER
 OF SECTION 19, T46N, R26W
 1/2" REBAR W/ID CAP BOWERS
 CORNER DOCUMENT #600-105192

GENERAL NOTES:
 THE APPROXIMATE LOCATION OF PROPERTY LINES 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 AND REPRESENTATION
 OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR
 SUITABILITY OF THE INFORMATION FOR ANY USE.



RIGHT OF WAY SHEET
 SHEET 1 OF 7



DATE PREPARED
 11/19/2024
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 11
 COUNTY JOHNSON
 JOB NO. JKRO136
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

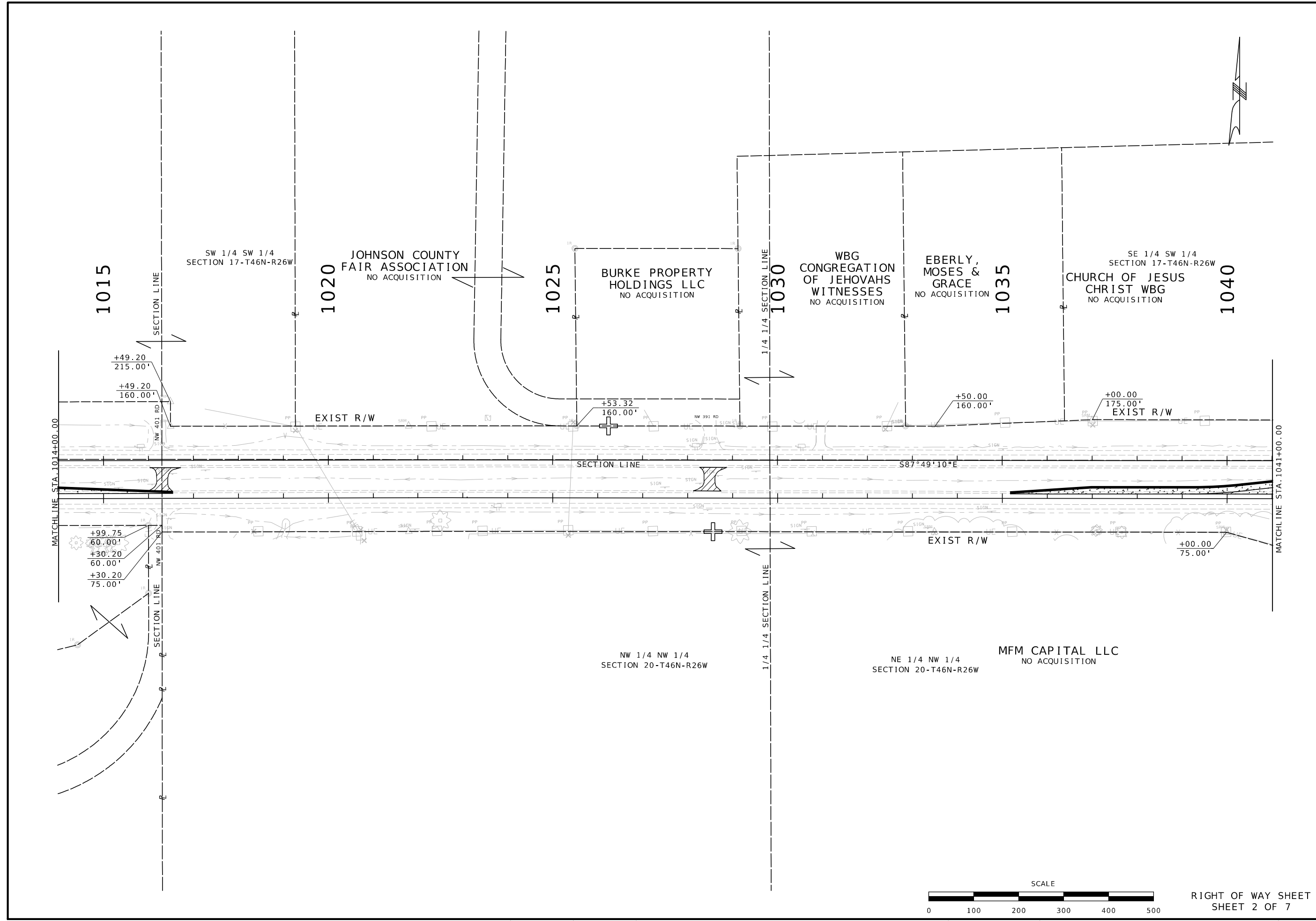
DATE	DESCRIPTION


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 204 - JEFFERSON CITY, MO 65101
 PHONE 672-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM


IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



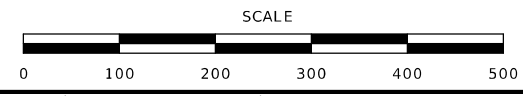

 MELISSA ANN WILBERS
 NUMBER PE-2007002853
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/19/2024
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 12
 COUNTY JOHNSON
 JOB NO. JKR0136
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

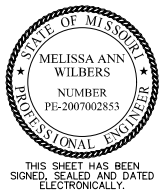
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 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 872-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM



RIGHT OF WAY SHEET
SHEET 2 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 13

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

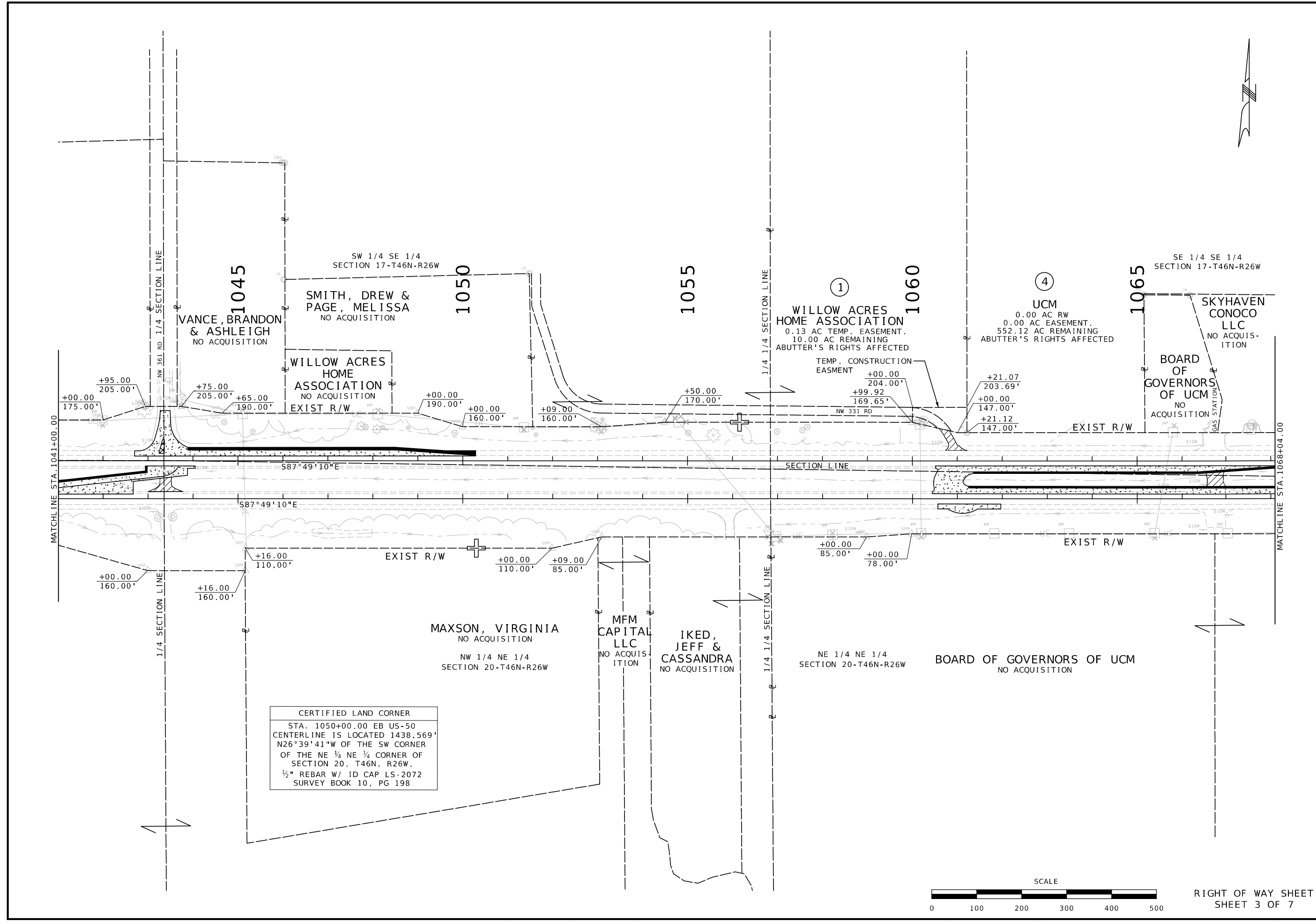
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Bartlett & West

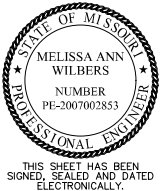
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707, ENGINEERING
WWW.BARTLETTWEST.COM



CERTIFIED LAND CORNER
STA. 1050+00.00 EB US-50
CENTERLINE IS LOCATED 1438.569'
N26°39'41"W OF THE SW CORNER
OF THE NE 1/4 NE 1/4 CORNER OF
SECTION 20, T46N, R26W,
1/2" REBAR W/ ID CAP LS-2072
SURVEY BOOK 10, PG 198



RIGHT OF WAY SHEET
SHEET 3 OF 7



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 14

COUNTY
JOHNSON

JOB NO.
JKR0136

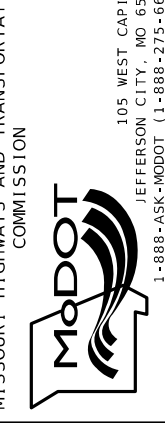
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PROJECT NO.

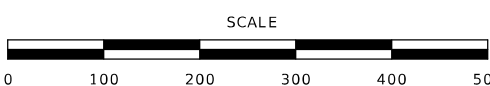
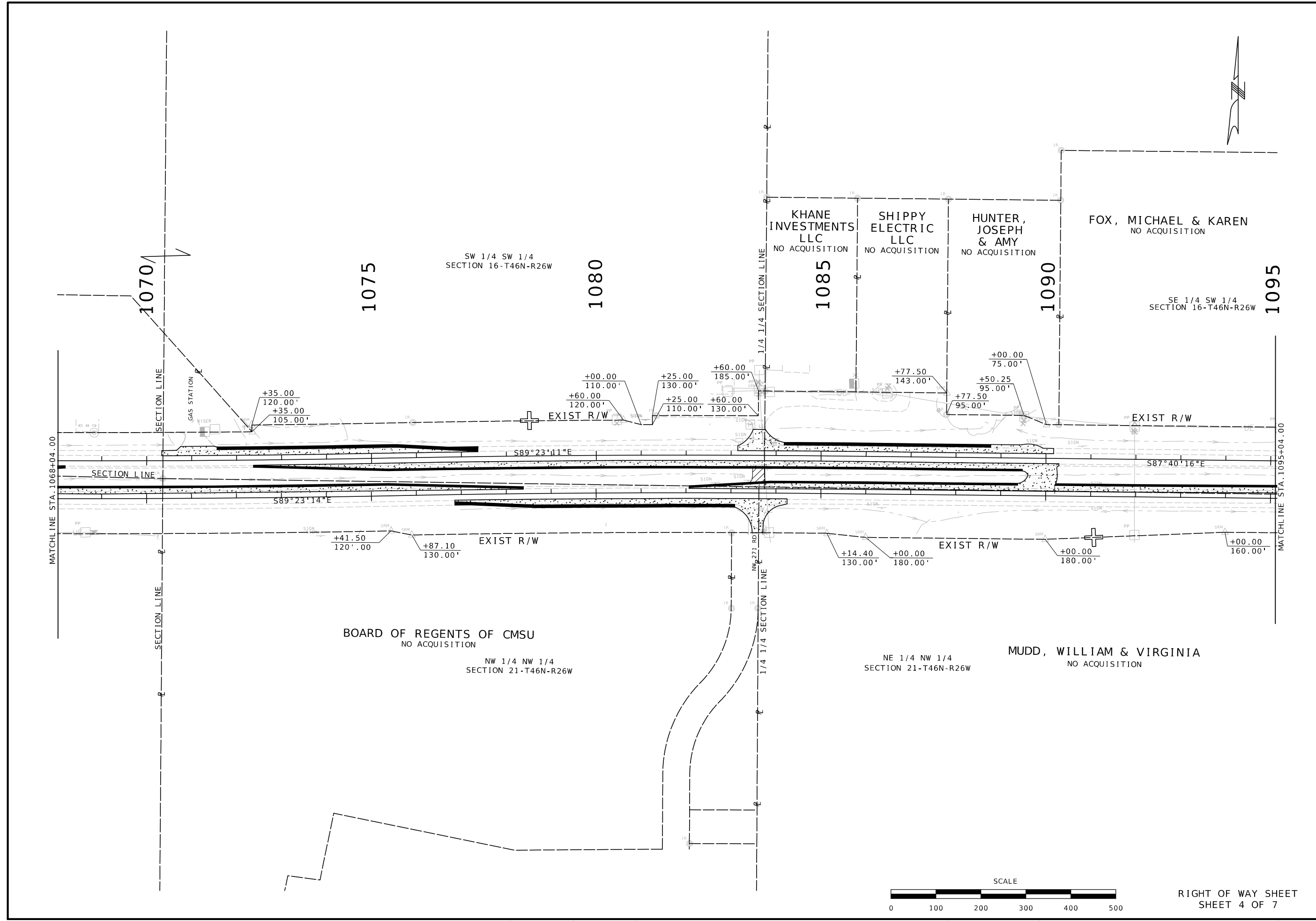
BRIDGE NO.

DATE	DESCRIPTION

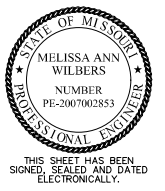
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



RIGHT OF WAY SHEET
SHEET 4 OF 7



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 15

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

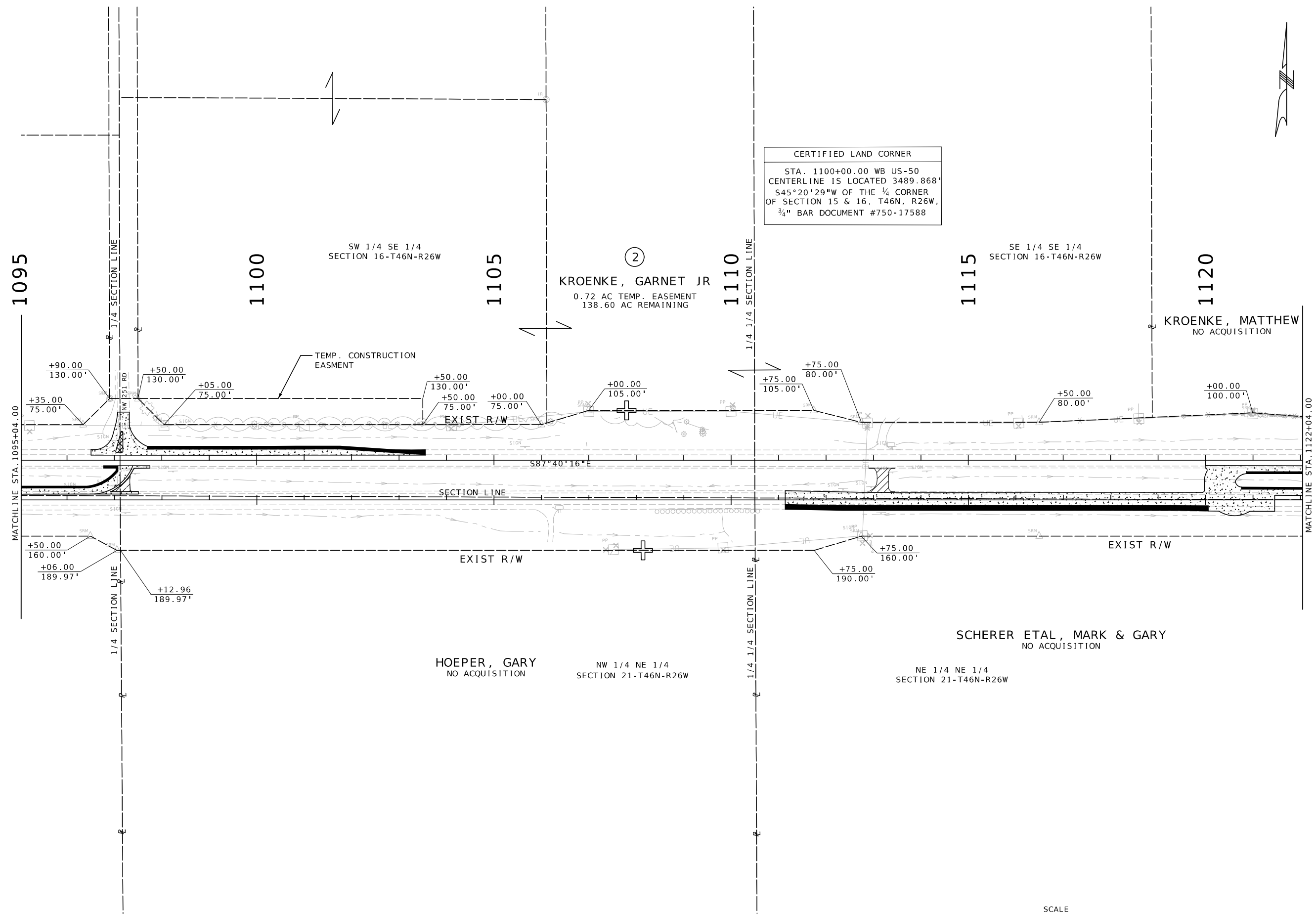
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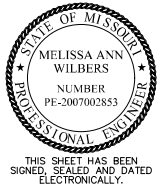
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 16

COUNTY JOHNSON

JOB NO. JKR0136

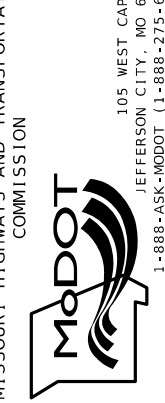
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

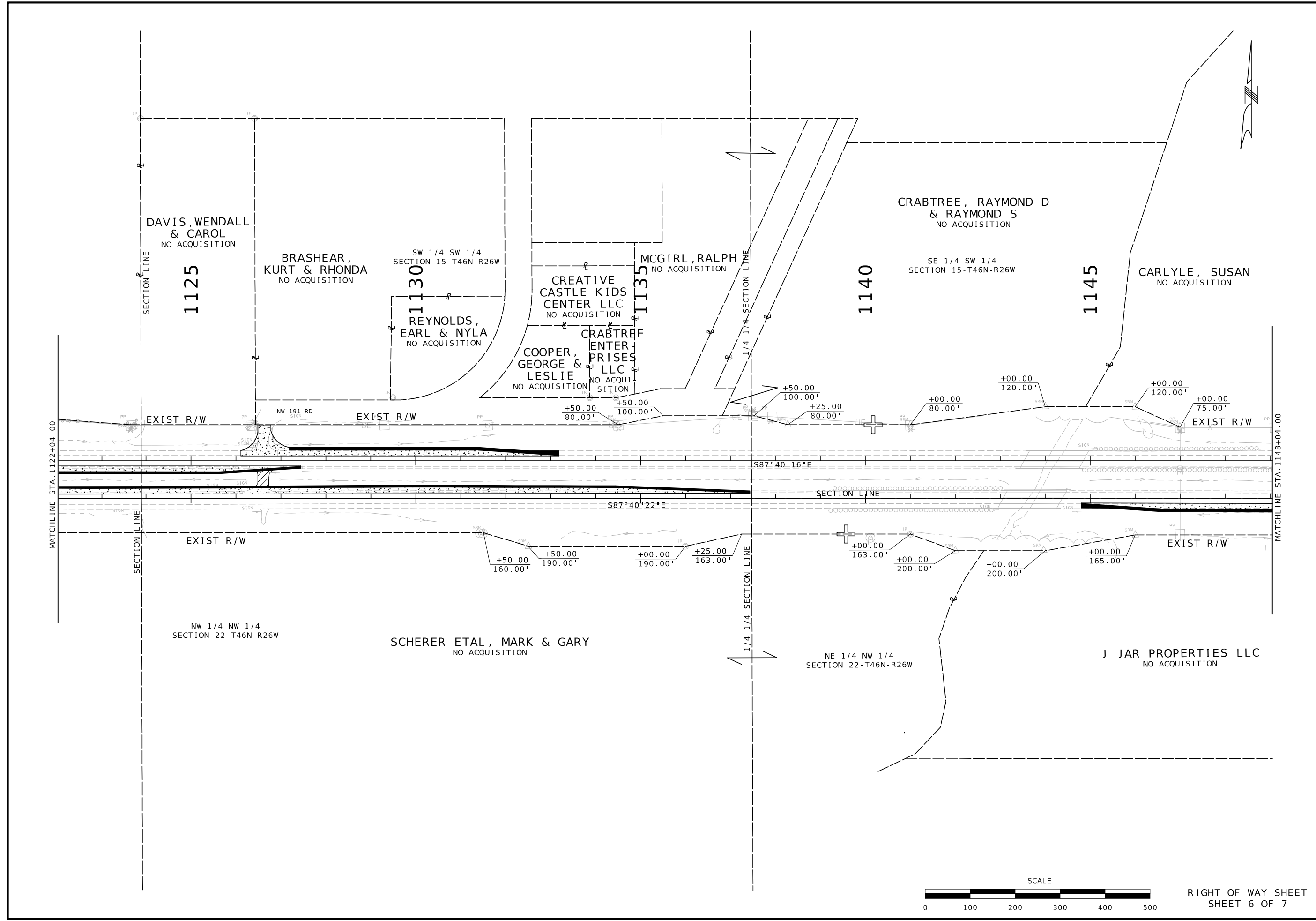
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

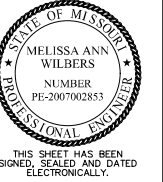
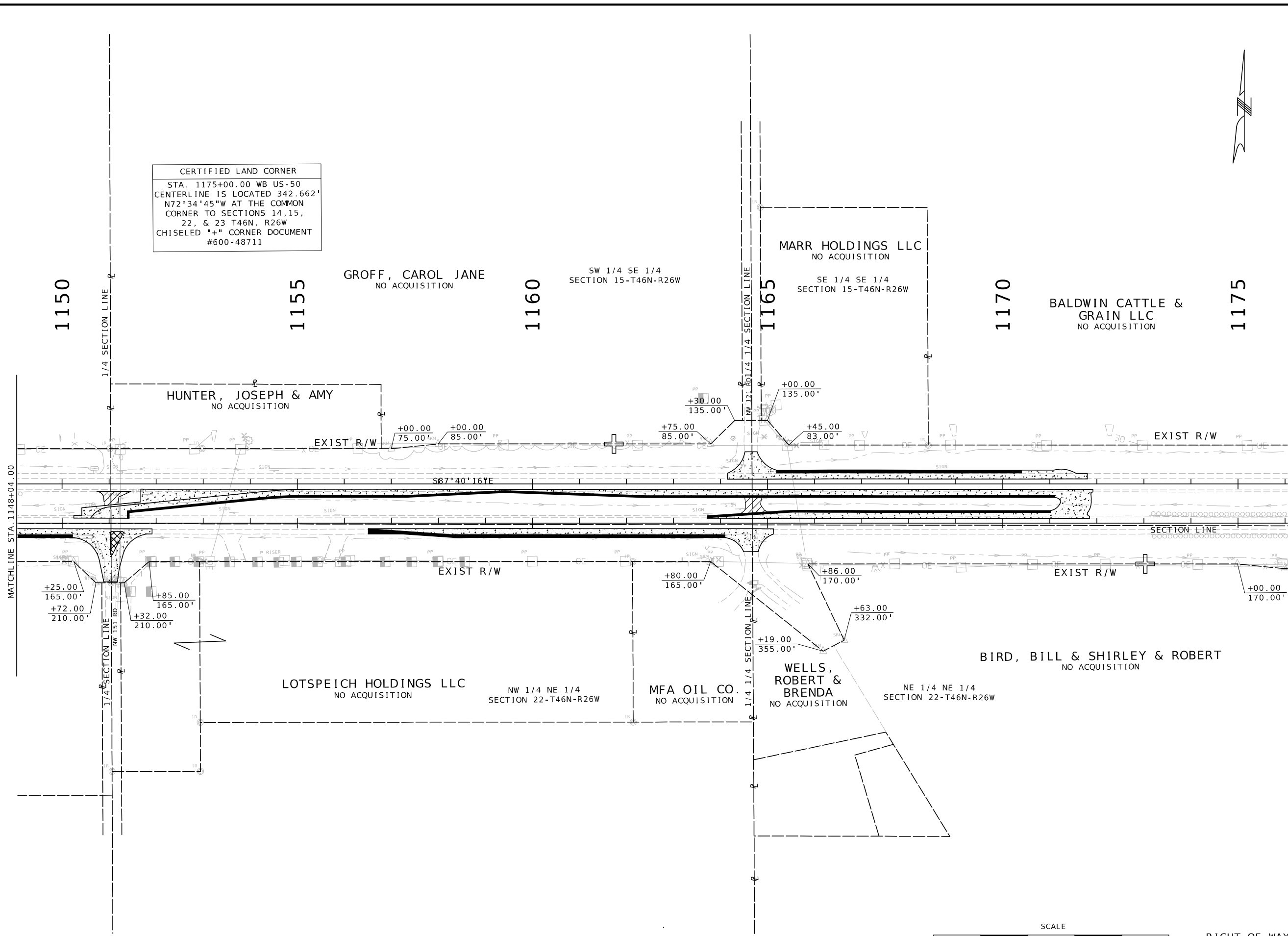


Bartlett & West
 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CERTIFIED LAND CORNER
 STA. 1175+00.00 WB US-50
 CENTERLINE IS LOCATED 342.662'
 N72°34'45"W AT THE COMMON
 CORNER TO SECTIONS 14, 15,
 22, & 23 T46N, R26W
 CHISELED "+" CORNER DOCUMENT
 #600-48711



DATE PREPARED
 11/19/2024

ROUTE STATE
 50 MO

DISTRICT SHEET NO.
 KC 17

COUNTY
 JOHNSON

JOB NO.
 JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

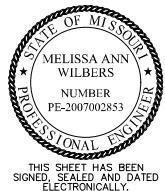
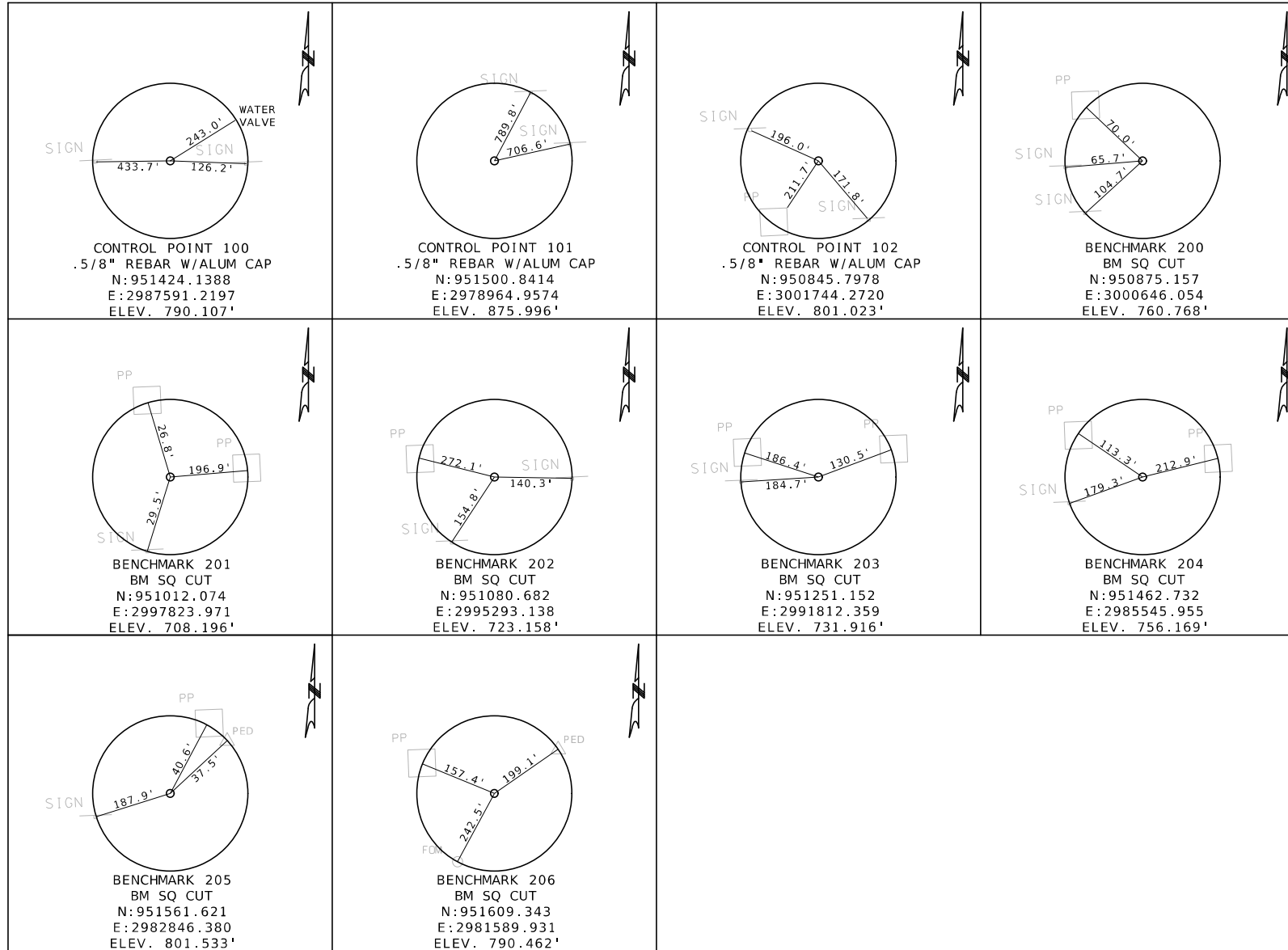
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

 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 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

RIGHT OF WAY SHEET
 SHEET 7 OF 7



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	18

COUNTY
JOHNSON

JOB NO.
JKR0136

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 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/22/2024

ROUTE STATE 50 MO

DISTRICT SHEET NO. KC 19

COUNTY JOHNSON

JOB NO. JKR0136

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 204 - JEFFERSON CITY, MO 65101
PHONE 872-66-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD 83
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	*
PROJECT PROJECTION FACTOR	1.000046242

REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT SEDALIA CORS ARP
CORS_ID	MOSD
PID	DL 63212
LATITUDE	N38°41'31.91379"
LONGITUDE	W93°15'03.94047"
NORTHING (M)	317530.963
EASTING (M)	434658.363
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	1.000046242

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 #100
N 951468.1346 X 0.99995376 = N 951424.1388
E 2987729.3719 X 0.99995376 = E 2987591.2197

LINEAR UNIT CONVERSION
1 METER = 3.280833333 US SURVEY FEET (USFT)

* BARTLETT & WEST RAN 2-4 HOUR OPUS SOLUTIONS. OPUS SOLUTIONS WERE AVERAGED AND HELD FOR CONTROL PTS 100,101,102. LEVEL LOOPS WERE RAN FROM CONTROL PT. 100 THRU REMAINING CONTROL POINTS.

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID	
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)			
PROJECT CONTROL POINTS									
6	1065+15.41	LT	34.2'	951424.1388	2987591.2197	790.107	CONTROL POINT 100		
6 (BUS.50)	28+14.94	LT	2.2'	951500.8414	2978964.9574	875.996	CONTROL POINT 101		
	980+09.14	RT		950845.7978	3001744.2720	801.023	CONTROL POINT 102		
6 (BUS.50)	18+53.24	LT	36.9'	950875.157	3000646.054	760.768	BENCHMARK 200		
	10	1169+97.84	LT	57.5'	951012.074	2997823.971	708.196	BENCHMARK 201	
	9	1143+65.96	LT	23.6'	951080.682	2995293.138	723.158	BENCHMARK 202	
	8	1108+79.50	LT	52.1'	951251.152	2991812.359	731.916	BENCHMARK 203	
	6	1046+05.89	LT	44.2'	951462.732	2985545.955	759.169	BENCHMARK 204	
	5	1019+04.52	LT	41.5'	951561.621	2982846.380	801.533	BENCHMARK 205	
	4	1006+46.58	LT	45.7'	951609.343	2981589.931	790.462	BENCHMARK 206	
ALIGNMENTS									
4	993+00.00	EB HWY 50	0	951570.21	2980377.53	830.80	START		
5	1021+79.60	EB HWY 50	0	951470.74	2983254.34	806.73	PC		
5	1022+44.61	EB HWY 50	0	951468.49	2983319.30	806.75	PI		
5	1023+09.61	EB HWY 50	0	951466.02	2983384.25	806.57	PT		
6	1066+14.28	EB HWY 50	0	951302.33	2987683.05	792.18	PC		
7	1070+77.75	EB HWY 50	0	951284.65	2988146.18	789.89	PI		
7	1075+41.16	EB HWY 50	0	951279.69	2988609.63	785.23	PT		
7	1075+87.20	EB HWY 50	0	951279.20	2988655.66	784.80	PC		
7	1080+50.83	EB HWY 50	0	951274.34	2989119.27	780.14	PI		
7	1085+14.40	EB HWY 50	0	951255.60	2989582.52	775.41	PT		
10	1175+00.00	EB HWY 50	0	950890.81	2998558.65	716.43	END		
4	993+00.00	WB HWY 50	0	951654.16	2980380.44	829.84	START		
5	1021+79.60	WB HWY 50	0	951554.69	2983257.24	805.87	PC		
5	1022+44.61	WB HWY 50	0	951552.44	2983322.20	806.67	PI		
5	1023+09.61	WB HWY 50	0	951549.96	2983387.16	807.02	PT		
6	1066+14.28	WB HWY 50	0	951386.28	2987685.90	792.09	PC		
7	1070+77.75	WB HWY 50	0	951368.60	2988149.04	789.89	PI		
7	1075+41.16	WB HWY 50	0	951363.65	2988612.49	785.28	PT		
7	1075+87.20	WB HWY 50	0	951363.16	2988658.52	784.82	PC		
7	1080+50.83	WB HWY 50	0	951358.09	2989122.12	780.18	PI		
7	1085+14.40	WB HWY 50	0	951339.15	2989585.37	775.59	PT		
10	1175+00	WB HWY 50	0	950974.08	2998561.91	719.91	END		
6	0+00.00	NW 361 RD	0	951593.68	2985419.17	761.60	START PI		
6	1+04.70	NW 361 RD	0	951489.04	2985415.57	762.58	PI		
6	1+93.61	NW 361 RD	0	951400.18	2985412.51	763.59	END PI		
7	3+00.00	NW 271 RD	0	951488.25	2989439.54	776.79	START PI		
7	4+57.62	NW 271 RD	0	951330.81	2989432.98	776.91	PI		
7	6+15.24	NW 271 RD	0	951173.37	2989424.41	780.74	PI		
8	6+50.00	NW 251 RD	0	951420.03	2990795.23	758.57	START PI		
8	7+45.00	NW 251 RD	0	951325.11	2990791.80	762.21	PI		
8	8+50.20	NW 251 RD	0	951220.00	2990787.45	764.79	END PI		
9	8+50.00	NW 191 RD	0	951250.42	2993735.88	735.79	START PI		
9	9+00.00	NW 191 RD	0	951200.43	2993734.54	732.51	PI		
9	9+50.00	NW 191 RD	0	951150.45	2993733.19	732.82	END PI		
10	9+50.00	NW 151 RD	0	950788.30	2996156.41	729.79	START PI		
10	10+50.00	NW 151 RD	0	950888.26	2996158.97	728.88	PI		
10	11+50.00	NW 151 RD	0	950988.23	2996161.23	728.64	END PI		
10	11+50.00	NW 121 RD	0	951151.08	2997531.87	713.98	START PI		
10	13+00.00	NW 121 RD	0	951001.19	2997526.31	715.42	PI		
10	14+50.00	NW 121 RD	0	950851.29	2997520.74	716.19	END PI		

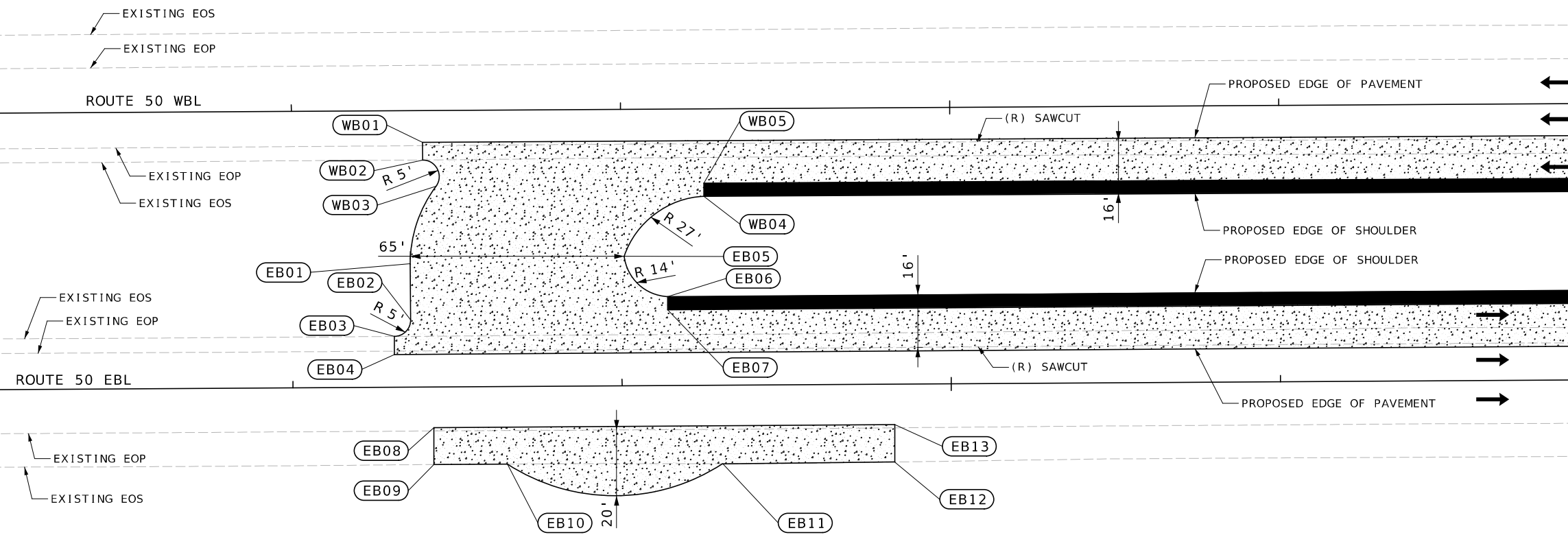
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

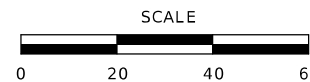
- ALTERNATE PAVEMENT
- A2 SHOULDER
- 6" CONCRETE MEDIAN STRIP
- REMOVALS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	998+39.80	9.6'	RT	951625.853	2980919.582
WB02	998+39.80	15.0'	RT	951620.498	2980919.409
WB03	998+43.82	23.0'	RT	951612.367	2980923.132
WB04	999+25.18	26.5'	RT	951606.001	2981004.283
WB05	999+25.14	22.5'	RT	951606.001	2981004.449

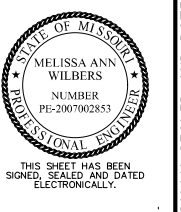
NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	998+35.86	37.5'	LT	951589.188	2980914.366
EB02	998+35.86	20.4'	LT	951572.117	2980913.779
EB03	998+30.86	15.4'	LT	951567.288	2980908.608
EB04	998+30.86	10.0'	LT	951561.820	2980908.420
EB05	999+00.86	39.4'	LT	951588.847	2982979.067
EB06	999+14.00	27.3'	LT	951576.009	2980992.095
EB07	999+13.97	20.4'	LT	951579.010	2980992.065
EB08	998+42.73	12.3'	RT	951539.100	2980919.507
EB09	998+42.66	23.5'	RT	951527.926	2980919.054
EB10	998+65.03	23.5'	RT	951527.139	2980941.408
EB11	999+30.41	23.8'	RT	951524.608	2981006.737
EB12	999+82.66	23.6'	RT	951522.994	2981058.969
EB13	999+82.73	12.2'	RT	951534.382	2981059.431



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 1 OF 12



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	20

COUNTY
JOHNSON

JOB NO.
JKR0136

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)

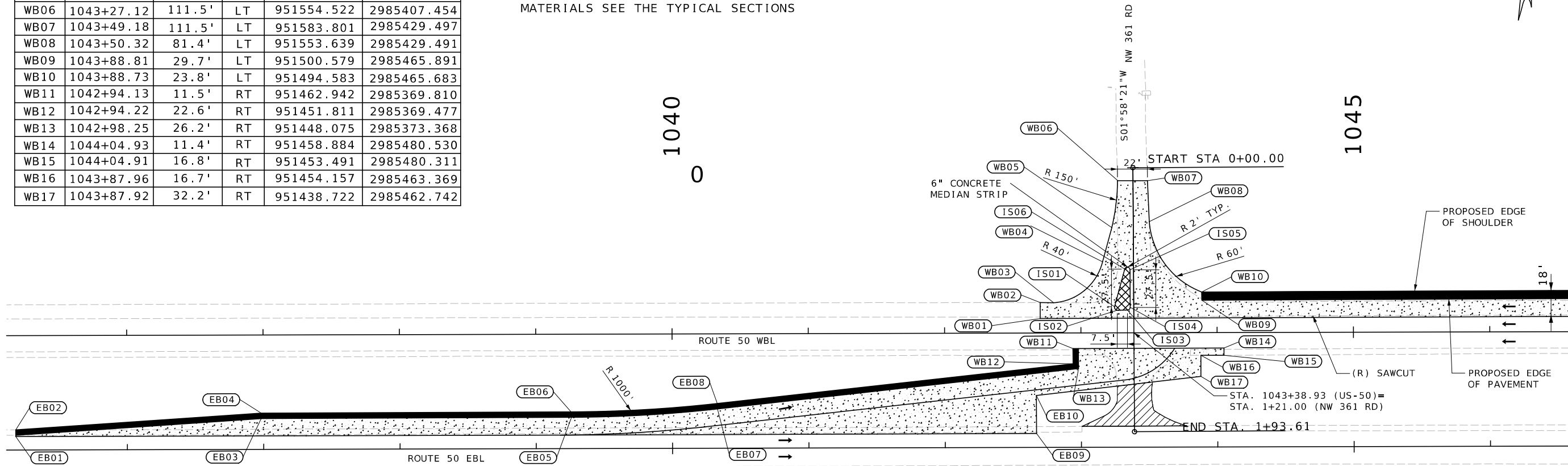
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1042+70.26	10.6'	LT	951485.966	2985346.792
WB02	1042+70.28	22.1'	LT	951497.554	2985347.262
WB03	1042+80.03	22.1'	LT	951497.124	2985356.998
WB04	1043+16.09	52.0'	LT	951525.650	2985394.172
WB05	1043+22.88	77.1'	LT	951550.447	2985401.907
WB06	1043+27.12	111.5'	LT	951554.522	2985407.454
WB07	1043+49.18	111.5'	LT	951583.801	2985429.497
WB08	1043+50.32	81.4'	LT	951553.639	2985429.491
WB09	1043+88.81	29.7'	LT	951500.579	2985465.891
WB10	1043+88.73	23.8'	LT	951494.583	2985465.683
WB11	1042+94.13	11.5'	RT	951462.942	2985369.810
WB12	1042+94.22	22.6'	RT	951451.811	2985369.477
WB13	1042+98.25	26.2'	RT	951448.075	2985373.368
WB14	1044+04.93	11.4'	RT	951458.884	2985480.530
WB15	1044+04.91	16.8'	RT	951453.491	2985480.311
WB16	1043+87.96	16.7'	RT	951454.157	2985463.369
WB17	1043+87.92	32.2'	RT	951438.722	2985462.742

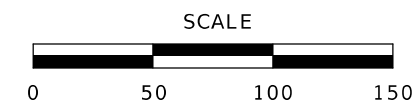
- LEGEND:
- ☐ ALTERNATE PAVEMENT
 - A2 SHOULDER
 - ▨ 6" CONCRETE MEDIAN STRIP
 - ▩ REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

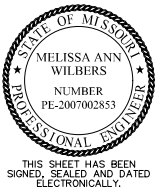


ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1035+18.11	9.9'	LT	951429.946	2984592.257
EB02	1035+18.12	14.9'	LT	951434.909	2984592.459
EB03	1036+98.19	22.7'	LT	951435.868	2984772.700
EB04	1036+98.19	26.7'	LT	951439.866	2984772.849
EB05	1039+25.82	23.0'	LT	951427.514	2985000.174
EB06	1039+25.45	27.0'	LT	951431.525	2984999.957
EB07	1040+32.85	28.8'	LT	951429.302	2985107.346
EB08	1040+16.97	31.2'	LT	951432.203	2985091.569
EB09	1040+32.78	32.9'	LT	951432.318	2985107.429
EB10	1042+66.96	38.1'	LT	951429.675	2985341.638

6" CONCRETE MEDIAN STRIP					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
IS01	1043+27.78	19.1'	LT	951492.389	2985401.604
IS02	1043+26.72	16.6'	LT	951489.795	2985403.438
IS03	1043+34.16	16.6'	LT	951489.515	2985410.875
IS04	1043+36.09	18.5'	LT	951491.367	2985412.876
IS05	1043+32.23	46.0'	LT	951518.913	2985413.995
IS06	1043+36.16	46.6'	LT	951519.585	2985410.088



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 2 OF 12



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 21

COUNTY JOHNSON
JOB NO. JKR0136
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 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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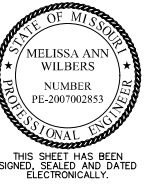
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

- ALTERNATE PAVEMENT
- A2 SHOULDER
- 6" CONCRETE MEDIAN STRIP
- REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1060+51.61	11.0'	RT	951396.600	2987126.032
WB02	1060+51.63	16.3'	RT	951391.261	2987125.850
WB03	1060+56.06	23.3'	RT	951384.158	2987130.221
WB04	1061+35.91	24.0'	RT	951380.391	2987209.780
WB05	1061+35.91	28.0'	RT	951376.394	2987209.625



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 22

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.

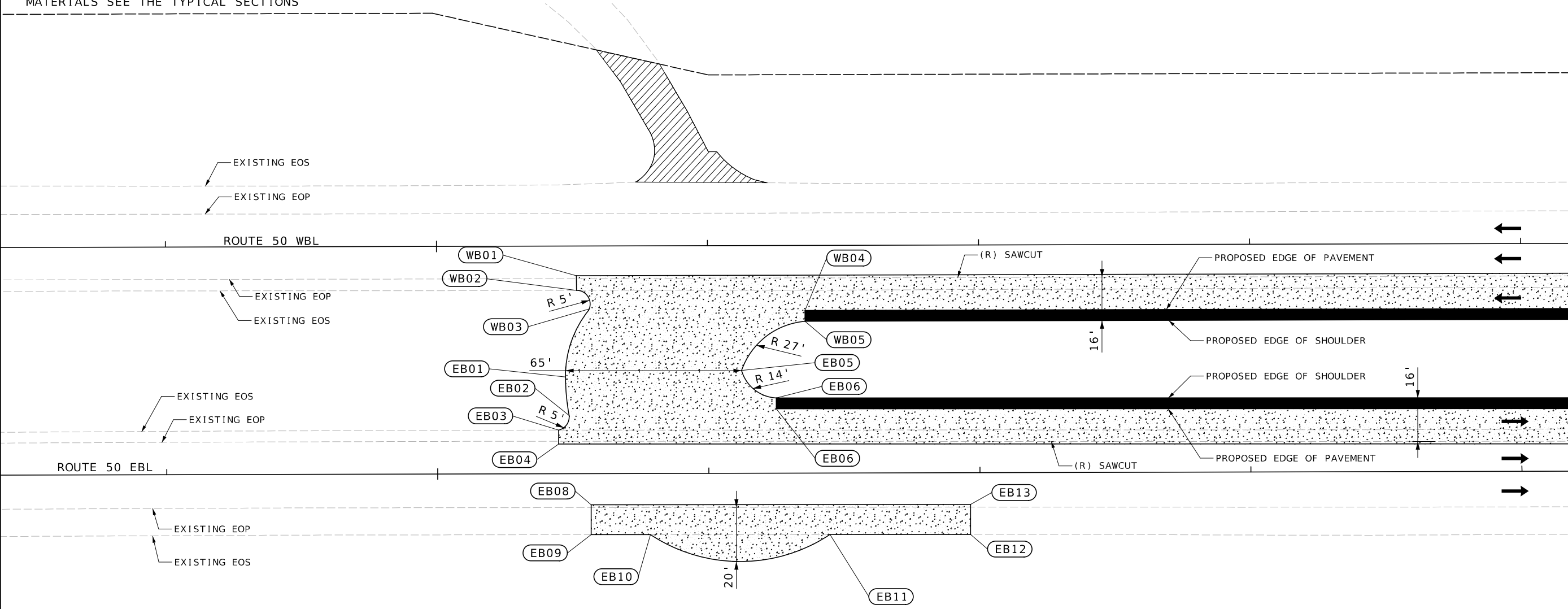
BRIDGE NO.

DESCRIPTION	DATE

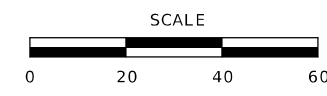
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 872-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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


ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1060+47.17	35.7'	LT	951359.482	2987120.474
EB02	1060+48.50	21.4'	LT	951345.204	2987121.256
EB03	1060+44.60	16.1'	LT	951339.982	2987117.284
EB04	1060+44.62	10.9'	LT	951334.856	2987116.980
EB05	1061+12.19	37.9'	LT	951359.150	2987185.548
EB06	1061+24.94	27.7'	LT	951348.573	2987197.882
EB07	1061+24.93	23.7'	LT	951344.576	2987197.718
EB08	1060+56.54	11.5'	RT	951311.966	2987128.061
EB09	1060+56.54	22.5'	RT	951300.974	2987127.615
EB10	1060+78.43	22.5'	RT	951300.071	2987149.494
EB11	1061+44.62	22.7'	RT	951297.433	2987215.629
EB12	1061+96.54	22.8'	RT	951295.384	2987267.503
EB13	1061+96.56	11.7'	RT	951306.428	2987267.951



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 3 OF 12

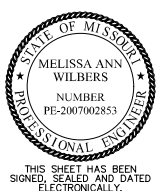
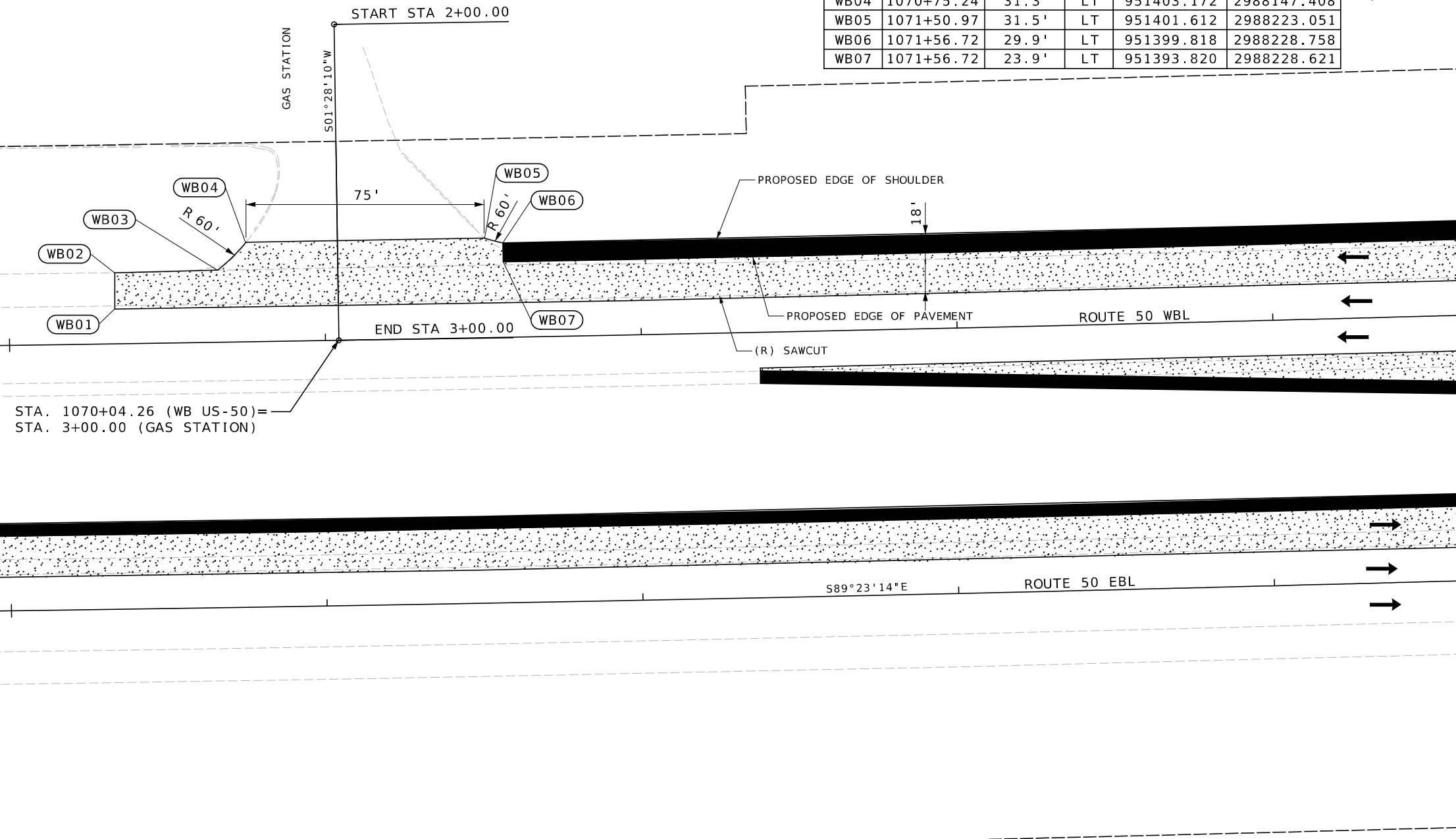
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1070+33.38	11.0'	LT	951383.883	2988105.074
WB02	1070+33.60	22.5'	LT	951395.345	2988105.592
WB03	1070+66.22	22.8'	LT	951394.852	2988138.189
WB04	1070+75.24	31.3'	LT	951403.172	2988147.408
WB05	1071+50.97	31.5'	LT	951401.612	2988223.051
WB06	1071+56.72	29.9'	LT	951399.818	2988228.758
WB07	1071+56.72	23.9'	LT	951393.820	2988228.621



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 23

COUNTY JOHNSON
JOB NO. JKRO136
CONTRACT ID.

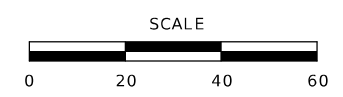
PROJECT NO.
BRIDGE NO.

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 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 4 OF 12

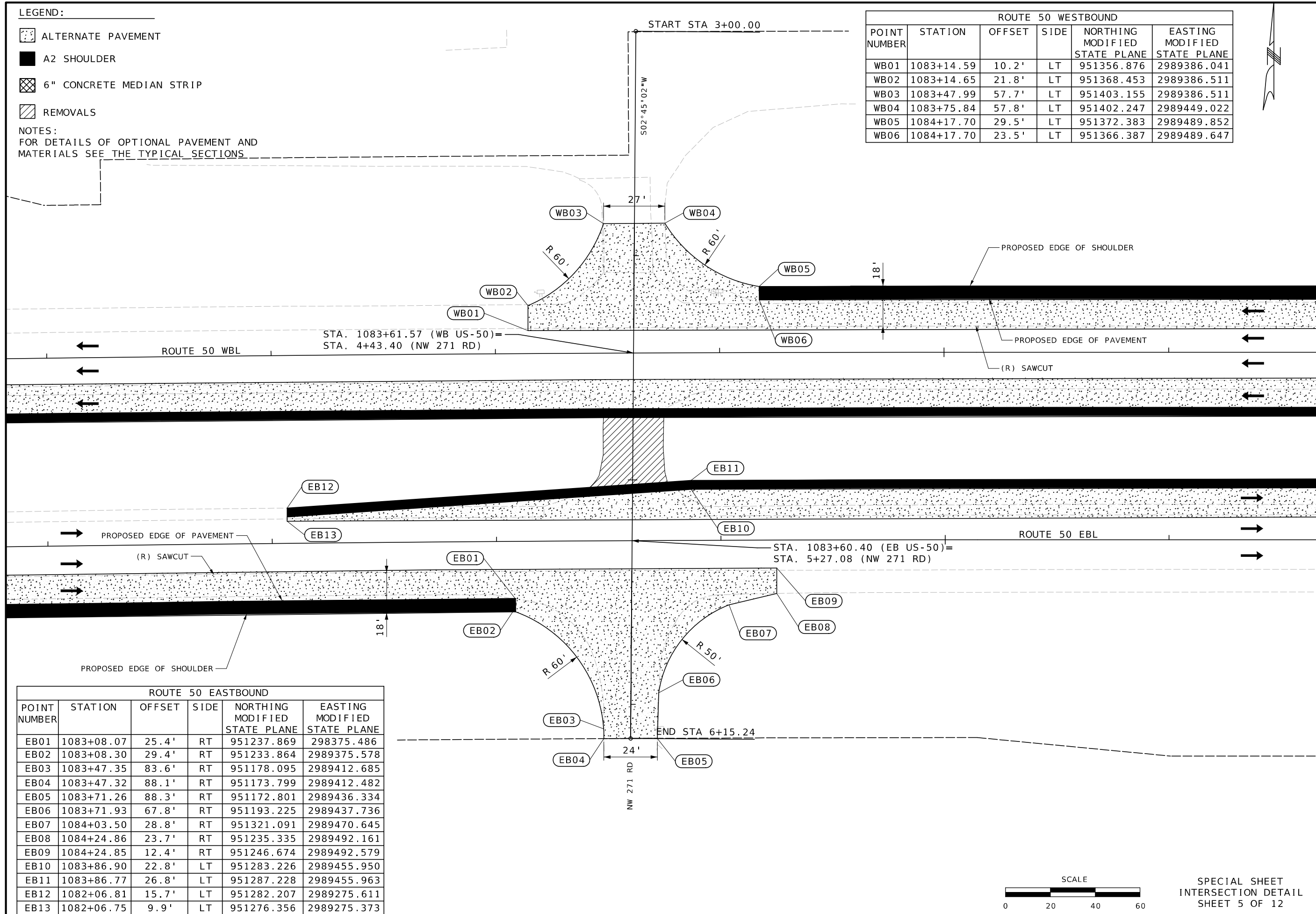
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LEGEND:

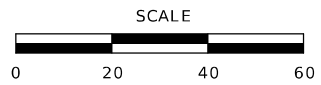
-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

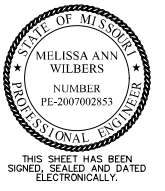
ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1083+14.59	10.2'	LT	951356.876	2989386.041
WB02	1083+14.65	21.8'	LT	951368.453	2989386.511
WB03	1083+47.99	57.7'	LT	951403.155	2989386.511
WB04	1083+75.84	57.8'	LT	951402.247	2989449.022
WB05	1084+17.70	29.5'	LT	951372.383	2989489.852
WB06	1084+17.70	23.5'	LT	951366.387	2989489.647



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1083+08.07	25.4'	RT	951237.869	298375.486
EB02	1083+08.30	29.4'	RT	951233.864	2989375.578
EB03	1083+47.35	83.6'	RT	951178.095	2989412.685
EB04	1083+47.32	88.1'	RT	951173.799	2989412.482
EB05	1083+71.26	88.3'	RT	951172.801	2989436.334
EB06	1083+71.93	67.8'	RT	951193.225	2989437.736
EB07	1084+03.50	28.8'	RT	951321.091	2989470.645
EB08	1084+24.86	23.7'	RT	951235.335	2989492.161
EB09	1084+24.85	12.4'	RT	951246.674	2989492.579
EB10	1083+86.90	22.8'	LT	951283.226	2989455.950
EB11	1083+86.77	26.8'	LT	951287.228	2989455.963
EB12	1082+06.81	15.7'	LT	951282.207	2989275.611
EB13	1082+06.75	9.9'	LT	951276.356	2989275.373



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 5 OF 12



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 24
COUNTY JOHNSON
JOB NO. JKR0136
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)

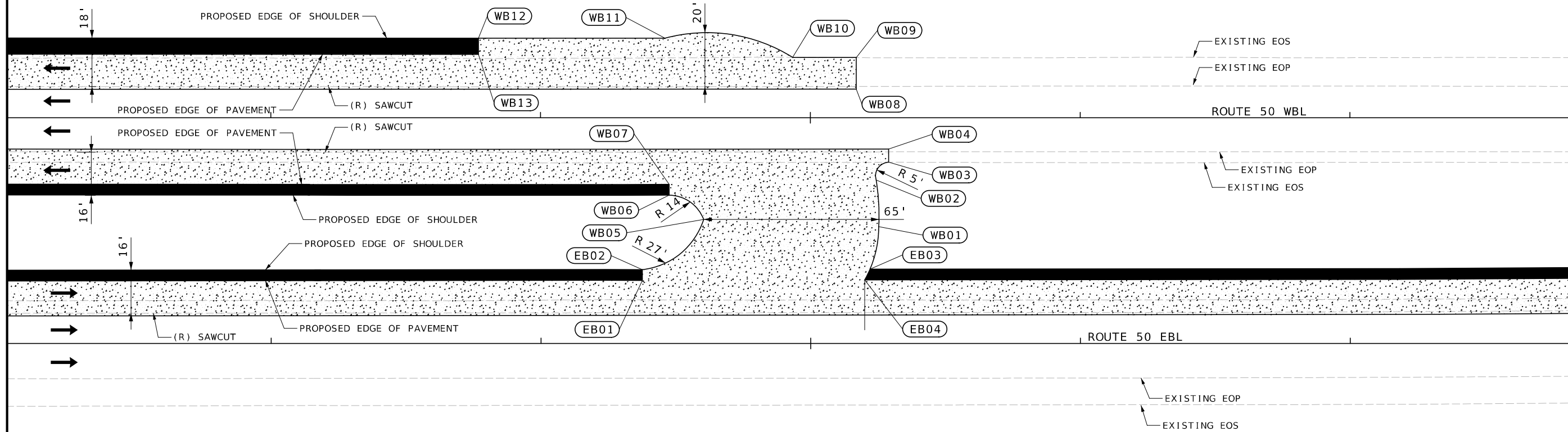
Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

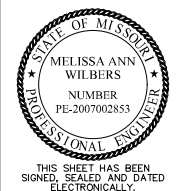
ROUTE 50 WESTBOUND					
	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1090+25.37	40.3'	RT	951278.080	2990094.446
WB02	1090+24.38	23.0'	RT	951295.407	2990094.155
WB03	1090+29.17	16.5'	RT	951301.751	2990099.207
WB04	1090+28.98	11.6'	RT	951306.611	2990099.218
WB05	1089+60.46	37.7'	RT	951292.893	2990016.741
WB06	1089+47.62	28.7'	RT	951283.362	2990029.695
WB07	1089+47.62	24.7'	RT	951296.870	2990017.390
WB08	1090+19.98	10.6'	LT	951329.322	2990088.130
WB09	1090+16.98	22.3'	LT	951340.987	2990088.603
WB10	1089+93.41	22.4'	LT	951342.032	2990065.054
WB11	1089+46.09	29.5'	LT	951351.094	2990018.062
WB12	1088+76.98	29.5'	LT	951353.861	2989948.767
WB13	1088+76.98	23.5'	LT	951347.866	2989948.767



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1089+37.60	23.3'	LT	951261.757	2990006.057
EB02	1089+37.60	27.3'	LT	951265.754	2990006.220
EB03	1090+21.99	27.5'	LT	951262.498	2990090.545
EB04	1090+19.99	23.5'	LT	951258.580	2990088.388



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 6 OF 12



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 25

COUNTY JOHNSON
JOB NO. JKR0136
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

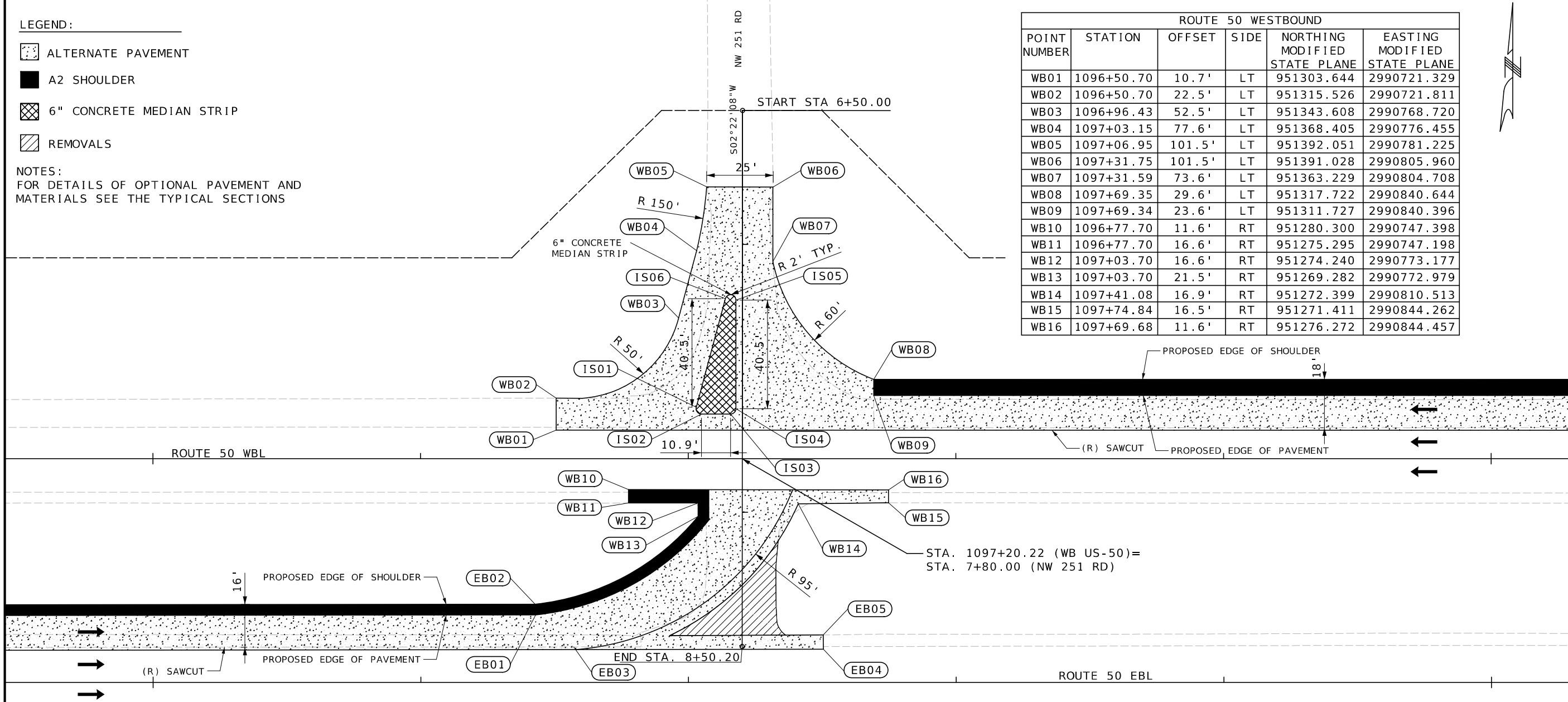
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1096+50.70	10.7'	LT	951303.644	2990721.329
WB02	1096+50.70	22.5'	LT	951315.526	2990721.811
WB03	1096+96.43	52.5'	LT	951343.608	2990768.720
WB04	1097+03.15	77.6'	LT	951368.405	2990776.455
WB05	1097+06.95	101.5'	LT	951392.051	2990781.225
WB06	1097+31.75	101.5'	LT	951391.028	2990805.960
WB07	1097+31.59	73.6'	LT	951363.229	2990804.708
WB08	1097+69.35	29.6'	LT	951317.722	2990840.644
WB09	1097+69.34	23.6'	LT	951311.727	2990840.396
WB10	1096+77.70	11.6'	RT	951280.300	2990747.398
WB11	1096+77.70	16.6'	RT	951275.295	2990747.198
WB12	1097+03.70	16.6'	RT	951274.240	2990773.177
WB13	1097+03.70	21.5'	RT	951269.282	2990772.979
WB14	1097+41.08	16.9'	RT	951272.399	2990810.513
WB15	1097+74.84	16.5'	RT	951271.411	2990844.262
WB16	1097+69.68	11.6'	RT	951276.272	2990844.457



6" CONCRETE MEDIAN STRIP					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
IS01	1097+03.02	19.1'	LT	951309.989	2990773.946
IS02	1097+04.95	10.7'	LT	951307.395	2990775.773
IS03	1097+15.20	15.9'	LT	951306.241	2990785.991
IS04	1097+17.82	18.6'	LT	951308.863	2990788.713
IS05	1097+17.81	59.2'	LT	951349.398	2990790.358
IS06	1097+13.88	59.7'	LT	951350.075	2990786.450

ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1096+42.69	25.2'	LT	951234.932	2990710.854
EB02	1096+42.69	29.2'	LT	951238.937	2990710.803
EB03	1096+57.07	13.2'	LT	951222.428	2990724.524
EB04	1097+50.39	12.4'	LT	951217.770	2990817.736
EB05	1097+50.36	17.9'	LT	951223.089	2990817.918



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 7 OF 12

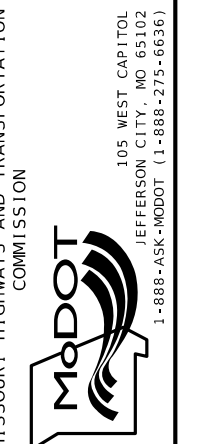


DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 26

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-464-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

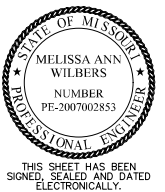
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

- ALTERNATE PAVEMENT
- A2 SHOULDER
- 6" CONCRETE MEDIAN STRIP
- REMOVALS

NOTES:
 FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1120+03.05	23.1'	RT	951174.274	2993070.357
WB02	1119+99.41	16.1'	RT	951181.380	2993067.005
WB03	1119+99.44	11.3'	RT	951186.255	2993067.232
WB04	1120+86.82	24.2'	RT	951169.722	2993154.022
WB05	1120+86.82	28.3'	RT	951165.726	2993153.856



DATE PREPARED: 11/19/2024

ROUTE: 50 STATE: MO

DISTRICT: KC SHEET NO.: 27

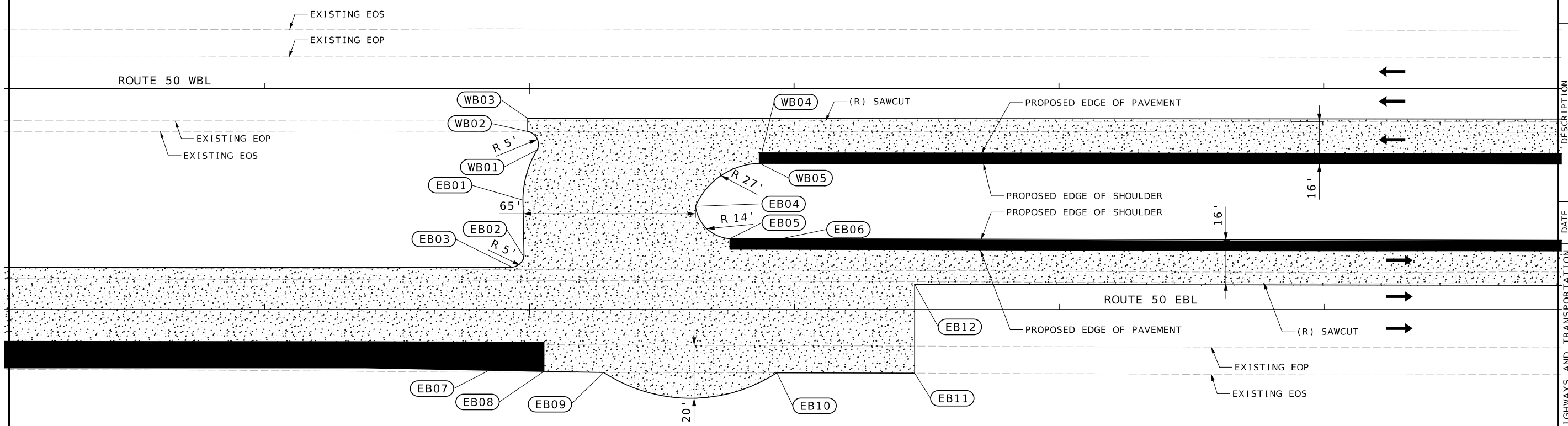
COUNTY: JOHNSON

JOB NO.: JKR0136

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1191+97.49	41.3'	LT	951155.495	2993064.159
EB02	1119+97.95	19.8'	LT	951133.899	2993063.741
EB03	1119+93.42	15.1'	LT	951129.467	2993059.024
EB04	1120+62.64	39.0'	LT	951150.542	2993129.153
EB05	1120+75.65	26.8'	LT	951137.768	2993141.662
EB06	1120+75.65	22.8'	LT	951133.771	2993141.486
EB07	1120+05.42	12.2'	RT	951101.602	2993069.903
EB08	1120+05.42	23.8'	RT	951090.202	2993069.440
EB09	1120+27.99	23.7'	RT	951089.243	2993091.992
EB10	1120+93.36	23.8'	RT	951086.453	2993157.300
EB11	1121+45.42	23.9'	RT	951084.194	2993209.311
EB12	1121+45.42	9.54'	LT	951117.695	2993210.671



SPECIAL SHEET
 INTERSECTION DETAIL
 SHEET 8 OF 12








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



601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 672-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

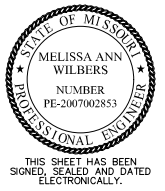
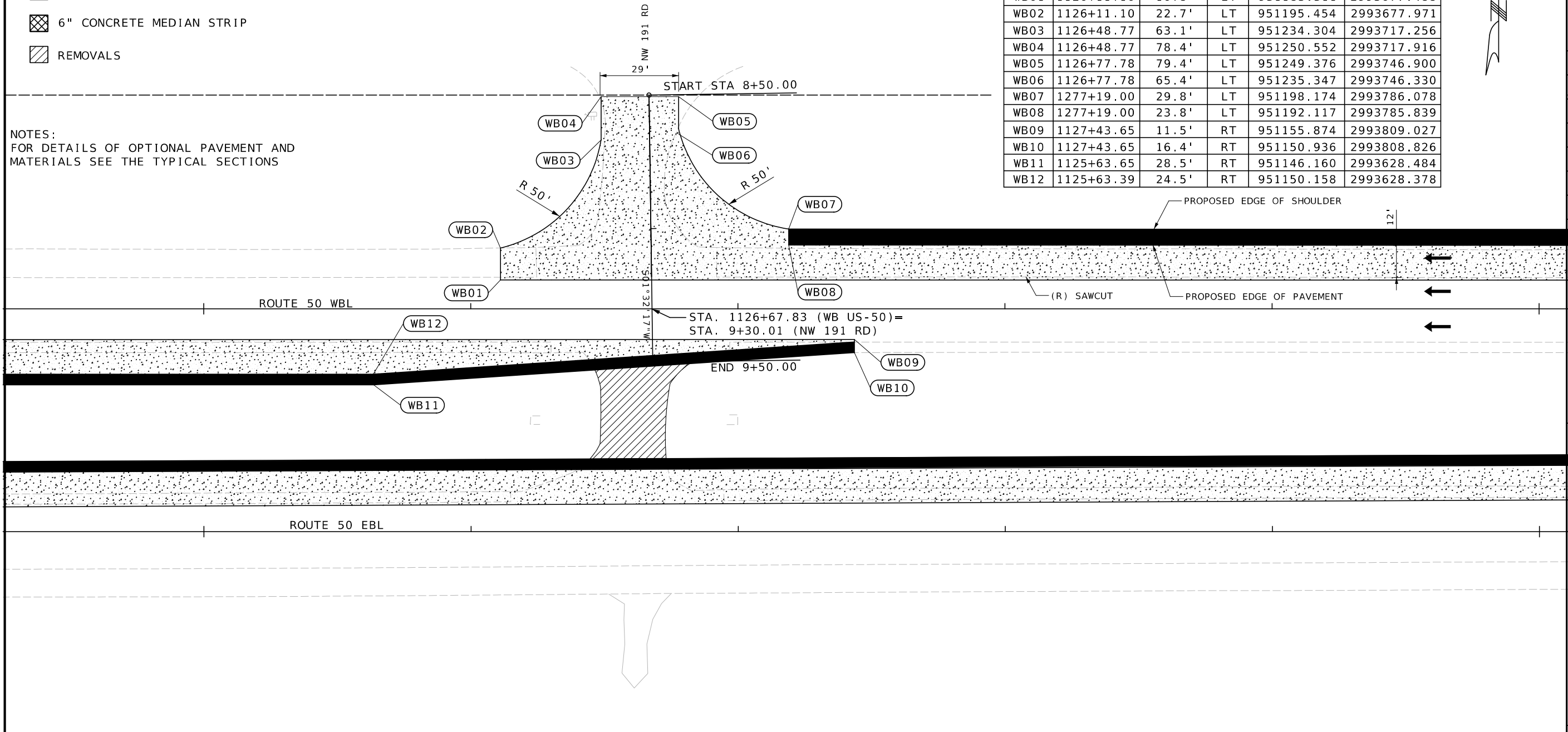
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1126+11.10	10.8'	LT	951183.511	2993677.488
WB02	1126+11.10	22.7'	LT	951195.454	2993677.971
WB03	1126+48.77	63.1'	LT	951234.304	2993717.256
WB04	1126+48.77	78.4'	LT	951250.552	2993717.916
WB05	1126+77.78	79.4'	LT	951249.376	2993746.900
WB06	1126+77.78	65.4'	LT	951235.347	2993746.330
WB07	1277+19.00	29.8'	LT	951198.174	2993786.078
WB08	1277+19.00	23.8'	LT	951192.117	2993785.839
WB09	1127+43.65	11.5'	RT	951155.874	2993809.027
WB10	1127+43.65	16.4'	RT	951150.936	2993808.826
WB11	1125+63.65	28.5'	RT	951146.160	2993628.484
WB12	1125+63.39	24.5'	RT	951150.158	2993628.378



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 28

COUNTY JOHNSON

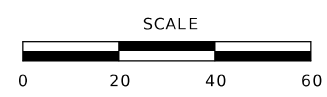
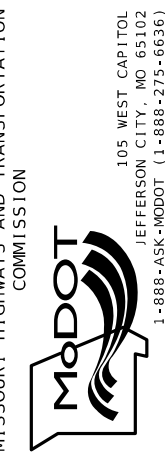
JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 9 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

- ☐ ALTERNATE PAVEMENT
- A2 SHOULDER
- ▨ 6" CONCRETE MEDIAN STRIP
- ▩ REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

1150

1155

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1151+67.32	11.0'	RT	951057.839	2996230.713
WB02	1151+67.32	38.1'	RT	951030.779	2996229.615
WB03	1154+18.67	33.1'	RT	951025.569	2996480.954
WB04	1154+18.47	29.1'	RT	951029.574	2996480.917
WB05	1155+17.70	28.2'	RT	951026.493	2996580.104
WB06	1155+17.50	24.2'	RT	951030.497	2996580.067
WB07	1157+34.45	24.3'	RT	951021.573	2996796.831
WB08	1157+34.64	28.3'	RT	951017.573	2996796.861
WB09	1159+40.83	18.3'	RT	951019.128	2997003.284
WB10	1159+40.80	14.3'	RT	951023.130	2997003.420



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 29

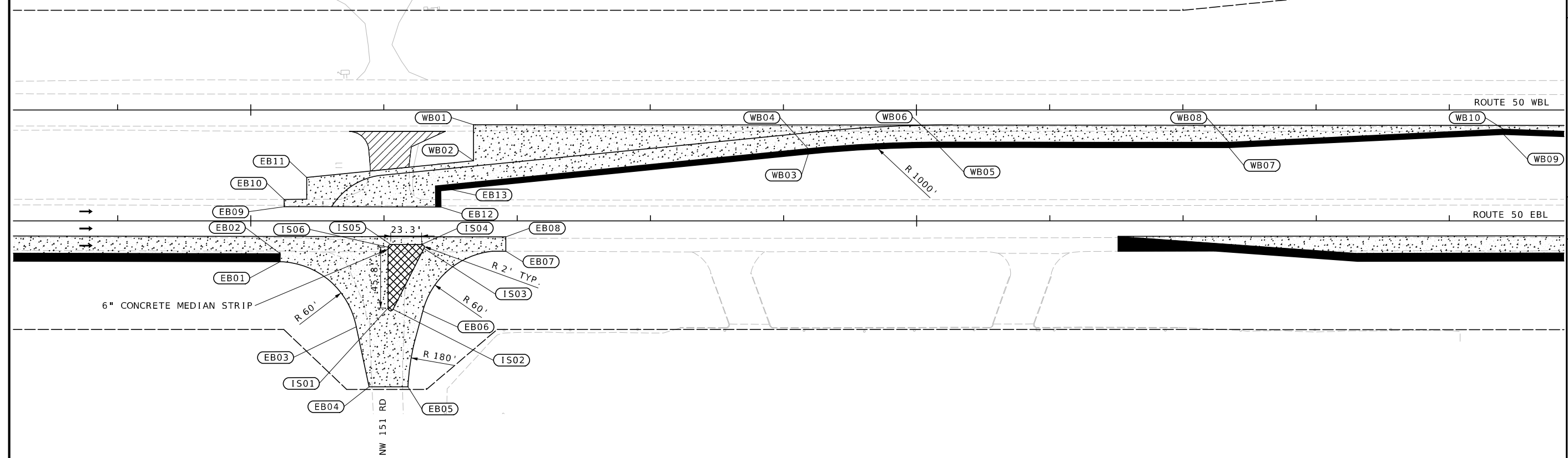
COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

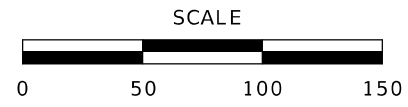
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1150+22.03	30.5'	RT	950960.881	2996081.496
EB02	1150+20.03	24.5'	RT	950966.877	2996081.723
EB03	1150+78.80	77.7'	RT	950911.523	2996136.272
EB04	1150+88.76	124.6'	RT	950864.228	2996144.335
EB05	1151+17.93	124.6'	RT	950863.043	2996173.480
EB06	1151+29.16	67.7'	RT	950919.464	2996187.020
EB07	1151+91.42	22.8'	RT	950961.784	2996251.051
EB08	1151+91.42	11.9'	RT	950972.654	2996251.493
EB09	1150+24.97	10.7'	LT	951000.069	2996086.102
EB10	1150+24.95	16.2'	LT	951007.517	2996086.299
EB11	1150+41.88	32.7'	LT	951023.363	2996103.885
EB12	1151+42.78	11.5'	LT	950997.999	2996203.835
EB13	1151+42.72	22.7'	LT	951009.247	2996204.241





6" CONCRETE MEDIAN STRIP					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
IS01	1151+03.01	65.5'	RT	950922.706	2996160.977
IS02	1151+06.79	66.4'	RT	950921.648	2996164.720
IS03	1151+30.02	20.6'	RT	950966.428	2996189.783
IS04	1151+28.24	17.7'	RT	950969.403	2996188.125
IS05	1151+04.98	17.7'	RT	950970.402	2996164.886
IS06	1151+03.01	19.7'	RT	950968.446	2996162.834



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 10 OF 12

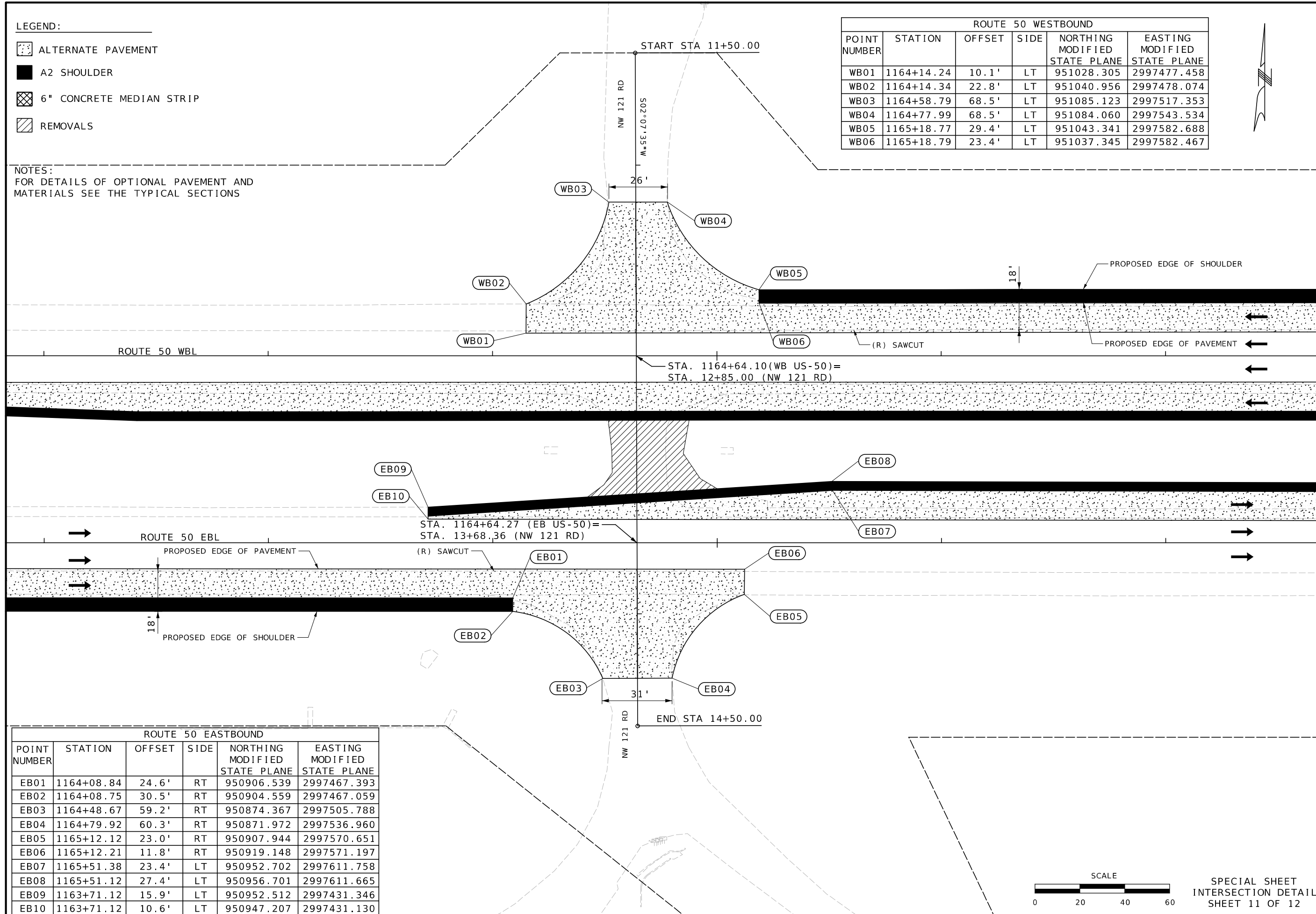
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

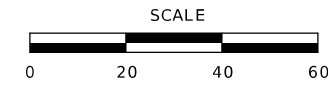
-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1164+14.24	10.1'	LT	951028.305	2997477.458
WB02	1164+14.34	22.8'	LT	951040.956	2997478.074
WB03	1164+58.79	68.5'	LT	951085.123	2997517.353
WB04	1164+77.99	68.5'	LT	951084.060	2997543.534
WB05	1165+18.77	29.4'	LT	951043.341	2997582.688
WB06	1165+18.79	23.4'	LT	951037.345	2997582.467



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1164+08.84	24.6'	RT	950906.539	2997467.393
EB02	1164+08.75	30.5'	RT	950904.559	2997467.059
EB03	1164+48.67	59.2'	RT	950874.367	2997505.788
EB04	1164+79.92	60.3'	RT	950871.972	2997536.960
EB05	1165+12.12	23.0'	RT	950907.944	2997570.651
EB06	1165+12.21	11.8'	RT	950919.148	2997571.197
EB07	1165+51.38	23.4'	LT	950952.702	2997611.758
EB08	1165+51.12	27.4'	LT	950956.701	2997611.665
EB09	1163+71.12	15.9'	LT	950952.512	2997431.346
EB10	1163+71.12	10.6'	LT	950947.207	2997431.130



SPECIAL SHEET
INTERSECTION DETAIL
SHEET 11 OF 12



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 30

COUNTY JOHNSON
JOB NO. JKR0136
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 672-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

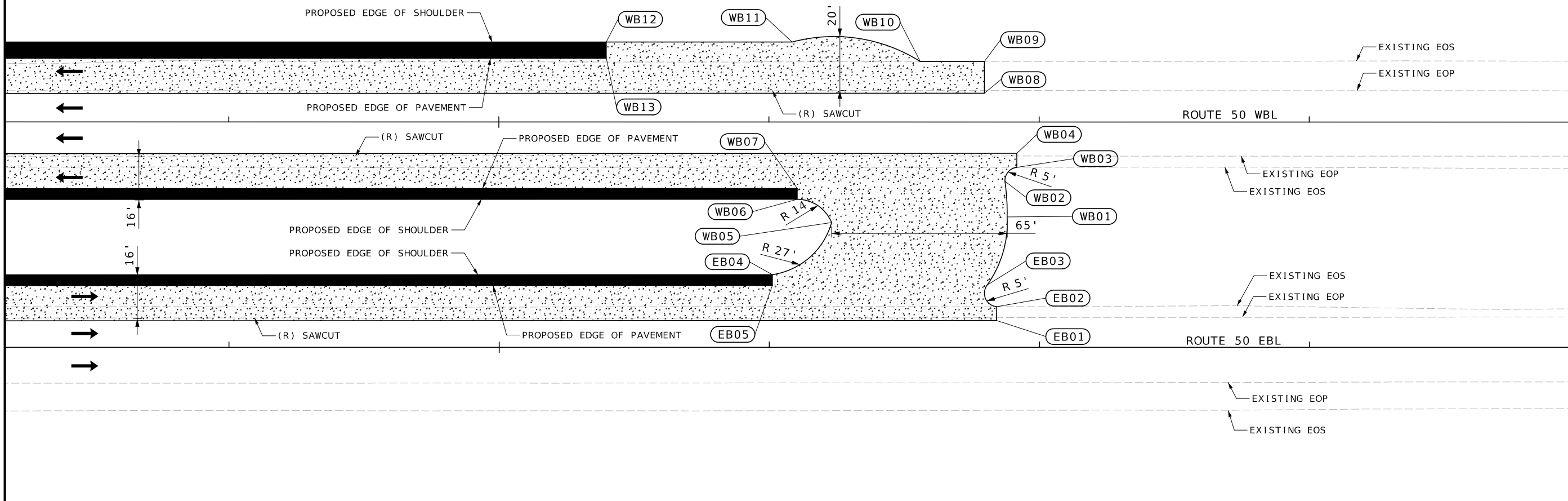
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

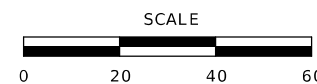
-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

NOTES:
 FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS

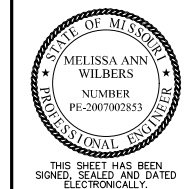
ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	1171+88.15	35.0'	RT	950951.695	2998248.897
WB02	1171+87.33	21.8'	RT	950964.929	2998248.616
WB03	1171+91.72	16.7'	RT	950969.871	2998253.210
WB04	1171+91.71	11.5'	RT	950975.047	2997253.407
WB05	1171+23.40	37.1'	RT	950952.267	2998183.916
WB06	1171+10.41	28.5'	RT	950961.393	2998171.483
WB07	1171+10.41	24.5'	LT	950965.389	2998171.645
WB08	1171+79.71	10.6'	LT	950997.721	2998242.317
WB09	1171+79.71	22.4'	LT	951009.482	2998242.794
WB10	1171+55.99	22.4'	LT	951010.444	2998219.097
WB11	1171+08.57	29.6'	LT	951019.576	2998172.013
WB12	1170+39.71	29.6'	LT	951022.353	2998103.202
WB13	1170+39.71	23.7'	LT	951016.506	2998102.964



ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	1171+84.06	10.0'	LT	950913.626	2998243.371
EB02	1171+84.04	15.0'	LT	950918.682	2998243.563
EB03	1171+80.62	23.0'	LT	950926.787	2998240.470
EB04	1171+01.12	26.8'	LT	950933.851	2998161.190
EB05	1171+01.12	22.8'	LT	950929.854	2998161.034



SPECIAL SHEET
 INTERSECTION DETAIL
 SHEET 12 OF 12



DATE PREPARED
 11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 31

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

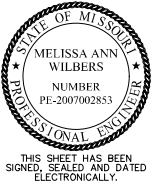


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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 PHONE 873-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 32

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

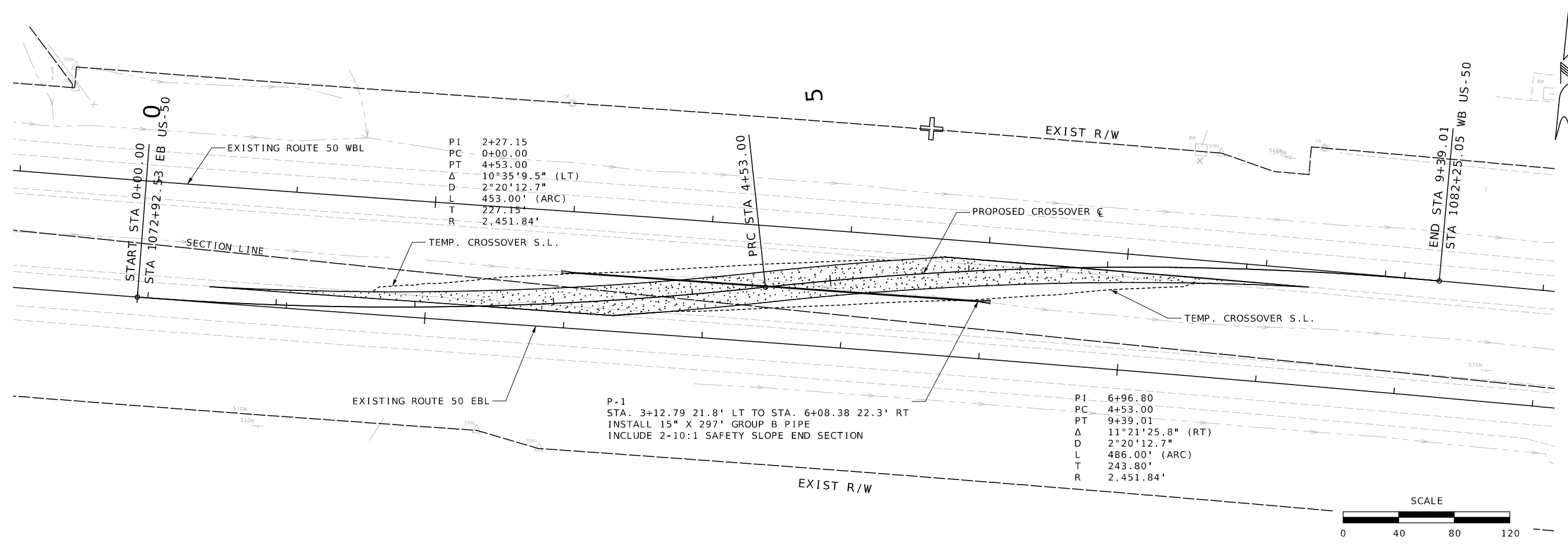
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

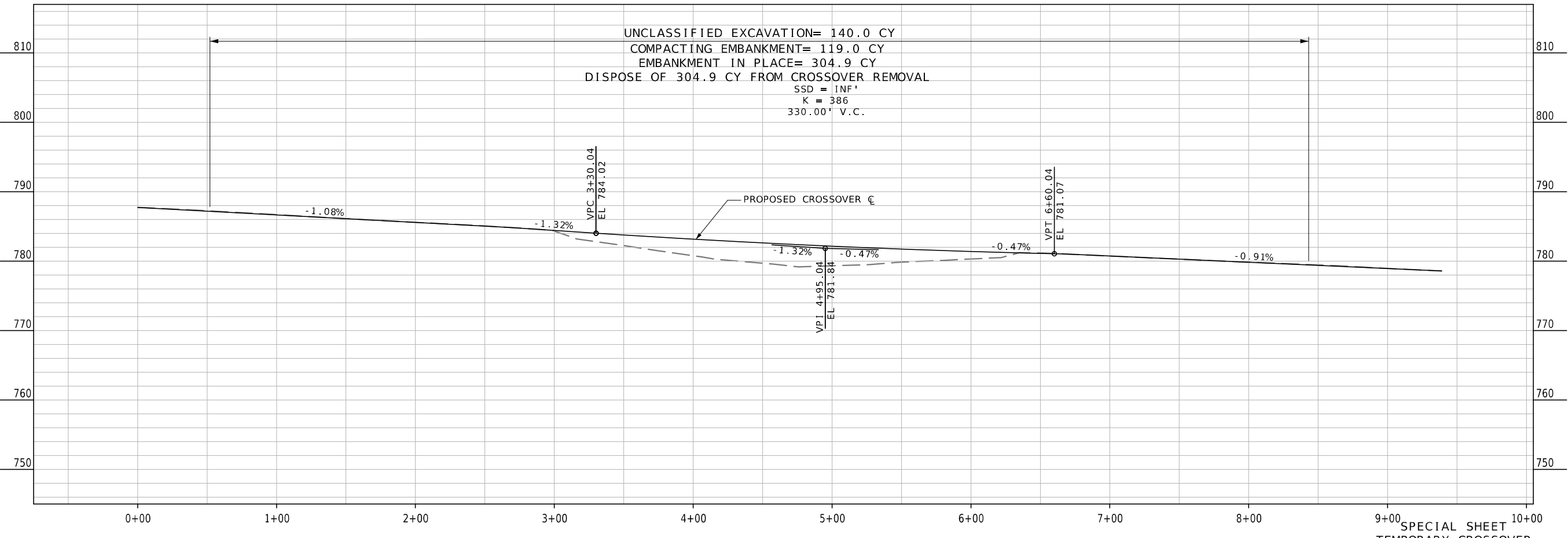
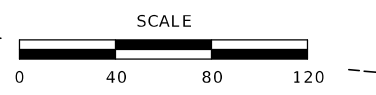
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P1 2+27.15
 PC 0+00.00
 PT 4+53.00
 Δ 10°35'9.5" (LT)
 D 2°20'12.7"
 L 453.00' (ARC)
 T 227.15'
 R 2,451.84'

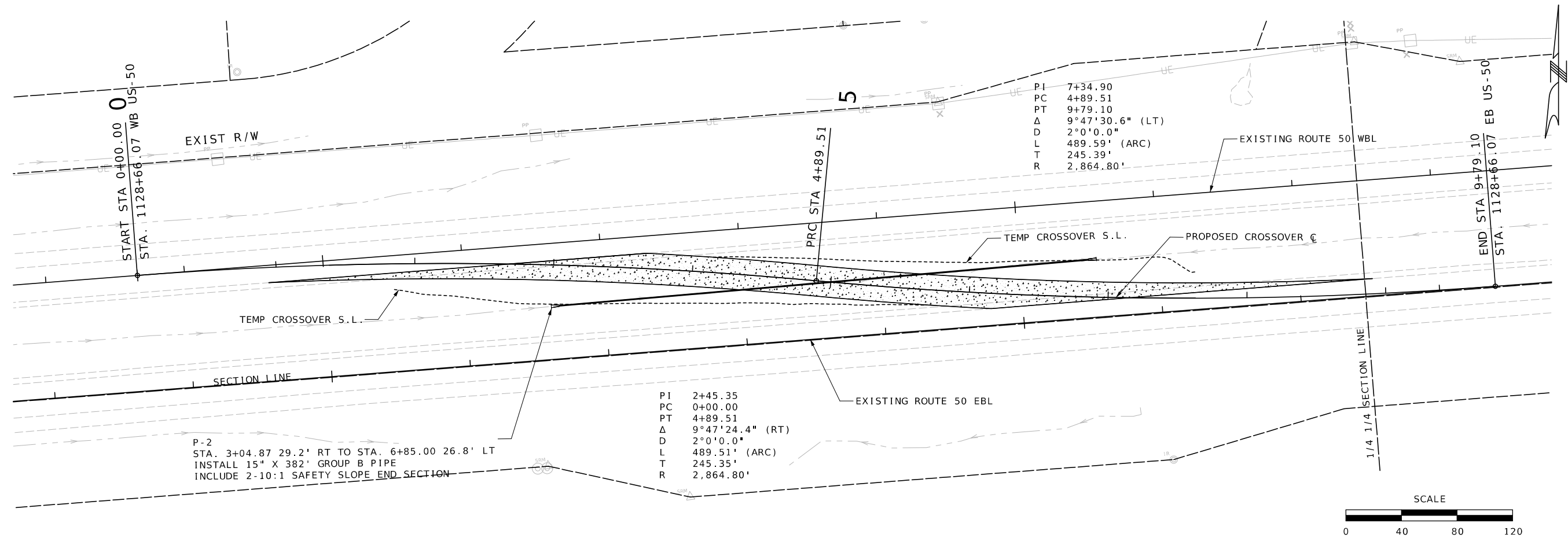
P-1
 STA. 3+12.79 21.8' LT TO STA. 6+08.38 22.3' RT
 INSTALL 15" X 297' GROUP B PIPE
 INCLUDE 2-10:1 SAFETY SLOPE END SECTION

P1 6+96.80
 PC 4+53.00
 PT 9+39.01
 Δ 11°21'25.8" (RT)
 D 2°20'12.7"
 L 486.00' (ARC)
 T 243.80'
 R 2,451.84'



UNCLASSIFIED EXCAVATION= 140.0 CY
 COMPACTING EMBANKMENT= 119.0 CY
 EMBANKMENT IN PLACE= 304.9 CY
 DISPOSE OF 304.9 CY FROM CROSSOVER REMOVAL
 SSD = INF'
 K = 386
 330.00' V.C.

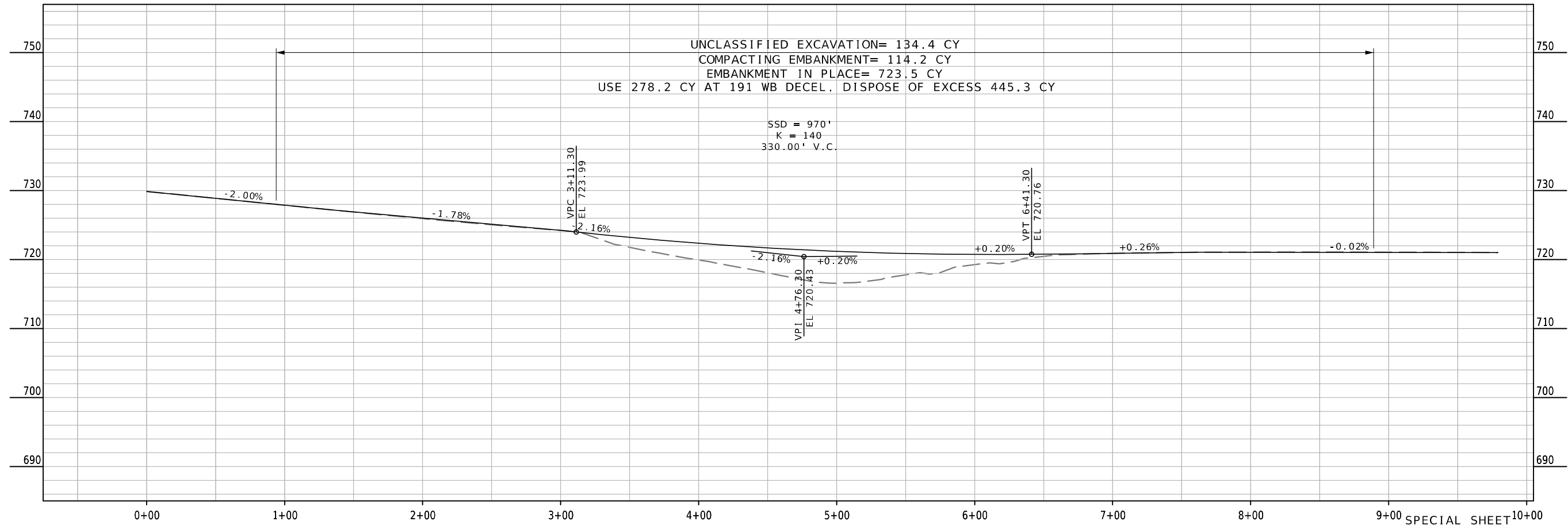
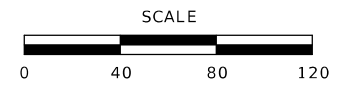
SPECIAL SHEET
 TEMPORARY CROSSOVER
 SHEET 1 OF 2



P-2
 STA. 3+04.87 29.2' RT TO STA. 6+85.00 26.8' LT
 INSTALL 15" X 382' GROUP B PIPE
 INCLUDE 2-10:1 SAFETY SLOPE END SECTION

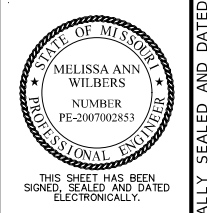
PI 2+45.35
 PC 0+00.00
 PT 4+89.51
 Δ 9°47'24.4" (RT)
 D 2°0'0.0"
 L 489.51' (ARC)
 T 245.35'
 R 2,864.80'

PI 7+34.90
 PC 4+89.51
 PT 9+79.10
 Δ 9°47'30.6" (LT)
 D 2°0'0.0"
 L 489.59' (ARC)
 T 245.39'
 R 2,864.80'



UNCLASSIFIED EXCAVATION= 134.4 CY
 COMPACTING EMBANKMENT= 114.2 CY
 EMBANKMENT IN PLACE= 723.5 CY
 USE 278.2 CY AT 191 WB DECEL. DISPOSE OF EXCESS 445.3 CY

SSD = 970'
 K = 140
 330.00' V.C.



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 33
COUNTY JOHNSON	
JOB NO. JKR0136	
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

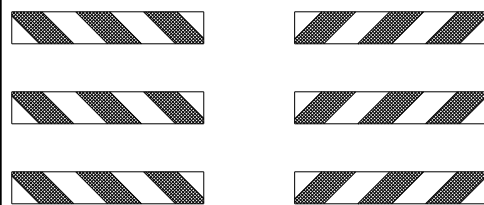
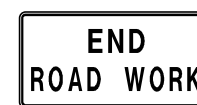
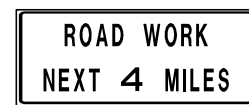
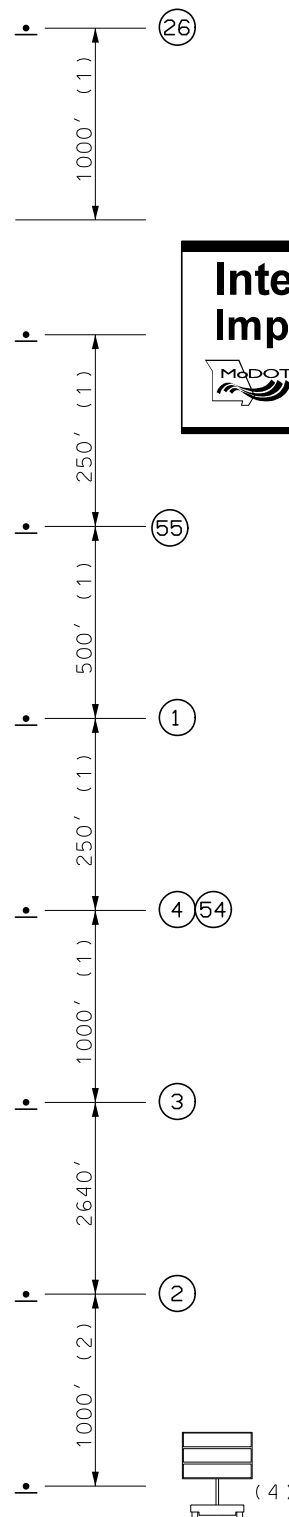
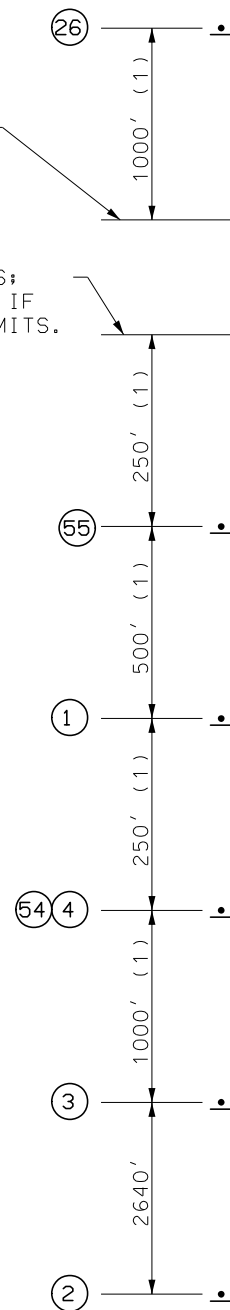
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 PHONE 873-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SPECIAL SHEET
 TEMPORARY CROSSOVER
 SHEET 2 OF 2

END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.



NOTES:

ALL LANES OF ROUTE 50 ARE TO BE OPEN DURING NON-WORKING HOURS UNLESS APPROVED IN WRITING BY THE ENGINEER.

MINIMUM WIDTH FOR HIGHWAY 50 TRAFFIC LANE IS 10 FEET.

SIGN ① IS REQUIRED PER EPG 616.6.56.

SIGN ②⑥ IS USED ON ALL PROJECTS WHERE SIGN ① IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS, WHERE TRAFFIC BREAKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT 4 MILES SIGN WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

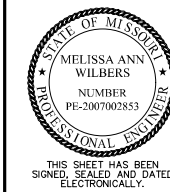
(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS.

(4) 4 CHANGEABLE MESSAGE BOARDS ARE REQUIRED.

ALL TEMPORARY TRAFFIC CONTROL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED. ALL SIGNS ON THIS SHEET ARE PERMANENT MOUNTING.

MULTI-LANE DIVIDED
BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

TEMPORARY
TRAFFIC CONTROL
BEGIN/END
SHEET 1 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 34
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

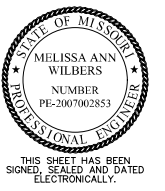
DATE	DESCRIPTION

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 877-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 35

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

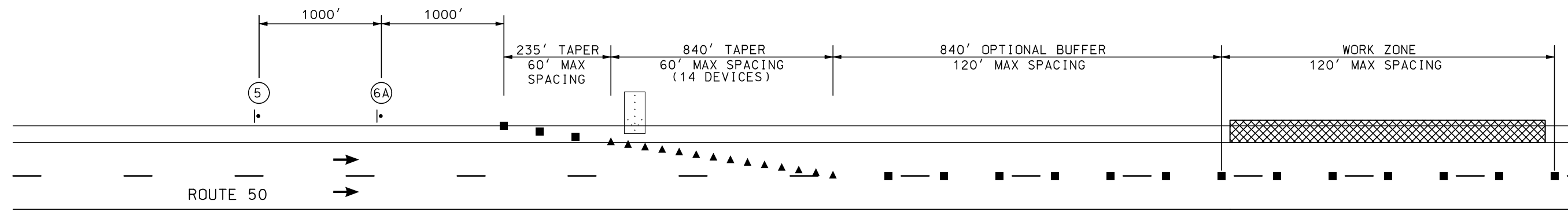
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

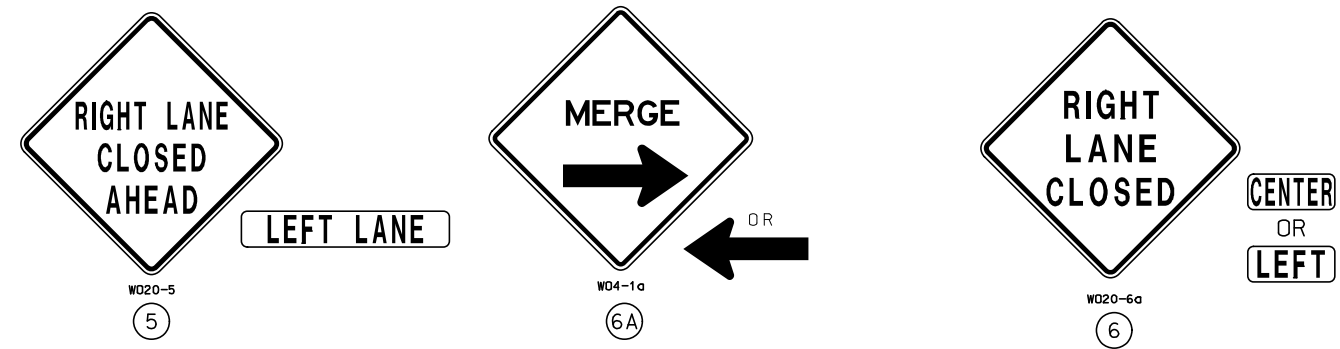
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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LEFT LANE CLOSURE
NOT TO SCALE



NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

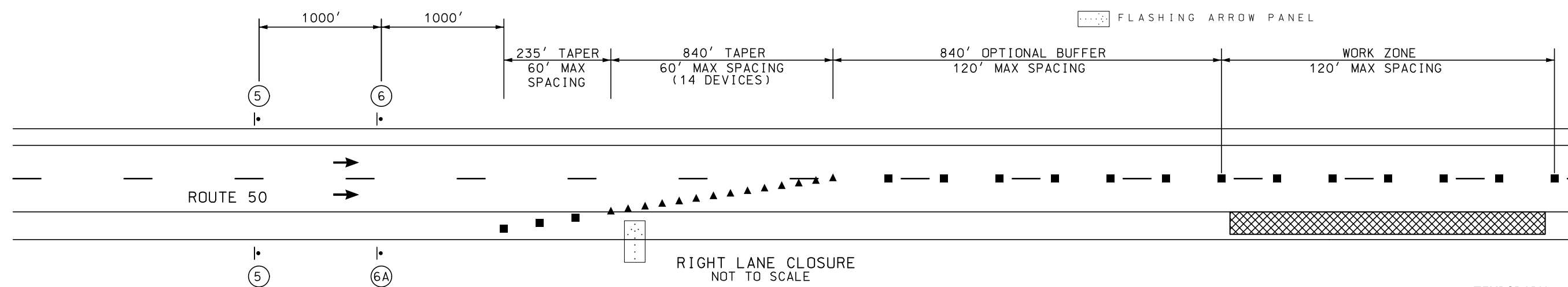
SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10

TRAFFIC CONTROL LEGEND

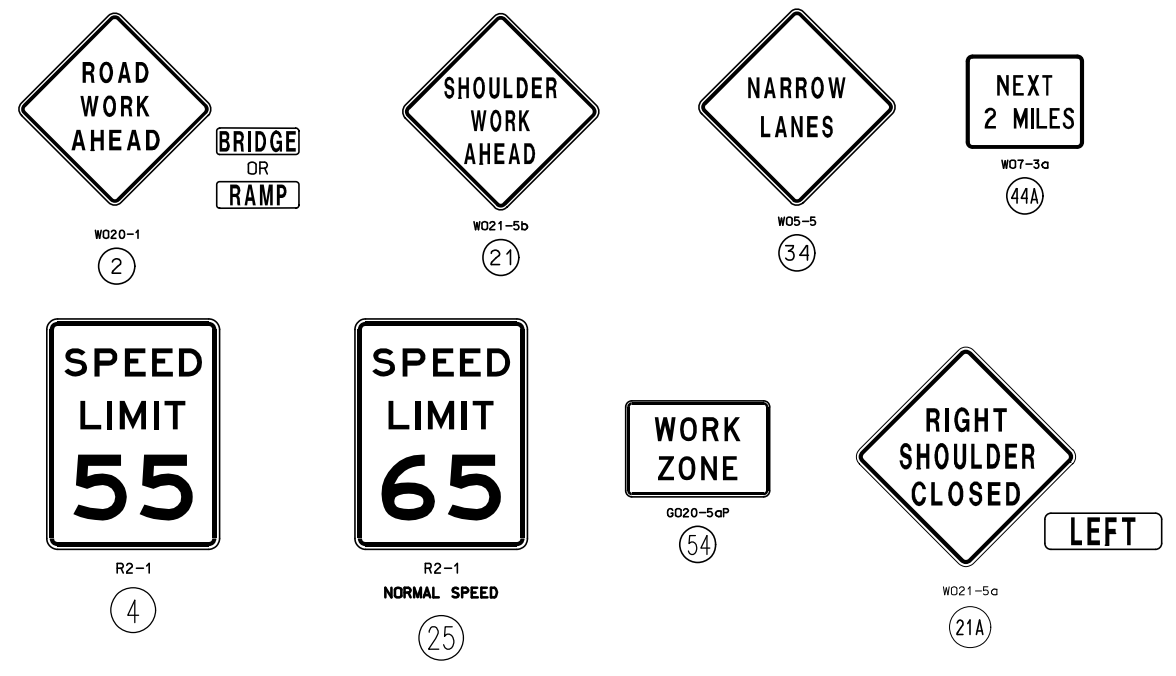
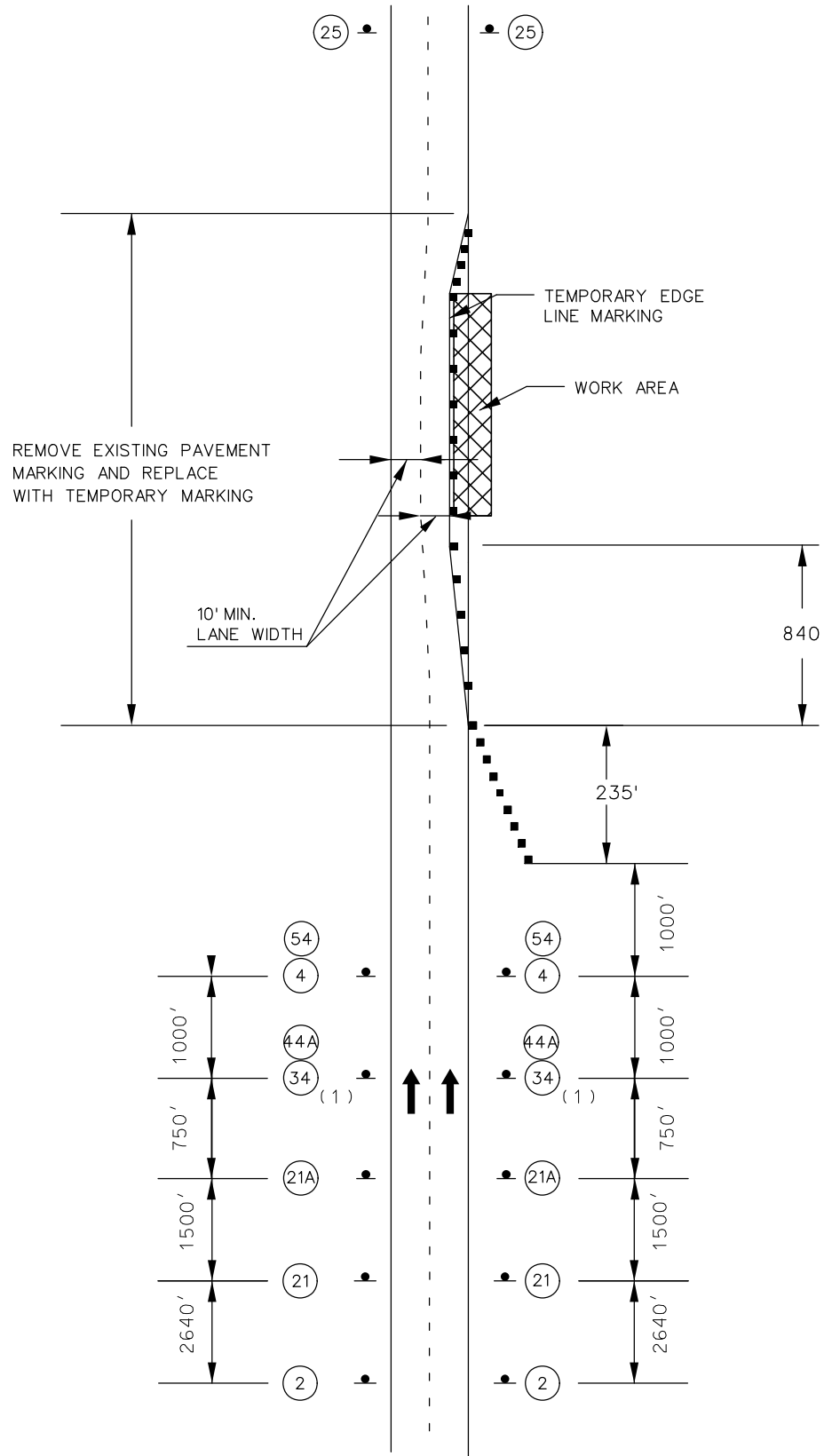
- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- E TYPE III MOVABLE BARRICADE
- ▲ CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL



RIGHT LANE CLOSURE
NOT TO SCALE

TEMPORARY
TRAFFIC CONTROL
LANE CLOSURE
SHEET 2 OF 39

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



NOTES:

SEE TRAFFIC CONTROL SHEET 2 FOR DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

ROAD WORK AHEAD NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD IS ALREADY USED.

IF SHOULDER IS SUITABLE FOR CARRYING TRAFFIC, THE LANES MAY BE SHIFTED TO THE SHOULDER WITH APPROPRIATE PAVEMENT MARKING.

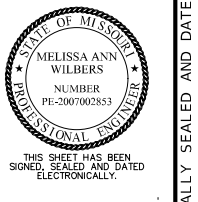
NARROW LANES SIGN SHOULD BE USED WHEN THE LANE WIDTH IS REDUCED.

SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10

SHOULDER WORK ON DIVIDED HIGHWAY
REDUCED LANE WIDTHS

TEMPORARY
TRAFFIC CONTROL
SHOULDER WORK
SHEET 3 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 36
COUNTY JOHNSON	
JOB NO. JKR0136	
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 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707, ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

616.8.10f (TA-10F) PUBLIC ROAD CROSSING ANOTHER ROAD UNDER CONSTRUCTION - DE/CM

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/WORK AREAS
0-35	200	-	70	245	280	35	40
40-45	350	-	150	540	400	40	80
50-55	500	-	185	660	560	50	80
60-70	1000	-	235	840	840	60	120

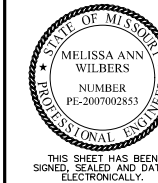
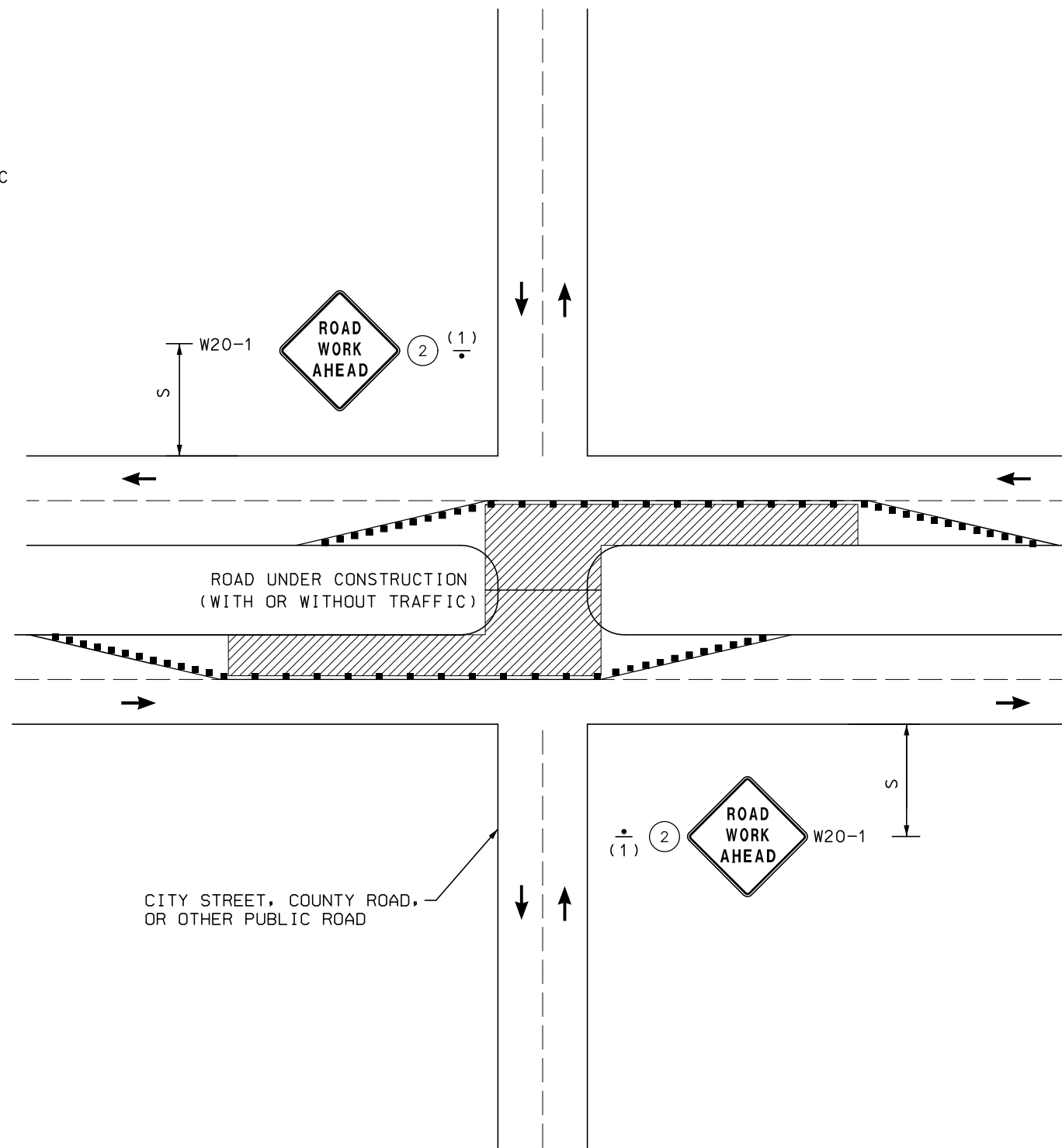
1 SHOULDER TAPER LENGTH BASED ON 10 FT (STANDARD SHOULDER WIDTH) OFFSET. 2. LANE TAPER LENGTH BASED ON 12 FT (STANDARD LANE WIDTH) OFFSET.

NOTES:

ADDITIONAL SIGNING MAY BE REQUIRED BASED ON WORK ZONE ACTIVITIES.

(1) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHES TO THE WORK ZONE.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 37

COUNTY JOHNSON

JOB NO. JKRO136

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)

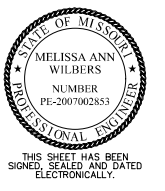
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TEMPORARY TRAFFIC CONTROL SIDE ROAD DETAIL SHEET 4 OF 39

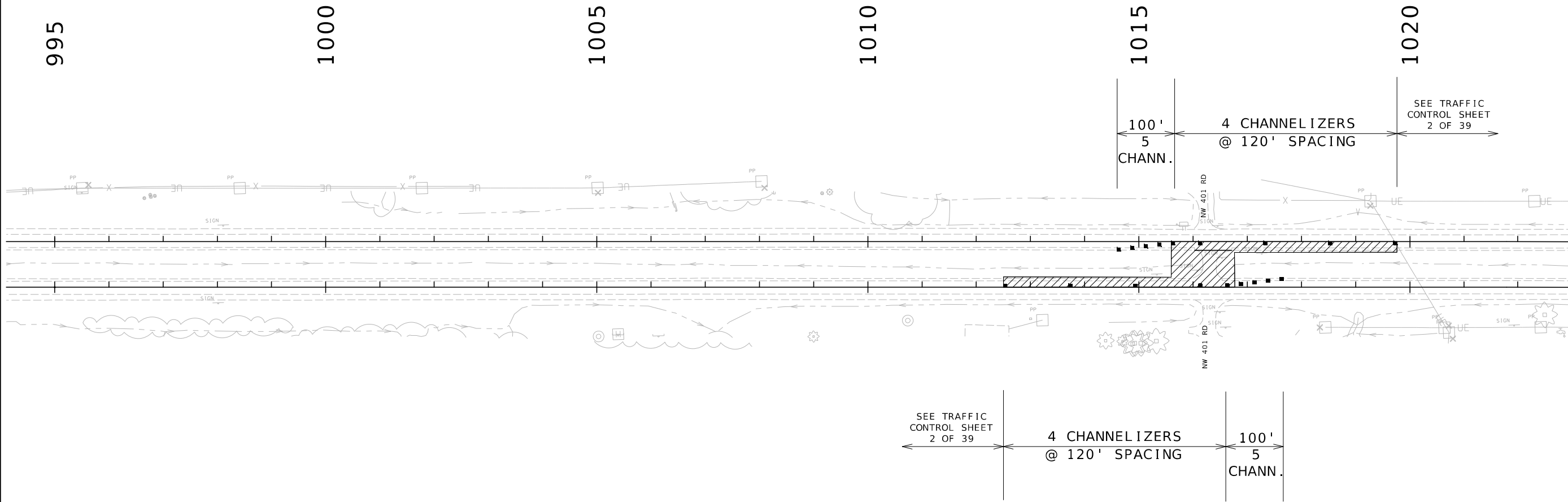
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 38
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



DESCRIPTION	DATE

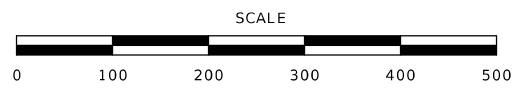
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

PHASE 1A:
REMOVE CROSSOVER IN MEDIAN.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 211.7 CY
 COMPACTING EMBANKMENT= 0.0 CY
 USE 103.6 CY AT PHASE 1B (401 J-TURN EB DECEL)
 USE 81.2 CY AT PHASE 1C (401 J-TURN EB DECEL)
 DISPOSE OF EXCESS 26.9 CY





TEMPORARY
TRAFFIC CONTROL
PHASE 1A
SHEET 5 OF 39

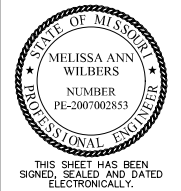
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CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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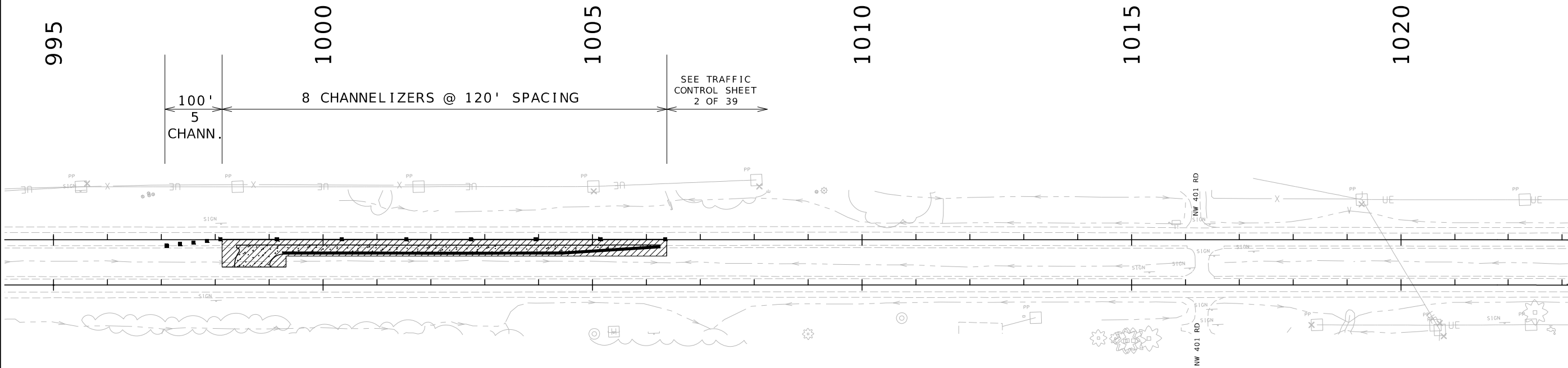
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



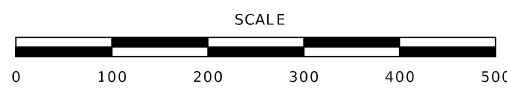
DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 39
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	




DATE	DESCRIPTION

PHASE 1B:
 INSTALL DECELERATION LANE AND J-TURN CROSSOVER
 ADJACENT TO WESTBOUND LANES IN THE MEDIAN WITH SINGLE
 LANE DROP FOR WESTBOUND LANES OF US-50. MAINTAIN AT LEAST
 ONE 12-FOOT TRAVEL LANE.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 279.7 CY
 COMPACTING EMBANKMENT= 237.7 CY
 OBTAIN 103.6 CY FROM PHASE 1A (MEDIAN CROSSOVER)



MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION



105 WEST CAPITOL
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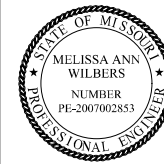
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 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 1B
 SHEET 6 OF 39

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

- ▨ WORK ZONE
- CHANNELIZER



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	40

COUNTY
JOHNSON
JOB NO.
JKR0136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

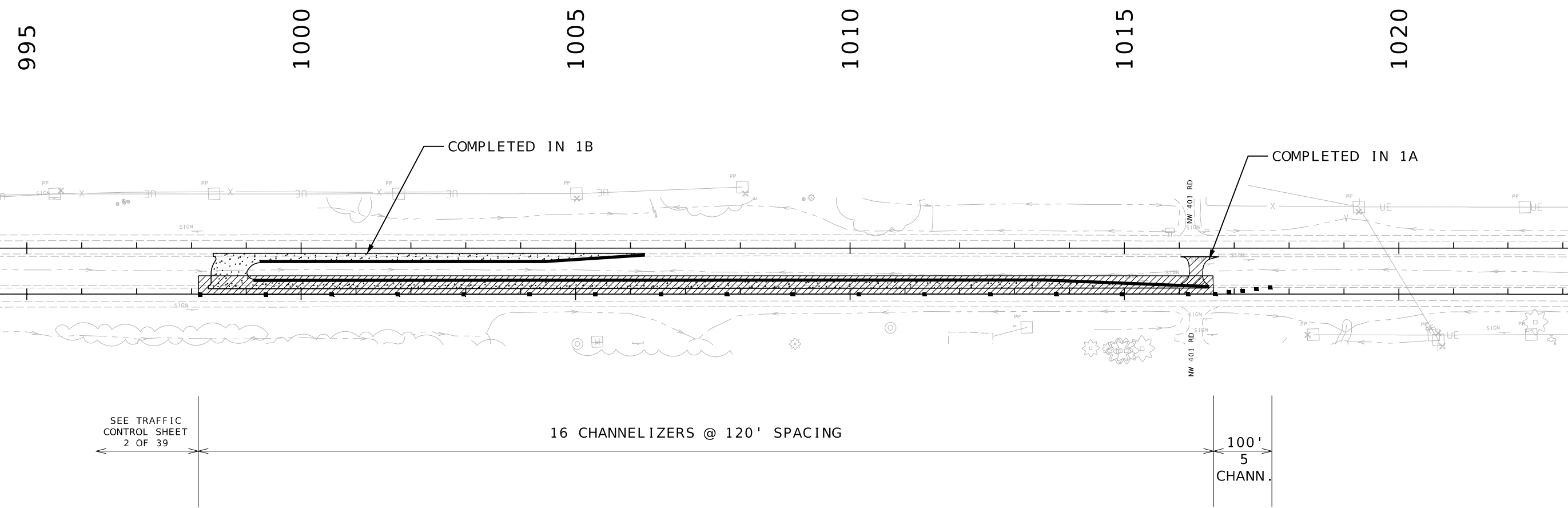
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

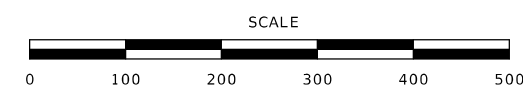
Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





PHASE 1C:
INSTALL ACCELERATION LANE ADJACENT TO EASTBOUND LANES IN THE MEDIAN WITH A SINGLE LANE DROP MAINTAINING AT LEAST ONE 12-FOOT TRAVEL LANE.

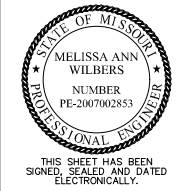
EARTHWORK NOTES:
UNCLASSIFIED EXCAVATION= 684.7 CY
COMPACTING EMBANKMENT= 582.0 CY
OBTAIN 81.2 CY FROM PHASE 1A (MEDIAN CROSSOVER)



TEMPORARY
TRAFFIC CONTROL
PHASE 1C
SHEET 7 OF 39

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	41

COUNTY
JOHNSON

JOB NO.
JKR0136

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
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PHONE 872-634-3181
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995

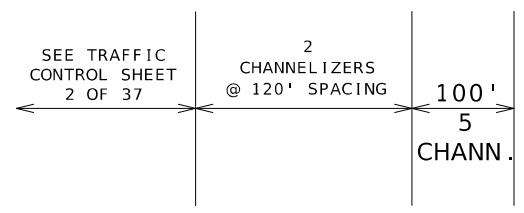
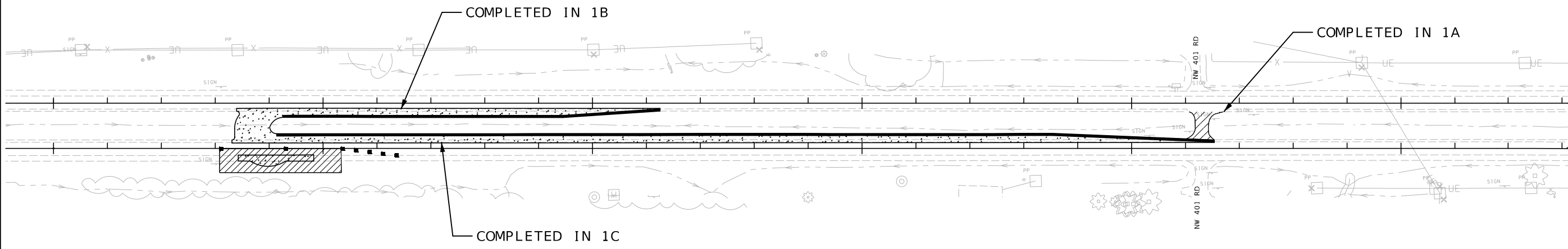
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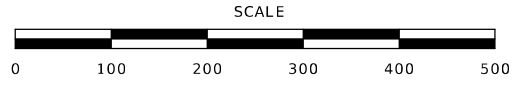
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PHASE 1D:
INSTALL OFF-TRACKING LOON ADJACENT TO THE DRIVING LANES OF EASTBOUND US-50 WITH A SINGLE LANE DROP MAINTAINING AT LEAST ONE 12-FOOT TRAVEL LANE.



EARTHWORK NOTES:
UNCLASSIFIED EXCAVATION= 71.5 CY
COMPACTING EMBANKMENT= 60.8 CY
DISPOSE OF EXCESS 32.2 CY

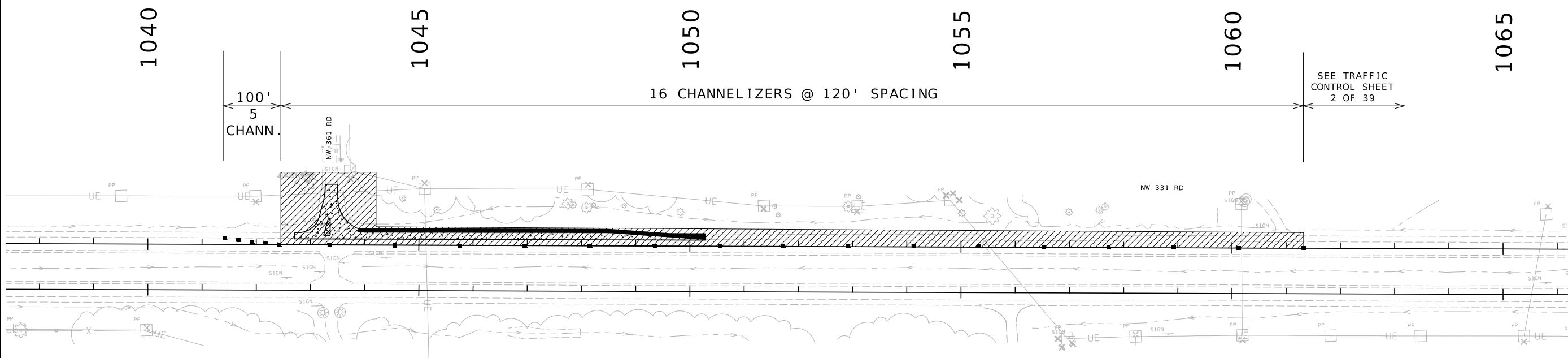


TEMPORARY
TRAFFIC CONTROL
PHASE 1D
SHEET 8 OF 39

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TRAFFIC CONTROL LEGEND

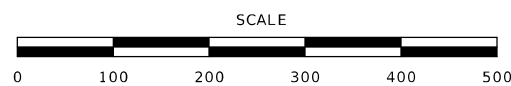
-  WORK ZONE
-  CHANNELIZER



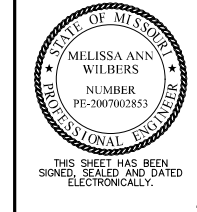
PHASE 2A:
 CONSTRUCT WESTBOUND DECELERATION LANE TO SIDE ROAD
 WITH NEW SIDE ROAD APRON. SINGLE LANE DROP MAINTAINING ONE
 LANE OF TRAVEL WESTBOUND ON US-50. MUST MAINTAIN ACCESS
 FOR LOCAL TRAFFIC ACCESSING SIDE ROAD.
 REMOVE NW 331 RD ACCESS TO US-50

EARTHWORK NOTES:
 361 WB DECEL
 UNCLASSIFIED EXCAVATION= 675.5 CY
 COMPACTING EMBANKMENT= 574.2 CY
 USE 143.3 CY AT PHASE 2B (361 EB OFFSET LT)
 DISPOSE OF EXCESS 83.9 CY

NW 331 RD REMOVAL
 UNCLASSIFIED EXCAVATION= 62.6 CY



SEE TRAFFIC CONTROL SHEET 2 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 42
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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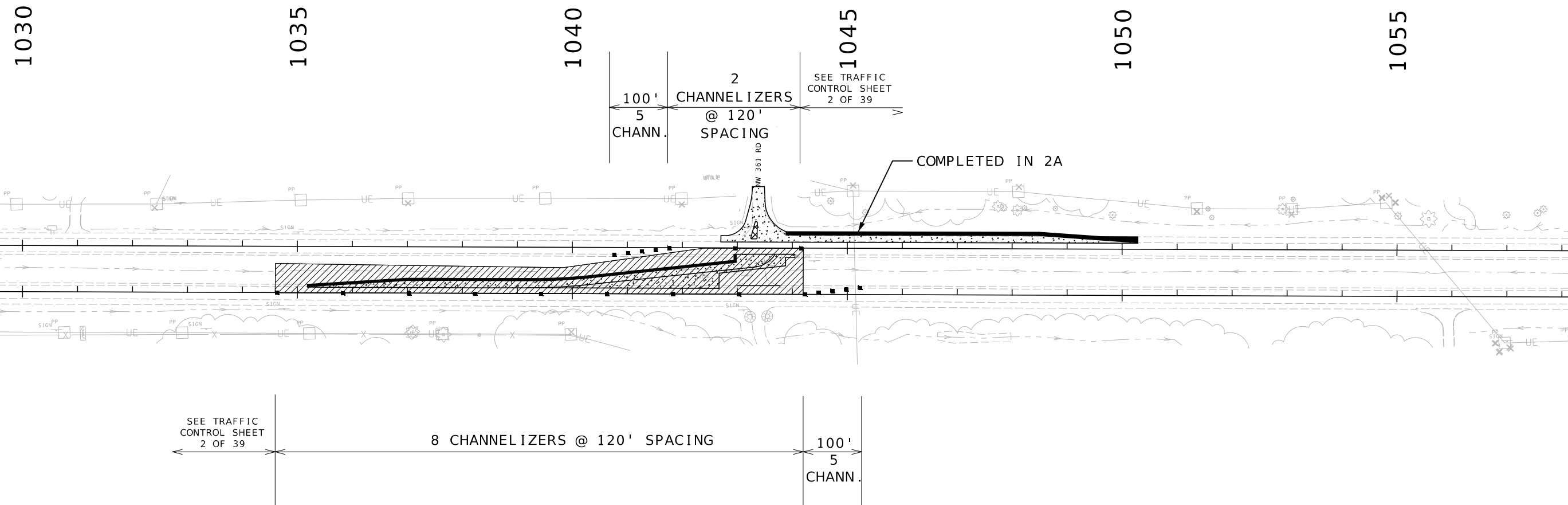
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TEMPORARY TRAFFIC CONTROL
 PHASE 2A
 SHEET 9 OF 39

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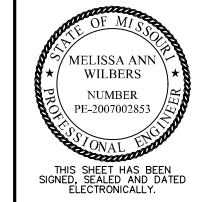
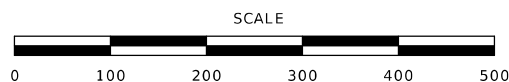
TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



PHASE 2B:
 REMOVE EXISTING CROSSOVER AND CONSTRUCT LEFT TURN LANE USING ONE LANE DROP IN EACH DIRECTION AND MAINTAINING NO LESS THAN ONE LANE OF TRAVEL IN EACH DIRECTION.


EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 373.9 CY
 COMPACTING EMBANKMENT= 317.9 CY
 OBTAIN 143.3 CY FROM PHASE 2A (361 WB DECEL)



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 43
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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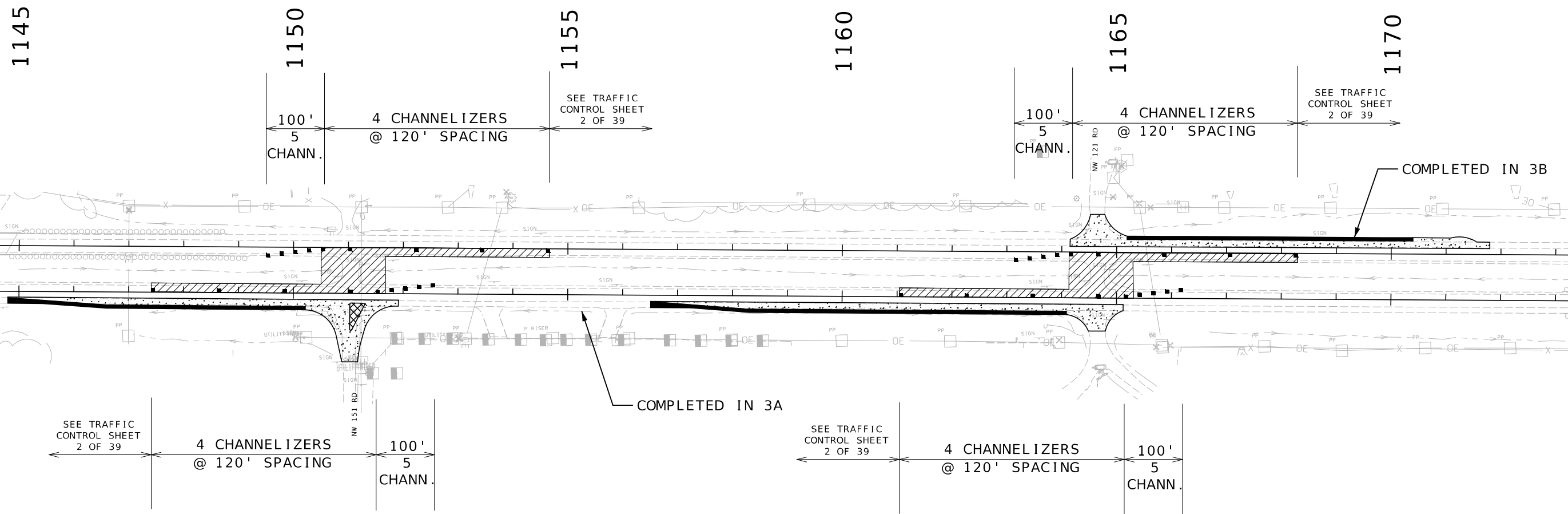
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 2B
 SHEET 10 OF 39

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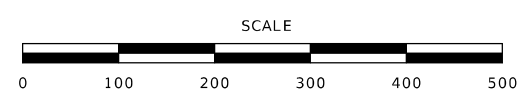
TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

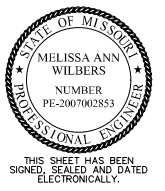


PHASE 3C:
REMOVE 2 EXISTING CROSSOVERS.

EARTHWORK NOTES:
QUANTITIES ARE INCLUDED IN
PHASE 3D (151 WB OFFSET LT/121 J-TURN WB ACCEL)
& PHASE 3E (121 J-TURN EB DECEL)



TEMPORARY
TRAFFIC CONTROL
PHASE 3C
SHEET 13 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 46
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1145

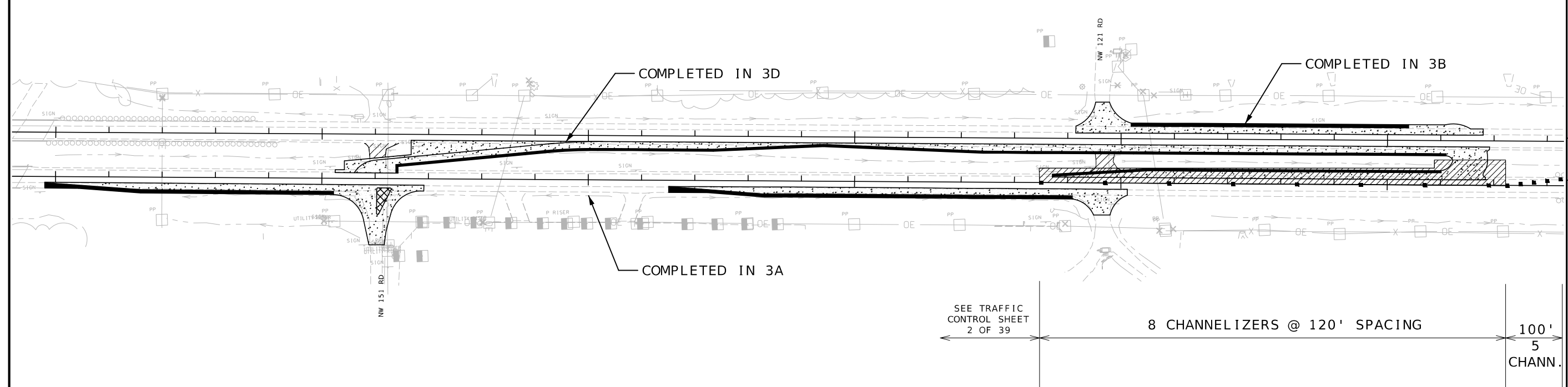
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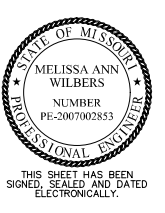
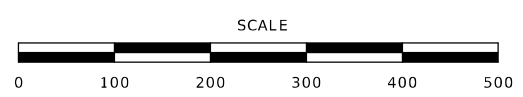
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PHASE 3E:
 CONSTRUCT J-TURN AND DECELERATION LANE
 ADJACENT TO EASTBOUND LANES OF US-50. MAINTAIN AT
 LEAST ONE 12-FOOT TRAVEL LANE FOR EASTBOUND US 50.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 380.7 CY
 COMPACTING EMBANKMENT= 323.6 CY
 EMBANKMENT IN PLACE= 281.7 CY
 OBTAIN 97.9 CY FROM PHASE 3A (121 EB DECEL)



DATE PREPARED
 11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	48

COUNTY
 JOHNSON
 JOB NO.
 JK0136
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION



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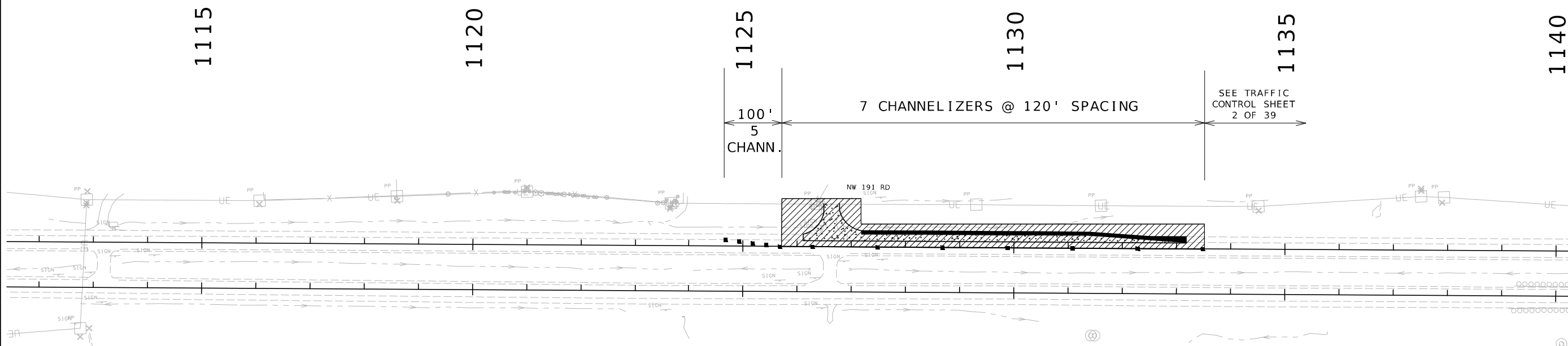
Bartlett & West
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 3E
 SHEET 15 OF 39

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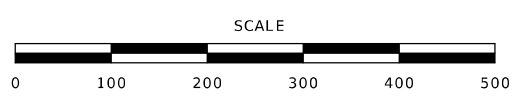
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-  WORK ZONE
-  CHANNELIZER

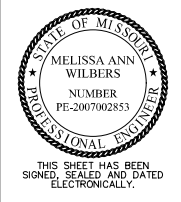


PHASE 4A:
 CONSTRUCT WESTBOUND DECELERATION LANE AND SIDE ROAD APPROACH.
 CONTRACTOR MUST MAINTAIN ACCESS TO LOCAL TRAFFIC.
 CONTRACTOR MUST MAINTAIN ONE 12-FOOT TRAVEL LANE ON US-50.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 540.5 CY
 COMPACTING EMBANKMENT= 459.4 CY
 EMBANKMENT IN PLACE= 278.2 CY




TEMPORARY
 TRAFFIC CONTROL
 PHASE 4A
 SHEET 16 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 49
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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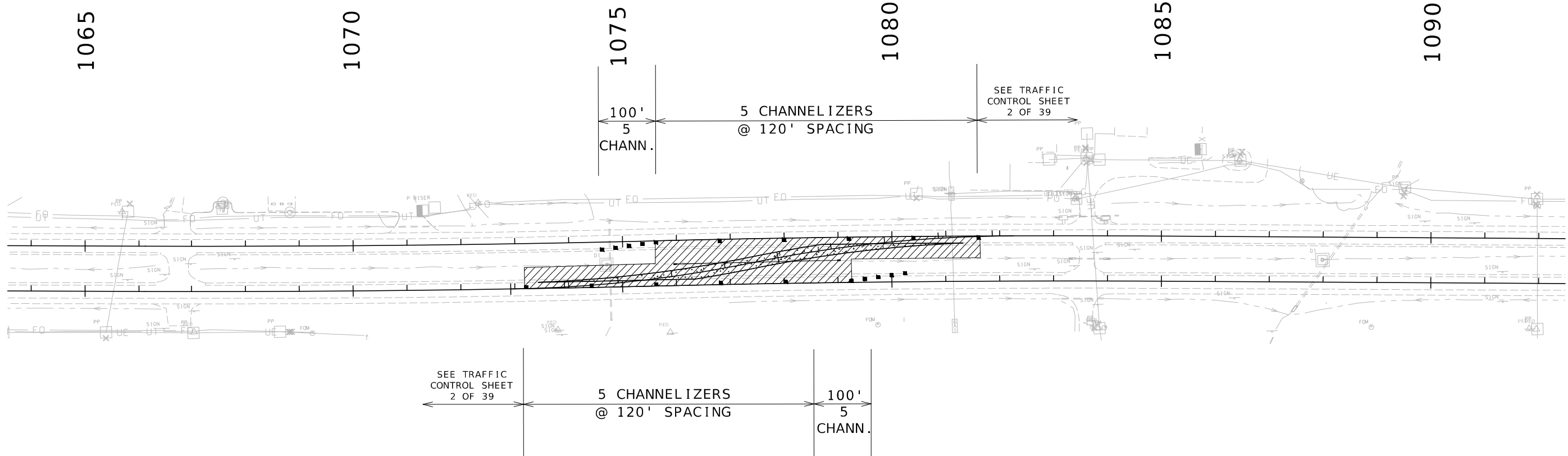
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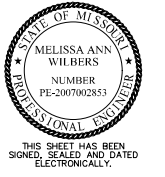
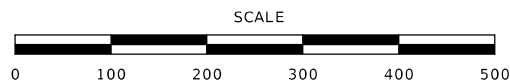
TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



PHASE 4C:
BUILD EASTBOUND TO WESTBOUND TEMPORARY CROSSOVER.

EARTHWORK NOTES:
UNCLASSIFIED EXCAVATION= 140.0 CY
COMPACTING EMBANKMENT= 119.0 CY
OBTAIN 304.9 CY FROM PHASE 3A (EB 121/151 AUXILIARY LANE)
DISPOSE OF EXCESS 304.9 CY DURING CROSSOVER REMOVAL



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 51

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1120

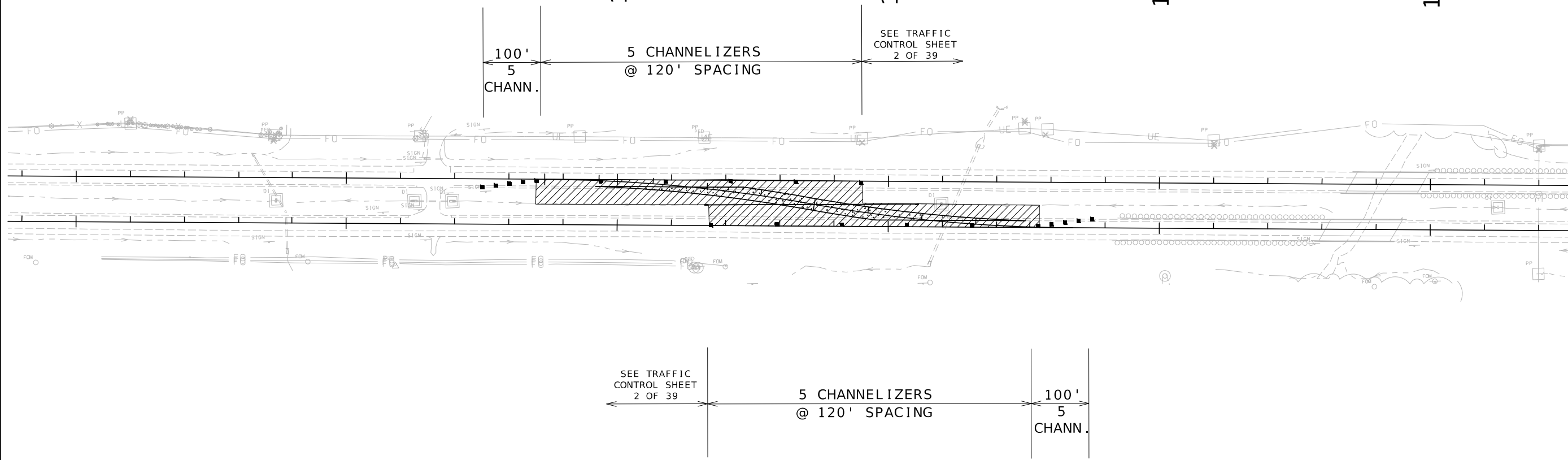
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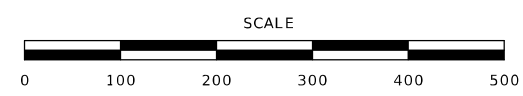
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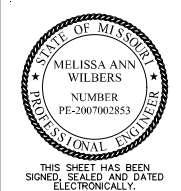


PHASE 4C:
BUILD WESTBOUND TO EASTBOUND TEMPORARY CROSSOVER.

EARTHWORK NOTES:
 UNCLASSIFIED EXCAVATION= 134.4 CY
 COMPACTING EMBANKMENT= 114.2 CY
 EMBANKMENT IN PLACE= 498.9 CY
 OBTAIN 26.9 CY FROM PHASE 1A (401 MEDIAN CROSSOVER)
 OBTAIN 32.3 CY FROM PHASE 1D (401 J-TURN EB LOON)
 OBTAIN 83.9 CY FROM PHASE 2A (361 WB DECEL)
 OBTAIN 125.8 CY FROM PHASE 3A (EB 121/ 151 AUXILIARY LANE)
 USE 278.9 CY AT 191 WB DECEL DURING CROSSOVER REMOVAL
 DISPOSE OF EXCESS 445.3 CY DURING CROSSOVER REMOVAL



TEMPORARY
TRAFFIC CONTROL
PHASE 4C
SHEET 19 OF 39



DATE PREPARED		11/19/2024	
ROUTE	STATE	50	MO
DISTRICT	SHEET NO.	KC	52
COUNTY			
JOHNSON			
JOB NO.			
JKR0136			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

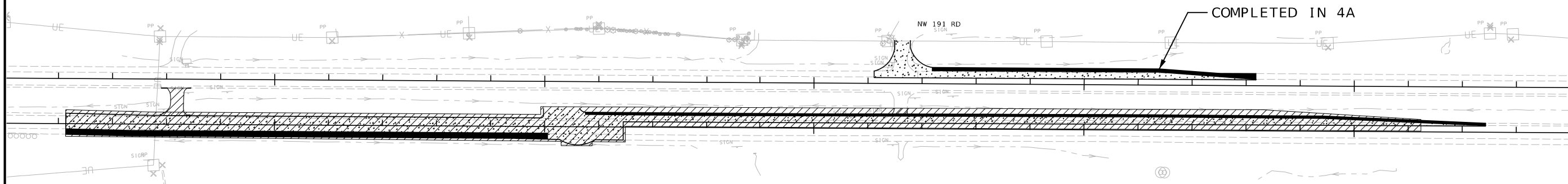
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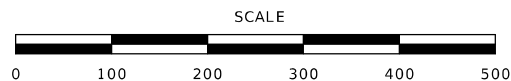
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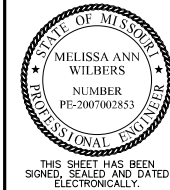


PHASE 4D:
 CLOSE EASTBOUND US-50.
 CONSTRUCT EASTBOUND US-50 CURVE ALIGNMENT,
 J-TURN, ACCELERATION LANE, AND LOON ADJACENT
 TO EASTBOUND LANES OF US-50.
 CLOSE EASTBOUND US-50. SEE TEMPORARY TRAFFIC
 CONTROL SHEET 28 TO 37 FOR CLOSURE DETAILS.

EARTHWORK NOTES:
 EB REPROFILE
 UNCLASSIFIED EXCAVATION= 10281.2 CY
 COMPACTING EMBANKMENT= 8729.0 CY
 SEE PLAN-PROFILE SHEET 5 OF 7 FOR EARTHWORK DISTRIBUTION
 191 J-TURN EB ACCEL
 UNCLASSIFIED EXCAVATION= 817.5 CY
 COMPACTING EMBANKMENT= 694.9 CY
 OBTAIN 150.1 FROM REPROFILE



TEMPORARY
 TRAFFIC CONTROL
 PHASE 4D
 SHEET 20 OF 39



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 53
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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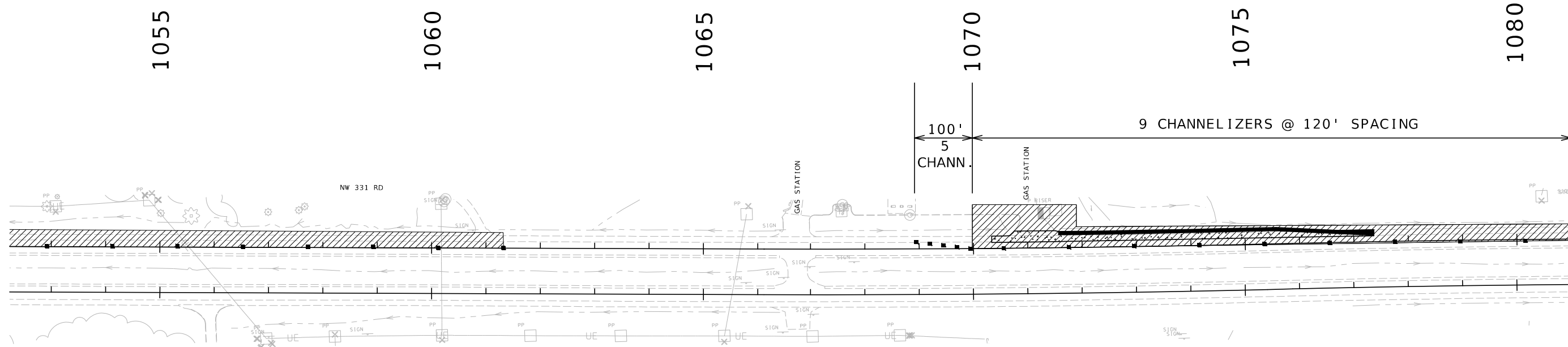
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TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

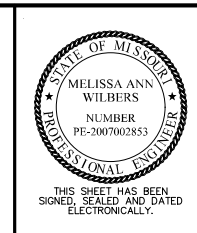
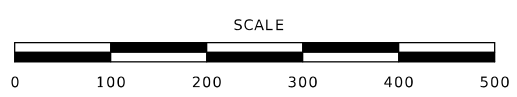
FINAL PHASE: REMOVE ALL REMAINING CROSSOVERS AND ACCESS LOCATIONS THAT ARE BEING REMOVED.



MATCHLINE STA. 1081+00.00

PHASE 5A:
CONSTRUCT 3 DECELERATION LANES FOR WESTBOUND US-50 WITH SIDE ROAD APPROACH PAVEMENT.

EARTHWORK NOTES:
GAS STATION WB DECEL
UNCLASSIFIED EXCAVATION= 523.9 CY
COMPACTING EMBANKMENT= 445.3 CY
USE 196.2 CY AT PHASE 5A (271 WB DECEL)



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 55
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



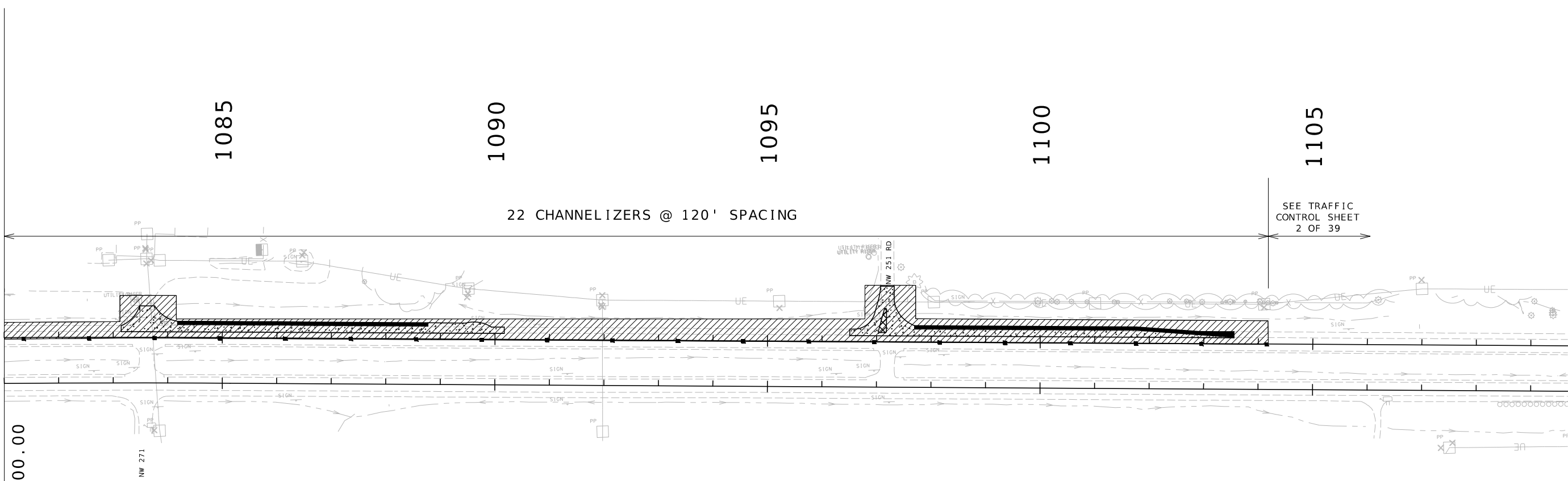
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TEMPORARY
TRAFFIC CONTROL
PHASE 5A
SHEET 22 OF 39

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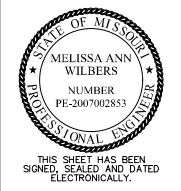
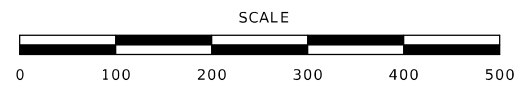


MATCHLINE STA. 1081+00.00

22 CHANNELIZERS @ 120' SPACING

SEE TRAFFIC CONTROL SHEET 2 OF 39

EARTHWORK NOTES:
 271 WB DECEL
 UNCLASSIFIED EXCAVATION= 407.1 CY
 COMPACTING EMBANKMENT= 346.0 CY
 OBTAIN 196.2 CY FROM PHASE 5A (GAS STATION WB DECEL)
 OBTAIN 415.9 CY FROM PHASE 4C (EB REPROFILE)
 251 WB DECEL
 UNCLASSIFIED EXCAVATION= 696.0 CY
 COMPACTING EMBANKMENT= 591.6 CY
 OBTAIN 519.12 CY FROM PHASE 4C (EB REPROFILE)



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 56
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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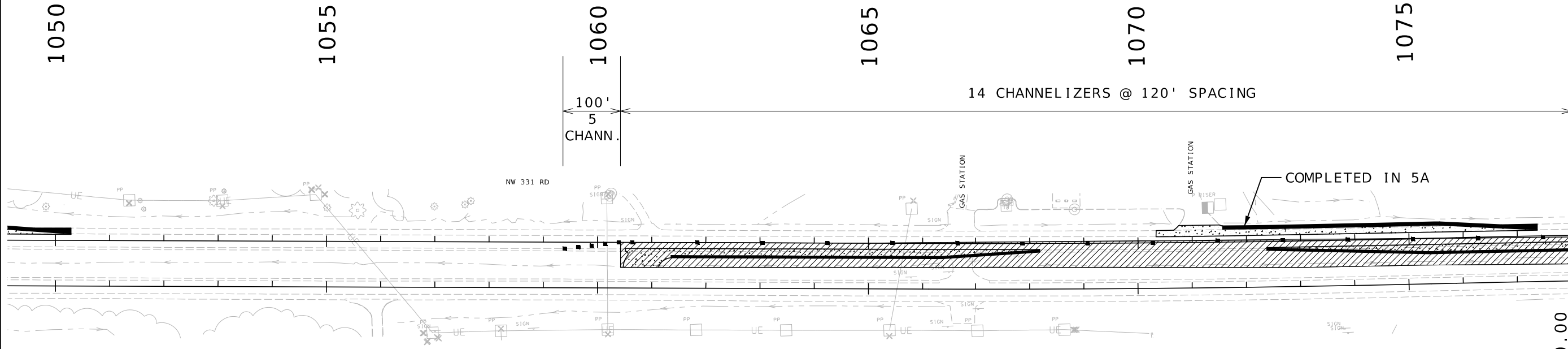
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TEMPORARY TRAFFIC CONTROL PHASE 5A SHEET 23 OF 39

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TRAFFIC CONTROL LEGEND

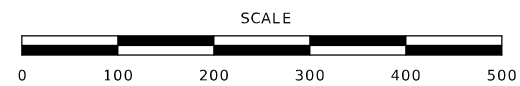
- WORK ZONE
- CHANNELIZER



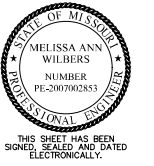
MATCHLINE STA. 1078+00.00

PHASE 5B:
CONSTRUCT ACCELERATION AND DECELERATION LANES
AND J-TURN CROSSOVERS ADJACENT TO WESTBOUND LANES OF US-50.

EARTHWORK NOTES:
331 J-TURN WB DECEL
UNCLASSIFIED EXCAVATION= 332.6 CY
COMPACTING EMBANKMENT= 282.7 CY
USE 23.9 CY IN PHASE 5B (271 J-TURN EB ACCEL)



TEMPORARY
TRAFFIC CONTROL
PHASE 5B
SHEET 24 OF 39



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 57
COUNTY JOHNSON
JOB NO. JKRO136
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)

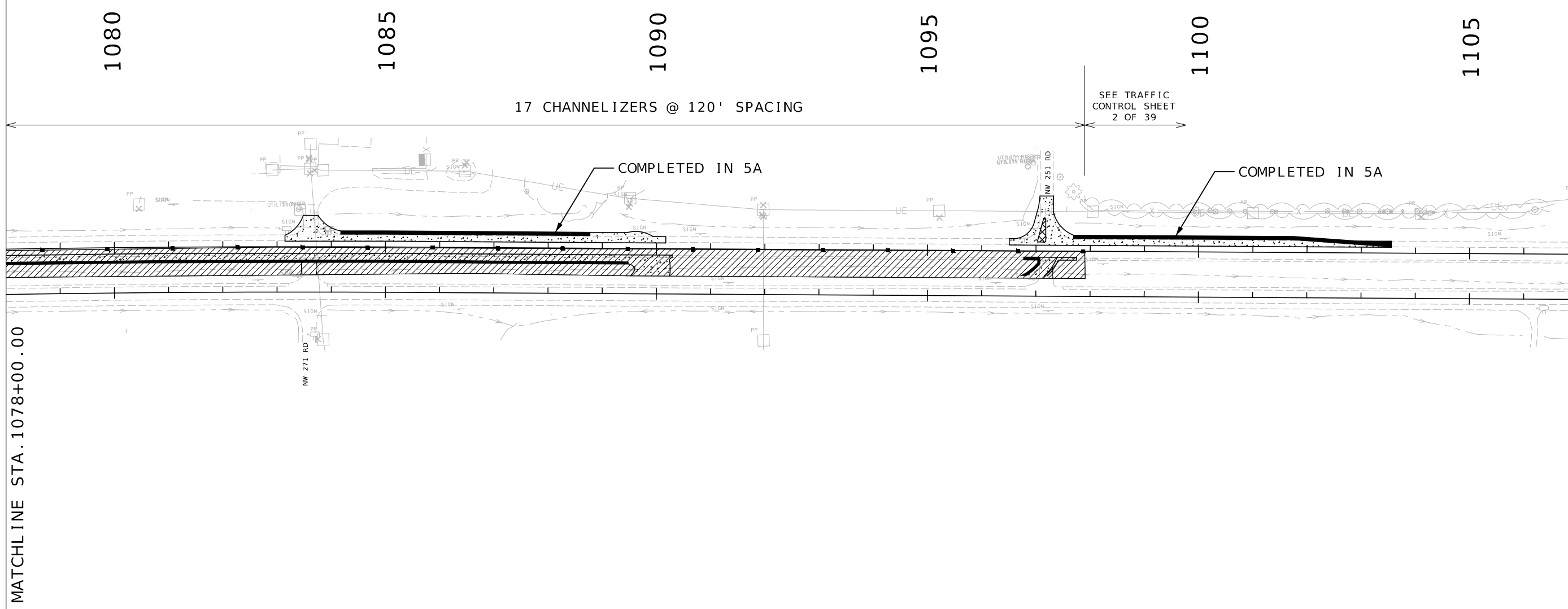
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER



17 CHANNELIZERS @ 120' SPACING

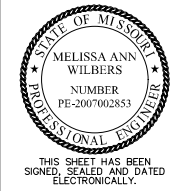
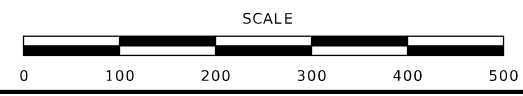
SEE TRAFFIC CONTROL SHEET 2 OF 39

COMPLETED IN 5A

COMPLETED IN 5A

MATCHLINE STA. 1078+00.00

EARTHWORK NOTES:
 271 J-TURN WB ACCEL
 UNCLASSIFIED EXCAVATION= 624.3 CY
 COMPACTING EMBANKMENT= 530.7 CY
 OBTAIN 23.9 CY FROM PHASE 5B (271 J-TURN EB ACCEL)
 OBTAIN 816.2 CY FROM PHASE 4C (EB REPROFILE)



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 58
COUNTY JOHNSON	
JOB NO. JKR0136	
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

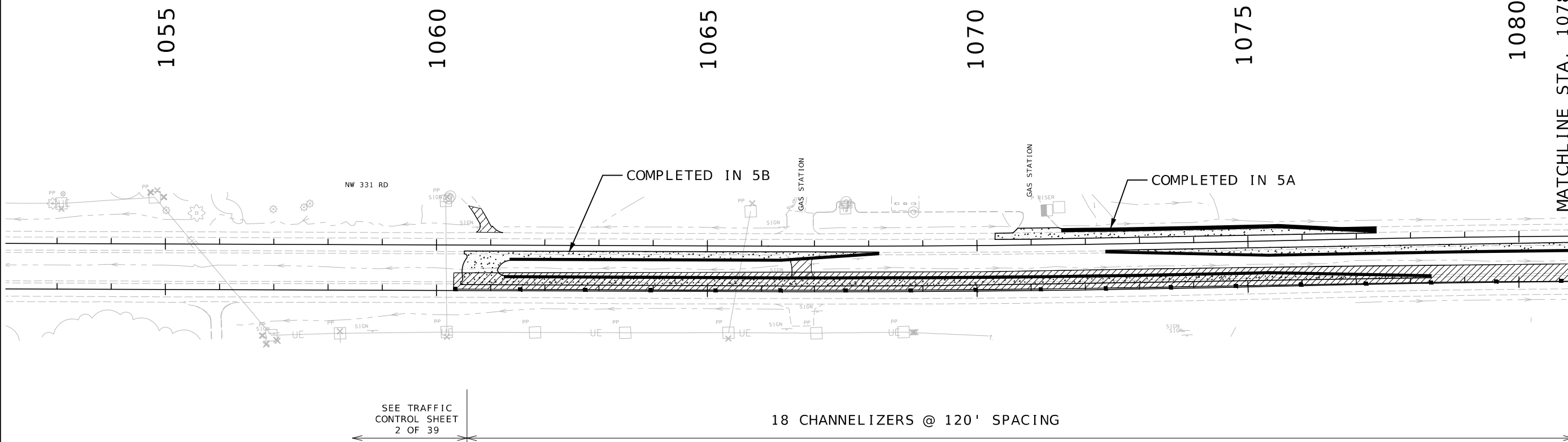
601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
 PHONE 872-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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TEMPORARY TRAFFIC CONTROL
 PHASE 5B
 SHEET 25 OF 39

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
- CHANNELIZER

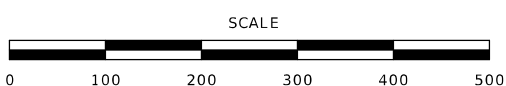


SEE TRAFFIC CONTROL SHEET 2 OF 39

18 CHANNELIZERS @ 120' SPACING

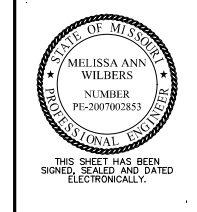
PHASE 5C:
 CONSTRUCT EASTBOUND ACCELERATION LANE,
 DECELERATION LANE AND LEFT TURN LANE.
 MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE ON US-50.

EARTHWORK NOTES:
 331 J-TURN EB ACCEL
 UNCLASSIFIED EXCAVATION= 703.8 CY
 COMPACTING EMBANKMENT= 598.2 CY
 OBTAIN 362.9 CY FROM PHASE 4C (EB REPROFILE)



TEMPORARY
 TRAFFIC CONTROL
 PHASE 5C
 SHEET 26 OF 39


MATCHLINE STA. 1078+00.00



DATE PREPARED		11/19/2024	
ROUTE	STATE	ROUTE	STATE
50	MO	50	MO
DISTRICT	SHEET NO.	DISTRICT	SHEET NO.
KC	59	KC	59
COUNTY			
JOHNSON			
JOB NO.			
JKR0136			
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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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

MATCHLINE STA. 1078+00.00

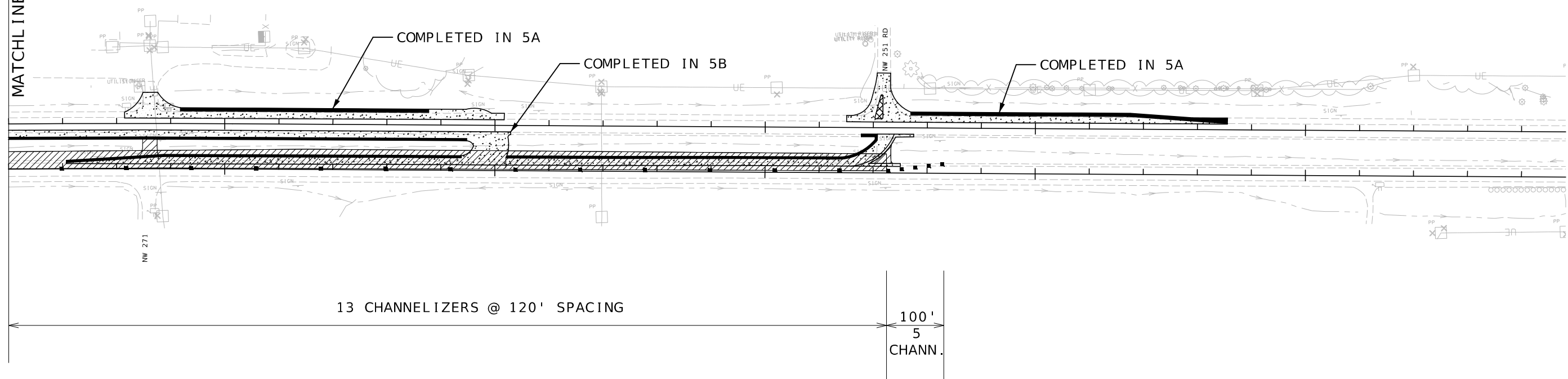
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1090

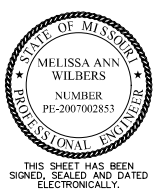
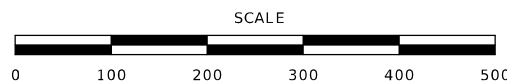
1095

1100

1105



EARTHWORK NOTES:
 271 J-TURN EB DECEL
 UNCLASSIFIED EXCAVATION= 366.7 CY
 COMPACTING EMBANKMENT= 311.7 CY
 OBTAIN 362.9 CY FROM PHASE 4C (EB REPROFILE)
 251 EB OFFSET LT
 UNCLASSIFIED EXCAVATION= 288.0 CY
 COMPACTING EMBANKMENT= 244.8 CY
 OBTAIN 1429.9 CY FROM PHASE 4C (EB REPROFILE)



DATE PREPARED	
11/19/2024	
ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	60
COUNTY	
JOHNSON	
JOB NO.	
JKR0136	
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

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 PHONE 873-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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TEMPORARY
 TRAFFIC CONTROL
 PHASE 5C
 SHEET 27 OF 39

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER

1055

1060

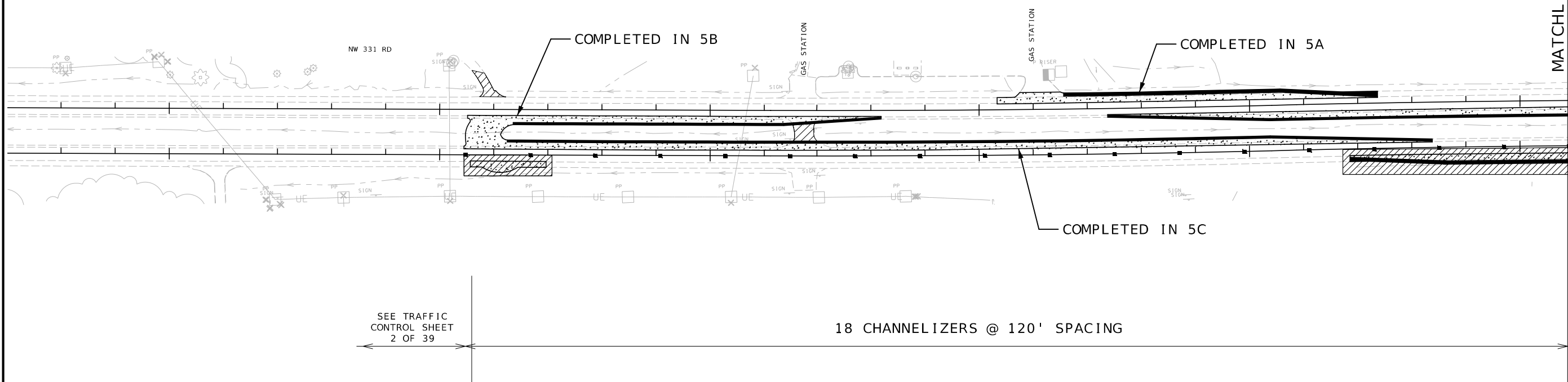
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1070

1075

1080

MATCHLINE STA. 1081+00.00



SEE TRAFFIC CONTROL SHEET 2 OF 39

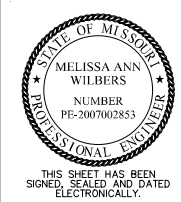
18 CHANNELIZERS @ 120' SPACING

PHASE 5D:
 CONSTRUCT OFF-TRACKING LOON ON SOUTH SIDE OF US-50
 AND DECELERATION LANE WITH SIDE ROAD APPROACH PAVEMENT WHILE
 MAINTAINING ACCESS TO LOCAL TRAFFIC.

EARTHWORK QUANTITIES:
 331 J-TURN EB LOON
 UNCLASSIFIED EXCAVATION= 72.9 CY
 COMPACTING EMBANKMENT= 61.9 CY
 DISPOSE OF EXCESS 22.3 CY



TEMPORARY
 TRAFFIC CONTROL
 PHASE 5D
 SHEET 28 OF 39



DATE PREPARED	
11/19/2024	
ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	61
COUNTY	
JOHNSON	
JOB NO.	
JKR0136	
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

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

- WORK ZONE
- CHANNELIZER

MATCHLINE STA. 1081+00.00

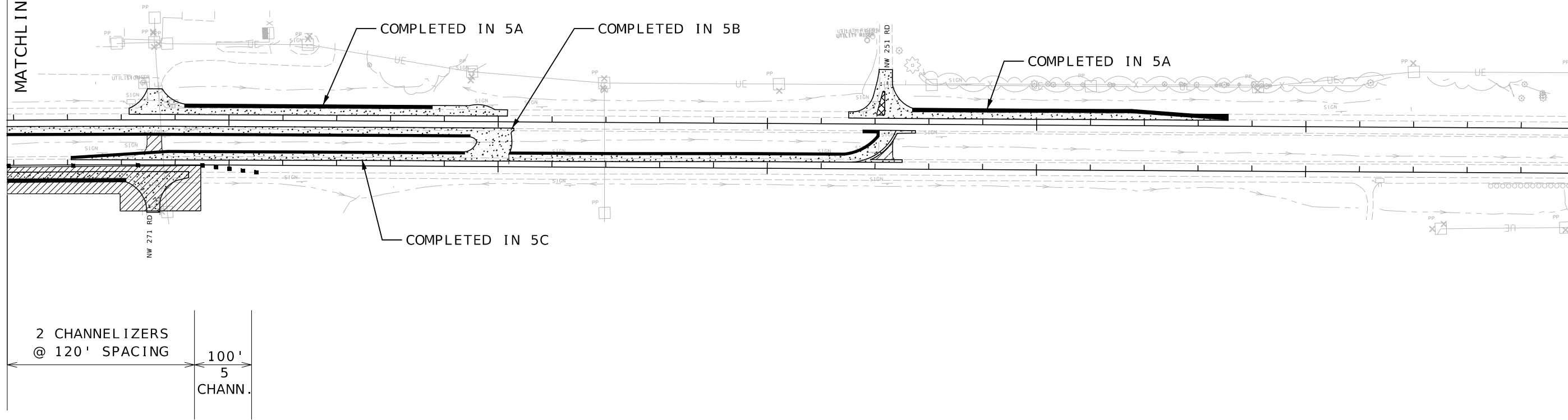
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1090

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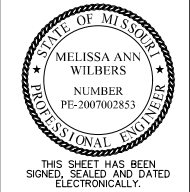
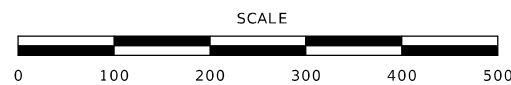
1105



2 CHANNELIZERS
@ 120' SPACING

100'
5
CHANN.

EARTHWORK NOTES:
 271 EB DECEL
 UNCLASSIFIED EXCAVATION= 848.6 CY
 COMPACTING EMBANKMENT= 271.3 CY
 DISPOSE OF EXCESS 566.8 CY



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	62

COUNTY
JOHNSON

JOB NO.
JKR0136

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 204 - JEFFERSON CITY, MO 65101
 PHONE 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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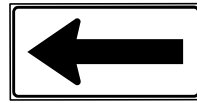
TEMPORARY
TRAFFIC CONTROL
PHASE 5D
SHEET 29 OF 39

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▬ SIGN (DOUBLE SIDED)
- FLAGGER
- ◆ TUBULAR MARKER
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD



W01-4L
14



W01-6
16



R11-2
29



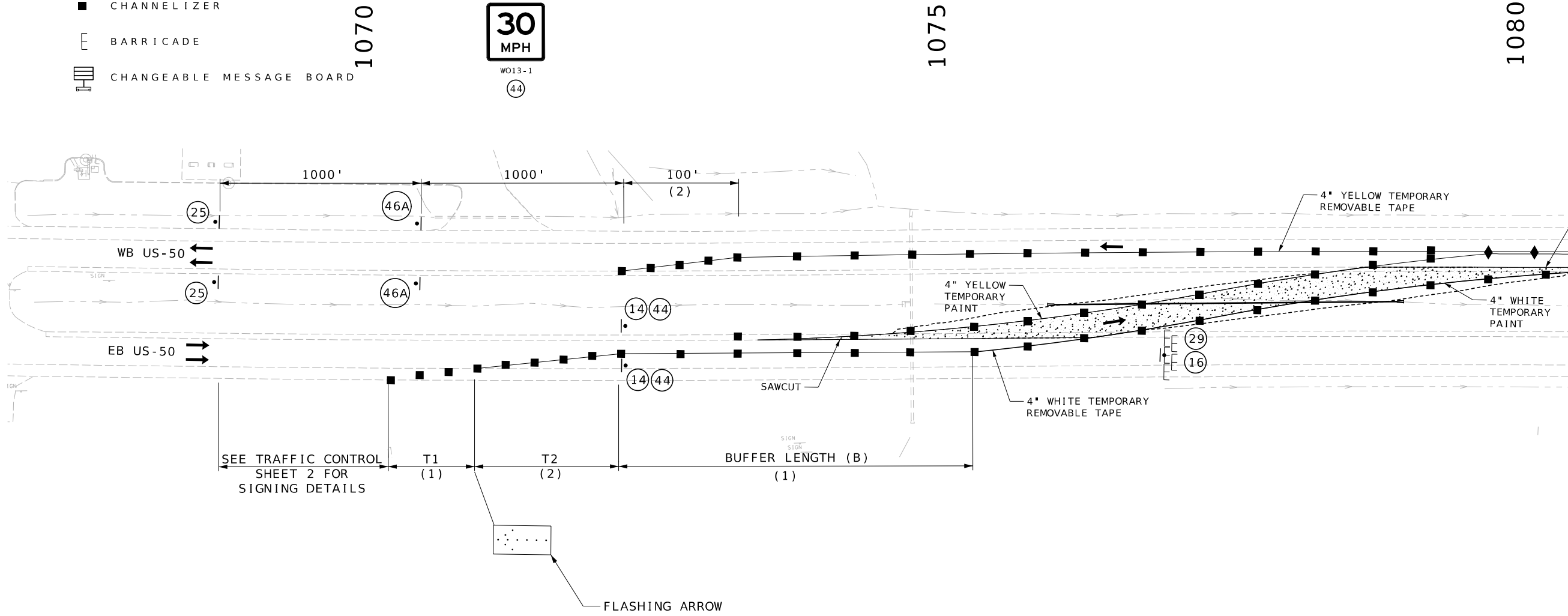
R2-1
25



R4-2
46A



W013-1
44



NOTES:

- ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
- REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
- SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
- (1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.
- (2) 5 CHANNELIZERS MINIMUM.
- SIGN SPACINGS SHOWN ARE NOT TO SCALE. FOLLOW DIMENSIONS.

SPEED MPH (S)	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES				
	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
UP TO 35	70	245	280	35	40
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

TEMPORARY TRAFFIC CONTROL SHEET 30 OF 39



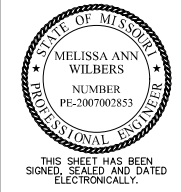
DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 63
COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

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 873-464-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 64

COUNTY JOHNSON
JOB NO. JKR0136
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 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- ◆ TUBULAR MARKER
- CHANNELIZER
- E BARRICADE
- ▩ CHANGEABLE MESSAGE BOARD



R2-1
(4)



R2-1
(25)



R11-2
(29)



W06-3
(31)



R4-1
(46)



G020-5aP
(54)



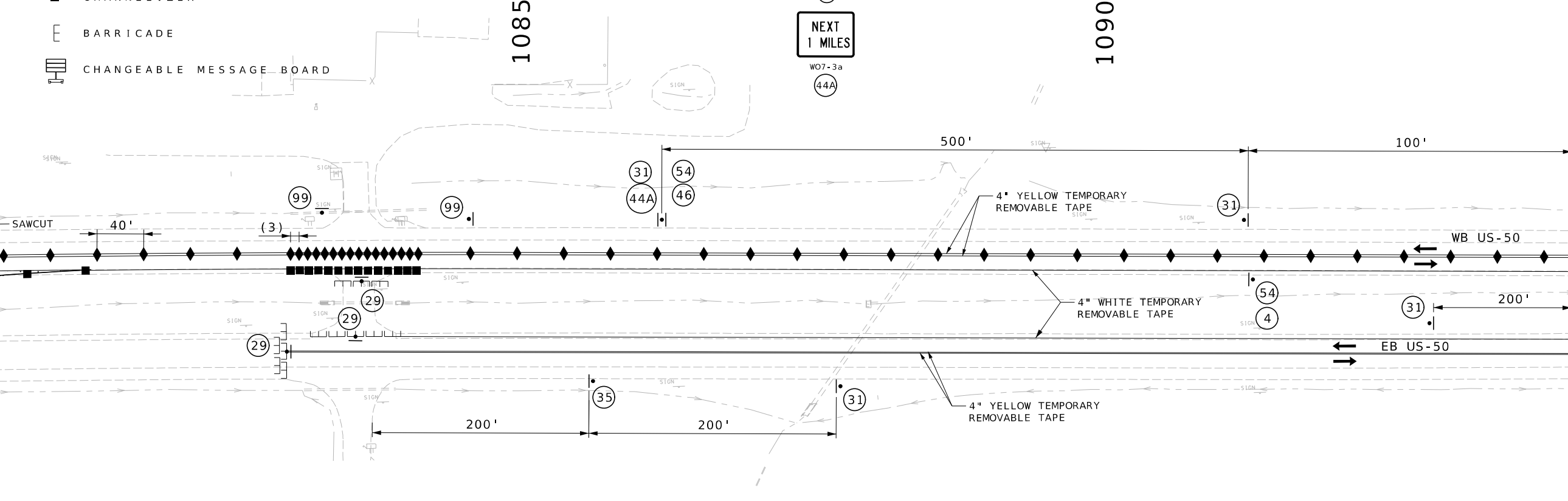
R3-2
(99)



W07-3a
(44A)

MATCHLINE STA. 1080+50.00

MATCHLINE STA. 1094+00.00



NOTES:

ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.

REMOVE EXISTING PAVEMENT MARKING AS NEEDED.

SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.

(1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.

(2) 5 CHANNELIZERS MINIMUM.

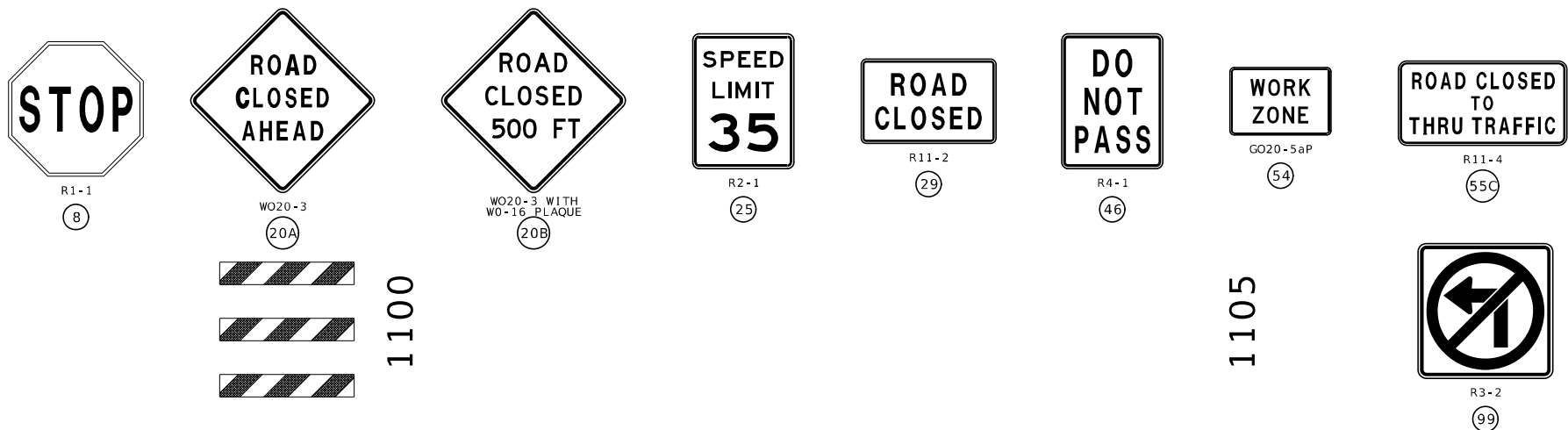
(3) SEE TRAFFIC CONTROL SHEETS 34-37 FOR INTERSECTION DETAILS.

SPEED MPH (S)	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (B) (FT)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

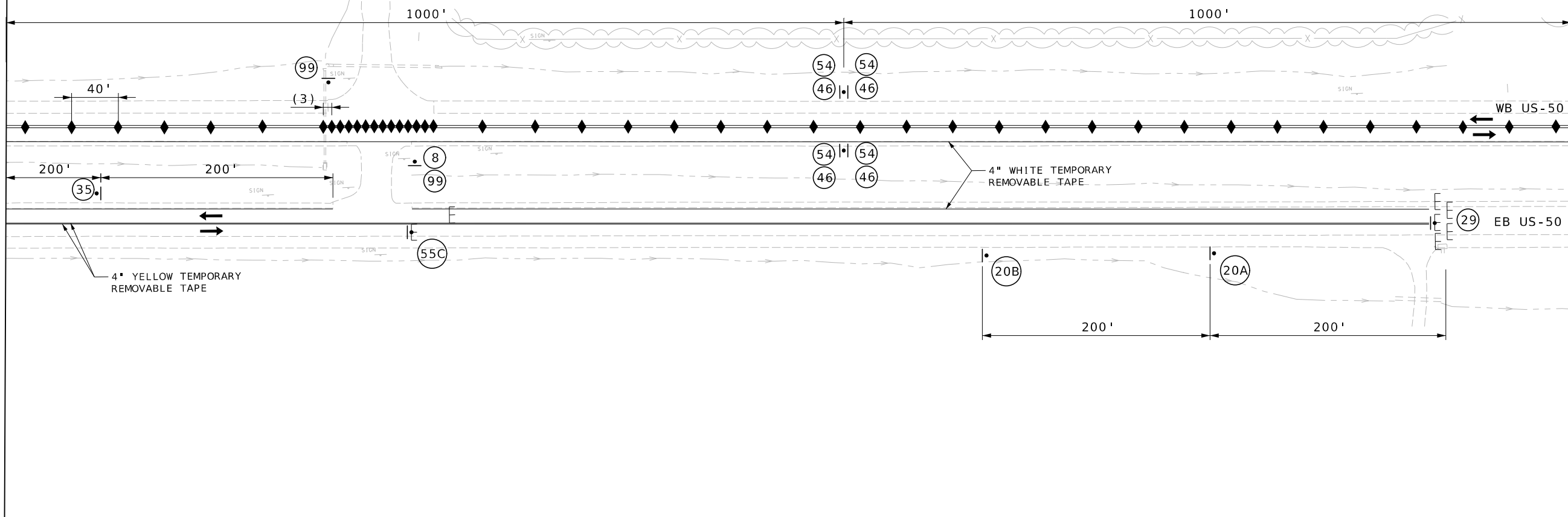
TEMPORARY TRAFFIC CONTROL SHEET 31 OF 39

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- FLAGGER
- ◆ TUBULAR MARKER
- CHANNELIZER
- ▬ BARRICADE
- ▬ CHANGEABLE MESSAGE BOARD



MATCHLINE STA. 1094+00.00

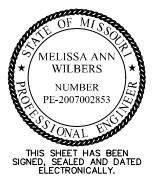


MATCHLINE STA. 1107+50.00

- NOTES:**
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
- REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
- SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
- (1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.
- (2) 5 CHANNELIZERS MINIMUM.
- (3) SEE TRAFFIC CONTROL SHEETS 34-37 FOR INTERSECTION DETAILS.

SPEED MPH (S)	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES				
	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
UP TO 35	70	245	280	35	40
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

TEMPORARY TRAFFIC CONTROL SHEET 32 OF 39



DATE PREPARED 11/19/2024
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 65
 COUNTY JOHNSON
 JOB NO. JKR0136
 CONTRACT ID.

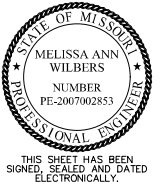
PROJECT NO.
BRIDGE NO.

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 872-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 66

COUNTY JOHNSON
JOB NO. JKR0136
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)

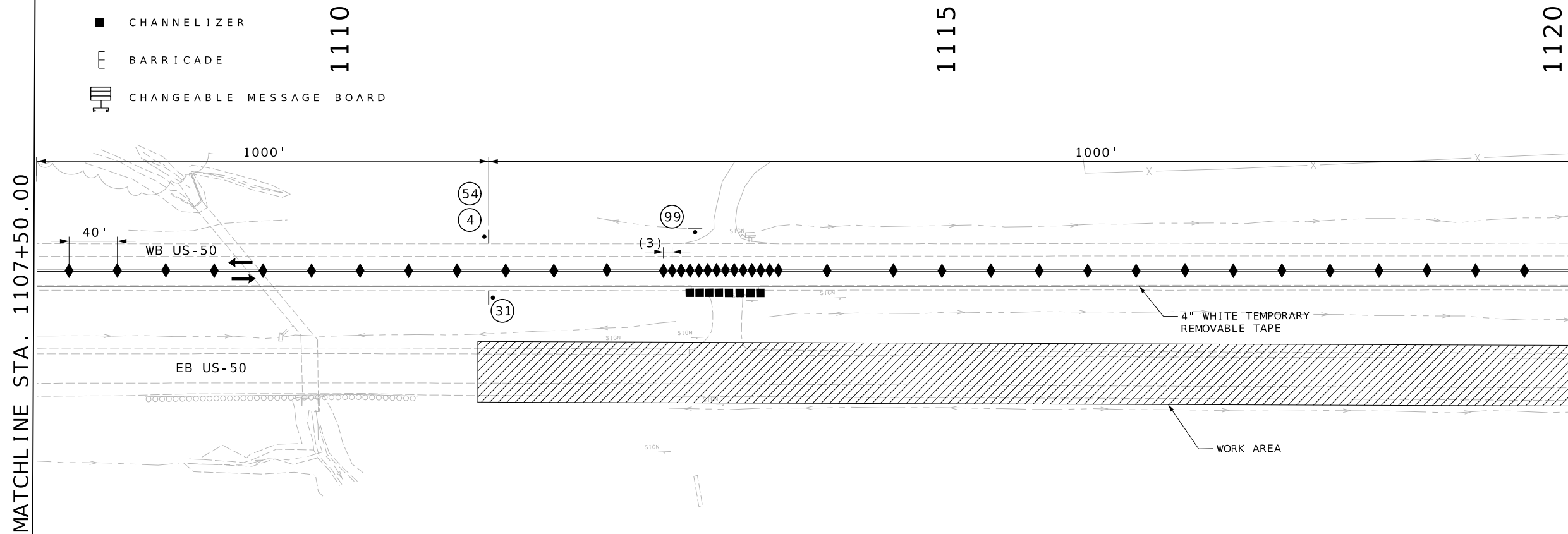
Bartlett & West

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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- TUBULAR MARKER
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD



NOTES:

- ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
- REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
- SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
- (1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.
- (2) 5 CHANNELIZERS MINIMUM.
- (3) SEE TRAFFIC CONTROL SHEETS 34-37 FOR INTERSECTION DETAILS.

SPEED MPH (S)	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
UP TO 35	70	245	280	35	40
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

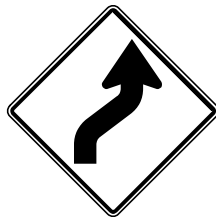
TEMPORARY TRAFFIC CONTROL SHEET 33 OF 39

TRAFFIC CONTROL LEGEND

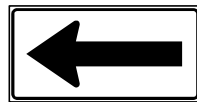
- SIGN (SINGLE SIDED)
- ◡ SIGN (DOUBLE SIDED)
- FLAGGER
- ◆ TUBULAR MARKER
- CHANNELIZER
- E BARRICADE
- ▤ CHANGEABLE MESSAGE BOARD



R2-1
(4)



W01-4R
(15)



W01-6
(16)



W06-3
(31)



G020-5aP
(54)



R5-1
(60)



R3-2
(99)



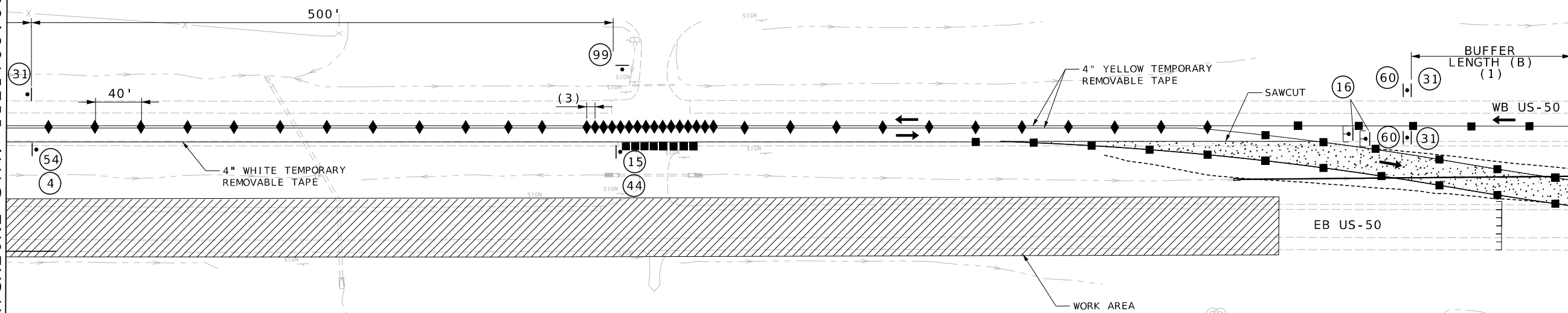
W013-1
(44)

1125

1130

MATCHLINE STA. 1121+00.00

MATCHLINE STA. 1134+50.00



NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.

REMOVE EXISTING PAVEMENT MARKING AS NEEDED.

SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.

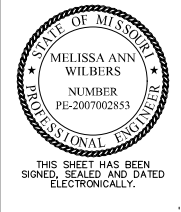
(1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.

(2) 5 CHANNELIZERS MINIMUM.

(3) SEE TRAFFIC CONTROL SHEETS 34-37 FOR INTERSECTION DETAILS.

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH (S)	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
UP TO 35	70	245	280	35	40
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

TEMPORARY TRAFFIC CONTROL SHEET 34 OF 39



DATE PREPARED 11/19/2024
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 67
 COUNTY JOHNSON
 JOB NO. JKRO136
 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)

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 672-66-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- FLAGGER
- ◆ TUBULAR MARKER
- CHANNELIZER
- ⌌ BARRICADE
- ▧ CHANGEABLE MESSAGE BOARD



R2-1
4



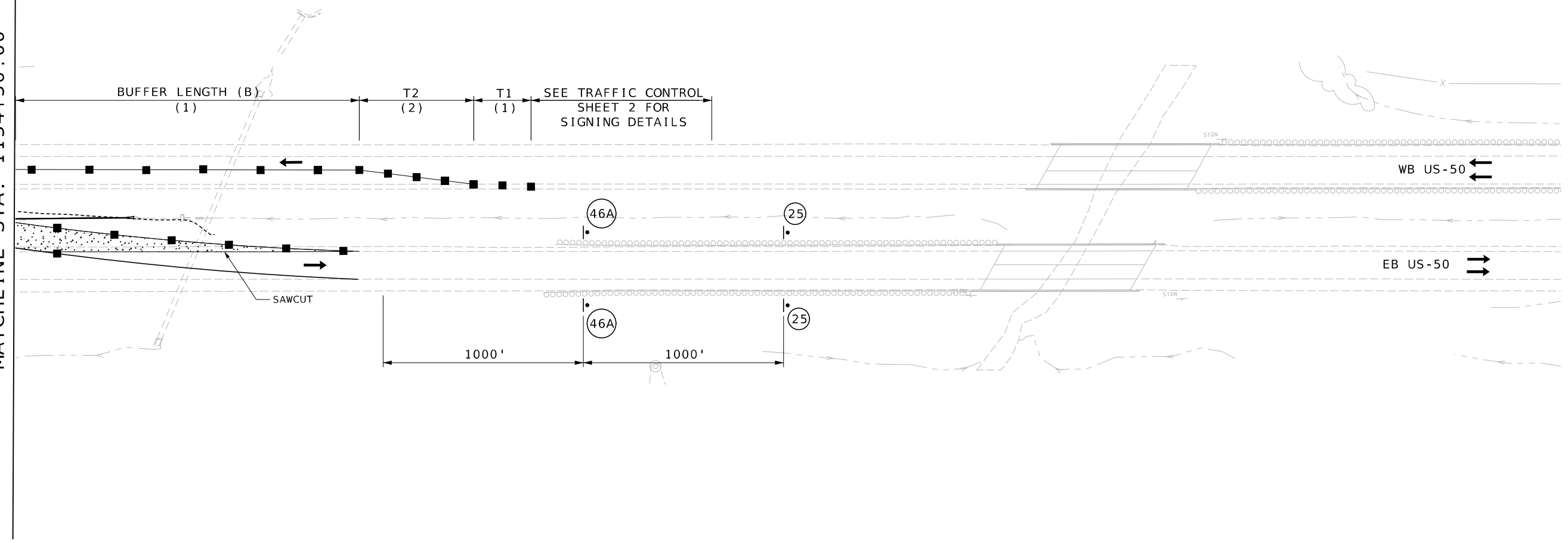
R4-2
46A

MATCHLINE STA. 1134+50.00

1135

1140

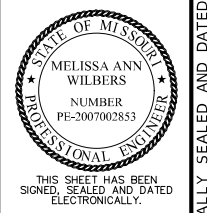
1145



NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
 REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
 SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
 (1) SEE TABLE FOR CHANNELIZER SPACING AND TAPER LENGTHS.
 (2) 5 CHANNELIZERS MINIMUM.

SPEED MPH (S)	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES				
	TAPER LENGTHS (L) FOR LATERAL SHIFTS (W) (FT)		BUFFER LENGTH (B) (FT)	CHANNELIZER SPACING (FT)	
	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER / WORK AREA
UP TO 35	70	245	280	35	40
40-45	150	540	400	40	80
50-55	185	660	560	50	80
60-70	235	840	840	60	120

TEMPORARY TRAFFIC CONTROL SHEET 35 OF 39



DATE PREPARED: 11/19/2024
 ROUTE: 50 STATE: MO
 DISTRICT: KC SHEET NO.: 68
 COUNTY: JOHNSON
 JOB NO.: JK0136
 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 204 - JEFFERSON CITY, MO 65101
 PHONE 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
 REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
 SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
 TUBULAR MARKERS OR CHANNELIZERS MUST EXTEND MINIMUM OF 25' PAST ENTRANCE WIDTH.

NW 271 RD



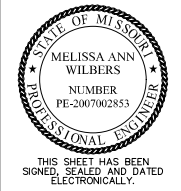
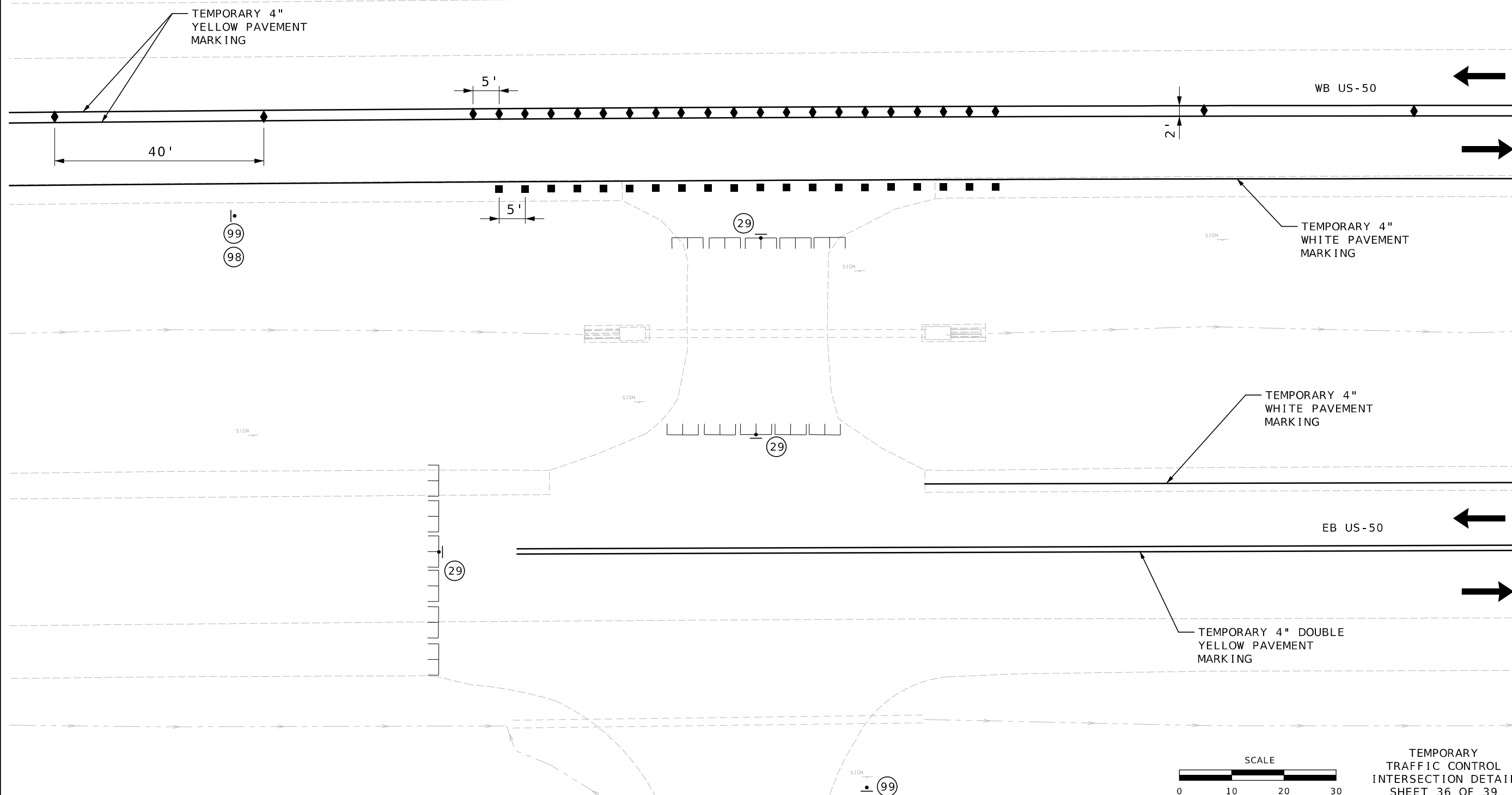
R11-2
(29)



R3-1
(98)



R3-2
(99)



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 69

COUNTY JOHNSON
 JOB NO. JKR0136
 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)

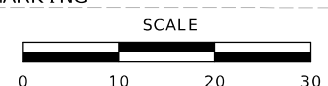
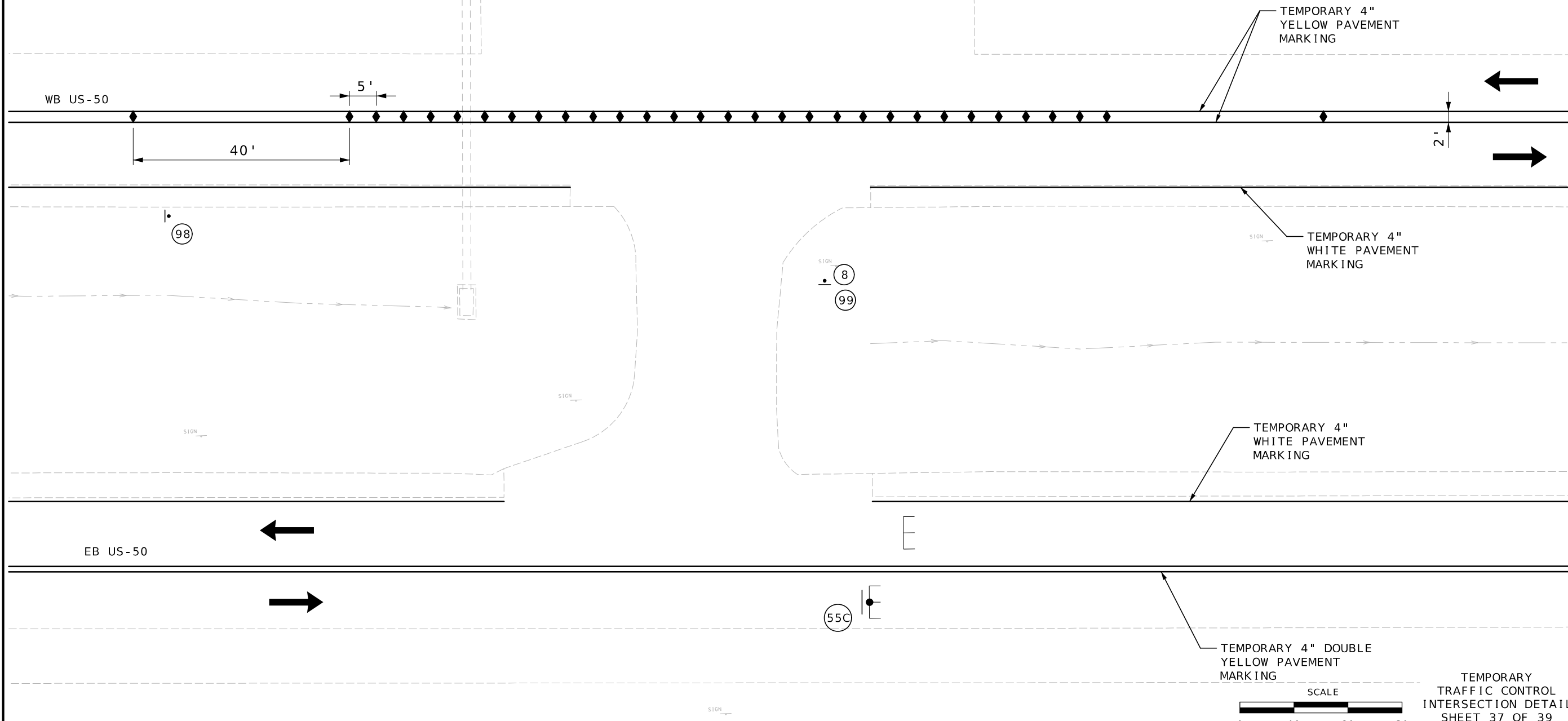
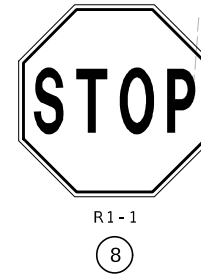
Bartlett & West
 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

TEMPORARY TRAFFIC CONTROL INTERSECTION DETAIL SHEET 36 OF 39

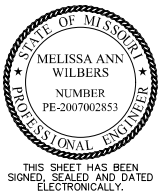
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SHALL BE COVERED OR REMOVED AT NO DIRECT PAY.
 REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
 SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
 TUBULAR MARKERS OR CHANNELIZERS MUST EXTEND MINIMUM OF 25' PAST ENTRANCE WIDTH.

NW 251 RD



TEMPORARY TRAFFIC CONTROL INTERSECTION DETAIL SHEET 37 OF 39



DATE PREPARED: 11/19/2024
 ROUTE: 50 STATE: MO
 DISTRICT: KC SHEET NO.: 70
 COUNTY: JOHNSON
 JOB NO.: JKRO136
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

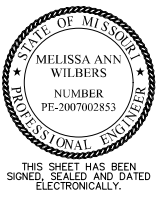
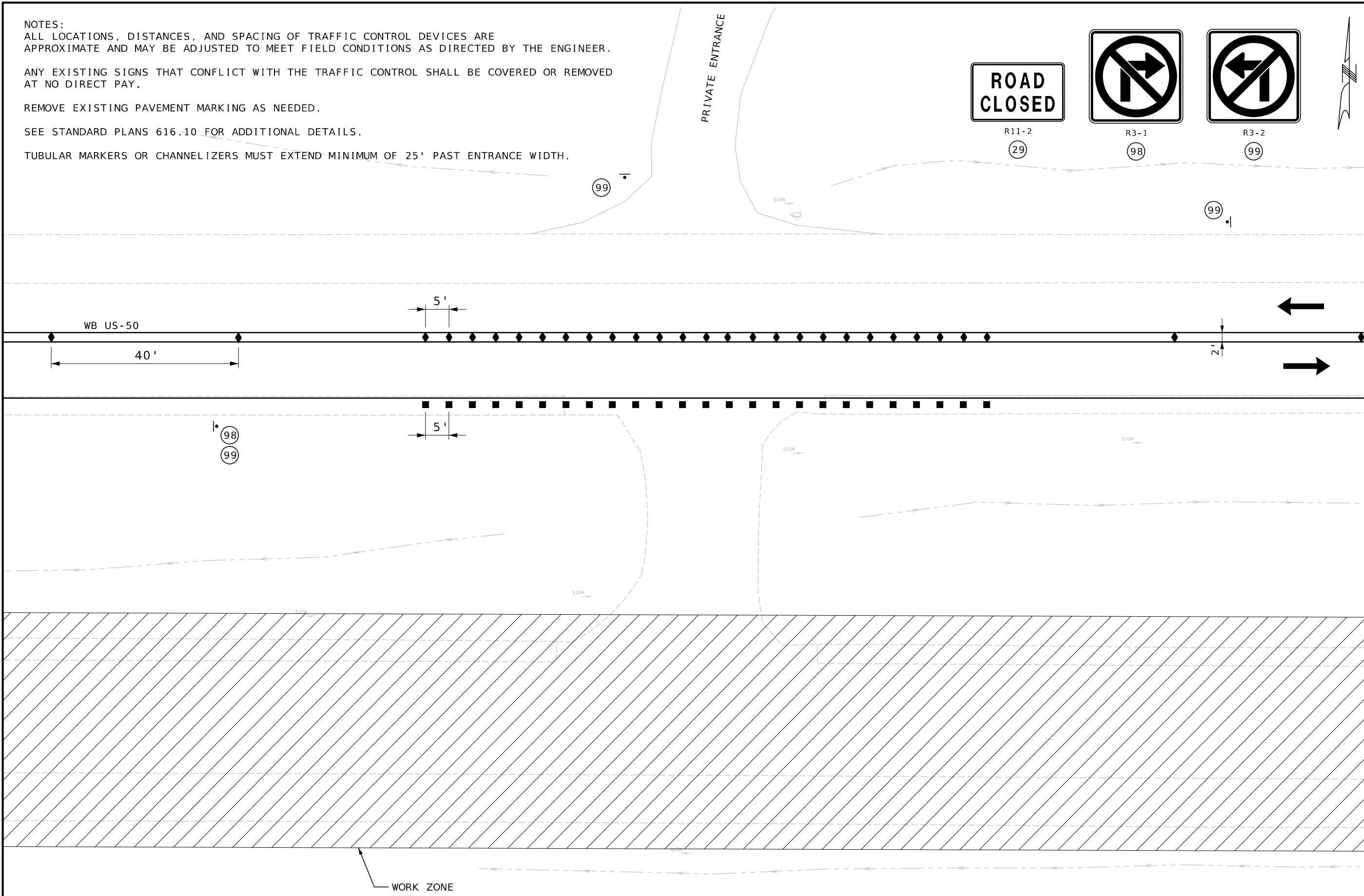
DATE	DESCRIPTION

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 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
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 SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
 TUBULAR MARKERS OR CHANNELIZERS MUST EXTEND MINIMUM OF 25' PAST ENTRANCE WIDTH.



DATE PREPARED
 11/19/2024
 ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 71
 COUNTY JOHNSON
 JOB NO. JKR0136
 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 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

TEMPORARY TRAFFIC CONTROL INTERSECTION DETAIL SHEET 38 OF 39

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:
 ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
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 REMOVE EXISTING PAVEMENT MARKING AS NEEDED.
 SEE STANDARD PLANS 616.10 FOR ADDITIONAL DETAILS.
 TUBULAR MARKERS OR CHANNELIZERS MUST EXTEND MINIMUM OF 25' PAST ENTRANCE WIDTH.

NW 191 RD



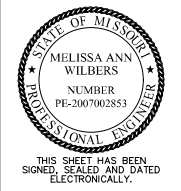
R11-2
 (29)



R3-1
 (98)



R3-2
 (99)



DATE PREPARED
 11/19/2024

ROUTE 50 STATE MO
 DISTRICT KC SHEET NO. 72

COUNTY JOHNSON
 JOB NO. JKR0136
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

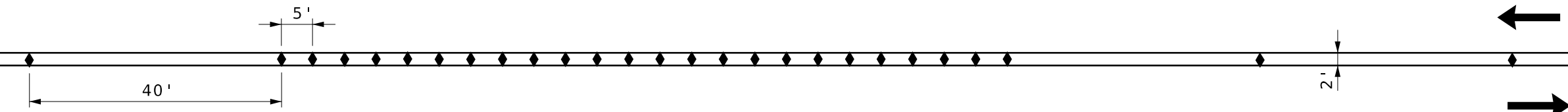
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

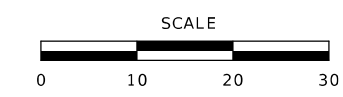
Bartlett & West
 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 873-454-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

WB US-50



(98)
 (99)





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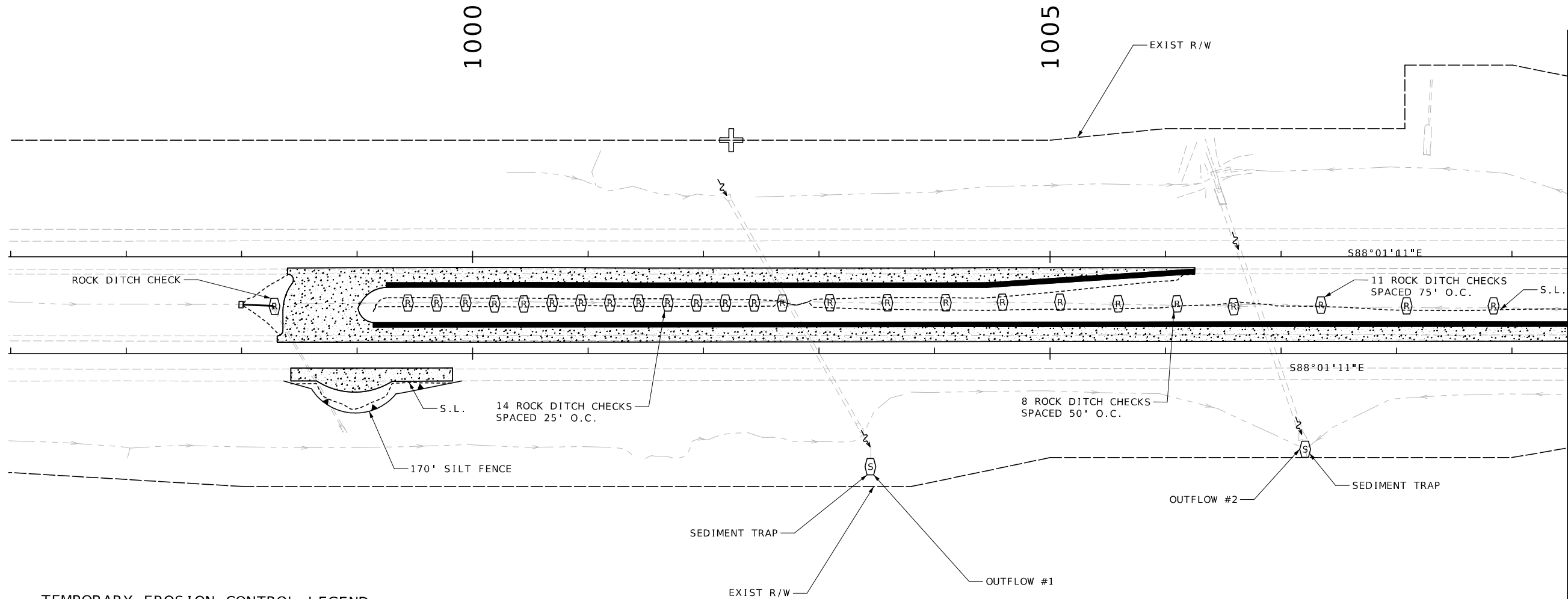


TEMPORARY TRAFFIC CONTROL INTERSECTION DETAIL SHEET 39 OF 39





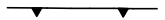
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

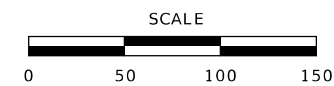


TEMPORARY EROSION CONTROL LEGEND

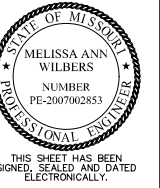
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 1 OF 14



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO
DISTRICT SHEET NO.
KC 73

COUNTY
JOHNSON
JOB NO.
JKR0136
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE





MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

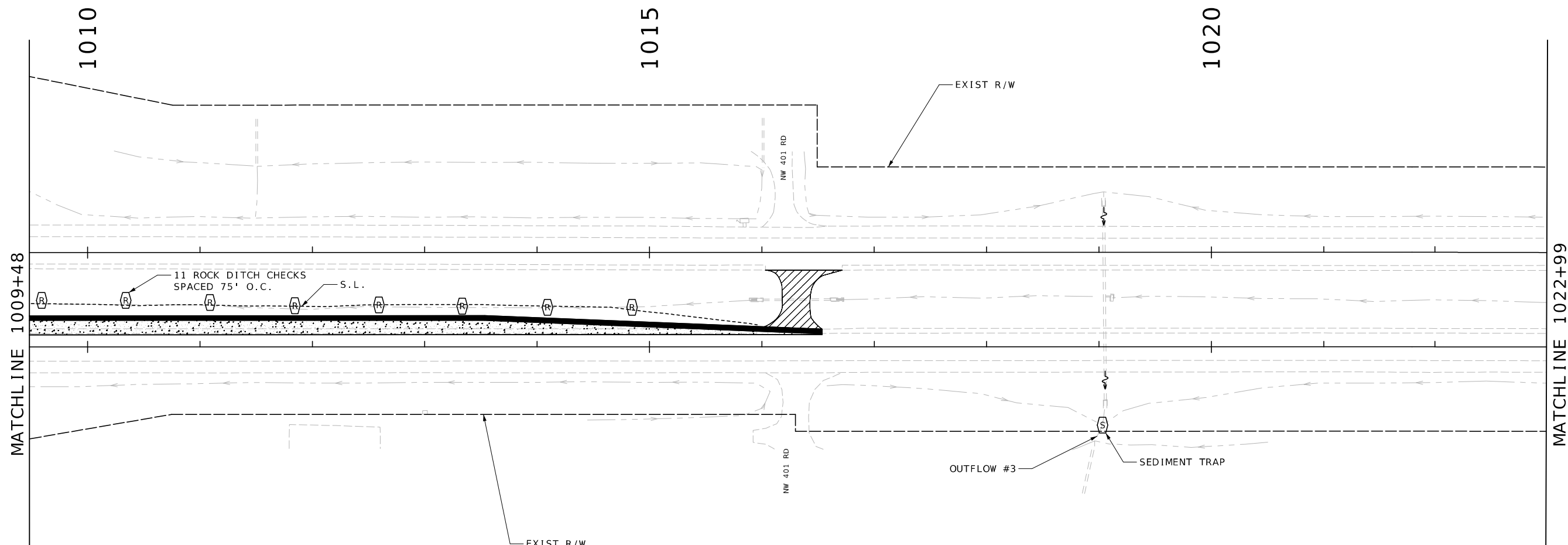
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM





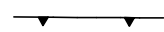
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

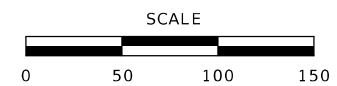


TEMPORARY EROSION CONTROL LEGEND

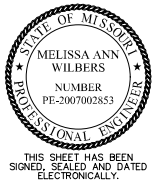
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL
SHEET 2 OF 14



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	74

COUNTY
JOHNSON

JOB NO.
JKR0136

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)

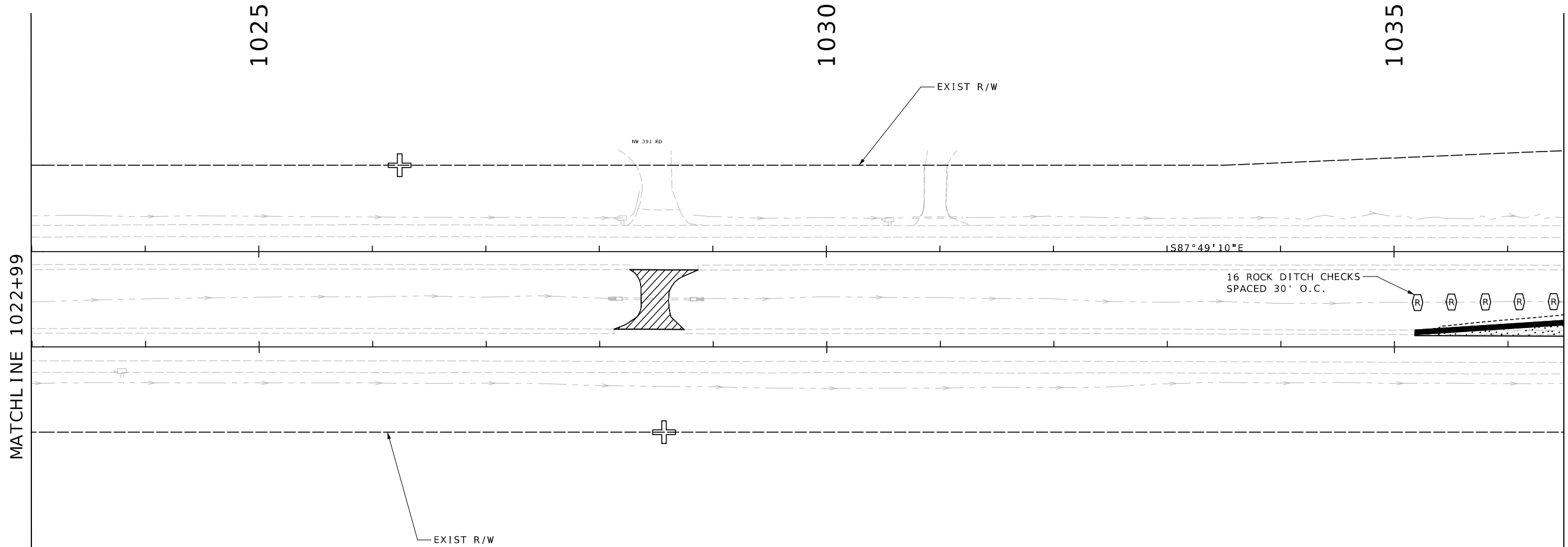
Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM






IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

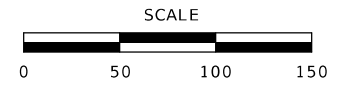


TEMPORARY EROSION CONTROL LEGEND

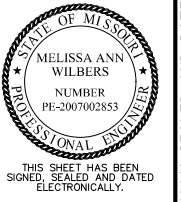
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 3 OF 14



DATE PREPARED: 11/19/2024
 ROUTE: 50, STATE: MO
 DISTRICT: KC, SHEET NO.: 75
 COUNTY: JOHNSON
 JOB NO.: JKRO136
 CONTRACT ID:

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION







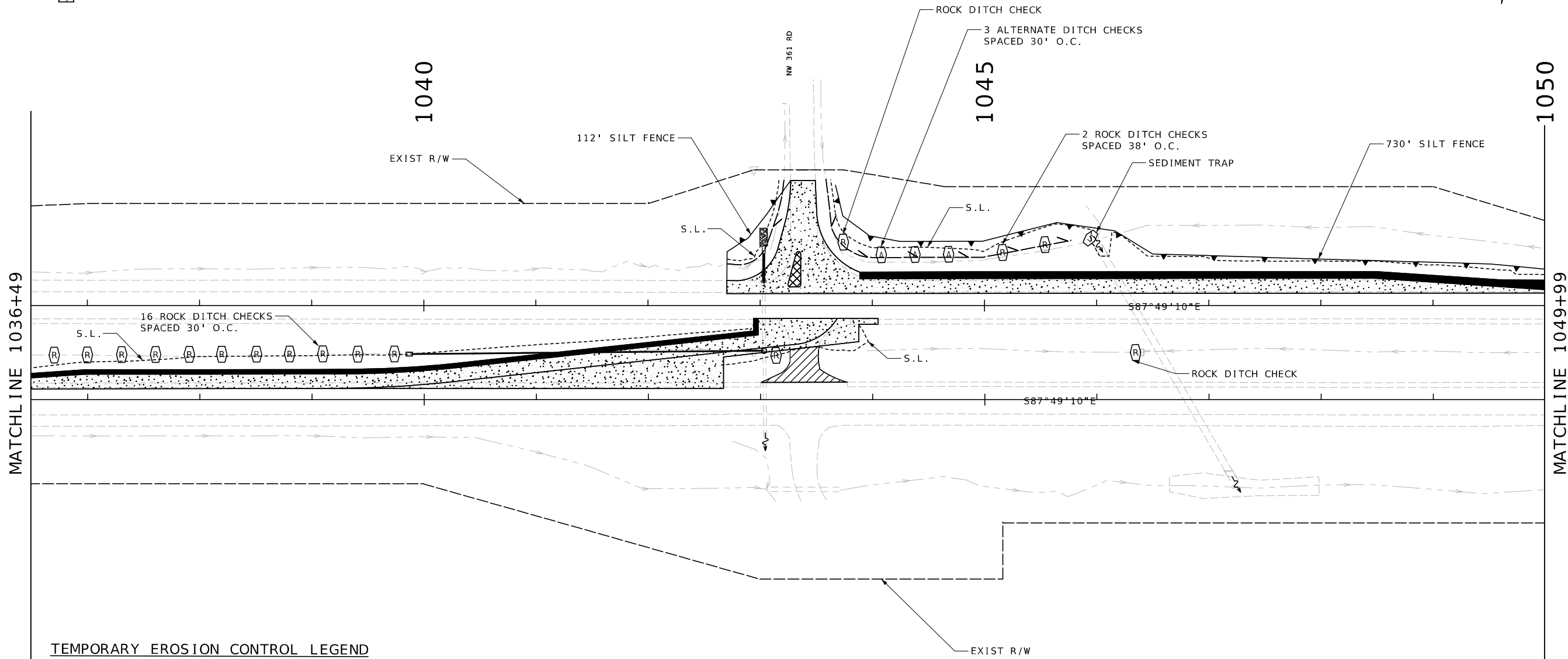
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
 601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
 PHONE 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM






IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

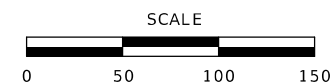


TEMPORARY EROSION CONTROL LEGEND

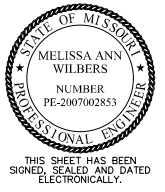
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 4 OF 14




DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 76
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION







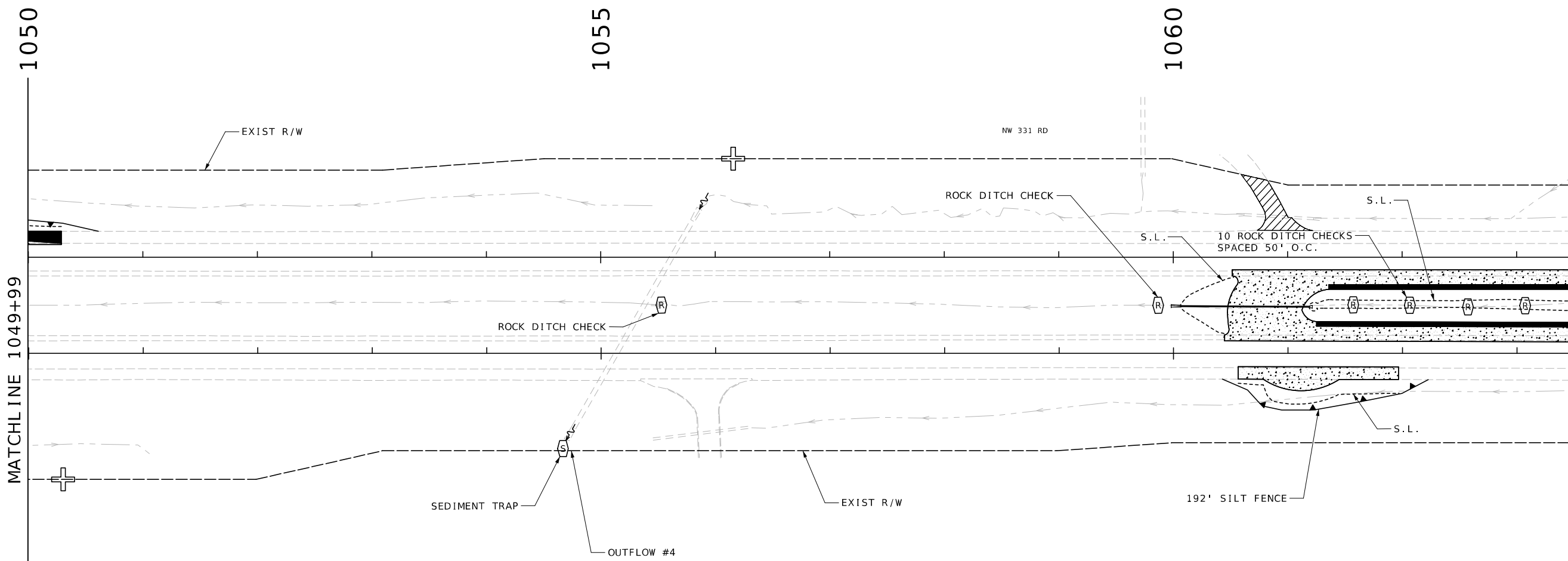
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM






IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

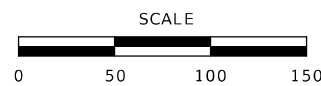


TEMPORARY EROSION CONTROL LEGEND

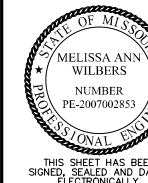
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 5 OF 14



DATE PREPARED
11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 77

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

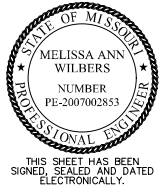


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 78

COUNTY JOHNSON
JOB NO. JKR0136
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 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

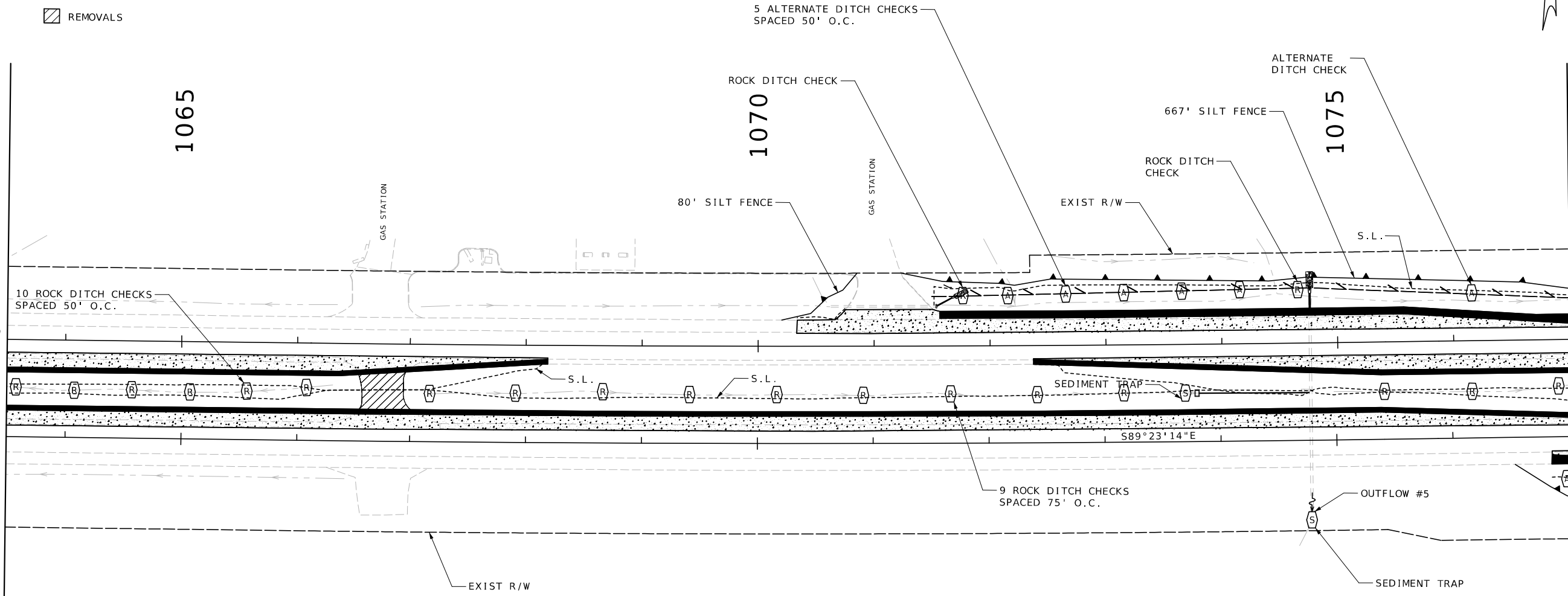
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

- ALTERNATE PAVEMENT
- A2 SHOULDER
- 6" CONCRETE MEDIAN STRIP
- REMOVALS

MATCHLINE 1063+49

MATCHLINE 1077+02

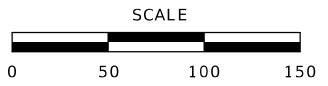


TEMPORARY EROSION CONTROL LEGEND

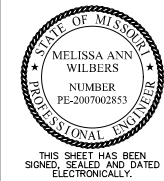
- ALTERNATE DITCH CHECK
- CURB INLET CHECK
- ROCK DITCH CHECK
- SEDIMENT TRAP
- SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 6 OF 14



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	79

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

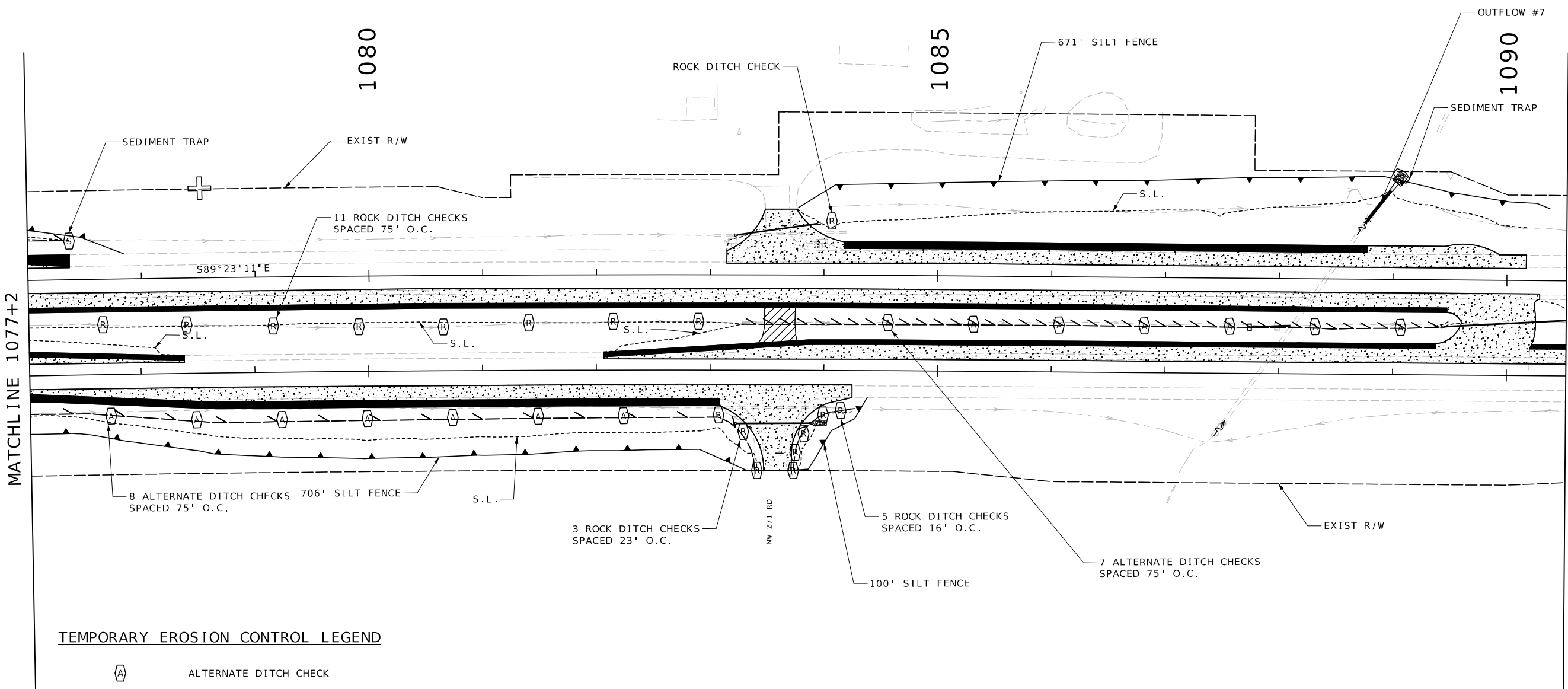
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
PHONE 872-64-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

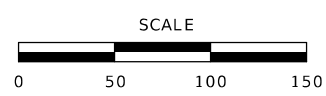
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- LEGEND:
- ALTERNATE PAVEMENT
 - A2 SHOULDER
 - 6" CONCRETE MEDIAN STRIP
 - REMOVALS







- TEMPORARY EROSION CONTROL LEGEND**
- ALTERNATE DITCH CHECK
 - CURB INLET CHECK
 - ROCK DITCH CHECK
 - SEDIMENT TRAP
 - SILT FENCE

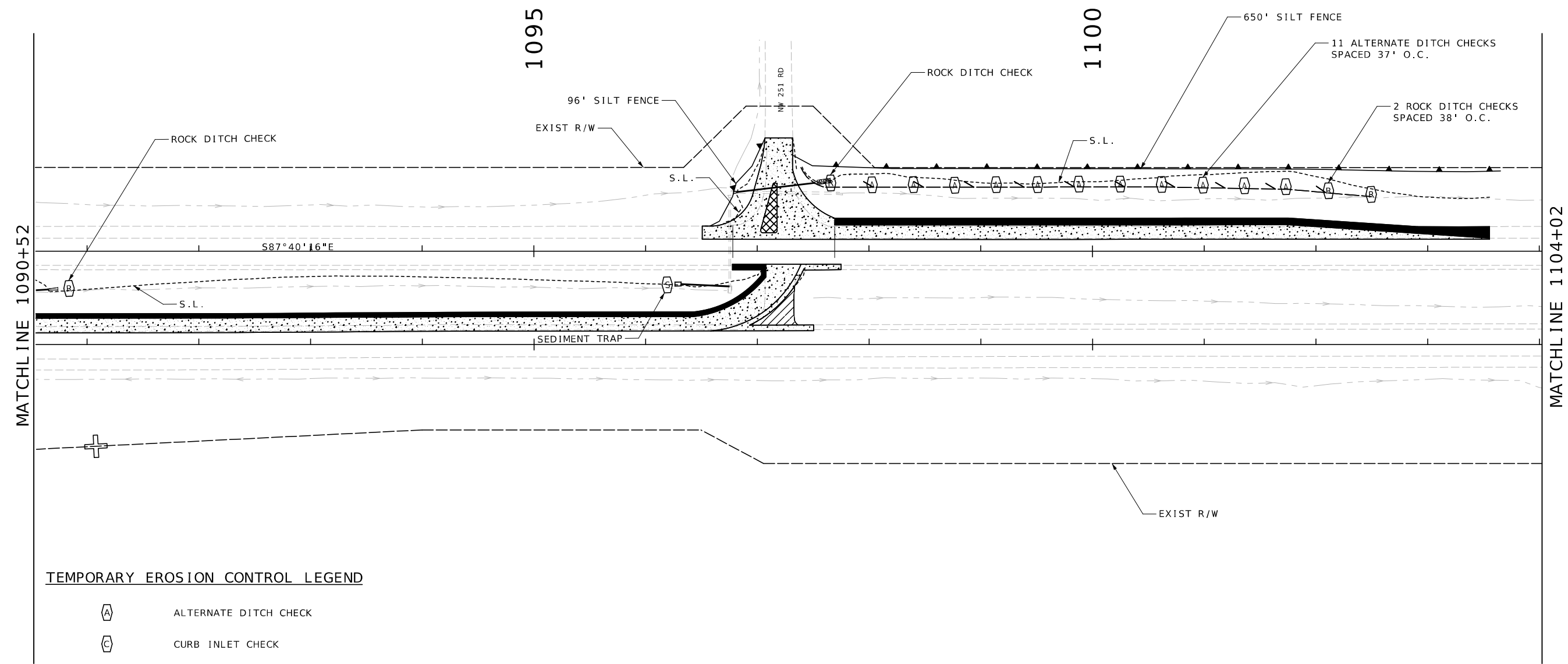
- GENERAL NOTES:
- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
 - 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
 - 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD







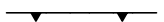
EROSION CONTROL SHEET 7 OF 14

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

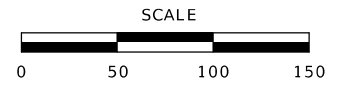


TEMPORARY EROSION CONTROL LEGEND

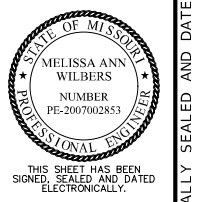
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD




EROSION CONTROL
SHEET 8 OF 14



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 80
COUNTY JOHNSON	
JOB NO. JKR0136	
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)

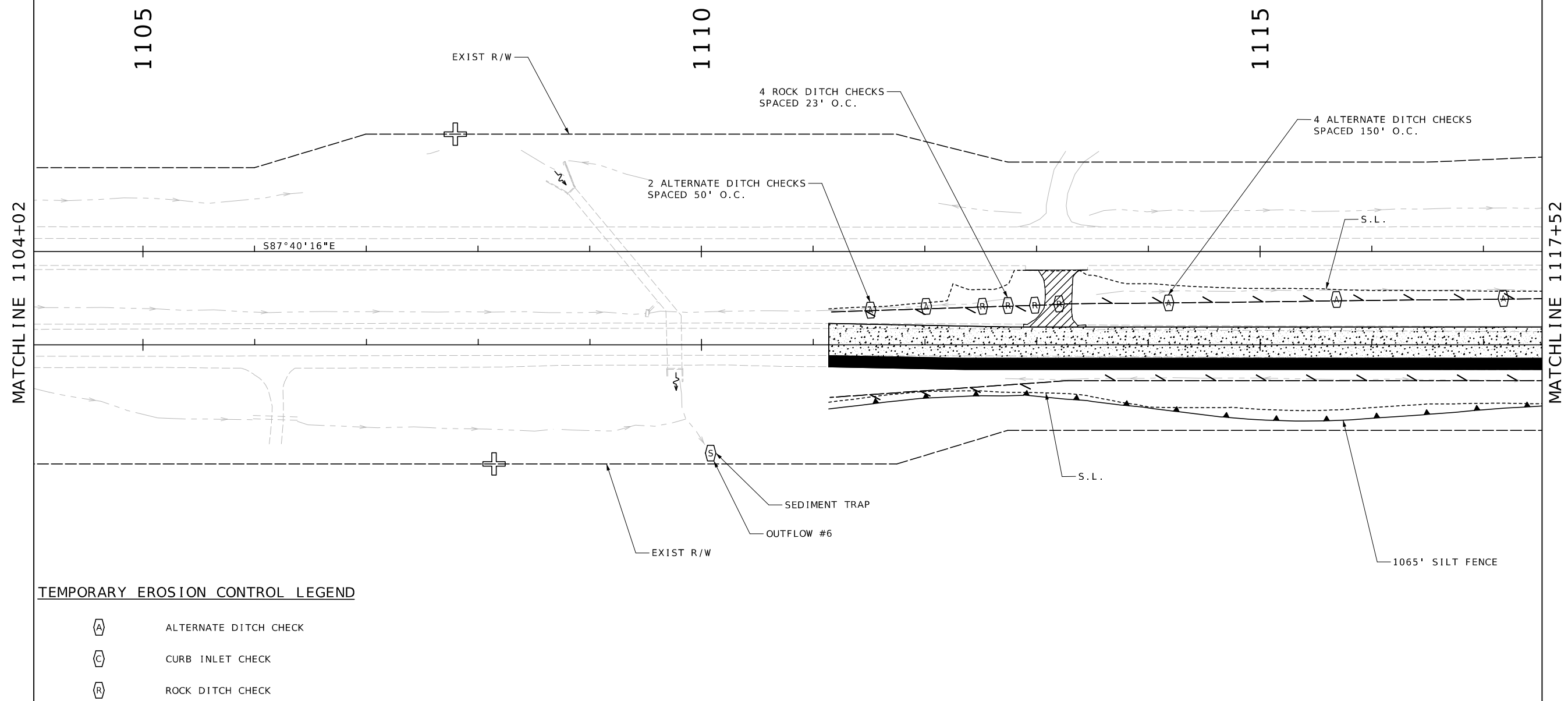
Bartlett & West

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PHONE 877-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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




IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

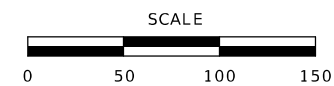


TEMPORARY EROSION CONTROL LEGEND

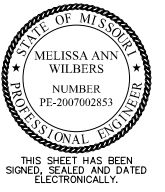
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 9 OF 14



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO

DISTRICT	SHEET NO.
KC	81

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

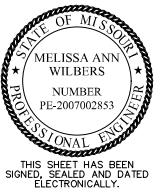


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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED	
11/19/2024	
ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	82
COUNTY	
JOHNSON	
JOB NO.	
JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

PROJECT NO.
BRIDGE NO.

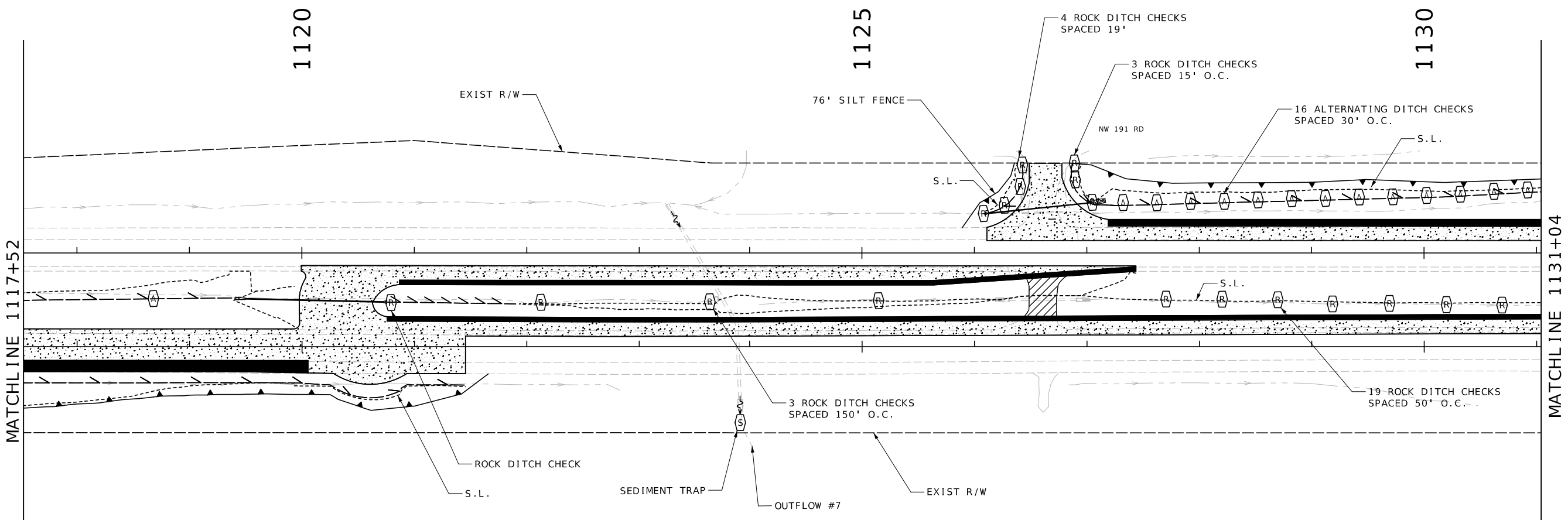
DATE	DESCRIPTION

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 204 - JEFFERSON CITY, MO 65101
PHONE 672-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

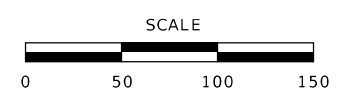
- LEGEND:**
- ALTERNATE PAVEMENT
 - A2 SHOULDER
 - 6" CONCRETE MEDIAN STRIP
 - REMOVALS



TEMPORARY EROSION CONTROL LEGEND

- ALTERNATE DITCH CHECK
- CURB INLET CHECK
- ROCK DITCH CHECK
- SEDIMENT TRAP
- SILT FENCE





- GENERAL NOTES:**
- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
 - 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
 - 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD

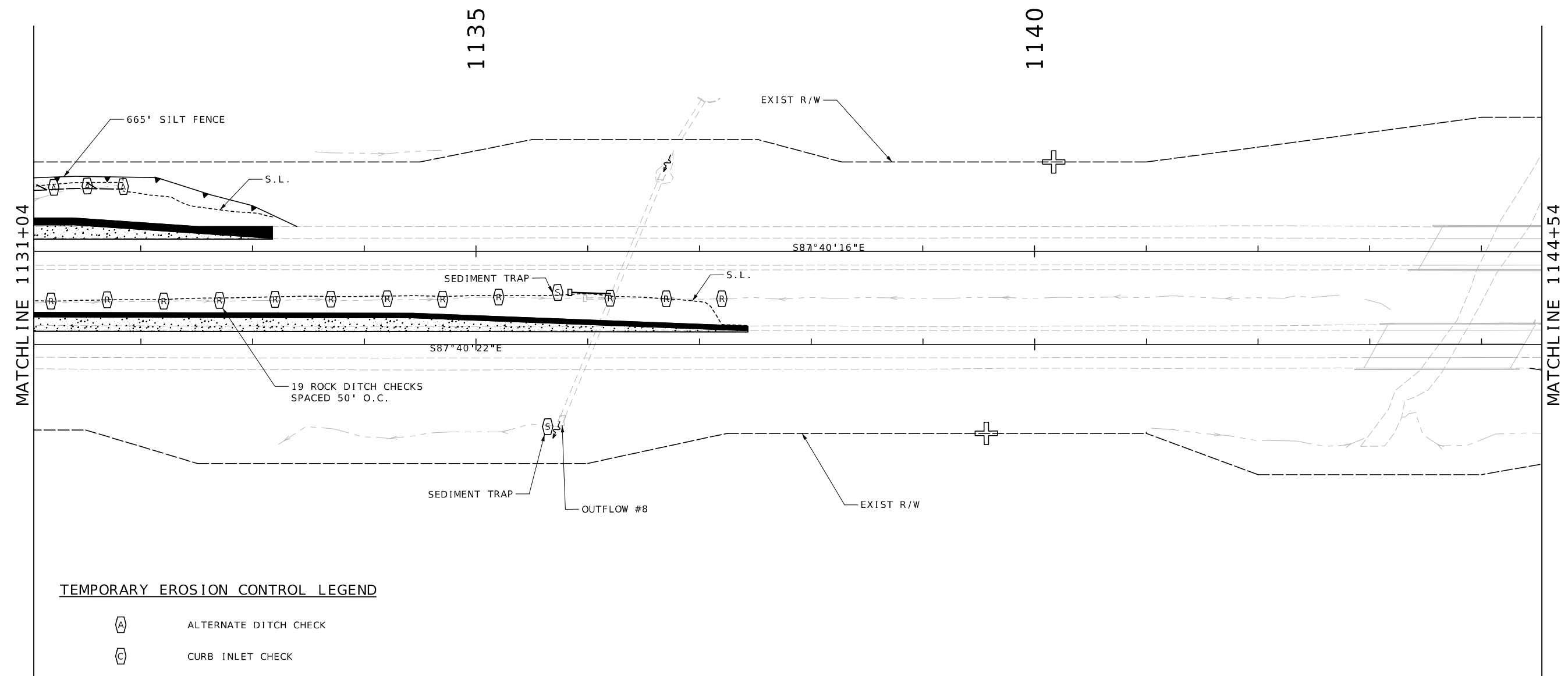


EROSION CONTROL SHEET 10 OF 14






IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

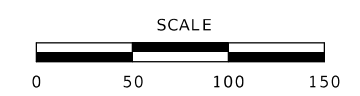


TEMPORARY EROSION CONTROL LEGEND

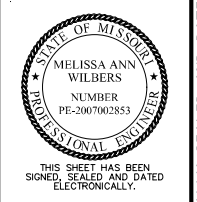
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD




EROSION CONTROL SHEET 11 OF 14



DATE PREPARED		11/19/2024	
ROUTE	STATE	50	MO
DISTRICT	SHEET NO.	KC	83
COUNTY			
JOHNSON			
JOB NO.			
JKR0136			
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)

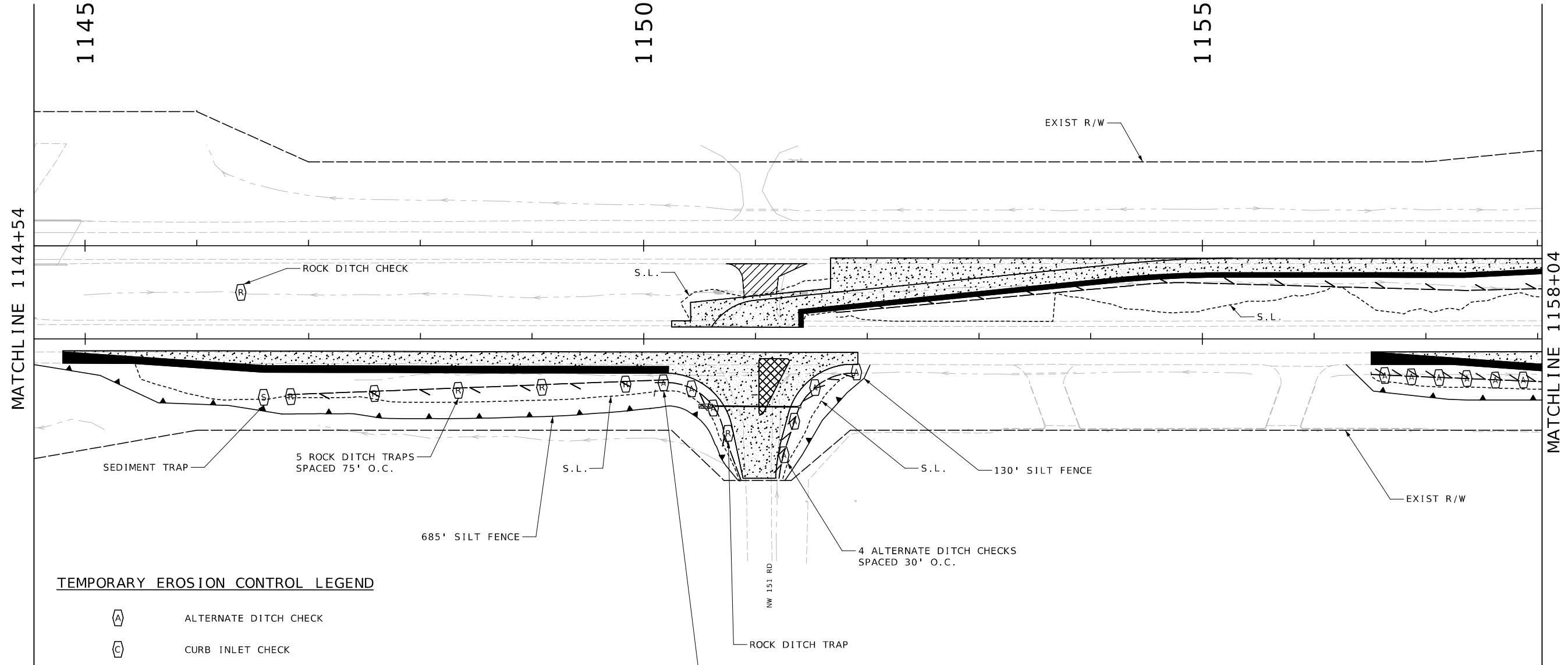
Bartlett & West

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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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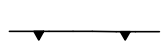
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

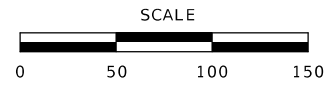


TEMPORARY EROSION CONTROL LEGEND

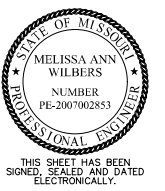
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 12 OF 14



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 84
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION







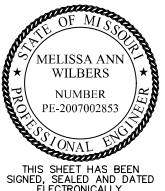
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
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CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- LEGEND:
-  ALTERNATE PAVEMENT
 -  A2 SHOULDER
 -  6" CONCRETE MEDIAN STRIP
 -  REMOVALS



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	85

COUNTY
JOHNSON


JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.
BRIDGE NO.

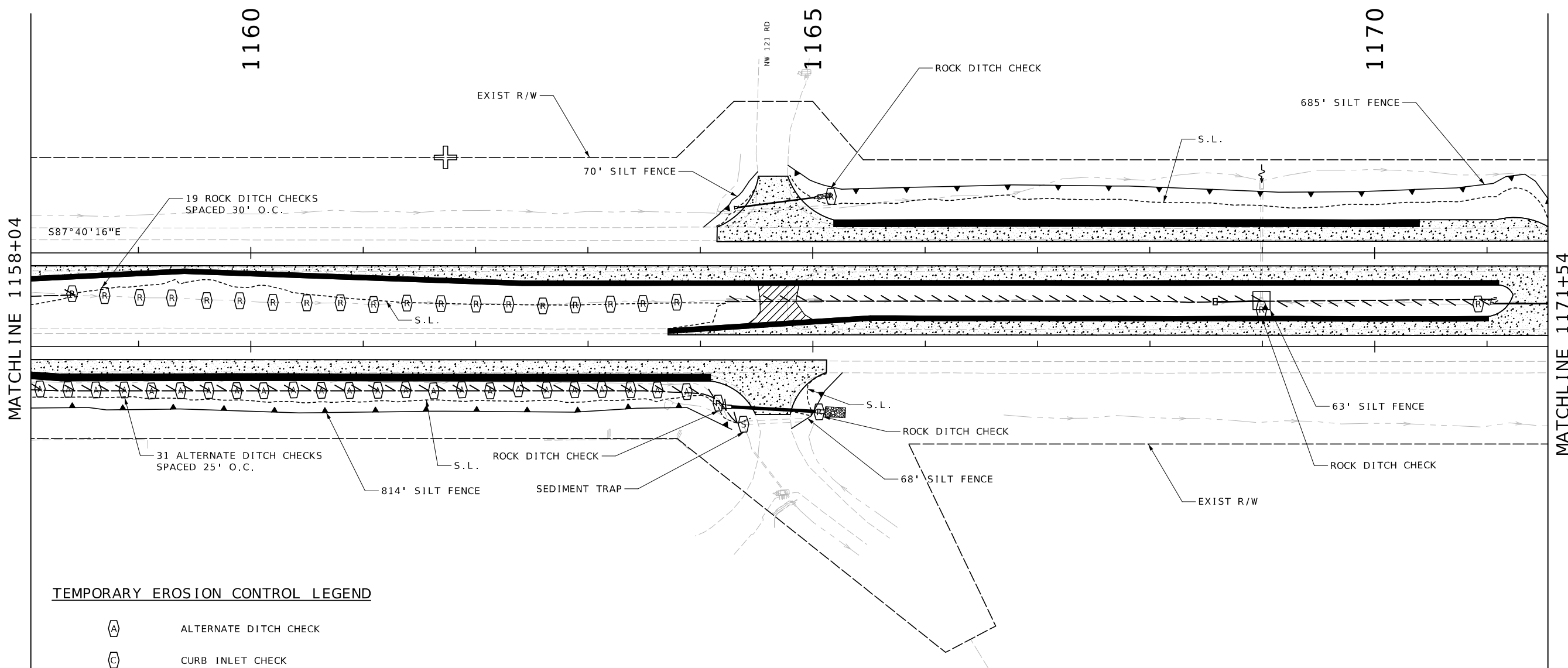
DESCRIPTION	DATE

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 204 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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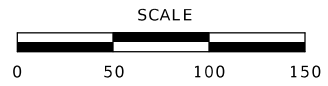


TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:





- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD

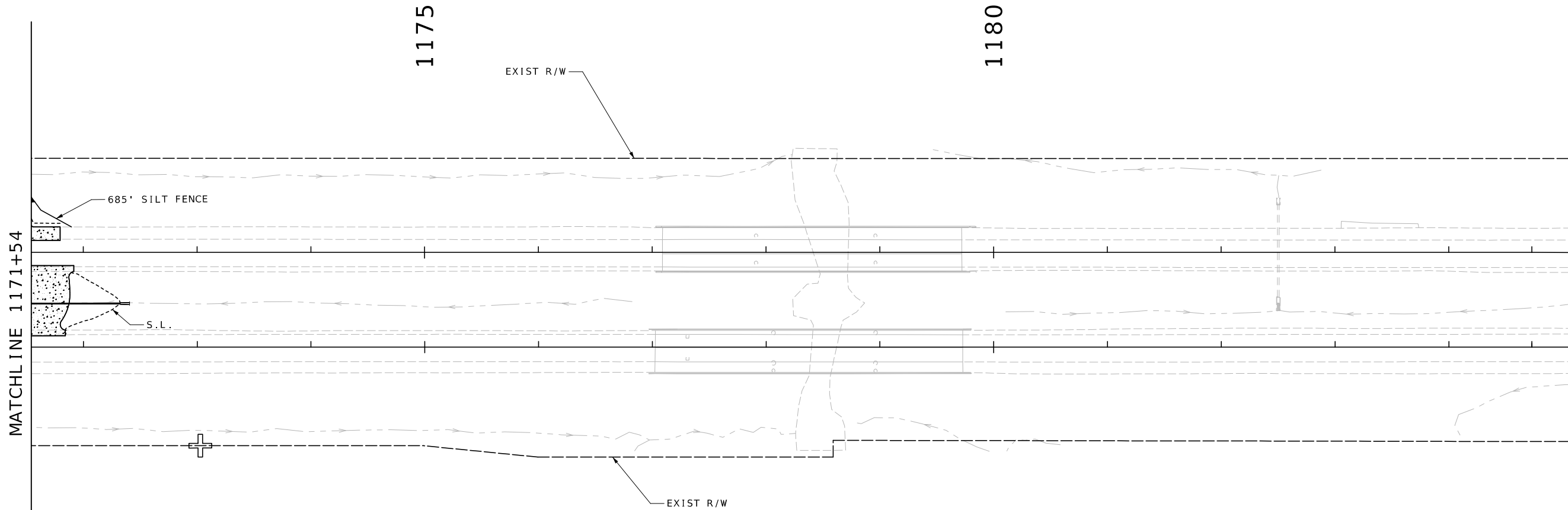


EROSION CONTROL SHEET 13 OF 14






IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEGEND:

-  ALTERNATE PAVEMENT
-  A2 SHOULDER
-  6" CONCRETE MEDIAN STRIP
-  REMOVALS

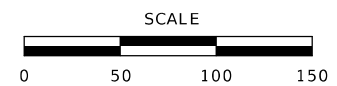


TEMPORARY EROSION CONTROL LEGEND

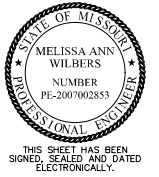
-  ALTERNATE DITCH CHECK
-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

GENERAL NOTES:

- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
- 2) THE PROJECT OUTLETS INTO "DEVIL'S BRANCH" (RECEIVING WATER) WEST OF NW 151st RD
- 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER) EAST OF NW 151st RD



EROSION CONTROL SHEET 14 OF 14



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 86

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

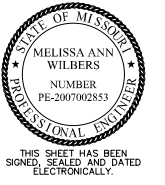


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1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 87

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

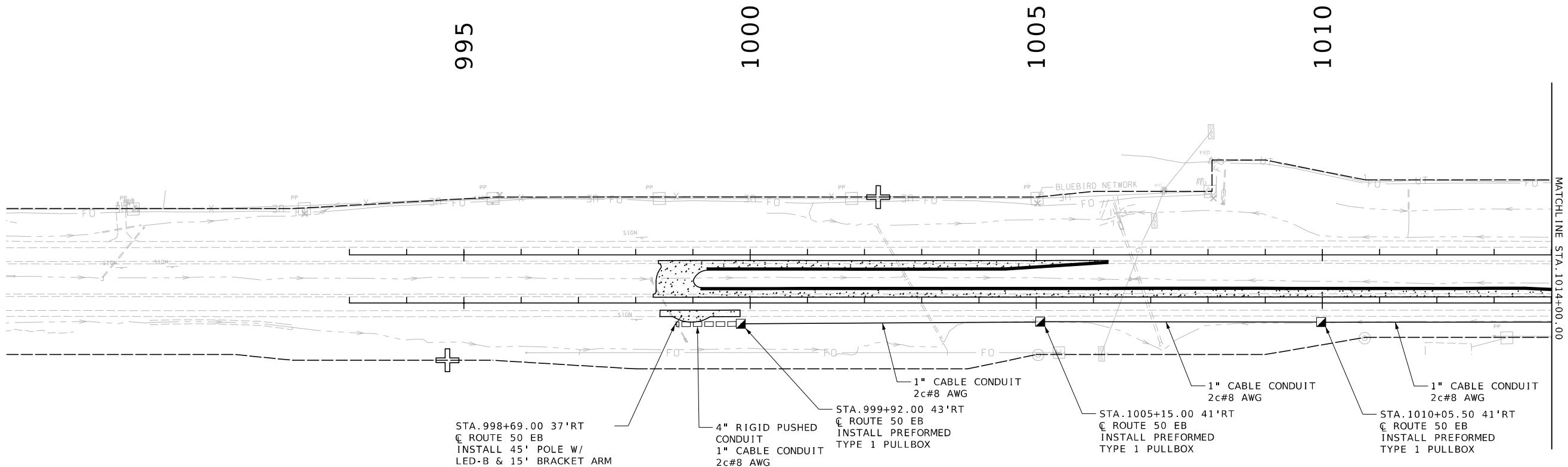
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

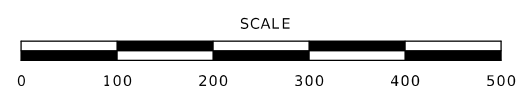
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

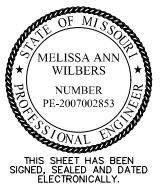
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



LIGHTING PLAN
SHEET 1 OF 6



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	88

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

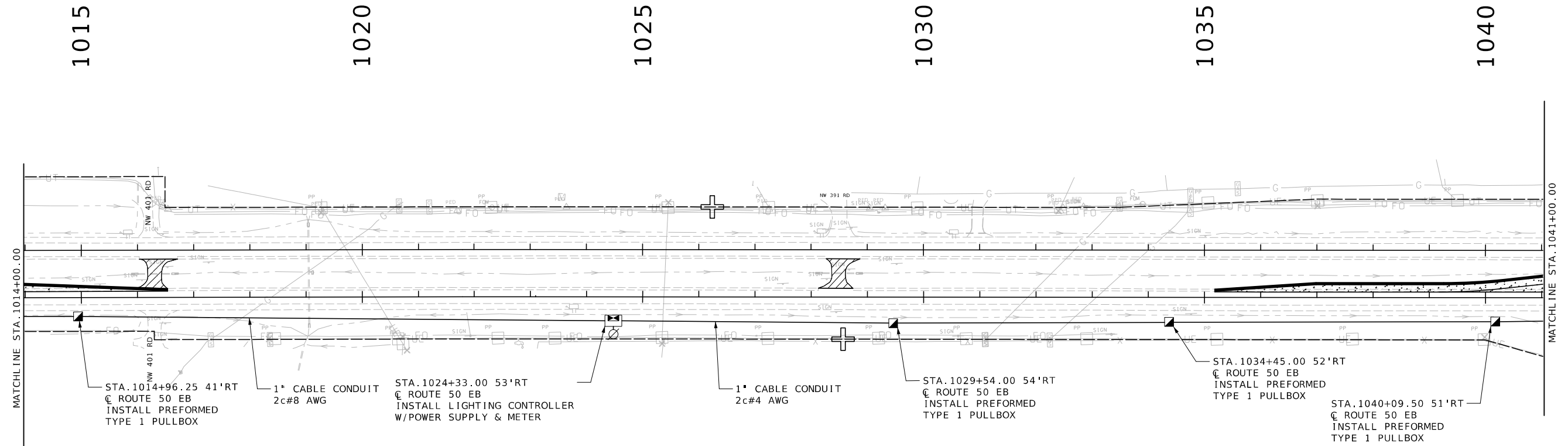
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

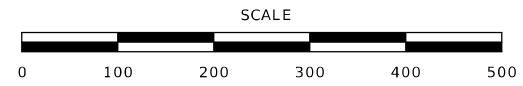
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-454-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

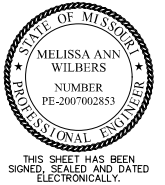
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



LIGHTING PLAN
SHEET 2 OF 6



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 89

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

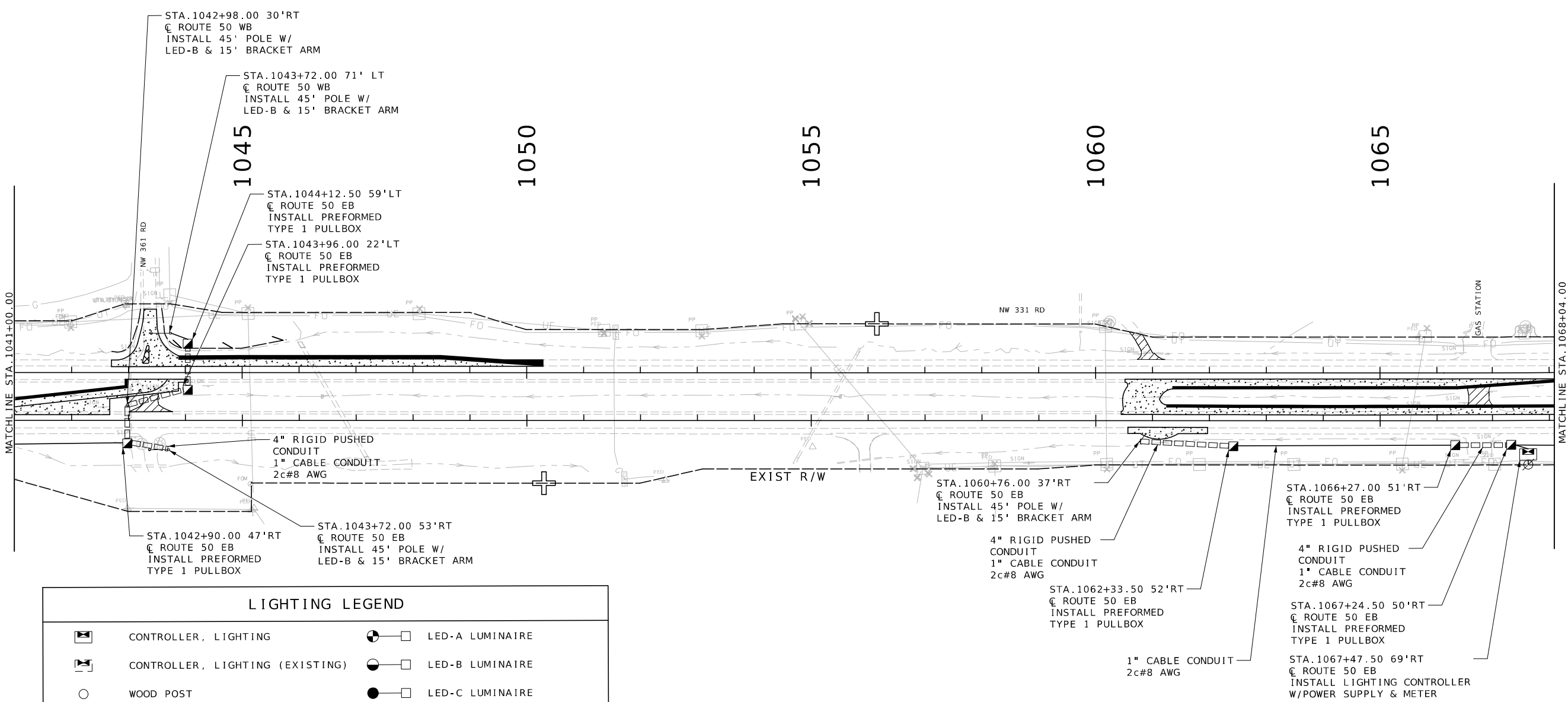
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

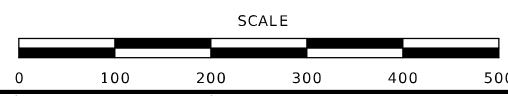
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

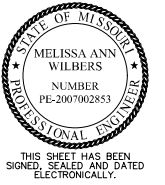
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



LIGHTING PLAN
SHEET 3 OF 6



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 90

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

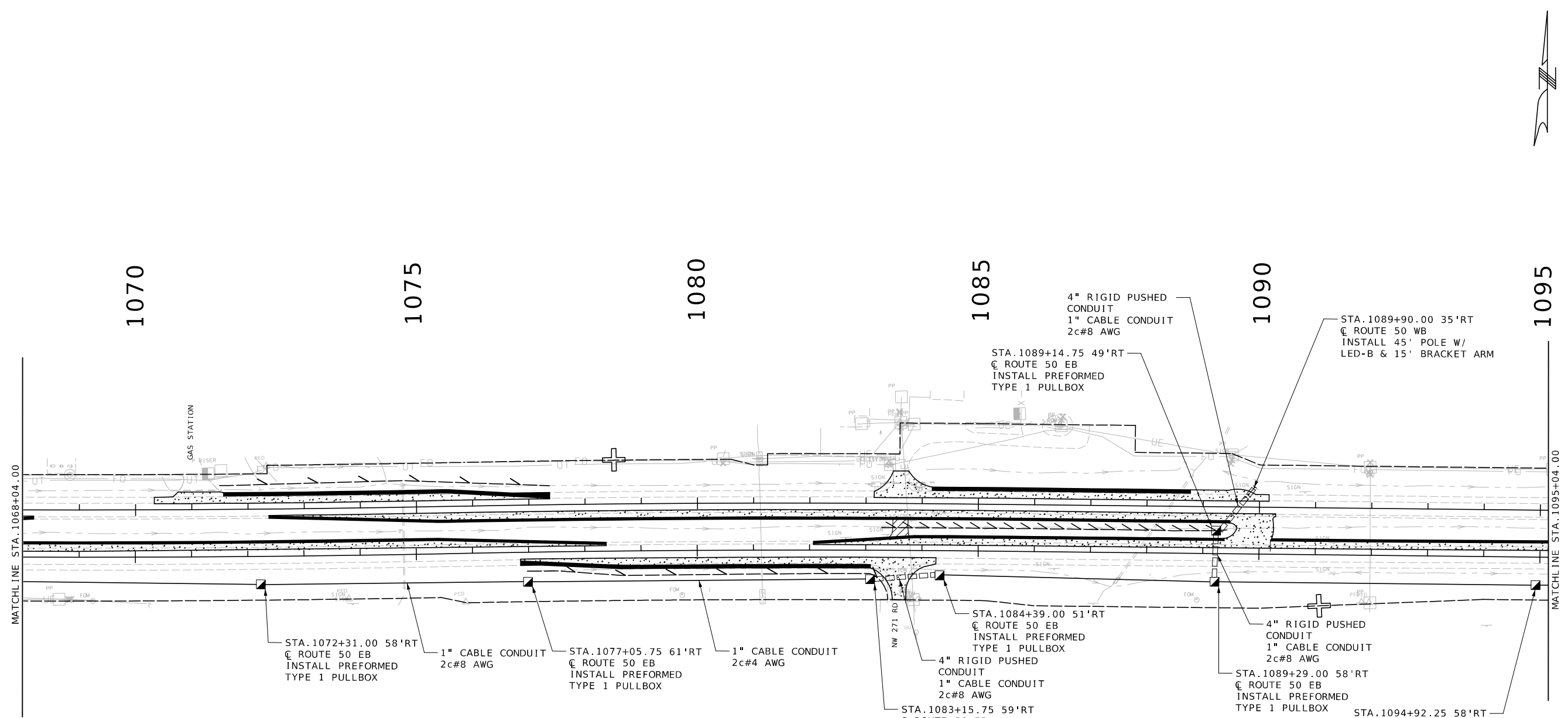
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

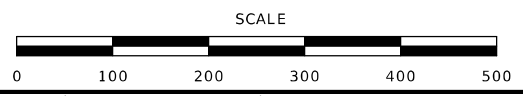
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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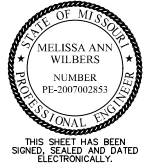
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
	CABLE-CONDUIT		



LIGHTING PLAN
SHEET 4 OF 6



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 91

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

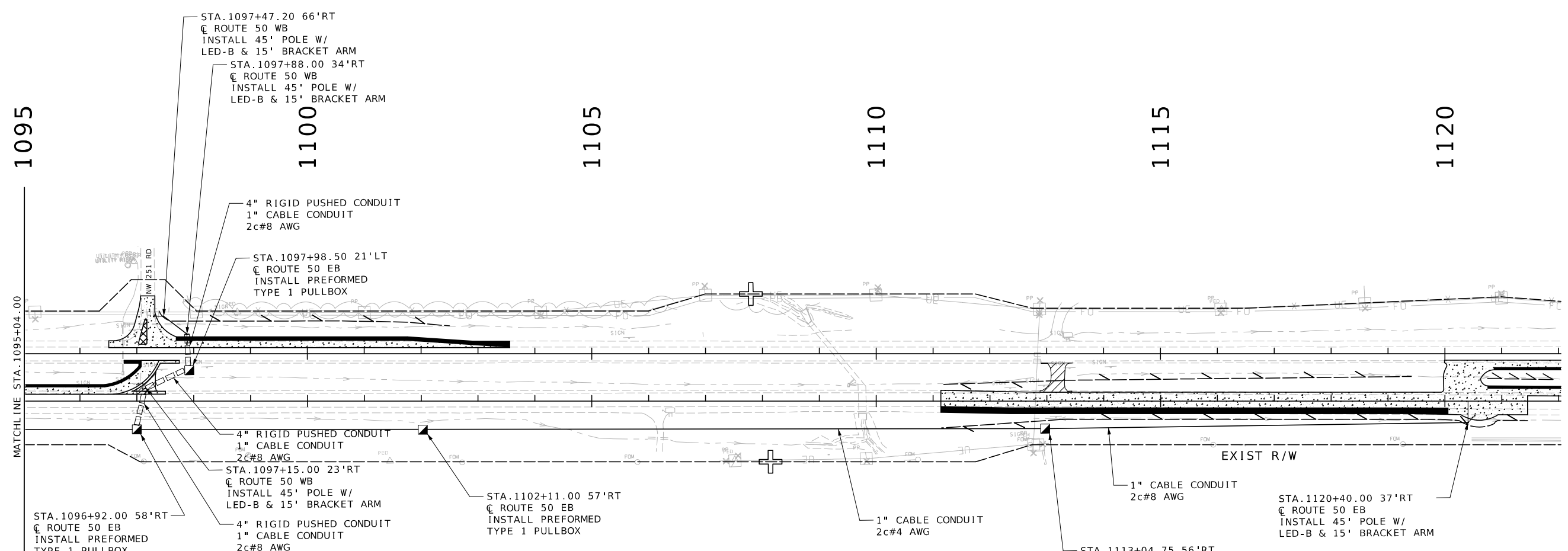
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MMDOT

Bartlett & West

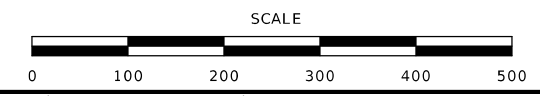
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 877-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

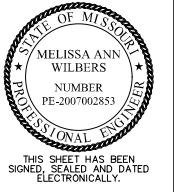


LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



LIGHTING PLAN
SHEET 5 OF 6



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 92
COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

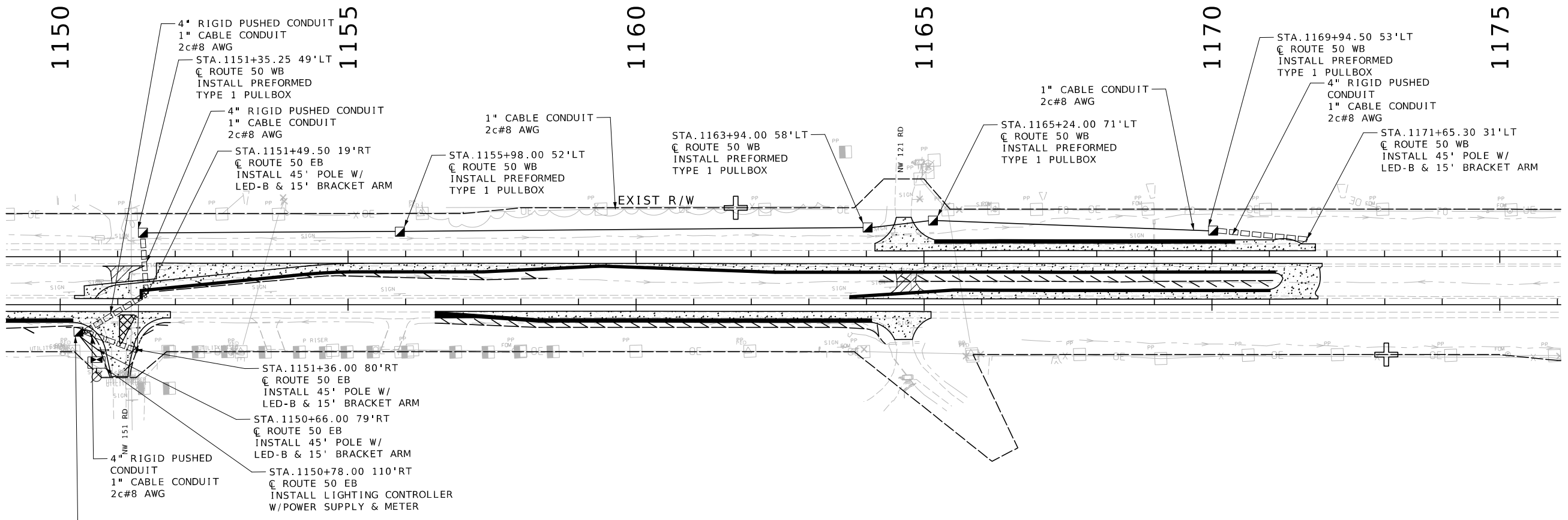
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

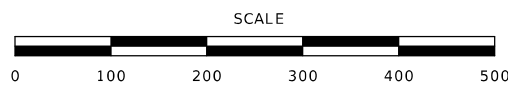
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
 601 MONROE ST., SUITE 204 - JEFFERSON CITY, MO 65101
 PHONE 872-63-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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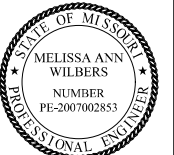


	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
	CABLE-CONDUIT		



LIGHTING PLAN SHEET 6 OF 6

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
12/2/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 93

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

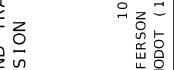
DATE	DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

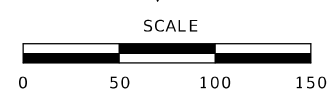
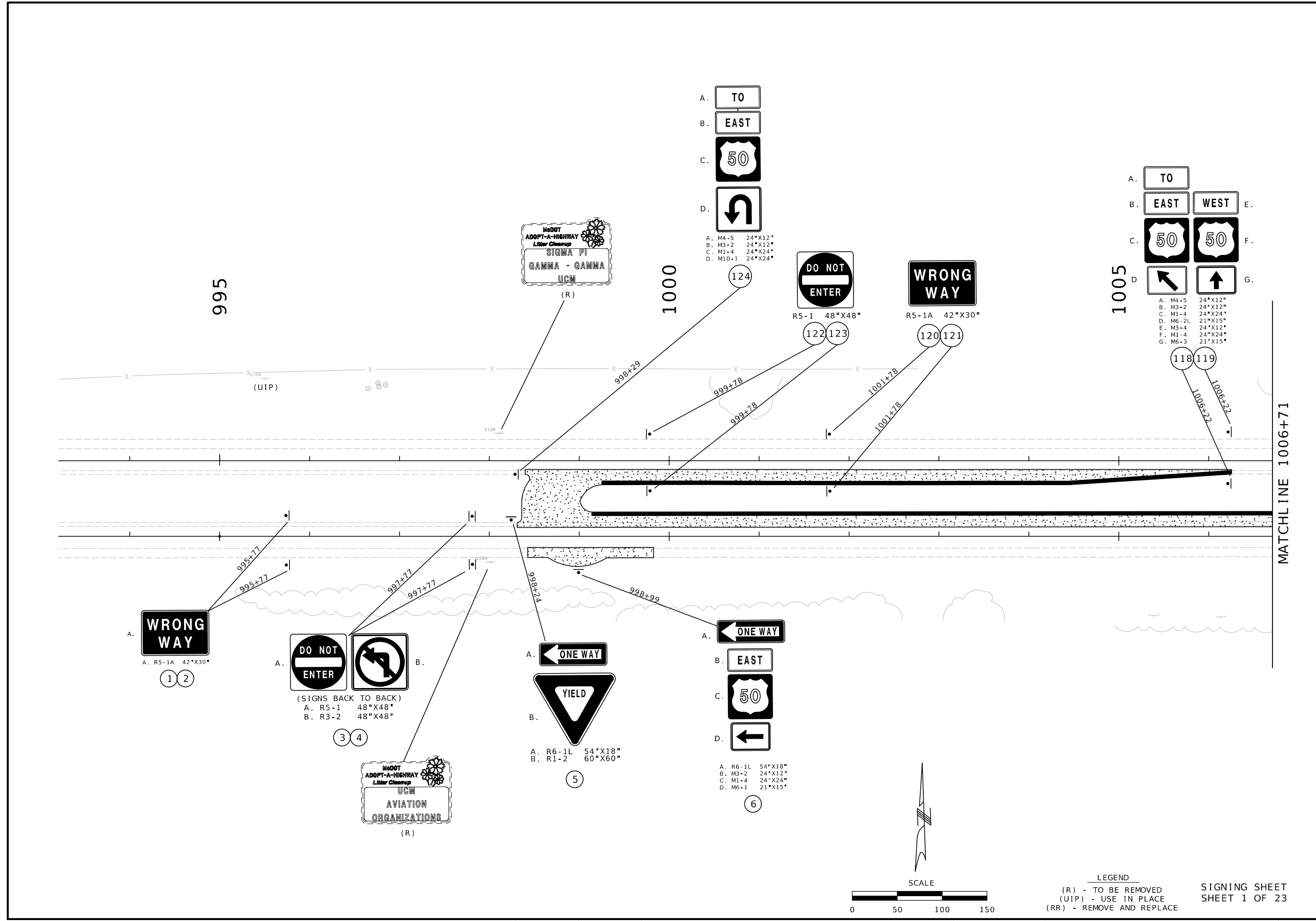
1-888-ASK-MODOT (1-888-275-6636)



105 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

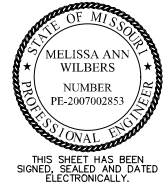
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LEGEND
 (R) - TO BE REMOVED
 (UIP) - USE IN PLACE
 (RR) - REMOVE AND REPLACE

SIGNING SHEET
 SHEET 1 OF 23

Bartlett & West
 601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
12/2/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	94

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

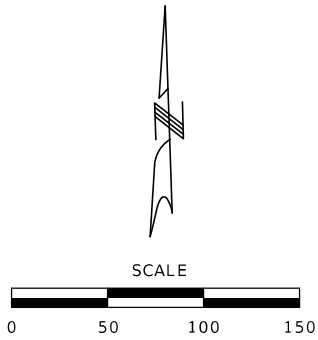
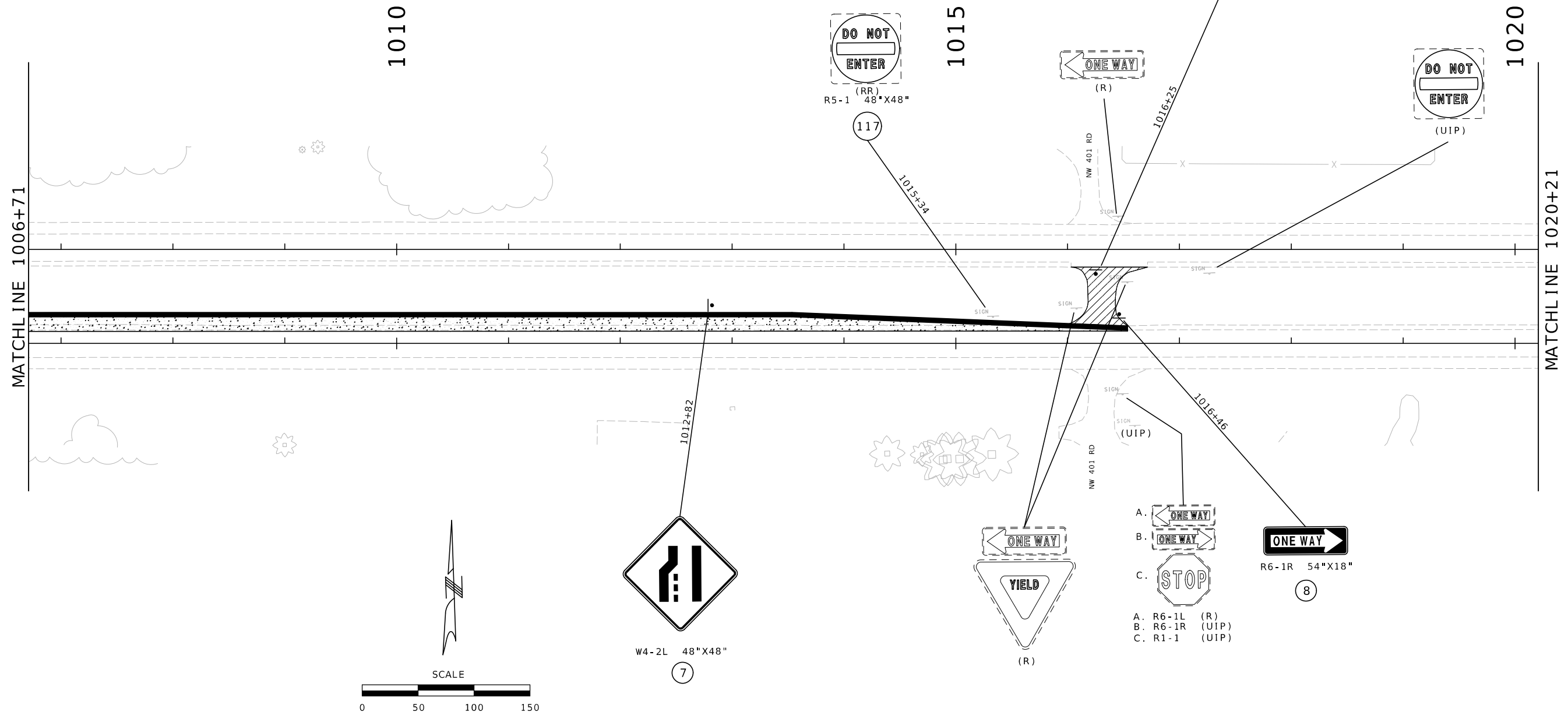
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

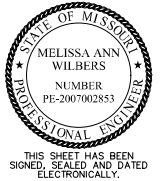
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 2 OF 23



DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 95

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 1020+21

MATCHLINE 1033+72

1025

1030

ONE WAY
R6-1R 54"X18"

115

1028+55

NW 391 RD

- A.
- B.
- C.

- A. R6-1L (R)
- B. R6-1R (UIP)
- C. R1-1 (UIP)

DO NOT ENTER
(UIP)

DO NOT ENTER
(R)

ONE WAY
(R)

ONE WAY
YIELD
(R)

SIGN (UIP)

SIGN (UIP) SIGN (UIP)

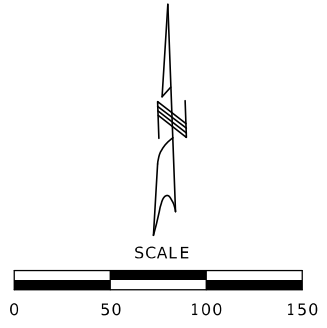
SIGN (UIP)

SIGN

SIGN

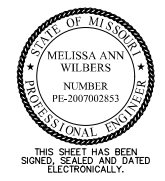
SIGN (UIP)

SIGN (UIP)



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 3 OF 23



DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 96

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

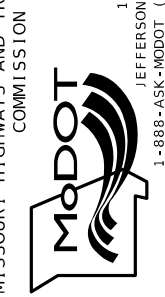
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

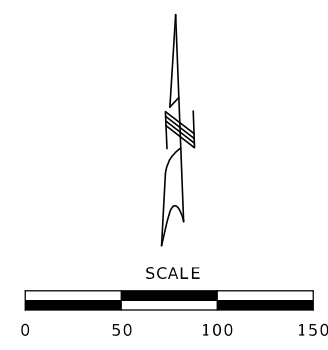
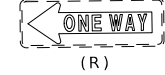
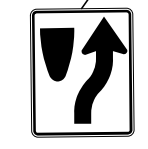
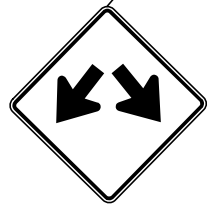
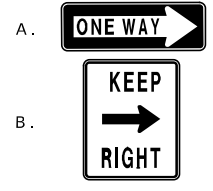
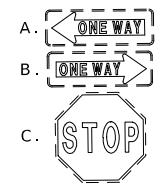
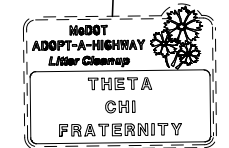
MATCHLINE 1033+72

MATCHLINE 1047+22

1035

1040

1045



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 4 OF 23

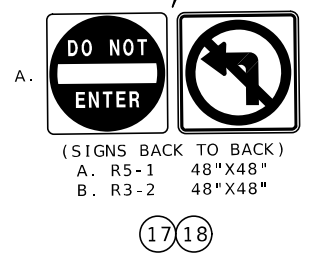
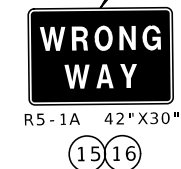
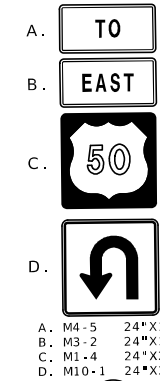
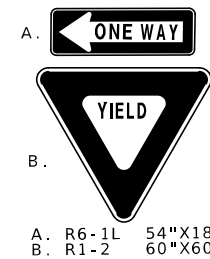
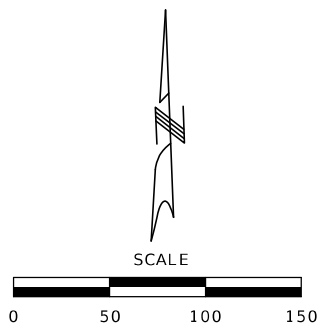
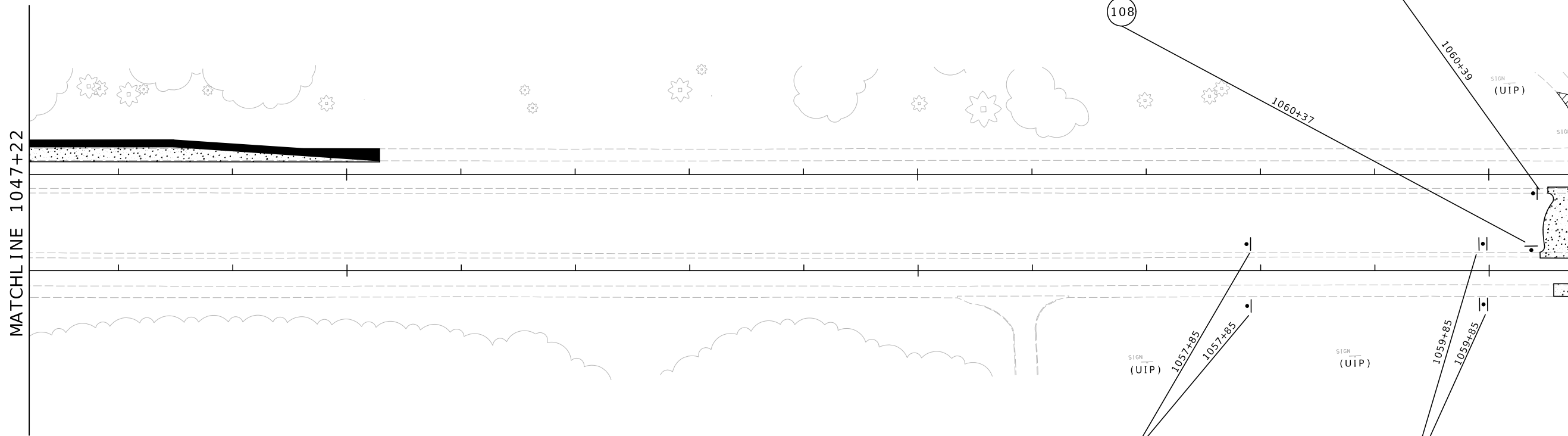
MATCHLINE 1047+22

1050

1055

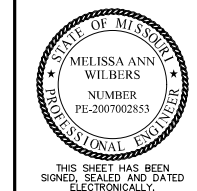
1060

MATCHLINE 1060+72



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 5 OF 23



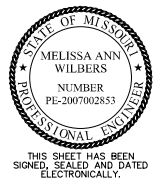
DATE PREPARED
12/2/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 97
COUNTY JOHNSON
JOB NO. JKRO136
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
12/2/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 98

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

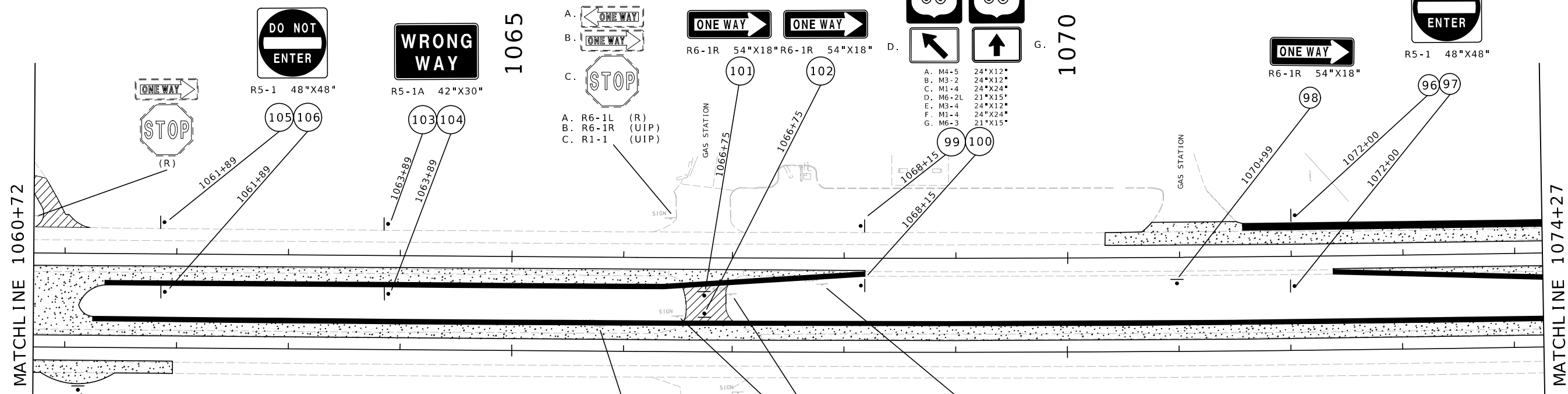
DESCRIPTION	DATE

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 873-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- A.
 - B.
 - C.
 - D.
- A. R6-1L 54"x18"
B. M3-2 24"x12"
C. M1-4 24"x24"
D. M6-1 21"x15"
- (19)

- A.
 - B.
 - C.
- A. R6-1L (R)
B. R6-1R (UIP)
C. R1-1 (UIP)

- R6-1R 54"x18"
- R6-1R 54"x18"

- A. TO
 - B. EAST WEST
 - C.
 - D.
 - E.
 - F.
 - G.
- A. M4-5 24"x12"
B. M3-2 24"x12"
C. M1-4 24"x24"
D. M6-2L 21"x15"
E. M3-4 24"x12"
F. M1-4 24"x24"
G. M6-3 21"x15"

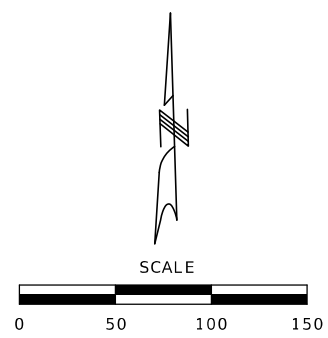
- A.
 - B.
 - C.
- (R)

- A.
 - B.
 - C.
- A. R6-1L (R)
B. R6-1R (UIP)
C. R1-1 (UIP)

- A.
- (R)

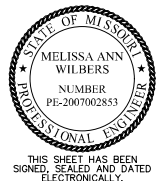
- R5-1 48"x48"

- R6-1R 54"x18"



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 6 OF 23



DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 99

COUNTY
JOHNSON

JOB NO.
JKR0136

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)



105 WEST CAPITOL
JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

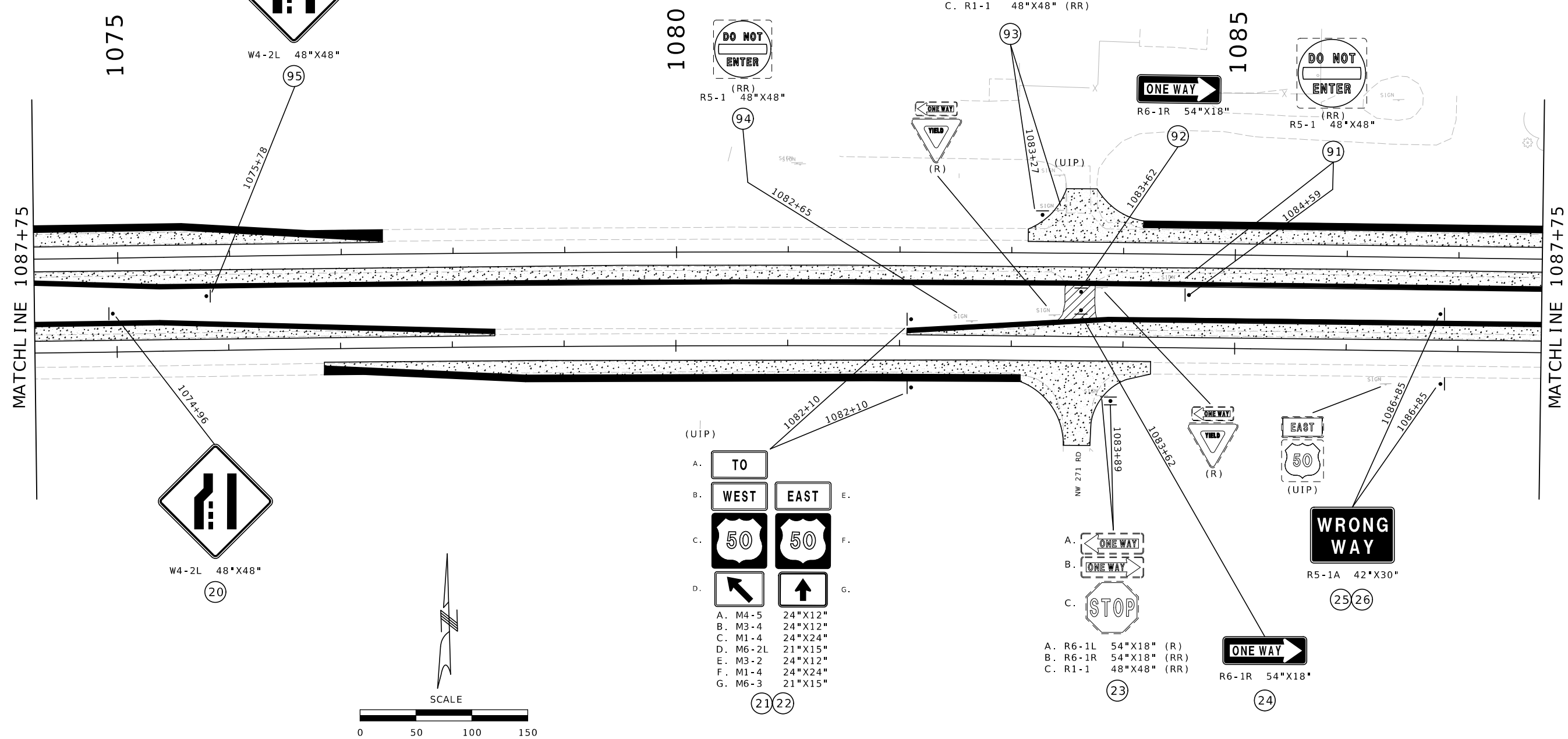
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

WWW.BARTLETTWEST.COM

Bartlett & West

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- A. 54"x18" (R)
- B. 54"x18" (RR)
- C. 48"x48" (RR)

- (RR) R5-1 48"x48"
- 94

- R6-1R 54"x18"
- 92

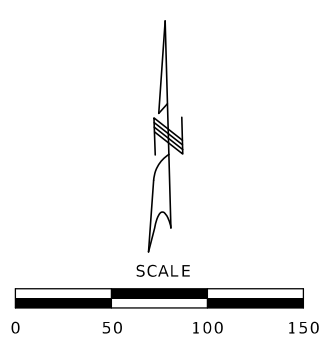
- (RR) R5-1 48"x48"
- 91

- (UIP)
- A. 24"x12"
 - B. 24"x12"
 - C. 24"x24"
 - D. 21"x15"
 - E. 24"x12"
 - F. 24"x24"
 - G. 21"x15"

- A. 54"x18" (R)
- B. 54"x18" (RR)
- C. 48"x48" (RR)

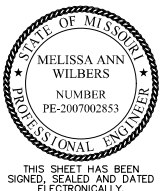
- R5-1A 42"x30"
- 25 26

- R6-1R 54"x18"
- 24



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 7 OF 23



DATE PREPARED
12/2/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 100

COUNTY JOHNSON
JOB NO. JKR0136
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 872-66-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 1087+75

MATCHLINE 1101+25

- A.
 - B.
 - C.
 - D.
- A. R6-1L 54"x18"
B. M3-4 24"x12"
C. M1-4 24"x24"
D. M6-1 21"x15"

- A.
 - B.
- (SIGNS BACK TO BACK)
A. R5-1 48"x48"
B. R3-2 48"x48"

- A.
 - B.
 - C.
- (RR)
A. R6-1L 54"x18"
B. R6-1R 54"x18"
C. R1-1 48"x48"

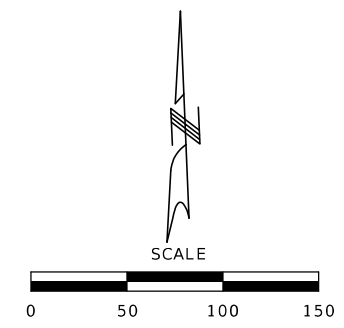
- A.
 - B.
 - C.
- A. R6-1R 36"x12"
B. R4-7A 36"x48"
R1-2 60"x60"

- A.
 - B.
 - C.
 - D.
- A. M4-4 24"x12"
B. M3-2 24"x12"
C. M1-4 24"x24"
D. M10-1 24"x24"

- A.
 - B.
- A. R6-1L 54"x18"
B. R1-2 60"x60"

-
- R5-1A 42"x30"

-
- W12-1 36"x36"



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 8 OF 23

MATCHLINE 1101+25

MATCHLINE 1114+75

WEST
50
(UIP)
1105

1110

ONE WAY
R6-1R 54"X18"

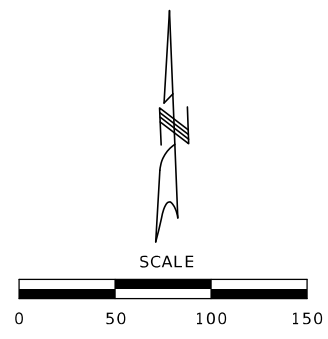
82

DO NOT ENTER
(R)

DO NOT ENTER
(UIP)

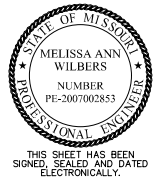
ONE WAY
(R)

ONE WAY
YIELD
(R)



LEGEND
 (R) - TO BE REMOVED
 (UIP) - USE IN PLACE
 (RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 9 OF 23



DATE PREPARED
12/2/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	101

COUNTY
JOHNSON
 JOB NO.
JKR0136
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

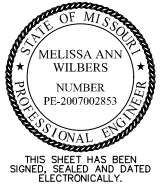
DATE	DESCRIPTION

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 872-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 102

COUNTY
JOHNSON

JOB NO.
JKR0136

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)



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 873-634-5181

CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

WWW.BARTLETTWEST.COM

Bartlett & West

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 1114+75

1115

1120

1125

MATCHLINE 1128+26

- A. TO
 - B. EAST
 - C. 50
 - D. [U-turn arrow]
- A. M4-5 24"x12"
B. M3-2 24"x12"
C. M1-4 24"x24"
D. M10-1 24"x24"

DO NOT ENTER
R5-1 48"x48"

WRONG WAY
R5-1A 42"x30"

- A. ONE WAY
 - B. STOP (RR)
- A. R6-1R 54"x18"
B. R1-1 48"x48"

- A. TO
 - B. EAST WEST
 - C. 50 50
 - D. [Left arrow] [Right arrow]
- A. M4-5 24"x12"
B. M3-4 24"x12"
C. M1-4 24"x24"
D. M6-3 21"x15"
E. M3-2 24"x12"
F. M1-4 24"x24"
G. M6-2L 21"x15"

WRONG WAY
R5-1A 42"x30"
34 35

A. DO NOT ENTER [U-turn arrow]
B. (SIGNS BACK TO BACK)
A. R5-1 48"x48"
B. R3-2 48"x48"

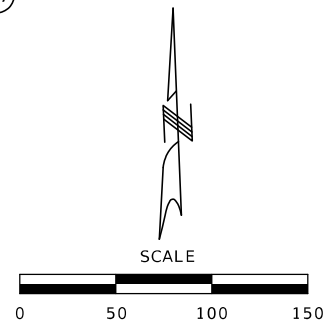
36 37

A. ONE WAY
B. YIELD
A. R6-1L 54"x18"
B. R1-2 60"x60"

38

A. ONE WAY
B. EAST
C. 50
D. [Left arrow]
A. R6-1L 54"x18"
B. M3-2 24"x12"
C. M1-4 24"x24"
D. M6-1 21"x15"

39



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 10 OF 23

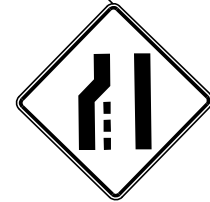
MATCHLINE 1128+26

1130

1135

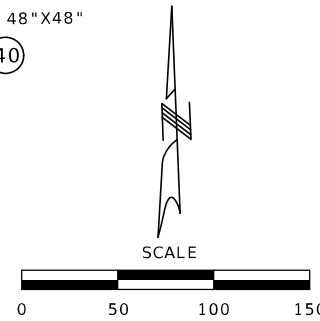
1140

MATCHLINE 1141+76



W4-2L 48"X48"

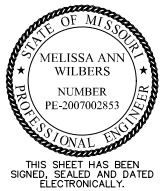
(40)



SCALE

LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 11 OF 23



DATE PREPARED
12/2/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 103

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

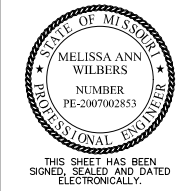
BRIDGE NO.

DATE	DESCRIPTION

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
12/2/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 104

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

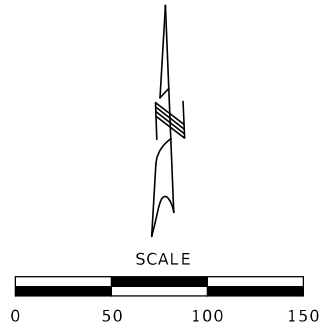
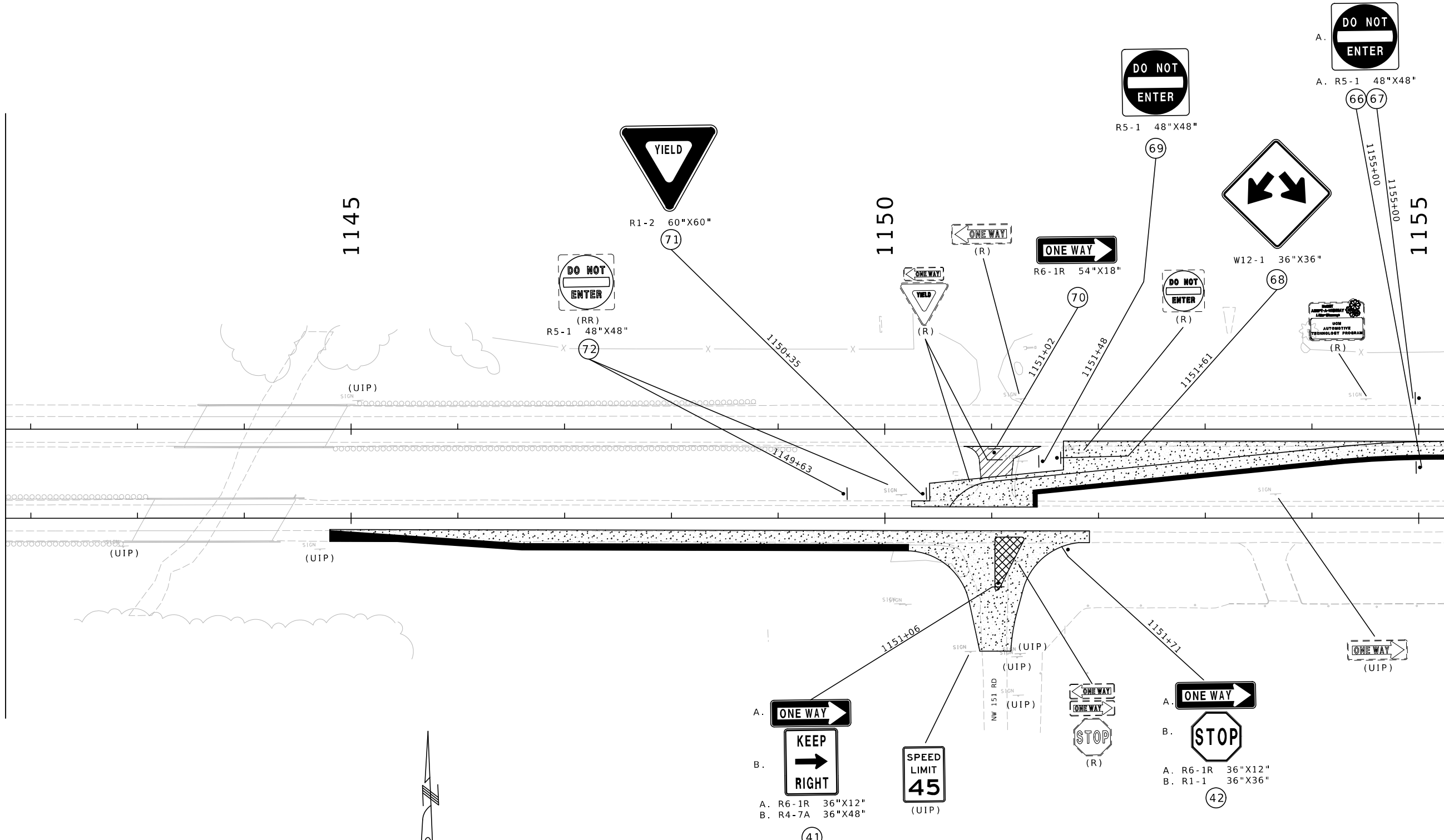
Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 672-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 1141+76

MATCHLINE 1155+26



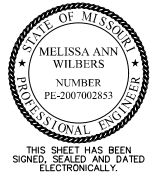
LEGEND

(R) - TO BE REMOVED

(UIP) - USE IN PLACE

(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 12 OF 23



DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 105

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

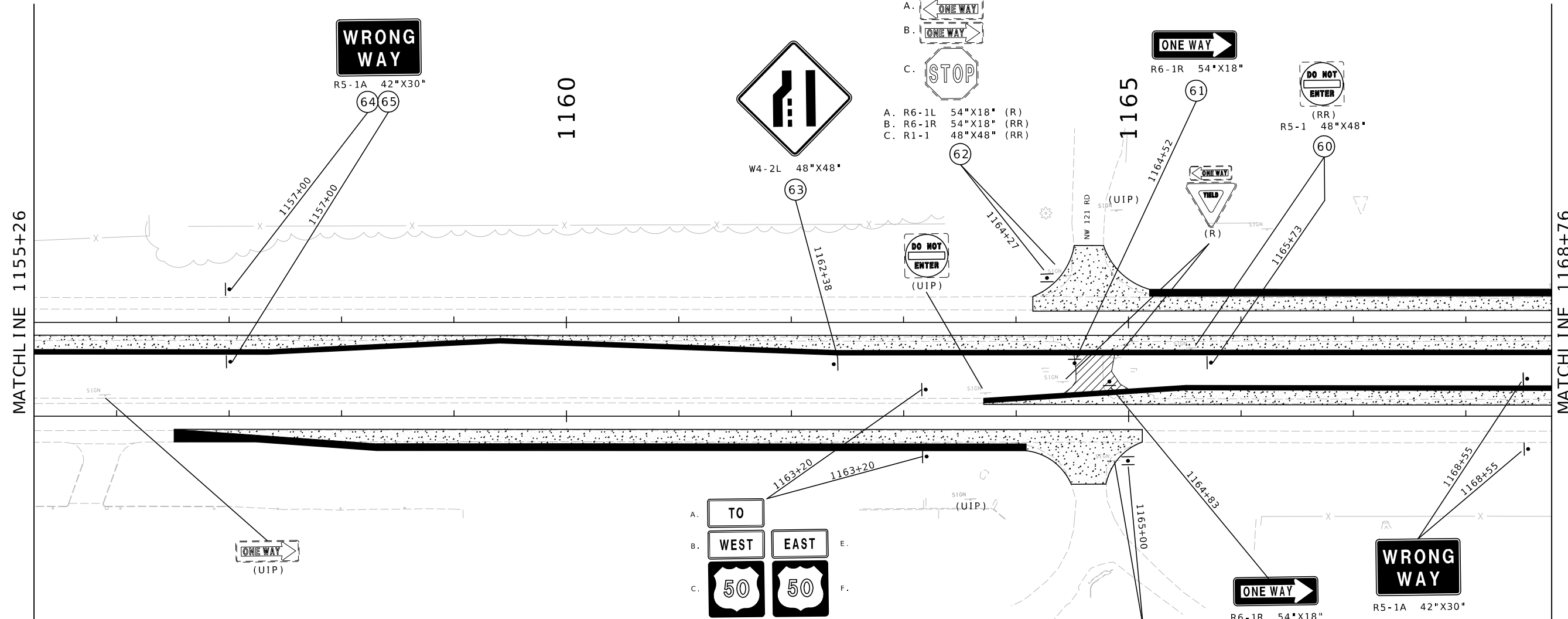
BRIDGE NO.

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



WRONG WAY
R5-1A 42"X30"
64 65

W4-2L 48"X48"
63

ONE WAY
R6-1R 54"X18"
61

DO NOT ENTER
(RR)
R5-1 48"X48"
60

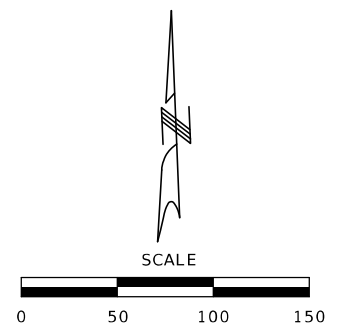
TO WEST EAST
A. TO B. WEST EAST
C. 50 50
D. ↙ ↗
E. F.
G.

A. M4-5 24"X12"
B. M3-4 24"X12"
C. M1-4 24"X24"
D. M6-2L 21"X15"
E. M3-2 24"X12"
F. M1-4 24"X24"
G. M6-3 21"X15"
44 45

ONE WAY
R6-1R 54"X18"
47

WRONG WAY
R5-1A 42"X30"
48 49

A. R6-1L 54"X18" (R)
B. R6-1R 54"X18" (RR)
C. R1-1 48"X48" (RR)
46



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 13 OF 23



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
12/2/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 106

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

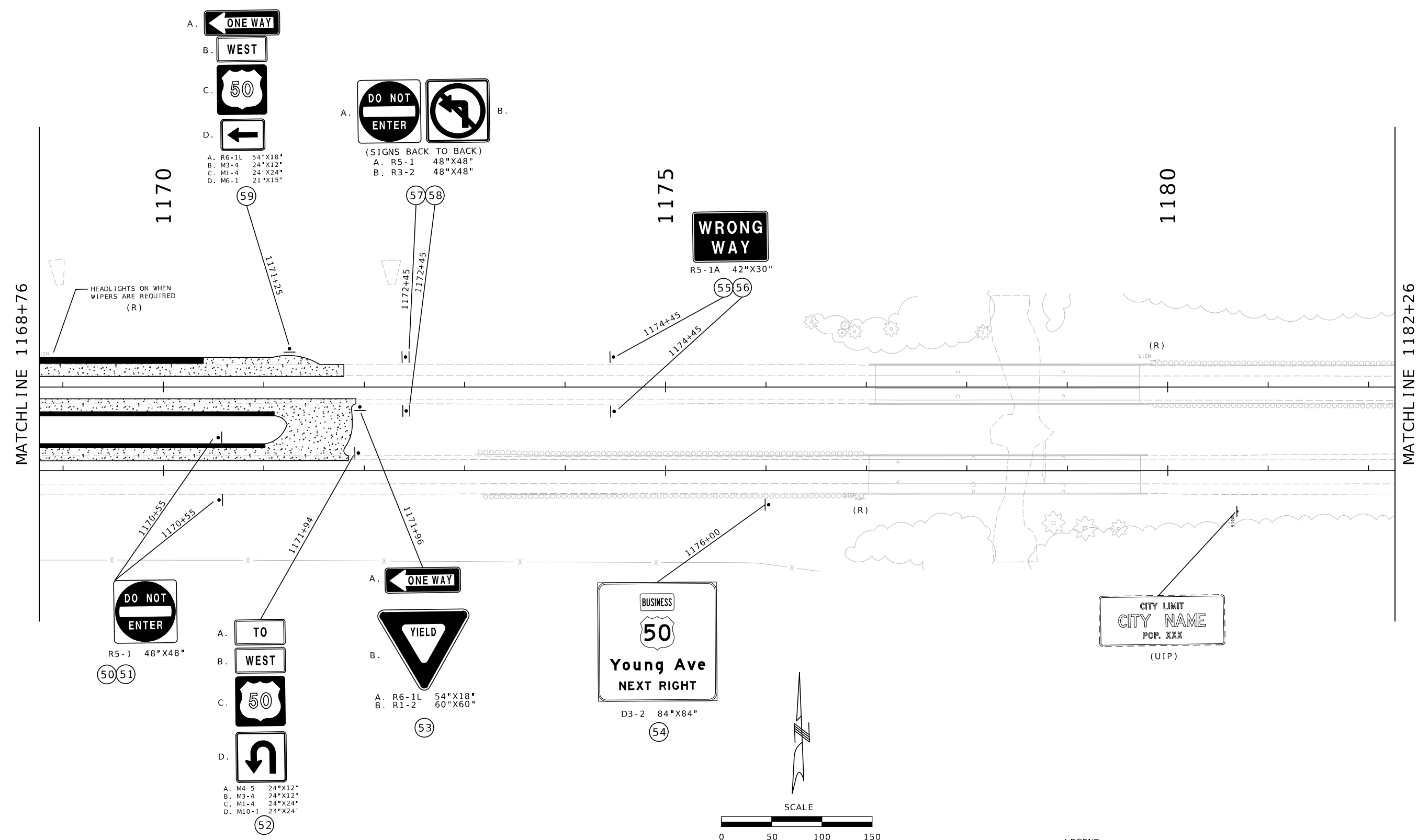
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- A.
 - B.
 - C.
 - D.
- A. R6-1L 54"x18"
B. M3-4 24"x12"
C. M1-4 24"x24"
D. M6-1 21"x15"

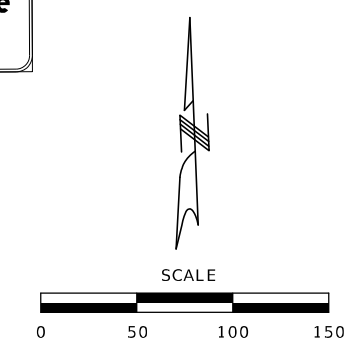
- A.
 - B.
- (SIGNS BACK TO BACK)
A. R5-1 48"x48"
B. R3-2 48"x48"

- A.
- R5-1 48"x48"
50 51

- A.
 - B.
 - C.
 - D.
- A. M4-5 24"x12"
B. M3-4 24"x12"
C. M1-4 24"x24"
D. M10-1 24"x24"
- 52

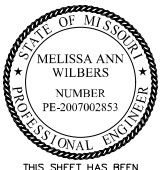
- A.
 - B.
- A. R6-1L 54"x18"
B. R1-2 60"x60"
- 53

- A.
- D3-2 84"x84"
54



LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 14 OF 23



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 107

COUNTY JOHNSON

JOB NO. JKR0136

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

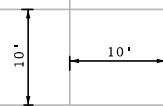
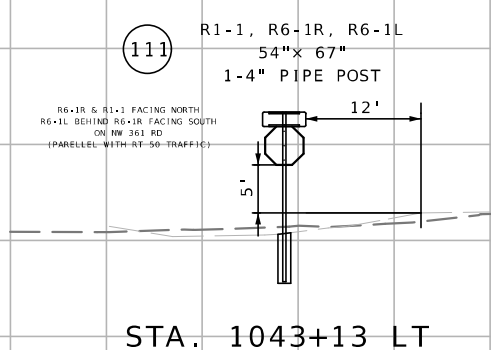
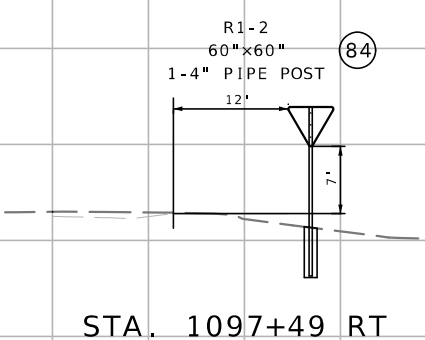
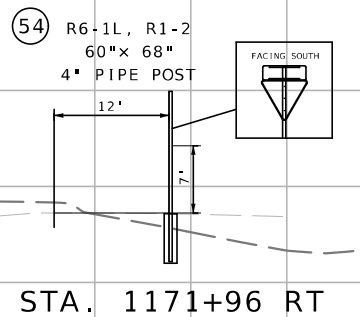
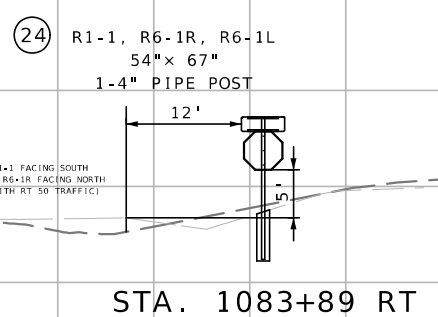
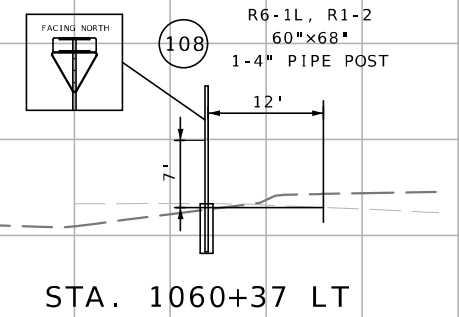
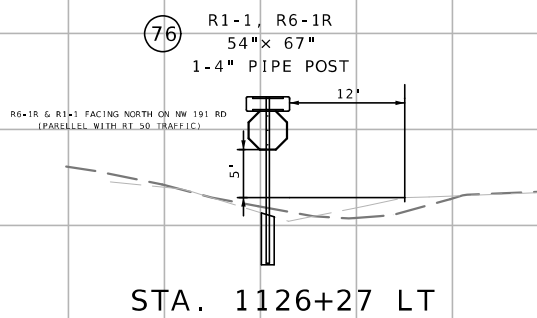
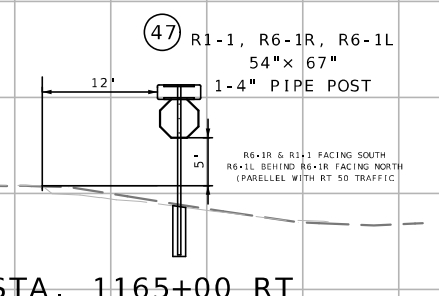
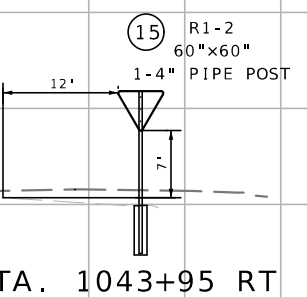
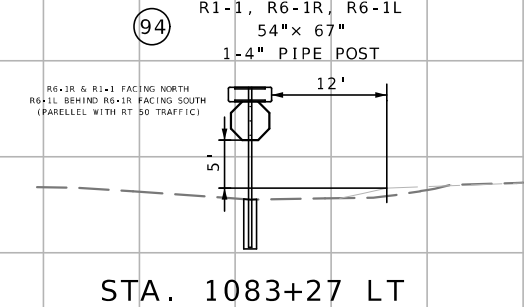
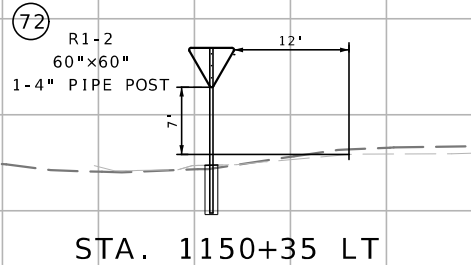
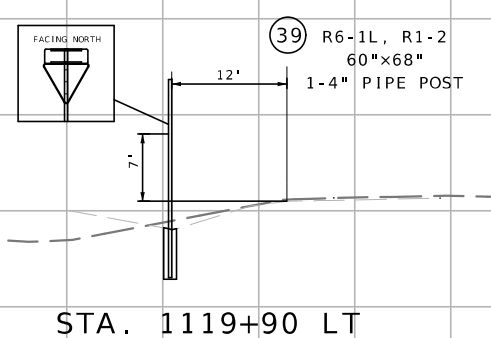
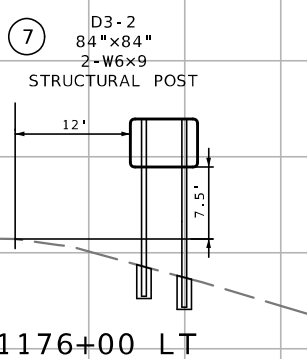
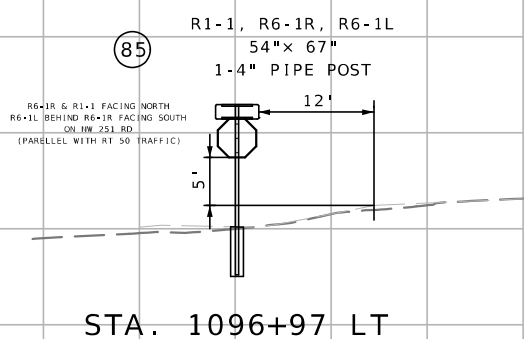
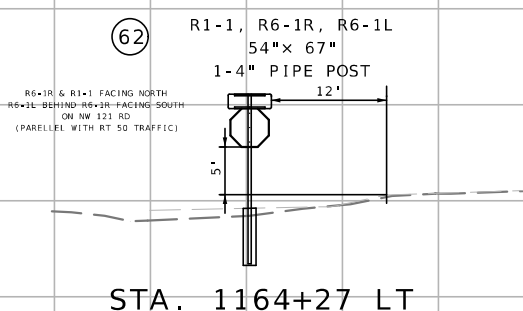
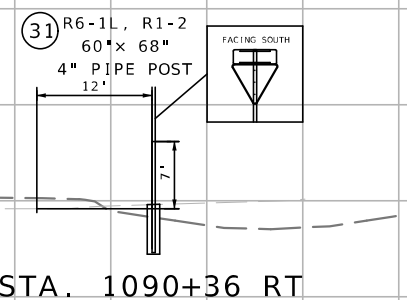
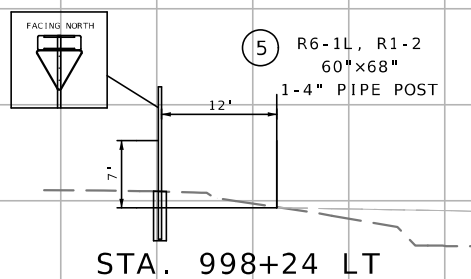
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 872-634-5181

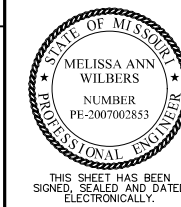
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIGNING SHEET SHEET 15 OF 23



Main data table with columns for SIGN NO., SIGN SIZE, STATION, CONCRETE FOOTINGS EMBEDDED, STRUCTURAL STEEL POSTS, PIPE POSTS, BACKING BARS, U-CHANNEL POST, PERFORATED SQUARE STEEL TUBE (2 IN. POST, 2.5 IN. POST), and REMARKS AND OTHER REQUIRED ITEMS.

* 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 with columns for NOM. SIZE, WEIGHT, STUB LENGTH, FOOTING, and CONCRETE.

STRUCTURAL STEEL POST AND FOOTING DATA TABLE with columns for POST NO., NOM. SIZE, WEIGHT, STUB LENGTH, DIA., LEVEL GROUND, and FOOTING (6:1, 4:1, 3:1 OR 2:1 GRADE).

DESCRIPTION

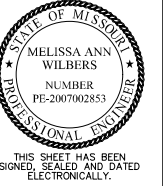
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



SIGNING SHEET SHEET 16 OF 23

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



Main data table with columns for SIGN NO., SIGN SIZE, STATION, LOCATION, CONCRETE FOOTINGS, STRUCTURAL STEEL POSTS, PIPE POSTS, BACKING BARS, U-CHANNEL POST, PERFORATED SQUARE STEEL TUBE (2 IN. POST, 2.5 IN. POST), and REMARKS AND OTHER REQUIRED ITEMS.

* 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 with columns for NOM. SIZE, WEIGHT, STUB LENGTH, FOOTING, and CONCRETE.

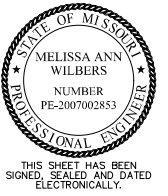
STRUCTURAL STEEL POST AND FOOTING DATA TABLE with columns for POST DES. NO., NOM. SIZE, WEIGHT, STUB LENGTH, DIA., LEVEL GROUND, and FOOTING.

SIGNING SHEET SHEET 17 OF 23

D-29

Missouri Highways and Transportation Commission logo and contact information for Bartlett & West, including address and website.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 111

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

Table with 2 columns: DATE, DESCRIPTION. Multiple empty rows.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION logo and address: 105 WEST CAPITOL JEFFERSON CITY, MO 65102

Bartlett & West logo and address: 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

Main table with columns: SIGN NUMBER, STATION, LOCATION, TYPE, SIGN DESCRIPTION, SIZES & NUMBER OF EACH, STANDARD SIGN OR SPECIAL SIGN NUMBER, SIGN DETAIL SHEET NO., NO. EACH, SIZE, FLAT SHEET SH, FLAT SHEET FLUORESCENT SHF *, STRUCTURAL ST, STRUCTURAL FLUORESCENT STF *. Includes a SUBTOTAL row at the bottom.

* CONTINUED ON NEXT SHEET

* ORANGE, YELLOW & YELLOW/GREEN

SIGNING SHEET SHEET 19 OF 23



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STANDARD SIGN ASSEMBLIES														SIGN SUMMARY																	
SIGN NUMBER	STATION	LOCATION	TYPE											STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET														
			SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1				SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A										
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH																												
			50	EAST	WEST	TO	←	↖	↑	↻	STOP	↓	↘	↗	KEEP RIGHT	DO NOT ENTER															
			M1-4 24"x24"	M3-2 24"x12"	M3-4 24"x12"	M4-5 24"x12"	M6-1 21"x15"	M6-2L 21"x15"	M6-3 21"x15"	M10-1 24"x24"	R1-1 48"x48"	R1-2 60"x60"	R3-2 48"x48"	R4-7 36"x48"	R4-7A 36"x48"	R5-1 48"x48"															
105	1061+89	WB50 LT										1									M1-4 (US ROUTE 50)	STD	5	24"x24"	20.0						
106	1061+89	WB50 RT														1						M3-2 (EAST)	STD	3	24"x12"	6.0					
107	1060+39	WB50 RT	1	1		1										1						M3-4 (WEST)	STD	2	24"x12"	4.0					
108	1060+37	EB50 LT												1								M4-5 (TO)	STD	2	24"x12"	4.0					
109	1044+39	WB50 RT														1						M6-1 (LEFT ARROW)	STD	0	21"x15"						
110	1043+13	361 LT										1										M6-2L (DIR ARROW 45 LEFT)	STD	1	21"x15"	2.2					
111	1042+74	EB50 LT														1						M6-3 (STRAIGHT ARROW)	STD	2	21"x15"	4.4					
113	1039+55	EB50 RT														1						M10-1 (U-TURNS)	STD	2	24"x24"	8.0					
114	1039+55	EB50 LT														1						R1-1 (STOP)	STD	1	48"x48"	16.0					
117	1015+34	EB50 LT														1						R1-2 (YIELD)	STD	1	60"x60"	25.0					
118	1006+22	WB50 RT	1	1		1			1							1						R3-2 (NO LEFT TURN)	STD	0	48"x48"						
119	1006+22	WB50 LT	1			1					1											R4-7 (KEEP RIGHT)	STD	2	24"x30"	10.0					
122	999+78	WB50 LT														1						R4-7A (KEEP RIGHT HORIZ. ARROW)	STD	0	36"x48"						
123	999+78	WB50 RT														1						R5-1 (DO NOT ENTER)	STD	9	48"x48"	144.0					
124	998+29	WB50 RT	1	1							1																				
125	1043+19	WB50 RT																												1	
126	1097+15	WB50 RT																												1	
																	SUBTOTAL			243.6											

* CONTINUED ON NEXT SHEET

* ORANGE, YELLOW & YELLOW/GREEN

DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 112

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

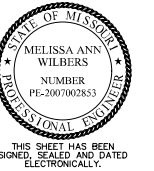
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGNING SHEET SHEET 20 OF 23

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 113

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DESCRIPTION

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DESCRIPTION

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STANDARD SIGN ASSEMBLIES		SIGN SUMMARY																		
SIGN NUMBER	STATION	LOCATION	TYPE								STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET						
			SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1	SHR2L-1											
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH											SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *	STRUCTURAL ST	STRUCTURAL FLUORESCENT STF *		
			R5-1a 42"x30"	R6-1L 54"x18"	R6-1L 54"x18"	R6-1L 36"x12"	W12-1 36"x36"	W4-2L 48"x48"	W4-6R 36"x36"	D3-2 84"x84"										
			WRONG WAY	ONE WAY	ONE WAY	ONE WAY														
			R5-1a	R6-1L	R6-1L	R6-1L	W12-1	W4-2L	W4-6R	D3-2										
1	995+77	EB50 LT	1								R5-1A (WRONG WAY)	STD	22	42"x30"	192.5					
2	995+77	EB50 RT	1								R6-1L (ONE WAY LEFT)	STD	16	54"x18"	108.0					
5	998+24	EB50 LT		1							R6-1R (ONE WAY RIGHT)	STD	13	54"x18"	87.8					
6	998+99	EB50 LT		1							R6-1R (ONE WAY RIGHT)	STD	1	36"x12"	3.0					
7	1012+82	EB50 LT							1		W12-1 (DOUBLE DOWN ARROW)	STD	3	36"x36"		27.0				
8	1016+46	EB50 LT				1					W4-2L (LEFT LANE ENDS)	STD	4	48"x48"	64.0					
9	1037+55	EB50 LT	1								W4-6R (ADDED LANE RIGHT)	STD	1	36"x36"	9.0					
10	1037+55	EB50 RT	1								D3-2 (BUS. 50, YOUNG NEXT RIGHT)	113	1	84"x84"	49.0					
11	1042+69	EB50 LT						1												
13	1043+39	EB50 LT			1															
15	1057+85	EB50 LT	1																	
16	1057+85	EB50 RT	1																	
19	1061+12	EB50 RT		1																
20	1074+96	EB50 LT							1											
23	1083+89	271 RT		1	1															
24	1083+62	EB50 LT			1															
25	1086+85	EB50 LT	1																	
26	1086+85	EB50 RT	1																	
30	1090+36	EB50 RT		1																
31	1095+14	EB50 LT	1																	
32	1095+14	EB50 RT	1																	
33	1097+06	EB50 LT						1												
34	1117+35	EB50 LT	1																	
35	1117+35	EB50 RT	1																	
38	1119+90	EB50 LT		1																
39	1120+60	EB50 RT		1																
40	1134+49	EB50 LT							1											
41	1151+01	151 LT					1													
42	1151+75	151 RT								1										
46	1165+00	EB50 RT		1	1															
47	1164+83	EB50 LT			1															
48	1168+55	EB50 LT	1																	
49	1168+55	EB50 RT	1																	
53	1171+96	WB50 RT		1																
54	1172+00	EB50 RT								1										
55	1174+45	WB50 LT	1																	
56	1174+45	WB50 RT	1																	
59	1171+25	WB50 LT		1																
61	1164+52	WB50 RT		1																
62	1164+27	121 LT		1	1															
63	1162+38	WB50 RT								1										
64	1157+00	WB50 LT	1																	
65	1157+00	WB50 RT	1																	
68	1151+61	WB50 RT						1												
70	1151+02	WB50 RT		1																
75	1126+27	191 LT				1														
76	1126+61	WB50 RT				1														
77	1123+40	WB50 LT	1																	
78	1123+40	WB50 RT	1																	
82	1113+18	WB50 RT								1										
84	1096+97	251 LT		1	1															
86	1093+10	WB50 LT	1																	
87	1093+10	WB50 RT	1																	
90	1089+62	WB50 LT		1																
92	1083+62	WB50 RT								1										
93	1083+27	WB50 LT		1	1															
												SUBTOTAL		513.3	27.0					

* CONTINUED ON NEXT SHEET

* ORANGE, YELLOW & YELLOW/GREEN

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 204 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGNING SHEET SHEET 21 OF 23

D-30

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STANDARD SIGN ASSEMBLIES

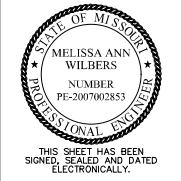
SIGN SUMMARY

Table with columns: SIGN NUMBER, STATION, LOCATION, TYPE, SIGN DESCRIPTION, SIZES & NUMBER OF EACH, STANDARD SIGN OR SPECIAL SIGN NUMBER, SIGN DETAIL SHEET NO., NO. EACH, SIZE, FLAT SHEET SH, FLAT SHEET FLUORESCENT SHF *, STRUCTURAL ST, STRUCTURAL FLUORESCENT STF *

SIGNING SHEET SHEET 22 OF 23

* ORANGE, YELLOW & YELLOW/GREEN

D-30



DATE PREPARED 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 114

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

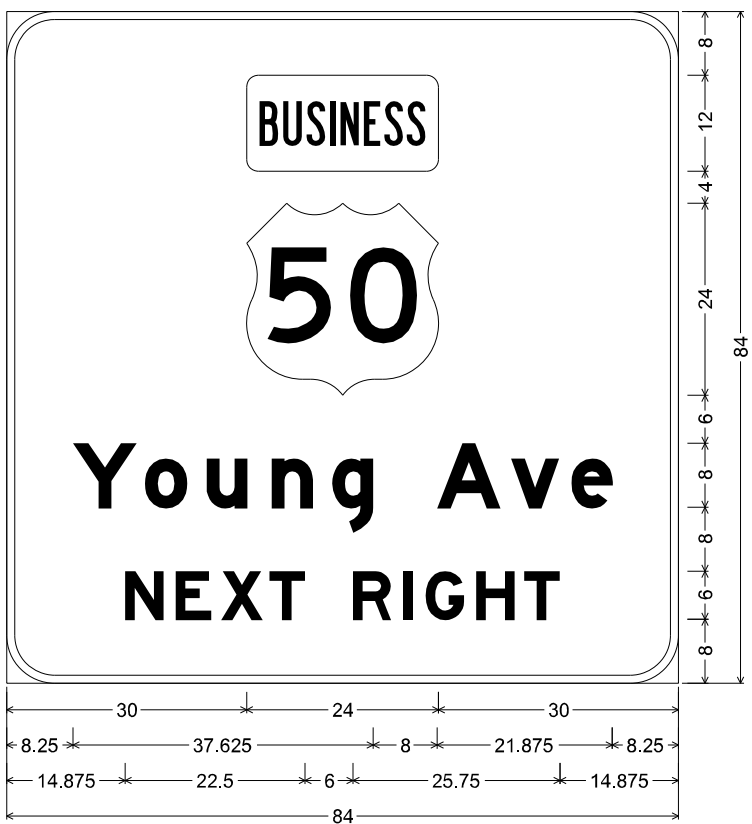
BRIDGE NO.

Table with columns: DATE, DESCRIPTION

Missouri Highways and Transportation Commission logo and address: 105 WEST CAPITOL JEFFERSON CITY, MO 65102

Bartlett & West logo and address: 601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101

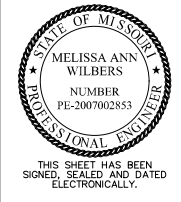
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



D3-2 ST-STRUCTURAL;
 6.000" Radius, 1.000" Border, White on, Green;
 "Young Ave", E Mod; "NEXT RIGHT", E Mod;
 Table of letter and object lefts

30.000									
30.000									
Y	o	u	n	g	A	v	e		
8.250	17.250	25.000	33.125	40.750	53.875	63.125	70.625		
N	E	X	T	R	I	G	H	T	
14.875	21.125	26.875	32.875	43.375	49.625	52.375	58.750	64.750	

SIGN NO.	7
STATION	1176+00
ROADWAY	EB 50 RIGHT



DATE PREPARED
11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 115

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

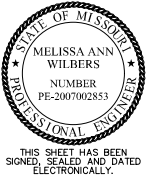
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
 601 MONROE ST. SUITE 204 - JEFFERSON CITY, MO 65101
 PHONE 877-664-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
 WWW.BARTLETTWEST.COM

SIGNING SHEET
SHEET 23 OF 23

D-31

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 116

COUNTY JOHNSON

JOB NO. JKRO136

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 204 - JEFFERSON CITY, MO 65101
PHONE 672-63-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

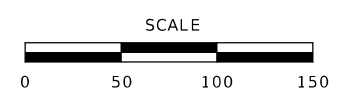
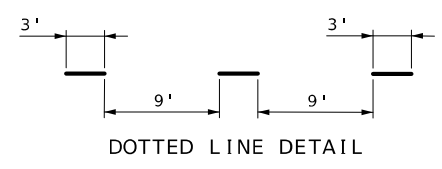
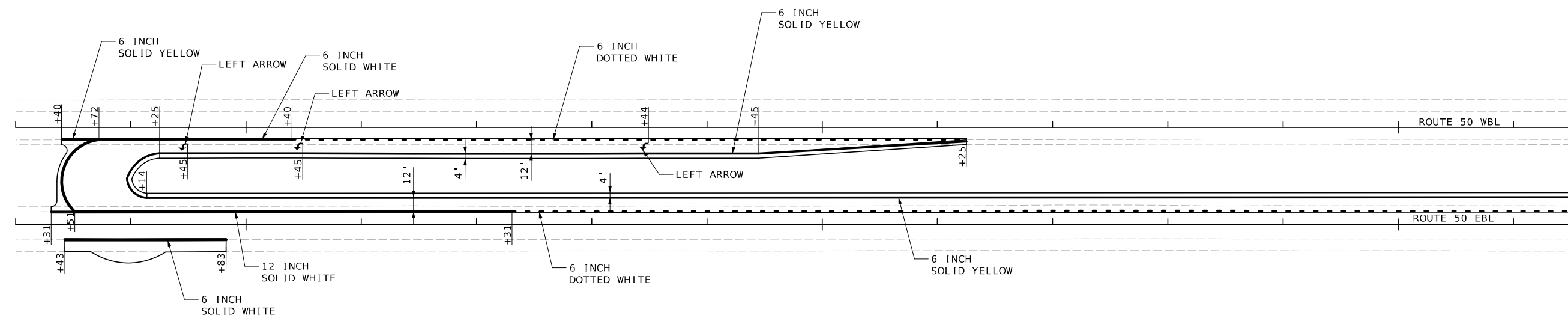
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

1000

1005

1010

MATCHLINE 1011+50



PAVEMENT MARKING SHEET 1 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

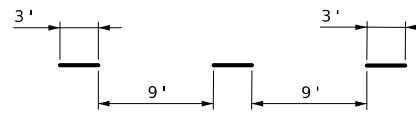
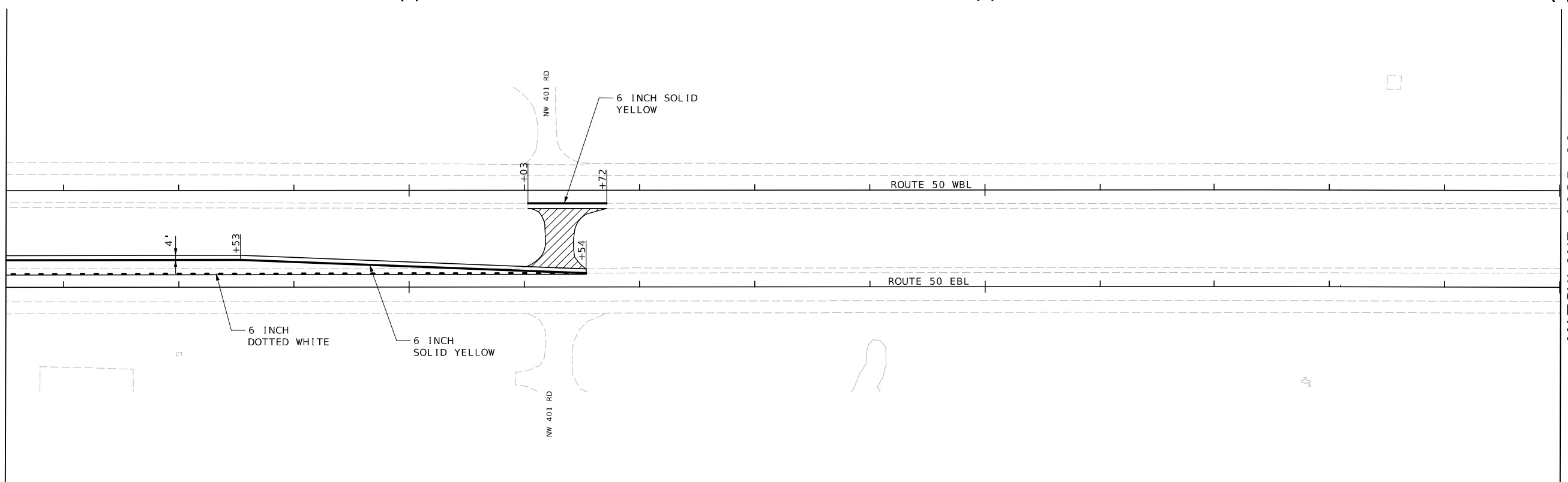
MATCHLINE 1011+50

1015

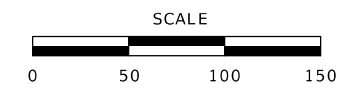
1020

1025

MATCHLINE 1025+00



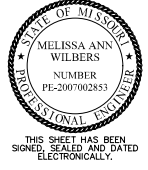
DOTTED LINE DETAIL



SCALE

PAVEMENT MARKING SHEET 2 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



DATE PREPARED 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 117

COUNTY JOHNSON

JOB NO. JKRO136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

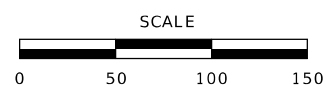
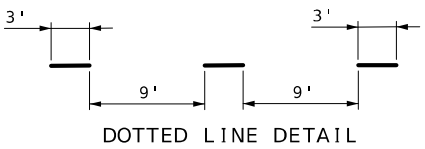
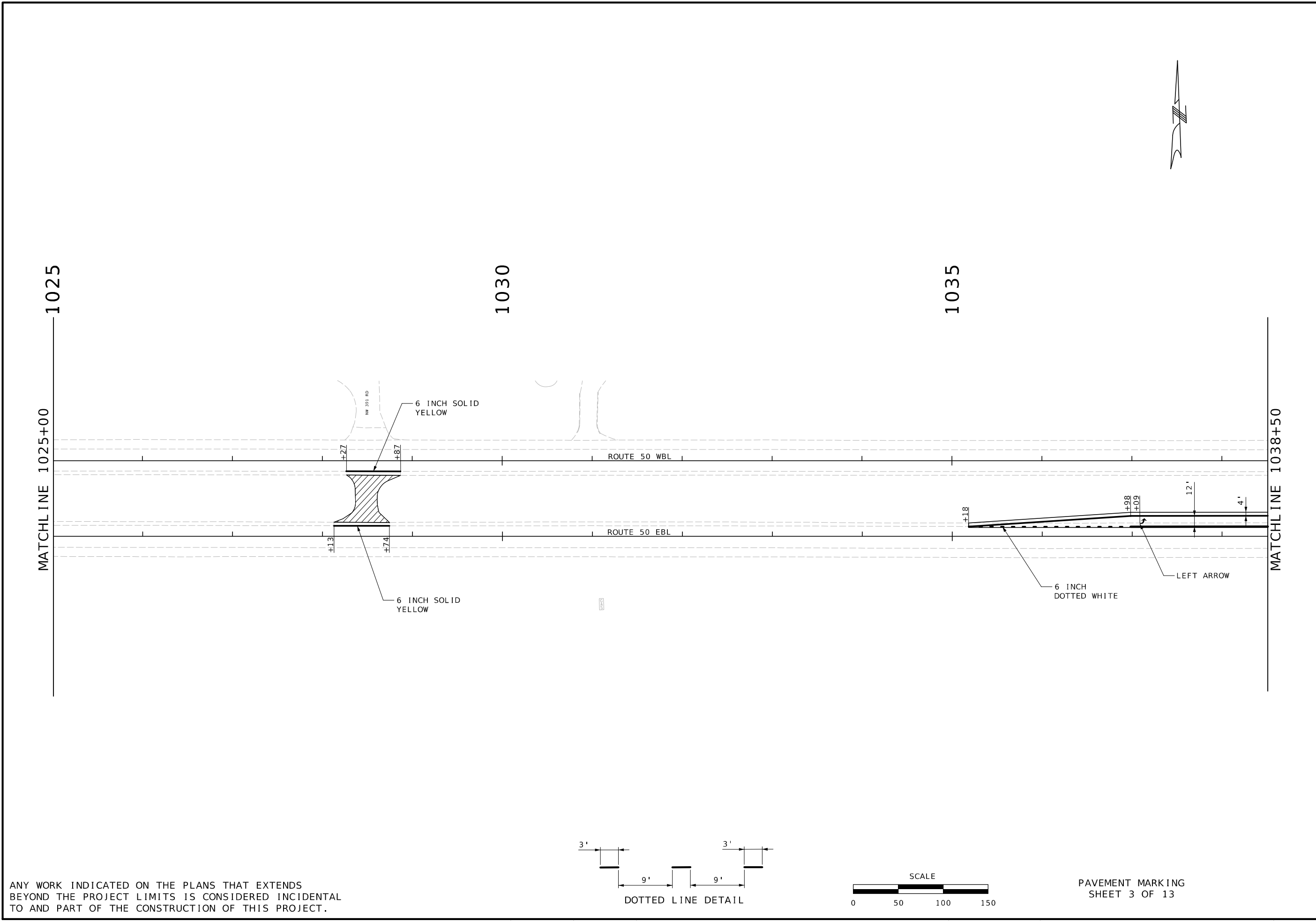
DATE	DESCRIPTION

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
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CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

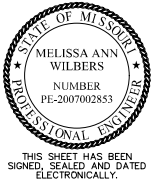


PAVEMENT MARKING
SHEET 3 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 118
COUNTY JOHNSON	
JOB NO. JKR0136	
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 872-63-5181 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING WWW.BARTLETTWEST.COM	

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DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	119

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

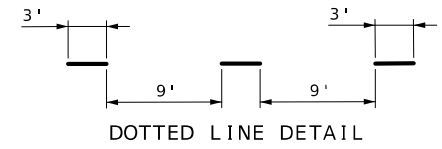
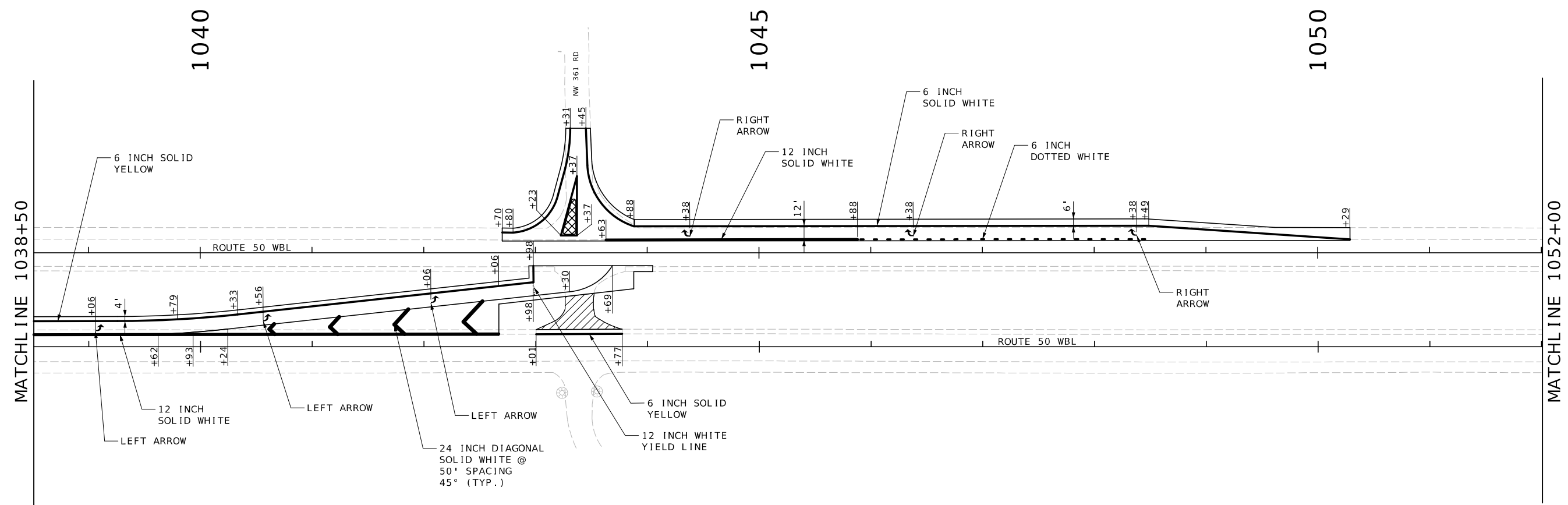
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PAVEMENT MARKING
SHEET 4 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 120

COUNTY JOHNSON

JOB NO. JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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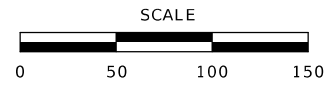
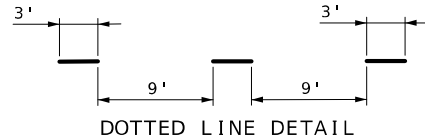
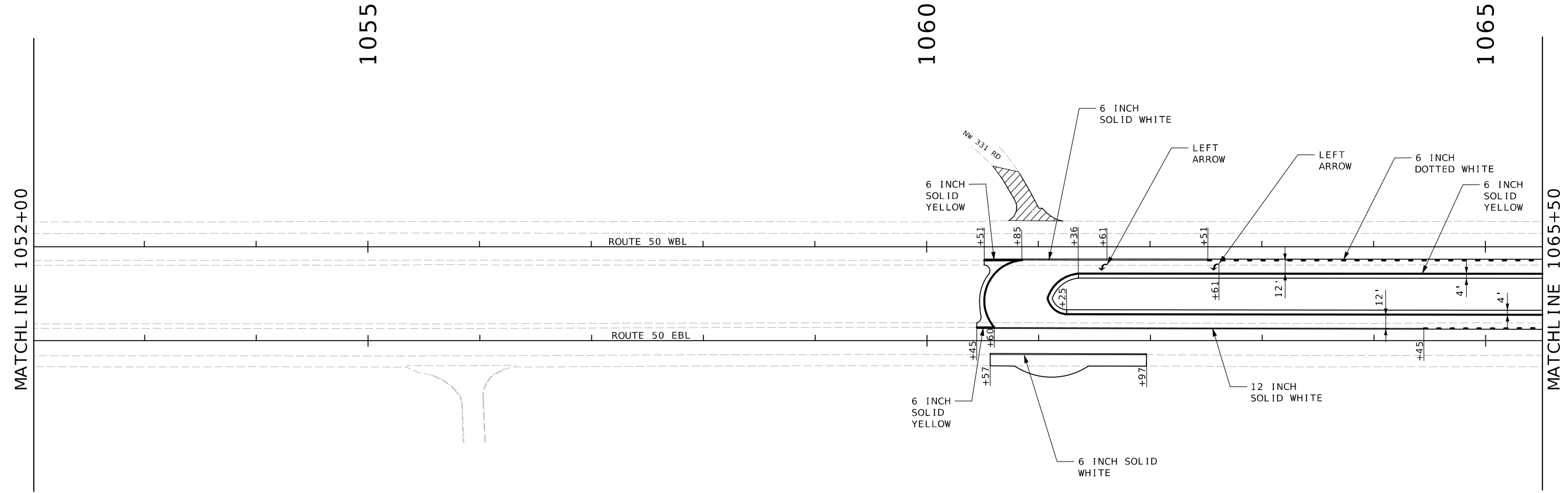
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

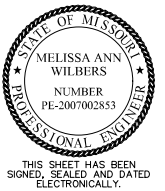
Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PAVEMENT MARKING SHEET 5 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 121

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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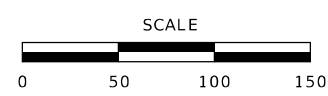
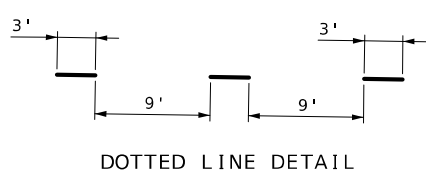
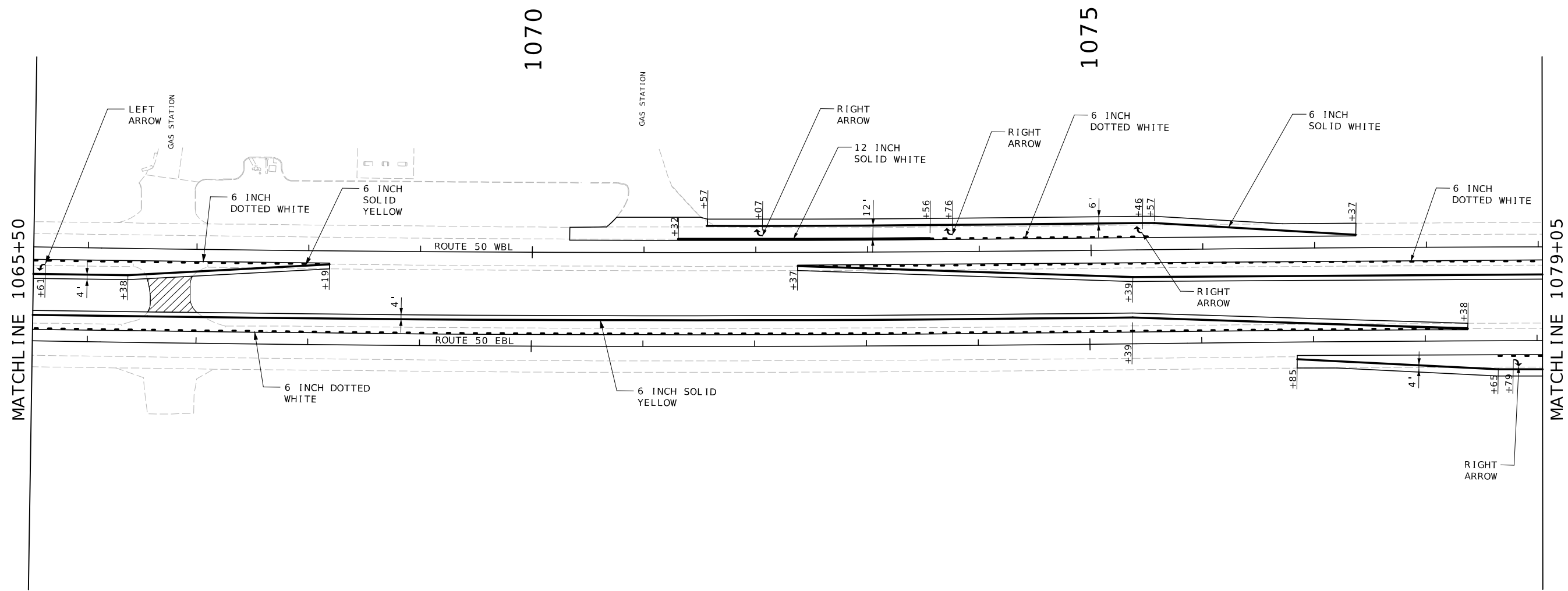
DATE

DATE

DATE

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

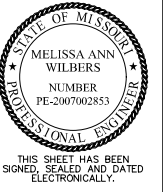


PAVEMENT MARKING SHEET 6 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

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

Bartlett & West
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PHONE 877-664-5181
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DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	122

COUNTY
JOHNSON

JOB NO.
JKR0136


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

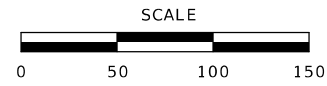
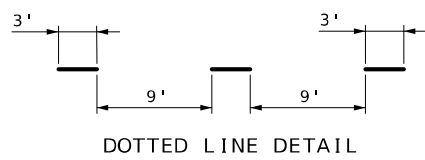
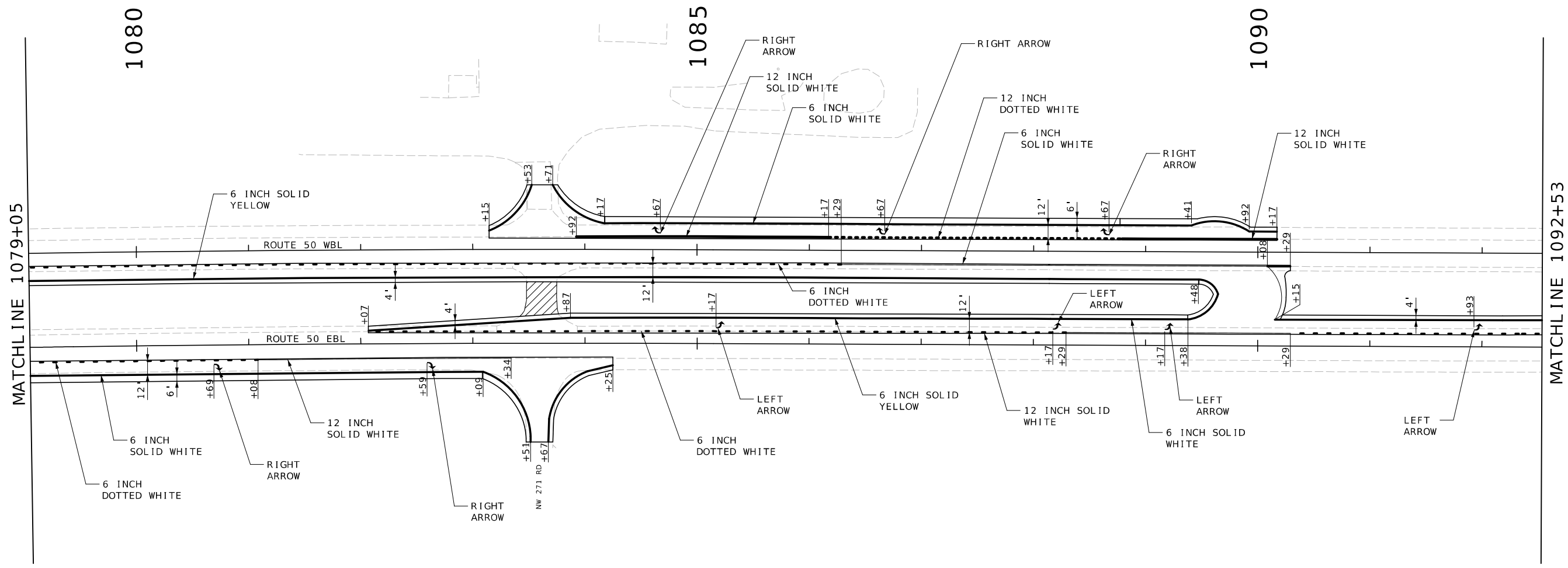


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

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PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PAVEMENT MARKING SHEET 7 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 123

COUNTY
JOHNSON

JOB NO.
JKR0136

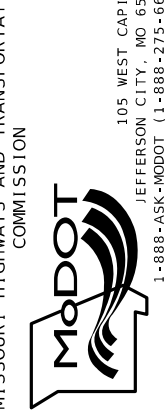
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

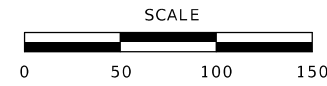
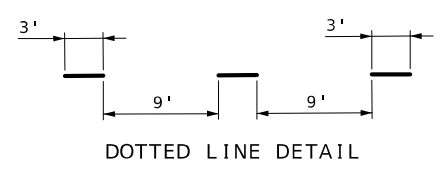
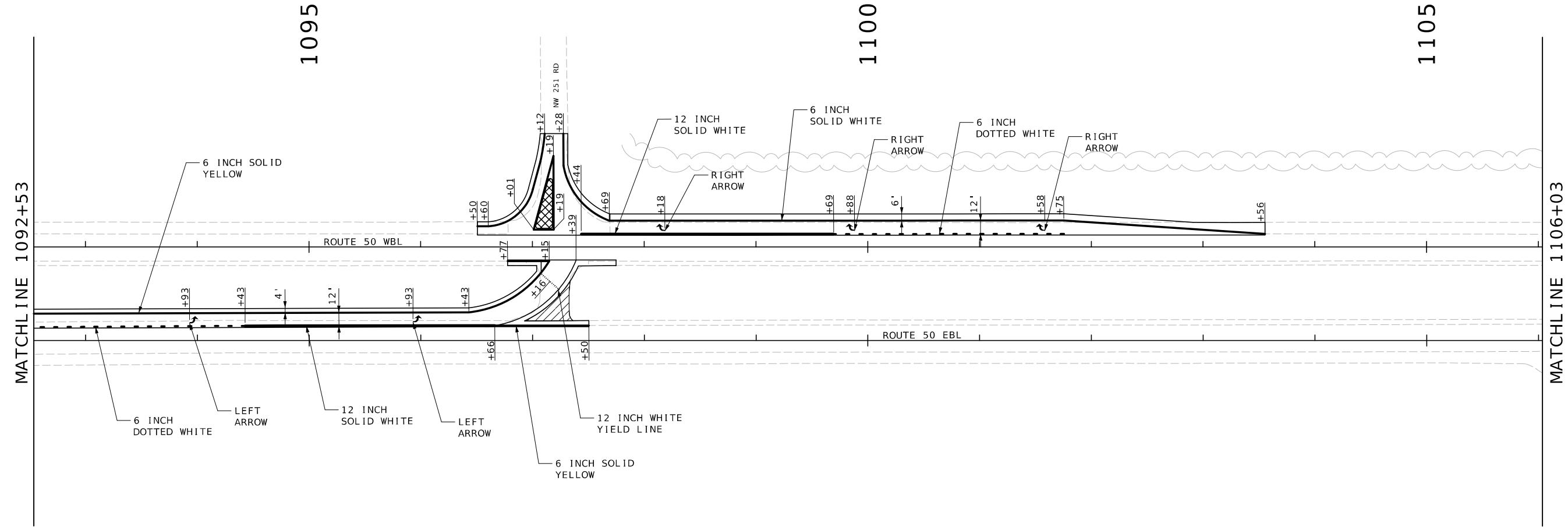
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



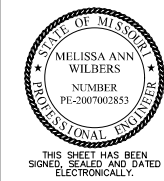
Bartlett & West
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 PHONE 872-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PAVEMENT MARKING SHEET 8 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	124

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

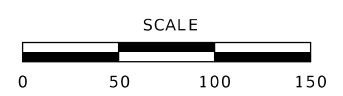
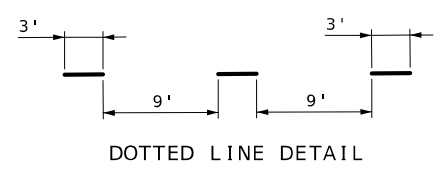
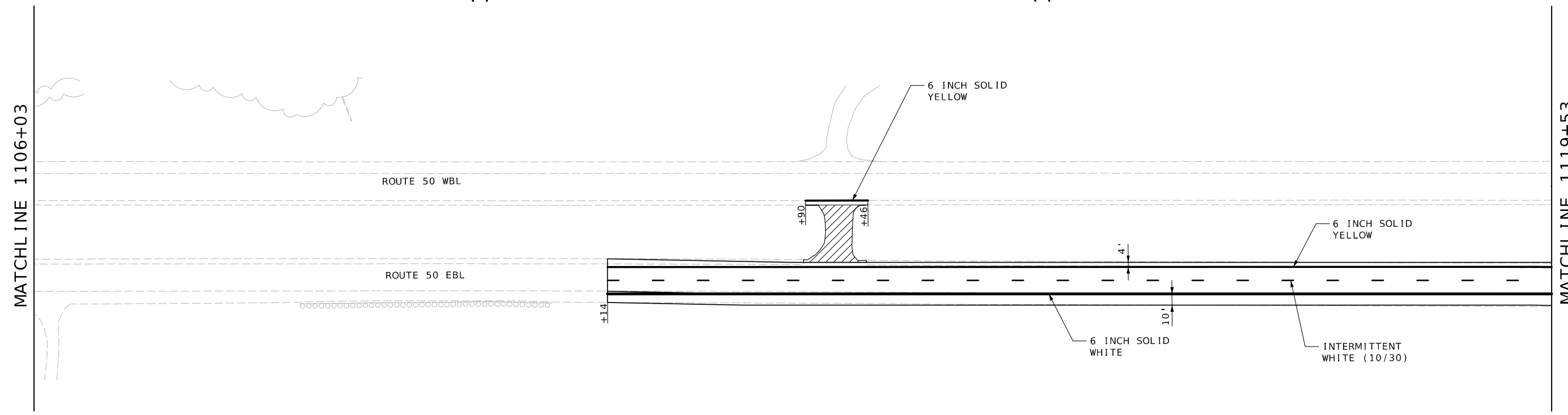
MoDOT

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

Bartlett & West

601 MONROE ST., SUITE 204 - JEFFERSON CITY, MO 65101
PHONE 673-654-5181
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PAVEMENT MARKING
SHEET 9 OF 13

- 1) CENTERLINE CHAINS NOT SHOWN FOR CLARITY.
- 2) ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



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DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 125

COUNTY
JOHNSON

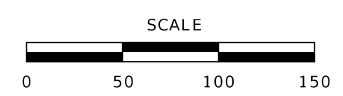
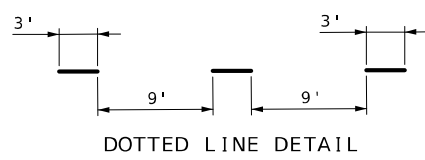
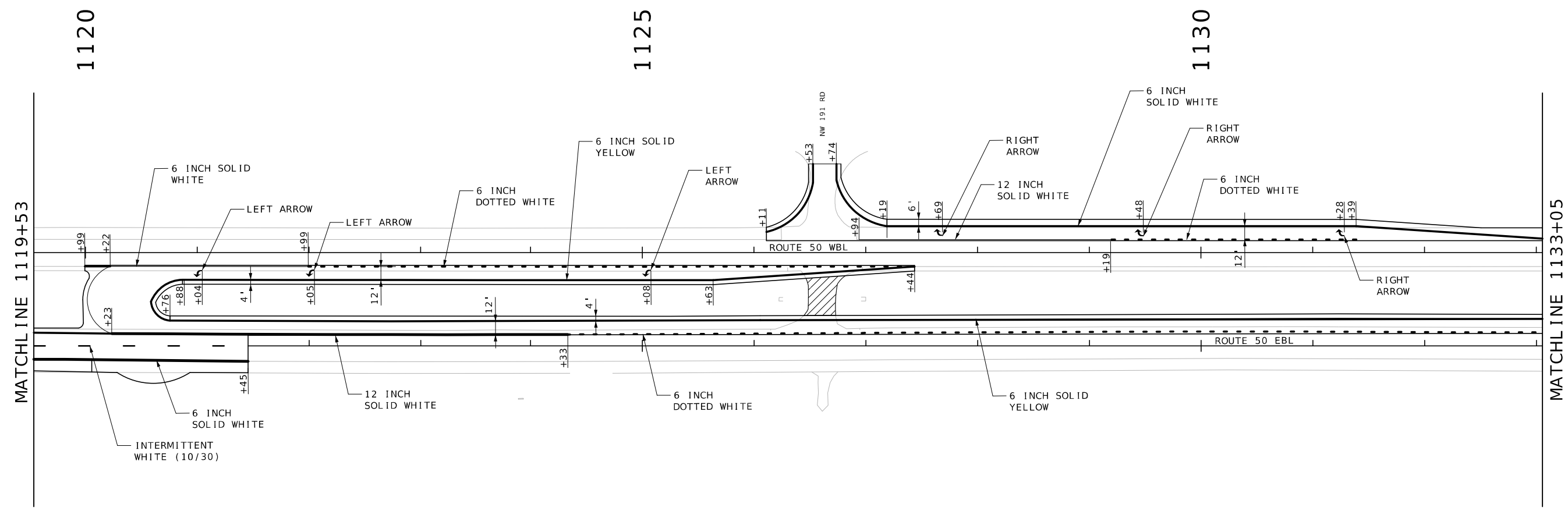
JOB NO.
JKR0136

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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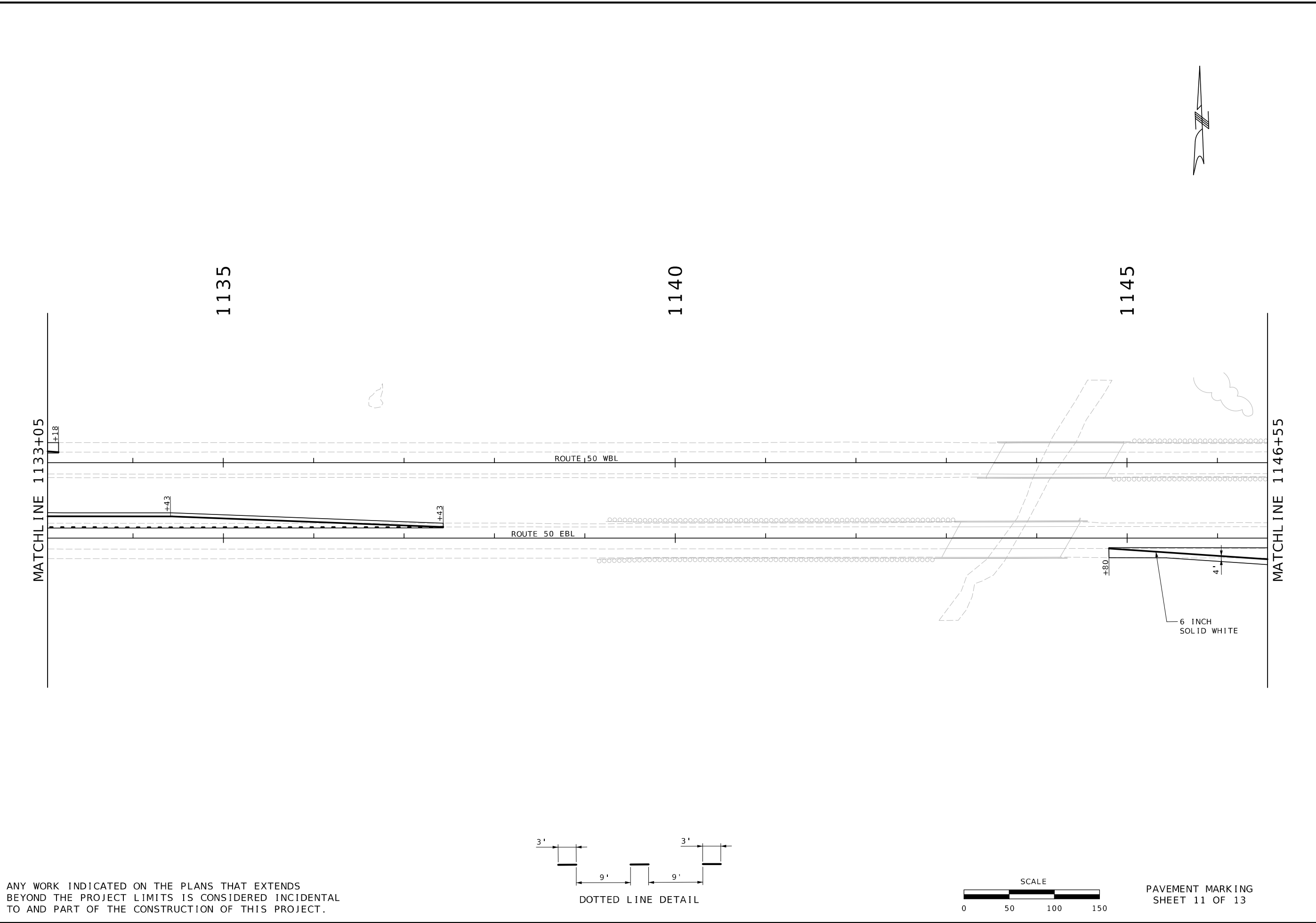
PAVEMENT MARKING SHEET 10 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

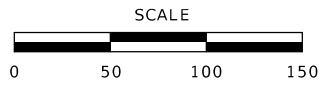
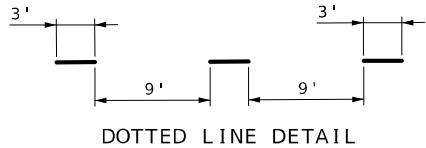
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

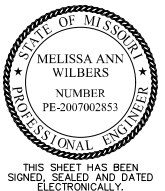
Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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PAVEMENT MARKING SHEET 11 OF 13



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 126
COUNTY JOHNSON	
JOB NO. JKR0136	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

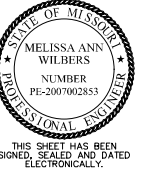
DATE	DESCRIPTION

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 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 127

COUNTY JOHNSON

JOB NO. JKR0136

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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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101

PHONE 877-654-5181

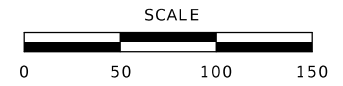
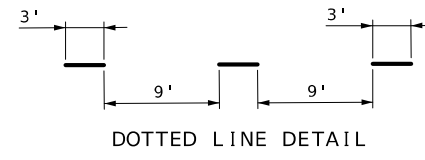
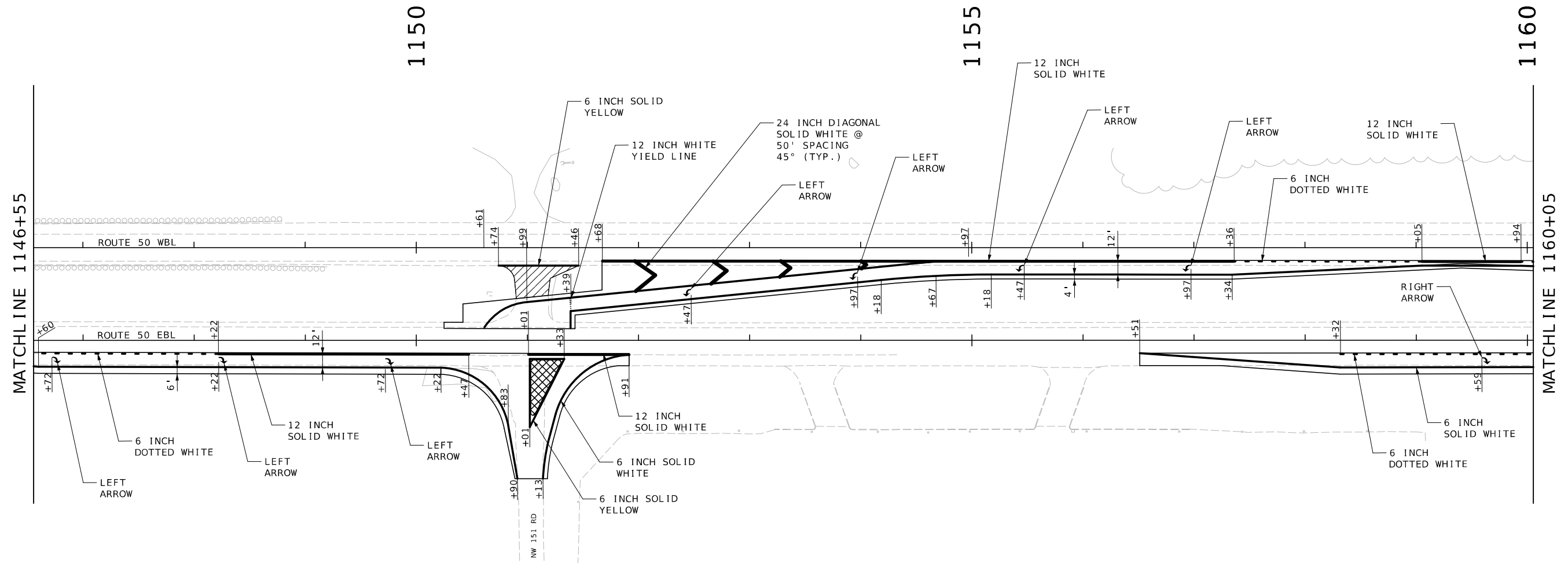
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING

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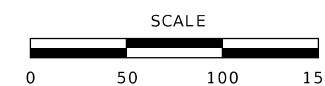
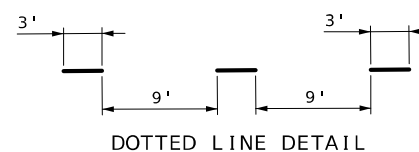
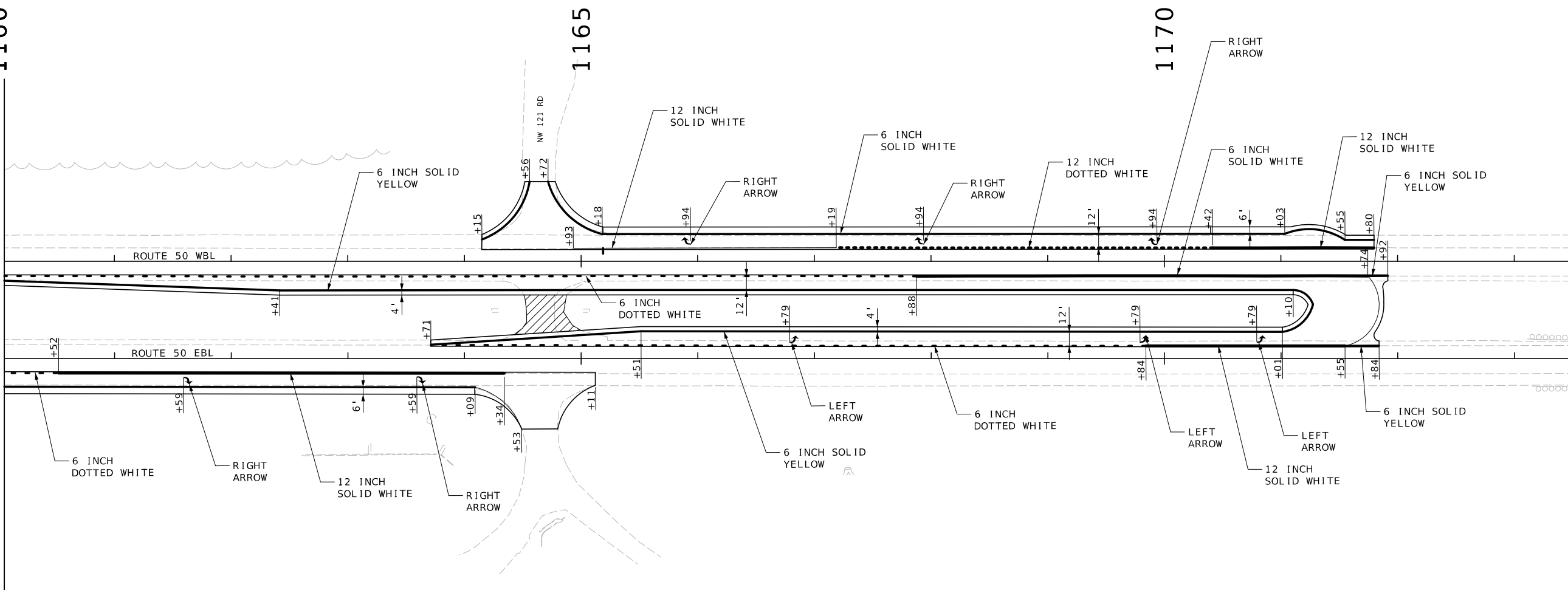
PAVEMENT MARKING SHEET 12 OF 13

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



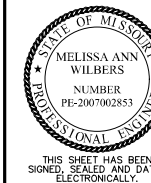
ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

MATCHLINE 1160+05 1160



PAVEMENT MARKING SHEET 13 OF 13

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 128
COUNTY JOHNSON
JOB NO. JKR0136
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 873-634-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 129

COUNTY
JOHNSON

JOB NO.
JKR0136

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

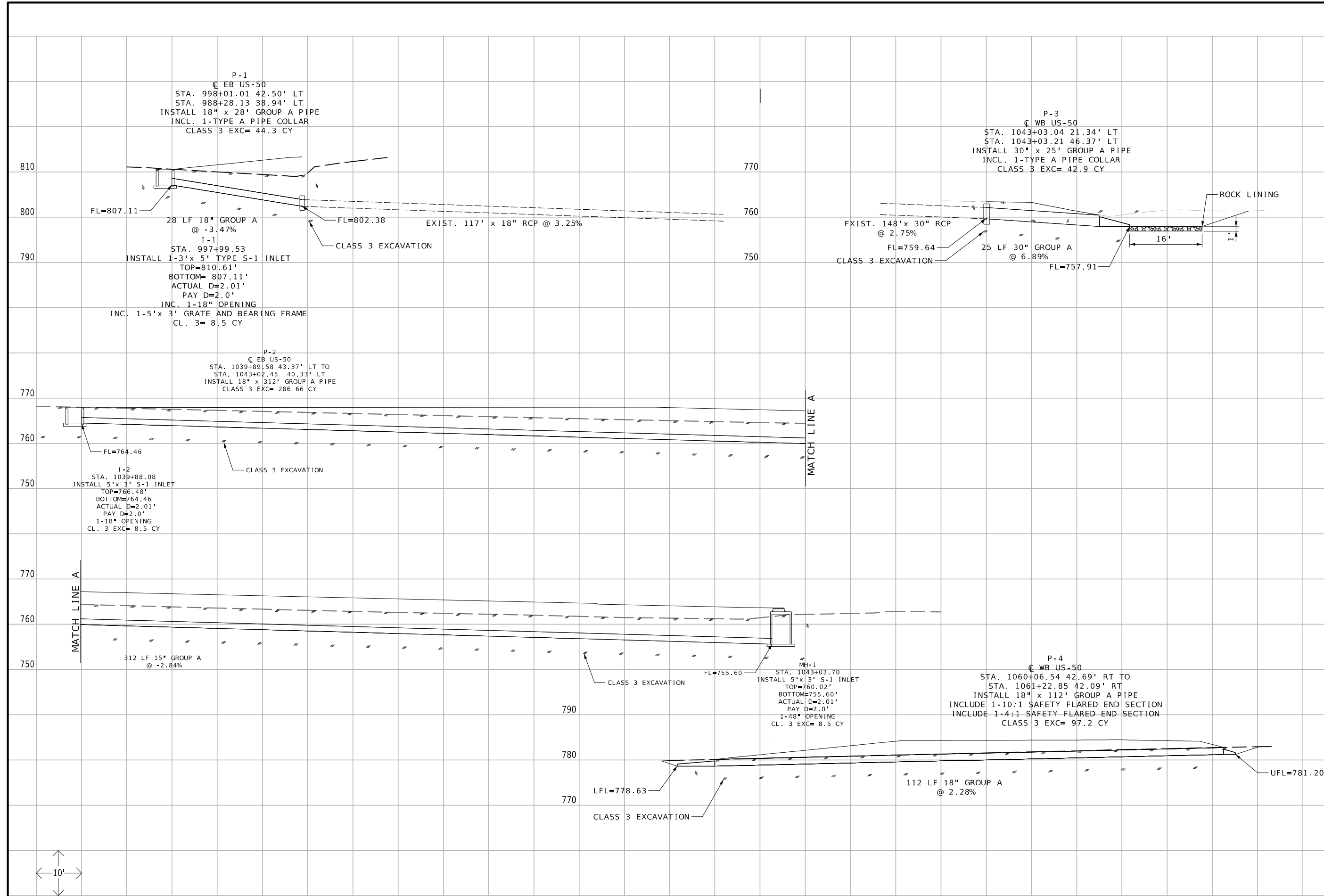
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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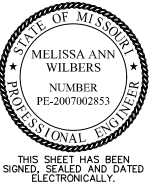
CULVERT SECTIONS SHEET

SHEET 1 OF 4

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 130

COUNTY
JOHNSON

JOB NO.
JKR0136

CONTRACT ID.

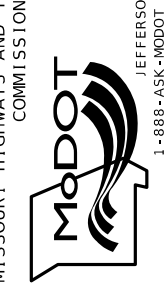
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BRIDGE NO.

DESCRIPTION

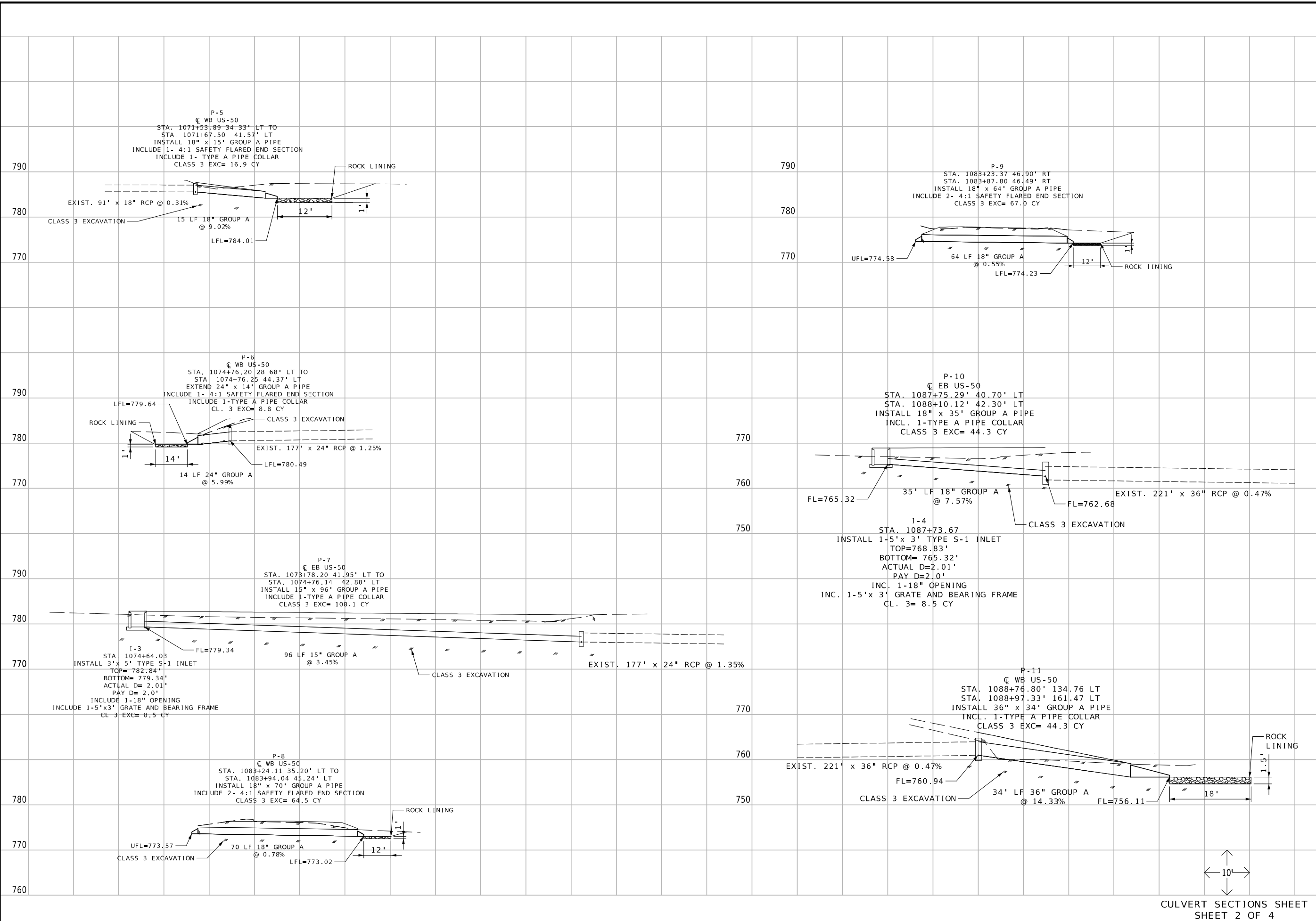
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

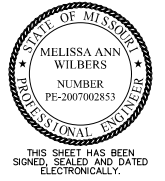


Bartlett & West
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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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CULVERT SECTIONS SHEET
SHEET 2 OF 4



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 131

COUNTY JOHNSON
JOB NO. JKR0136
CONTRACT ID.

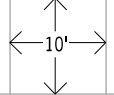
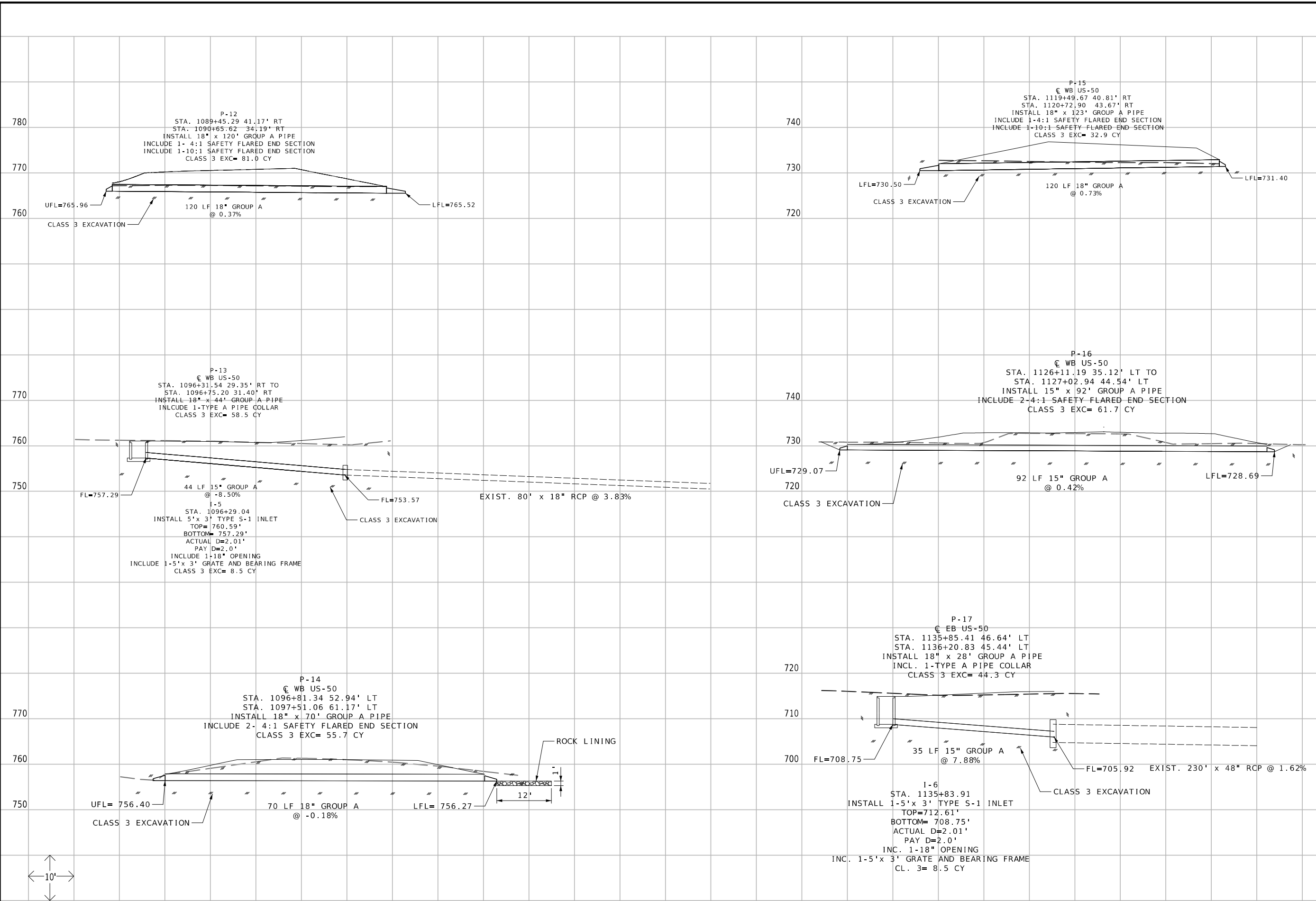
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

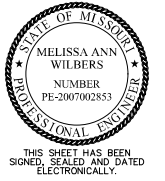
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-634-5181
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CULVERT SECTIONS SHEET
SHEET 3 OF 4

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024
ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 132

COUNTY JOHNSON
JOB NO. JKRO136
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

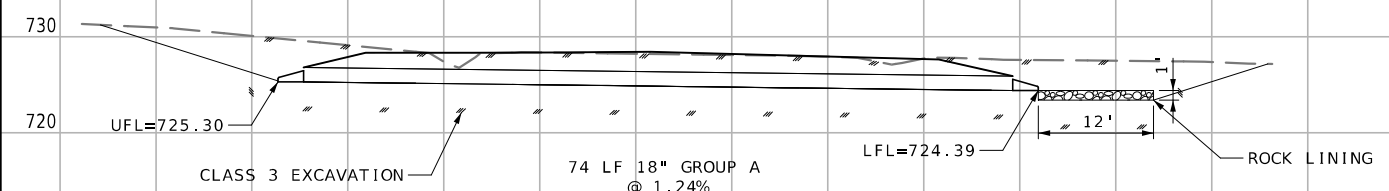
DESCRIPTION	DATE

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

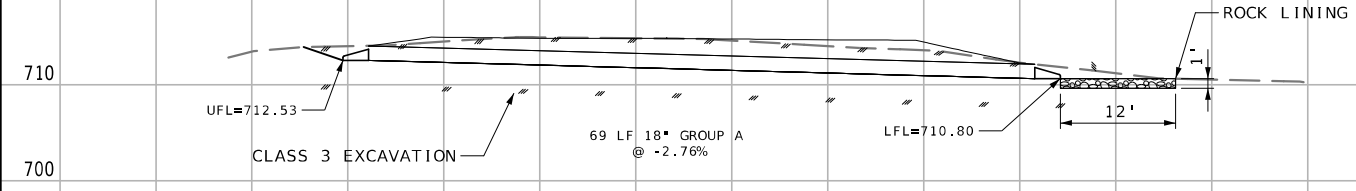
Bartlett & West
601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

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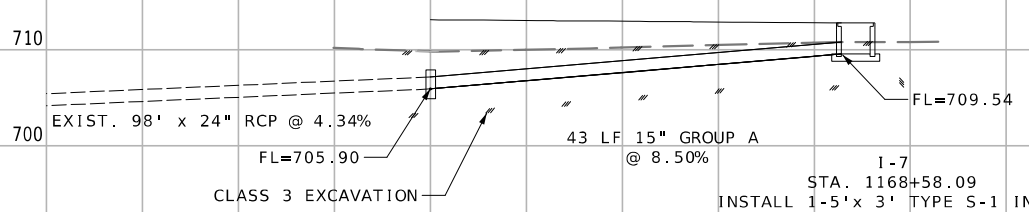
P-18
C EB US-50
STA. 1150+63.98 60.0' RT
STA. 1151+37.90 60.7' RT
INSTALL 18" x 74' GROUP A PIPE
INCLUDE 2- 4:1 SAFETY FLARED END SECTION
CL. 3 EXC= 93.8 CY



P-19
C WB US-50
STA. 1164+33.13 40.50' LT
STA. 1165+02.02 49.44' LT
INSTALL 18" x 69' GROUP A PIPE
INCLUDE 2- 4:1 SAFETY FLARED END SECTION
CLASS 3 EXC= 33.7 CY

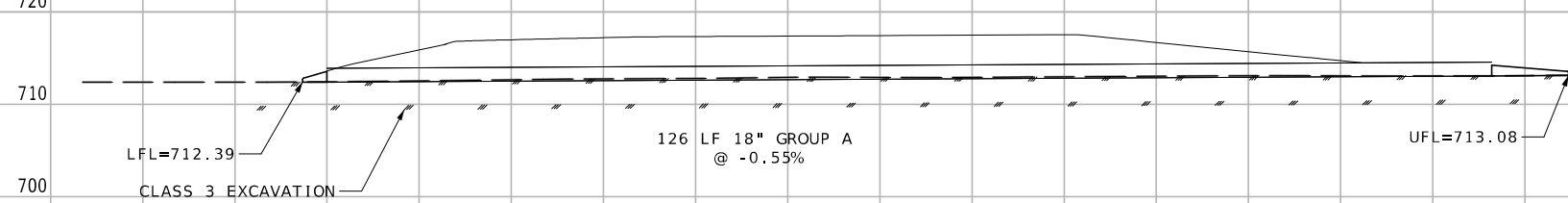


P-21
C EB US-50
STA. 1168+56.66 40.05' LT
STA. 1168+99.30 40.58' LT
INSTALL 15" x 43' GROUP A PIPE
INCL. 1-TYPE A PIPE COLLAR
CLASS 3 EXC= 44.3 CY

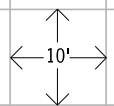
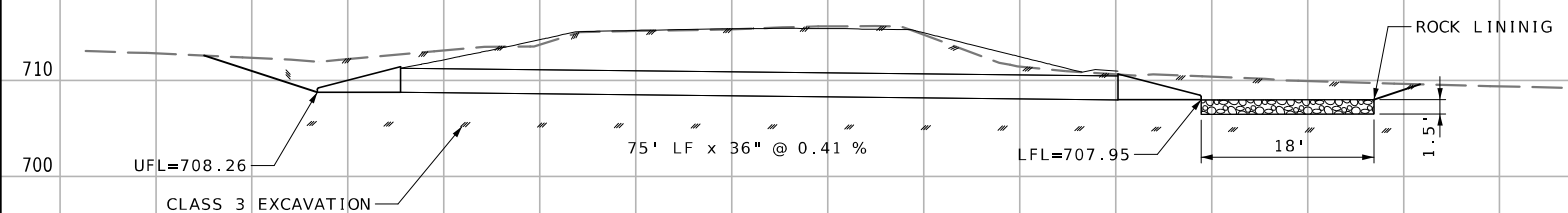


1-7
STA. 1168+58.09
INSTALL 1-5' x 3' TYPE S-1 INLET
TOP=712.77'
BOTTOM=709.54'
ACTUAL D=2.01'
PAY D=2.0'
INC. 1-18" OPENING
INC. 1-5' x 3' GRATE AND BEARING FRAME
CL. 3= 8.5 CY

P-22
C WB US-50
STA. 1171+06.11 44.61' RT
STA. 1172+32.28 44.97' RT
INSTALL 18" x 126' GROUP A PIPE
INCLUDE 1- 4:1 SAFETY FLARED END SECTION
INCLUDE 1-10:1 SAFETY FLARED END SECTION
CL 3 EXC= 50.7 CY



P-20
C EB US-50
STA. 1164+27.91 53.62' RT
STA. 1165+02.24 57.33' RT
INSTALL 36" x 75' GROUP A PIPE
INCLUDE 2-4:1 FLARED END SECTION
CLASS 3 EXC= 88.7 CY



DESIGN DESIGNATION

A.A.D.T. - 2025 = 17,300
 A.A.D.T. - 2045 = 18,800
 D.H.V. = 1700
 T = 11%
 V = 65 M.P.H.

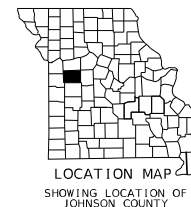
FUNCTIONAL CLASSIFICATION - EXPRESSWAY

**NO NEW R/W REQUIRED
 NO CONSTRUCTION EASEMENTS
 REQUIRED**

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY JOHNSON COUNTY

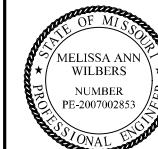


NOT TO SCALE



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-9
REFERENCE POINTS (RP)-----	10
COORDINATE POINTS (CP)-----	11
SPECIAL SHEETS (SS)-----	12
TRAFFIC CONTROL SHEETS (TC)-----	13-19
EROSION CONTROL SHEETS (EC)-----	20-22
LIGHTING (LT)-----	23
SIGNING (SN)-----	24-32
PAVEMENT MARKING (PM)-----	33-35
CULVERT SECTIONS (CS)-----	36
CROSS SECTIONS (XS)-----	1-34



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
 11/20/2024

ROUTE STATE
 50 MO

DISTRICT SHEET NO.
 KC 1

COUNTY
 JOHNSON

JOB NO.
 JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

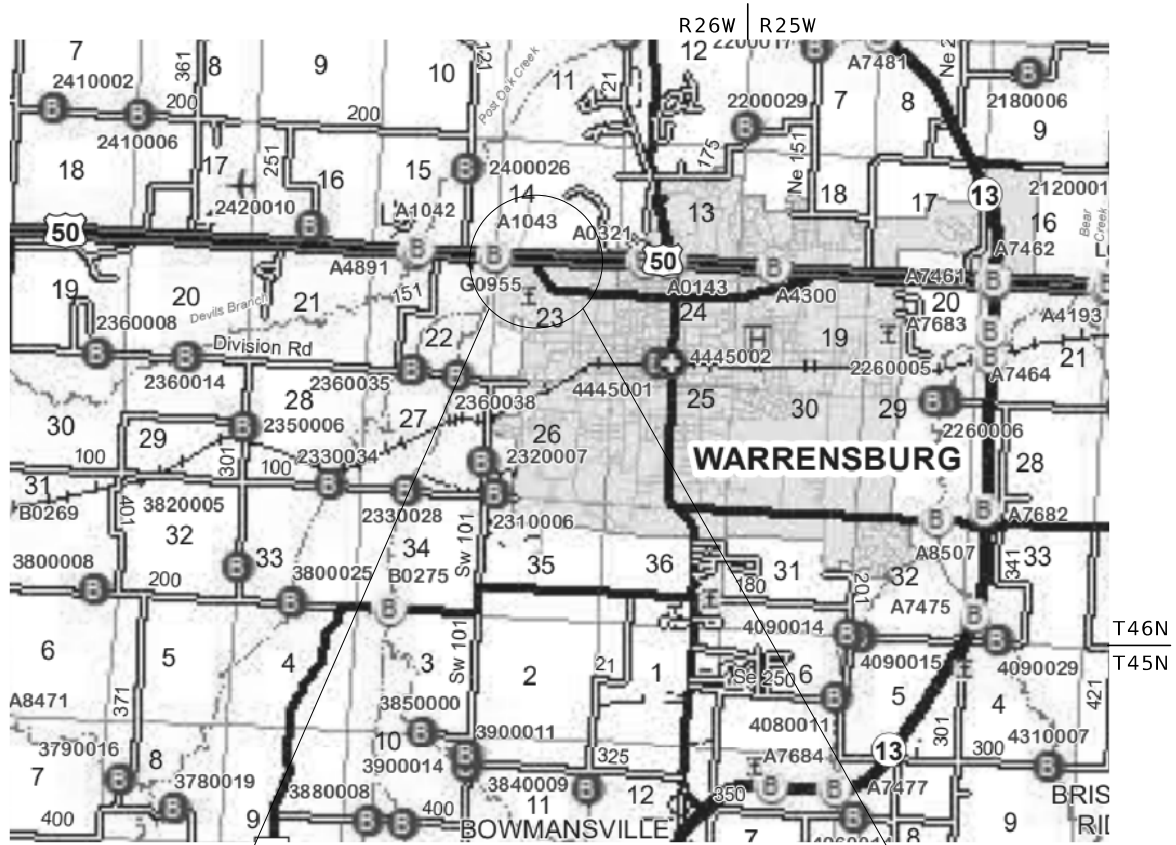
LENGTH OF PROJECT

US-50:	
BEGINNING OF PROJECT	STA. 00+00.00
END OF PROJECT	STA. 45+00.00
APPARENT LENGTH	4500.00 FEET
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.0 FEET
NET LENGTH OF PROJECT	4500.00 FEET
STATE LENGTH	0.852 MILES

(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		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



BEGIN PROJECT STA. 00+00.00
END PROJECT STA. 45+00.00

PROJECT LIMITS
 INTERSECTION IMPROVEMENTS,
 DOWNSTREAM MEDIAN OPENINGS (J-TURNS),
 GRADING, PAVING, LIGHTING, DRAINAGE

DISCLAIMER:
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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.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



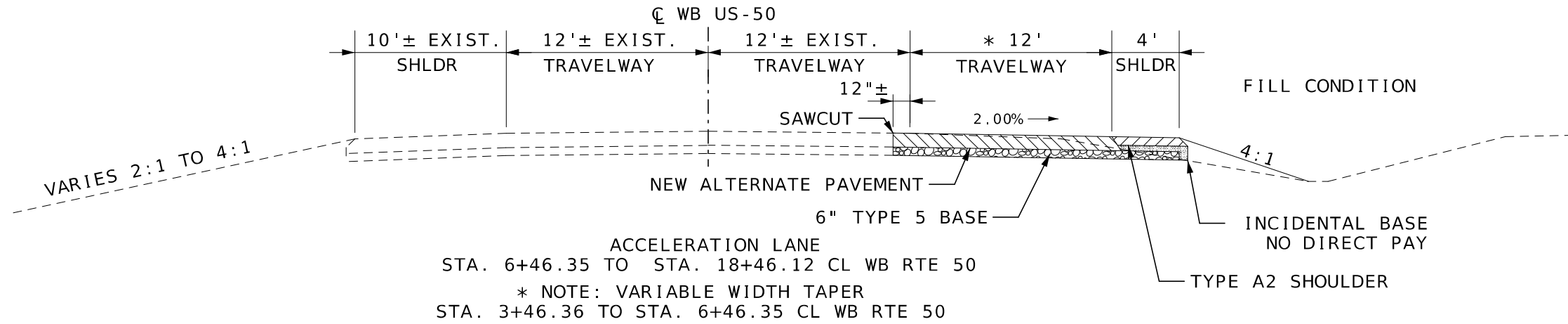
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



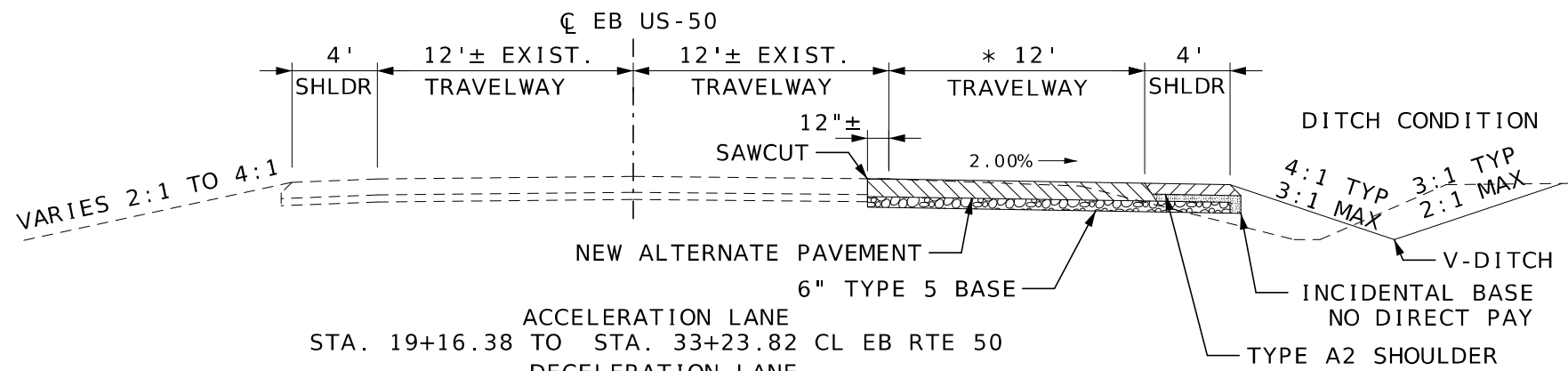
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 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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US-50 TYPICAL SECTION (LOOKING EAST)

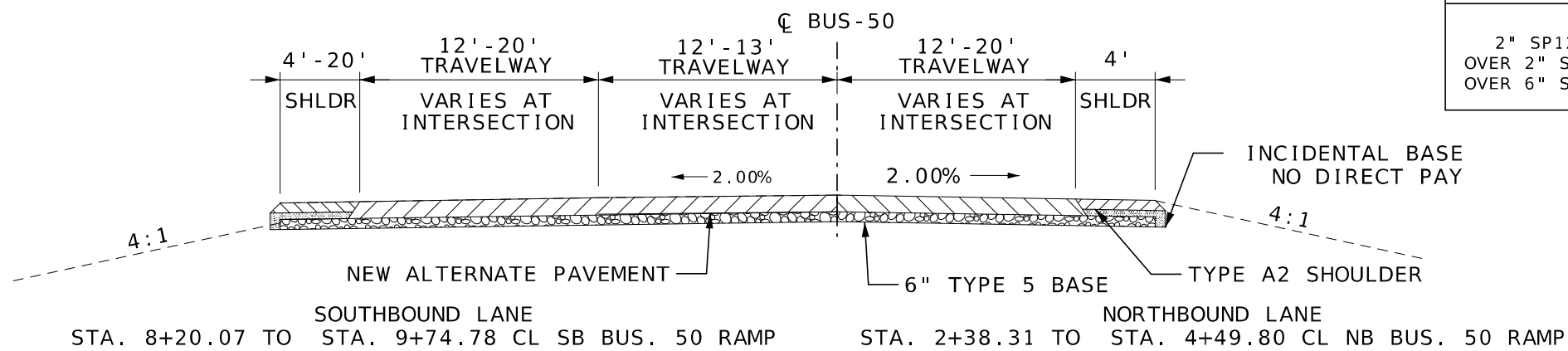


ACCELERATION LANE
STA. 6+46.35 TO STA. 18+46.12 CL WB RTE 50
* NOTE: VARIABLE WIDTH TAPER
STA. 3+46.36 TO STA. 6+46.35 CL WB RTE 50



ACCELERATION LANE
STA. 19+16.38 TO STA. 33+23.82 CL EB RTE 50
DECELERATION LANE
STA. 8+83.59 TO STA. 12+73.27 CL EB RTE 50
* NOTE: VARIABLE WIDTH TAPER
STA. 7+03.75 TO STA. 8+83.59 CL EB RTE 50
STA. 33+23.82 TO STA. 36+23.68 CL EB RTE 50

ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22

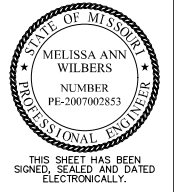


SOUTHBOUND LANE
STA. 8+20.07 TO STA. 9+74.78 CL SB BUS. 50 RAMP
NORTHBOUND LANE
STA. 2+38.31 TO STA. 4+49.80 CL NB BUS. 50 RAMP

EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

- (1) SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.
- (2) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION
- (3) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE 1-ASPHALT
TYPICAL SECTION
SHEET 1 OF 1



DATE PREPARED
1/3/2025

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

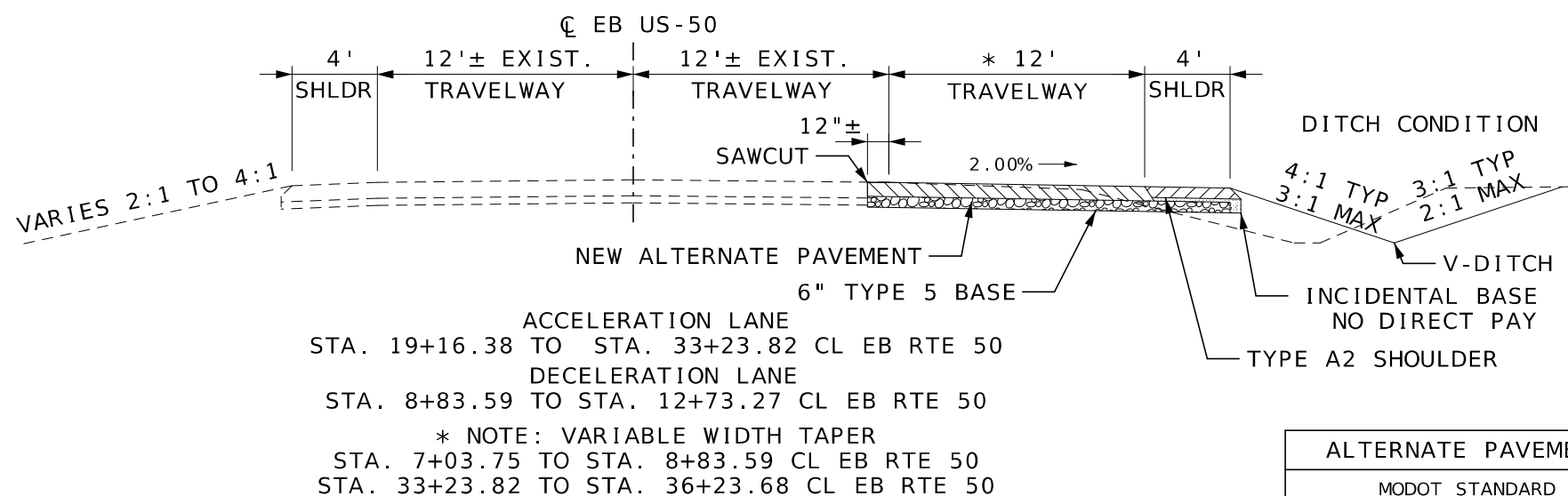
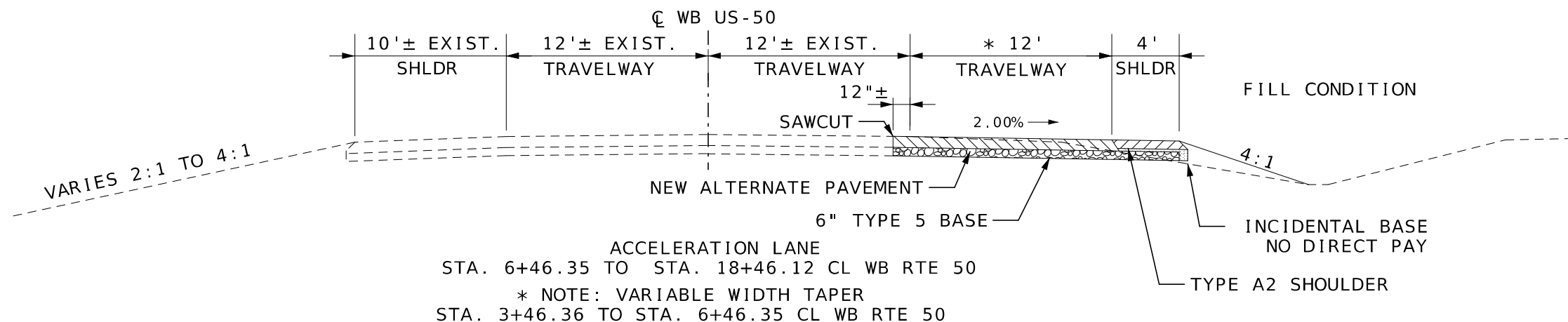
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

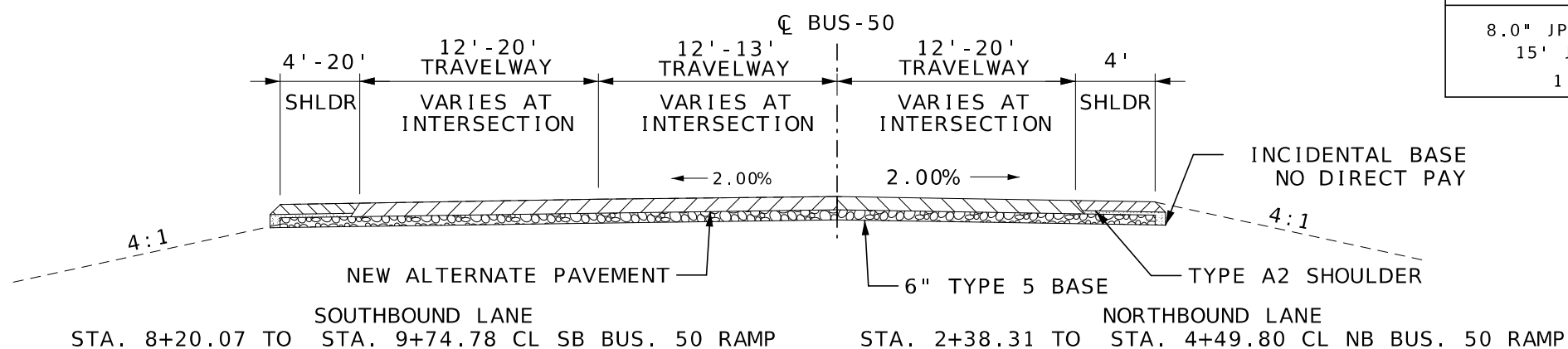
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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US-50 TYPICAL SECTION (LOOKING EAST)



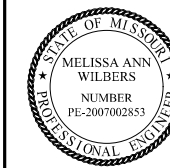
ALTERNATE PAVEMENT	
MODOT STANDARD	
CONCRETE	
8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	



EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
		2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22		

- (1) SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.
- (2) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION
- (3) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE J-CONCRETE
TYPICAL SECTION
SHEET 1 OF 1



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
1/3/2025

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

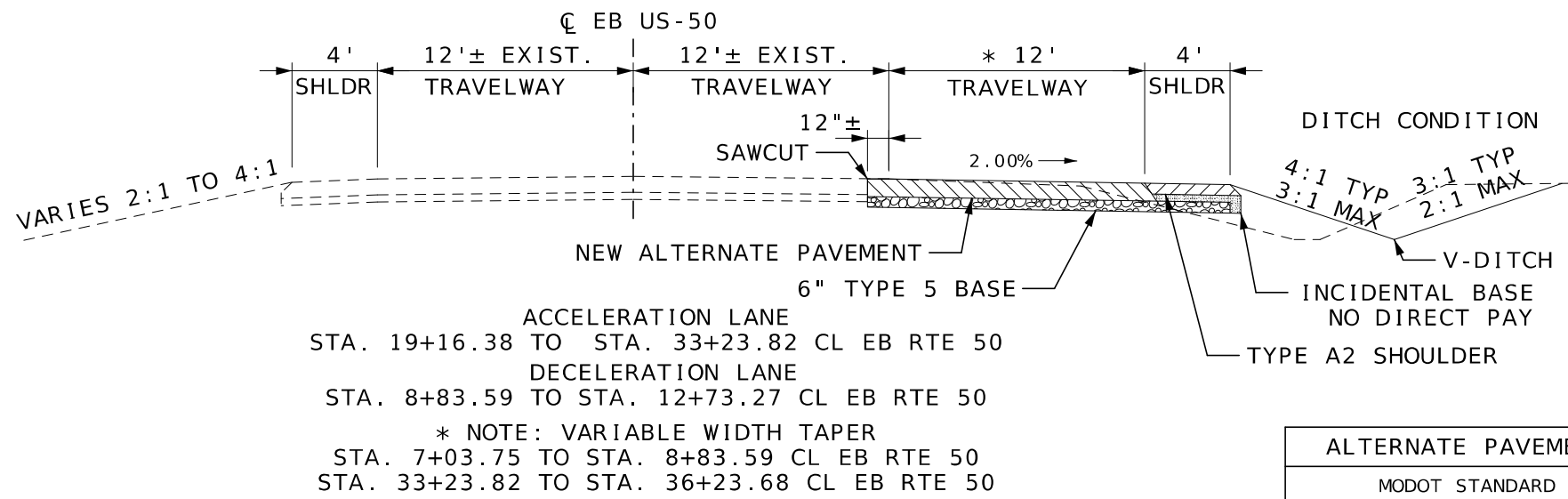
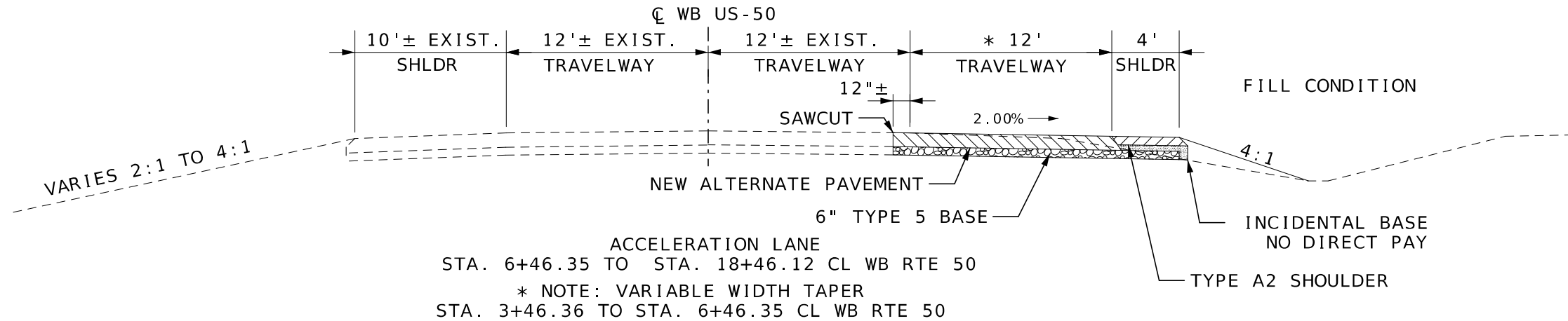
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

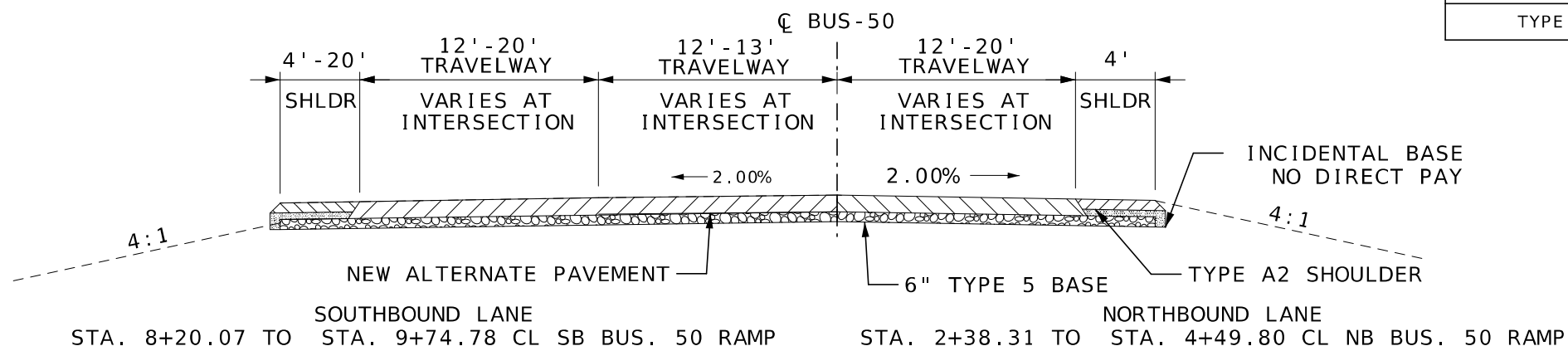


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US-50 TYPICAL SECTION (LOOKING EAST)



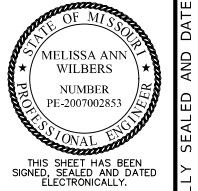
ALTERNATE PAVEMENT
MODOT STANDARD
ASPHALT
TYPE A2 SHOULDER



EQUIVALENT PAVEMENT DESIGN				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA 2" SP125C W/PG 70-22 OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH

- (1) SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.
- (2) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION
- (3) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE K-ASPHALT SHOULDER
TYPICAL SECTION
SHEET 1 OF 1



DATE PREPARED 1/3/2025	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY JOHNSON	
JOB NO. JKR0137	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

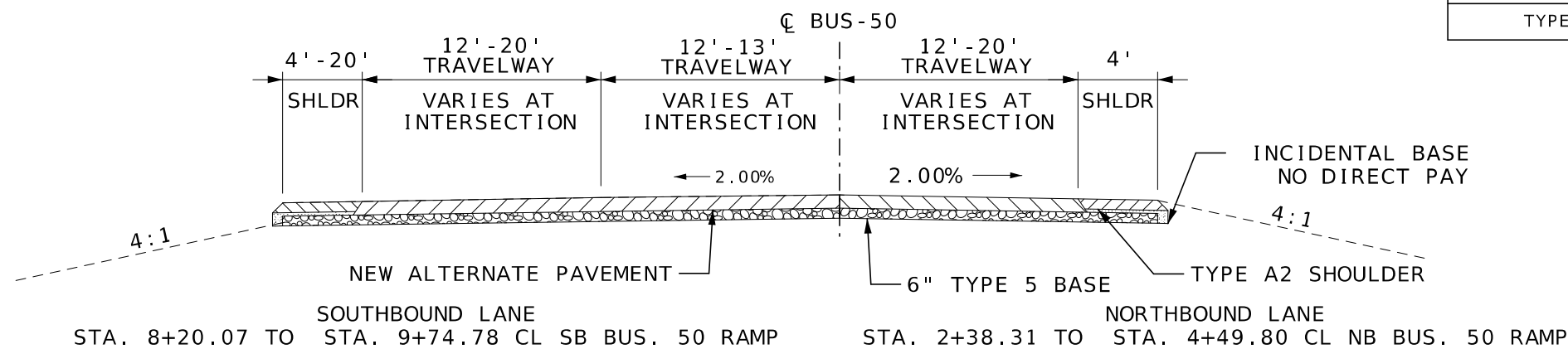
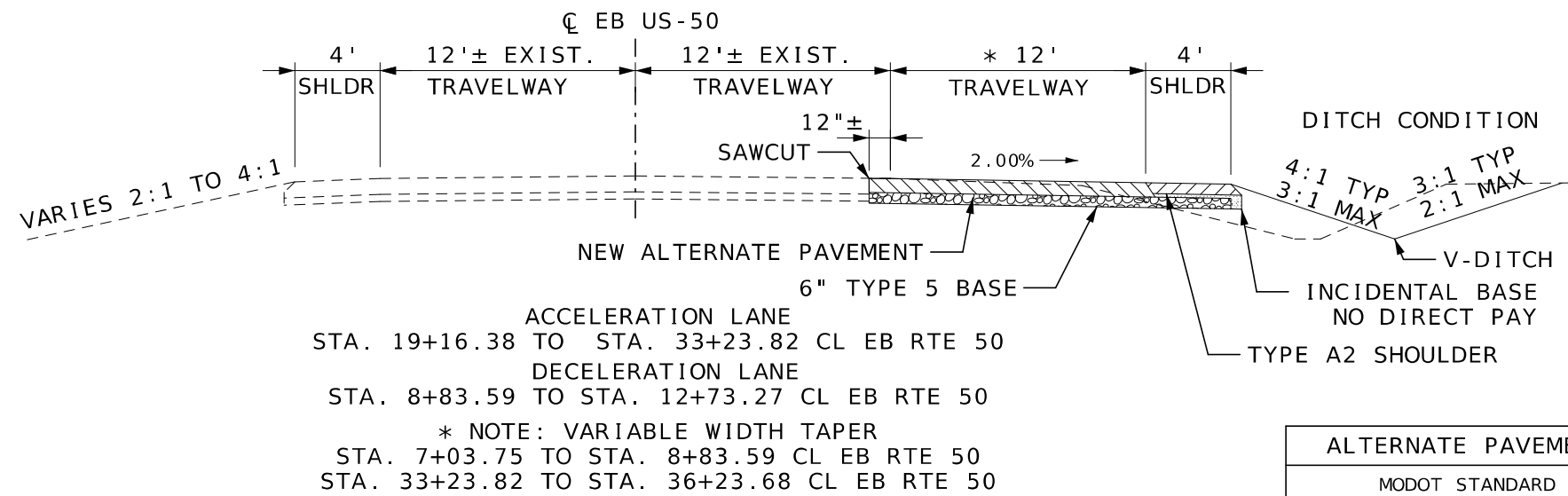
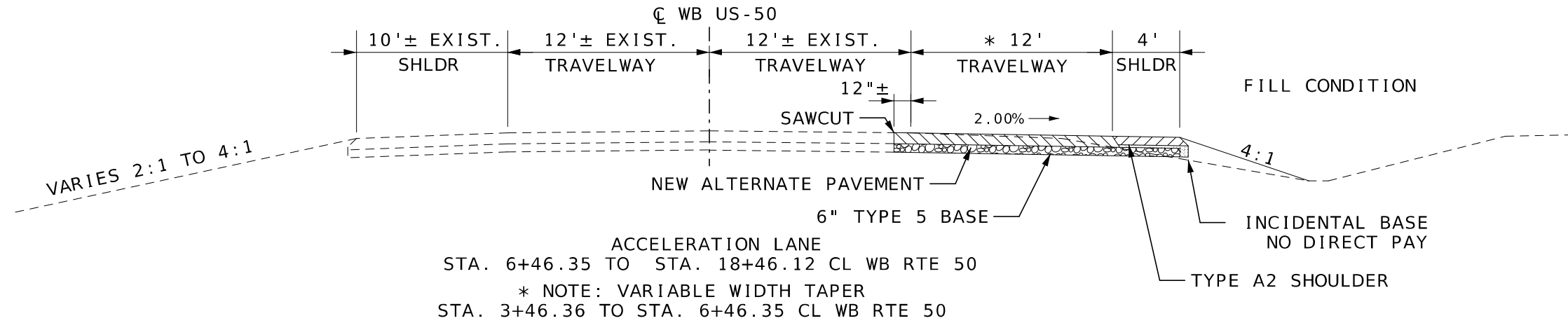
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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US-50 TYPICAL SECTION (LOOKING EAST)

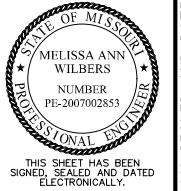


LOCATION	BASE TYPE	EQUIVALENT PAVEMENT DESIGN		
		HMA DESIGN	PCCP DESIGN	SHOULDERS
VARIOUS RTES J-TURNS	6" TYPE 5 AGGREGATE BASE	10" HMA	8.0" JPCP WIDENED SLAB 15' JOINT SPACING 1 1/4" DOWELS	A2 OR FULL DEPTH
		2" SP125C W/PG 70-22		
		OVER 2" SP125C W/PG 70-22 OVER 6" SP250C W/PG 64-22		

- (1) SEE STD PLAN 619.10 FOR SAFETY EDGE DETAIL.
- (2) DESIGNED PAVEMENT THICKNESS BASE ON FULL DEPTH PAVEMENT WIDTH EXTENDED A MINIMUM OF 1.5' BEYOND THE STRIPED EDGE LINE LOCATION
- (3) SHOULDERS 4' OR LESS IN WIDTH MAY BE CONSTRUCTED AS FULL DEPTH AS PART OF TRAVEL WAY

ALTERNATE PAVEMENT
MODOT STANDARD
CONCRETE
TYPE A2 SHOULDER

ALTERNATE L-CONCRETE SHOULDER
TYPICAL SECTION
SHEET 1 OF 1



DATE PREPARED
1/3/2025

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 2

COUNTY JOHNSON
JOB NO. JKR0137
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE



REMOVAL OF IMPROVEMENTS						
ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	REMARKS
WB US-50	3+46.47	18+46.12	MEDIAN	SAWCUT	1500 LF	
WB US-50	3+46.47	18+46.12	MEDIAN	SHOULDER	667 SY	
EB US-50	7+03.75	26+74.81	OUTSIDE	SAWCUT	1971 LF	
EB US-50	7+03.75	26+74.81	OUTSIDE	SHOULDER	824 SY	
EB US-50	7+03.75	14+00.00	OUTSIDE	PAVEMENT REMOVAL	988 SY	EXIST ROADWAY AND SHOULDER
SB BUS-50	4+00.00	10+07.98	RAMP	PAVEMENT REMOVAL	1277 SY	EXIST ROADWAY AND SHOULDER
NB BUS-50	0+00.00	4+96.80	RAMP	PAVEMENT REMOVAL	1950 SY	EXIST ROADWAY AND SHOULDER
EB US-50	7+83.84	-	OUTSIDE	SIGNS	1 EA	G-58
EB US-50	15+83.02	-	MEDIAN	SIGNS	1 EA	I9-1
EB US-50	15+51.60	-	MEDIAN	SIGNS	1 EA	W12-1
EB US-50	16+37.06	-	MEDIAN	SIGNS	1 EA	R5-1
EB US-50	17+19.36	-	MEDIAN	SIGNS	1 EA	R1-2
EB US-50	17+19.36	-	MEDIAN	SIGNS	1 EA	R6-1R
EB US-50	17+48.13	-	OUTSIDE	SIGNS	1 EA	R4-7
EB US-50	17+79.14	-	MEDIAN	SIGNS	1 EA	R1-2
EB US-50	17+79.14	-	MEDIAN	SIGNS	1 EA	R6-1R
EB US-50	17+79.65	-	OUTSIDE	SIGNS	1 EA	R1-1
EB US-50	18+57.88	-	OUTSIDE	SIGNS	1 EA	19-1A
EB US-50	19+70.58	-	OUTSIDE	SIGNS	1 EA	M1-4
EB US-50	25+13.78	-	OUTSIDE	SIGNS	1 EA	R2-1
EB US-50	26+90.10	-	OUTSIDE	SIGNS	1 EA	D9-27
WB US-50	16+37.12	-	MEDIAN	SIGNS	1 EA	R5-1
WB US-50	17+19.93	-	MEDIAN	SIGNS	1 EA	R1-2
WB US-50	17+19.93	-	MEDIAN	SIGNS	1 EA	R6-1R
WB US-50	17+79.21	-	MEDIAN	SIGNS	1 EA	R5-1
WB US-50	17+79.21	-	MEDIAN	SIGNS	1 EA	R6-1R
WB US-50	17+88.17	-	OUTSIDE	SIGNS	1 EA	R6-1L
WB US-50	18+58.68	-	OUTSIDE	SIGNS	1 EA	19-1A
NB BUS-50	0+32.71	-	MEDIAN	SIGNS	1 EA	R1-1
NB BUS-50	0+10.74	-	MEDIAN	SIGNS	1 EA	R4-7
SB BUS-50	7+36.09	-	MEDIAN	SIGNS	1 EA	R1-2
SB BUS-50	8+64.10	-	OUTSIDE	SIGNS	1 EA	R5-1
EB US-50	17+13.85	17+93.28	MEDIAN	SIGNAL	1 EA	WARNING SIGNAL
TOTALS					1 LS	

MOBILIZATION
TOTAL = 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
TOTAL = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING
TOTAL = 1 EA

AGGREGATE BASE					
ROUTE	STA.	STA.	AGGR. BASE TYPE 5 6" THICKNESS SY	SUBGRADE COMPACTION 100 LF	REMARKS
WB US-50	3+46.36	18+46.12	2694.5	15.0	WB ACCEL
EB US-50	7+03.75	12+73.27	991.9	5.7	EB DECEL
BUS. 50 SB	2+70.67	10+08.27	2324.7	7.4	SB RAMP
BUS. 50 NB	0+00.00	4+26.56	2255.8	4.2	NB RAMP
EB US-50	19+16.38	33+23.82	3085.5	14.1	EB ACCEL
TOTALS			11352.4	46.4	
USE			11352.0	47.0	

CONCRETE MEDIAN STRIP				
ROUTE	STA.	STA.	6" CONCRETE MEDIAN STRIP (SY)	REMARKS
WB US-50	16+58.84	17+38.09	184.9	RAISED ISLAND
NB RAMP	0+14.23	1+09.20	332.1	RAISED ISLAND
TOTALS			517.0	

PAVEMENT EDGE TREATMENT					
ROUTE	STA.	STA.	LOCATION	QUANTITY LF	REMARKS
WB US-50	3+46.36	18+46.12	WB ACCEL	1373.2	
EB US-50	7+03.75	12+92.78	EB DECEL	570.2	
BUS. 50 SB	2+70.67	10+08.27	SB RAMP	733.9	
BUS. 50 NB	0+00.00	4+26.56	NB RAMP	610.2	
EB US-50	19+16.39	36+23.68	EB ACCEL	1708.1	
TOTALS				4995.6	
USE				4996	

TEMPORARY EROSION CONTROL										
ROUTE	LOC.	STA.	STA.	ALTERNATIVE DITCH CHECKS LF	ROCK DITCH CHECKS LF	INLET CHECK EA	SEDIMENT TRAP CY	SEDIMENT REMOVAL CY	SILT FENCE LF	REMARKS
EB US-50	RT	8+41.17	13+82.51	290				29		29 DITCH CHECKS AT 19' SPACING
EB US-50	RT	15+87.00				1		1		
EB US-50	RT	23+19.84	36+39.11					13	1328	
WB US-50	RT	3+80.00				1		1		
WB US-50	LT	3+70.00					1	1		
WB US-50	LT	20+04.00					1	1		
SB BUS-50	RT	3+94.04	6+10.68		110			11		11 DITCH CHECKS AT 20' SPACING
SB BUS-50	RT	6+29.72	8+31.66	60				6		6 DITCH CHECK AT 37' SPACING
NB BUS-50	RT	0.66+50		10				1		1 DITCH CHECK
NB BUS-50	RT	0+73.28	1+42.52		40			4		4 DITCH CHECKS AT 25' SPACING
TOTAL				360	150	2	2	68	1328	

NOTE: SEDIMENT REMOVAL IS BASED ON 1 CY PER DITCH CHECK, AND 1 CY PER 100 LINEAR FEET OF SILT FENCE.

GUARDRAIL							
ROUTE	STA.	STA.	LOCATION	MGS GUARDRAIL LF	TYPE A CRASHWORTHY END TERMINAL (MASH) EA	MGS END ANCHOR EA	REMARKS
WB US-50	3+39.96	5+13.12	RT	175.0	1		REMOVE AND RESET
EB US-50	22+88.10	26+63.10	RT	375.0	1	1	
TOTALS				550.0	2	1	

SEEDING					
ROUTE	LOCATION	ZONE 2A EROSION CONTROL SY	SEEDING-COOL SEASON GRASSES ACRES	TEMPORARY SEEDING ACRES	REMARKS
EB US-50	RT	4356	0.9	0.23	
WB US-50	LT	1936	0.4	0.09	
TOTALS		6292	1.3	0.3	

NOTE: TEMPORARY IS 25% OF PERMANENT (ROUNDED TO NEAREST 0.10 ACRE)

PIPES														
LOCATION	STA	OFFSET	STA	OFFSET	GROUP A	GROUP A	GROUP A	18" FLARED END SECTION	30" FLARED END SECTION	36" FLARED END SECTION	TYPE A PIPE COLLAR	ROCK LINING	CLASS 3 EXCAVATION	REMARKS
					18" LENTH LF	30" LENTH LF	36" LENTH LF	EA	EA	EA	EA	CY	CY	
SB BUS-50	5+66.11	6.96' LT	5+65.72	12.33' RT	19.0			1			1	0.4	19.7	P-1
WB US-50	16+14.50	41.86' LT	17+83.46	43.30' LT	169.0			2					134.5	P-2
EB US-50	18+53.24	51.15' RT	18+58.34	67.70' RT		17.0			1		1	0.6	16.5	P-3
EB US-50	24+60.04	52.61' RT	24+67.58	65.14' RT			14.0			1	1	0.5	18.5	P-4
TOTALS					188	17	14	3	1	3	3	1.5	189	
USE					188	17	14	3	1	3	3	2	189	

CULVERT CLEANOUT		
LOCATION	STA	EA
EB US-50	18+53.24	1
TOTALS		1

SUMMARY OF QUANTITIES
SHEET 1 OF 4

DATE PREPARED
1/13/2025

ROUTE **50** STATE **MO**

DISTRICT **KC** SHEET NO. **3**

COUNTY **JOHNSON**

JOB NO. **JKR0137**

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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PAVEMENT MARKING (PERMANENT)												
ROUTE	LOCATION	STA.	STA.	HIGH BUILD WATERBORNE					THERMOPASTIC		REMARKS	
				6" WHITE		6" YELLOW	12" WHITE		24" WHITE	WHITE TURN ARROW (EACH)		
				SOLID LF	DOTTED LF	SOLID LF	SOLID LF	DOTTED LF	STOP BAR LF			
50	EB DECEL US-50	7+05.00	11+05.00	400.0								
50	EB DECEL US-50	10+03.00	-							1		
50	EB DECEL US-50	10+03.00	11+05.00		34.0							
50	SB RAMP BUS-50	0+00.00	10+08.00	1008.0								
50	EB DECEL US-50	11+05.00	13+73.00				268.0					
50	EB DECEL US-50	13+73.00	14+86.00	113			269.0					
50	EB DECEL US-50	11+53.00	-							1		
50	EB DECEL US-50	13+03.00	-							1		
50	SB RAMP BUS-50	3+73.00	4+35.00				69.9					
50	SB RAMP BUS-50	4+35.00	10+08.00			586.4						
50	WB ACCEL US-50	3+46.00	17+09.00			1359.2						
50	WB ACCEL US-50	3+69.00	13+94.00					100.2				
50	WB ACCEL US-50	13+94.00	15+94.00				200.0					
50	WB ACCEL US-50	15+94.00	17+39.00	160.8								
50	WB ACCEL US-50	15+94.00	18+46.00			252.0						
50	NB BUS-50	0+00.00	3+00.00			426.3						
50	NB BUS-50	0+00.00	1+45.00	142.5								
50	NB BUS-50	0+00.00	1+45.00				178.5					
50	NB BUS-50	0+14.00	-					12.0				
50	NB BUS-50	0+29.00	4+26.00	471.7								
50	NB BUS-50	1+45.00	2+73.00				122.7					
50	NB BUS-50	2+73.00	-							1		
50	EB ACCEL US-50	17+35.00	20+45.00				310.0					
50	EB ACCEL US-50	19+16.00	36+24.00	1708.0								
50	EB ACCEL US-50	20+45.00	31+24.00					157.9				
TOTALS				4004.0	34.0	2623.9	1418.1	258.1	12.0	4		
USE				4004	34	2624	1418	258	12	4		

EARTHWORK							REMARKS
ROUTE	LOCATION	STA.	STA.	UNCLASSIFIED EXCAVATION	COMPACTING EMBANKMENT	COMPACTING IN CUT	
				CY	CY	STA	
50	WB ACCEL	3+46.35	15+94.43	725.3	616.5		
50	NB RAMP	0+00.00	4+26.07	1516.1	1288.7		USE 752.0 AT SB RAMP.
50	NB RAMP	+36.42	3+36.42			3.0	
50	EB ACCEL	19+16.39	36+23.68	2183.9	1856.3		USE 348.7 CY AT SB RAMP. DISPOSE OF EXCESS 560.3 CY
50	EB DECEL	7+03.75	12+92.78	489.2	415.8		DISPOSE OF EXCESS 146.7 CY
50	SB RAMP	2+70.67	10+08.27	388.0	329.8		OBTAIN 752.0 CY FROM NB RAMP. OBTAIN 348.7 CY FROM EB ACCEL
50	SB RAMP	3+35.38	8+74.78			5.4	
TOTALS				5302.5	4507.1	8.4	
USE				5303	4507	8.4	

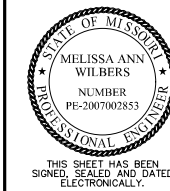
PERFORMED PULL BOX. CLASS 1				
LOCATION	STATION	OFFSET	EACH	REMARKS
SB BUS-50	6+30.30	30' RT	1	
TOTALS			1	

CABLE & RIGID CONDUIT					
LOC.	STA.	STA.	1" CABLE CONDUIT (TRENCH LF)	3" RIGID CONDUIT (TRENCHED LF)	REMARKS
EB US-50	8+83.36	13+00.00	419		POLE TO PIVOT POINT
SB BUS-50	3+00.00	6+30.30	310		PIVOT POINT TO PB
SB BUS-50	6+30.30	8+57.40	216		PB TO POLE
SB BUS-50 TO EB US-50	6+30.30	17+10.22	175	175	PB TO CONTROLLER
SB BUS-50 TO NB BUS-50	8+57.40	3+24.02	108	108	POLE TO CONTROLLER/POWER SUPPLY
NB BUS-50 TO EB US-50	0+11.81	17+14.23	65	65	POLE TO POLE
TOTALS			1293	348	
USE			1300	348	

POWER SUPPLY & CONTROL STATION				
LOCATION	STA	OFFSET	POWER SUPPLY ASSEMBLY TYPE 2 240/120 VOLT SERVICE LIGHTING ONLY (EACH)	REMARKS
NB BUS-50	3+24.02	55' RT	1	CONTROLLER W/POWER SUPPLY & METER
TOTALS			1	

HIGHWAY LIGHTING								
LOCATION	STA	OFFSET	BRACKET ARM 15 FT	LIGHTING POLE 45 FT	LUMINAIRE LED-B	POLE FOUNDATION 45 FT M.H.	CABLE # 10 AWG 1 CONDUCTOR POLE & BRACKET	REMARKS
			(EACH)	(EACH)	(LF)	(EACH)	(LF)	
EB US-50	8+83.36	43' RT	1	1	1	1	120	
SB RAMP	8+57.40	12' RT	1	1	1	1	120	
NB RAMP	0+11.81	13' RT	1	1	1	1	120	
EB US-50	17+14.23	44' LT	1	1	1	1	120	
TOTALS			4	4	4	4	480	

SUMMARY OF QUANTITIES
SHEET 2 OF 4



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JOHNSON
JOB NO. JKR0137
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 872-664-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1/13/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 3

COUNTY
JOHNSON

JOB NO.
JKR0137


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ALTERNATE 1 - RTE 50 ASPHALT PAVEMENT				
ROUTE	STA.	STA.	ASPHALTIC PAVEMENT 10" THICKNESS SY	REMARKS
WB US-50	3+46.36	18+46.12	1947.6	WB ACCEL
EB US-50	7+03.75	12+73.27	704.2	EB DECEL
BUS. 50 SB	2+70.67	10+08.27	1917.3	SB RAMP
BUS. 50 NB	0+00.00	4+26.56	1935.1	NB RAMP
EB US-50	19+16.38	33+23.82	2268.9	EB ACCEL
TOTALS			8773.1	

NOTE: 8" PCCP PAVEMENT THICKNESS USED IN DESIGN.

ALTERNATE 1-ASHPALT PAVEMENT
SUMMARY OF QUANTITIES
SHEET 3 OF 4

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DATE PREPARED
1/13/2025

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 3

COUNTY
JOHNSON

JOB NO.
JKR0137

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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ALTERNATE J - RTE 50 CONCRETE PAVEMENT				
ROUTE	STA.	STA.	PCCP	REMARKS
			8" THICKNESS	
			SY	
WB US-50	3+46.36	18+46.12	1947.6	WB ACCEL
EB US-50	7+03.75	12+73.27	704.2	EB DECEL
BUS. 50 SB	2+70.67	10+08.27	1917.3	SB RAMP
BUS. 50 NB	0+00.00	4+26.56	1935.1	NB RAMP
EB US-50	19+16.38	33+23.82	2268.9	EB ACCEL
TOTALS			8773.1	

ALTERNATE J-CONCRETE PAVEMENT
SUMMARY OF QUANTITIES
SHEET 3 OF 4

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50 MO

DISTRICT SHEET NO.
KC 3

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JOHNSON

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



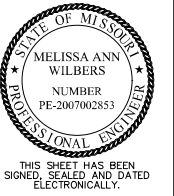
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CERTIFICATE OF AUTHORITY NO. 000707, ENGINEERING
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ALTERNATE K - RTE 50 ASPHALT SHOULDER				
ROUTE	STA.	STA.	TYPE	REMARKS
			A2 SHOULDER	
			SY	
WB US-50	3+46.36	18+46.12	746.9	WB ACCEL
EB US-50	7+03.75	12+73.27	287.7	EB DECEL
BUS. 50 SB	2+70.67	10+08.27	407.3	SB RAMP
BUS. 50 NB	0+00.00	4+26.56	320.7	NB RAMP
EB US-50	19+16.38	33+23.82	816.7	EB ACCEL
TOTALS			2579.3	

ALTERNATE K-ASPHALT SHOULDER
SUMMARY OF QUANTITIES
SHEET 3 OF 4

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DATE PREPARED
1/13/2025

ROUTE	STATE
50	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
JOHNSON

JOB NO.
JKR0137

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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

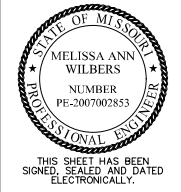
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PHONE 872-654-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE L - RTE 50 CONCRETE SHOULDER				
ROUTE	STA.	STA.	TYPE	REMARKS
			A2 SHOULDER SY	
WB US-50	3+46.36	18+46.12	746.9	WB ACCEL
EB US-50	7+03.75	12+73.27	287.7	EB DECEL
BUS. 50 SB	2+70.67	10+08.27	407.3	SB RAMP
BUS. 50 NB	0+00.00	4+26.56	320.7	NB RAMP
EB US-50	19+16.38	33+23.82	816.7	EB ACCEL
TOTALS			2579.3	

ALTERNATE L-CONCRETE SHOULDER
SUMMARY OF QUANTITIES
SHEET 3 OF 4

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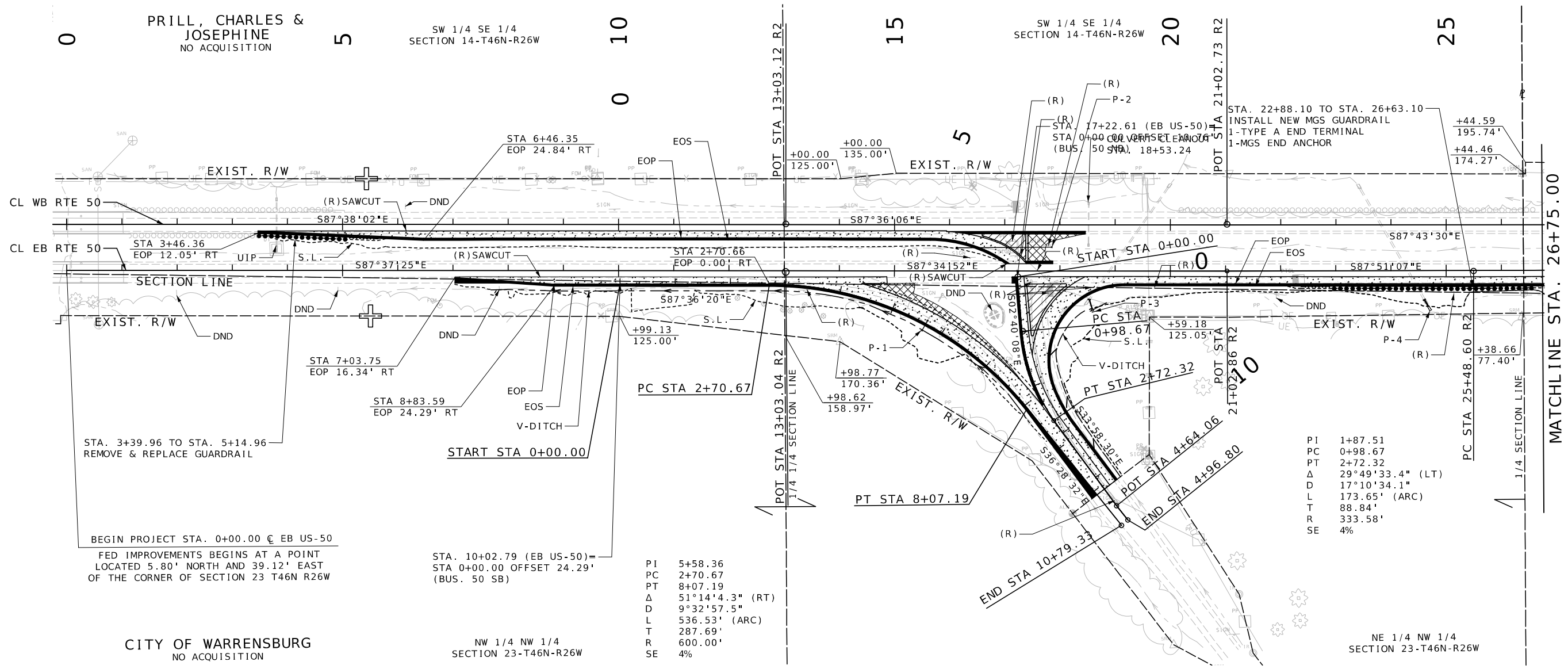
CERTIFIED LAND CORNER
 STA. 0+00.00 WB US-50
 CENTERLINE IS LOCATED 97.441'
 N26°02'05"E AT THE COMMON
 CORNER TO SECTIONS 14, 15,
 22, & 23 T46N, R26W
 CHISELED "+" CORNER DOCUMENT
 #600-48711



- LEGEND
- ALTERNATE PAVEMENT
(10" HMA OR 8" CONCRETE)
 - A2 SHOULDER
 - 6" CONCRETE MEDIAN STRIP
 - PAVEMENT REMOVAL

WESTBOUND ROUTE 50 BUILD NOTE:
 STA. 3+46.36 TO STA. 18+46.12
 BUILD ALTERNATE PAVEMENT

P-2 WB ACCEL US 50
 STA. 16+14.50 TO STA 17+83.46
 INSTALL 18"x 169' GROUP A PIPE
 INCLUDE 2-FES



DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY JOHNSON	
JOB NO. JKR0137	
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)

CITY OF WARRENSBURG
 NO ACQUISITION

NW 1/4 NW 1/4
 SECTION 23-T46N-R26W

NE 1/4 NW 1/4
 SECTION 23-T46N-R26W

- PI 5+58.36
- PC 2+70.67
- PT 8+07.19
- Δ 51°14'4.3" (RT)
- D 9°32'57.5"
- L 536.53' (ARC)
- T 287.69'
- R 600.00'
- SE 4%

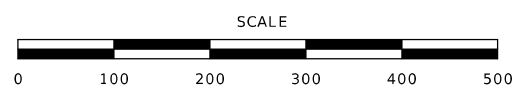
- PI 14+87.51
- PC 0+98.67
- PT 2+72.32
- Δ 29°49'33.4" (LT)
- D 17°10'34.1"
- L 173.65' (ARC)
- T 88.84'
- R 333.58'
- SE 4%

- GENERAL NOTES:
- ANY ITEM OF WORK BEYOND THE PROJECT LIMITS IS INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
 - ALL BEARINGS ARE BASED ON STATE PLANE, WESTERN ZONE NAD 83.
 - THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AS 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.

EASTBOUND ROUTE 50 BUILD NOTE:
 STA. 7+03.75 TO STA. 36+23.68
 BUILD ALTERNATE PAVEMENT
 (CONT. SHEET 6)

SOUTHBOUND BUSINESS 50 BUILD NOTE:
 STA. 2+70.67 TO STA. 10+08.27
 BUILD ALTERNATE PAVEMENT

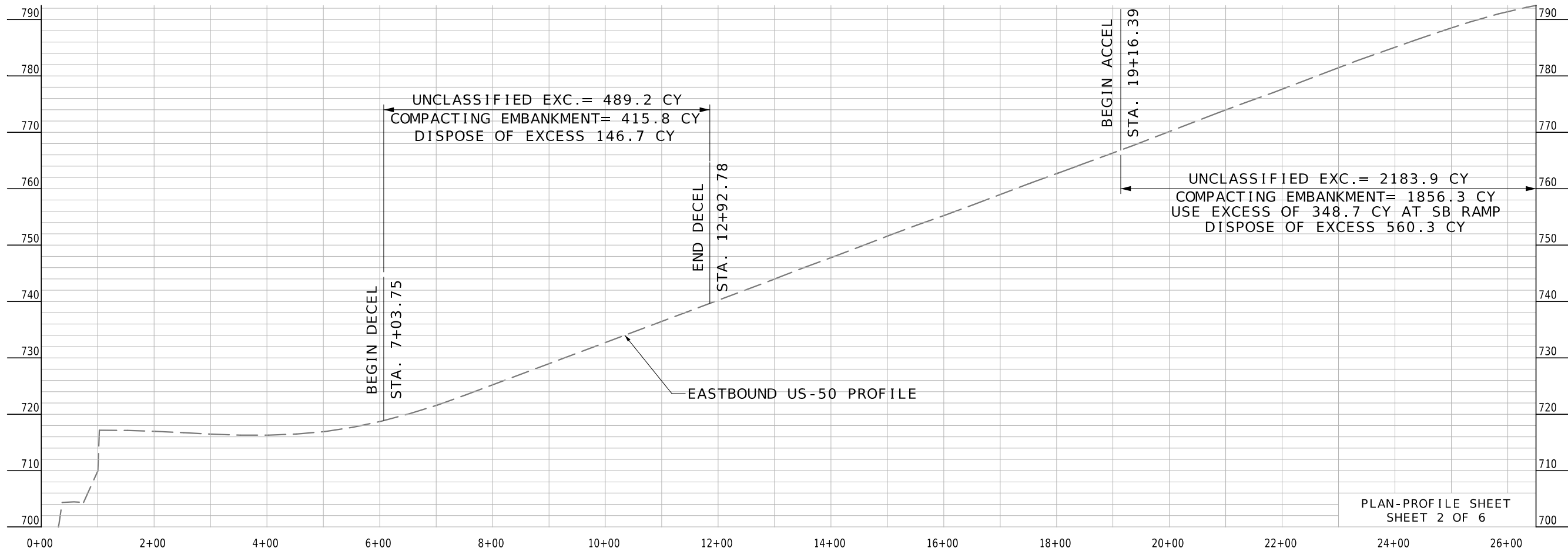
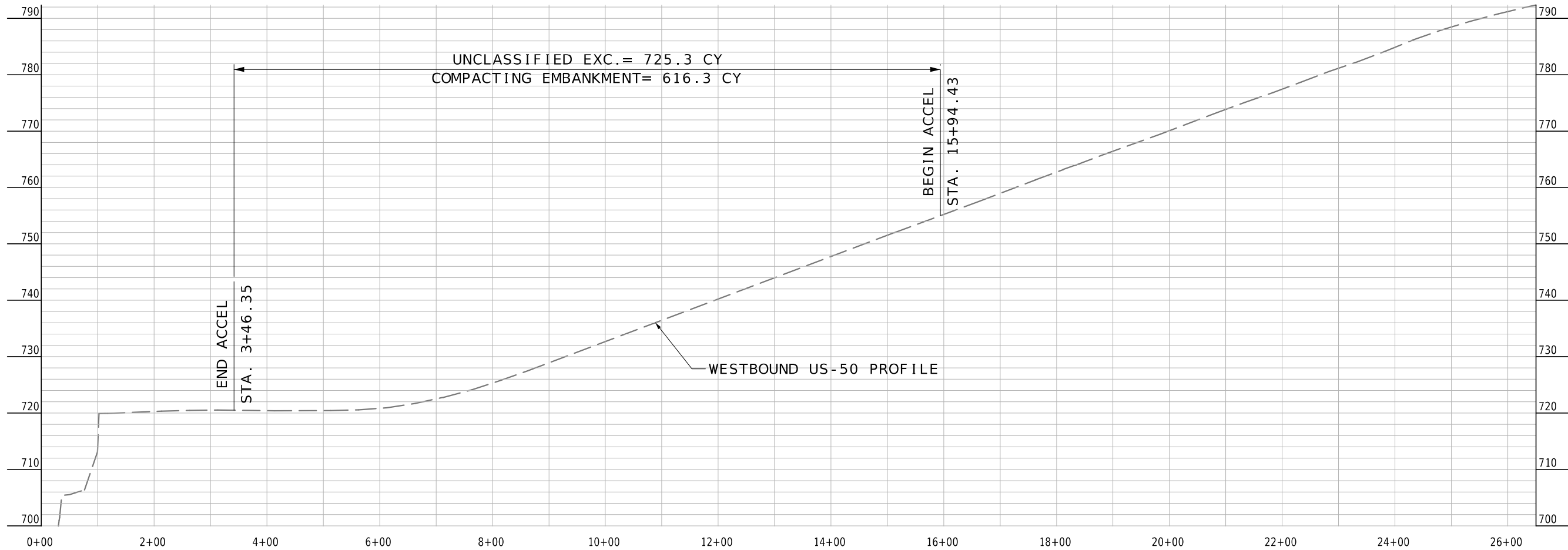
NORTHBOUND BUSINESS 50 BUILD NOTE:
 STA. 0+00.00 TO STA. 4+26.56
 BUILD ALTERNATE PAVEMENT



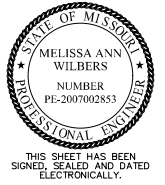
PLAN-PROFILE SHEET
 SHEET 1 OF 6

Bartlett & West

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PLAN-PROFILE SHEET
SHEET 2 OF 6



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 5

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

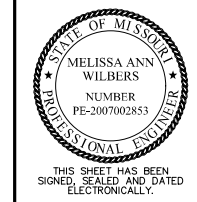
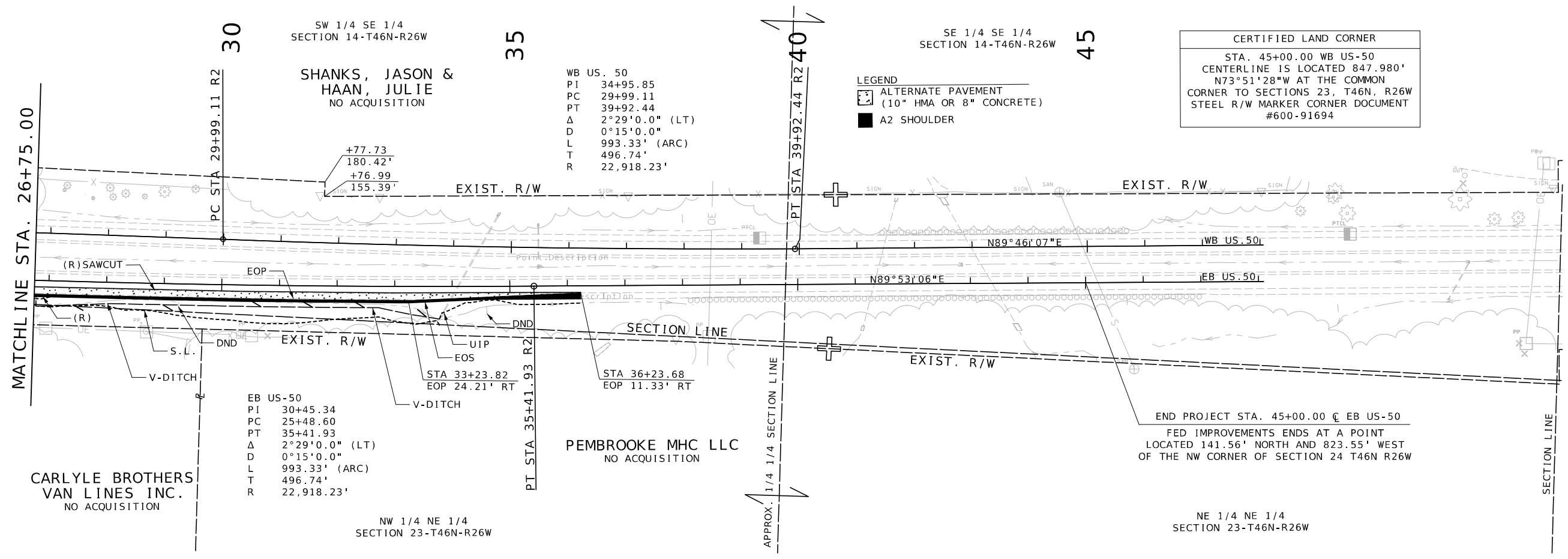
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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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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DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	6

COUNTY
JOHNSON

JOB NO.
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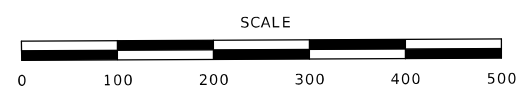
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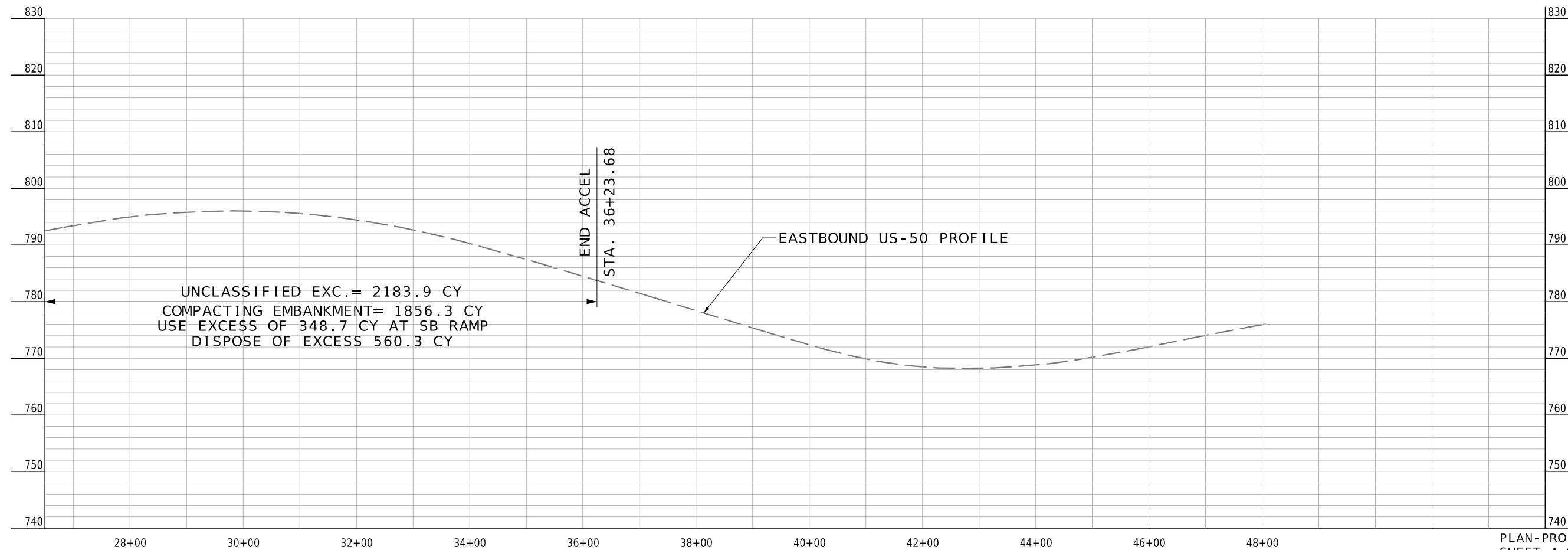
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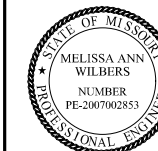


PLAN-PROFILE SHEET
SHEET 3 OF 6

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PLAN-PROFILE
SHEET 4 OF 6



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 7

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

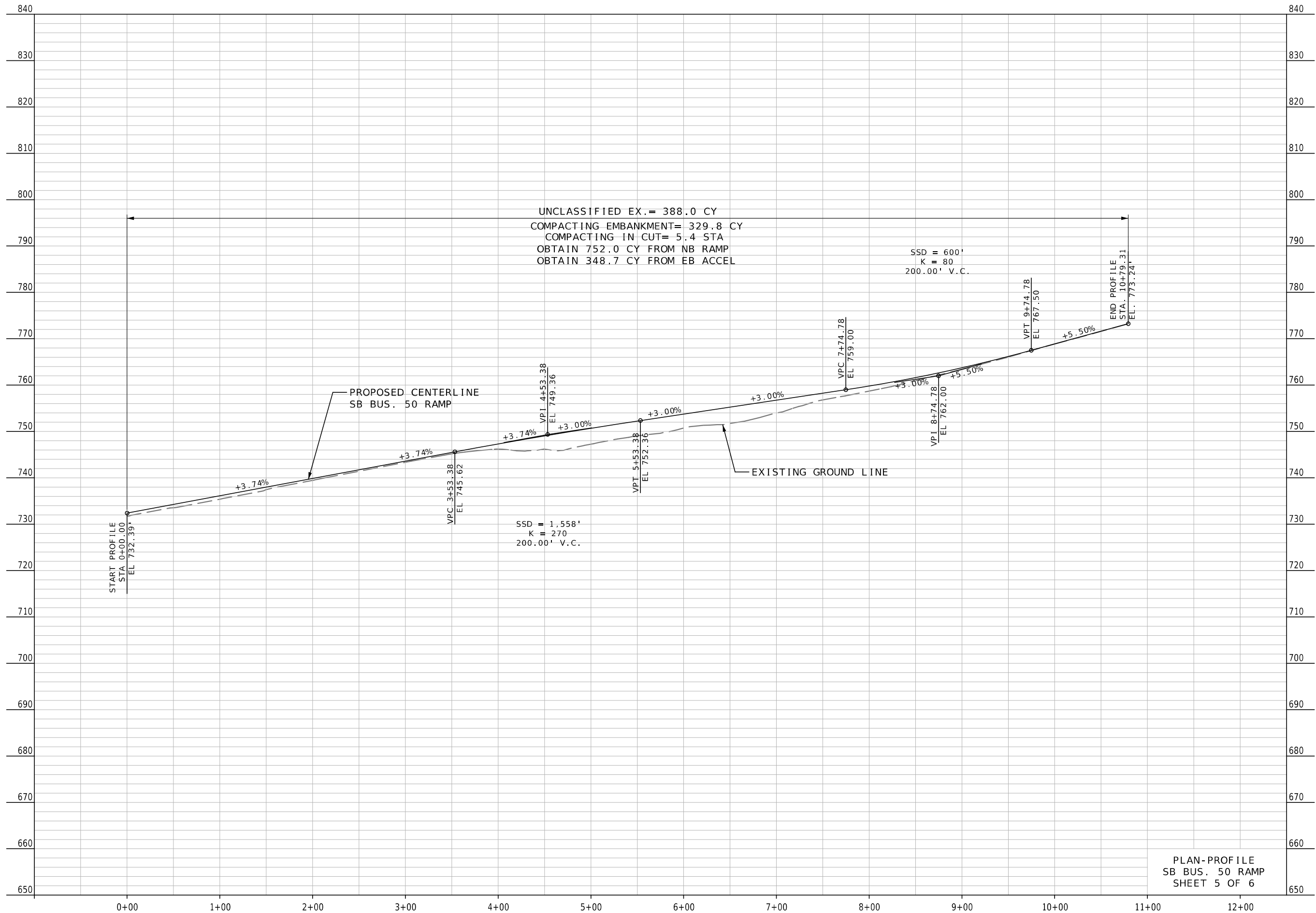
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

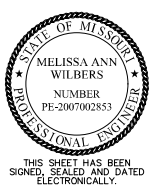
Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

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PLAN - PROFILE
 SB BUS. 50 RAMP
 SHEET 5 OF 6



DATE PREPARED
 11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 8

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

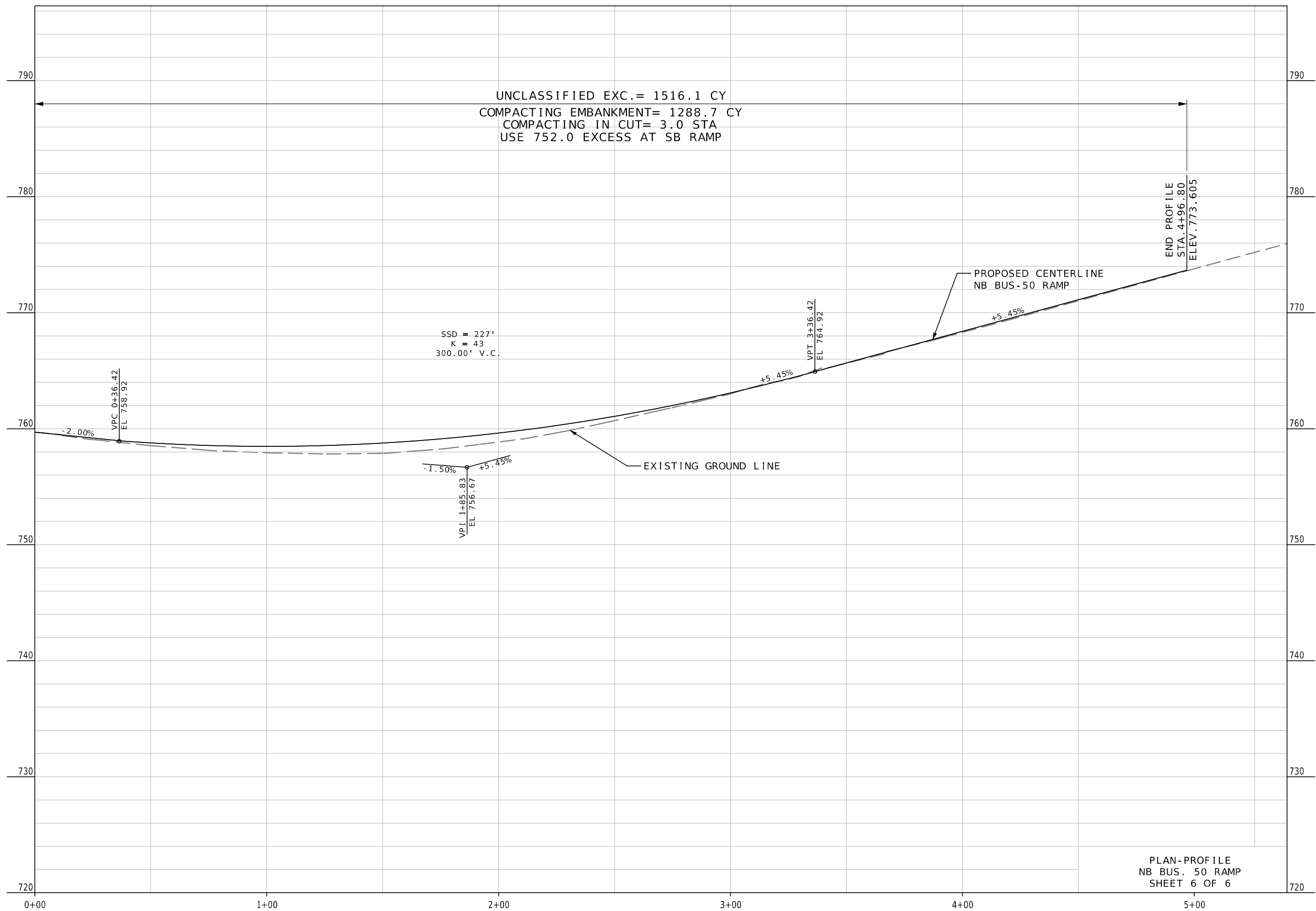
MISSOURI HIGHWAYS AND TRANSPORTATION
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 JEFFERSON CITY, MO 65102
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UNCLASSIFIED EXC.= 1516.1 CY
 COMPACTING EMBANKMENT= 1288.7 CY
 COMPACTING IN CUT= 3.0 STA
 USE 752.0 EXCESS AT SB RAMP

SSD = 227'
 K = 43
 300.00' V.C.

END PROFILE
 STA. 4+96.80
 ELEV. 773.605

PROPOSED CENTERLINE
 NB BUS-50 RAMP

EXISTING GROUND LINE

PLAN-PROFILE
 NB BUS. 50 RAMP
 SHEET 6 OF 6



THIS SHEET HAS BEEN
 SIGNED, SEALED AND DATED
 ELECTRONICALLY.

DATE PREPARED
 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY JOHNSON

JOB NO. JKRO137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

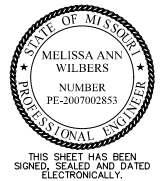
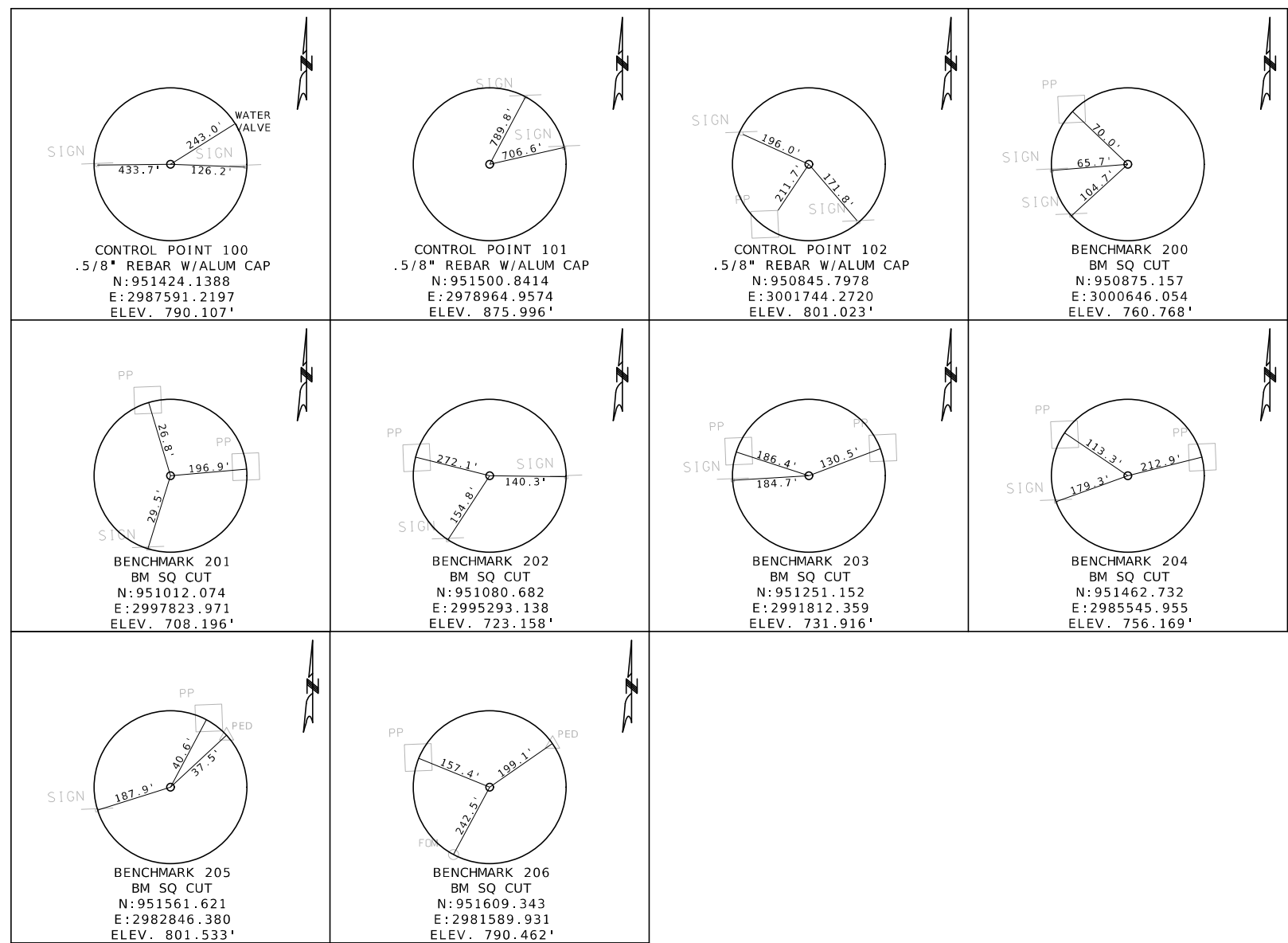
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

Bartlett & West
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DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 10

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
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ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD 83
VERTICAL DATUM	NAVD 88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	*
PROJECT PROJECTION FACTOR	1.000046242

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT SEDALIA CORS ARP
CORS_ID	MOSD
PID	DL 63212
LATITUDE	N38°41'31.91379"
LONGITUDE	W93°15'03.94047"
NORTHING (M)	317530.963
EASTING (M)	434658.363
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	1.000046242

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

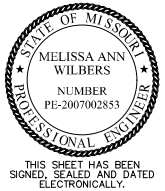
PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING
 PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #100
 N 951468.1346 X 0.99995376 = N 951424.1388
 E 2987729.3719 X 0.99995376 = E 2987591.2197

LINEAR UNIT CONVERSION
 1 METER = 3.280833333 US SURVEY FEET (USFT)

* BARTLETT & WEST RAN 2-4 HOUR OPUS SOLUTIONS. OPUS SOLUTIONS WERE AVERAGED AND HELD FOR CONTROL PTS 100,101,102. LEVEL LOOPS WERE RAN FROM CONTROL PT. 100 THRU REMAINING CONTROL POINTS.

COORDINATE POINT LISTING								
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)		
PROJECT CONTROL POINTS								
6	1065+15.41	LT	34.2'	951424.1388	2987591.2197	790.107	CONTROL POINT 100	
6 (BUS.50)	28+14.94	LT	2.2'	951500.8414	2978964.9574	875.996	CONTROL POINT 101	
	980+09.14	RT		950845.7978	3001744.2720	801.023	CONTROL POINT 102	
6 (BUS.50)	18+53.24	LT	36.9'	950875.157	3000646.054	760.768	BENCHMARK 200	
10	1169+97.84	LT	57.5'	951012.074	2997823.971	708.196	BENCHMARK 201	
9	1143+65.96	LT	23.6'	951080.682	2995293.138	723.158	BENCHMARK 202	
8	1108+79.50	LT	52.1'	951251.152	2991812.359	731.916	BENCHMARK 203	
6	1046+05.89	LT	44.2'	951462.732	2985545.955	759.169	BENCHMARK 204	
5	1019+04.52	LT	41.5'	951561.621	2982846.380	801.533	BENCHMARK 205	
4	1006+46.58	LT	45.7'	951609.343	2981589.931	790.462	BENCHMARK 206	
ALIGNMENTS								
4	0+00.00	EB HWY 50	0	950875.80	2998928.17	719.91	START	
4	13+03.04	EB HWY 50	0	950821.77	3000230.09	744.10	POT	
4	21+02.86	EB HWY 50	0	950788.01	3001029.21	774.09	POT	
4	25+48.60	EB HWY 50	0	950771.30	3001474.62	790.00	PC	
4	30+45.34	EB HWY 50	0	950756.54	3001971.06	795.89	PI	
4	35+41.93	EB HWY 50	0	950752.54	3002467.70	786.21	PT	
4	45+00.00	EB HWY 50	0	950754.42	3003425.77	770.19	END	
4	0+00.00	WB HWY 50	0	950959.61	2998931.61	717.15	START	
4	13.03+12	WB HWY 50	0	950905.24	3000233.62	744.04	POT	
6	21+02.73	WB HWY 50	0	950871.78	3001032.52	773.95	POT	
6	29+99.11	WB HWY 50	0	950836.20	3001928.20	795.72	PC	
6	34+95.83	WB HWY 50	0	950820.41	3002424.70	787.29	PI	
6	39+92.44	WB HWY 50	0	950815.38	3002921.23	772.47	PT	
6	45+00.00	WB HWY 50	0	950817.43	3003428.79	770.19	END	
4	0+00.00	NB BUS 50	0	950793.30	3000648.84	759.69	START	
4	0+98.67	NB BUS 50	0	950694.73	3000653.43	757.94	PC	
4	1+87.51	NB BUS 50	0	950609.43	3000668.26	758.49	PI	
4	2+72.32	NB BUS 50	0	950530.50	3000704.77	761.72	PT	
4	4+96.80	NB BUS 50	0	950345.50	3000831.11	773.61	END	
4	0+00.00	SB BUS 50	0	950809.94	2999929.08	731.74	START	
4	2+70.67	SB BUS 50	0	950798.64	3000199.34	742.24	PC	
4	5+58.36	SB BUS 50	0	950728.83	3000456.23	748.67	PI	
4	8+07.19	SB BUS 50	0	950553.66	3000658.44	759.07	PT	
4	10+79.33	SB BUS 50	0	950336.06	3000819.31	773.25	END	



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT SHEET NO. KC 11

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
 PHONE 872-66-5181
 CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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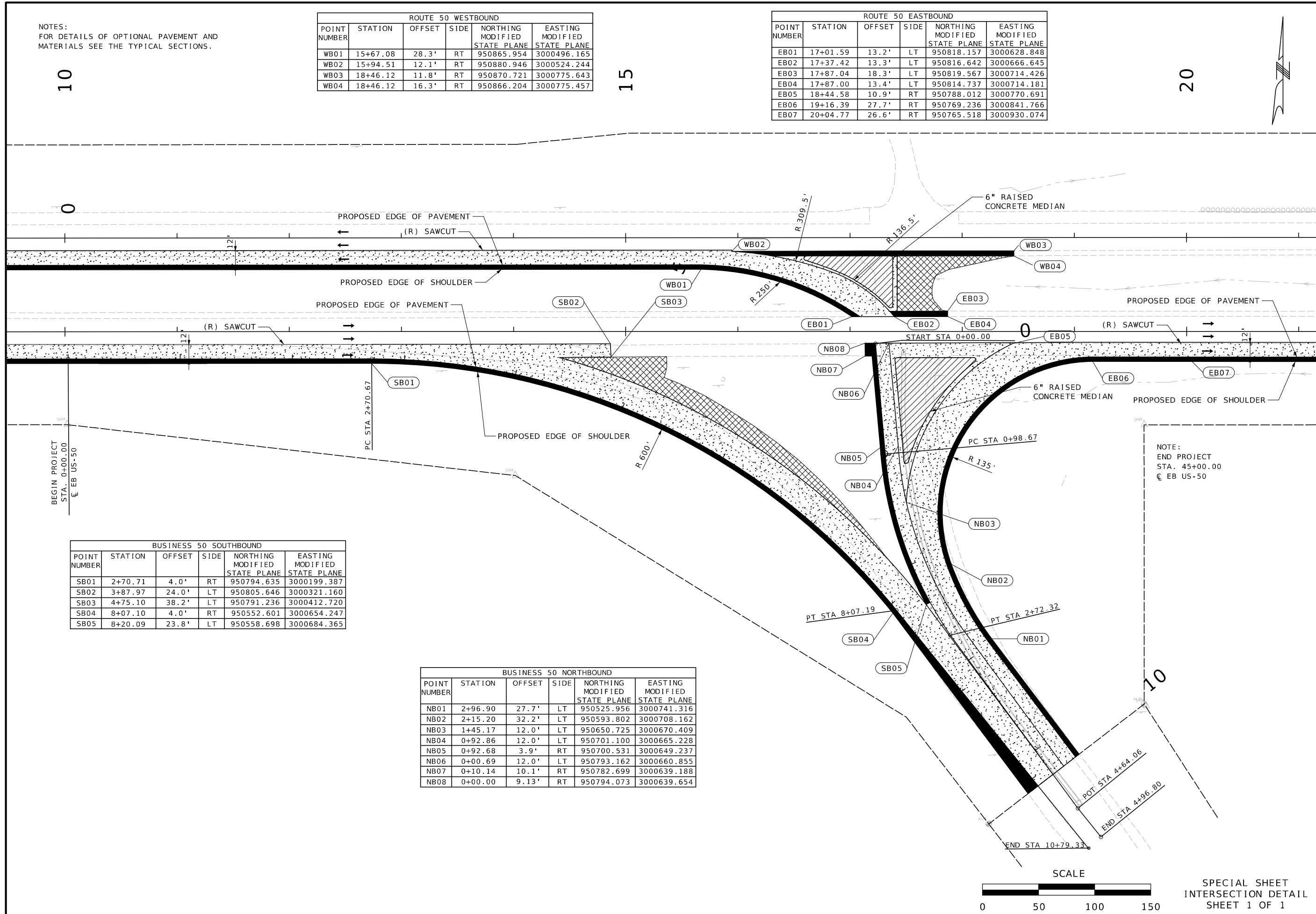
NOTES:
FOR DETAILS OF OPTIONAL PAVEMENT AND MATERIALS SEE THE TYPICAL SECTIONS.

ROUTE 50 WESTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
WB01	15+67.08	28.3'	RT	950865.954	3000496.165
WB02	15+94.51	12.1'	RT	950880.946	3000524.244
WB03	18+46.12	11.8'	RT	950870.721	3000775.643
WB04	18+46.12	16.3'	RT	950866.204	3000775.457

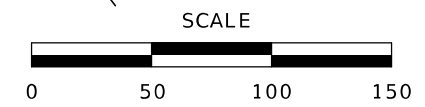
ROUTE 50 EASTBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
EB01	17+01.59	13.2'	LT	950818.157	3000628.848
EB02	17+37.42	13.3'	LT	950816.642	3000666.645
EB03	17+87.04	18.3'	LT	950819.567	3000714.426
EB04	17+87.00	13.4'	LT	950814.737	3000714.181
EB05	18+44.58	10.9'	RT	950788.012	3000770.691
EB06	19+16.39	27.7'	RT	950769.236	3000841.766
EB07	20+04.77	26.6'	RT	950765.518	3000930.074

BUSINESS 50 SOUTHBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
SB01	2+70.71	4.0'	RT	950794.635	3000199.387
SB02	3+87.97	24.0'	LT	950805.646	3000321.160
SB03	4+75.10	38.2'	LT	950791.236	3000412.720
SB04	8+07.10	4.0'	RT	950552.601	3000654.247
SB05	8+20.09	23.8'	LT	950558.698	3000684.365

BUSINESS 50 NORTHBOUND					
POINT NUMBER	STATION	OFFSET	SIDE	NORTHING MODIFIED STATE PLANE	EASTING MODIFIED STATE PLANE
NB01	2+96.90	27.7'	LT	950525.956	3000741.316
NB02	2+15.20	32.2'	LT	950593.802	3000708.162
NB03	1+45.17	12.0'	LT	950650.725	3000670.409
NB04	0+92.86	12.0'	LT	950701.100	3000665.228
NB05	0+92.68	3.9'	RT	950700.531	3000649.237
NB06	0+00.69	12.0'	LT	950793.162	3000660.855
NB07	0+10.14	10.1'	RT	950782.699	3000639.188
NB08	0+00.00	9.13'	RT	950794.073	3000639.654



NOTE:
END PROJECT
STA. 45+00.00
@ EB US-50



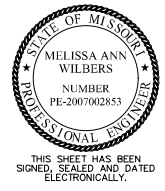
SPECIAL SHEET
INTERSECTION DETAIL
SHEET 1 OF 1

DATE PREPARED 11/19/2024	
ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 12
COUNTY JOHNSON	
JOB NO. JKR0137	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Bartlett & West
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 13

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

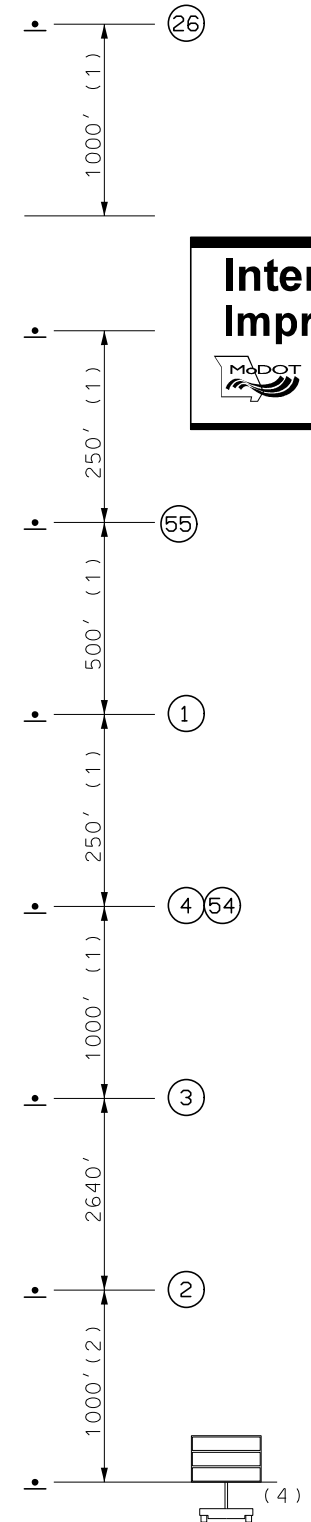
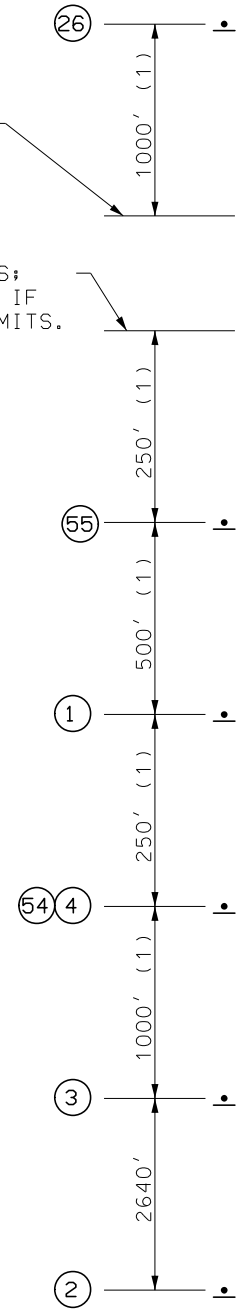
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END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

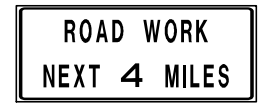


CONST-5



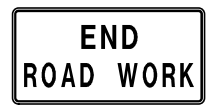
CONST-8

(55)



G020-1

(1)



G020-2

(26)



W03-5

(3)



R2-1

(4)



G020-5aP

(54)

NOTES:

ALL LANES OF ROUTE 50 ARE TO BE OPEN DURING NON-WORKING HOURS UNLESS APPROVED IN WRITING BY THE ENGINEER.

MINIMUM WIDTH FOR HIGHWAY 50 TRAFFIC LANE IS 10 FEET.

SIGN (1) IS REQUIRED PER EPG 616.6.56.

SIGN (26) IS USED ON ALL PROJECTS WHERE SIGN (1) IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS, WHERE TRAFFIC BREAKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT 4 MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS.

(4) 2 CHANGEABLE MESSAGE BOARDS ARE REQUIRED.

ALL TEMPORARY TRAFFIC CONTROL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED. ALL SIGNS ON THIS SHEET ARE PERMANENT MOUNTING.



W020-1

(2)



LEFT



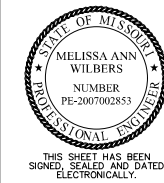
RIGHT

AWRS

MULTI-LANE DIVIDED
BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

BEGIN/END
TEMPORARY
TRAFFIC CONTROL
SHEET 1 OF 7

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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 14

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

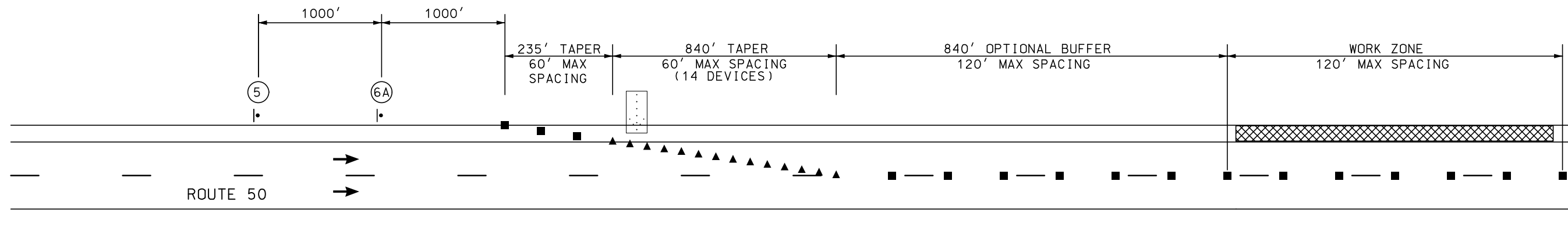
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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5 6

LEFT LANE CLOSURE
NOT TO SCALE

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

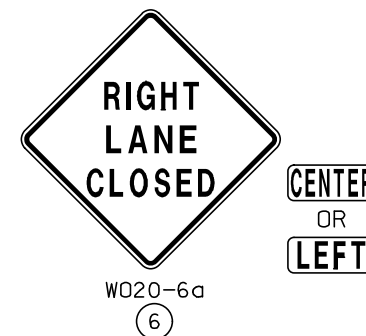
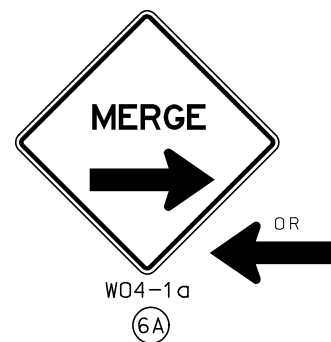
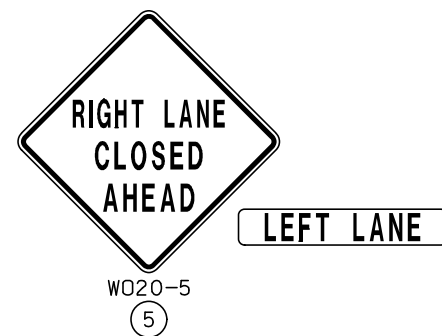
ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

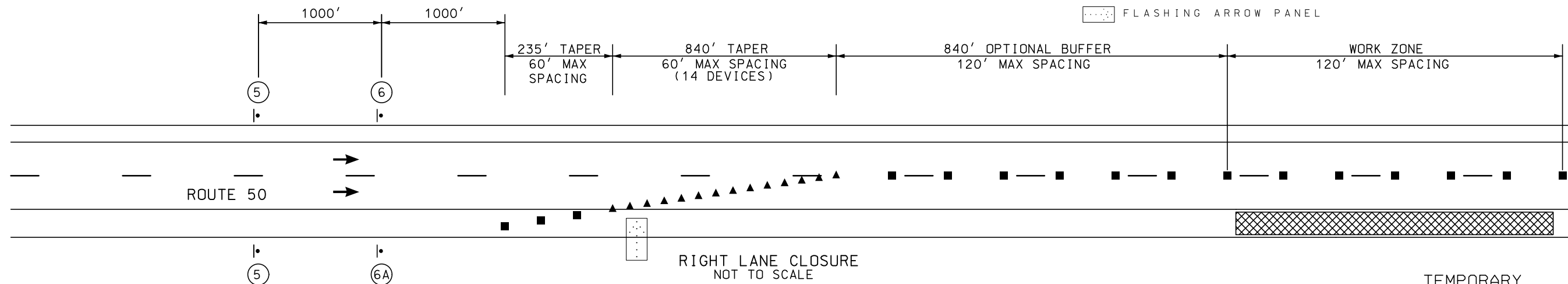
EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- E TYPE III MOVABLE BARRICADE
- ▲ CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- ◻ FLASHING ARROW PANEL

5 6

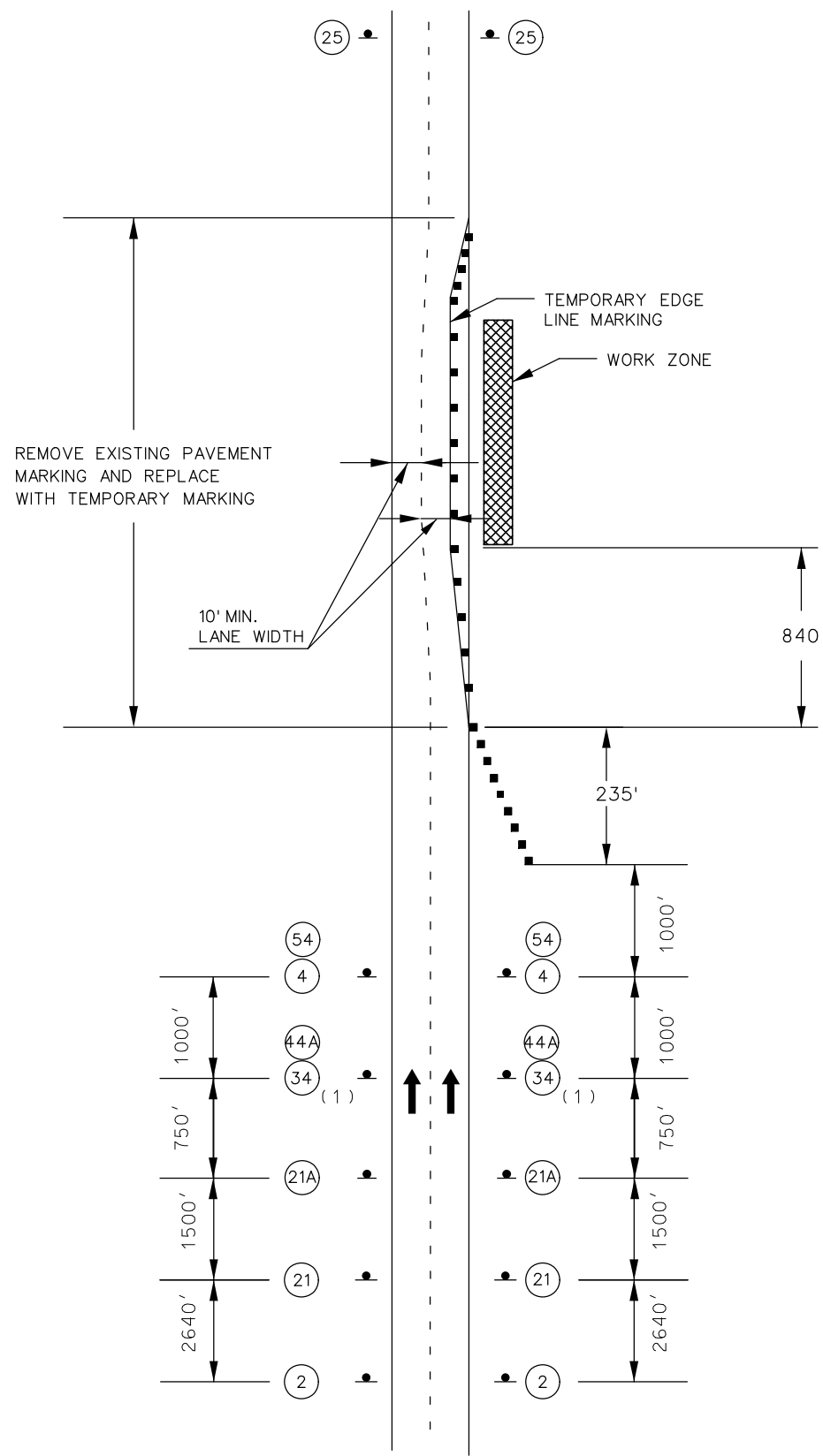


5 6A

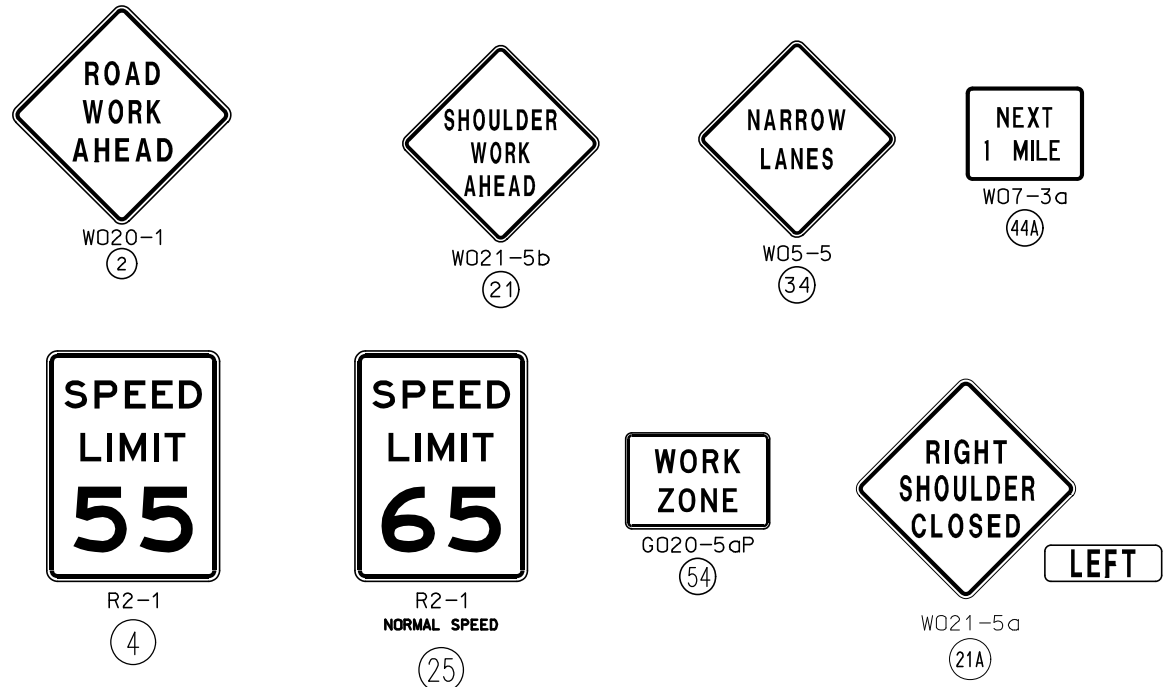
RIGHT LANE CLOSURE
NOT TO SCALE

TEMPORARY
TRAFFIC CONTROL
SHEET 2 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SHOULDER WORK ON DIVIDED HIGHWAY
REDUCED LANE WIDTHS



NOTES:

SEE TRAFFIC CONTROL SHEET 2 FOR DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

ROAD WORK AHEAD NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD IS ALREADY USED.

IF SHOULDER IS SUITABLE FOR CARRYING TRAFFIC, THE LANES MAY BE SHIFTED TO THE SHOULDER WITH APPROPRIATE PAVEMENT MARKING.

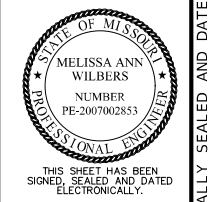
ROAD NARROWS SIGN SHOULD BE USED WHEN THE LANE WIDTH IS REDUCED.

ON UNDIVIDED HIGHWAYS PROVIDE SIGNS ONLY ON THE RIGHT SIDE OF EACH APPROACH.

(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

EDGE DROP OFF TREATMENT REQUIRED AS PER STANDARD PLAN 619.10

SHOULDER WORK
TEMPORARY
TRAFFIC CONTROL
SHEET 3 OF 7



DATE PREPARED
11/19/2024

ROUTE 50	STATE MO
DISTRICT KC	SHEET NO. 15

COUNTY
JOHNSON

JOB NO.
JKR0137

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

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616.8.10f (TA-10F) PUBLIC ROAD CROSSING ANOTHER ROAD UNDER CONSTRUCTION - DE/CM

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/WORK AREAS
0-35	200	-	70	245	280	35	40
40-45	350	-	150	540	400	40	80
50-55	500	-	185	660	560	50	80
60-70	1000	-	235	840	840	60	120

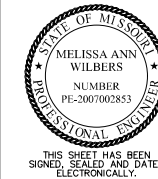
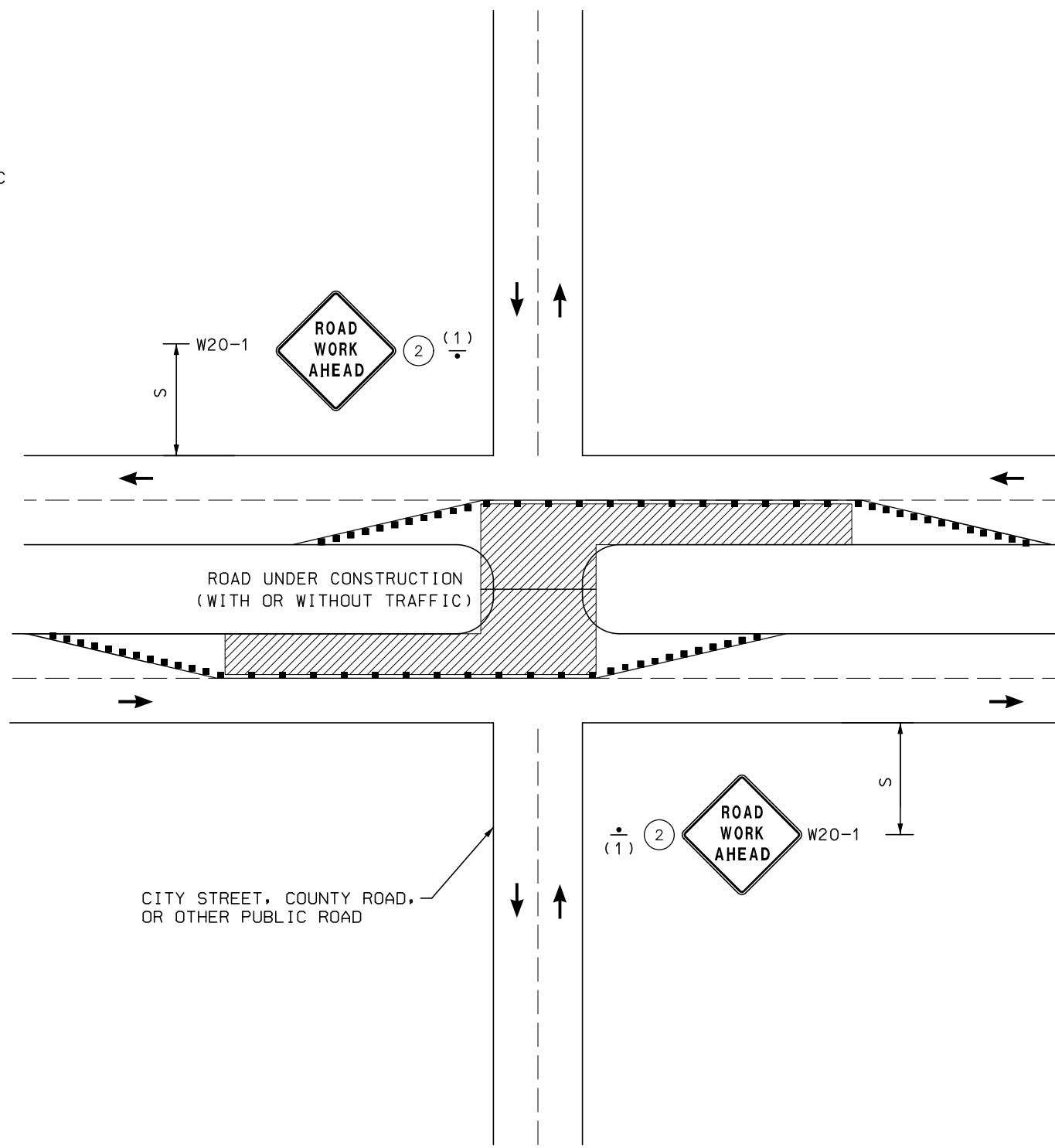
1 SHOULDER TAPER LENGTH BASED ON 10 FT (STANDARD SHOULDER WIDTH) OFFSET. 2. LANE TAPER LENGTH BASED ON 12 FT (STANDARD LANE WIDTH) OFFSET.

NOTES:

ADDITIONAL SIGNING MAY BE REQUIRED BASED ON WORK ZONE ACTIVITIES.

(1) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHES TO THE WORK ZONE.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 16

COUNTY JOHNSON

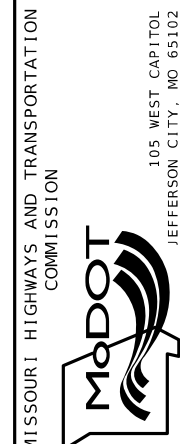
JOB NO. JKRO137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION






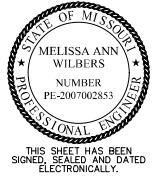
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TEMPORARY TRAFFIC CONTROL
SIDE ROAD DETAIL
SHEET 4 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  WORK ZONE
-  CHANNELIZER
-  BARRICADE



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 17

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

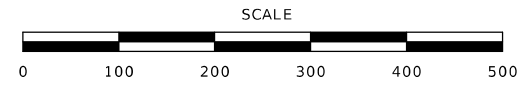
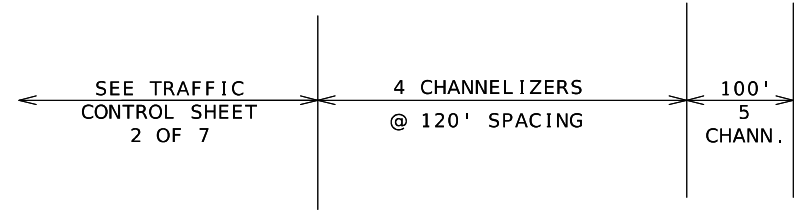
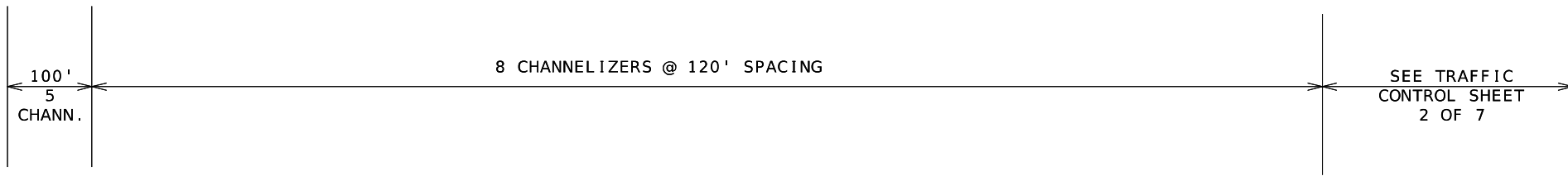
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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JEFFERSON CITY, MO 65102
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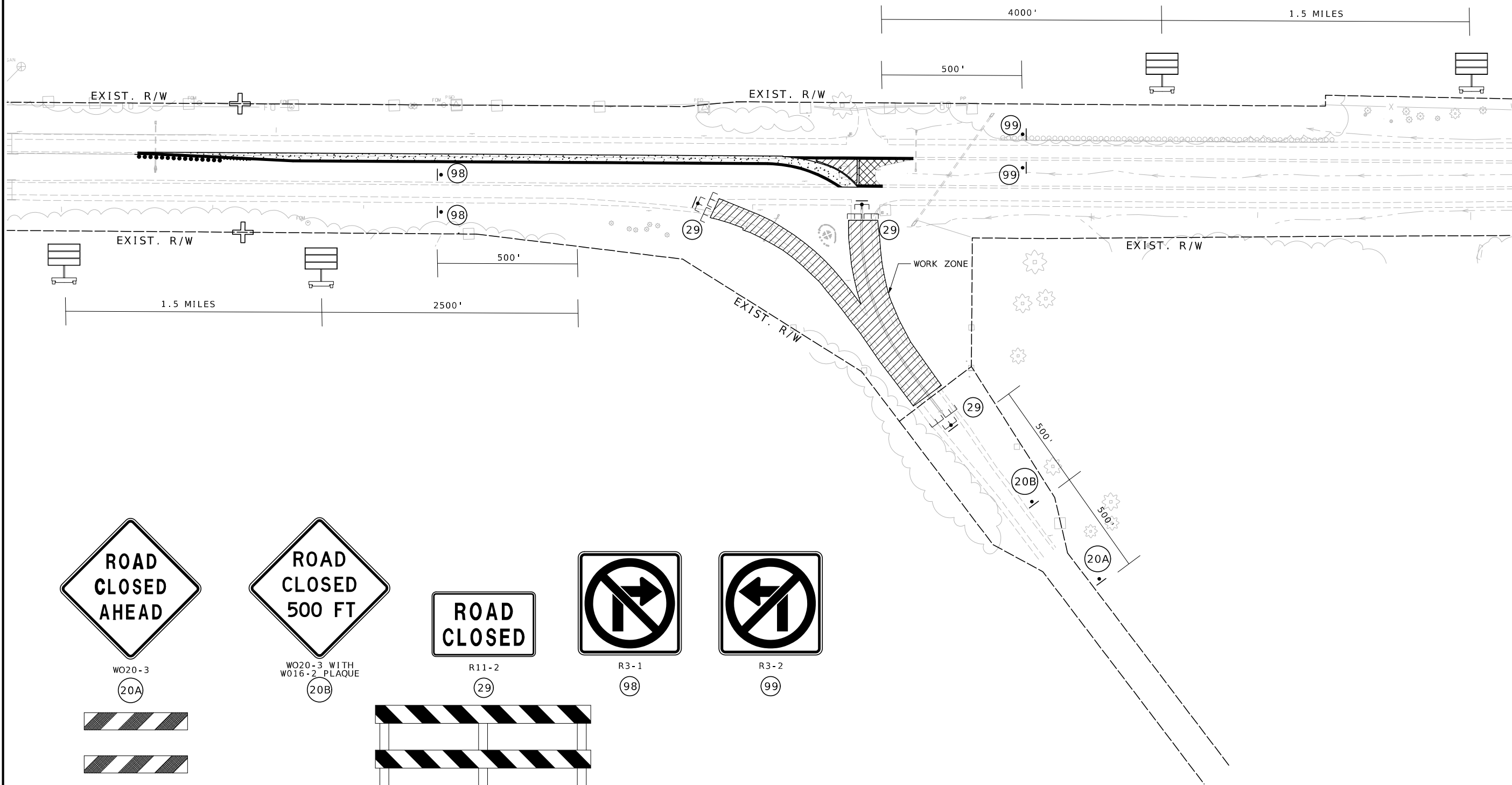
PHASE 1: CONSTRUCT ACCELERATION LANE IN MEDIAN FOR NORTHBOUND TO WEST BOUND LEFT WITH SEPARATOR ISLAND IN THE MEDIAN. MAINTAIN AT LEAST ONE 12-FOOT TRAVEL LANE OF US-50 IN BOTH DIRECTIONS.

TEMPORARY TRAFFIC CONTROL PHASE 1 SHEET 5 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  BARRICADE
-  CHANGEABLE MESSAGE BOARD



WO20-3
20A



WO20-3 WITH
W016-2 PLAQUE
20B



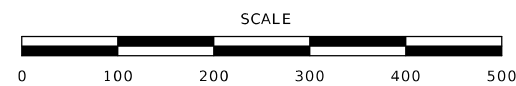
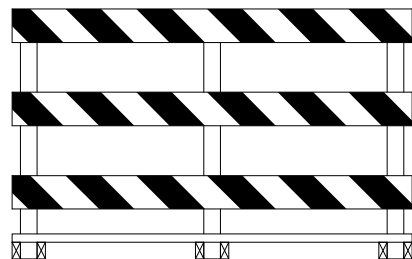
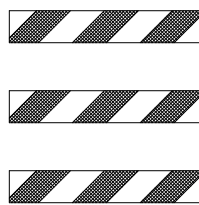
R11-2
29



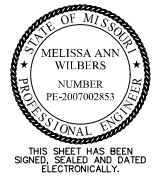
R3-1
98



R3-2
99



TEMPORARY
TRAFFIC CONTROL
INTERSECTION DETAIL
SHEET 7 OF 7



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 19

COUNTY JOHNSON
JOB NO. JKR0137
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION








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

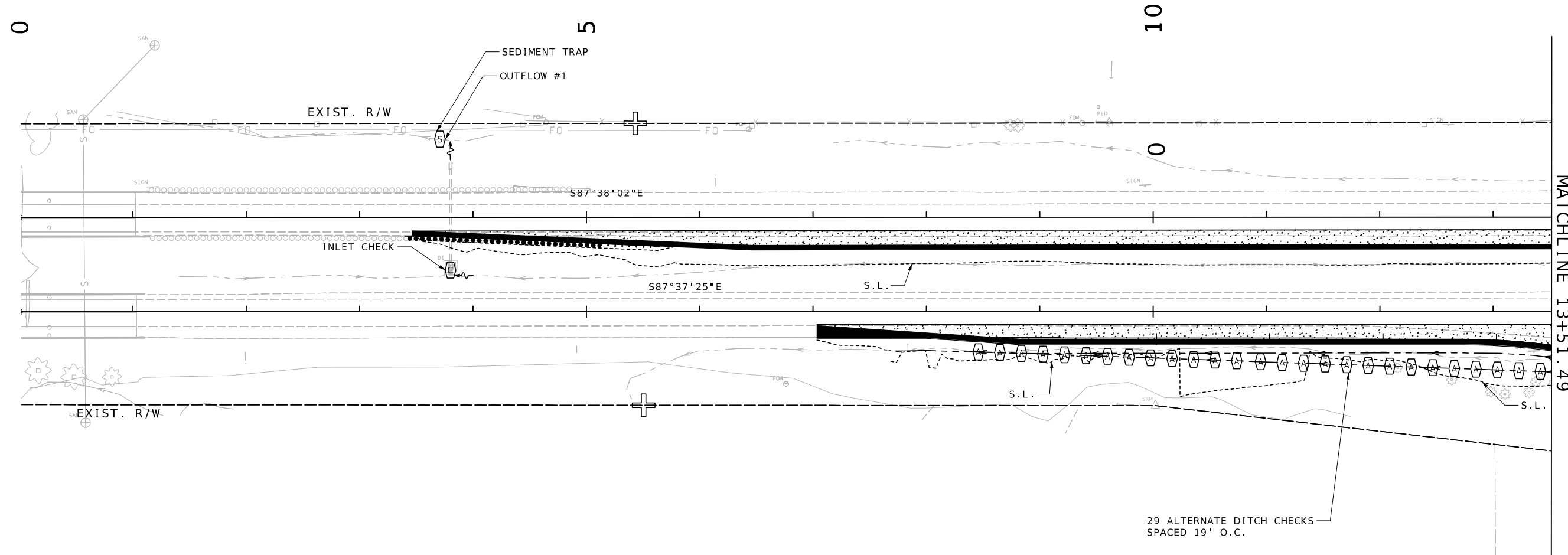
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PHONE 672-63-5181
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

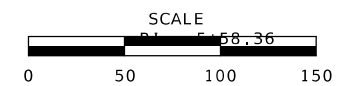
TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  ROCK DITCH CHECK
-  INLET CHECK
-  SEDIMENT TRAP
-  SILT FENCE



GENERAL NOTE :

- 1) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER)



EROSION CONTROL
SHEET 1 OF 3



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
11/22/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 20

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

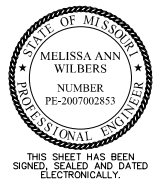
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MoDOT

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	21

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





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JEFFERSON CITY, MO 65102
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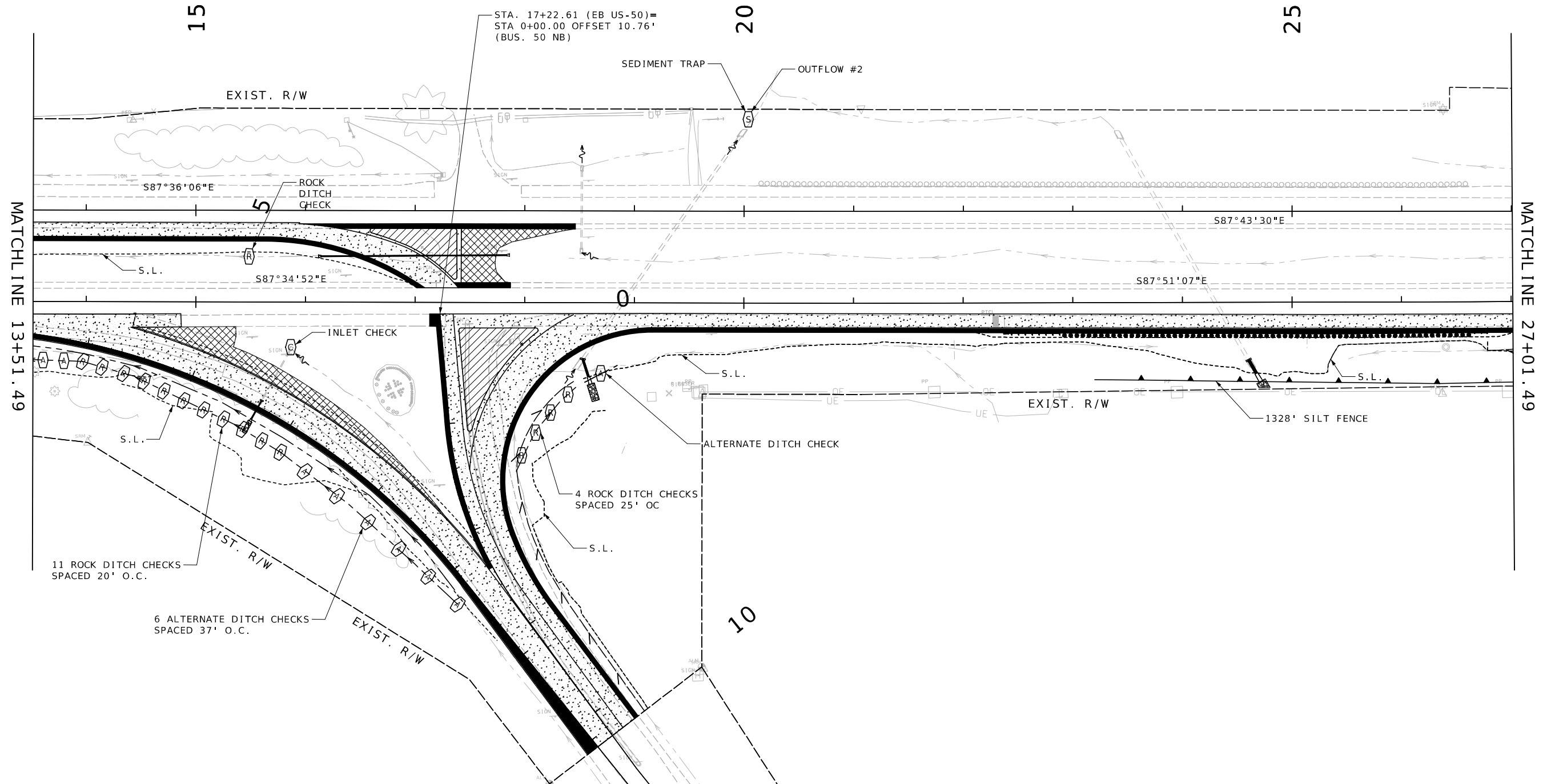
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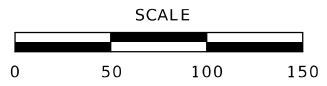
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE







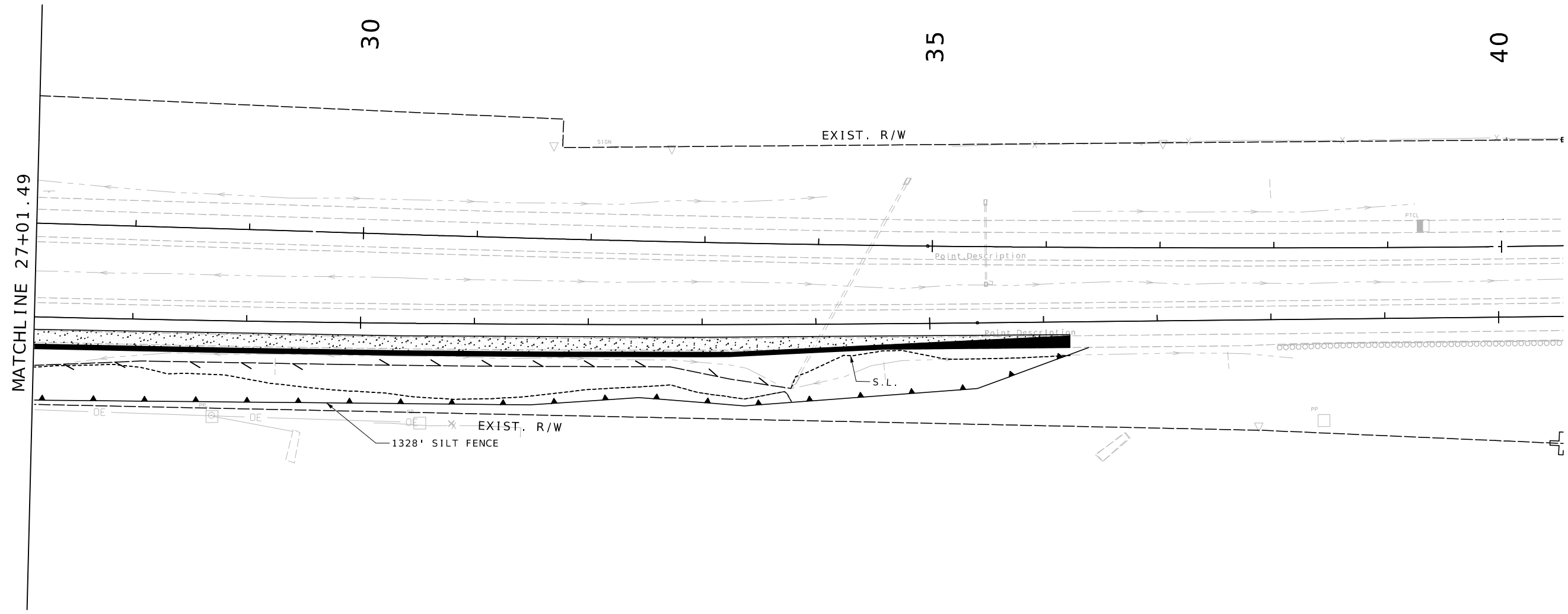
GENERAL NOTES:
1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER)



EROSION CONTROL
SHEET 2 OF 3

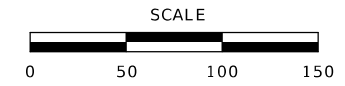
TEMPORARY EROSION CONTROL LEGEND

-  ALTERNATE DITCH CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP
-  SILT FENCE

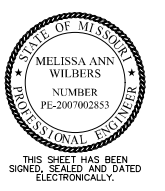


MATCHLINE 27+01.49

- GENERAL NOTES:**
- 1) SEE STD PLAN 806.10 FOR TEMPORARY EROSION CONTROL DETAILS
 - 3) THE PROJECT OUTLETS INTO "POST OAK CREEK" (RECEIVING WATER)



EROSION CONTROL
SHEET 3 OF 3



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 22

COUNTY JOHNSON

JOB NO. JKR0137


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

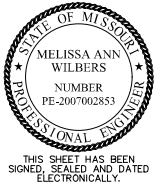


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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DATE PREPARED
11/19/2024

ROUTE	STATE
50	MO
DISTRICT	SHEET NO.
KC	23

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

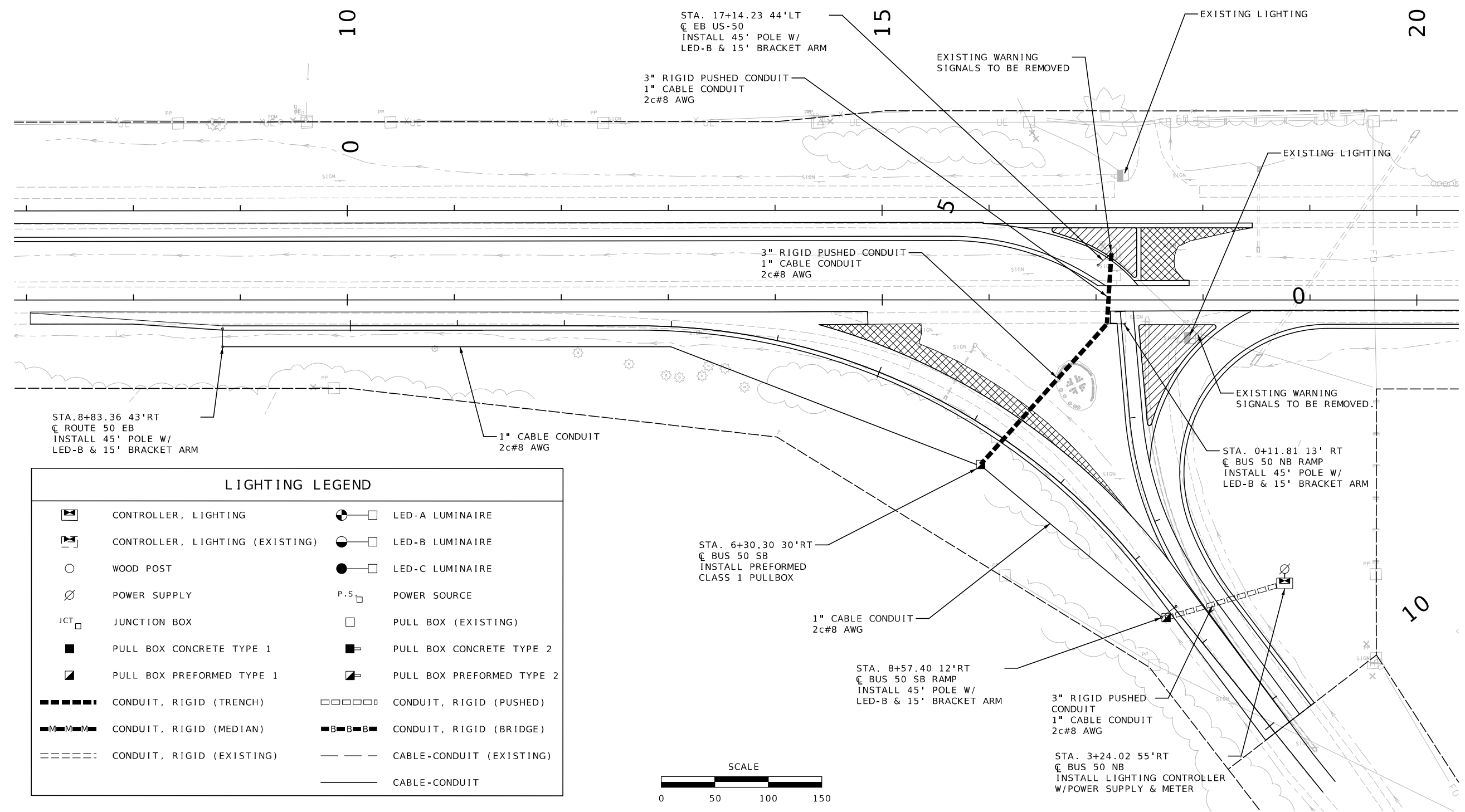
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

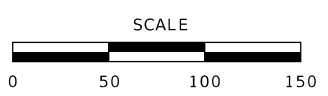
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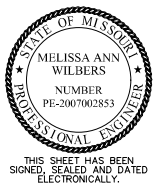
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT





DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 24

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

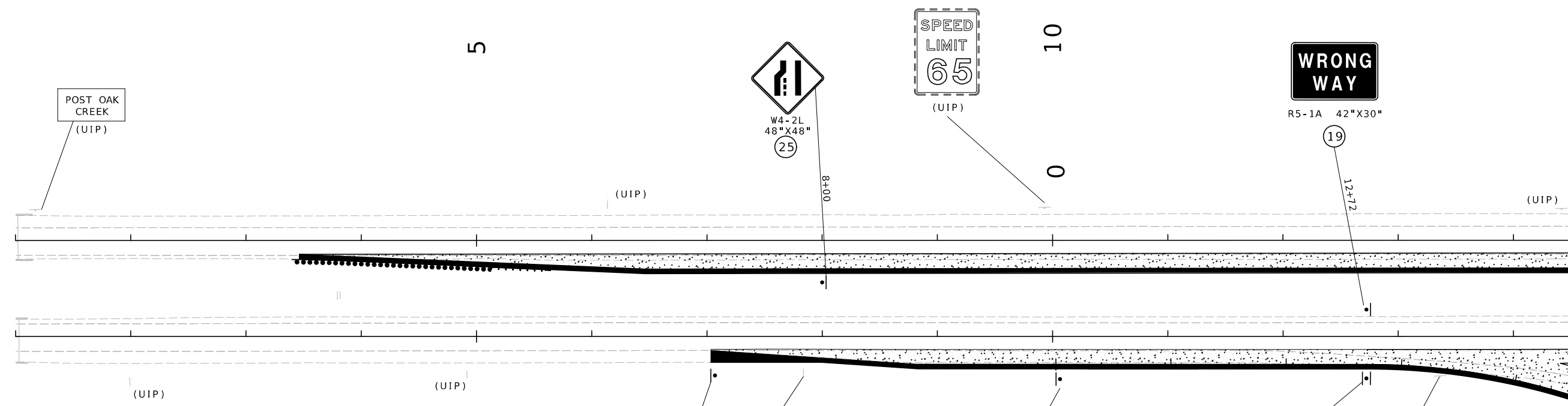
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



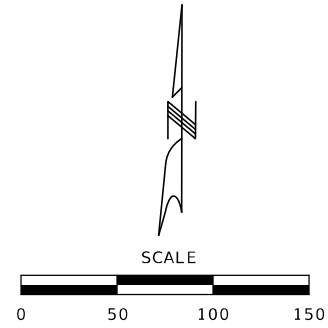
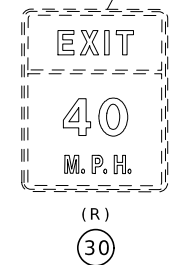
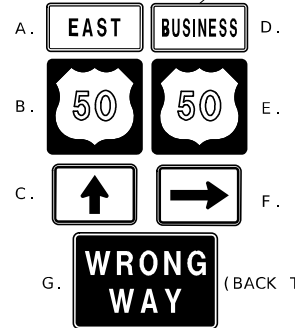
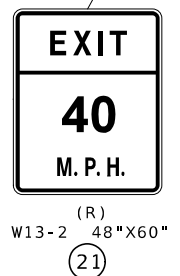
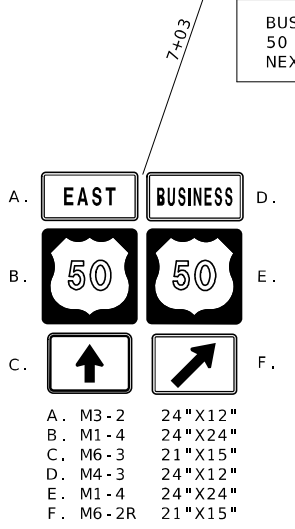
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

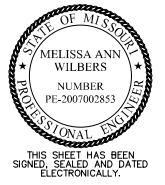


MATCHLINE 14+50



LEGEND
 (R) - TO BE REMOVED
 (UIP) - USE IN PLACE
 (RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 1 OF 9



DATE PREPARED
11/19/2024

ROUTE 50 STATE MO
DISTRICT KC SHEET NO. 25

COUNTY JOHNSON
JOB NO. JKR0137
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

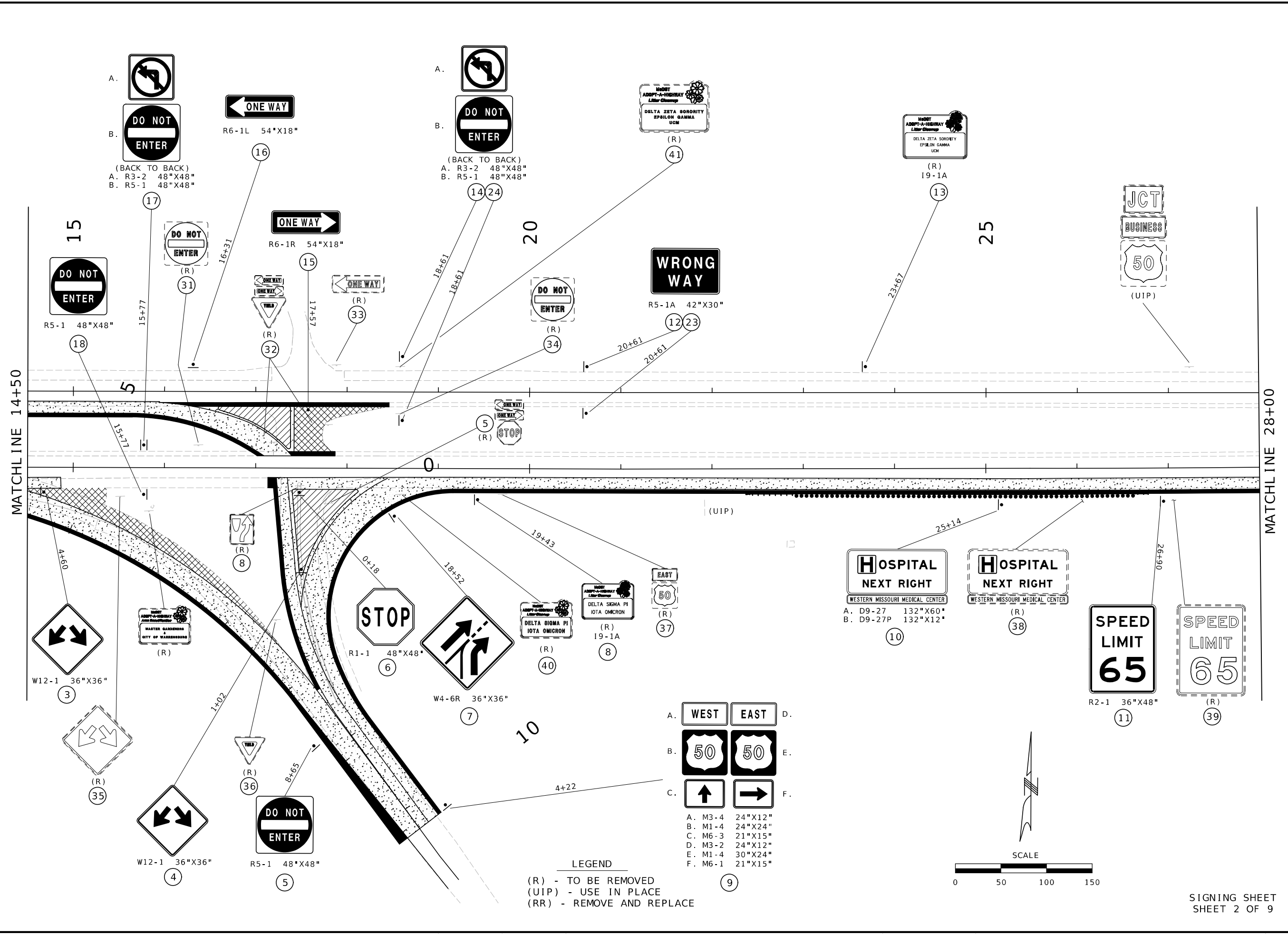
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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JEFFERSON CITY, MO 65102
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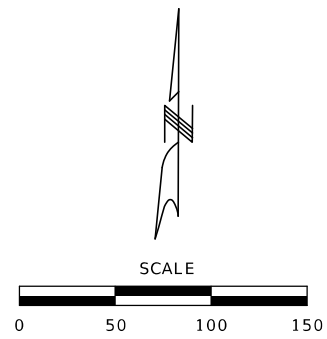
Bartlett & West
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PHONE 872-664-5181
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LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLACE
(RR) - REMOVE AND REPLACE

- A. WEST EAST D.
- B. 50 50 E.
- C. ↑ → F.
- A. M3-4 24"x12"
- B. M1-4 24"x24"
- C. M6-3 21"x15"
- D. M3-2 24"x12"
- E. M1-4 30"x24"
- F. M6-1 21"x15"



SIGNING SHEET
SHEET 2 OF 9

MATCHLINE 28+00

30

35

40

MATCHLINE 41+50

(UIP)

(UIP)

(UIP)

(UIP)



28

W4-2R
48" X 48"

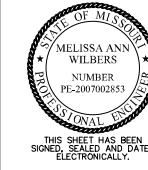


SCALE



Point Description

Point Description



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 26

COUNTY
JOHNSON

JOB NO.
JKR0137

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
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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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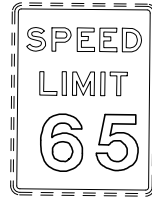
LEGEND
(R) - TO BE REMOVED
(UIP) - USE IN PLCE
(RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 3 OF 9

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 41+50

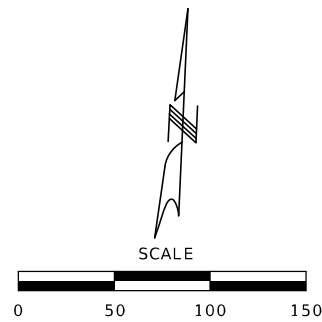
45



(UIP)

(UIP)

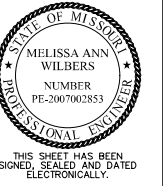
(UIP)



LEGEND

- (R) - TO BE REMOVED
- (UIP) - USE IN PLACE
- (RR) - REMOVE AND REPLACE

SIGNING SHEET
SHEET 4 OF 9



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 27

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

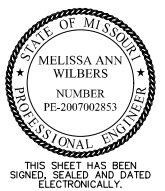
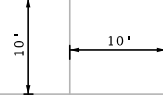
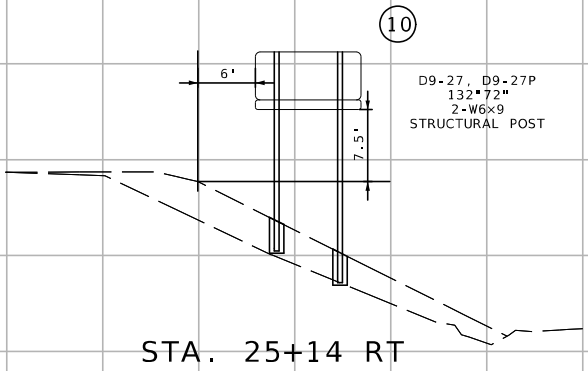
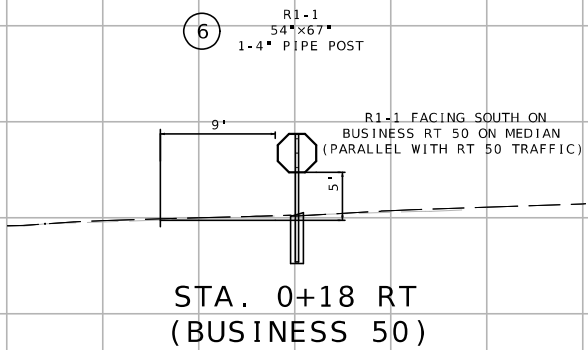
DATE	DESCRIPTION

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 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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DATE PREPARED
11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 28

COUNTY JOHNSON

JOB NO. JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

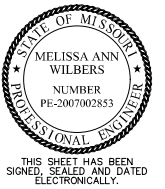
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West

601 MONROE ST., SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGNING SHEET
SHEET 5 OF 9

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

11/19/2024

ROUTE STATE

50 MO

DISTRICT SHEET NO.

KC 31

COUNTY

JOHNSON

JOB NO.

JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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STANDARD SIGN ASSEMBLIES										SIGN SUMMARY											
SIGN NUMBER	STATION	LOCATION	TYPE										STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET					
			SHR2L-1	SHR2L-1	SIGN DESCRIPTION, SIZES & NUMBER OF EACH											SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A	
			EXIT 40 W13-2 48"x60"	HOSPITAL 19-1A 48"x36"	D9-27 132"x60"	D9-27P 132"x60"	W4-2R 48"x48"	W4-2L 48"x48"	W4-6R 36"x36"	W4-6L 36"x36"	W4-6R 36"x36"	W4-6L 36"x36"									
1	7+03	EB50 RT												W13-2 (EXIT SPEED 40)	STD	1	48" x 60"	20			
2	12+72	EB50 RT												I9-1A (ADOPT-A-HIGHWAY)	STD	2	48" x 36"	48			
3	4+60	EB50 RT												D9-27 (HOSPITAL NEXT RIGHT)	33	1	132" x 60"	55			
4	1+02	BUS50 RT												D9-27P (WESTERN MISSOURI MEDICAL CENTER)	33	1	132" x 12"	11			
5	8+65	BUS50 LT												W4-2R (RIGHT LANE ENDS)	STD	1	48"x48"	16			
6	0+18	BUS50 RT												W4-2L (LEFT LANE ENDS)	STD	1	48"x48"	16			
7	18+52	EB50 RT												W4-6R (ADDED LANE RIGHT)	STD	1	36"x36"	9			
8	19+43	EB50 RT		1																	
9	4+22	BUS50 RT																			
10	25+14	EB50 RT			1	1															
11	26+90	EB50 RT																			
12	20+61	WB50 LT																			
13	23+67	WB50 LT		1																	
14	18+61	WB50 LT																			
15	17+57	WB50 RT																			
16	16+31	WB50 LT																			
17	15+77	EB50 LT																			
18	15+77	EB50 RT																			
19	12+72	EB50 LT																			
20																					
21	10+07	EB50 RT		1																	
22																					
23	20+61	WB50 RT																			
24	18+61	WB50 RT																			
25	8+00	WB50 RT																			
28	32+79	EB50 RT																			
												SUBTOTAL			175						
												TOTAL			437		18				

* ORANGE, YELLOW & YELLOW/GREEN

SIGNING SHEET SHEET 8 OF 9

D-30

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 873-464-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 32

COUNTY
JOHNSON

JOB NO.
JKR0137

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

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PHONE 872-634-5181
CERTIFICATE OF AUTHORITY NO. 000707 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGN NO.	10
STATION	25+14
ROADWAY	EB 50 RIGHT



D9-27 ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Blue;
"OSPITAL", E Mod; "NEXT RIGHT", E Mod;

D9-27P ST-STRUCTURAL;
3.000" Radius, 1.000" Border, White on, Blue;
"WESTERN MISSOURI MEDICAL CENTER", C 90% spacing;

Table of letter and object lefts

H	O	S	P	I	T	A	L	
14.125	42.125	54.625	67.250	79.875	84.750	94.500	109.000	
N	E	X	T	R	I	G	H	T
20.750	31.250	40.750	50.750	68.250	78.750	83.250	93.875	103.875
W	E	S	T	E	R	N		
4.000	9.375	13.375	17.500	21.375	25.375	29.750		
M	I	S	S	O	U	R	I	
38.000	43.000	45.000	49.250	53.375	58.000	62.500	66.875	
M	E	D	I	C	A	L		
72.750	77.750	81.625	86.125	88.000	92.000	96.625		
C	E	N	T	E	R			
104.625	108.750	112.750	116.875	120.875	124.750			

SIGNING SHEET
SHEET 9 OF 9

D-31

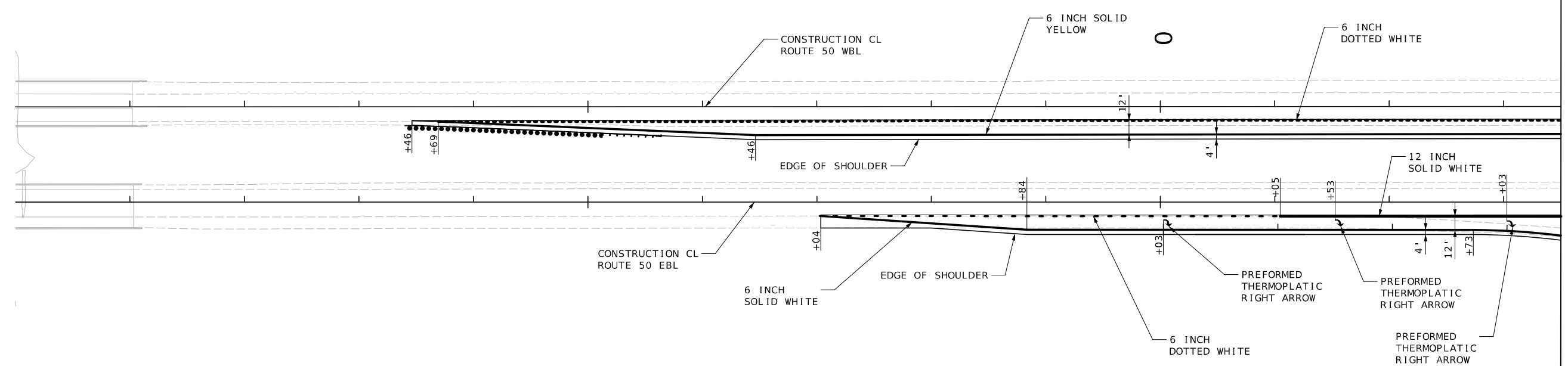
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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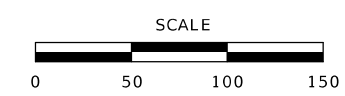
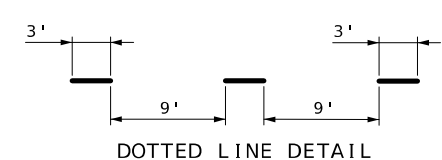
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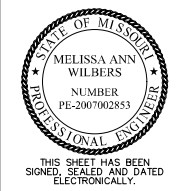


MATCHLINE 13+50.00



PAVEMENT MARKING SHEET 1 OF 3

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.



DATE PREPARED 11/19/2024

ROUTE 50 STATE MO

DISTRICT KC SHEET NO. 33

COUNTY JOHNSON

JOB NO. JKR0137

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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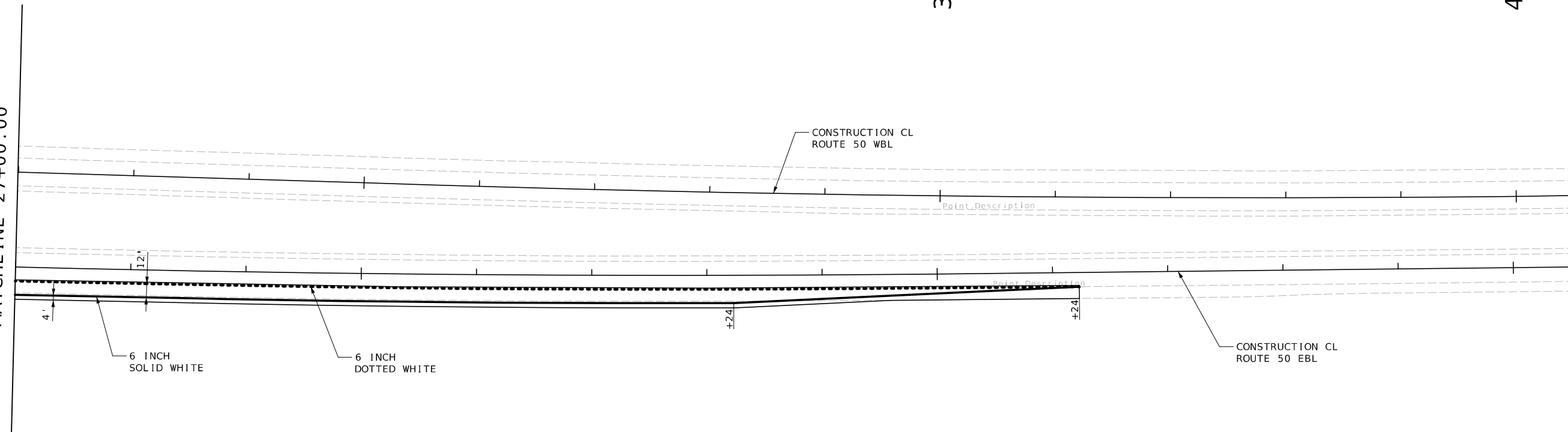
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE 27+00.00

30

35

40

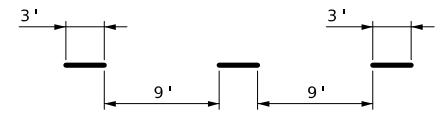


6 INCH SOLID WHITE

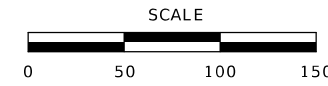
6 INCH DOTTED WHITE

CONSTRUCTION CL ROUTE 50 WBL

CONSTRUCTION CL ROUTE 50 EBL



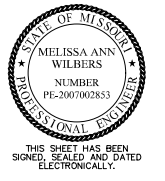
DOTTED LINE DETAIL



SCALE

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

PAVEMENT MARKING SHEET 3 OF 3



DATE PREPARED
11/19/2024

ROUTE STATE
50 MO

DISTRICT SHEET NO.
KC 35

COUNTY
JOHNSON

JOB NO.
JKR0137

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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