NO RIGHT-OF-WAY ACQUISITION

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

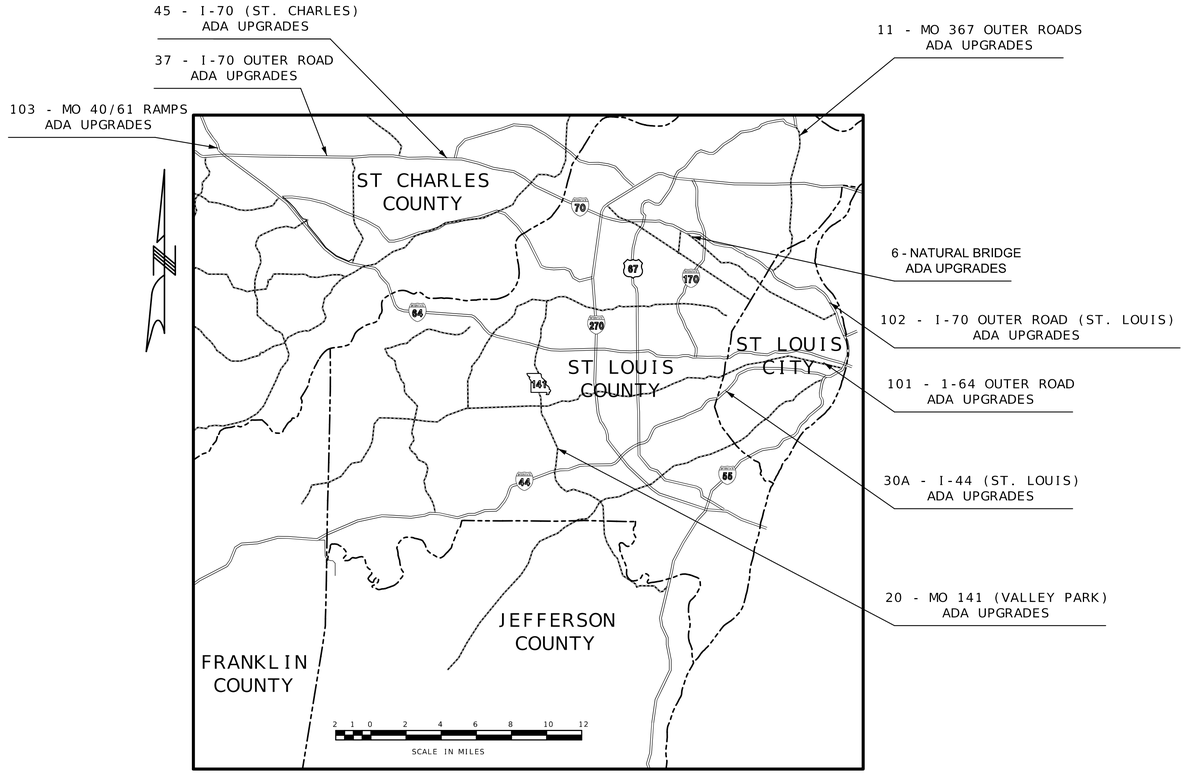
SAINT LOUIS DISTRICT WIDE

ADA IMPROVEMENTS

ST CHARLES COUNTY
ST LOUIS COUNTY
ST LOUIS CITY



KEY MAP
LOCATION OF ST CHARLES COUNTY
ST LOUIS COUNTY
ST. LOUIS CITY



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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL DETAILS (TS) (9 SHEETS)	2
QUANTITIES (QU) (21 SHEETS)	3
MO 141 (VALLEY PARK) PLAN SHEETS	4 - 7
I-44 (ST. LOUIS) PLAN SHEETS	8 - 17
I-70 OUTER ROAD	18 - 25
I-64 OUTER ROAD	26 - 28
I-70 OUTER ROAD (ST. LOUIS)	29 - 30
MO 40/61 RAMPS	31 - 33
NATURAL BRIDGE PLAN SHEETS	34 - 50
MO 367 (OUTER ROADS) PLAN SHEETS	51 - 66
I-70 ST. CHARLES PLAN SHEETS	67 - 83
REF. POINTS & COORDINATE SHEETS	84 -112
SPECIAL SHEET (SS)	113
TRAFFIC CONTROL (TC)	114-122
EROSION CONTROL (EC)	123-124
SIGNALS (SG)	125-195

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	1

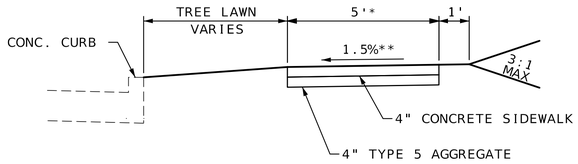
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

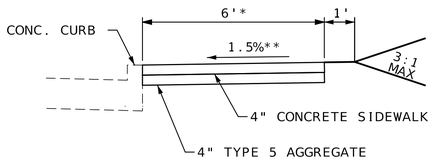
REV.	DESCRIPTION	DATE

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

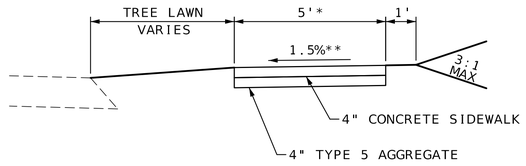
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523



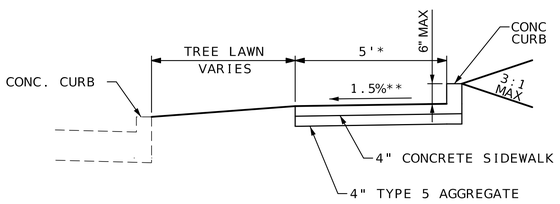
S1 CURB-TREE LAWN-SIDEWALK



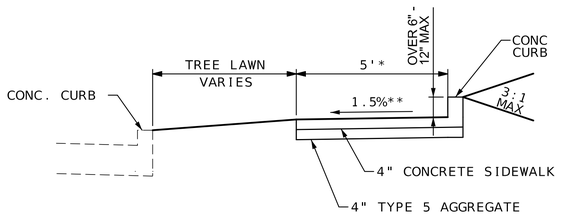
S2 CURB-SIDEWALK



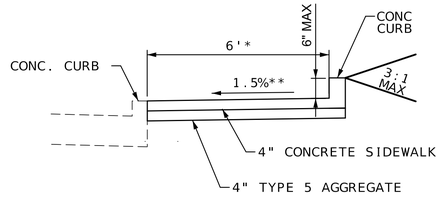
S3 NO CURB-TREE LAWN-SIDEWALK



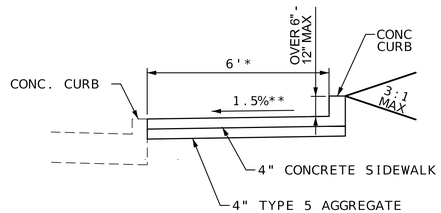
S4 CURB-TREE LAWN-SIDEWALK-CURB ≤ 6"



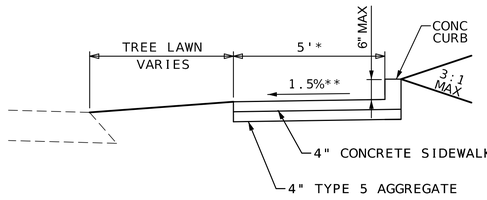
S5 CURB-TREE LAWN-SIDEWALK-CURB > 6"



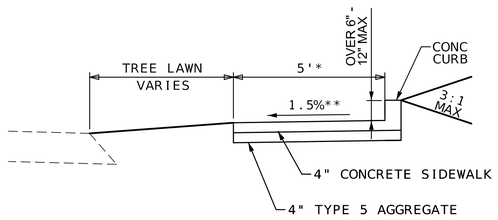
S6 CURB-SIDEWALK-CURB ≤ 6"



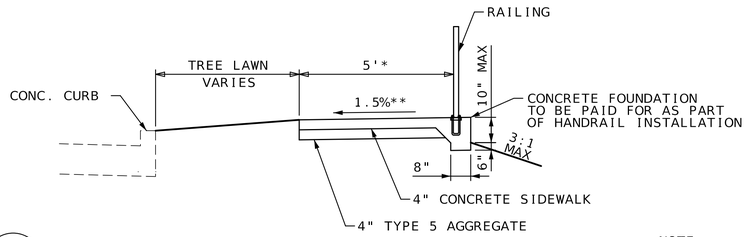
S7 CURB-SIDEWALK-CURB > 6"



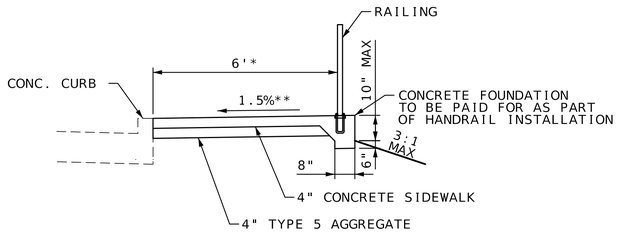
S8 NO CURB-TREE LAWN-SIDEWALK-CURB ≤ 6"



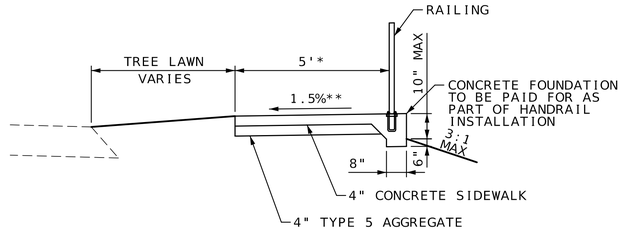
S9 NO CURB-TREE LAWN-SIDEWALK-CURB > 6"



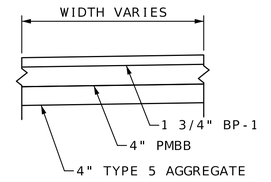
S10 CURB-TREE LAWN-SIDEWALK-CURB-RAILING



S11 CURB-SIDEWALK-RAILING



S12 NO CURB-TREE LAWN-SIDEWALK-RAILING



A ASPHALT SIDEWALK/REPAIR DETAIL

PLAN SHEET LEGEND

S#	SIDEWALK TYPICAL SECTION DESIGNATION
C#	CURB RAMP TYPICAL SECTION DESIGNATION
R#	OTHER REPAIR TYPICAL SECTION DESIGNATION
S#-A	SIDEWALK TYPICAL SECTION DESIGNATION USING ASPHALT MATERIALS
SDF-#	DRAINAGE FLUME SECTION DESIGNATION

NOTE:
* UNLESS SHOWN OTHERWISE ON PLAN SHEETS

** THE NEW SIDEWALK SLOPE DIRECTION SHOULD MATCH SLOPE DIRECTION OF EXISTING SIDEWALK.

TYPICAL DETAILS

SHEET 1 OF 9

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	2

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

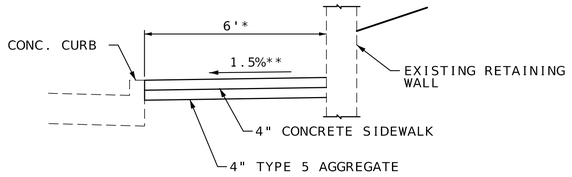
DESCRIPTION	DATE

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

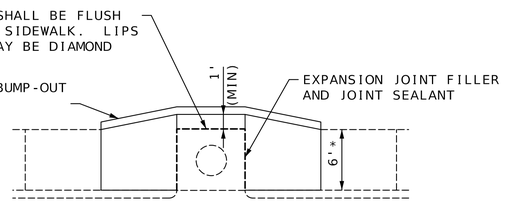
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

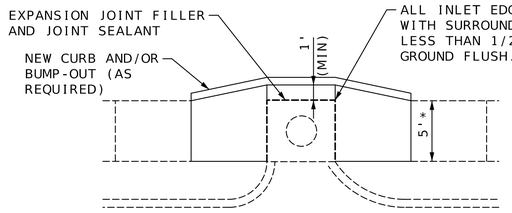
REV.



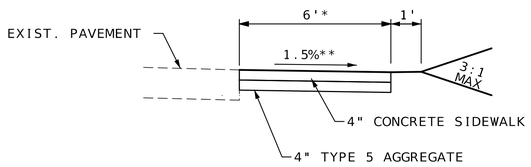
S13 CURB-SIDEWALK-RETAINING WALL



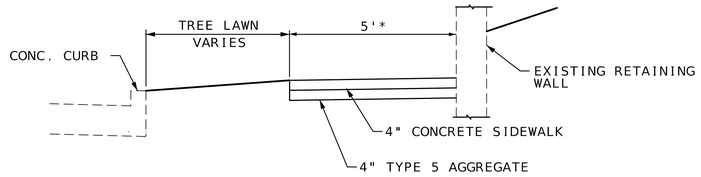
S14 SIDEWALK AT BACK OF CURB AND AT INLET



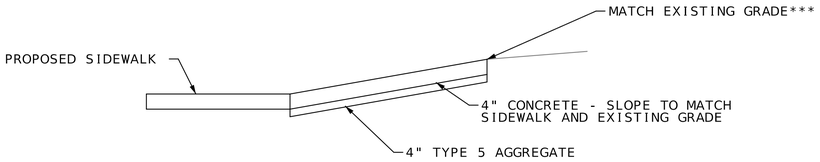
S15 SIDEWALK WITH TREELAWN AND AT INLET



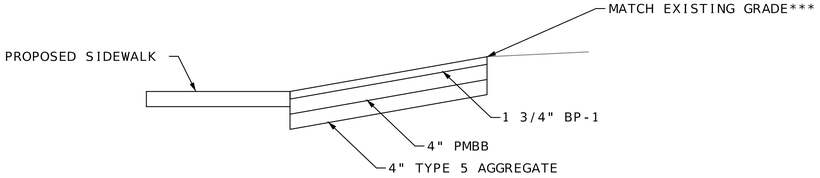
S16 PAVEMENT-SIDEWALK



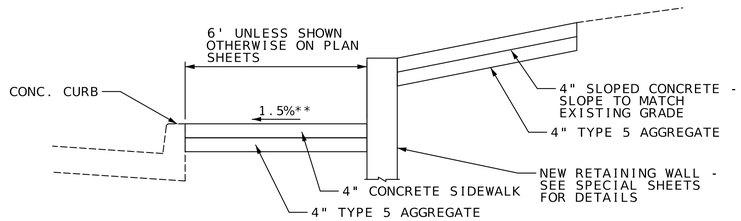
S17 CURB-TREE LAWN-SIDEWALK-RETAINING WALL



S18 SLOPED CONCRETE DETAIL

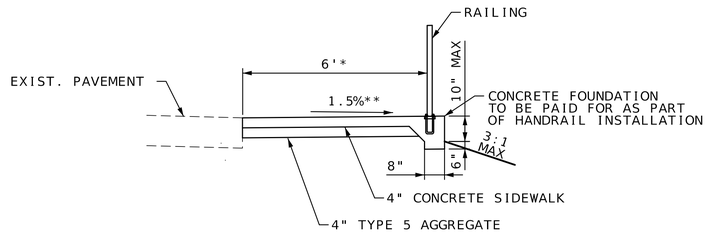


S19 ASPHALT REPAIR DETAIL



S20 CURB-SIDEWALK-RETAINING WALL

NOTES:
** THE NEW SIDEWALK SLOPE DIRECTION SHOULD MATCH SLOPE DIRECTION OF EXISTING SIDEWALK.



S21 PAVEMENT-SIDEWALK-RAILING

NOTES:
* UNLESS SHOWN OTHERWISE ON PLAN SHEETS

** THE NEW SIDEWALK SLOPE DIRECTION SHOULD MATCH SLOPE DIRECTION OF EXISTING SIDEWALK.

*** NO DIRECT PAY FOR SAWCUTS

1. ASPHALT REPAIR IS PAID FOR PER ASPHALT SIDEWALK PAY ITEM. REFER TO JSP.

2. SLOPED CONCRETE SHALL BE PAID FOR AS CONCRETE SIDEWALK (4")

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

DESCRIPTION | DATE | REV.

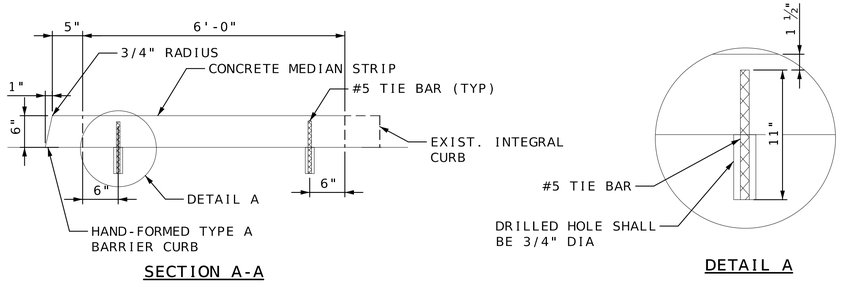
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TYPICAL DETAILS

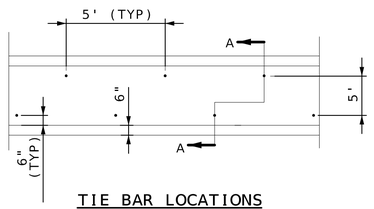
SHEET 2 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\02_TS_02_J6P3510E_I5.dgn 10:55:04 AM 8/4/2026



SECTION A-A

DETAIL A



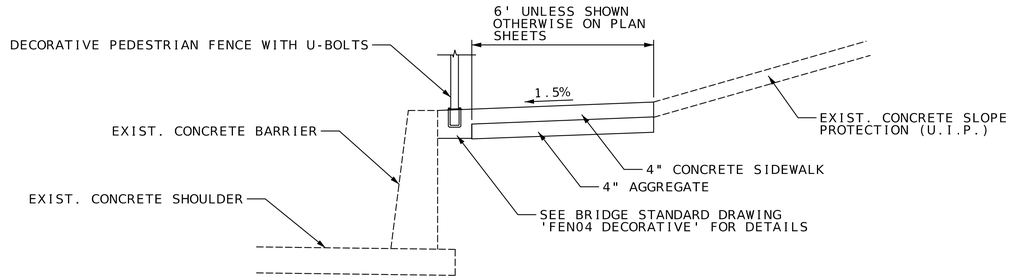
TIE BAR LOCATIONS

S22 SIDEWALK/MEDIAN

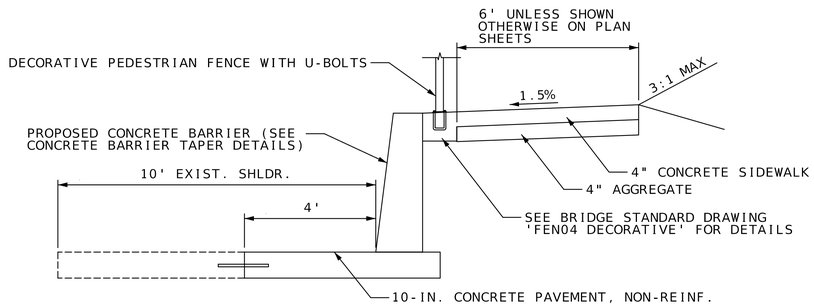
GENERAL NOTES:

TIE BARS SHALL BE EPOXY COATED, DEFORMED REINFORCING BARS MEETING THE REQUIREMENTS OF SECTION 710 AND 1057.

BONDING FOR TIE BARS SHALL BE EPOXY OR POLYESTER BONDING AGENTS AS SPECIFIED IN SECTION 1039.



S23 EXISTING BARRIER-FENCE-SIDEWALK



S24 PROPOSED BARRIER-FENCE-SIDEWALK

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	2

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

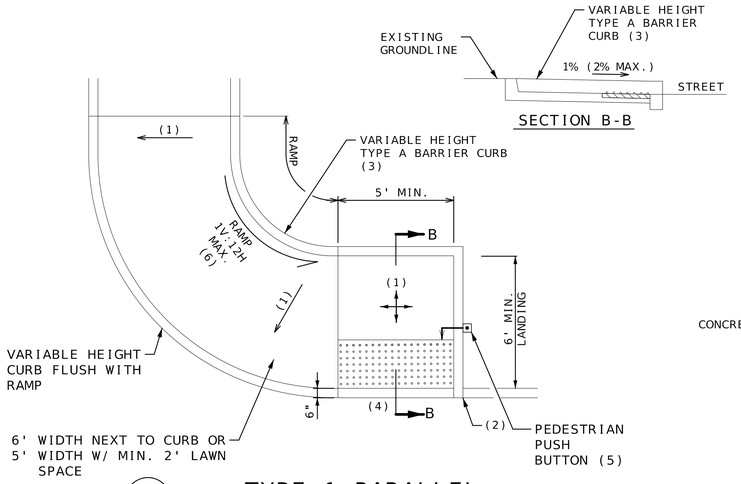
TYPICAL DETAILS

SHEET 3 OF 9

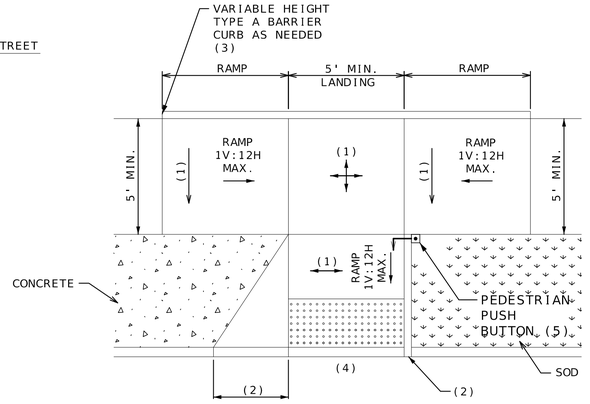
REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\02_TS_03_J6P3510E_I5.dgn 10:55:04 AM 8/4/2026

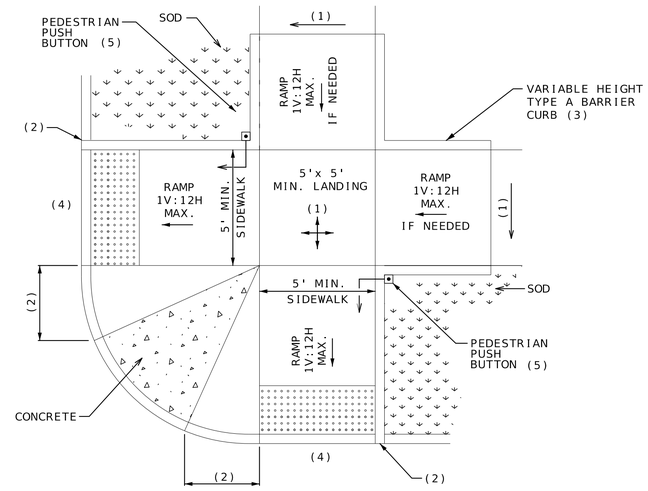
DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED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



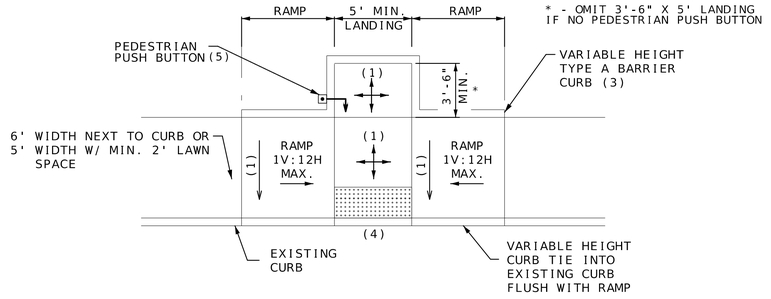
C1 TYPE 1 PARALLEL



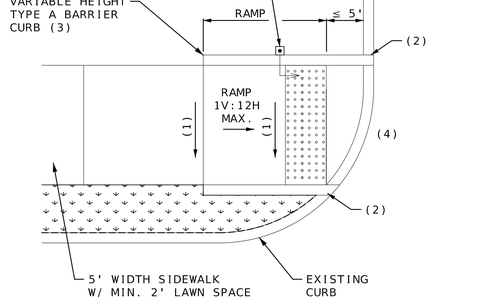
C4 COMPOUND PERPENDICULAR



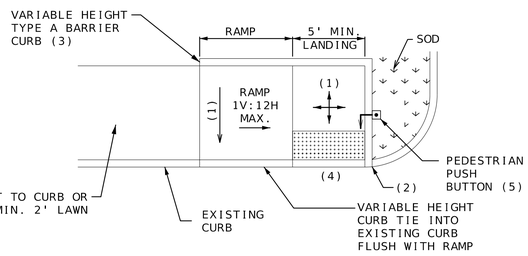
C7 DUAL PERPENDICULAR



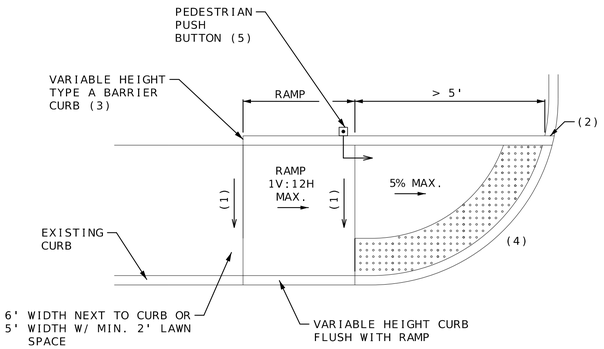
C2 TYPE 2 PARALLEL



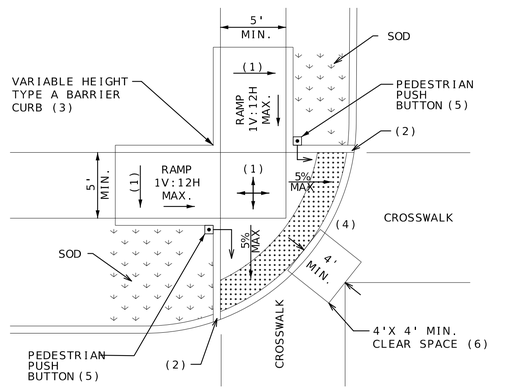
C5 SMALL RADIUS PERPENDICULAR



C3 TYPE 3 PARALLEL



C6 LARGE RADIUS PERPENDICULAR



C8 BLENDED TRANSITION

GENERAL NOTES:

(1) 1.0% MINIMUM, 2.0% MAXIMUM CROSS SLOPE OR ROAD GRADE EXCEPTION.
(2) VARIABLE HEIGHT VERTICAL CURB. IF TRAVERSABLE USE A MAX. 1V:10H FLARE MEASURED PARALLEL TO THE CURB LINE.
(3) HEIGHT VARIES TO MEET EXISTING GROUND.
(4) THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF CURB RAMP RUNS, BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 5% MAXIMUM.
(5) THE FACE OF PEDESTRIAN PUSH BUTTONS SHALL BE OFFSET 0" FOR FRONT APPROACH AND 10" MAX. FOR SIDE APPROACH TO THE CURB FACE.
(6) BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE 4'X 4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE.
(7) ENSURE THAT THE INSIDE EDGE OF CURVED RAMPS MAINTAIN AN 8.3% (1V:12H) MAXIMUM SLOPE.
(8) TRUNCATED DOMES INSTALLED ONLY IF SHOWN ON PLAN VIEW.
(9) AT LOCATIONS WHERE THE PROPOSED CURB RAMP IS WIDER THAN THE EXISTING SIDEWALK, ONE SECTION OF TRANSITIONAL SIDEWALK SHALL BE REMOVED AND REPLACED TO ACHEIVE THE REQUIRED TRANSITION.

TYPICAL DETAILS

SHEET 4 OF 9

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	2

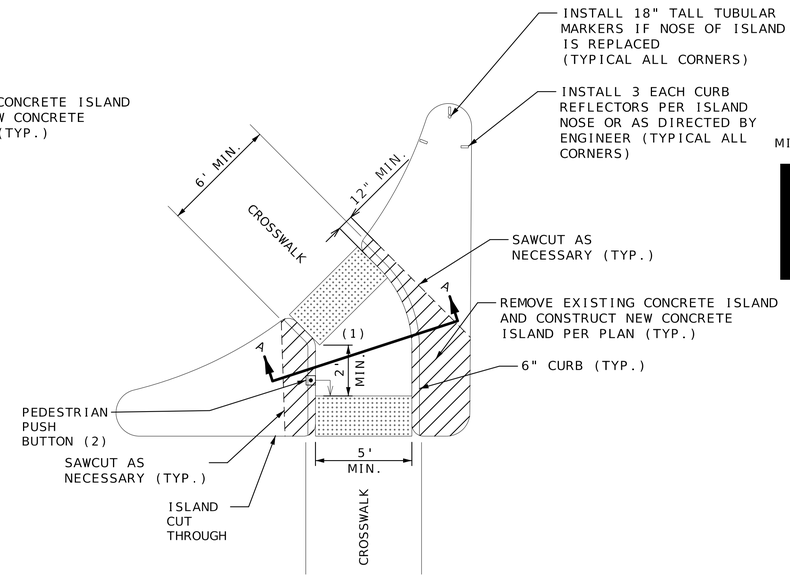
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

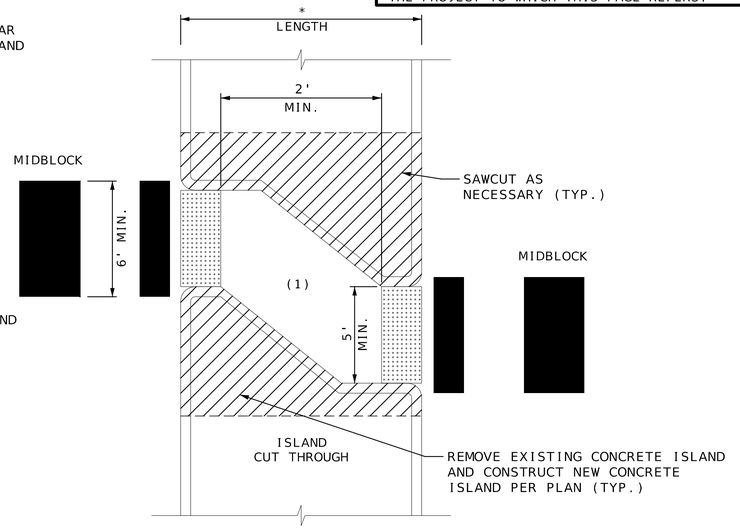
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

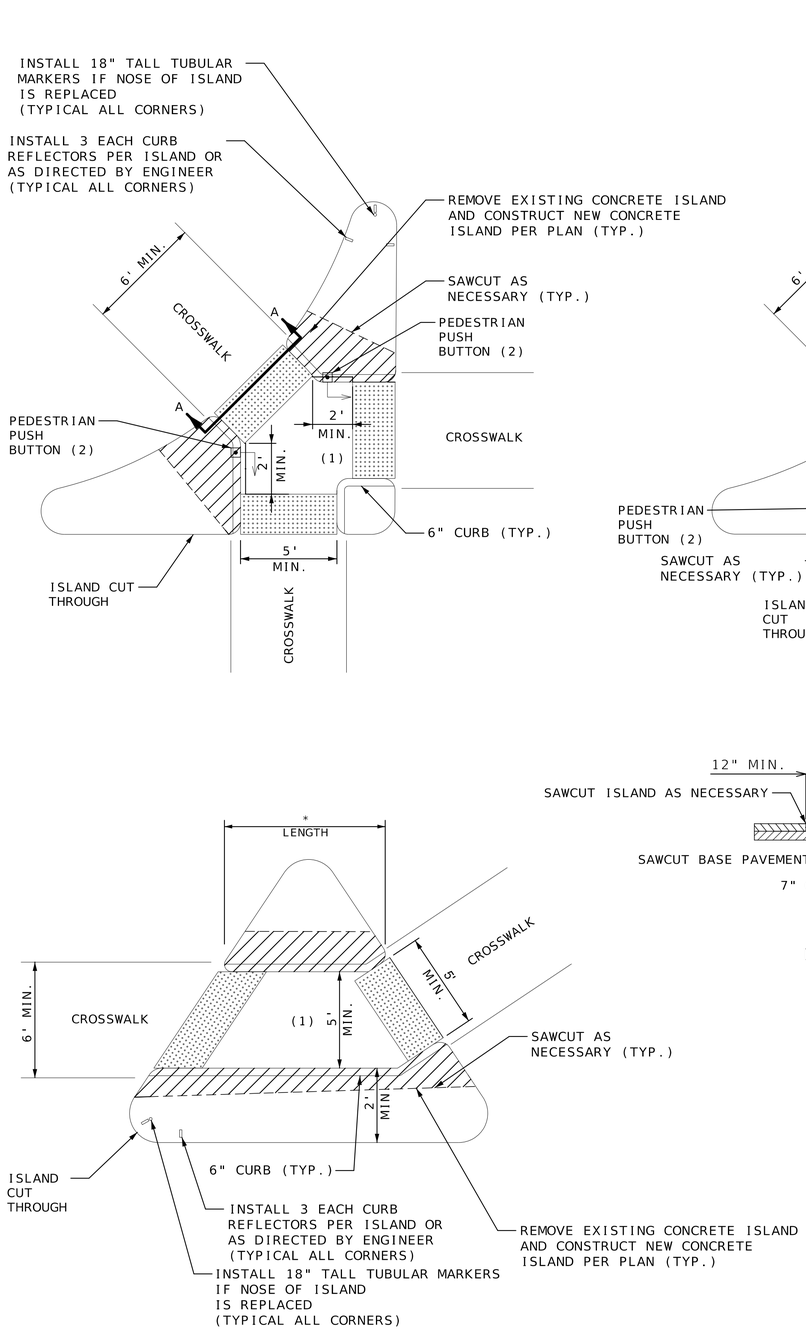
DESCRIPTION	DATE	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

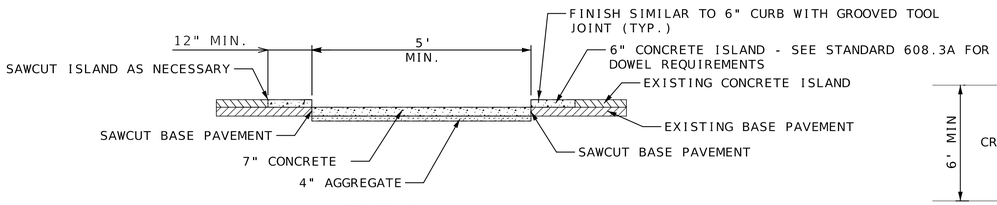
DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED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



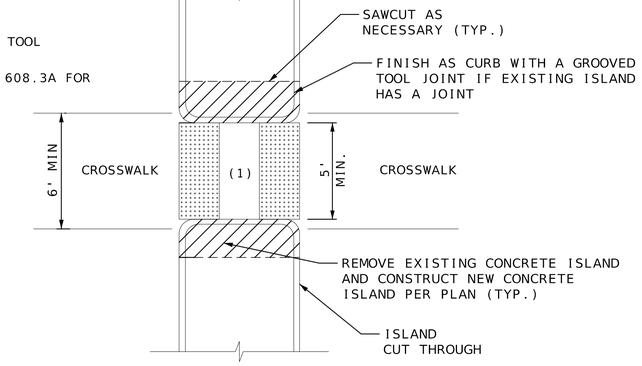




C9 ISLAND CUT THROUGHS



SECTION A-A
ISLAND CUT THROUGH TYPICAL



NOTES:

BUILD A RAMP OR CONSTRUCT A CUT-THROUGH DEPENDING ON SITE CONDITIONS. IF RAMPED, THEN PROVIDE A MINIMUM 5'x 5' LANDING AREA.

RAMPS SHALL NOT EXCEED 1V:12H SLOPE AND MUST DRAIN AWAY FROM THE ISLAND.

CONSTRUCT IN ACCORDANCE WITH STANDARD DETAILS 608.30A AND 609.00R.

WHEN REMOVING CONCRETE ISLAND THE BASE CONCRETE PAVEMENT IS TO REMAIN. NO DIRECT PAYMENT IS PROVIDED FOR CONCRETE ISLAND SAW CUTS. THE COST FOR REMOVAL OF THE EXISTING CONCRETE ISLAND SHALL BE INCLUDED AS PART OF THE NEW CONCRETE MEDIAN PAY ITEM.

SAWCUT BASE CONCRETE PAVEMENT FOR NEW CUT THROUGH LOCATION.

CURB REFLECTORS PAID FOR PER ITEM NO. 903-99.02

18" ISLAND TUBULAR MARKERS AND CURB REFLECTORS - SEE JOB SPECIAL PROVISIONS

C10 MEDIAN CUT THROUGHS

(1) DETECTABLE WARNING SURFACES SHALL BE PLACED AT THE EDGES OF THE PEDESTRIAN ISLAND AND SHALL BE SEPARATED BY 2' MIN. LENGTH OF SURFACE WITHOUT DETECTABLE WARNINGS.
(2) PEDESTRIAN PUSH BUTTONS SHALL BE OFFSET 0" FOR FRONT APPROACH AND 10" MAX. FOR SIDE APPROACH TO THE CURB FACE.

* DETECTABLE WARNING SURFACES SHALL BE OMITTED IF LENGTH IS < 6', BECAUSE REFUGE SPACE IS DEEMED TOO SMALL.

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 2
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE
REV.

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

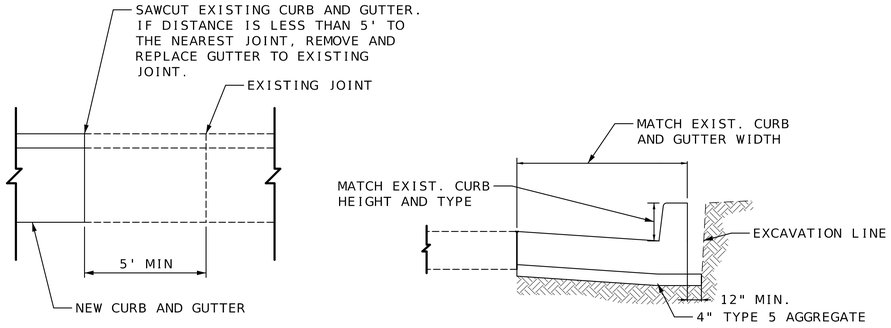
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

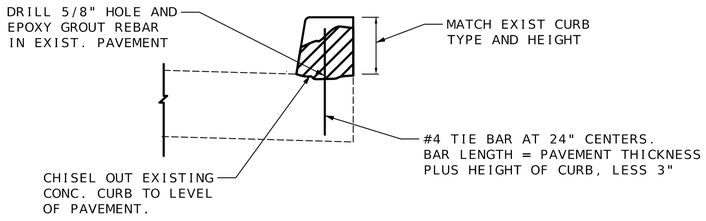
TYPICAL DETAILS

SHEET 5 OF 9

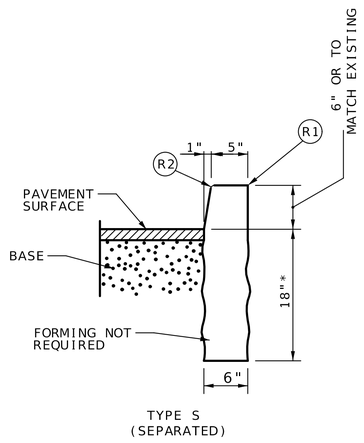
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\02_TS_05_J6P3510E_I5.dgn 10:55:06 AM 8/4/2026



R1 CURB AND GUTTER REPAIR



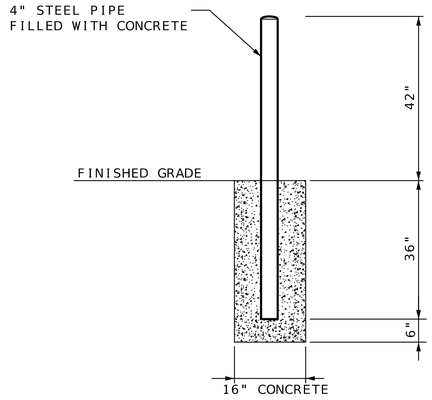
R2 INTEGRAL CURB REPAIR



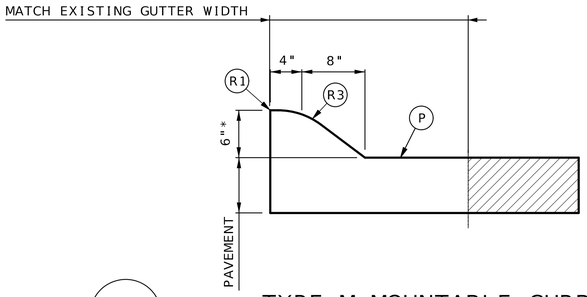
TYPE S
(SEPARATED)

* DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

R6 TYPE "S" CURB DETAIL



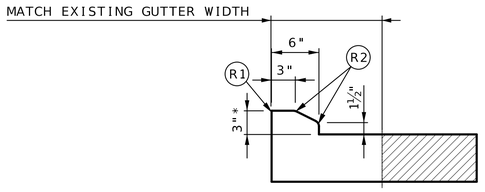
BOLLARD DETAIL



BEGINNING AND ENDING OF INTRODUCED LOW PROFILE CURB SHALL UTILIZE CURB HEIGHT RUNOUT FROM 0 INCHES TO 3 INCHES IN 5 FEET. PAYMENT LENGTH SHALL INCLUDE TAPERS.

* CURB HEIGHT MAY BE REDUCED TO MATCH SITE CONDITIONS WITH APPROVAL OF ENGINEER.

R6-M TYPE M MOUNTABLE CURBS



(P) TOP OF PAVEMENT OR CONCRETE BASE.

(R1) ROUND TO ¼" RADIUS (EXCEPT FOR SAWED JOINTS).

(R2) ROUND TO ¾" RADIUS.

(R3) CONSTRUCT TO 9" RADIUS.

R6-E TYPE E LOW PROFILE CURB

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	2

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

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

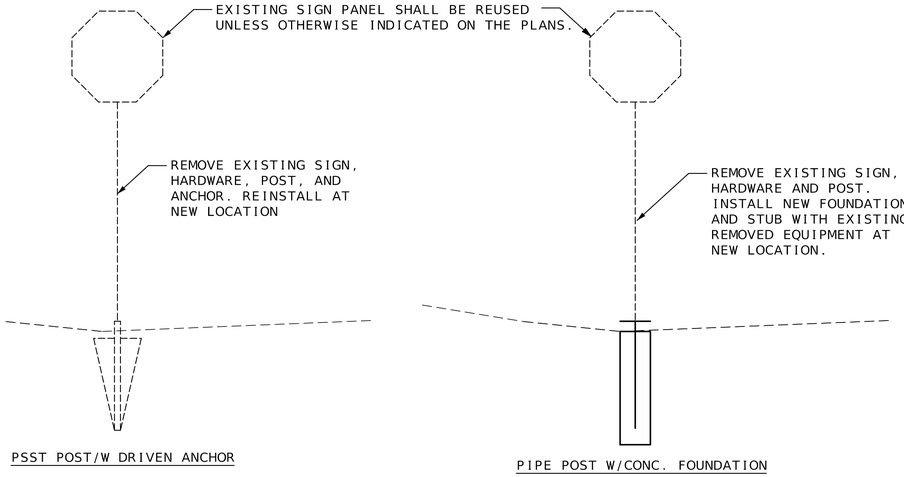
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TYPICAL DETAILS

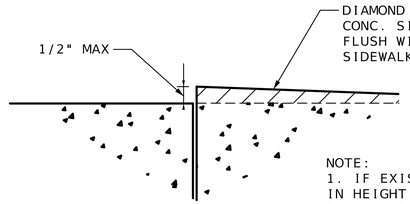
SHEET 6 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\02_TS_06_J6P3510E_I5.dgn 10:55:09 AM 8/4/2026

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

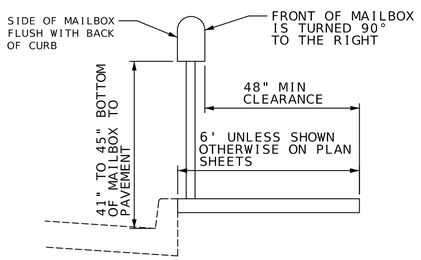


R3 EXISTING SIGN RELOCATION



NOTE:
1. IF EXISTING LIP EXCEDES 1/2" IN HEIGHT ENTIRE SIDEWALK SLAB MUST BE REPLACED
2. SIDEWALK GRINDING TO BE A MINIMUM 10" WIDE FROM THE JOINT.
3. SEE SPECIAL PROVISION FOR OPTIONS TO SAW CUT THE LIP.

R4 DIAMOND GRINDING SIDEWALK EDGE



R5 MAILBOX RELOCATION

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 2
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

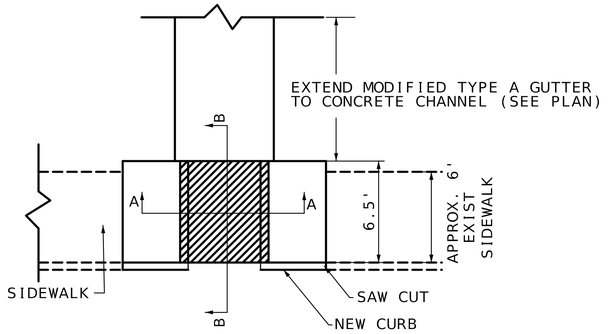
DESCRIPTION | DATE | REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

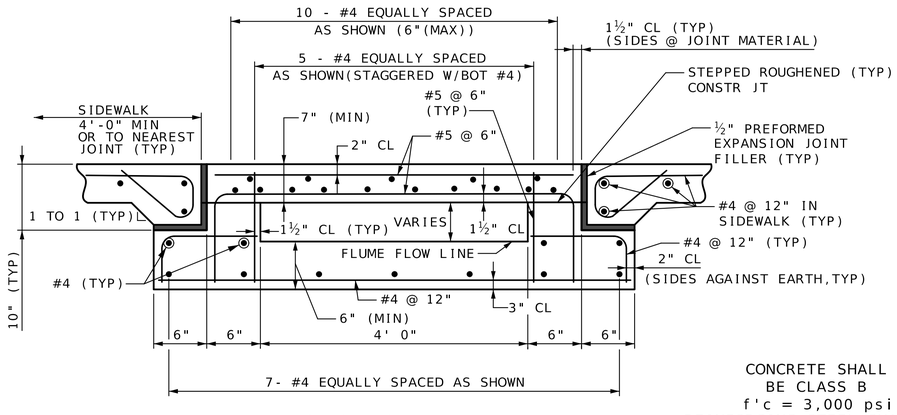
TYPICAL DETAILS



SDF-1

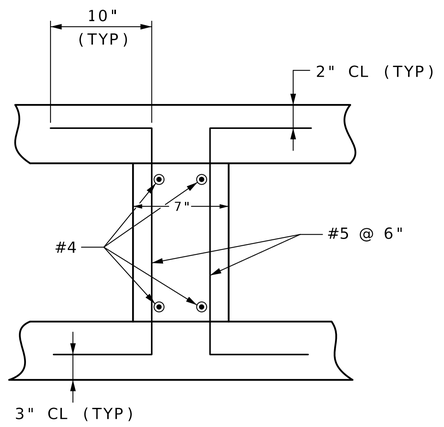
4' DRAINAGE FLUME

PLAN SDF-1
(SIDEWALK AT BACK OF CURB)



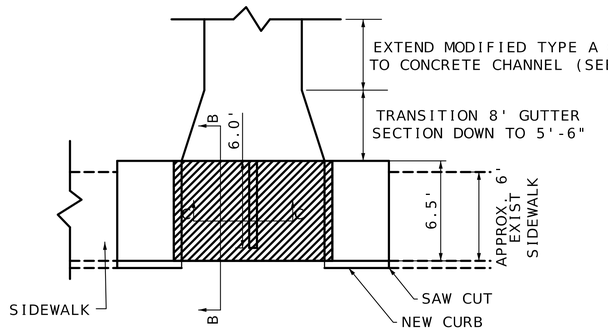
SECTION A-A

CONCRETE SHALL
BE CLASS B
f'c = 3,000 psi
REINFORCING STEEL SHALL BE
EPOXY-COATED (GRADE 60) fy = 60,000 psi



SECTION C-C

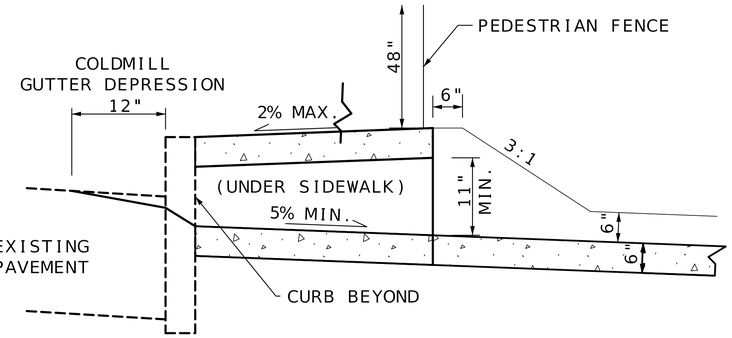
NOTE: CENTER WALL SHOWN, SEE SECTION A-A FOR DETAILS NOT SHOWN



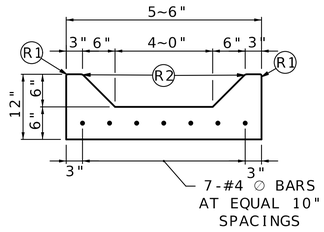
SDF-2

8' DRAINAGE FLUME

PLAN SDF-2
(SIDEWALK AT BACK OF CURB)



SECTION B-B



MODIFIED TYPE A GUTTER

LEGEND
- (R1) ROUND TO ¼" RADIUS. (EXCEPT FOR SAWED JOINTS)
- (R2) ROUND TO ¾" RADIUS.
- (R3) CONSTRUCT TO 9" RADIUS

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV.	DESCRIPTION	DATE

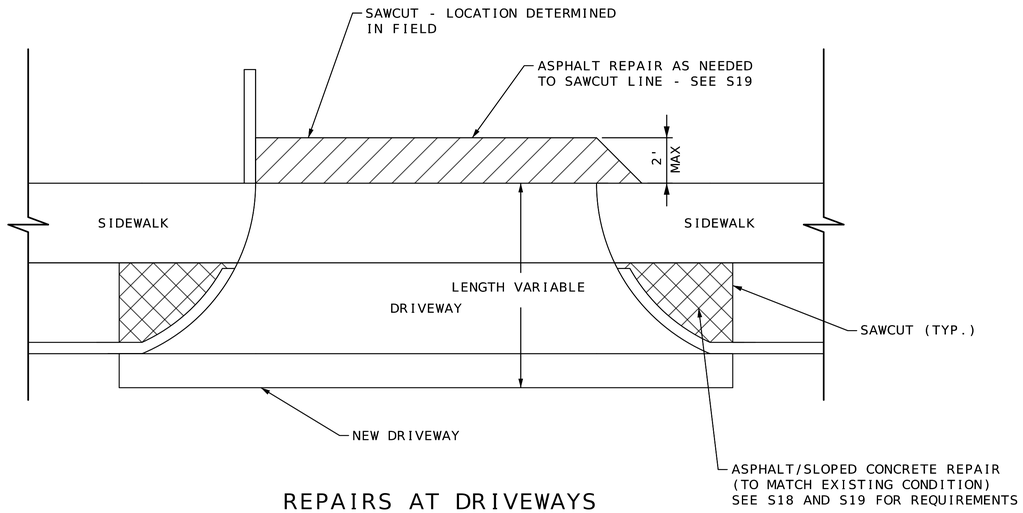
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

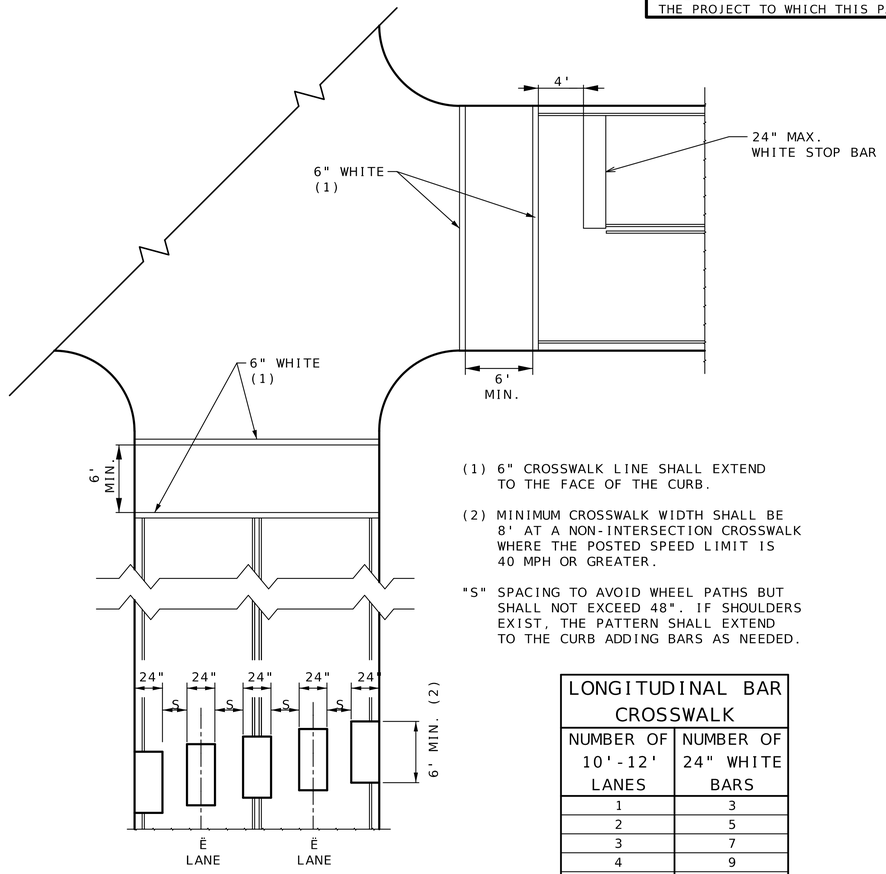
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TYPICAL DETAILS

SHEET 8 OF 9



REPAIRS AT DRIVEWAYS



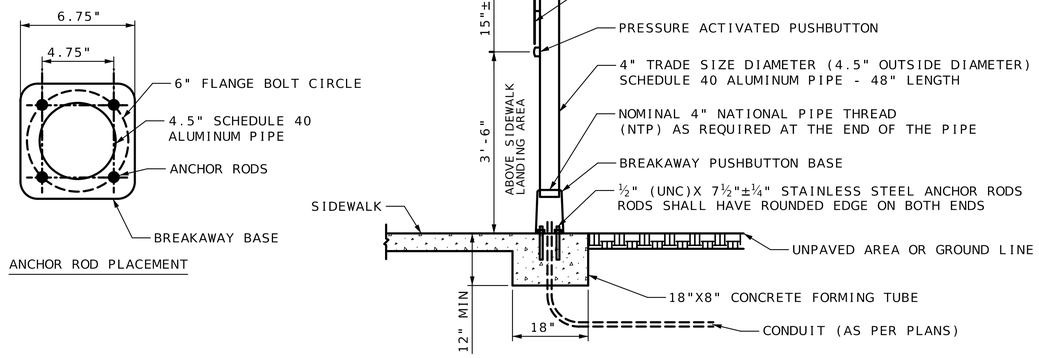
(1) 6" CROSSWALK LINE SHALL EXTEND TO THE FACE OF THE CURB.

(2) MINIMUM CROSSWALK WIDTH SHALL BE 8' AT A NON-INTERSECTION CROSSWALK WHERE THE POSTED SPEED LIMIT IS 40 MPH OR GREATER.

"S" SPACING TO AVOID WHEEL PATHS BUT SHALL NOT EXCEED 48". IF SHOULDERS EXIST, THE PATTERN SHALL EXTEND TO THE CURB ADDING BARS AS NEEDED.

LONGITUDINAL BAR CROSSWALK	
NUMBER OF 10'-12' LANES	NUMBER OF 24" WHITE BARS
1	3
2	5
3	7
4	9
5	11

PEDESTRIAN CROSSWALKS



PUSHBUTTON STANCHION

NOTES:

- THE PUSHBUTTON STANCHION FOUNDATION IS CONSTRUCTED AS PART OF THE SIDEWALK. INCREASE THE SIDEWALK THICKNESS TO 12" (MIN.) TO PROVIDE FOR THE PUSHBUTTON STANCHION FOUNDATION.
- INSTALLATION OF THE PUSHBUTTON STANCHION SHALL BE PER MANUFACTURER'S REQUIREMENTS.
- CABLES SHALL HAVE A SLIT-FIT CONNECTION IN THE PEDESTAL THAT WILL DETACH IN THE EVENT THE POLE IS STRUCK.

GENERAL NOTES

1. REMOVE EXISTING CONCRETE SIGNAL/SIGN FOUNDATIONS TO 18" BELOW FINISHED GRADE
2. 6IN CROSSWALK PAINT SHALL BE WHITE HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS
3. MAX PUSHBUTTON EXTENSION ARM LENGTH SHALL BE 12 INCHES
4. ALL CURB RAMPS ARE TO BE CONCRETE.
5. INLET TOP ADJUSTMENTS TO GRADE- SEE SPECIAL PROVISION FOR REQUIREMENTS
6. ALL ALUMINUM FENCE AND RAILINGS ARE TO BE POWDER COATED COLOR
7. ALL SIDE STREET AND DRIVEWAY ENTRANCE RECONSTRUCTIONS ARE TO BE CONCRETE
8. ADJUST TO GRADE VALVE TOPS TO INCLUDE REPLACING THE TOP TO GRADE
9. FINAL SIDE STREET AND DRIVEWAY ENTRANCE LIMITS OF CONSTRUCTION SHALL BE FIELD ADJUSTED AS NECESSARY TO CREATE AN ADA PATHWAY WITH A MAXIMUM CROSS SLOPE OF 2.1%. FINAL LAYOUT SHALL BE APPROVED BY THE ENGINEER.
10. LENGTHS OF RAMP AND SIDEWALK REPLACEMENTS MAY BE FIELD ADJUSTED TO MEET SITE CONDITIONS WHILE CONFORMING TO THE ADA REQUIREMENTS. FINAL LAYOUTS SHALL BE APPROVED BY THE ENGINEER.
11. SEE RIGHT OF WAY PLAN SHEETS FOR NOTES REGARDING LANDSCAPING, SIGNAGE, AND OTHER PRIVATE PROPERTY THAT IS INTENDED TO NOT BE DISTURBED OR IMPACTED DURING CONSTRUCTION OPERATIONS.

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	2

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TYPICAL DETAILS

SHEET 9 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\02_TS_09_J6P3510E_I5.dgn 10:55:12 AM 8/4/2026

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

MoDOT J6P3510E DISTRICTWIDE ADA

FINAL COST ESTIMATE

MODOT ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
202-20.10	REMOVAL OF IMPROVEMENTS	LS	1
207-99.09	MISC. LINEAR GRADING, CLASS 2 - (MODIFIED)	STA	194.1
304-05.04	TYPE 5 AGGREGATE FOR BASE (4IN. THICK)	SQYD	15,581
401-99.05	MISC. ASPHALT SIDEWALK	SQYD	1,773.3
401-99.05	MISC. ASPHALT REPAIR	SQYD	171.1
407-10.05	TACK COAT	GAL	251
502-13.10	CONCRETE PAVEMENT 10 IN. NON-REINFORCED, 15 FT JOINTS	SQYD	286.4
602-99.02	MISC. CURB REFLECTORS	EA	111
603-99.02	MISC. ADJUST WATER VALVE TO GRADE	EA	5
604-20.10	ADJUSTING MANHOLE	EA	12
604-20.20	ADJUSTING BASIN OR INLET	EA	25
604-99.02	MISC. DRAINAGE FLUME	EA	2
608-10.12	TRUNCATED DOMES	SQFT	1,880
608-30.06	6 IN. CONCRETE MEDIAN STRIP	SQYD	229.5
608-40.24	SIDEWALK HAND-RAILING WITH BALUSTERS	LF	412
608-50.08	PAVED APPROACH, 8 IN.	SQYD	5,904.9
608-60.04	CONCRETE SIDEWALK, 4 IN.	SQYD	6,564.2
608-60.07	CONCRETE SIDEWALK, 7 IN.	SQYD	193.6
608-99.02	MISC. CONCRETE CURB RAMP	EA	204
608-99.02	MISC. CONCRETE CURB RAMP - DECORATIVE CONCRETE	EA	30
608-99.05	MISC. CONCRETE SIDEWALK, 4 IN. - DECORATIVE CONCRETE	SQYD	583.3
608-99.05	PAVED APPROACH, 10 IN., HIGH EARLY STRENGTH	SQYD	103.8
609-10.10	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	784
609-10.51	CURB AND GUTTER, TYPE A	LF	37
609-10.52	CURB AND GUTTER, TYPE B	LF	383
609-20.11	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	LF	501
609-20.21	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A	LF	60
613-20.18	FURNISHING AND PLACING CONCRETE MATERIAL FOR CLASS A PARTIAL DEPTH PAVEMENT REPAIR	CUYD	2.3
613-20.19	REMOVAL FOR CLASS A PARTIAL DEPTH PAVEMENT REPAIR	SQYD	27.0
613-30.20	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	TONS	4.6
613-30.21	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	SQYD	28.4
616-99.01	TRAFFIC CONTROL	LS	1
616-99.02	MISC. ADA COMPLIANT MOVEABLE BARRICADES	EA	20
617-36.00D	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED	LF	200
617-50.10A	RELOCATING TEMPORARY TRAFFIC BARRIER	LF	200
617-99.02	MISC. RELOCATING CONCRETE BARRIER BLOCK	EA	20
617-99.02	MISC. SPEED BUMP	EA	2
618-10.00	MOBILIZATION	LS	1
620-00.09	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	LF	1,931
620-00.15	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF	7,552
620-00.21	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA	7
620-00.24	PREFORMED THERMOPLASTIC PAVEMENT MARKING, STRAIGHT ARROW	EA	3
620-00.42	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	EA	14
620-59.02	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	LF	36
620-59.03	6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	LF	301
620-70.01	PAVEMENT MARKING REMOVAL	LF	9,859
620-70.02	PAVEMENT MARKING REMOVAL (SYMBOLS)	EA	8
620-99.02	TUBULAR MARKER	EA	10
622-99.03	MISC. SIDEWALK EDGE GRINDING	LF	6
731-99.02	MISC. INLET TOP REPLACEMENT (IN KIND)	EA	3
803-10.00	TURF TYPE TALL FESCUE SODDING	SQYD	5,436
803-99.05	MISC. LANDSCAPING RESTORATION	SQYD	162
806-10.07	CURB INLET CHECK	EA	84
806-10.16	SEDIMENT REMOVAL	CUYD	130
806-10.19	SILT FENCE	LF	4,585
902-27.08	POST, SIGNAL 8 FT.	EA	14
902-53.00	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	1,085
902-83.08	CABLE, 16 AWG 2 CONDUCTOR	LF	10,100
902-83.10	CABLE, 16 AWG 5 CONDUCTOR	LF	2,040
902-91.00	BASE, CONCRETE	CY	6.7
902-99.02	MISC. COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE 1S	EA	29
902-99.02	MISC. ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	EA	118
902-99.02	MISC. PUSHBUTTON EXTENSION	EA	11
902-99.02	MISC. PEDESTRIAN PUSHBUTTON STANCHION, 4 FT	EA	49
902-99.02	MISC. ADJUST PULL BOX TO GRADE	EA	8
902-99.02	MISC. POT HOLING UTILITY FACILITIES	EA	15
903-12.20	PIPE POSTS	LBS	530
903-12.70A	2 IN. PSST POST - 12 GA	LF	21
903-12.73A	DRIVEN POST ANCHOR FOR 2 IN. PSST - 7 GA.	EA	2
903-50.04	SH-FLAT SHEET	SQFT	26
903-50.69	SHF-FLAT SHEET FLUORESCENT	SQFT	32
903-99.02	MISC. REMOVE AND RELOCATE EXISTING GROUND MOUNTED SIGN	EA	16

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REV.

SCHEDULE OF QUANTITIES

SHEET 1 OF 21

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_01_J6P3510E_I1.dgn 12:25:36 PM 9/29/2026

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

ADJUST TO GRADE

OVERALL SHEET NUMBER	TO OVERALL SHEET NUMBER	ROADWAY	LOCATION	ADJUSTING BASIN OR INLET (EA)	ADJUSTING MANHOLE (EA)	ADJUST PULL BOX TO GRADE (EA)	ADJUST WATER VALVE TO GRADE (EA)	REMARKS
4	7	VALLEY SCHOOL DR	LT					Att manhole
			SUBTOTAL					
9	17	I-44	LT/RT	4		2		
			SUBTOTAL	**4**		**2**		
19	25	V MEMORIAL PRKWY	LT/RT	3		2		
			SUBTOTAL	**3**		**2**		
45	50	I-70 SOR	LT/RT	10	8			
			SUBTOTAL	**10**	**8**			
56	63	MO 367 EOR	LT/RT	5	4	2	3	
			SUBTOTAL	**5**	**4**	**2**	**3**	
70	79	MID RIVERS MALL DR	LT/RT	3		2	2	
			SUBTOTAL	**3**		**2**	**2**	
			TOTALS	**25**	**12**	**8**	**5**	

REMOVE AND RELOCATE EXISTING GROUND MOUNT SIGN

OVERALL SHEET NUMBER	SIGN NO.	STATION	ROADWAY	LOCATION	REMOVE AND RELOCATE EXISTING GROUND MOUNT SIGN (EA)	REMARKS
6	1	21+34	VALLEY SCHOOL DR	LT	1	STREET NAMES
				SUBTOTAL	**1**	
12	2	11+45	DE TONTY ST	RT	1	ASSEMBLY
14	3	15+77	DE TONTY ST	RT	1	BUS STOP
				SUBTOTAL	**2**	
55	1	72+88	MO 367 EOR	RT	1	ASSEMBLY
57	2	20+28.	DUNN RD	RT	1	ASSEMBLY
59	3	13+05.	MO 367 WOR	RT	1	ASSEMBLY
60	4	38+40	MO 367 WOR	RT	1	ASSEMBLY
60	5	38+82	MO 367 WOR	RT	1	ASSEMBLY
62	6	105+11	MO 367 WOR	LT	1	R1-2
65	7	30+28	DUNN RD	RT	1	R1-1
66	8	34+94.	DUNN RD	RT	1	SPECIAL (BUS STOP)
				SUBTOTAL	**8**	
70	1A	10+53.59	SPENCER LOOP	LT	1	W12-1
75	2	12+64.72	VETERANS MEM PKWY	RT	1	R1-1
81	3	30+46.73	MID RIVERS MALL DR	LT	1	BLACK POWDER COATED BASE; R1-2
83	4	16+34.9	BRYAN RD	LT	1	R1-2
83	6	16+61.65	BRYAN RD	RT	1	R1-2
				SUBTOTAL	**5**	
				TOTAL	**16**	

PAVEMENT

OVERALL SHEET NUMBER	CENTERLINE STATION	ROADWAY	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	CONCRETE PAVEMENT (10 IN. NON-REINFORCED, 15 FT JOINTS) (SQYD)	REMARKS
17	15+58	MISSISSIPPI AVE	LT	43.6	43.6	ALLEY WAY
			SUBTOTAL	**43.6**	**43.6**	
40	69+15.01	I-70 SOR	RT	119.4	119.4	
42	21+81.41	MO 115 EB	RT	123.4	123.4	
			SUBTOTAL	**242.8**	**242.8**	
			SUBTOTALS*	**286.4**		*SEE SUBTOTAL SCHEDULE FOR FINAL PAY ITEM TOTAL
			TOTAL		**286.4**	

SUBTOTALS

APPLICATION	TRUNCATED DOMES (SQFT)	TYPE 5 AGGREGATE FOR BASE (4 IN THICK) (SQYD)	TACK COAT (GAL)	REMARKS
ISLAND & MEDIAN	344.8	193.6	N/A	
SIDESTREETS	N/A	286.4	N/A	
DRIVEWAYS	N/A	6,246.6	17.6	
SIDEWALK	1,534.5	8,761.8	232.7	
CURB	N/A	92.2	N/A	
TOTAL	**1,880**	**15,581**	**251**	

POT HOLING (EA)	
TOTAL	15

MOBILIZATION (LS)	
TOTAL	1

TRAFFIC CONTROL (LS)	
TOTAL	1

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_02_J6P3510E_I1.dgn 12:25:38 PM 9/29/2026

CURB

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	CURB AND GUTTER TYPE A (LF)	CURB AND GUTTER TYPE B (LF)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A (LF)	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A (LF)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S (LF)	REMARKS
5	15+32.55	15+82.55	VALLEY PARK DR	LT					50		BACK OF SIDEWALK
7	44+76.93	44+84.60	VALLEY PARK DR	LT				15			BACK AND FRONT OF SIDEWALK
				SUBTOTAL				**15**	**50**		
10	13+03.61	13+45.36	HAMPTON	RT				47.9			BACK OF SIDEWALK
10	13+66.90	13+75.85	HAMPTON	LT					9.4		BACK OF SIDEWALK
10	14+51.72	15+13.65	HAMPTON	RT				59			FRONT OF SIDEWALK
11	17+80.54	17+94.90	HAMPTON	LT		15	3.3				
11	18+73.10	18+78.85	HAMPTON	LT						6.7	
11	19+30.59	19+68.37	HAMPTON	RT						36.4	
11	19+63.79	19+66.76	HAMPTON	LT						3	
11	19+80.17	19+98.58	HAMPTON	LT						22	
15	10+44.52	10+67.26	COPELIN	RT						8.3	
16	11+88.83	12+24.35	NEBRASKA	RT						35.5	
16	11+90.57	12+22.72	NEBRASKA	LT						32.2	
17	15+80.65	15+82.34	MISSISSIPPI	RT				23.6			
				SUBTOTAL		**15**	**3.3**	**130.5**	**9.4**	**144.1**	
21	93+14.04	93+24.83	I-70 OUTER RD	LT				35.7			
22	104+04.78	104+06.73	I-70 OUTER RD	RT		20.6	4.6				
22	104+55.63	104+61.67	I-70 OUTER RD	LT		20.1	4.5				
22	104+75.84	104+83.48	I-70 OUTER RD	LT		9.7	2.2				
22	104+93.48	105+62.07	I-70 OUTER RD	LT		66.9	14.9				
22	105+84.83	106+17.08	I-70 OUTER RD	LT		29.9	6.6				
23	107+83.16	108+56.56	I-70 OUTER RD	LT		70.6	15.7				
23	109+88.05	110+78.93	I-70 OUTER RD	LT		91.1	20.2				
23	111+92.04	112+38.98	I-70 OUTER RD	LT		47.7	10.6				
				SUBTOTAL		**356.6**	**79.2**	**35.7**			
27			CLARK AVE AND 14TH ST	LT				10.0			
				SUBTOTAL				**10.0**			
35	13+13.66	13+15.40	I-70 SOR	RT						12	
36	15+64.73	15+74.31	I-70 SOR	RT		11		10			
36	16+07.25	16+20.65	I-70 SOR	RT						24	
38	47+97.87	48+14.87	I-70 SOR	RT				20		18	
38	48+10.86	48+16.44	I-70 SOR	RT				6			
38	48+45.35	48+93.97	I-70 SOR	RT						49	
40	68+92.04	69+00.04	I-70 SOR	RT				9			BRENTON AVE
40-41	69+55.25	70+39.81	I-70 SOR	RT				85			
41	70+78.31	71+19.34	I-70 SOR	RT				63			
41	71+18.56	18+65.11	I-70 SOR/MO 115 EB	RT						120	
41	18+04.64	18+37.26	MO 115 EB	RT				35			
41	20+30.96	20+46.17	MO 115 EB	RT				15			
42	22+12.3	22+19.23	MO 115 EB	RT						7	
42	22+86.01	23+26.62	MO 115 EB	RT						40	
42	23+91.33	24+43.77	MO 115 EB	RT						52	
45	33+06.92	33+09.24	MO 115 EB	RT						4	
46	38+55.59	38+75.65	MO 115 EB	RT						20	
46	33+01.55	33+11.55	MO 115 WB	RT						10	
46	34+01.27	34+11.81	MO 115 WB	RT						10	
46	34+17.81	34+26.07	MO 115 WB	RT						12	
47	5+43.73	5+67.42	MCKIBBON	LT				34			
47	6+29.84	6+48.59	MCKIBBON	LT						19	
				SUBTOTAL		**11**		**276**		**397**	
55	72+88.00	72+88.40	MO 367 EOR	LT						15	
55	72+91.49	72+94.06	MO 367 EOR	RT						3	
56	110+19.77	110+24.26	MO 367 EOR	LT						12	
56	111+35.47	111+39.73	MO 367 EOR	RT						6	
56	112+75.80	112+78.70	MO 367 EOR	RT						7	
56	113+09.72	113+10.64	MO 367 EOR	LT						4	
60	38+40.67	38+48.02	MO 367 WOR	RT						12	
60	38+84.31	38+90.58	MO 367 WOR	RT						10	
61	64+89.56	64+91.42	MO 367 WOR	RT						8	
62	103+61.77	103+63.88	MO 367 WOR	RT						7	
62	103+79.02	103+80.77	MO 367 WOR	LT						4	
62	104+31.99	104+47.86	MO 367 WOR	RT						7	
62	105+65.69	105+72.59	MO 367 WOR	RT						11	
62	106+45.99	106+47.99	MO 367 WOR	RT						3	
				SUBTOTAL						**109**	
73	22+18.79	22+23.61	TR HUGHES BLVD	RT						5.3	
73	22+56.70	22+59.16	TR HUGHES BLVD	RT						5.4	
74	36+40.52	36+42.64	TR HUGHES BLVD	LT						5.0	
74	36+74.58	36+77.27	TR HUGHES BLVD	RT						5.3	
74	36+89.75	36+94.41	TR HUGHES BLVD	LT						5.0	
74	37+12.32	37+17.09	TR HUGHES BLVD	RT						5.0	
78	12+52.42	12+74.26	MID RIVERS MALL RD	LT	24.1		6.6				
78	14+98.95	15+31.80	MID RIVERS MALL RD	LT				33.3			
79	17+68.89	17+60.10	MID RIVERS MALL RD	LT						15.2	
79	17+55.35	17+60.32	MID RIVERS MALL RD	LT						5.8	
79	17+54.94	17+79.84	MID RIVERS MALL RD	LT						5.1	
79	18+74.71	18+86.14	MID RIVERS MALL RD	RT	12.3		3.0				
81	32+65.33	33+12.53	MID RIVERS MALL RD	LT						51.6	
81-82	33+39.98	33+48.03	MID RIVERS MALL RD	LT						25.0	
				SUBTOTAL	**36.4**		**9.6**	**33.3**		**133.8**	
				SUBTOTALS*			**92.2**				*SEE SUBTOTAL SCHEDULE FOR FINAL PAY ITEM
				TOTAL	**37**	**383**		**501**	**60**	**784**	

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION

DATE

REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 3 OF 21

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

DRIVEWAYS

OVERALL SHEET NUMBER	CENTERLINE STATION	ROADWAY	LOCATION	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	PAVED APPROACH 8 IN. (COMMERCIAL) (SQYD)	PAVED APPROACH, 10 IN., HIGH EARLY STRENGTH (SQYD)	ASPHALT REPAIR (SQYD)	TACK COAT (GAL)	REMARKS
5	13+04	VALLEY SCHOOL DR	LT	68.8	68.8		3.9	0.5	
5	17+34	VALLEY SCHOOL DR	LT	103.8		103.8	6.2	0.8	
			SUBTOTAL	**172.6**	**68.8**	**103.8**	**10.1**	**1.3**	
9	14+69	WELLINGTON	RT	24.0	24.0				
12	11+75	DETONTY ST	RT	35.7	35.7		1.7	0.2	
14	15+02	DETONTY ST	RT	40.4	40.4		1.4	0.2	
17	11+89	MISSISSIPPI AVE	LT	24.0	24.0		1.4	0.2	
			SUBTOTAL	**124.1**	**124.1**		**4.6**	**0.6**	
23	109+37	I-70 S OUTER RD	LT	234.6	234.6				
			SUBTOTAL	**234.6**	**234.6**				
37	38+88.07	I-70 SOR	RT	88.0	88.0		2.1	0.2	
37	40+27.6	I-70 SOR	RT	144.5	144.5		4.7	0.5	
38	41+73.64	I-70 SOR	RT	60.2	60.2		3.3	0.3	
38	47+71.83	I-70 SOR	RT	63.4	63.4		3.4	0.3	
39	51+93.2	I-70 SOR	RT	71.1	71.1		3.4	0.3	
39	54+08.98	I-70 SOR	RT	61.6	61.6		3.3	0.3	
39	55+31.37	I-70 SOR	RT	39.9	39.9		2.2	0.2	
39	55+80.54	I-70 SOR	RT	57.5	57.5		2.8	0.3	
39	58+68.1	I-70 SOR	RT	64.5	64.5		3.0	0.3	
40	61+91.68	I-70 SOR	RT	39.0	39.0		2.2	0.2	
40	64+18.97	I-70 SOR	RT	37.7	37.7		1.8	0.2	
40	67+96.19	I-70 SOR	RT	61.2	61.2		3.3	0.3	
40	69+15.01	I-70 SOR	RT	117.2			2.9	0.3	
41	70+58.42	I-70 SOR	RT	94.0	94.0		6.0	0.6	
41	19+60.06	MO 115 EB	RT	83.8	83.8		5.5	0.6	
42	21+22.54	MO 115 EB	RT	120.7	120.7		5.5	0.6	
42	21+81.41	MO 115 EB	RT	120.8			5.5	0.6	
42	22+37.80	MO 115 EB	RT	112.5	112.5		4.8	0.5	
42	23+67.28	MO 115 EB	RT	103.4	103.4		4.9	0.5	
43	29+94.07	MO 115 EB	RT	106.9	106.9				
43	30+39.14	MO 115 EB	LT	117.8	117.8				
45	30+98.37	MO 115 EB	RT	93.6	93.6		4.0	0.4	
45	31+66.2	MO 115 EB	RT	112.4	112.4		4.5	0.5	
45	32+07.69	MO 115 EB	LT	108.7	108.7				
50	49+90.54	MO 115 EB	LT	171.7	171.7		3.8	0.4	
50	51+78.77	MO 115 EB	LT	163.7	163.7		3.3	0.3	
50	52+43.66	MO 115 EB	LT	134.6	134.6				
43	24+10.28	MO 115 WB	LT	51.5	51.5		3.3	0.3	
43	25+26.57	MO 115 WB	LT	51.4	51.4		3.3	0.3	
43	25+97.47	MO 115 WB	LT	49.9	49.9		3.5	0.3	
43	26+25.79	MO 115 WB	RT	118.6	118.6				
43	26+51.62	MO 115 WB	LT	42.1	42.1		2.8	0.3	
44	27+84.89	MO 115 WB	RT	68.4	68.4				
46	33+69.16	MO 115 WB	RT	94.3	94.3		3.8	0.4	
46	5+86.11	MARSHALL	RT	34.3	34.3		4.2	0.4	
47	6+01.29	MCKIBBON	LT	60.3	60.3		2.6	0.3	
47	6+80.13	MCKIBBON	LT	62.3	62.3		2.7	0.3	
47	42+90.46	MO 115 WB	RT	133.0	133.0		4.2	0.4	
48	48+01.28	MO 115 WB	RT	173.5	173.5				
			SUBTOTAL	**3490.0**	**3252.0**		**116.4**	**11.6**	
52	16+59.11	MO 367 EOR	LT	17	17		1.3	0.1	
52	17+48.34	MO 367 EOR	LT	59	59		3.6	0.4	
52	18+12.9	MO 367 EOR	LT	107	107		7.0	0.7	
53	34+73.01	MO 367 EOR	LT	206	206		4.4	0.4	
53	36+34.15	MO 367 EOR	LT	165	165		4.2	0.4	
53	41+12.64	MO 367 EOR	LT	154	154		4.3	0.4	
53	43+16.89	MO 367 EOR	LT	116	116		4.4	0.4	
55	74+50.66	MO 367 EOR	LT	263	263		3.9	0.4	
63	119+67.47	MO 367 WOR	RT	141	141		3.3	0.3	
63	121+95.94	MO 367 WOR	RT	92	92		3.4	0.3	
			SUBTOTAL	**1320.6**	**1320.6**		**40.0**	**4.0**	
76	31+51.88	VETERANS MEM PKWY	RT	356.3	356.3				
77	34+58.77	VETERANS MEM PKWY	RT	439.8	439.8				
78	15+64.99	MID RIVERS MALL DR	LT	108.7	108.7				
			SUBTOTAL	**904.8**	**904.8**				
			SUBTOTALS*	**6246.6**				**17.6**	*SEE SUBTOTAL SCHEDULE FOR FINAL PAY ITEM TOTAL
			TOTAL		**5904.9**	**103.8**	**171.1**		

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI ★ PROFESSIONAL ENGINEER ★

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE: VAR | STATE: MO

DISTRICT: SL | SHEET NO.: 3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

SCHEDULE OF QUANTITIES

SHEET 4 OF 21

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_04_J6P3510E_I1.dgn 12:25:46 PM 9/29/2026

EARTHWORK

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	LINEAR GRADING, CLASS 2 - MODIFIED	REMARKS
					(STA)	
5-6	12+21.26	21+60.97	VALLEY SCHOOL DR	LT	9.41	
6	22+11.25	25+56.99	VALLEY SCHOOL DR	LT	3.53	
6	44+59.43	53+01.24	VALLEY SCHOOL DR	LT	8.38	
				SUBTOTAL	**21.32**	
9	14+70.57	14+85.05	WABASH AVE	RT	0.16	
10-11	13+38.33	19+66.76	HAMPTON	LT	2.42	
10-11	13+04.29	21+45.46	HAMPTON	RT	1.64	
12	12+57.77	12+84.87	S VANDEVENTER AVE	RT	0.37	
12-14	11+51.85	15+98.53	DE TONTY ST	RT	3.60	
15	10+38.63	10+91.06	COPELIN AVE	LT	0.17	
16	11+88.83	12+24.35	NEBRASKA AVE	LT/RT	0.68	
17	11+76.61	15+88.31	MISSISSIPPI AVE	LT	0.57	
17	15+82.34	16+04.06	MISSISSIPPI AVE	RT	0.23	
				SUBTOTAL	**9.84**	
19	11+82.68	12+70.57	I-70 NOR	RT	0.30	
20	16+06.03	16+21.05	I-70 NOR	RT	0.15	
20	31+04.32	31+31.98	I-70 NOR	LT	0.23	
21	93+08.46	93+25.36	I-70 NOR	LT	0.36	
22	102+68.82	103+50.54	I-70 SOR	LT	0.97	
22-23	104+55.04	109+13.90	I-70 SOR	LT	4.43	
23	109+57.21	112+65.91	I-70 SOR	LT	3.25	
25	195+90.68	196+07.99	I-70 SOR	LT	0.23	
22-23	104+04.65	106+89.68	I-70 SOR	RT	3.16	
23	107+72.46	113+69.13	I-70 SOR	RT	6.14	
24	121+23.93	125+38.65	I-70 SOR	RT	4.11	
24	161+26.88	167+19.82	I-70 SOR	RT	4.76	
				SUBTOTAL	**28.09**	
35	13+13.58	13+30.15	I-70 SOR	RT	0.2	
36	15+64.53	15+97.15	I-70 SOR	RT	0.3	
36	16+13.58	17+07.64	I-70 SOR	RT	1.0	
37	32+42.69	35+55.05	I-70 SOR	RT	3.2	
37	37+43.58	37+73.43	I-70 SOR	RT	0.3	
37	38+63.45	38+79.04	I-70 SOR	RT	0.2	
37	38+88.07	+0.00	I-70 SOR	RT	0.3	DRIVEWAY
37	38+97.88	39+37.43	I-70 SOR	RT	0.4	
37	39+91.64	40+07.26	I-70 SOR	RT	0.2	
37	40+27.60		I-70 SOR	RT	0.2	DRIVEWAY
37-38	40+49.48	41+15.32	I-70 SOR	RT	0.7	
38	41+29.88	41+53.98	I-70 SOR	RT	0.3	
38	41+73.64		I-70 SOR	RT	0.2	DRIVEWAY
38	41+86.33	44+03.59	I-70 SOR	RT	2.2	
38	46+83.73	47+55.88	I-70 SOR	RT	0.7	
38	47+71.83		I-70 SOR	RT	0.2	DRIVEWAY
38	47+86.57	48+30.57	I-70 SOR	RT	0.4	
38	48+45.37	48+93.99	I-70 SOR	RT	0.5	
38	49+28.93	50+17.08	I-70 SOR	RT	0.9	
38	50+45.56	50+75.51	I-70 SOR	RT	0.2	
38-39	51+45.65	51+73.46	I-70 SOR	RT	0.2	
39	51+93.20		I-70 SOR	RT	0.2	DRIVEWAY
39	52+11.71	52+41.06	I-70 SOR	RT	0.3	
39	53+38.34	53+58.34	I-70 SOR	RT	0.2	
39	53+69.97	53+93.78	I-70 SOR	RT	0.2	
39	54+08.98		I-70 SOR	RT	0.2	DRIVEWAY
39	54+25.22	54+40.10	I-70 SOR	RT	0.2	
39	54+98.76	55+20.98	I-70 SOR	RT	0.2	
39	55+31.37		I-70 SOR	RT	0.2	DRIVEWAY
39	55+41.13	55+65.22	I-70 SOR	RT	0.2	
39	55+80.54		I-70 SOR	RT	0.2	DRIVEWAY
39	55+95.74	56+22.79	I-70 SOR	RT	0.2	
39	58+23.01	58+50.62	I-70 SOR	RT	0.2	
39	58+68.10		I-70 SOR	RT	0.2	DRIVEWAY
39	58+84.56	59+12.24	I-70 SOR	RT	0.2	
40	61+69.03	61+81.01	I-70 SOR	RT	0.1	
40	61+91.68		I-70 SOR	RT	0.2	DRIVEWAY
40	62+01.04	62+20.43	I-70 SOR	RT	0.2	
40	63+86.09	64+10.98	I-70 SOR	RT	0.2	
40	64+18.97		I-70 SOR	RT	0.2	DRIVEWAY
40	64+27.21	64+52.09	I-70 SOR	RT	0.2	
40	65+26.15	66+39.29	I-70 SOR	RT	1.1	
40	67+56.31	67+80.68	I-70 SOR	RT	0.2	
40	67+96.19		I-70 SOR	RT	0.2	DRIVEWAY
40	68+13.03	68+37.33	I-70 SOR	RT	0.2	
40	68+92.04	69+13.81	I-70 SOR	RT	0.3	
40	69+15.01		I-70 SOR	RT	0.3	DRIVEWAY
40-41	69+39.53	70+39.81	I-70 SOR	RT	1.0	
41	70+58.42		I-70 SOR	RT	0.3	DRIVEWAY
41	70+78.31	19+45.03	I-70 SOR/MO 115 EB	RT	1.1	
41	19+60.06		MO 115 EB	RT	0.2	DRIVEWAY
41-42	19+81.08	20+93.02	MO 115 EB	RT	2.6	
42	21+22.54		MO 115 EB	RT	0.3	DRIVEWAY
42	21+29.75	21+65.49	MO 115 EB	RT	0.3	
42	21+81.41		MO 115 EB	RT	0.3	DRIVEWAY
42	21+95.90	22+37.18	MO 115 EB	RT	0.4	

EARTHWORK (CONTINUED)

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	LINEAR GRADING, CLASS 2 - MODIFIED	REMARKS
42	22+37.8		MO 115 EB	RT	0.4	DRIVEWAY
42	22+66.41	23+45.14	MO 115 EB	RT	0.7	
42	23+67.28		MO 115 EB	RT	0.4	DRIVEWAY
42	23+75.33	24+61.36	MO 115 EB	RT	0.8	
43	29+63.85	29+81.02	MO 115 EB	RT	0.2	
43	29+86.63	30+24.5	MO 115 EB	LT	0.4	
43	29+94.07		MO 115 EB	RT	0.3	DRIVEWAY
43-45	30+10.71	30+88.42	MO 115 EB	RT	0.8	
43	30+39.14		MO 115 EB	LT	0.3	DRIVEWAY
43-45	30+54.74	31+94.28	MO 115 EB	LT	1.4	
45	30+98.37		MO 115 EB	RT	0.3	DRIVEWAY
45	31+16.71	31+66.92	MO 115 EB	RT	0.5	
45	31+66.2		MO 115 EB	RT	0.3	DRIVEWAY
45	32+00.04	32+19.31	MO 115 EB	RT	0.2	
45	32+07.69		MO 115 EB	LT	0.3	DRIVEWAY
45	32+23.39	32+61.3	MO 115 EB	LT	0.4	
45	32+87.11	33+13.28	MO 115 EB	RT	0.3	
45	33+32.22	33+58.52	MO 115 EB	LT	0.2	
45	33+67.09	33+77.34	MO 115 EB	RT	0.1	
46	38+29.53	39+09.27	MO 115 EB	LT	1.2	
49	45+69.98	45+90.55	MO 115 EB	LT	0.2	
49-50	46+56.87	49+72.82	MO 115 EB	LT	3.1	
50	49+90.54		MO 115 EB	LT	0.4	DRIVEWAY
50	50+07.51	51+64.42	MO 115 EB	LT	1.6	
50	51+78.77		MO 115 EB	LT	0.4	DRIVEWAY
50	51+94.8	52+24.58	MO 115 EB	LT	0.3	
50	52+43.66		MO 115 EB	LT	0.3	DRIVEWAY
50	52+56.71	53+74.86	MO 115 EB	LT	1.2	
43	23+66.62	23+93.44	MO 115 WB	LT	0.2	
43	24+10.28		MO 115 WB	LT	0.1	DRIVEWAY
43	24+27.72	25+06.31	MO 115 WB	LT	0.7	
43	25+26.57		MO 115 WB	LT	0.1	DRIVEWAY
43	25+42.84	25+80.59	MO 115 WB	LT	0.3	
43	25+80.42	26+10.45	MO 115 WB	RT	0.3	
43	25+97.47		MO 115 WB	LT	0.1	DRIVEWAY
43	26+14.43	26+36.42	MO 115 WB	LT	0.2	
43	26+25.79		MO 115 WB	RT	0.3	DRIVEWAY
43-44	26+41.09	27+54.19	MO 115 WB	RT	1.4	
43	26+51.62		MO 115 WB	LT	0.1	DRIVEWAY
43-44	26+64.58	26+92.37	MO 115 WB	LT	0.3	
44	27+27.71	27+70.68	MO 115 WB	LT	0.4	
44	27+84.89		MO 115 WB	RT	0.2	DRIVEWAY
44	28+00.58	28+12.94	MO 115 WB	RT	0.1	
44	28+56.17	28+88.42	MO 115 WB	LT	0.6	
46	33+06.55	33+51.55	MO 115 WB	RT	0.5	
46	33+69.16		MO 115 WB	RT	0.2	DRIVEWAY
46	33+86.73	34+39.32	MO 115 WB	RT	0.9	
47	41+23.74	42+76.17	MO 115 WB	RT	0.2	
47	42+90.46		MO 115 WB	RT	0.4	DRIVEWAY
47	43+05.25		MO 115 WB	RT	1.0	
48	45+30.53	45+56.82	MO 115 WB	RT	0.3	
48	45+82.98	46+22.98	MO 115 WB	RT	0.4	
48	46+48.49	47+87.35	MO 115 WB	RT	1.4	
48	48+01.28		MO 115 WB	RT	0.4	DRIVEWAY
48	48+16.36		MO 115 WB	RT	1.1	
46	5+86.11		MARSHALL	RT	0.1	DRIVEWAY
46	6+01.17		MARSHALL	LT	0.5	
47	6+01.29		MCKIBBON	LT	0.2	DRIVEWAY
47	6+16.91		MCKIBBON	LT	0.5	
47	6+80.13		MCKIBBON	LT	0.2	DRIVEWAY
47-49	6+90.67		MCKIBBON	LT	1.2	
				SUBTOTAL	**57.5**	
52	14+93.62	16+53.04	MO 367 EOR	LT	1.6	
52	16+59.11		MO 367 EOR	LT	0.2	DRIVEWAY
52	16+64.58	17+33.35	MO 367 EOR	LT	0.6	
52	17+48.34		MO 367 EOR	LT	0.2	DRIVEWAY
52	17+64.4	17+84.01	MO 367 EOR	LT	0.2	
52	18+12.9		MO 367 EOR	LT	0.2	DRIVEWAY
52	18+41.05	18+94.06	MO 367 EOR	LT	0.5	
52	19+51.99	20+55.8	MO 367 EOR	LT	1.0	
52	21+55.36	21+66.32	MO 367 EOR	LT	0.0	
53	33+76.06	34+54.58	MO 367 EOR	LT	0.8	
53	34+73.01		MO 367 EOR	LT	0.4	DRIVEWAY
53	34+94.49	36+16.16	MO 367 EOR	LT	1.2	
53	36+34.15		MO 367 EOR	LT	0.3	DRIVEWAY
53	36+54.46	37+45.33	MO 367 EOR	LT	1.4	
53	38+06.96	40+92.53	MO 367 EOR	LT	3.1	
53	41+12.64		MO 367 EOR	LT	0.3	DRIVEWAY
53	41+32.51	42+95.87	MO 367 EOR	LT	1.6	
53	43+16.89		MO 367 EOR	LT	0.3	DRIVEWAY
53	43+37.88	43+46.77	MO 367 EOR	LT	0.1	
55	71+90.52	72+11.78	MO 367 EOR	RT	0.4	
55	72+75.75	73+01.92	MO 367 EOR	LT	0.7	
55	72+79.18	72+94.04	MO 367 EOR	RT	0.4	
55	74+23.8	74+39.81	MO 367 EOR	LT	0.2	

DISCLAIMER

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 5 OF 21

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_05_J6P3510E_I1.dgn 12:38:43 PM 9/29/2026

EARTHWORK (CONTINUED)

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	LINEAR GRADING, CLASS 2 - MODIFIED (STA)	REMARKS
55	74+50.66		MO 367 EOR	LT	0.6	DRIVEWAY
55	74+74.2	75+42.17	MO 367 EOR	LT	0.7	
56	110+08.19	110+23.96	MO 367 EOR	LT	0.1	
56	110+81.33	111+02.13	MO 367 EOR	RT	0.3	
56	110+82.26	110+07.66	MO 367 EOR	RT	0.2	
56	111+30.45	112+79.75	MO 367 EOR	LT	1.6	
56	112+06.07	112+23.65	MO 367 EOR	RT	0.2	
56	113+10.64	113+41.52	MO 367 EOR	LT	0.3	
57	135+31.03	135+43.89	MO 367 EOR	RT	0.2	
57	20+66.75	20+79.15	DUNN RD	LT	0.4	
57-58	15+70.99	20+35.72	DUNN RD	LT	5.3	
59	13+15.96	13+21.66	MO 367 WOR	RT	0.2	
59	13+61.87	13+80.16	MO 367 WOR	RT	0.3	
60	38+42.17	38+50.84	MO 367 WOR	RT	0.3	
60	38+81.46	38+90.07	MO 367 WOR	RT	0.3	
61	63+91.13	63+03.83	MO 367 WOR	LT	0.2	
61	64+00.64	64+15.96	MO 367 WOR	RT	0.2	
61	64+82.95	64+95.36	MO 367 WOR	LT	0.3	
61	64+92.42	65+27.71	MO 367 WOR	RT	0.8	
62	103+61.26	104+54.84	MO 367 WOR	RT	1.1	
62	103+72.99	103+81.55	MO 367 WOR	LT	0.2	
62	104+77.67	105+10.67	MO 367 WOR	LT	0.4	
62	105+19.36	105+42.38	MO 367 WOR	RT	0.3	
62	105+67.46	106+44.46	MO 367 WOR	RT	1.1	
63	118+09.5	119+47.88	MO 367 WOR	RT	1.5	
63	119+67.47		MO 367 WOR	RT	0.4	DRIVEWAY
63	119+87.25	121+78.48	MO 367 WOR	RT	1.8	
63	121+95.94		MO 367 WOR	RT	0.3	DRIVEWAY
63-64	122+09.42	127+27.74	MO 367 WOR	RT	5.2	
64	127+06.78	127+21.37	MO 367 WOR	RT	0.3	
64-65	26+19.24	29+59.37	DUNN RD	RT	4.0	
65-66	30+25.04	35+61.55	DUNN RD	RT	5.4	
				SUBTOTAL	**49.9**	
70	10+31.32	10+55.71	SPENCER LOOP S	LT	0.4	
71	20+96.58	21+19.43	SPENCER RD	LT	0.2	
71	25+60.92	25+89.94	SPENCER RD	LT	0.3	
72	11+55.57	11+70.13	VETERANS MEMORIAL PKWY	RT	0.1	
72-73	12+29.38	14+09.99	VETERANS MEMORIAL PKWY	RT	2.1	
73	22+15.93	22+58.70	TR HUGHES BLVD	RT	0.1	
74	36+40.97	36+95.61	TR HUGHES BLVD	LT	0.7	
74	36+75.03	37+19.37	TR HUGHES BLVD	RT	0.5	
75	12+17.00	12+25.69	VETERANS MEMORIAL PKWY	RT	0.3	
75	12+96.99	13+32.40	VETERANS MEMORIAL PKWY	RT	3.0	
76	29+93.88		VETERANS MEMORIAL PKWY	RT	1.2	
76	31+51.88		VETERANS MEMORIAL PKWY	RT	1.2	
76	31+90.25	34+46.24	VETERANS MEMORIAL PKWY	RT	2.8	
77	34+58.77		VETERANS MEMORIAL PKWY	RT	1.3	DRIVEWAY
78	12+41.10	12+83.70	MID RIVERS MALL DR	RT	0.6	
78	12+56.30		MID RIVERS MALL DR	LT	0.4	
78	13+70.21	17+52.02	MID RIVERS MALL DR	RT	4.0	
78	13+66.67	15+49.90	MID RIVERS MALL DR	LT	2.0	
78	15+64.99		MID RIVERS MALL DR	LT	0.6	
78-79	15+80.37	17+61.51	MID RIVERS MALL DR	LT	2.0	
79	18+44.12	18+77.62	MID RIVERS MALL DR	RT	0.5	
79	18+46.67		MID RIVERS MALL DR	LT	1.2	
79	21+22.93	22+10.38	MID RIVERS MALL DR	LT	0.9	
80	22+37.70	22+86.40	MID RIVERS MALL DR	LT	0.5	
81	32+76.95	32+82.79	MID RIVERS MALL DR	LT	0.1	
83	16+28.46	16+54.57	BRYAN RD	RT	0.2	
83	16+40.78	16+64.92	BRYAN RD	LT	0.3	
				SUBTOTAL	**27.3**	
				TOTAL	**194.1**	

ISLAND & MEDIAN

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	INTERSECTION QUADRANT	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	6 IN. CONCRETE MEDIAN STRIP (SQYD)	CONCRETE SIDEWALK, 7 IN. (SQYD)	TRUNCATED DOMES (SQFT)	TUBULAR MARKERS (EA)	CURB REFLECTORS (EA)	REMARKS
56	110+45.68	110+68.52	MO 367 EOR	LT	NE	22.5	9.3	22.5	42.3		9	
62	105+19.36	105+42.38	MO 367 WOR	RT	SW	18.0	8.1	18.0	33.9		9	
					SUBTOTAL	**40.5**	**17.4**	**40.5**	**76.2**		**18**	
62	12+97.02	13+10.30	W TERRA LN	RT			6.3					FILL IN CUT-THRU
					SUBTOTAL		**6.3**					
70	10+32.78	10+56.89	SPENCER LOOP S	LT	SE		32.6			3	9	
73	22+33.62	22+50.48	TR HUGHES BLVD	LT	S	13.4	4.6	13.4	30		9	
73	22+94.10	23+08.99	TR HUGHES BLVD	LT	E	14.0	4.6	14.0	34		9	
73	22+99.36	23+24.58	TR HUGHES BLVD	RT	N	21.0	7.2	21.0	30		9	
74	35+39.42	36+08.04	TR HUGHES BLVD	LT	SE	47.0	93.7	47.0	35	1	9	
74	36+06.14	36+21.59	TR HUGHES BLVD	RT	SW	13.1	13.6	13.1	31	1	9	
75	15+88.01	16+02.62	VETERANS MEMORIAL PKWY	RT	S	6.4	2.3	6.4	24		9	
79	17+60.10	17+68.90	MID RIVERS MALL DR	LT	S	10.5	3.5	10.5	24		3	
83	16+60.98	16+84.32	BRYAN RD	RT	SW	12.3	13.8	12.3	20	1	9	
83	16+66.32	16+86.55	BRYAN RD	LT	SE	6.4	17.6	6.4	20	3	9	
83	16+75.22	16+89.37	BRYAN RD	LT & RT	S	9.0	12.3	9.0	20	1	9	
					SUBTOTAL	**153.1**	**205.7**	**153.0**	**268.6**	**10**	**93**	
					SUBTOTALS*	**193.6**			**344.8**			*SEE SUBTOTAL SCHEDULE FOR FINAL PAY ITEM TOTAL
					TOTALS		**229.5**	**193.6**		**10**	**111**	

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

SCHEDULE OF QUANTITIES

SHEET 6 OF 21

REV.

TEMPORARY EROSION CONTROL

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CUYD)	SILT FENCE (LF)	REMARKS
5	17+67	21+61	VALLEY SCHOOL DR	LT		4	394	
6	22+10		VALLEY SCHOOL DR	LT	1	1		
0				**SUBTOTAL**	**1**	**5**	**394**	
0								
9	13+11		INTERSTATE 44	RT	1	1		
9	14+11		INTERSTATE 44	LT	1	1		
10	17+47		INTERSTATE 44	LT	1	1		
11	18+87	21+84	INTERSTATE 44	RT		3	297	
11	18+94		INTERSTATE 44	RT	1	1		
				SUBTOTAL	**4**	**7**	**297**	
20	16+05		I-70 OUTER ROAD	RT	1	1		
20	17+01		I-70 OUTER ROAD	RT	1	1		
23	106+55		I-70 OUTER ROAD	LT	1	1		
23	108+80		I-70 OUTER ROAD	LT	1	1		
23	110+81		I-70 OUTER ROAD	LT	1	1		
23	113+43		I-70 OUTER ROAD	RT	1	1		
				SUBTOTAL	**6**	**6**		
36	16+06.78		I-70 SOR	RT	1	1.0		
36	16+64.47		I-70 SOR	RT	1	1.0		
37	32+81.69	35+55.08	I-70 SOR	RT		2.7	273.4	
37	37+58.37	37+73.47	I-70 SOR	RT		0.2	15.0	
37	38+63.43	38+69.43	I-70 SOR	RT		0.1	6.0	
37	38+67.33	38+70.86	I-70 SOR	RT		0.1	5.0	
37	38+98.77	39+03.77	I-70 SOR	RT		0.1	5.0	
37	39+05.88	39+09.47	I-70 SOR	RT		0.1	5.0	
37	39+07.36	39+37.36	I-70 SOR	RT		0.3	30.0	
37	39+91.56	40+06.55	I-70 SOR	RT		0.2	15.0	
37	40+49.43	40+64.43	I-70 SOR	RT		0.2	15.0	
37-38	40+64.46	41+15.17	I-70 SOR	RT		0.5	50.7	
38	41+29.9	41+39.9	I-70 SOR	RT		0.1	10.0	
38	43+84.41		I-70 SOR	RT	1	1.0		
38	46+89.64	47+21.76	I-70 SOR	RT		0.3	34.6	
38	47+20.04	47+32.74	I-70 SOR	RT		0.1	13.2	
38	47+32.85	47+55.37	I-70 SOR	RT		0.2	22.5	
38	47+54.72		I-70 SOR	RT	1	1.0		
38	47+88.17		I-70 SOR	RT	1	1.0		
38	47+87.08	48+09.05	I-70 SOR	RT		0.2	22.0	
38	48+10.19		I-70 SOR	RT	1	1.0		
38	48+16.57	48+31.3	I-70 SOR	RT		0.2	15.2	
38	48+46.38	48+94.4	I-70 SOR	RT		0.5	48.1	
38	48+96.18		I-70 SOR	RT	1	1.0		
38-39	51+45.8	51+72.76	I-70 SOR	RT		0.3	27.0	
39	52+12.71	52+25.95	I-70 SOR	RT		0.1	13.2	
39	52+25.95	52+40.96	I-70 SOR	RT		0.2	15.0	
39	54+25.74	54+49.99	I-70 SOR	RT		0.2	24.3	
39	54+98.72	55+20.4	I-70 SOR	RT		0.2	21.7	
39	55+41.6	55+64.67	I-70 SOR	RT		0.2	23.1	
39	55+96.33	56+07.76	I-70 SOR	RT		0.1	11.4	
39	56+07.78	56+22.81	I-70 SOR	RT		0.2	15.0	
39	58+22.94	58+50.89	I-70 SOR	RT		0.3	28.0	
39	58+84.15	59+12.17	I-70 SOR	RT		0.3	28.0	
40	61+69.04	61+81.04	I-70 SOR	RT		0.1	12.0	
40	62+01.04	62+20.44	I-70 SOR	RT		0.2	19.4	
40	63+85.64	64+00.68	I-70 SOR	RT		0.2	15.2	
40	64+01.08	64+11.06	I-70 SOR	RT		0.1	10.0	
40	64+27.16	64+37.14	I-70 SOR	RT		0.1	10.0	
40	64+37.41	64+52.56	I-70 SOR	RT		0.2	15.2	
40	65+26.16	65+91.74	I-70 SOR	RT		0.7	65.6	
40	65+94.25	66+04.25	I-70 SOR	RT		0.1	10.0	
40	66+06.74	66+39.3	I-70 SOR	RT		0.3	32.6	
40	67+55.21	67+60.03	I-70 SOR	RT		0.1	5.2	
40	67+61.23	67+66.43	I-70 SOR	RT		0.1	5.2	
40	67+67.54	67+72.62	I-70 SOR	RT		0.1	5.5	
40	67+71.32	67+80.34	I-70 SOR	RT		0.1	9.0	
40	68+92.08	69+04.06	I-70 SOR	RT		0.2	21.7	
41	20+38.14		MO 115 EB	RT	1	1.0		
43	30+16.75		MO 115 EB	LT	1	1.0		
45	31+22.07		MO 115 EB	RT	1	1.0		
46	37+84.75		MO 115 EB	LT	1	1.0		
49	46+46.01		MO 115 EB	LT	1	1.0		
50	50+13.25		MO 115 EB	LT	1	1.0		
50	50+71.15		MO 115 EB	LT	1	1.0		
50	51+99.76		MO 115 EB	LT	1	1.0		
50	51+98.12		MO 115 EB	LT	1	1.0		
50	52+52.56		MO 115 EB	LT	1	1.0		
50	52+62.22	53+74.48	MO 115 EB	LT		1.1	112.3	
43	23+66.62	23+93.81	MO 115 WB	LT		0.3	27.2	
43	23+93.85		MO 115 WB	LT	1	1.0		
43	24+30.83		MO 115 WB	LT	1	1.0		
43	24+28.65	25+05.65	MO 115 WB	LT		0.8	77.0	
43	25+09.48		MO 115 WB	LT	1	1.0		
43	25+43.95		MO 115 WB	LT	1	1.0		
43	25+43.35	25+80.05	MO 115 WB	LT		0.4	36.7	
43	25+80.04		MO 115 WB	LT	1	1.0		
43	26+14.97	26+35.88	MO 115 WB	LT		0.2	20.9	
43	26+15.94		MO 115 WB	LT	1	1.0		
43	26+34.9		MO 115 WB	LT	1	1.0		
43-44	26+64.58	26+92.37	MO 115 WB	LT		0.3	27.8	

TEMPORARY EROSION CONTROL (CONTINUED)

OVERALL SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CUYD)	SILT FENCE (LF)	REMARKS
43	26+65.46		MO 115 WB	LT	1	1.0		
44	27+26.44	27+45.31	MO 115 WB	LT		0.3	32.7	
44	28+53.32		MO 115 WB	LT	1	1.0		
44	28+62.45		MO 115 WB	LT	1	1.0		
46	33+39.83		MO 115 WB	RT	1	1.0		
46	34+29.91		MO 115 WB	RT	1	1.0		
				SUBTOTAL	**29**	**42.6**	**1363.2**	
52	16+86.33		MO 367 EOR	LT	1	1.0		
52	17+73.23		MO 367 EOR	LT	1	1.0		
52	18+71.40		MO 367 EOR	LT	1	1.0		
52	19+63.13		MO 367 EOR	LT	1	1.0		
52	20+19.85		MO 367 EOR	LT	1	1.0		
52	20+27.86	20+49.70	MO 367 EOR	LT		0.2	23.2	
53	33+71.34		MO 367 EOR	LT	1	1.0		
53	35+17.38		MO 367 EOR	LT	1	1.0		
53	36+77.63		MO 367 EOR	LT	1	1.0		
53	37+35.13		MO 367 EOR	LT	1	1.0		
53	38+63.71		MO 367 EOR	LT	1	1.0		
53	40+71.87		MO 367 EOR	LT	1	1.0		
53	42+20.69		MO 367 EOR	LT	1	1.0		
53	43+59.88		MO 367 EOR	LT	1	1.0		
55	72+68.48		MO 367 EOR	LT	1	1.0		
55	72+85.31	73+04.69	MO 367 EOR	LT		0.5	50.8	
55	74+30.08		MO 367 EOR	LT	1	1.0		
55	74+23.57	74+39.01	MO 367 EOR	LT		0.2	15.5	
55	74+74.46	74+89.87	MO 367 EOR	LT		0.2	15.5	
55	75+75.23		MO 367 EOR	LT	1	1.0		
55	74+89.99	75+41.85	MO 367 EOR	LT		0.5	51.9	
55	75+06.38		MO 367 EOR	LT	1	1.0		
56	111+86.09		MO 367 EOR	LT	1	1.0		
56	112+17.59		MO 367 EOR	LT	1	1.0		
56	113+34.90		MO 367 EOR	LT	1	1.0		
58	15+70.27	17+90.38	DUNN RD	RT		1.7	171.2	
58	17+90.28	18+24.25	DUNN RD	RT		0.4	38.1	
57-58	18+24.25	20+07.04	DUNN RD	RT		2.6	263.3	
57	20+07.04	20+30.83	DUNN RD	RT		0.5	51.5	
58	16+75.99		DUNN RD	RT	1	1.0		
58	17+01.39		DUNN RD	RT	1	1.0		
57	20+62.86	20+68.09	DUNN RD	RT		0.1	7.8	
57	20+69.00	20+76.52	DUNN RD	RT		0.1	14.5	
57	20+74.11	20+81.88	DUNN RD	RT		0.1	14.8	
57	20+74.44	20+80.85	DUNN RD	RT		0.1	14.5	
59	13+13.00	13+13.76	MO 367 WOR	RT		0.1	5.0	
59	13+13.26	13+16.87	MO 367 WOR	RT		0.2	23.8	
59	13+68.97	13+71.94	MO 367 WOR	RT		0.1	5.1	
59	13+72.70	13+82.92	MO 367 WOR	RT		0.3	25.1	
61	64+06.98		MO 367 WOR	LT	1	1.0		
61	64+22.05		MO 367 WOR	RT	1	1.0		
61	64+73.55		MO 367 WOR	LT	1	1.0		
62	105+69.43		MO 367 WOR	RT	1	1.0		
62	105+77.76	105+91.83	MO 367 WOR	RT		0.3	32.8	
63	118+35.67		MO 367 WOR	RT	1	1.0		
63	119+52.15		MO 367 WOR	RT	1	1.0		
63	120+03.57		MO 367 WOR	RT	1	1.0		
63	120+93.27		MO 367 WOR	RT	1	1.0		
63	121+82.13		MO 367 WOR	RT	1	1.0		
63	122+23.93		MO 367 WOR	RT	1	1.0		
63	123+05.18		MO 367 WOR	RT	1	1.0		
64	125+63.04	126+85.40	MO 367 WOR	RT		1.2	122.4	
64	125+98.62		MO 367 WOR	RT	1	1.0		
64	126+28.61		MO 367 WOR	RT	1	1.0		
64	126+85.40	127+18.98	MO 367 WOR	RT		0.5	46.4	
64	126+89.77		MO 367 WOR	LT	1	1.0		
64-65	26+21.18	29+59.22	DUNN RD	RT		4.2	415.7	
65-66	30+34.57	35+58.44	DUNN RD	RT		5.0	504.7	
65	32+09.36		DUNN RD	RT	1	1.0		
66	35+17.59		DUNN RD	RT	1	1.0		
66	35+42.85	35+51.83	DUNN RD	RT		0.1	14.2	
				SUBTOTAL	**38**	**57.3**	**1927.6**	
71	20+90.87	21+22.78	SPENCER RD	LT		0.4	35.8	
71	25+55.79	25+94.37	SPENCER RD	LT		0.4	43.0	
72-73	12+24.78	14+06.91	VETERANS MEM PKWY	RT		2.2	215.5	
73	22+11.43	22+52.64	TR HUGHES BLVD	RT		0.6	57.8	
74	36+77.23	37+21.32	TR HUGHES BLVD	RT		0.6	59.7	
75	12+27.91		VETERANS MEM PKWY	RT	1	1.0		
75	12+96.39		VETERANS MEM PKWY	RT	1	1.0		
75	13+31.98		VETERANS MEM PKWY	RT	1	1.0		
76	32+07.2	32+22.37	VETERANS MEM PKWY	RT		0.3	26.6	
78	14+25.23		MID RIVERS MALL DR	RT	1	1.0		
78	16+12.4		MID RIVERS MALL DR	RT	1	1.0		
79	18+99.52		MID RIVERS MALL DR	LT	1	1.0		
83	16+24.91	16+78.58	BRYAN RD	RT		0.9	86.9	
83	16+32.64	16+77.39	BRYAN RD	LT		0.8	76.9	
				SUBTOTAL	**6**	**12.0**	**602.2**	
				TOTAL	**84**	**130**	**4585**	

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE: VAR | STATE: MO

DISTRICT: SL | SHEET NO.: 3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 7 OF 21

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_07_J6P3510E_I1.dgn 12:25:58 PM 9/29/2026

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

PAVEMENT MARKING QUANTITIES

OVERALL SHEET NUMBER	BASELINE	FROM STATION	TO STATION	LOCATION	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25 MIL, TYPE L BEADS)	6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT (25 MIL, TYPE L BEADS)	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, STRAIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL (SYMBOLS)	REMARKS
					(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(LF)	(EA)	
6	VALLEY SCHOOL DR	21+53.48	22+15.81	LT, CROSSWALK				112.5						
6	VALLEY SCHOOL DR	21+71.33	21+93.76	LT, STOP BAR				22.43				22		
				SUBTOTAL				134.93				22		
10	HAMPTON AVE	13+56.15	13+73.79	RT, CROSSWALK, HAMPTON				30				42		
10	HAMPTON AVE	14+16.60	14+51.03	RT, CROSSWALK, HAMPTON				52.5				72		
10	HAMPTON AVE	14+31.13	14+80.96	LT, CROSSWALK, HAMPTON				75				110		
11	HAMPTON AVE	17+86.61	18+41.81	RT, CROSSWALK, HAMPTON				67.5				90		
11	HAMPTON AVE	18+12.10	18+56.66	LT, CROSSWALK, HAMPTON				67.5				72		
12	VANDEVENTER	12+75.84	13+68.49	LT, CROSSWALK, VANDEVENTER				75				153		
12	VANDEVENTER	13+84.00	14+60.75	RT, CROSSWALK, VANDEVENTER				75						
13	VANDEVENTER	16+77.07	17+27.14	LT, CROSSWALK, VANDEVENTER				75						
				SUBTOTAL				517.5				539		
21	I-70 N OUTER RD	93+05.27	93+19.56	LT/RT, CROSSWALK				165				189		
21	I-70 N OUTER RD	93+25.37	93+63.29	LT, CROSSWALK				67.5						
21	I-70 N OUTER RD	93+25.57	93+50.05	LT, STOP BAR				24				24		
22	I-70 S OUTER RD	103+24.27	103+39.90	RT, CROSSWALK				37.5				40		
22	I-70 S OUTER RD	103+31.21	103+44.63	LT, CROSSWALK				37.5				40		
22	I-70 S OUTER RD	103+35.77	103+42.48	LT/RT, CROSSWALK				67.5				80		
22	I-70 S OUTER RD	103+54.35	104+29.33	LT, CROSSWALK				127.5				75		
22	I-70 S OUTER RD	104+39.30	104+47.36	LT/RT, CROSSWALK				97.5				113		
22	I-70 S OUTER RD	104+50.70	104+74.20	LT, CROSSWALK				37.5				42		
23	I-70 S OUTER RD	108+41.15	108+81.98									122		
23	I-70 S OUTER RD	109+86.23	110+37.53									159		
25	I-70 S OUTER RD	195+05.03	195+23.88	RT, CROSSWALK				37.5				40		
25	I-70 S OUTER RD	195+07.62	195.27.65	LT, CROSSWALK				37.5				44		
25	I-70 S OUTER RD	195+25.70	195+32.72	LT/RT, CROSSWALK				60						
25	I-70 S OUTER RD	195+33.72	195+66.69	RT, CROSSWALK				60				72		
25	I-70 S OUTER RD	195+37.56	195+72.51	LT, CROSSWALK				60				72		
25	I-70 S OUTER RD	195+71.99	195+82.00	LT/RT, CROSSWALK				60						
25	I-70 S OUTER RD	195+75.49	195+94.39	RT, CROSSWALK				37.5				44		
25	I-70 S OUTER RD	195+83.78	196+02.96	LT, CROSSWALK				37.5				44		
				SUBTOTAL				1051.5				1200		
36	I-70 SOR	19+37.68	19+87.28	RT				128						CROSS WALK
45	MO 115 EB	32+66.84	32+87.37	LT/RT				96						CROSS WALK
45	MO 115 EB	32+66.84	32+88.81	LT/RT								119		CROSS WALK
45	MO 115 EB	33+09.51	33+58.66	RT								97		CROSS WALK
45	MO 115 EB	33+12.98	33+56.22	RT				72						CROSS WALK
45	MO 115 EB	33+50.09	33+73.48	LT/RT				72						CROSS WALK
45	MO 115 EB	33+50.73	33+73.48	LT/RT								85		CROSS WALK
44	MO 115 WB	27+46.15	27+84.94	LT				64						CROSS WALK
44	MO 115 WB	27+47.25	27+84.94	LT								77		CROSS WALK
44	MO 115 WB	27+95.64	28+19.79	LT/RT				72						CROSS WALK
44	MO 115 WB	27+96.67	28+20.56	LT/RT								94		CROSS WALK
44	MO 115 WB	28+00.16	28+41.95	LT				80						CROSS WALK
44	MO 115 WB	28+00.16	28+41.95	LT								96		CROSS WALK
44	MO 115 WB	28+70.88	28+92.76	LT/RT								130		CROSS WALK
44	MO 115 WB	28+70.88	28+93.50	LT/RT				96						CROSS WALK
				SUBTOTAL				**680**				**699**		

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

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

PAVEMENT MARKING QUANTITIES

OVERALL SHEET NUMBER	BASELINE	FROM STATION	TO STATION	LOCATION	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, STRAIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL (SYMBOLS)	REMARKS
					(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(LF)	(EA)	
52	MO 367 EOR	20+45.46	20+56.08	LT/RT				104						CROSS WALK
52	MO 367 EOR	20+57.03	21+54.37	LT				160						CROSS WALK
52	MO 367 EOR	20+56.80	21+54.37	LT								133		CROSS WALK
52	MO 367 EOR	20+64.52	21+60.08	LT								185		CROSS WALK
55	MO 367 EOR	71+71.16	71+79.16	LT/RT				64						CROSS WALK
55	MO 367 EOR	71+72.15	71+79.16	LT/RT								94		CROSS WALK
55	MO 367 EOR	72+01.71	72+77.10	RT								145		CROSS WALK
55	MO 367 EOR	72+09.20	72+76.70	RT				112						CROSS WALK
55	MO 367 EOR	72+75.05	72+90.98	LT/RT								116		CROSS WALK
55	MO 367 EOR	72+84.83	72+92.82	LT/RT				88						CROSS WALK
56	MO 367 EOR	110+22.30	110+48.74	LT								61		CROSS WALK
56	MO 367 EOR	110+22.06	110+48.72	LT				48						CROSS WALK
56	MO 367 EOR	110+55.78	111+02.63	LT/RT										CROSS WALK
56	MO 367 EOR	110+59.58	110+89.51	LT/RT				64						CROSS WALK
56	MO 367 EOR	110+65.19	111+41.24	LT								147		CROSS WALK
56	MO 367 EOR	110+69.07	111+37.40	LT				112						CROSS WALK
56	MO 367 EOR	111+41.24	112+05.22	LT/RT								183		CROSS WALK
56	MO 367 EOR	111+44.16	112+05.54	LT/RT				152						CROSS WALK
57	MO 367 EOR	135+35.24	135+43.09	LT/RT								126		CROSS WALK
57	MO 367 EOR	135+36.70	135+40.58	LT/RT				96						CROSS WALK
57	DUNN RD	29+95.61	30+19.58	RT				24						STOP BAR
57	DUNN RD	20+37.21	20+63.02	RT				64						CROSS WALK
57	DUNN RD	20+51.44	20+59.44	RT				12						STOP BAR
59	MO 367 WOR	12+96.79	13+15.78	LT/RT				96						CROSS WALK
59	MO 367 WOR	12+96.74	13+27.49	LT/RT								140		CROSS WALK
59	MO 367 WOR	12+97.18	12+96.78	RT				24						STOP BAR
59	MO 367 WOR	13+25.87	13+72.18	RT								94		CROSS WALK
59	MO 367 WOR	13+25.60	13+68.52	RT				72						CROSS WALK
59	MO 367 WOR	13+46.18	13+58.21	RT				12						STOP BAR
61	MO 367 WOR	63+97.92	64+09.04	LT/RT				96						CROSS WALK
61	MO 367 WOR	64+00.55	64+12.69	LT/RT								140		CROSS WALK
61	MO 367 WOR	64+10.78	64+94.23	RT								160		CROSS WALK
61	MO 367 WOR	64+11.32	64+88.93	RT				128						CROSS WALK
61	MO 367 WOR	64+77.06	64+98.50	LT/RT								130		CROSS WALK
61	MO 367 WOR	64+83.72	65+06.48	LT/RT				88						CROSS WALK
62	MO 367 WOR	103+81.78	104+54.07	LT/RT								186		CROSS WALK
62	MO 367 WOR	103+81.92	104+38.40	LT/RT				128						CROSS WALK
62	MO 367 WOR	104+46.75	105+18.64	RT				120						CROSS WALK
62	MO 367 WOR	104+51.36	105+23.58	RT								139		CROSS WALK
62	MO 367 WOR	104+87.54	105+27.23	LT/RT								96		CROSS WALK
62	MO 367 WOR	105+04.76	105+26.22	LT/RT				56						CROSS WALK
62	MO 367 WOR	105+40.15	105+68.67	RT				48						CROSS WALK
62	MO 367 WOR	105+42.26		RT					1			54		CROSS WALK
63	MO 367 WOR	119+61.97		RT	36									TURN ARROW
63	MO 367 WOR	119+68.12		DRIVEWAY					1					LANE LINE
63	MO 367 WOR	119+74.79		RT						1				TURN ARROW
63	MO 367 WOR	121+89.09		RT						1				STRAIGHT ARROW
63	MO 367 WOR	121+99.02		RT										STRAIGHT ARROW
64	MO 367 WOR	127+13.87	127+23.92	LT/RT								179		CROSS WALK
64	MO 367 WOR	127+13.78	127+22.35	LT/RT				128						CROSS WALK
				SUBTOTAL	**36**			**2096**	**2**	**2**		**2610**		

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

PAVEMENT MARKING QUANTITIES (CONTINUED)

OVERALL SHEET NUMBER	BASELINE	FROM STATION	TO STATION	LOCATION	6 IN. WHITE CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	6 IN. YELLOW CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, STRAIGHT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. X 36 IN., YIELD LINE TRIANGLE	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING REMOVAL (SYMBOLS)	REMARKS
					(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(LF)	(EA)	
73	TR HUGHES BLVD	22+11.94	22+35.11	LT				40				46		CROSSWALK
73	TR HUGHES BLVD	22+16.01	22+52.28	LT			137					137		MEDIAN
73	TR HUGHES BLVD	22+19.56	22+35.51	RT			18					38		EDGE OF PAVEMENT
73	TR HUGHES BLVD	22+35.50	22+42.02	LT/RT				136				160		CROSSWALK
73	TR HUGHES BLVD	22+47.08	22+99.88	RT				88				110		CROSSWALK
73	TR HUGHES BLVD	22+50.03	22+60.97	RT			20					20		EDGE OF PAVEMENT
73	TR HUGHES BLVD	22+51.24	22+93.82	LT				72				84		CROSSWALK
73	TR HUGHES BLVD	22+91.18	23+47.93	LT			145					145		MEDIAN
73	TR HUGHES BLVD	22+94.15	23+61.49	RT			219					219		MEDIAN
73	TR HUGHES BLVD	23+02.23	23+13.47	LT/RT				120				140		CROSSWALK
73	TR HUGHES BLVD	23+04.76	23+17.69	LT				24				30		CROSSWALK
73	TR HUGHES BLVD	23+21.76	23+39.19	RT				32				34		CROSSWALK
74	TR HUGHES BLVD	35+06.94	36+14.30	LT			423					423		MEDIAN
74	TR HUGHES BLVD	35+23.03	35+41.29	LT				32						CROSSWALK
74	TR HUGHES BLVD	35+61.98	36+23.93	RT			153					160		MEDIAN
74	TR HUGHES BLVD	35+92.25	36+13.05	LT/RT				144				176		CROSSWALK
74	TR HUGHES BLVD	35+94.30	36+10.29	RT				32						CROSSWALK
74	TR HUGHES BLVD	35+96.35	35+96.63	RT				25				25		STOP BAR
74	TR HUGHES BLVD	36+05.17	36+48.04	LT				72				90		CROSSWALK
74	TR HUGHES BLVD	36+05.49	36+29.14	LT				25				25		STOP BAR
74	TR HUGHES BLVD	36+24.29	36+87.07	RT				104				132		CROSSWALK
74	TR HUGHES BLVD	36+39.14	36+46.46	LT			15					37		EDGE OF PAVEMENT
74	TR HUGHES BLVD	36+42.48	36+77.87	RT				37				37		STOP BAR
74	TR HUGHES BLVD	36+50.83	36+66.90	LT			21					21		EDGE OF PAVEMENT
74	TR HUGHES BLVD	36+68.66	36+98.01	LT/RT				168				210		CROSSWALK
74	TR HUGHES BLVD	36+72.82	36+84.32	RT			20					20		EDGE OF PAVEMENT
74	TR HUGHES BLVD	36+74.63	36+94.17	LT			21					21		EDGE OF PAVEMENT
74	TR HUGHES BLVD	36+89.25	36+89.68	LT				37				37		STOP BAR
74	TR HUGHES BLVD	36+98.01	37+16.53	RT			20					20		EDGE OF PAVEMENT
75	VETERANS MEM PKWY	12+25.85	12+98.35	RT				120						CROSSWALK
76	VETERANS MEM PKWY	31+11.51	31+90.60	RT				128						CROSSWALK
76	VETERANS MEM PKWY	31+46.85	31+50.00	RT										CENTERLINE
76	VETERANS MEM PKWY	31+49.33	31+78.80	RT				34						STOP BAR
76	VETERANS MEM PKWY	31+56.23	+0.00	RT		67.0			1					ARROW
76	VETERANS MEM PKWY	31+58.98	31+61.49	RT			34							SOLID LANE LINE
76	VETERANS MEM PKWY	31+64.89		RT					1					ARROW
77	VETERANS MEM PKWY	33+83.44	34+45.16	RT			79							EDGE OF PAVEMENT
77	VETERANS MEM PKWY	34+22.96		RT			163							MEDIAN
77	VETERANS MEM PKWY	34+38.60	+0.00	RT					1					ARROW
77	VETERANS MEM PKWY	34+44.50	34+72.30	RT				40						CROSSWALK
77	VETERANS MEM PKWY	34+47.24		RT			36							EDGE OF PAVEMENT
77	VETERANS MEM PKWY	34+57.83	34+59.02	RT										CENTERLINE
77	VETERANS MEM PKWY	34+70.44	+0.00	RT					1					ARROW
77	VETERANS MEM PKWY	34+69.17	34+69.75	RT		37.0	38							EDGE OF PAVEMENT
77	VETERANS MEM PKWY	34+71.33	35+16.65	RT			62							EDGE OF PAVEMENT
78	MID RIVERS MALL RD	12+63.32	12+78.31	LT/RT				176				210		CROSSWALK
78	MID RIVERS MALL RD	12+79.12	13+72.83	LT				154				186		CROSSWALK
78	MID RIVERS MALL RD	12+71.29	13+75.55	RT				154				210		CROSSWALK
78	MID RIVERS MALL RD	13+19.18	13+72.45	RT				53				52		STOP BAR
78	MID RIVERS MALL RD	13+71.35	13+78.41	LT/RT				208				250		CROSSWALK
78	MID RIVERS MALL RD	15+48.95	15+81.74	LT				48						CROSSWALK
78	MID RIVERS MALL RD	15+50.56	15+67.18	LT				17						STOP BAR
78	MID RIVERS MALL RD	15+60.25	+0.00	LT					1				1	ARROW
78	MID RIVERS MALL RD	15+72.08	+0.00	LT						1			1	ARROW
79	MID RIVERS MALL RD	17+52.51		LT				48				60		CROSSWALK
79	MID RIVERS MALL RD	17+59.95		LT/RT				104				126		CROSSWALK
79	MID RIVERS MALL RD	17+58.19	18+76.28	LT				144				180		CROSSWALK
79	MID RIVERS MALL RD	17+73.72	18+59.21	RT				128				180		CROSSWALK
79	MID RIVERS MALL RD	18+67.47	18+85.05	LT/RT				144				188		CROSSWALK
81	MID RIVERS MALL RD	30+24.69	30+40.87	LT								32		EDGE OF PAVEMENT
81	MID RIVERS MALL RD	30+26.46	30+37.50	LT							4.0	0	6	YIELD BAR
81	MID RIVERS MALL RD	30+44.74	31+22.77	LT		32.0						101		EDGE OF PAVEMENT
83	BRYAN RD	16+32.40	16+49.42	RT			20					20		EDGE OF PAVEMENT
83	BRYAN RD	16+32.51	16+87.97	RT		101.3	132					144		MEDIAN
83	BRYAN RD	16+42.55	16+85.60	LT								34		EDGE OF PAVEMENT
83	BRYAN RD	16+43.11	16+72.42	RT								29		EDGE OF PAVEMENT
83	BRYAN RD	16+44.33	16+52.19	LT		34.0						0		YIELD BAR
83	BRYAN RD	16+45.88	16+64.00	LT		29.0	20					20		EDGE OF PAVEMENT
83	BRYAN RD	16+48.65	16+68.10	RT				32						CROSSWALK
83	BRYAN RD	16+57.54	16+78.57	LT				32						CROSSWALK
83	BRYAN RD	16+53.07	16+92.85	LT			133					145		MEDIAN
83	BRYAN RD	16+71.99	16+72.41	RT				24				24		STOP BAR
83	BRYAN RD	16+68.49	16+79.13	RT							5.0			YIELD BAR
83	BRYAN RD	16+76.37	16+82.57	LT				48						CROSSWALK
83	BRYAN RD	16+76.42	16+82.44	RT				48						CROSSWALK
				SUBTOTAL		**300.3**	**1930**	**3072**	**5**	**1**	**14.0**	**4788**	**8**	
				TOTAL	**36**	**301**	**1931**	**7552**	**7**	**3**	**14**	**9859**	**8**	

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 10 OF 21

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_10_J6P3510E_I1.dgn 12:26:09 PM 9/29/2026

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET	ROADWAY	STATION (FROM)	STATION (TO)	LOCATION	QUANTITY	UNIT	DESCRIPTION OF REMOVAL
5-6	MO 141 VALLEY PARK	12+21	21+58	LEFT	6	EACH	CURB RAMPS
5-6	MO 141 VALLEY PARK	12+21	21+58	LEFT	658	SQYD	CONCRETE SIDEWALK
5	MO 141 VALLEY PARK	13+04		LEFT	69	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
5	MO 141 VALLEY PARK	13+94		LEFT	1	EACH	TREE
5	MO 141 VALLEY PARK	17+34		LEFT	104	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
6	MO 141 VALLEY PARK	22+16	25+57	LEFT	2	EACH	CURB RAMPS
6	MO 141 VALLEY PARK	22+16	25+57	LEFT	165	SQYD	CONCRETE SIDEWALK
7	MO 141 VALLEY PARK	44+59	53+01	LEFT	456	SQYD	CONCRETE SIDEWALK
7	MO 141 VALLEY PARK	44+59	44+77	LEFT	1	EACH	CURB RAMPS
9	I-44 St. Louis, WABASH AVE	14+75	14+85	RIGHT	1	EACH	CURB RAMP
9	I-44 St. Louis, WABASH AVE	14+71		RIGHT	9	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
10	I-44 St. Louis, HAMPTON AVE	14+51	14+67	RIGHT	1	EACH	CURB RAMP
10-11	I-44 St. Louis, HAMPTON AVE	13+04	21+45	RIGHT	141	SQYD	CONCRETE SIDEWALK
10	I-44 St. Louis, HAMPTON AVE	13+45	13+59	RIGHT	1	EACH	CURB RAMP
10	I-44 St. Louis, HAMPTON AVE	13+38	15+16	LEFT	72	SQYD	CONCRETE SIDEWALK
11	I-44 St. Louis, HAMPTON AVE	17+81	19+67	LEFT	195	SQYD	CONCRETE SIDEWALK
11	I-44 St. Louis, HAMPTON AVE	18+54	18+65	LEFT	1	EACH	CURB RAMP
11	I-44 St. Louis, HAMPTON AVE	19+80	19+99	LEFT	22	LF	CURB
12	I-44 St. Louis, VANDEVENTER AVE	12+58	12+85	LEFT	1	EACH	CURB RAMP
12-14	I-44 St. Louis,DE TONTY	12+19	15+99	RIGHT	131	SQYD	CONCRETE SIDEWALK
12	I-44 St. Louis,DE TONTY	11+75		RIGHT	36	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
14	I-44 St. Louis,DE TONTY	15+02		RIGHT	40	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
15	I-44 St. Louis, COPELIN AVE	10+45	10+91	RIGHT	2	EACH	CURB RAMP
16	I-44 St. Louis, NEBRASKA AVE	11+89	12+24	RIGHT/LEFT	45	SQYD	CONCRETE SIDEWALK
17	I-44 St. Louis, MISSISSIPPI AVE	11+89		LEFT	24	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
17	I-44 St. Louis, MISSISSIPPI AVE	15+58		LEFT	44	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
17	I-44 St. Louis, MISSISSIPPI AVE	15+81	16+04	RIGHT/LEFT	3	EACH	CURB RAMP
17	I-44 St. Louis, MISSISSIPPI AVE	15+81	15+88	RIGHT	11	SQYD	CONCRETE SIDEWALK
19	I-70 OUTER RD	11+83	12+71	RIGHT	24	SQYD	CONCRETE SIDEWALK
20	I-70 OUTER RD	16+06	16+21	RIGHT	1	EACH	CURB RAMP
30	I-70 OUTER RD	31+04	31+32	RIGHT	1	EACH	CURB RAMP
21	I-70 OUTER RD	93+06	93+25	LEFT	33	LF	CURB
21	I-70 OUTER RD				2	EACH	CURB RAMP
21	I-70 OUTER RD				4	SQYD	CONCRETE SIDEWALK
22	I-70 OUTER RD	102+69	104+67.49	LEFT	115	SQYD	CONCRETE SIDEWALK
22	I-70 OUTER RD				20	LF	CURB
22-23	I-70 OUTER RD	104+05	106+90	RIGHT	218	SQYD	ASPHALT SIDEWALK
22-24	I-70 OUTER RD				4	SQYD	CONCRETE SIDEWALK
22-25	I-70 OUTER RD				21	LF	CURB
22-26	I-70 OUTER RD	104+94	108+95	LEFT	319	SQYD	ASPHALT SIDEWALK
22-27	I-70 OUTER RD				153	LF	CURB
23	I-70 OUTER RD	107+72	113+69	RIGHT	428	SQYD	ASPHALT SIDEWALK
23	I-70 OUTER RD	109+37		LEFT	234	SQYD	PAVED APPROACH (INCLUDES ANY CURB)
23	I-70 OUTER RD	109+78	112+38	LEFT	190	SQYD	ASPHALT SIDEWALK
24	I-70 OUTER RD	121+24	125+39	RIGHT	319	SQYD	CONCRETE SIDEWALK
24	I-70 OUTER RD	161+27	166+30	RIGHT	387	SQYD	ASPHALT SIDEWALK
25	I-70 OUTER RD	195+90	196+07	LEFT	1	EACH	CURB RAMP
35	I-70 SOR	13+13.58	13+30.00	RT	11	SY	CONCRETE SIDEWALK
36	I-70 SOR	15+63.73	15+96.03	RT	24	SY	CONCRETE SIDEWALK
36	I-70 SOR	15+63.73	15+96.03	RT	37	LF	CURB & GUTTER
36	I-70 SOR	16+09.93	17+07.64	RT	66	SY	CONCRETE SIDEWALK
36	I-70 SOR	16+07.30	16+14.57	RT	23	LF	CURB
37	I-70 SOR	32+42.69	35+55.03	RT	177	SY	CONCRETE SIDEWALK
37	I-70 SOR	37+43.33	37+73.43	RT	18	SY	CONCRETE SIDEWALK
37	I-70 SOR	38+63.48	38+79.08	RT	11	SY	CONCRETE SIDEWALK
37	I-70 SOR	38+57.82	39+16.26	RT	88	SY	PAVED APPROACH
37	I-70 SOR	38+97.84	39+37.43	RT	24	SY	CONCRETE SIDEWALK
37	I-70 SOR	39+91.81	40+07.26	RT	10	SY	CONCRETE SIDEWALK
37	I-70 SOR	39+86.00	40+69.26	RT	144	SY	PAVED APPROACH
37-38	I-70 SOR	40+49.38	41+15.24	RT	38	SY	CONCRETE SIDEWALK
38	I-70 SOR	41+29.89	41+54.55	RT	21	SY	CONCRETE SIDEWALK
38	I-70 SOR	41+50.44	41+89.24	RT	61	SY	PAVED APPROACH
38	I-70 SOR	41+86.19	44+03.59	RT	148	SY	CONCRETE SIDEWALK
38	I-70 SOR	41+89.24	43+46.20	RT	35	SY	ASPHALT SHOULDER
38	I-70 SOR	42+09.19	43+49.88	RT	141	LF	RAILING
38	I-70 SOR	46+83.73	47+55.96	RT	57	SY	CONCRETE SIDEWALK
38	I-70 SOR	46+83.73	47+32.35	RT	11	SY	ASPHALT SHOULDER
38	I-70 SOR	47+47.85	47+93.70	RT	64	SY	PAVED APPROACH
38	I-70 SOR	47+86.51	48+30.57	RT	28	SY	CONCRETE SIDEWALK
38	I-70 SOR	47+94.07	48+01.96	RT	8	LF	CURB
38	I-70 SOR	48+45.37	48+94.26	RT	32	SY	CONCRETE SIDEWALK
38	I-70 SOR	48+45.37	48+94.26	RT	48	LF	CURB
38	I-70 SOR	49+28.93	50+17.08	RT	60	SY	CONCRETE SIDEWALK
38	I-70 SOR	49+96.68	50+11.80	RT	15	LF	CURB
38	I-70 SOR	50+45.56	50+75.51	RT	22	SY	CONCRETE SIDEWALK
38	I-70 SOR	50+52.41	50+67.69	RT	15	LF	CURB
38-39	I-70 SOR	51+45.51	51+73.83	RT	19	SY	CONCRETE SIDEWALK
38-39	I-70 SOR	51+45.51	51+60.18	RT	15	LF	CURB
39	I-70 SOR	51+60.36	52+26.05	RT	72	SY	PAVED APPROACH
39	I-70 SOR	52+11.71	52+41.06	RT	19	SY	CONCRETE SIDEWALK
39	I-70 SOR	52+26.05	52+41.06	RT	15	LF	CURB
39	I-70 SOR	53+38.33	53+58.33	RT	13	SY	CONCRETE SIDEWALK
39	I-70 SOR	53+69.95	53+93.87	RT	17	SY	CONCRETE SIDEWALK
39	I-70 SOR	53+69.95	53+84.91	RT	15	LF	CURB

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET	ROADWAY	STATION (FROM)	STATION (TO)	LOCATION	QUANTITY	UNIT	DESCRIPTION OF REMOVAL
39	I-70 SOR	53+77.02		RT	1	EA	BUSH
39	I-70 SOR	55+77.50		RT	1	EA	BUSH
39	I-70 SOR	53+84.91	54+35.11	RT	62	SY	PAVED APPROACH
39	I-70 SOR	54+25.02	54+50.10	RT	17	SY	CONCRETE SIDEWALK
39	I-70 SOR	54+35.11	54+50.10	RT	15	LF	CURB
39	I-70 SOR	54+98.80	55+21.02	RT	16	SY	CONCRETE SIDEWALK
39	I-70 SOR	54+98.80	55+13.84	RT	15	LF	CURB
39	I-70 SOR	55+13.84	55+50.10	RT	41	SY	PAVED APPROACH
39	I-70 SOR	55+41.05	55+65.34	RT	18	SY	CONCRETE SIDEWALK
39	I-70 SOR	55+55.63	56+07.82	RT	59	SY	PAVED APPROACH
39	I-70 SOR	55+95.43	56+22.78	RT	18	SY	CONCRETE SIDEWALK
39	I-70 SOR	56+07.82	56+22.78	RT	15	LF	CURB
39	I-70 SOR	58+23.07	58+50.95	RT	19	SY	CONCRETE SIDEWALK
39	I-70 SOR	58+23.14	58+38.14	RT	15	LF	CURB
39	I-70 SOR	58+38.14	58+96.72	RT	66	SY	PAVED APPROACH
39	I-70 SOR	58+84.21	59+12.30	RT	19	SY	CONCRETE SIDEWALK
39	I-70 SOR	58+96.72	59+12.30	RT	15	LF	CURB
40	I-70 SOR	61+69.01	61+81.01	RT	8	SY	CONCRETE SIDEWALK
40	I-70 SOR	61+69.01	61+74.00	RT	5	LF	CURB
40	I-70 SOR	61+74.00	62+08.00	RT	40	SY	PAVED APPROACH
40	I-70 SOR	62+01.04	62+20.42	RT	14	SY	CONCRETE SIDEWALK
40	I-70 SOR	62+08.00	62+20.42	RT	15	LF	CURB
40	I-70 SOR	63+86.07	64+11.05	RT	17	SY	CONCRETE SIDEWALK
40	I-70 SOR	63+86.07	64+01.06	RT	15	LF	CURB
40	I-70 SOR	64+01.06	64+37.06	RT	39	SY	PAVED APPROACH
40	I-70 SOR	64+27.15	64+52.07	RT	17	SY	CONCRETE SIDEWALK
40	I-70 SOR	64+37.06	64+52.07	RT	15	LF	CURB
40	I-70 SOR	65+26.13	66+39.28	RT	78	SY	CONCRETE SIDEWALK
40	I-70 SOR	67+56.30	67+80.68	RT	17	SY	CONCRETE SIDEWALK
40	I-70 SOR	67+56.30	67+71.28	RT	15	LF	CURB
40	I-70 SOR	67+71.28	68+22.31	RT	62	SY	PAVED APPROACH
40	I-70 SOR	68+12.80	68+37.32	RT	17	SY	CONCRETE SIDEWALK
40	I-70 SOR	68+37.32	68+22.31	RT	15	LF	CURB
40	I-70 SOR	68+92.06	69+06.00	RT	7	SY	CONCRETE SIDEWALK
40	I-70 SOR	68+92.06	69+58.66	RT	119	SY	PAVED APPROACH
40-41	I-70 SOR	69+39.53	70+39.84	RT	57	SY	CONCRETE SIDEWALK
40-41	I-70 SOR	69+39.53	70+39.84	RT	100	LF	CURB
40-41	I-70 SOR	69+39.53	70+39.84	RT	21	SY	ASPHALT PARKING LOT
41	I-70 SOR	70+33.07	70+81.72	RT	130	SY	PAVED APPROACH
41	I-70 SOR	70+77.87	71+19.27	RT	35	SY	CONCRETE SIDEWALK
41	I-70 SOR	70+77.87	71+19.27	RT	63	LF	CURB
41	I-70 SOR	70+77.87	71+19.27	RT	11	SY	ASPHALT PARKING LOT
41	MO 115 EB	17+52.71	19+45.25	RT	117	SY	CONCRETE SIDEWALK
41	MO 115 EB	19+33.04	19+85.03	RT	85	SY	PAVED APPROACH
41-42	MO 115 EB	19+81.08	20+93.57	RT	64	SY	CONCRETE SIDEWALK
42	MO 115 EB	20+91.02	21+40.14	RT	123	SY	PAVED APPROACH
42	MO 115 EB	21+29.05	21+65.56	RT	23	SY	CONCRETE SIDEWALK
42	MO 115 EB	21+58.73	22+06.46	RT	123	SY	PAVED APPROACH
42	MO 115 EB	21+95.90	22+37.71	RT	26	SY	CONCRETE SIDEWALK
42	MO 115 EB	21+95.90	22+37.71	RT	40	LF	CURB
42	MO 115 EB	22+16.00	22+70.70	RT	143	SY	PAVED APPROACH
42	MO 115 EB	22+66.04	23+45.41	RT	45	SY	CONCRETE SIDEWALK
42	MO 115 EB	22+66.04	23+45.41	RT	71	LF	CURB
42	MO 115 EB	23+40.69	23+88.20	RT	136	SY	PAVED APPROACH
42	MO 115 EB	23+75.30	24+61.36	RT	50	SY	CONCRETE SIDEWALK
42	MO 115 EB	23+75.30	24+61.36	RT	84	LF	CURB
43	MO 115 WB	23+66.62	23+93.81	LT	18	SY	CONCRETE SIDEWALK
43	MO 115 WB	23+66.62	23+80.61	LT	15.00	LF	CURB
43	MO 115 WB	23+80.61	24+40.29	LT	52.14	SY	PAVED APPROACH
43	MO 115 WB	24+27.72	25+06.76	LT	53	SY	CONCRETE SIDEWALK
43	MO 115 WB	24+40.29	25+00.54	LT	60	LF	CURB
43	MO 115 WB	25+00.54	25+47.56	LT	52	SY	PAVED APPROACH
43	MO 115 WB	25+42.72	25+80.79	LT	27	SY	CONCRETE SIDEWALK
43	MO 115 WB	25+47.56	25+70.82	LT	23	LF	CURB
43	MO 115 WB	25+70.82	26+24.04	LT	50	SY	PAVED APPROACH
43	MO 115 WB	26+14.24	26+36.58	LT	13	SY	CONCRETE SIDEWALK
43	MO 115 WB	25+80.42	26+10.48	RT	18	SY	CONCRETE SIDEWALK
43	MO 115 WB	25+93.94	26+10.48	RT	15	LF	CURB
43	MO 115 WB	25+90.70	26+60.38	RT	121	SY	PAVED APPROACH
43	MO 115 EB	29+86.63	30+24.47	LT	23	SY	CONCRETE SIDEWALK
43	MO 115 EB	30+07.58	30+24.47	LT	17	LF	CURB
43	MO 115 EB	30+14.18	30+72.16	LT	120	SY	PAVED APPROACH
43	MO 115 EB	29+63.84	29+81.05	RT	11	SY	CONCRETE SIDEWALK
43	MO 115 EB	29+69.19	30+21.27	RT	110	SY	PAVED APPROACH
43-44	MO 115 EB	30+10.69	30+88.23	RT	47	SY	CONCRETE SIDEWALK
43-44	MO 115 WB	26+27.24	26+76.03	LT	43	SY	PAVED APPROACH
43-44	MO 115 WB	26+64.29	26+92.37	LT	19	SY	CONCRETE SIDEWALK
44	MO 115 WB	26+76.03	26+92.37	LT	15	LF	CURB
44	MO 115 WB	27+29.20	27+55.35	LT	31	SY	CONCRETE SIDEWALK
44	MO 115 WB	27+29.20	27+55.35	LT	40	LF	CURB
44	MO 115 WB	28+56.17	28+88.36	LT	40	SY	CONCRETE SIDEWALK
44	MO 115 WB	28+70.65	28+78.04	LT	5	LF	CURB & GUTTER
44	MO 115 WB	29+52.51	29+81.22	LT	18	SY	CONCRETE SIDEWALK
44	MO 115 WB	29+57.75	30+21.56	LT	87	SY	PAVED APPROACH
44	MO 115 WB	30+10.08	30+63.02	LT	33	SY	CONCRETE SIDEWALK
43-44	MO 115 WB	26+41.09	27+70.43	RT	42	SY	CONCRETE SIDEWALK

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION	REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

SCHEDULE OF QUANTITIES

SHEET 11 OF 21

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET	ROADWAY	STATION (FROM)	STATION (TO)	LOCATION	QUANTITY	UNIT	DESCRIPTION OF REMOVAL
43-44	MO 115 WB	26+41.09	26+96.91	RT	56	LF	CURB
44	MO 115 WB	27+61.89	28+09.29	RT	70	SY	PAVED APPROACH
44	MO 115 WB	28+00.59	28+12.89	RT	8	SY	CONCRETE SIDEWALK
43-45	MO 115 EB	30+54.52	31+94.40	LT	81	SY	CONCRETE SIDEWALK
43-45	MO 115 EB	30+54.52	31+94.40	LT	29	SY	ASPHALT PARKING LOT
45	MO 115 EB	31+75.83	32+40.69	LT	112	SY	PAVED APPROACH
45	MO 115 EB	32+23.31	32+61.30	LT	23	SY	CONCRETE SIDEWALK
45	MO 115 EB	33+32.22	33+59.38	LT	17	SY	CONCRETE SIDEWALK
45	MO 115 EB	33+32.22	33+59.38	LT	30	LF	CURB & GUTTER
45	MO 115 EB	30+77.53	31+22.94	RT	97	SY	PAVED APPROACH
45	MO 115 EB	31+16.05	31+66.92	RT	31	SY	CONCRETE SIDEWALK
45	MO 115 EB	31+41.90	32+07.97	RT	116	SY	PAVED APPROACH
45	MO 115 EB	32+00.29	32+19.35	RT	12	SY	CONCRETE SIDEWALK
45	MO 115 EB	32+87.15	33+13.72	RT	23	SY	CONCRETE SIDEWALK
45	MO 115 EB	33+07.32		RT	4	EA	TUBULAR MARKER
45	MO 115 EB	33+67.26	34+18.52	RT	43	SY	CONCRETE SIDEWALK
46	MO 115 WB	33+01.55	33+11.55	RT	10	LF	CURB
46	MO 115 WB	33+06.55	33+38.23	RT	19	SY	CONCRETE SIDEWALK
46	MO 115 WB	33+38.23	34+00.90	RT	96	SY	PAVED APPROACH
46	MO 115 WB	33+86.73	34+42.42	RT	56	SY	CONCRETE SIDEWALK
46	MO 115 WB	33+86.73	34+42.42	RT	55	LF	CURB
46	MARSHALL	5+69.71	6+04.33	RT	35	SY	PAVED APPROACH
46	MARSHALL	6+00.44	6+52.11	RT	37	SY	CONCRETE SIDEWALK
46	MARSHALL	6+00.44	6+52.11	RT	30	LF	CURB
46	MO 115 EB	38+29.26	39+09.77	LT	84	SY	CONCRETE SIDEWALK
46	MO 115 EB	38+29.26	39+09.77	LT	112	LF	CURB
47	MO 115 WB	41+19.71	42+76.17	RT	106	SY	CONCRETE SIDEWALK
47	MO 115 WB	42+62.32	43+14.89	RT	137	SY	PAVED APPROACH
47	MO 115 WB	43+04.75	44+08.56	RT	59	SY	CONCRETE SIDEWALK
47	MCKIBBON	5+77.29	6+29.84	LT	63	SY	PAVED APPROACH
47	MCKIBBON	6+16.91	6+65.59	LT	31	SY	CONCRETE SIDEWALK
47	MCKIBBON	6+29.84	6+48.59	LT	19	LF	CURB
47	MCKIBBON	6+48.59	7+02.17	LT	65	SY	PAVED APPROACH
47-48	MO 115 EB	45+95.76	49+72.81	LT	244	SY	CONCRETE SIDEWALK
48	MO 115 WB	45+30.50	45+57.28	RT	17	SY	CONCRETE SIDEWALK
48	MO 115 WB	45+82.92	46+22.94	RT	26	SY	CONCRETE SIDEWALK
48	MO 115 WB	46+48.49	47+87.35	RT	82	SY	CONCRETE SIDEWALK
48	MO 115 WB	47+67.70	48+34.54	RT	178	SY	PAVED APPROACH
48	MO 115 WB	48+15.92	49+31.68	RT	67	SY	CONCRETE SIDEWALK
49	MO 115 EB	48+08.47		LT	1	EA	BUSH
50	MO 115 EB	49+54.34	50+26.91	LT	177	SY	PAVED APPROACH
50	MO 115 EB	50+07.47	51+64.59	LT	89	SY	CONCRETE SIDEWALK
50	MO 115 EB	51+31.66	52+11.06	LT	168	SY	PAVED APPROACH
50	MO 115 EB	51+94.81	52+24.57	LT	20	SY	CONCRETE SIDEWALK
50	MO 115 EB	52+11.06	52+69.88	LT	138	SY	PAVED APPROACH
50	MO 115 EB	52+56.68	53+74.98	LT	67	SY	CONCRETE SIDEWALK
57-58	DUNN RD	15+70.38	20+37.03	RT	349.2	SQYD	CONCRETE SIDEWALK
57	DUNN RD	20+63.10	20+80.51	RT	26.0	SQYD	CONCRETE SIDEWALK
57	DUNN RD	22+73.19	22+88.92	RT	10.6	SQYD	CONCRETE SIDEWALK
64	DUNN RD	24+95.86	25+25.19	RT	25.6	SQYD	CONCRETE SIDEWALK
64-65	DUNN RD	25+93.08	29+57.67	RT	307.7	SQYD	CONCRETE SIDEWALK
65-66	DUNN RD	30+26.97	35+61.16	RT	354.3	SQYD	CONCRETE SIDEWALK
59	MO 367 W OUTER RD	13+15.56	13+23.65	RT	11.2	SQYD	CONCRETE SIDEWALK
59	MO 367 W OUTER RD	13+60.80	13+78.53	RT	20.8	SQYD	CONCRETE SIDEWALK
60	MO 367 W OUTER RD	38+42.24	38+48.02	RT	12.3	SQYD	CONCRETE SIDEWALK
60	MO 367 W OUTER RD	38+84.31	38+90.42	RT	13.9	SQYD	CONCRETE SIDEWALK
61	MO 367 W OUTER RD	63+91.13	64+03.34	LT	24.7	SQYD	CONCRETE SIDEWALK
61	MO 367 W OUTER RD	63+97.44	64+15.49	RT	19.7	SQYD	CONCRETE SIDEWALK
61	MO 367 W OUTER RD	64+76.52	64+95.36	LT	33.7	SQYD	CONCRETE SIDEWALK
61	MO 367 W OUTER RD	64+91.41	65+27.71	RT	43.7	SQYD	CONCRETE SIDEWALK
62	MO 367 W OUTER RD	103+61.89	104+56.11	RT	67.0	SQYD	CONCRETE SIDEWALK
62	MO 367 W OUTER RD	103+67.33	103+81.10	LT	19.3	SQYD	CONCRETE SIDEWALK
62	MO 367 W OUTER RD	104+77.67	105+04.06	LT	20.4	SQYD	CONCRETE SIDEWALK
62	MO 367 W OUTER RD	105+20.13	105+41.93	RT	18.0	SQYD	CONCRETE SIDEWALK
62	MO 367 W OUTER RD	105+65.69	106+47.67	RT	64.9	SQYD	CONCRETE SIDEWALK
63	MO 367 W OUTER RD	118+09.50	119+48.96	RT	97.4	SQYD	CONCRETE SIDEWALK
63	MO 367 W OUTER RD	119+86.20	121+78.53	RT	126.0	SQYD	CONCRETE SIDEWALK
63-64	MO 367 W OUTER RD	122+08.56	126+98.19	RT	327.2	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	14+93.62	16+52.54	LT	105.5	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	16+64.66	17+33.48	LT	38.7	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	17+64.90	17+83.58	LT	13.1	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	18+40.97	18+93.85	LT	33.8	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	19+51.92	20+42.43	LT	70.7	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	33+75.47	34+54.07	LT	35.5	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	34+94.94	36+15.67	LT	60.0	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	36+54.93	37+73.88	LT	65.2	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	38+07.32	40+92.38	LT	136.9	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	41+33.17	42+94.98	LT	78.3	SQYD	CONCRETE SIDEWALK
53	MO 367 E OUTER RD	43+36.75	43+42.87	LT	3.2	SQYD	CONCRETE SIDEWALK
54	MO 367 E OUTER RD	68+36.35	68+62.16	LT	12.3	SQYD	CONCRETE SIDEWALK
55	MO 367 E OUTER RD	71+90.50	72+11.31	RT	23.6	SQYD	CONCRETE SIDEWALK
55	MO 367 E OUTER RD	72+76.32	72+98.28	LT	49.4	SQYD	CONCRETE SIDEWALK
55	MO 367 E OUTER RD	72+79.42	73+01.00	RT	49.7	SQYD	CONCRETE SIDEWALK
55	MO 367 E OUTER RD	74+23.85	74+39.54	LT	9.7	SQYD	CONCRETE SIDEWALK
55	MO 367 E OUTER RD	74+74.51	75+42.17	LT	38.2	SQYD	CONCRETE SIDEWALK

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET	ROADWAY	STATION (FROM)	STATION (TO)	LOCATION	QUANTITY	UNIT	DESCRIPTION OF REMOVAL
56	MO 367 E OUTER RD	110+08.45	110+24.21	LT	13.2	SQYD	CONCRETE SIDEWALK
56	MO 367 E OUTER RD	110+45.68	110+66.37	LT	21.4	SQYD	CONCRETE SIDEWALK
56	MO 367 E OUTER RD	110+86.40	111+07.26	RT	20.0	SQYD	CONCRETE SIDEWALK
56	MO 367 E OUTER RD	111+30.77	112+79.32	LT	96.9	SQYD	CONCRETE SIDEWALK
56	MO 367 E OUTER RD	112+06.03	112+23.25	RT	19.8	SQYD	CONCRETE SIDEWALK
56	MO 367 E OUTER RD	113+10.31	113+41.55	LT	15.5	SQYD	CONCRETE SIDEWALK
52	MO 367 E OUTER RD	16+31.90	16+46.90	LT	15.0	LF	CURB
52	MO 367 E OUTER RD	16+72.25	16+87.25	LT	15.0	LF	CURB
52	MO 367 E OUTER RD	17+08.55	17+23.55	LT	15.0	LF	CURB
52	MO 367 E OUTER RD	17+67.67	17+79.03	LT	11.4	LF	CURB
52	MO 367 E OUTER RD	18+51.07	18+84.58	LT	33.5	LF	CURB
52	MO 367 E OUTER RD	19+61.19	19+77.10	LT	15.0	LF	CURB
52	MO 367 E OUTER RD	20+27.86	20+33.22	LT	5.3	LF	CURB
52	MO 367 E OUTER RD	21+55.36	21+62.63	LT	9.1	LF	CURB
55	MO 367 E OUTER RD	71+90.50	72+05.80	RT	20.9	LF	CURB
55	MO 367 E OUTER RD	71+90.52	72+02.46	RT	22.3	LF	TYPE A CURB
55	MO 367 E OUTER RD	72+07.42	72+11.78	RT	14.8	LF	CURB
55	MO 367 E OUTER RD	72+75.75	72+84.01	LT	11.7	LF	CURB
55	MO 367 E OUTER RD	72+79.71	72+82.16	RT	13.2	LF	CURB
55	MO 367 E OUTER RD	72+91.49	72+94.06	LT	2.8	LF	CURB
55	MO 367 E OUTER RD	72+83.75	72+93.31	RT	11.0	LF	CURB
56	MO 367 E OUTER RD	110+45.68	110+57.37	LT	19.2	LF	CURB
56	MO 367 E OUTER RD	110+48.07	110+62.25	LT	17.5	LF	CURB
56	MO 367 E OUTER RD	110+60.94	110+66.37	LT	18.2	LF	CURB
56	MO 367 E OUTER RD	111+47.13	111+49.47	LT	2.6	LF	CURB
56	MO 367 E OUTER RD	112+09.11	112+18.02	RT	15.0	LF	CURB
59	MO 367 W OUTER RD	13+62.40	13+69.01	RT	16.1	LF	CURB
60	MO 367 W OUTER RD	38+48.02	38+50.84	RT	6.6	LF	CURB
60	MO 367 W OUTER RD	38+81.46	38+84.31	RT	6.7	LF	CURB
61	MO 367 W OUTER RD	64+02.32	64+03.83	LR	15.8	LF	CURB
61	MO 367 W OUTER RD	64+10.31	64+15.96	RT	15.7	LF	CURB
61	MO 367 W OUTER RD	64+76.03	64+78.48	LT	15.9	LF	CURB
61	MO 367 W OUTER RD	65+01.87	65+06.53	RT	6.9	LF	CURB
62	MO 367 W OUTER RD	103+72.28	103+79.13	LT	10.9	LF	CURB
62	MO 367 W OUTER RD	103+79.02	103+80.47	LT	3.3	LF	CURB
62	MO 367 W OUTER RD	104+32.15	104+34.24	RT	2.2	LF	CURB
62	MO 367 W OUTER RD	104+44.58	104+48.08	RT	4.1	LF	CURB
62	MO 367 W OUTER RD	104+98.33	105+11.62	LT	13.8	LF	CURB
62	MO 367 W OUTER RD	105+20.13	105+26.43	RT	19.2	LF	CURB
62	MO 367 W OUTER RD	105+23.96	105+39.83	RT	16.6	LF	CURB
62	MO 367 W OUTER RD	105+26.39	105+41.93	RT	23.7	LF	CURB
62	MO 367 W OUTER RD	105+65.20	105+66.99	RT	6.5	LF	CURB
62	MO 367 W OUTER RD	105+69.90	105+72.17	RT	4.4	LF	CURB
62	MO 367 W OUTER RD	106+33.91	106+39.77	RT	6.1	LF	CURB
63	MO 367 W OUTER RD	119+18.28	119+33.28	RT	15.0	LF	CURB
63	MO 367 W OUTER RD	120+02.10	120+17.04	RT	15.0	LF	CURB
63	MO 367 W OUTER RD	121+54.32	121+69.24	RT	15.0	LF	CURB
63	MO 367 W OUTER RD	122+19.24	122+34.14	RT	15.0	LF	CURB
58	DUNN RD	15+83.48	15+99.10	RT	15.2	LF	CURB
57	DUNN RD	20+34.22	20+36.56	RT	9.7	LF	CURB
57	DUNN RD	20+37.23	20+37.39	RT	6.2	LF	CURB
57	DUNN RD	20+63.10	20+66.44	RT	8.7	LF	CURB
57	DUNN RD	20+68.99	20+74.99	RT	13.8	LF	CURB
57	DUNN RD	22+77.95	22+88.90	RT	11.4	LF	CURB
64	DUNN RD	24+95.86	25+12.24	RT	16.4	LF	CURB
64	DUNN RD	25+93.08	25+99.64	RT	16.8	LF	CURB
64	DUNN RD	26+05.79	26+19.20	RT	17.2	LF	CURB
65	DUNN RD	29+33.04	29+46.11	RT	15.1	LF	CURB
65	DUNN RD	30+25.04	30+26.52	RT	9.1	LF	CURB
66	DUNN RD	35+30.44	35+51.48	RT	21.1	LF	CURB
52	MO 367 E OUTER RD	16+59.11		LT	24.4	SQYD	DRIVEWAY
52	MO 367 E OUTER RD	17+48.34		LT	60.1	SQYD	DRIVEWAY
52	MO 367 E OUTER RD	18+12.90		LT	107.6	SQYD	DRIVEWAY
53	MO 367 E OUTER RD	34+73.01		LT	210.8	SQYD	DRIVEWAY
53	MO 367 E OUTER RD	36+34.15		LT	168.4	SQYD	DRIVEWAY
53	MO 367 E OUTER RD	41+12.64		LT	157.1	SQYD	DRIVEWAY
53	MO 367 E OUTER RD	43+16.89		LT	159.3	SQYD	DRIVEWAY
55	MO 367 E OUTER RD	74+50.66		LT	270.4	SQYD	DRIVEWAY
63	MO 367 W OUTER RD	119+67.47		RT	144.6	SQYD	DRIVEWAY
63	MO 367 W OUTER RD	121+95.94		RT	94.7	SQYD	DRIVEWAY
70	SPENCER LOOP S	10+47.63	10+54.96	LT	2.1	SQYD	CONCRETE SIDEWALK
70	SPENCER LOOP S	10+32.84	10+56.89	LT	32.6	SQYD	CONCRETE MEDIAN
71	SPENCER RD	20+96.58	21+19.43	LT	16.0	SQYD	CONCRETE SIDEWALK
71	SPENCER RD	25+61.03	25+89.83	LT	194.8	SQYD	CONCRETE SIDEWALK
72	VETERANS MEMORIAL PKWY	11+55.44	11+70.13	RT	10.3	SQYD	CURB RAMP
72-73	VETERANS MEMORIAL PKWY	12+27.33	13+92.29	RT	115.3	SQYD	CONCRETE SIDEWALK
73	VETERANS MEMORIAL PKWY	13+88.22	14+09.99	RT	27.0	SQYD	CURB RAMP
73	VETERANS MEMORIAL PKWY	14+02.60	14+09.28	RT	2.8	SQYD	CONCRETE SIDEWALK
73	TR HUGHES BLVD	22+07.48	22+22.16	LT	9.6	SQYD	ASPHALT PAVEMENT REPAIR
73	TR HUGHES BLVD	22+15.93	22+23.40	RT	3.8	SQYD	EXISTING SHOULDER
73	TR HUGHES BLVD	22+20.68	22+56.70	RT	34.2	SQYD	EXISTING SHOULDER
73	TR HUGHES BLVD	22+50.87	22+58.70	RT	3.7	SQYD	EXISTING SHOULDER
73	TR HUGHES BLVD	22+33.28	22+50.50	LT	18.0	SQYD	ISLAND CUT THROUGHS
73	TR HUGHES BLVD	22+94.08	23+09.57	LT	18.6	SQYD	ISLAND CUT THROUGHS
73	TR HUGHES BLVD	22+99.36	23+25.22	RT	28.2	SQYD	ISLAND CUT THROUGHS

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 12 OF 21

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_12_J6P3510E_I1.dgn 12:26:19 PM 9/29/2026

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

SHEET	ROADWAY	STATION (FROM)	STATION (TO)	LOCATION	QUANTITY	UNIT	DESCRIPTION OF REMOVAL
74	TR HUGHES BLVD	35+26.04	35+45.31	LT	27.0	SQYD	CONCRETE PAVEMENT REPAIR
74	TR HUGHES BLVD	35+39.42	36+08.04	LT	119.35	SQYD	ISLAND CUT THROUGHS
74	TR HUGHES BLVD	35+81.75	36+05.66	RT	17.58	SQYD	ASPHALT PAVEMENT REPAIR
74	TR HUGHES BLVD	36+06.14	36+21.59	RT	21.51	SQYD	ISLAND CUT THROUGHS
74	TR HUGHES BLVD	36+40.97	36+48.19	LT	3.19	SQYD	EXISTING SHOULDER
74	TR HUGHES BLVD	36+42.67	36+90.83	LT	39.61	SQYD	EXISTING SHOULDER
74	TR HUGHES BLVD	36+75.03	36+82.87	RT	3.15	SQYD	EXISTING SHOULDER
74	TR HUGHES BLVD	36+77.27	37+14.88	RT	33.71	SQYD	EXISTING SHOULDER
74	TR HUGHES BLVD	36+89.61	36+95.61	LT	2.63	SQYD	EXISTING SHOULDER
74	TR HUGHES BLVD	37+12.51	37+19.37	RT	3.11	SQYD	EXISTING SHOULDER
75	VETERANS MEMORIAL PKWY	12+17.00	12+27.16	RT	17.64	SQYD	CURB RAMP
75	VETERANS MEMORIAL PKWY	12+19.65	12+25.68	RT	6.11	SQYD	CONCRETE SIDEWALK
75	VETERANS MEMORIAL PKWY	12+96.99	13+27.36	RT	38.38	SQYD	CURB RAMP
75	VETERANS MEMORIAL PKWY	12+97.89	13+04.70	RT	7.61	SQYD	CONCRETE SIDEWALK
75	VETERANS MEMORIAL PKWY	13+27.37	15+48.71	RT	147.76	SQYD	CONCRETE SIDEWALK
75	VETERANS MEMORIAL PKWY	15+32.07	16+58.19	RT	233.85	SQYD	CONCRETE ENTRANCE
75	VETERANS MEMORIAL PKWY	15+49.38	15+73.59	RT	17.09	SQYD	CURB RAMP
75	VETERANS MEMORIAL PKWY	15+88.01	16+02.62	RT	8.67	SQYD	ISLAND CUT THROUGHS
75	VETERANS MEMORIAL PKWY	16+16.44	16+41.17	RT	17.47	SQYD	CURB RAMP
75	VETERANS MEMORIAL PKWY	16+40.86	16+50.21	RT	6.05	SQYD	CONCRETE SIDEWALK
76	VETERANS MEMORIAL PKWY	29+93.88	30+78.80	RT	55.96	SQYD	CONCRETE SIDEWALK
76	VETERANS MEMORIAL PKWY	30+78.80	31+12.28	RT	34.05	SQYD	CURB RAMP
76	VETERANS MEMORIAL PKWY	30+94.10	32+12.80	RT	360.49	SQYD	CONCRETE ENTRANCE
76	VETERANS MEMORIAL PKWY	31+90.21	32+10.70	RT	26.57	SQYD	CURB RAMP
76-77	VETERANS MEMORIAL PKWY	32+04.83	34+24.61	RT	155.74	SQYD	CONCRETE SIDEWALK
77	VETERANS MEMORIAL PKWY	33+83.42	35+16.59	RT	390.56	SQYD	CONCRETE ENTRANCE
77	VETERANS MEMORIAL PKWY	34+23.78	34+46.24	RT	19.37	SQYD	CURB RAMP
77	VETERANS MEMORIAL PKWY	34+74.61	34+86.15	RT	9.98	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	12+41.36	12+46.15	RT	3.42	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	12+46.15	12+82.73	RT	51.41	SQYD	CURB RAMP
78	MID RIVERS MALL DR	12+52.24	12+73.33	LT	24.15	LF	CONCRETE CURB
78	MID RIVERS MALL DR	12+56.30	12+62.58	LT	23.10	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	12+60.49	12+83.70	LT	21.79	SQYD	CURB RAMP
78	MID RIVERS MALL DR	12+77.43	12+83.70	RT	3.40	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	12+79.08	12+87.64	LT	7.56	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	13+66.67	13+73.86	LT	2.84	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	13+67.26	13+99.14	LT	33.19	SQYD	CURB RAMP
78	MID RIVERS MALL DR	13+71.84	13+78.81	RT	3.34	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	13+72.23	13+96.55	RT	43.36	SQYD	CURB RAMP
78-79	MID RIVERS MALL DR	13+93.06	17+52.02	RT	239.25	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	13+96.80	15+32.49	LT	90.85	SQYD	CONCRETE SIDEWALK
78	MID RIVERS MALL DR	15+31.74	15+49.90	LT	13.83	SQYD	CURB RAMP
78	MID RIVERS MALL DR	15+33.59	15+93.80	LT	111.21	SQYD	CONCRETE ENTRANCE
78	MID RIVERS MALL DR	15+80.37	15+99.43	LT	13.84	SQYD	CURB RAMP
78-79	MID RIVERS MALL DR	15+98.19	17+32.53	LT	85.75	SQYD	CONCRETE SIDEWALK
79	MID RIVERS MALL DR	17+30.03	17+58.38	LT	29.51	SQYD	CURB RAMP
79	MID RIVERS MALL DR	17+54.00	17+59.08	LT	2.24	SQYD	CONCRETE SIDEWALK
79	MID RIVERS MALL DR	17+54.94	17+60.10	LT	5.09	LF	CONCRETE CURB
79	MID RIVERS MALL DR	17+55.35	17+60.32	LT	4.79	LF	CONCRETE CURB
79	MID RIVERS MALL DR	17+60.10	17+68.24	LT	14.02	SQYD	ISLAND CUT THROUGHS
79	MID RIVERS MALL DR	17+68.88	17+79.84	LT	14.22	LF	CONCRETE CURB
79	MID RIVERS MALL DR	18+44.12	18+77.62	RT	54.69	SQYD	CURB RAMP
79	MID RIVERS MALL DR	18+46.67	18+57.18	LT	4.42	SQYD	CONCRETE SIDEWALK
79	MID RIVERS MALL DR	18+48.00	19+01.41	LT	57.55	SQYD	CURB RAMP
79	MID RIVERS MALL DR	18+75.29	18+86.11	RT	11.77	LF	CONCRETE CURB
79	MID RIVERS MALL DR	19+00.64	19+72.32	LT	46.41	SQYD	CONCRETE SIDEWALK
79	MID RIVERS MALL DR	21+22.23	22+10.38	LT	57.16	SQYD	CONCRETE SIDEWALK
80	MID RIVERS MALL DR	22+37.12	22+86.40	LT	34.40	SQYD	CONCRETE SIDEWALK
81	MID RIVERS MALL DR	32+65.33	33+12.53	LT	51.63	LF	CONCRETE CURB
81	MID RIVERS MALL DR	32+76.94	32+82.79	LT	25.06	SQYD	CONCRETE SIDEWALK
81-82	MID RIVERS MALL DR	33+39.98	33+48.03	LT	25.00	LF	CONCRETE CURB
83	BRYAN RD	16+28.46	16+83.56	RT	66.81	SQYD	ASPHALT SIDEWALK AND CURB
83	BRYAN RD	16+40.78	16+83.86	LT	52.44	SQYD	ASPHALT SIDEWALK AND CURB
83	BRYAN RD	16+60.98	16+84.21	RT	26.07	SQYD	CONCRETE MEDIAN
83	BRYAN RD	16+66.32	16+86.55	LT	24.04	SQYD	CONCRETE MEDIAN
83	BRYAN RD	16+75.22	16+89.37	LT & RT	21.28	SQYD	CONCRETE MEDIAN

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REV.

SCHEDULE OF QUANTITIES

SODDING

OVERALL SHEET NUMBER	FROM STATION	TO STATION	BASELINE	LOCATION	TURF TYPE TALL FESCUE SODDING (SQYD)	MISC. LANDSCAPING RESTORATION (SQYD)	REMARKS
5	14+93.64	19+46.95	MO 141	LT		17.5	
5-6	12+20.55	21+60.97	MO 141	LT	279.8		
6	22+11.25	25+56.99	MO 141	LT	117.0		
7	44+59.39	53+01.29	MO 141	LT	279.0		
7	49+70.22	49+94.68	MO 141	LT		1.4	
				SUBTOTAL	**675.8**	**18.9**	
9	14+75.39	14+85.07	WELLINGTON AVE	RT	5.3		
10-11	13+04.29	21+45.46	HAMPTON	RT	35.9		
10-12	13+38.32	19+67.31	HAMPTON	LT	176.6		
12	12+57.77	12+84.87	S VANDEVENTER AVE	LT	8.0		
12-14	236+41.92	240+30.35	I-44	RT	60.2		
15	10+44.52	10+91.06	COPELIN AVE	RT	5.1		
16	11+88.83	12+24.35	NEBRASKA AVE	LT/RT	7.6		
17	11+76.56	15+88.31	MISSISSIPPI AVE	LT	6.3		
17	15+79.53	16+04.06	MISSISSIPPI AVE	RT	2.6		
17	15+92.35	16+10.63	MISSISSIPPI AVE	RT		14.1	
				SUBTOTAL	**307.6**	**14.1**	
19	11+82.78	12+70.59	I-70 NOR	RT	24.0		
20	16+06.06	16+21.06	I-70 NOR	RT	5.0		
20	31+04.32	31+31.95	I-70 NOR	LT	8.7		
21	93+08.64	93+24.56	I-70 NOR	LT	16.5		
22	102+67.91	103+50.54	I-70 SOR	LT	32.3		
22-23	104+04.65	106+89.68	I-70 SOR	RT	108.0		
22-23	104+58.20	109+14.06	I-70 SOR	LT	147.7		
23	107+72.46	113+69.13	I-70 SOR	RT	204.7		
23	108+80.38	108+98.56	I-70 SOR	LT		9.7	
23	109+56.62	112+65.91	I-70 SOR	LT	105.7		
24	121+23.93	125+38.61	I-70 SOR	RT	137.0		
24	161+26.88	166+30.66	I-70 SOR	RT	145.0		
25	195+90.68	196+08.05	I-70 SOR	LT	7.3		
				SUBTOTAL	**941.8**	**9.7**	
35	13+13.58	13+30.15	I-70 SOR	RT	5.3		
36	15+64.53	15+97.15	I-70 SOR	RT		10.9	
36	16+13.58	17+07.64	I-70 SOR	RT		32.4	
37	32+42.69	35+55.05	I-70 SOR	RT			
37	37+43.58	37+73.43	I-70 SOR	RT	10.6		
37	38+63.45	38+79.04	I-70 SOR	RT		5.8	
37	38+97.88	39+37.43	I-70 SOR	RT		13.6	
37	39+91.64	40+07.26	I-70 SOR	RT		5.1	
37-38	40+49.48	41+15.32	I-70 SOR	RT		22.0	
38	41+29.88	41+53.98	I-70 SOR	RT		9.3	
38	43+46.17	44+03.59	I-70 SOR	RT	19.7		
38	46+83.73	47+55.88	I-70 SOR	RT	25.0		
38	47+86.57	48+30.57	I-70 SOR	RT	14.0		
38	48+45.37	48+93.99	I-70 SOR	RT	16.1		
38	49+28.93	50+17.08	I-70 SOR	RT	28.7		
38	50+45.56	50+75.51	I-70 SOR	RT	8.0		
38-39	51+45.65	51+73.46	I-70 SOR	RT	7.6		
39	52+11.71	52+41.06	I-70 SOR	RT	8.7		
39	53+38.34	53+58.34	I-70 SOR	RT	6.7		
39	53+69.97	53+93.78	I-70 SOR	RT	7.1		
39	54+25.22	54+40.10	I-70 SOR	RT	6.9		
39	54+98.76	55+20.98	I-70 SOR	RT	6.6		
39	55+41.13	55+65.22	I-70 SOR	RT	6.5		
39	55+95.74	56+22.79	I-70 SOR	RT	8.1		
39	58+23.01	58+50.62	I-70 SOR	RT	8.2		
39	58+84.56	59+12.24	I-70 SOR	RT	8.3		
40	61+69.03	61+81.01	I-70 SOR	RT	3.2		
40	62+01.04	62+20.43	I-70 SOR	RT	6.1		
40	63+86.09	64+10.98	I-70 SOR	RT	8.0		
40	64+27.21	64+52.09	I-70 SOR	RT	7.3		
40	65+26.15	66+39.29	I-70 SOR	RT	37.7		
40	67+56.31	67+80.68	I-70 SOR	RT	7.2		
40	68+13.03	68+37.33	I-70 SOR	RT	7.6		
40	68+92.04	69+13.81	I-70 SOR	RT	10.2		
40-41	69+39.53	70+39.81	I-70 SOR	RT	33.2		
41	70+78.31	19+45.03	I-70 SOR/MO 115 EB	RT	36.0		
41-42	19+81.08	20+93.02	MO 115 EB	RT	87.6		
42	21+29.75	21+65.49	MO 115 EB	RT	11.3		
42	21+95.90	22+37.18	MO 115 EB	RT	13.2		
42	22+66.41	23+45.14	MO 115 EB	RT	24.6		
42	23+75.33	24+61.36	MO 115 EB	RT	27.9		
43	29+63.85	29+81.02	MO 115 EB	RT	5.5		
43	29+86.63	30+24.50	MO 115 EB	LT	12.6		
43-45	30+10.71	30+88.42	MO 115 EB	RT	25.7		
43-45	30+54.74	31+94.28	MO 115 EB	LT	46.2		
45	31+16.71	31+66.92	MO 115 EB	RT	16.0		
45	32+00.04	32+19.31	MO 115 EB	RT	5.9		
45	32+23.39	32+61.30	MO 115 EB	LT	12.7		
45	32+87.11	33+13.28	MO 115 EB	RT	9.9		
45	33+32.22	33+58.52	MO 115 EB	LT	7.9		
45	33+67.09	33+75.95	MO 115 EB	RT	2.9		
46	38+29.53	39+09.27	MO 115 EB	LT	38.8		
49-50	46+56.87	49+72.82	MO 115 EB	LT	174.3		
50	50+07.51	51+64.42	MO 115 EB	LT	51.9		

SODDING(CONTINUED)

OVERALL SHEET NUMBER	FROM STATION	TO STATION	BASELINE	LOCATION	TURF TYPE TALL FESCUE SODDING (SQYD)	MISC. LANDSCAPING RESTORATION (SQYD)	REMARKS
50	51+94.80	52+24.58	MO 115 EB	LT	9.7		
50	52+56.71	53+74.86	MO 115 EB	LT	38.7		
43	23+66.62	23+93.44	MO 115 WB	LT	8.3		
43	24+27.72	25+06.31	MO 115 WB	LT	24.1		
43	25+42.84	25+80.59	MO 115 WB	LT	11.1		
43	25+80.42	26+10.45	MO 115 WB	RT	9.7		
43	26+14.43	26+36.42	MO 115 WB	LT	7.4		
43-44	26+41.09	27+54.19	MO 115 WB	RT	45.2		
43-44	26+64.58	26+92.37	MO 115 WB	LT	8.4		
44	27+27.71	27+70.68	MO 115 WB	LT	13.6		
44	28+00.58	28+12.94	MO 115 WB	RT	3.3		
44	28+56.17	28+88.42	MO 115 WB	LT	20.4		
46	33+06.55	33+51.55	MO 115 WB	RT	16.2		
46	33+86.73	34+28.04	MO 115 WB	RT	15.3		
47	41+23.74	42+76.17	MO 115 WB	RT	70.9		
48	45+30.53	45+56.82	MO 115 WB	RT	9.1		
48	45+82.98	46+22.98	MO 115 WB	RT	13.5		
48	46+48.49	47+87.35	MO 115 WB	RT	46.8		
48	48+16.36	49+31.68	MO 115 WB	RT	37.7		
46	06+01.17	06+52.13	MARSHALL	LT	28.5		
47	06+19.91	06+64.99	MCKIBBON	LT	26.7		
47-49	06+90.67	08+26.03	MCKIBBON	LT	79.9		
				SUBTOTAL	**1477.6**	**99.1**	
52	16+64.58	17+33.35	MO 367 EOR	LT	21.6		
52	17+64.4	17+84.01	MO 367 EOR	LT		6.5	
52	18+41.05	18+94.06	MO 367 EOR	LT	16.9		
52	19+51.99	20+55.8	MO 367 EOR	LT	33.7		
52	21+55.36	21+66.32	MO 367 EOR	LT	1.2		
53	33+76.06	34+54.58	MO 367 EOR	LT	26.6		
53	34+94.49	36+16.16	MO 367 EOR	LT	40.5		
53	36+54.46	37+45.33	MO 367 EOR	LT	46.8		
53	38+06.96	40+92.53	MO 367 EOR	LT	101.7		
53	41+32.51	42+95.87	MO 367 EOR	LT	53.8		
53	43+37.88	43+46.77	MO 367 EOR	LT	2.6		
55	72+75.75	73+01.92	MO 367 EOR	LT	22.9		
55	74+23.8	74+39.81	MO 367 EOR	LT	5.2		
55	74+74.2	75+42.17	MO 367 EOR	LT	22.6		
56	110+08.19	110+23.96	MO 367 EOR	LT	4.9		
56	111+30.45	112+79.75	MO 367 EOR	LT	53.3		
56	113+10.64	113+41.52	MO 367 EOR	LT	9.2		
57	20+66.75	20+79.15	DUNN RD	LT	14.8		
57-58	15+70.99	20+35.72	DUNN RD	LT	175.6		
59	13+15.96	13+21.66	MO 367 WOR	RT	8.3		
59	13+61.87	13+80.16	MO 367 WOR	RT	9.6		
60	38+42.17	38+50.84	MO 367 WOR	RT	8.5		
60	38+81.46	38+90.07	MO 367 WOR	RT	8.5		
61	64+00.64	64+15.96	MO 367 WOR	RT	8.2		
61	64+92.42	65+27.71	MO 367 WOR	RT	25.1		
62	103+61.26	104+54.84	MO 367 WOR	RT	35.7		
62	105+67.46	106+44.46	MO 367 WOR	RT	35.0		
63	118+09.5	119+47.88	MO 367 WOR	RT	49.9		
63	119+87.25	121+78.48	MO 367 WOR	RT	60.9		
63-64	122+09.42	127+27.74	MO 367 WOR	RT	174.9		
64-65	26+19.24	29+59.37	DUNN RD	RT	132.3		
65-66	30+25.04	35+61.55	DUNN RD	RT	181.0		
				SUBTOTAL	**1391.5**	**6.5**	
70	10+43.67	10+56.42	SPENCER LOOP S	LT	4.6		
70	10+47.63	10+54.83	SPENCER LOOP S	LT	2.0		
71	20+96.90	21+19.27	SPENCER RD	LT	2.6		
71	25+60.89	25+89.95	SPENCER RD	LT	3.3		
72	11+56.23	11+70.40	VETERANS MEMORIAL PKWY	RT	2.0		
72-73	12+29.71	14+05.83	VETERANS MEMORIAL PKWY	RT	42.0		
73	22+15.85	22+52.06	TR HUGHES	RT	5.7		
74	36+46.03	36+95.85	TR HUGHES	LT	7.9		
74	36+79.60	37+19.94	TR HUGHES	RT	6.4		
75	12+17.95	12+27.23	VETERANS MEMORIAL PKWY	RT	7.8		
75	12+97.23	13+32.40	VETERANS MEMORIAL PKWY	RT	77.3		
76	29+93.88	31+16.05	VETERANS MEMORIAL PKWY	RT	24.0		
76-77	31+88.21	34+46.52	VETERANS MEMORIAL PKWY	RT	123.9		
77	34+70.89	35+02.05	VETERANS MEMORIAL PKWY	RT	15.7		
78	12+41.05	12+79.69	MID RIVERS MALL DR	RT	6.2		
78	12+55.78	12+87.62	MID RIVERS MALL DR	LT	9.5		
78-79	13+77.92	17+52.02	MID RIVERS MALL DR	RT	96.3		
78	13+64.99	15+49.43	MID RIVERS MALL DR	LT	74.3		
78	15+82.52	16+05.10	MID RIVERS MALL DR	LT		4.1	
78-79	15+80.76	17+60.87	MID RIVERS MALL DR	LT	52.5		
79	18+53.77	18+79.35	MID RIVERS MALL DR	RT		8.6	
79	18+54.33	19+72.32	MID RIVERS MALL DR	LT	17.0		
79	21+22.02	22+09.86	MID RIVERS MALL DR	LT	18.8		
80	22+37.12	22+85.98	MID RIVERS MALL DR	LT	6.0		
83	16+28.35	16+77.22	BRYAN RD	RT	20.1		
83	16+40.10	16+77.54	BRYAN RD	LT	15.0		
				SUBTOTAL	**640.8**	**12.7**	
				TOTAL	**5,436**	**162**	

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

STATE OF MISSOURI ★ PROFESSIONAL ENGINEER ★
EMMA C. WOODS
NUMBER PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 14 OF 21

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_14_J6P3510E_I1.dgn 12:26:27 PM 9/29/2026

SIDEWALK													
PLAN SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SUGGESTED ADA RAMP TYPE	TRUNCATED DOMES (SF)	SIDEWALK EDGE GRINDING (LF)	CONCRETE CURB RAMP (EA)	CONCRETE SIDEWALK, 4 IN. (SQYD)	ASPHALT SIDEWALK, 5.75 IN. (SQYD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	TACK COAT (GAL)	REMARKS
5	12+21.26		VALLEY SCHOOL DR	LT	C5	10		1					
5	12+40.46	12+77.11	VALLEY SCHOOL DR	LT					26.8		26.8		
5	12+84.66		VALLEY SCHOOL DR	LT	C5			1					
5	13+23.66		VALLEY SCHOOL DR	LT	C5			1					
5	13+27.88	16+99.70	VALLEY SCHOOL DR	LT					348.3		348.3		
5	17+03.95		VALLEY SCHOOL DR	LT	C5			1					
5	17+66.54		VALLEY SCHOOL DR	LT	C5			1					
5-6	17+85.64	21+44.40	VALLEY SCHOOL DR	LT					275.3		275.3		
6	21+60.97		VALLEY SCHOOL DR	LT	C3	18		1					
6	22+11.28		VALLEY SCHOOL DR	LT	C2	10		2					
6	22+33.01	25+36.95	VALLEY SCHOOL DR	LT					164.8		164.8		
6	25+56.99		VALLEY SCHOOL DR	LT	C6			1					
7	44+59.43		VALLEY SCHOOL DR	LT	C6	10		1					
7	44+76.93	53+01.24	VALLEY SCHOOL DR	LT					455.7		455.7		
				SUBTOTAL		**48**		**10**	**1270.9**		**1270.9**		
9	14+75.46		WELLINGTON AVE	RT	C5			1					
10	13+04.29	13+49.40	HAMPTON AVE	RT					34.7		34.7		
10	13+38.33	14+16.67	HAMPTON AVE	LT					56.8		56.8		
10	13+59.39		HAMPTON AVE	RT	C1	12		1					
10	14+02.02	15+13.65	HAMPTON AVE	RT	C5	12		1	58.3				INLUDES THE ISLAND AS WELL
10	14+97.28	15+16.40	HAMPTON AVE	LT					15.0		15.0		
10	16+31.14	16+36.95	HAMPTON AVE	RT					3.3		3.3		
10	16+42.26		HAMPTON AVE	RT			6						
11	17+80.54	17+98.42	HAMPTON AVE	LT					12.0		12.0		
11	18+53.62		HAMPTON AVE	LT	C1	10		1					
11	18+65.10	19+66.76	HAMPTON AVE	LT					59.7		59.7		
12	12+72.73		SOUTH VANDEVENTER	LT	C1	11		2					
12	12+18.66	13+11.57	DE TONTY ST	RT					51.7		51.7		
14	13+78.35	14+79.28	DE TONTY ST	RT					45.1		45.1		
14	15+21.94	15+98.53	DE TONTY ST	RT					34.0		34.0		
15	10+44.49	10+67.16	COPELIN AVE	RT					1.9		1.9		
15	10+69.82		COPELIN AVE	RT	C5	11		2					
16	11+88.83	12+24.34	NEBRASKA AVE	RT					21.8		21.8		
16	11+90.57	12+22.72	NEBRASKA AVE	LT					23.2		23.2		
17	15+69.60		MISSISSIPPI AVE	LT	C5	10		1					
17	15+80.65	15+87.77	MISSISSIPPI AVE	RT					9.5		9.5		
17	15+82.27		MISSISSIPPI AVE	RT	C5	10		2					
				SUBTOTAL		**76.0**	**6**	**11**	**427.0**		**368.7**		
19	11+70.76	11+85.11	W TERRA LN	RT					10.5		10.5		
19	12+65.23	12+77.35	W TERRA LN	RT					9.8		9.8		
20	16+06.06		W TERRA LN	RT	C5			1					
20	31+04.32		W TERRA LN	LT	C6	17		1					
21	93+07.01		W TERRA LN	RT		12							
21	93+08.46	93+14.72	W TERRA LN	LT					3.8		3.8		
21	93+14.52		W TERRA LN	LT	C5	10		1					
21	93+23.99		W TERRA LN	LT	C4	10		1					
22	102+68.82	103+50.54	VETERANS MEMORIAL PKWY	LT					84.7		84.7		
22-23	104+04.65	106+89.68	VETERANS MEMORIAL PKWY	RT						222.0	222.0	28.9	
22	104+55.04	104+67.49	VETERANS MEMORIAL PKWY	LT					30.7		30.7		
22-23	104+93.48	108+94.79	VETERANS MEMORIAL PKWY	LT						319.3	319.3	41.5	
23	107+72.46	113+50.28	VETERANS MEMORIAL PKWY	RT						428.1	428.1	55.7	
23	109+13.90		VETERANS MEMORIAL PKWY	LT	C1	10		1					
23	109+58.75		VETERANS MEMORIAL PKWY	LT	C2	11		2					
23	109+78.32	112+37.52	VETERANS MEMORIAL PKWY	LT						185.9	185.9	24.2	
23	112+61.57		VETERANS MEMORIAL PKWY	LT	C2	14		2					
23	113+69.13		VETERANS MEMORIAL PKWY	RT	C5	13		1					
24	121+23.93	125+38.65	VETERANS MEMORIAL PKWY	RT					319.4		319.4		
24	161+10.80	161+36.24	VETERANS MEMORIAL PKWY	RT	C6	22		1					
24	161+26.88	167+19.82	VETERANS MEMORIAL PKWY	RT						464.2	464.2	60.3	
25	195+99.36		VETERANS MEMORIAL PKWY	LT	C1			1					
				SUBTOTAL		**130**		**12**	**458.9**	**1619.5**	**2078.5**	**210.5**	
35	13+13.58	13+30.15	I-70 SOR	RT	C5	10		1					
36	15+64.53	15+72.80	I-70 SOR	RT					6.7		7		
36	15+72.80	15+97.15	I-70 SOR	RT	C1	11		1					
36	16+07.86	16+20.05	I-70 SOR	RT									
36	16+13.58	16+38.02	I-70 SOR	RT							0		
36	16+38.02	16+90.18	I-70 SOR	RT									
36	16+90.18	17+07.64	I-70 SOR	RT	C5			1					0
37	32+42.69	32+60.57	I-70 SOR	RT									DECORATIVE CONCRETE
37	32+60.57	35+55.05	I-70 SOR	RT							166		DECORATIVE CONCRETE
37	37+43.58	37+73.43	I-70 SOR	RT					17.7		18		DECORATIVE CONCRETE
37	38+63.45	38+79.04	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
37	38+97.88	39+13.44	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
37	39+13.44	39+37.43	I-70 SOR	RT					13.3		13		DECORATIVE CONCRETE
37	39+91.64	40+07.26	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
37	40+49.48	40+64.48	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
37-38	40+64.48	41+15.32	I-70 SOR	RT					28.2		28		DECORATIVE CONCRETE
38	41+29.88	41+53.98	I-70 SOR	RT	C1			1					DECORATIVE CONCRETE
38	41+86.33	42+04.24	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
38	41+89.33	43+46.20	I-70 SOR	RT						35.0	35	4	INCLUDES ASPHALT SLOPE REPAIR AS NECESSARY
38	42+04.24	44+03.59	I-70 SOR	RT					134.5		46		DECORATIVE CONCRETE
38	46+83.73	47+32.85	I-70 SOR	RT					40.4	10.9	51	1	DECORATIVE CONCRETE INCLUDES ASPHALT REPAIR AS NECESSARY
38	47+32.85	47+55.88	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_15_J6P3510E_I1.dgn 12:46:11 PM 9/29/2026

SIDEWALK (CONTINUED)

PLAN SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SUGGESTED ADA RAMP TYPE	TRUNCATED DOMES (SF)	SIDEWALK EDGE GRINDING (LF)	CONCRETE CURB RAMP (EA)	CONCRETE SIDEWALK, 4 IN. (SQYD)	ASPHALT SIDEWALK, 5.75 IN. (SQYD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	TACK COAT (GAL)	REMARKS
38	47+86.57	47+97.87	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
38	48+14.99	48+30.57	I-70 SOR	RT					10		9.7		DECORATIVE CONCRETE
38	48+45.37	48+93.99	I-70 SOR	RT					32		32.2		DECORATIVE CONCRETE
38	49+28.93	49+97.02	I-70 SOR	RT					45		45.2		DECORATIVE CONCRETE
38	49+97.02	50+17.08	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
38	50+45.56	50+59.18	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
38	50+59.18	50+75.51	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
38-39	51+45.65	51+73.46	I-70 SOR	RT	C6			1					DECORATIVE CONCRETE
39	52+11.71	52+41.06	I-70 SOR	RT	C6			1					DECORATIVE CONCRETE
39	53+38.34	53+58.34	I-70 SOR	RT					13		13.3		DECORATIVE CONCRETE
39	53+69.97	53+93.78	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
39	54+25.22	54+40.10	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
39	54+98.76	55+20.98	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
39	55+41.13	55+65.22	I-70 SOR	RT	C5			2					DECORATIVE CONCRETE
39	55+95.74	56+22.79	I-70 SOR	RT	C6			1					DECORATIVE CONCRETE
39	58+23.01	58+50.62	I-70 SOR	RT	C6			1					DECORATIVE CONCRETE
39	58+84.56	59+12.24	I-70 SOR	RT	C6			1					DECORATIVE CONCRETE
40	61+69.03	61+81.01	I-70 SOR	RT	C5	16		1					DECORATIVE CONCRETE
40	62+01.04	62+20.43	I-70 SOR	RT	C5	16		1					DECORATIVE CONCRETE
40	63+86.09	64+10.98	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
40	64+27.21	64+52.09	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
40	65+26.15	66+39.29	I-70 SOR	RT					78.2		78.2		DECORATIVE CONCRETE
40	67+56.31	67+80.68	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
40	68+13.03	68+37.33	I-70 SOR	RT	C5			1					DECORATIVE CONCRETE
40	68+92.04	69+00.04	I-70 SOR	RT					4.5		4.5		DECORATIVE CONCRETE
40	69+00.04	69+13.81	I-70 SOR	RT	C1	10		1					DECORATIVE CONCRETE
40	69+39.53	69+55.26	I-70 SOR	RT	C5	10		1					DECORATIVE CONCRETE
40-41	69+40.41	70+39.88	I-70 SOR	RT						21.5	21.5	2	INCLUDES ASPHALT SLOPE REPAIR AS NECESSARY
40-41	69+55.26	70+39.81	I-70 SOR	RT					46.7		46.7		
41	70+77.88	71+11.49	I-70 SOR	RT						11.5	11.5		INCLUDES ASPHALT SLOPE REPAIR AS NECESSARY
41	70+77.88	71+18.91	I-70 SOR	RT					35.1		35.1		
41	71+18.91	71+49.70	I-70 SOR	RT					31.9		31.9		
41	71+49.70	71+64.36	I-70 SOR	RT	C5			2					TO DRAINAGE FLUME
41	18+38.35	19+24.62	MO 115 EB	RT					49.7		49.7		
41	19+24.62	19+45.03	MO 115 EB	RT	C5			1					
41	19+81.08	19+98.57	MO 115 EB	RT	C5			1					
41-42	19+98.57	20+74.81	MO 115 EB	RT					41.8		41.8		
42	20+74.81	20+93.02	MO 115 EB	RT	C5			1					
42	21+29.75	21+46.76	MO 115 EB	RT	C5			1					
42	21+46.76	21+49.08	MO 115 EB	RT					1.3		1.3		
42	21+49.08	21+65.49	MO 115 EB	RT	C5	10		1					
42	21+95.90	22+12.47	MO 115 EB	RT	C5	10		1					
42	22+12.47	22+19.08	MO 115 EB	RT					3.7		3.7		
42	22+19.08	22+37.18	MO 115 EB	RT	C5			1					
42	22+66.41	22+86.17	MO 115 EB	RT	C5			1					
42	22+86.17	23+26.71	MO 115 EB	RT					22.2		10.0		
42	23+26.71	23+45.14	MO 115 EB	RT	C5			1					
42	23+75.33	23+91.39	MO 115 EB	RT	C5			1					
42	23+91.39	24+43.73	MO 115 EB	RT					28.7		28.7		
42	24+43.73	24+61.36	MO 115 EB	RT	C5	10		1					
43	29+63.85	29+68.85	MO 115 EB	RT					2.5		2.5		
43	29+68.85	29+81.02	MO 115 EB	RT	C5			1					
43	29+86.63	30+07.58	MO 115 EB	LT					11.6		11.6		
43	30+10.71	30+26.19	MO 115 EB	RT	C5			1					
43	30+07.58	30+24.50	MO 115 EB	LT	C5			1					
43	30+26.19	30+72.92	MO 115 EB	RT					25.9		25.9		
43	30+54.74	30+70.28	MO 115 EB	LT	C5			1					
43-45	30+55.05	31+94.40	MO 115 EB	LT					29.2		29.2		SLOPED CONCRETE REPAIR
43-45	30+70.28	31+77.66	MO 115 EB	LT					59.6		59.6		
43-45	30+72.92	30+88.42	MO 115 EB	RT	C5			1					
45	31+16.71	31+33.95	MO 115 EB	RT	C5			1					
45	13+33.95	31+49.27	MO 115 EB	RT					8.8		8.8		
45	31+49.27	31+66.92	MO 115 EB	RT	C5			1					
45	31+77.66	31+94.28	MO 115 EB	LT	C5			1					
45	32+00.04	32+19.31	MO 115 EB	RT	C5			1					
45	32+23.39	32+39.63	MO 115 EB	LT	C5			1					
45	32+39.63	32+61.30	MO 115 EB	LT					12.6		12.6		
45	32+87.11	33+13.28	MO 115 EB	RT	C2	12		1					
45	33+32.22	33+58.52	MO 115 EB	LT	C1	13		1					
45	33+67.09	33+75.95	MO 115 EB	RT	C5	10		1					
46	38+29.53	38+55.21	MO 115 EB	LT				1					
46	38+55.21	38+75.68	MO 115 EB	LT					13.4		13.4		
46	38+75.68	39+09.27	MO 115 EB	LT				1	0.0				
49-50	46+03.57	49+57.56	MO 115 EB	LT					224.6		224.6		
50	49+57.51	49+72.82	MO 115 EB	LT	C5			1					
50	50+07.51	50+23.14	MO 115 EB	LT				1					
50	50+23.14	51+48.79	MO 115 EB	LT					69.6		69.6		
50	51+48.79	51+64.42	MO 115 EB	LT	C5			1					
50	51+94.80	52+24.58	MO 115 EB	LT				2					
50	52+56.71	52+76.44	MO 115 EB	LT	C6			1					
50	52+76.44	53+59.36	MO 115 EB	LT					46.1		46.1		
50	53+59.36	53+74.86	MO 115 EB	LT	C5			1					
43	23+66.62	23+93.44	MO 115 WB	LT				1					
43	24+27.72	24+55.29	MO 115 WB	LT	C6			1					
43	24+55.29	24+85.31	MO 115 WB	LT					20.0		20.0		
43	24+85.31	25+06.31	MO 115 WB	LT	C5			1					

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

SHEET 16 OF 21

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_16_J6P3510E_I1.dgn 12:46:16 PM 9/29/2026

SIDEWALK (CONTINUED)

PLAN SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SUGGESTED ADA RAMP TYPE	TRUNCATED DOMES (SF)	SIDEWALK EDGE GRINDING (LF)	CONCRETE CURB RAMP (EA)	CONCRETE SIDEWALK, 4 IN. (SQYD)	ASPHALT SIDEWALK, 5.75 IN. (SQYD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	TACK COAT (GAL)	REMARKS
43	25+42.84	25+59.27	MO 115 WB	LT	C5		0	1					
43	25+59.27	25+80.59	MO 115 WB	LT	C6			1					
43	25+80.42	25+93.94	MO 115 WB	RT					7.5		7.5		
43	25+93.94	26+10.45	MO 115 WB	RT	C5			1					
43	26+14.43	26+36.42	MO 115 WB	LT	C6			2					
43	26+41.09	26+57.27	MO 115 WB	RT	C5			1					
43-44	26+57.27	27+54.19	MO 115 WB	RT					59.0		59.0		
43-44	26+64.58	26+92.37	MO 115 WB	LT	C6			1					
44	27+27.71	27+55.35	MO 115 WB	LT	C2	12		1					
44	27+55.35	27+70.68	MO 115 WB	RT	C5			1					
44	28+00.58	28+12.94	MO 115 WB	RT	C5			1					
44	28+56.17	28+88.42	MO 115 WB	LT	C4	10		1					
44	29+52.51	29+64.72	MO 115 WB	LT					6.4		6.4		
44	29+64.72	29+81.22	MO 115 WB	LT	C5			1					
44	30+10.21	30+28.97	MO 115 WB	LT	C5			1					
44	30+28.97	30+50.18	MO 115 WB	LT					11.5		11.5		
44	30+50.18	30+63.02	MO 115 WB	LT	C5			1					
46	33+06.55	33+32.73	MO 115 WB	RT					17.5		17.5		
46	33+32.73	33+51.55	MO 115 WB	RT	C5			1					
46	33+86.73	34+02.31	MO 115 WB	RT	C5			1					
46	34+02.31	34+30.71	MO 115 WB	RT	C4	10		1					
47	41+24.82	42+60.67	MO 115 WB	RT					83.8		83.8		
47	42+60.67	42+76.17	MO 115 WB	RT	C5			1					
47	43+05.25	43+20.25	MO 115 WB	RT	C5			1					
47	43+20.25	44+08.56	MO 115 WB	RT					49.1		49.1		
48	45+30.53	45+42.02	MO 115 WB	RT					6.5		6.5		
48	45+42.02	45+56.82	MO 115 WB	RT	C5			1					
48	45+82.98	45+98.26	MO 115 WB	RT	C5			1					
48	45+98.26	46+07.42	MO 115 WB	RT					5.2		5.2		
48	46+07.42	46+22.98	MO 115 WB	RT	C5			1					
48	46+48.49	46+63.90	MO 115 WB	RT	C5			1					
48	46+63.90	47+72.05	MO 115 WB	RT					60.9		60.9		
48	47+72.03	47+87.35	MO 115 WB	RT	C5			1					
48	48+16.36	48+36.63	MO 115 WB	RT	C6			1					
48	48+36.63	49+16.21	MO 115 WB	RT	C1				44.2		44.2		
48	49+16.21	49+31.68	MO 115 WB	RT	C5			1					
46	05+35.69	05+55.01	MARSHALL	RT					11.6		11.6		
46	05+55.01	05+72.20	MARSHALL	RT	C5			1					
46	06+00.92	06+19.38	MARSHALL	RT	C5			1					
46	06+19.38	06+35.20	MARSHALL	RT					10.5		10.5		
46	06+35.20	06+51.69	MARSHALL	RT	C5			1					
46	06+81.05	06+98.79	MARSHALL	RT	C5			1	0.0				
46	06+98.79	07+14.90	MARSHALL	RT					9.5		9.5		
47	05+67.37	05+87.26	MCKIBBON	LT	C5			1					
47	06+16.40	06+33.47	MCKIBBON	LT	C5			1					
47	06+33.47	06+47.16	MCKIBBON	LT					7.6		7.6		
47	06+47.16	06+64.99	MCKIBBON	LT	C5			1					MCKIBBON
47-49	06+90.67	07+06.81	MCKIBBON	LT	C5			1					MCKIBBON
				SUBTOTAL		**206**		**106**	**1805.3**	**78.9**	**1783.7**	**7.9**	
52	14+93.62	16+31.98	MO 367 EOR	LT					92.2		92.2		
52	16+31.98	16+53.04	MO 367 EOR	LT				1					
52	16+64.58	16+87.19	MO 367 EOR	LT				1					
52	16+87.19	17+08.49	MO 367 EOR	LT					14.2		14.2		
52	17+08.19	17+33.35	MO 367 EOR	LT				1					
52	17+64.4	17+73.28	MO 367 EOR	LT	C6			1					
52	17+73.28	17+84.01	MO 367 EOR	LT	C6			1					
52	18+41.05	18+65.97	MO 367 EOR	LT				1					
52	18+65.97	18+69.49	MO 367 EOR	LT	C6				2.3		2.3		
52	18+69.49	18+94.06	MO 367 EOR	LT	C5			1					
52	19+51.99	19+77.1	MO 367 EOR	LT	C5			1					
52	19+77.1	20+27.86	MO 367 EOR	LT	C6				33.8		33.8		
52	20+27.86	20+55.8	MO 367 EOR	LT		20		2					
52	21+55.36	21+66.32	MO 367 EOR	LT	C6	16		1					
53	33+76.06	34+39.12	MO 367 EOR	LT	C6				35.0		35.0		
53	34+39.12	34+54.58	MO 367 EOR	LT				1					
53	34+94.49	35+10.32	MO 367 EOR	LT	C1			1					
53	35+10.32	35+99.81	MO 367 EOR	LT	C5				49.9		49.9		
53	35+99.54	36+16.16	MO 367 EOR	LT				1					
53	36+54.46	36+72.15	MO 367 EOR	LT	C5			1					
53	36+71.89	37+45.33	MO 367 EOR	LT	C5				40.7		40.7		
53	37+44.8	37+74.85	MO 367 EOR	LT	-	12		1					
53	37+60.46	37+65.52	MO 367 EOR	LT	C5				2.5		2.5		
53	36+06.96	38+34.67	MO 367 EOR	LT	C5	13		1					
53	38+14.94	38+19.92	MO 367 EOR	LT					2.5		2.5		
53	38+34.67	40+74.6	MO 367 EOR	LT	C4				133.5		133.5		
53	38+66.15	40+85.66	MO 367 EOR	LT						30.1	30.1	3.0	INCLUDES ASPHALT SLOPE REPAIR AS NECESSARY
53	40+74.6	40+92.53	MO 367 EOR	LT	C4			1					
53	41+32.51	41+50.15	MO 367 EOR	LT				1					
53	41+39.8	42+96.29	MO 367 EOR	LT						44.7	44.7	4.5	INCLUDES ASPHALT SLOPE REPAIR AS NECESSARY
53	41+50.15	42+77.46	MO 367 EOR	LT					71.1		71.1		

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_17_J6P3510E_I1.dgn 12:46:20 PM 9/29/2026

SIDEWALK (CONTINUED)

PLAN SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SUGGESTED ADA RAMP TYPE	TRUNCATED DOMES (SF)	SIDEWALK EDGE GRINDING (LF)	CONCRETE CURB RAMP (EA)	CONCRETE SIDEWALK, 4 IN. (SQYD)	ASPHALT SIDEWALK, 5.75 IN. (SQYD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	TACK COAT (GAL)	REMARKS
53	42+77.44	42+95.69	MO 367 EOR	LT	C5			1					
53	43+37.24	43+45.61	MO 367 EOR	LT	C5			1					
55	71+90.52	72+11.78	MO 367 EOR	RT	C2	10		1					
55	72+75.75	72+91.49	MO 367 EOR	LT	C1	22		1					
55	72+79.18	72+94.04	MO 367 EOR	RT	C7	22		2					
55	72+82.19	73+01.92	MO 367 EOR	LT					22.1		22.1		
55	72+83.11	72+98.28	MO 367 EOR	LT					95.2		95.2		SLOPE CONCRETE AS NEEDED
55	72+86.4	73+08.17	MO 367 EOR	RT					25.1		25.1		DECORATIVE CONCRETE
55	74+23.8	74+39.81	MO 367 EOR	LT	C5			1					
55	74+74.2	74+90.16	MO 367 EOR	LT	C5			1					
55	74+89.65	75+42.17	MO 367 EOR	LT					29.0		29.0		
56	110+08.19	110+23.96	MO 367 EOR	LT	C5	10		1					
56	110+81.33	111+02.13	MO 367 EOR	RT					3.6		3.6		DECORATIVE CONCRETE
56	110+82.26	110+07.66	MO 367 EOR	RT	C6	23		1					
56	111+30.45	111+68.2	MO 367 EOR	LT	C4	21		2					
56	111+66.48	112+63.05	MO 367 EOR	LT					51.8		51.8		
56	112+07.38	112+50.83	MO 367 EOR	RT					27.0		27.0		DECORATIVE CONCRETE
56	112+06.07	112+23.65	MO 367 EOR	RT	C6	24		1					
56	112+63.24	112+79.83	MO 367 EOR	LT	C5	10		1					
56	113+10.64	113+28.9	MO 367 EOR	LT	C5	10		1					
56	113+28.9	113+41.52	MO 367 EOR	LT					7.0		7.0		
57	135+31.03	135+43.89	MO 367 EOR	RT	C1	13		1					
57	20+77.82	20+74.99	DUNN RD	LT	C1	15		1					
57	20+37.39	20+29.83	DUNN RD	LT	C1	10		1					
57-58	20+33.88	15+99.08	DUNN RD	LT					319.3		319.3		
58	15+98.81	15+69.32	DUNN RD	LT	C6	25		1					
59	13+14.68	13+20.38	MO 367 WOR	RT					2.4		2.4		
59	13+16.72	13+24.42	MO 367 WOR	RT	C7	20		2					
59	13+61.87	13+69.47	MO 367 WOR	RT					3.1		3.1		
59	13+63.46	13+80.16	MO 367 WOR	RT	C3	15		1					
60	38+42.17	38+50.84	MO 367 WOR	RT	C3	11		1					
60	38+42.67	38+47.72	MO 367 WOR	RT					2.5		2.5		
60	38+81.46	38+90.07	MO 367 WOR	RT	C3	11		1					
60	38+84.57	38+89.57	MO 367 WOR	RT					2.5		2.5		
61	63+85.15	63+93.53	MO 367 WOR	LT					9.2		9.2		DECORATIVE CONCRETE
61	63+92.15	63+99.36	MO 367 WOR	LT					2.8		2.8		
61	64+00.64	64+15.96	MO 367 WOR	RT	C6	25		2					
61	64+90.09	64+96.65	MO 367 WOR	LT					2.7		2.7		
61	64+92.42	65+28.07	MO 367 WOR	RT	C7	23		2					
62	103+61.26	103+77.5	MO 367 WOR	RT	C5	10		1					
62	103+66.58	103+81.9	MO 367 WOR	LT	C1	26		1					
62	103+62.62	103+80.09	MO 367 WOR	LT					11.0		11.0		DECORATIVE CONCRETE
62	103+77.5	104+17.05	MO 367 WOR	RT					22.0		22.0		
62	104+17.05	104+56.42	MO 367 WOR	RT	C4	15		2					
62	104+77.67	104+88.66	MO 367 WOR	LT					5.9		5.9		
62	104+83.38	105+07.99	MO 367 WOR	LT					6.9		6.9		DECORATIVE CONCRETE
62	104+84.2	105+11.62	MO 367 WOR	LT	C1	26		1					
62	105+66.99	105+90.03	MO 367 WOR	RT	C4	12		1					
62	105+86.01	106+23.65	MO 367 WOR	RT					20.9		20.9		
62	106+23.65	106+46.63	MO 367 WOR	RT	C5	10		1					
63	118+09.5	119+18.28	MO 367 WOR	RT					78.9		78.9		
63	119+18.28	119+47.88	MO 367 WOR	RT	C6	27		1					
63	119+87.25	120+17.04	MO 367 WOR	RT	C6	27		1					
63	120+17.04	121+54.3	MO 367 WOR	RT					91.9		91.9		
63	121+54.06	121+78.48	MO 367 WOR	RT	C6	20		1					
63	122+09.42	122+34.12	MO 367 WOR	RT	C6	20		1					
63-64	122+33.77	126+98.19	MO 367 WOR	RT					309.3		309.3		
64	126+96.42	127+27.26	MO 367 WOR	RT	C2	17		1					
64	127+06.78	127+14.37	MO 367 WOR	RT					5.1		5.1		DECORATIVE CONCRETE
64	127+12.21	127+21.28	MO 367 WOR	LT	C1	26		1					
64-65	26+19.24	29+33.34	DUNN RD	RT					251.0		251.0		
65	29+33.07	29+59.37	DUNN RD	RT	C6	25		1					
65	30+25.04	30+49.84	DUNN RD	RT	C1	12		1					
65-66	30+49.18	35+30.44	DUNN RD	RT					308.2		308.2		
66	35+30.42	35+61.55	DUNN RD	RT	C6	14		1			0.0		
66	35+55.06	35+61.16	DUNN RD	RT					9.8		9.8		
				SUBTOTAL		**667**		**63**	**2204.0**	**74.7**	**2278.7**	**7.5**	
70	10+31.32	10+45.25	SPENCER LOOP S	LT	C1	16		1					
70	10+37.34	10+55.71	SPENCER LOOP S	LT					19.0		19.0		
71	20+96.58	21+19.43	SPENCER RD	LT					15.9		15.9		
71	25+60.92	25+89.94	SPENCER RD	LT					21.6		21.6		
72	11+55.57	11+60.05	VETERANS MEMORIAL PKWY	RT					3.3		3.3		
72	11+59.99	11+70.13	VETERANS MEMORIAL PKWY	RT	C5	12		1					
72-73	12+29.38	13+92.29	VETERANS MEMORIAL PKWY	RT					115.0		115.0		
73	13+88.22	14+09.99	VETERANS MEMORIAL PKWY	RT	C4	12		1					
73	21+87.24	21+93.79	TR HUGHES BLVD	LT					2.8		2.8		
73	22+15.93	22+23.36	TR HUGHES BLVD	RT					3.8		3.8		
73	22+20.68	22+56.70	TR HUGHES BLVD	RT	C8	28		2					
73	22+50.87	22+58.70	TR HUGHES BLVD	RT					3.7		3.7		
74	36+40.97	36+48.19	TR HUGHES BLVD	LT					3.7		3.7		
74	36+42.64	36+90.80	TR HUGHES BLVD	LT	C2	31		2					
74	36+75.03	36+82.87	TR HUGHES BLVD	RT					3.2		3.2		
74	36+77.27	37+14.88	TR HUGHES BLVD	RT	C8	27		2					
74	36+89.61	36+95.61	TR HUGHES BLVD	LT					3.2		3.2		

DISCLAIMER

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

SCHEDULE OF QUANTITIES

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_18_J6P3510E_I1.dgn 12:46:24 PM 9/29/2026

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

SIDEWALK (CONTINUED)

PLAN SHEET NUMBER	FROM STATION	TO STATION	ROADWAY	LOCATION	SUGGESTED ADA RAMP TYPE	TRUNCATED DOMES (SF)	SIDEWALK EDGE GRINDING (LF)	CONCRETE CURB RAMP (EA)	CONCRETE SIDEWALK, 4 IN. (SQYD)	ASPHALT SIDEWALK, 5.75 IN. (SQYD)	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQYD)	TACK COAT (GAL)	REMARKS
74	37+12.51	37+19.37	TR HUGHES BLVD	RT					3.1		3.1		
75	12+17.00	12+27.16	VETERANS MEMORIAL PKWY	RT	C6	17		1					
75	12+19.65	12+25.69	VETERANS MEMORIAL PKWY	RT					6.1		6.1		
75	12+96.99	13+27.36	VETERANS MEMORIAL PKWY	RT	C2	20		1					
75	12+98.64	13+04.07	VETERANS MEMORIAL PKWY	RT					7.6		7.6		
75	13+27.37	13+32.38	VETERANS MEMORIAL PKWY	RT					3.0		3.0		
76	29+93.88	30+78.8	VETERANS MEMORIAL PKWY	RT					56.0		56.0		
76	30+78.46	31+12.28	VETERANS MEMORIAL PKWY	RT	C6	32		1					
76	31+90.25	32+10.70	VETERANS MEMORIAL PKWY	RT	C6	21		1					
76-77	32+04.83	34+24.61	VETERANS MEMORIAL PKWY	RT					155.7		155.7		
77	34+23.78	34+46.24	VETERANS MEMORIAL PKWY	RT	C5	12		1					
78	12+41.10	12+46.41	MID RIVERS MALL DR	RT					3.4		3.4		
78	12+46.17	12+82.73	MID RIVERS MALL DR	RT	C2	24		2					
78	12+56.30	12+62.58	MID RIVERS MALL DR	LT					2.6		2.6		
78	12+60.49	12+83.96	MID RIVERS MALL DR	LT	C8	12		2					
78	12+77.43	12+83.70	MID RIVERS MALL DR	RT					3.4		3.4		
78	12+79.08	12+87.64	MID RIVERS MALL DR	LT					4.6		4.6		
78	13+66.67	13+73.86	MID RIVERS MALL DR	LT					2.8		2.8		
78	13+67.26	13+99.14	MID RIVERS MALL DR	LT	C8	12		2					
78	13+70.21	13+96.55	MID RIVERS MALL DR	RT	C8	13		2					
78	13+71.84	13+78.81	MID RIVERS MALL DR	RT					3.3		3.3		
78-79	13+93.06	17+52.02	MID RIVERS MALL DR	RT					210.2		210.2		
78	13+96.80	15+32.49	MID RIVERS MALL DR	LT					90.8		90.8		
78	15+31.74	15+49.90	MID RIVERS MALL DR	LT	C5	12		1					
78	15+80.37	15+98.99	MID RIVERS MALL DR	LT	C5	12		1					
78-79	15+98.19	17+32.53	MID RIVERS MALL DR	LT					85.7		85.7		
79	17+30.54	17+61.51	MID RIVERS MALL DR	LT	C8	22		2					
79	17+54.00	17+59.08	MID RIVERS MALL DR	LT					2.2		2.2		
79	18+44.12	18+77.62	MID RIVERS MALL DR	RT	C2	24		2					
79	18+46.67	18+57.18	MID RIVERS MALL DR	LT					4.4		4.4		
79	18+48.00	91+01.41	MID RIVERS MALL DR	LT	C2	24		2					
79	19+00.64	19+72.38	MID RIVERS MALL DR	LT					46.4		46.4		
79	21+22.93	22+10.38	MID RIVERS MALL DR	LT					57.2		57.2		
80	22+37.70	22+86.40	MID RIVERS MALL DR	LT					34.4		34.4		
81	32+76.95	32+82.79	MID RIVERS MALL DR	LT					2.8		2.8		
83	16+28.46	16+35.59	BRYAN RD	RT								3.1	
83	16+32.62	16+54.57	BRYAN RD	RT	C3	11		1					
83	16+40.78	16+49.05	BRYAN RD	LT								3.8	
83	16+45.15	16+64.92	BRYAN RD	LT	C3	12		1					
				SUBTOTAL		**407**		**32**	**981.3**		981.3	6.8	

DECORATIVE SUBTOTALS	**53**		**30**	**583.3**				**RED AND OR STAMPED SIDEWALK OR CURB RAMPS, YELLOW DOMES**
SUBTOTALS*	**1534.5**					**8761.8**	**232.7**	*SEE SUBTOTAL SCHEDULE FOR FINAL PAY ITEM TOTAL
TOTALS		**6**	**204**	**6564.2**	**1773.3**			

MISC

OVERALL SHEET NUMBER	STATION	TO STATION	ROADWAY	LOCATION	DRAINAGE FLUME (EA)	RELOCATING CONCRETE BARRIER BLOCK (EA)	SPEED BUMP (EA)	INLET TOP REPLACEMENT (IN KIND) (EA)	SIDEWALK HAND-RAILING (LF)	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR	REMOVAL FOR CLASS A PARTIAL DEPTH PAVEMENT REPAIR	FURNISHING AND PLACING CONCRETE MATERIAL FOR CLASS A PARTIAL DEPTH PAVEMENT REPAIR	REMARKS
23	113+43		VETERANS MEM.	RT				1						
36	15+87.01		I-70 SOR	RT										
38	42+09.29	43+46.08	I-70 SOR	RT	1									
38	48+07.67		I-70 SOR	RT			2							
41	70+44.55	70+73.46	I-70 SOR	RT	1									
41	71+57.65		I-70 SOR	RT		2								
42	22+38.39	22+61.68	I-70 SOR	RT		2								
42	23+49.32	23+72.69	I-70 SOR	RT		3								
43	30+28.05	30+52.45	MO 115 EB	LT		2								
45	32+02.65	32+13.18	MO 115 EB	LT		2								
43	25+89.75	26+05.77	MO 115 WB	LT		4								
43	26+24.37	26+35.23	MO 115 WB	RT		2								
43	26+44.13	26+55.88	MO 115 WB	LT		3								
44	27+76.91	27+94.35	MO 115 WB	RT				1						
46	33+41.74		MO 115 WB	RT					138					
24	17+86	20+60	VALLEY SCHOOL DR	LT					274					
10	14+12		HAMPTON AVE	LT				1						
73	22+12.48		BELLEAU CREEK RD	LT						10.8	1.7			
74	35+26.04		TR HUGHES BLVD	LT								26.9	2.2	
74	35+81.75		TR HUGHES BLVD	LT						17.6	2.8			
				TOTALS	**2**	**20**	**2**	**3**	**412**	**28.4**	**4.6**	**27.0**	**2.3**	

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 9/29/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCHEDULE OF QUANTITIES

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

STANDARD SIGN ASSEMBLIES											SIGN SUMMARY				
					TYPE									SIZE, TYPE & SQUARE FEET	
					W11-2	W16-7P	R5-1	R3-2	R1-1						
					SIGN DESCRIPTION, SIZES &										
SIGN NUMBER	OVERALL SHEET NUMBER	STATION	LOCATION	ROADWAY	PEDESTRIAN 36" X 36"	DIAGONAL DOWNWARD ARROW (PLAQUE) 21" X 15"	DO NOT ENTER 30" X 30"	NO LEFT TURN 24" X 24"	STOP 36" X 36"		STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	FLAT SHEET SIZE (SQFT) ITEM NO. 903-50.04A	FLAT SHEET FLUORESCENT YELLOW GREEN ITEM NO. 903-50.69A (SQFT)
1	12	11+45	RT	I-44 ST LOUIS/DE TONTY ST			1	1	1		R5-1		1	6.25	
1	78	15+47	LT	MID RIVERS MALL DR					1		W16-7P		2	9.00	18.00
4	83	16+60	LT	BRYAN RD	1	1					W16-7PL		2	3.75	7.50
5	83	16+39	RT	BRYAN RD	1	1					R1-1		1	6.25	6.25
				TOTAL	2	2	1	1	2				TOTAL	26	32

SIGNALS

MODOT ITEM NUMBER	ITEM DESCRIPTION	UNIT	SUBTOTALS
902-27.08	POST, SIGNAL 8 FT. OR 2.4 M	EACH	14
902-53.00	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	1085
902-83.08	CABLE, 16 AWG 2 CONDUCTOR	LF	10100
902-83.10	CABLE, 16 AWG 5 CONDUCTOR	LF	2040
902-91.00	BASE, CONCRETE	CY	6.7
902-99.02	COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE 1S	EACH	29
902-99.02	ACCESSIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	EACH	118
902-99.02	PUSHBUTTON EXTENSION	EACH	11
902-99.02	4 FT. PED STANCHION	EACH	49

OVERALL SHEET NUMBER	SIGNS 902 SIGNAL SIGNS TABULATED ON D-37A SHEET						CONCRETE FOOTINGS EMBEDDED	PIPE POSTS				BACKING BARS				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE										REMARKS AND OTHERS REQUIRED ITEMS
													2" X 3/8" BARS @ 2.55 LBS PER LIN FT					2 IN. POST					2.5 IN. POST					BREAK-AWAY ASSEMBLY	
	SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	PIPE SIZE	POST NO. 1	POST NO. 2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO. 1	POST NO. 2	TOTAL ITEM NO. 9031280	ANCHORS DRIVEN 7-GA. ITEM NO. 9031281A	ANCHORS CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
							CY	IN.	LF	LF		LBS		IN.	LF	LBS	LF	LF	LF		EA	EA	LF	LF		EA	EA	EA	
6	1	ASSEMBLY	21+34		LT			4	15		10.79	161.9																	STREET NAMES ON EXISTING PIPE POST
12	2	ASSEMBLY	11+45		DE TONTY ST			4	15		10.79	161.9																	ASSEMBLY
14	3		15+77		DE TONTY ST													10		10	1								BUS STOP
78	1	30"x30"	15+47		MID RIVERS MALL DR													11		11	1								
83	7	36"x36", 30"x18"	16+60		BRYAN RD		0.13	2.5	17		5.79	98.4																	
83	5	36"x36", 30"x18"	16+39		BRYAN RD		0.13	2.5	17		5.79	98.4																	
					TOTAL							530								21	2								

SCHEDULE OF QUANTITIES

SHEET 20 OF 21

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 9/29/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00	2	32				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00	2	10				NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00	6	30				XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	16	256				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	6	96				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	3	48				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	3	48				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	6	96				FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	8	128				SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	8	16				SIDEWALK CLOSED
R9-10	24X18	3.00	6	18				SIDEWALK CLOSED, USE OTHER SIDE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 794
616-10.10 RELOCATED SIGNS	TOTAL N/A*

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	4	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	250	CHANNELIZER (TRIM LINE)
6161030	2	TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	4	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	200 *	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A	200 *	RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169901	20 *	ADA COMPLIANT MOVEABLE BARRICADE
6169901	2	TEMPORARY RAMP

* ITEMS NOT INLCUDED IN LUMP SUM TEMPORARY TRAFFIC CONTROL

NOTES:
1. QUANTITIES ON THIS SHEET ARE ESTIMATED FOR THE ENTIRE PACKAGE.
2. ALL TRAFFIC CONTROL DEVICES ARE INCLUDED IN PAY ITEM 6199901 LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE & ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.
3. NO DIRECT PAYMENT FOR RELOCATION OF TRAFFIC CONTROL DEVICES.

SCHEDULE OF QUANTITIES

SHEET 21 OF 21

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\03_QU_21_J6P3510C_I1.dgn 12:26:56 PM 9/29/2026

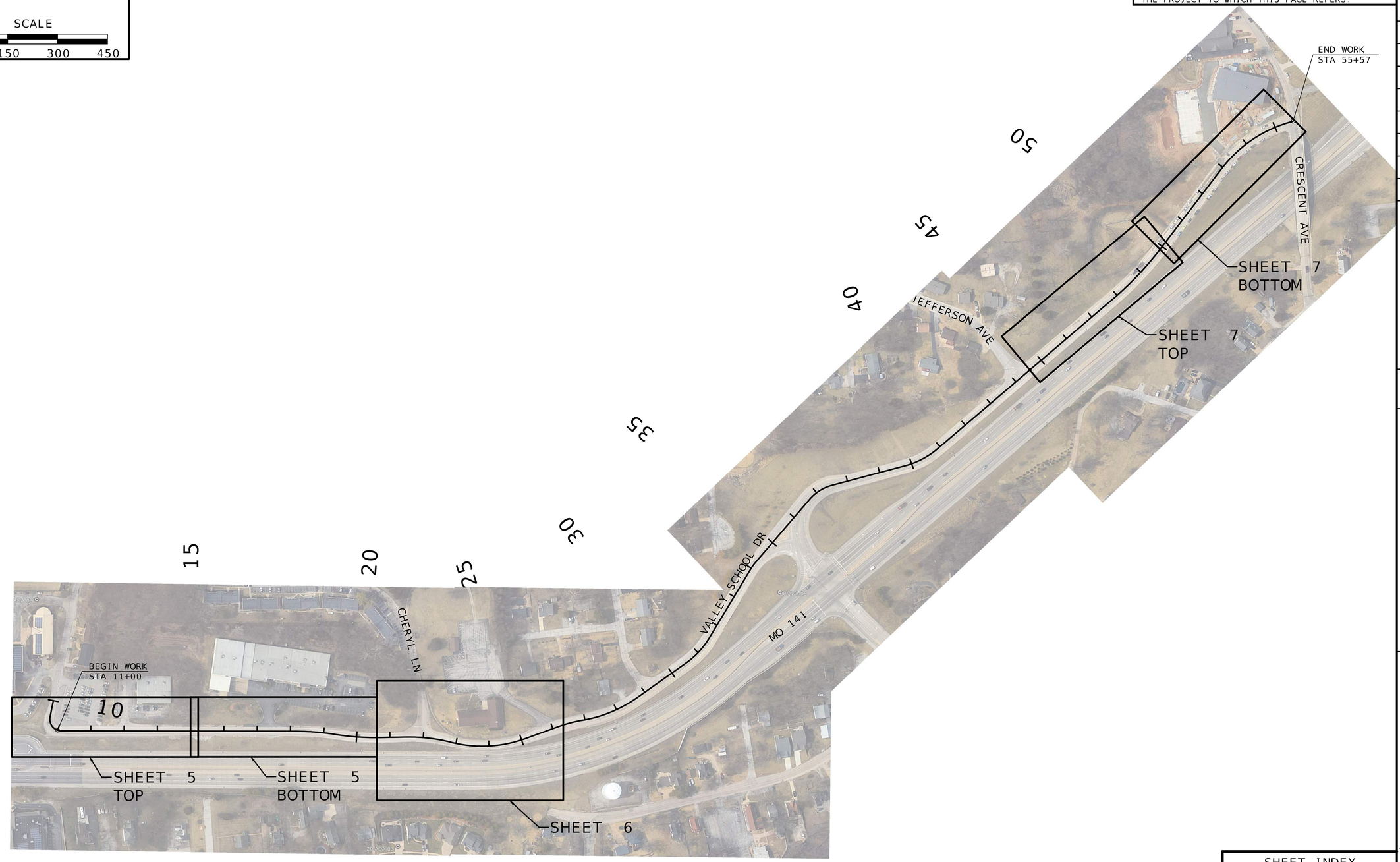
SCALE

0 150 300 450

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
MO 141 Valley Park	S7 T44N R5E	2999

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



SHEET INDEX

MO 141
SHEET 1 OF 4

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	4

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

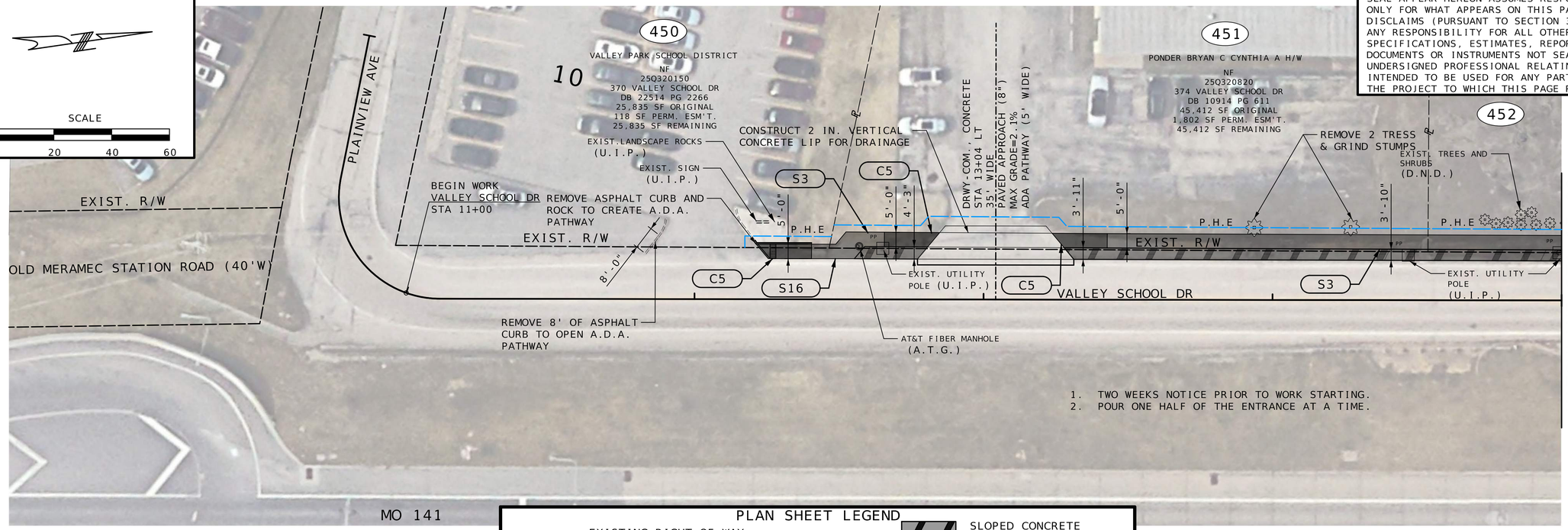
REV.

SCALE

0 20 40 60

DISCLAIMER

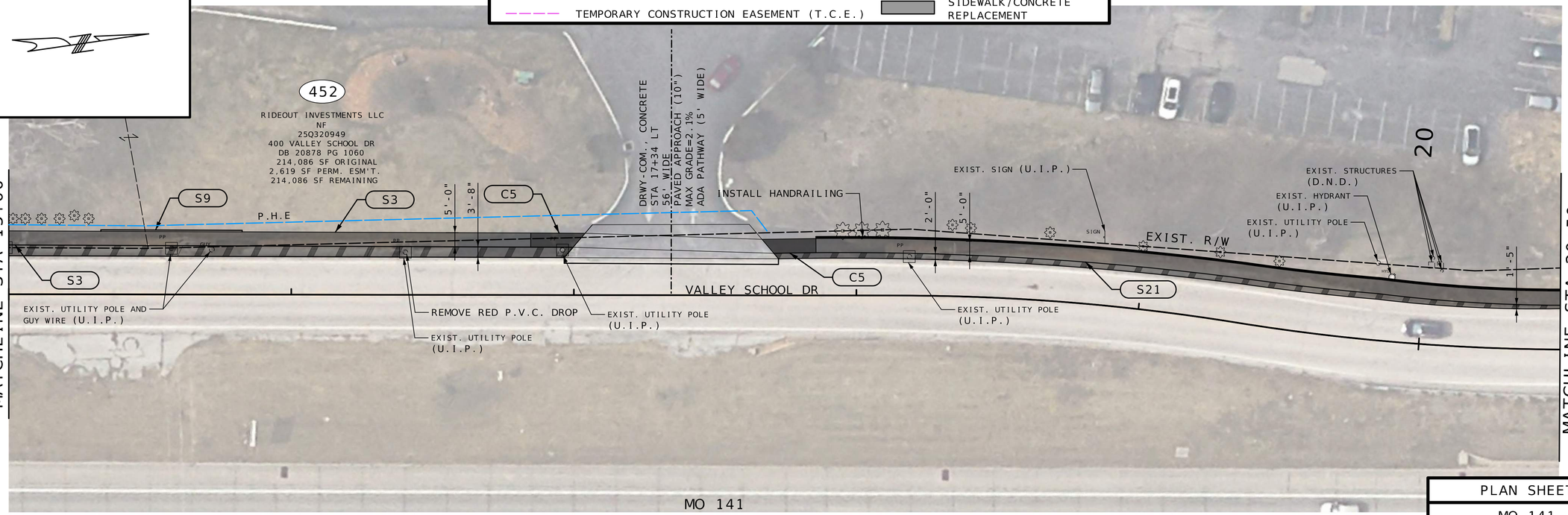
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE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



1. TWO WEEKS NOTICE PRIOR TO WORK STARTING.
2. POUR ONE HALF OF THE ENTRANCE AT A TIME.

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT



PLAN SHEET

MO 141
SHEET 2 OF 4

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 9/29/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	5

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\20-02_PP_J6P3510E_I20.dgn 7:33:21 AM 9/29/2026

SCALE

0 20 40 60

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

MATCHLINE STA 20+50

VALLEY SCHOOL RD

CHERYL LN

EXIST. R/W

CHERYL LN

EXIST. R/W

453

VALLEY PARK METHODIST CHURCH
NF
25Q341335
30 CHERYL LN
DB 6342 PG 2359
206,390 SF ORIGINAL
380 SF PERM. ESM'T.
206,390 SF REMAINING

EXIST. R/W

452

SEE SHEET 2 OF 4 FOR DETAILS

1

R3

24" STOP BAR

CONTINENTAL CROSSWALK

EXIST. INLET (U.I.P.)

EXIST. GAS VALVE (A.T.G)

EXIST. GUY WIRE (U.I.P.)

EXIST. POWER POLE (U.I.P.)

21+34

P.H.E.

SIGN

5'-0"

EXIST. STOP SIGN (U.I.P.)

SAWCUT 6" ALONG THE SIDEWALK IN FRONT OF EXISTING RETAINING WALL WHERE SIDEWALK MEETS THE WALL

EXIST. RETAINING WALL (D.N.D.)

EXIST. R/W

5'-0"

EXIST. POWER POLE (U.I.P.)

EXIST. GUY WIRES (U.I.P.)

5'-0"

C6

S21

1'-0"

S16

C3

C2

S2

S13

VALLEY SCHOOL DR

MO 141

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 141
SHEET 3 OF 4

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	6

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION	REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\20-03_PP_J6P3510E_I20.dgn 10:57:19 AM 8/4/2026

SCALE
0 20 40 60

DAINS MICHAEL R
& LAURA L T/E
NF
25Q611056
408 JEFFERSON AVE
DB 22566 PG 2879
NO ACQUISITIONS

DAINS MICHAEL R
& LAURA L T/E
NF
25Q611067
416 JEFFERSON AVE
DB 13700 PG 418
NO ACQUISITIONS

EXIST. R/W

45

JEFFERSON AVE

C6

EXIST. INLET
(U.I.P.)

S2

EXIST. INLET
(U.I.P.)

VALLEY SCHOOL DR

EXIST. INLETS
(U.I.P.)

5'-0"

EXIST. TREES
(D.N.D.)

MATCHLINE STA 50+00

MO 141

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

EXIST. R/W

VALLEY PARK FIRE
PROTECTION DISTRICT
NF
25Q631186
51 CRESCENT AVE
DB 7384 PG 1702
NO ACQUISITIONS

55

5'-0"

EXIST. MANHOLE
(U.I.P.)

S2

VALLEY SCHOOL DR

VALLEY SCHOOL DR

MATCHLINE STA 50+00

END WORK
VALLEY SCHOOL DR
STA 55+57

CRESCENT AVE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	7

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET
MO 141
SHEET 4 OF 4

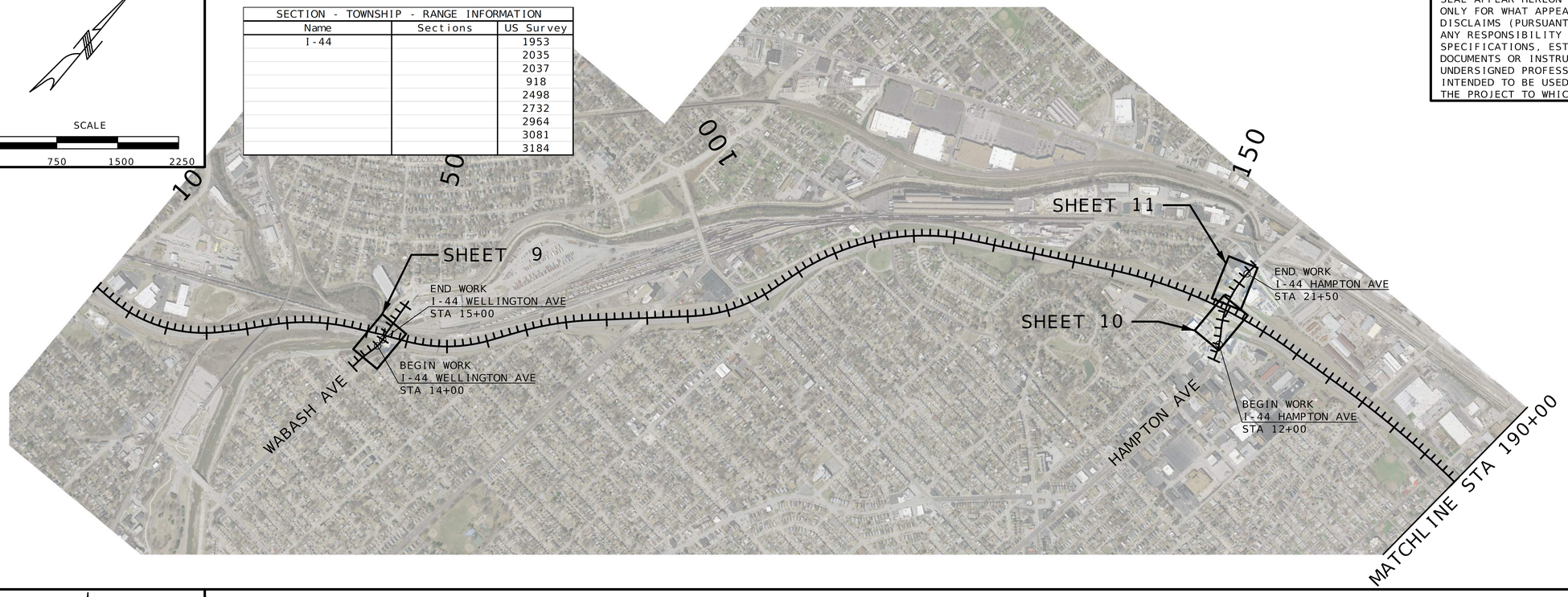
REV.

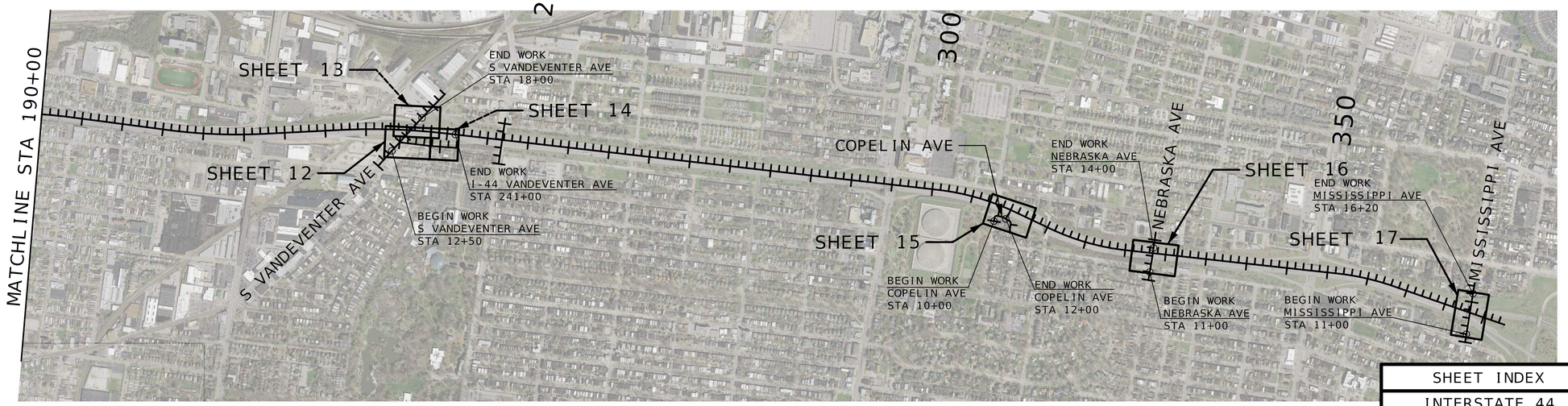
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\20-04_PP_J6P3510E_I20.dgn 10:57:26 AM 8/4/2026

SCALE

0 750 1500 2250

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
I-44		1953
		2035
		2037
		918
		2498
		2732
		2964
		3081
		3184





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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SHEET INDEX

INTERSTATE 44

SHEET 1 OF 10

SCALE

0 20 40 60

EXIST. R/W

50030000400
7103-7103 PERNOD AV
NF
CITY OF ST LOUIS
DB CVN PG 0
NO AQUISITION

EXIST. R/W

BEGIN WORK
I-44 WELLINGTON AVE
STA 14+00

END WORK
I-44 WELLINGTON AVE
STA 15+00

47+20.79 (I 44 BASELINE)
15+57.30 (WELLINGTON BL)

15

I-44

WELLINGTON AVE

WELLINGTON AVE

C5

EXIST. MANHOLE
(U.I.P.)

5'-0"

DRWY-CONCRETE
STA. 14+69 RT
15' WIDE PAVED
APPROACH (7")
MAX GRADE=2.1%
ADA PATHWAY
(5' WIDE)

EXIST. R/W

EXIST. R/W

90920000400
92-92 WELLINGTON AV
NF
UNION ELECTRIC CO
DB CVN PG 0
NO AQUISITION

WABASH AVE

50040003500
7091-7091 PERNOD AV
NF
PICARDI, LAURA ANN
DATE 11/8/2021 DAILY 21
NO AQUISITION

50030000200
3601-3601 WABASH AV
NF
UNION ELECTRIC CO OF MO
DB CVN PG 0
NO AQUISITION

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	9

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

PLAN SHEET

INTERSTATE 44
SHEET 2 OF 10

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-02_PP_J6P3510E_I20.dgn 10:58:24 AM 8/4/2026

SCALE

0 20 40 60

54730001551
2111-2111 SULPHUR AV
NF
DRURY DEVELOPMENT CORP
DATE 12/31/2007 DAILY 226
NO AQUISITION

I-44 EB OFF-RAMP

EXIST. R/W

15

6'-0"

8'-2"

EXIST. RETAINING WALL
(U.I.P.)

S2

EXIST. PULL BOX
(A.T.G.)

EXIST. CURB INLET
(U.I.P.)

EXIST. 12" CURB
(U.I.P.)

CONTINENTAL
CROSSWALK

EXIST. LIGHT POLE
(U.I.P.)

EXIST. CURB INLET (REPLACE TOP)
(A.T.G.)

S14

S2

INSTALL NEW CURB
TO MATCH EXISTING

S7

EXIST. LIGHT POLE
(U.I.P.)

S2

6'-6"

46361301560
6005-6005 WILSON AV
NF
DRURY DEVELOPMENT CORP
DATE 12/31/2007 DAILY 226
NO AQUISITION

EXIST. R/W

46361300040
2075-2075 HAMPTON AV
NF
CITY OF ST LOUIS MO
DB CVN PG 0
NO AQUISITION

46440000100
2105-2105 HAMPTON AV
NF
SPIRIT ENERGY LLC
DATE 12/10/2002 DAILY 306
NO AQUISITION

46361301300
2078-2078 HAMPTON AV
NF
CITY OF ST L
DATE 1/19/1982 DAILY 7
NO AQUISITION

EXIST. R/W

BEGIN WORK
I-44 HAMPTON AVE
STA 12+00

HAMPTON AVE

SEE SIGNAL PLAN
SHEET 125
FOR SIGNAL UPGRADES

EXIST. MASTARM
(U.I.P.)

EXIST. PULLBOX
(A.T.G.)

12'-0"

C5

EXIST. CONTROLLER
(U.I.P.)

EXIST. TELEPHONE PEDESTAL
(U.I.P.)

S2

EXIST. LIGHT POST
(U.I.P.)

EXIST. GAS DRIP VALVE
(A.T.G.B.O.)

CONTINENTAL CROSSWALK

EXIST. SIGNAL POST
(T.B.R.)

CONTINENTAL CROSSWALK

S6

S14

C1

EXIST. PULL BOX
(U.I.P.)

EXIST. YIELD SIGN
(U.I.P.)

EXIST. HYDRANT (U.I.P.)

EXIST. LIGHT POLE (U.I.P.)

EXIST. CURB INLET (A.T.G.)

6'-0"

EXIST. R/W

I-44 EB ON-RAMP

I-44

MATCHLINE STA 17+50

S13

5'-0"

R4

STA 16+42.21
OFF 54.73'

STA 16+31.14
OFF 54.78'

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

INTERSTATE 44
SHEET 3 OF 10

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-03_PP_J6P3510E_I20.dgn 10:58:29 AM 8/4/2026

SCALE

0 20 40 60

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

END WORK
I-44 HAMPTON AVE
STA 21+50

EVELINE ST

EXIST. R/W

16910001100
6100-6100 EVELINE ST
NF
SAIYUD LEE TRS
DATE 2/23/2022 DAILY 354
NO ACQUISITIONS

EXIST. R/W

20

R2

5'-0"

EXIST. LIGHT POLE
(U.I.P)

REMOVE SIDEWALK,
ADD TOP SOIL,
AND REVEGETATE WITH SOD

EXIST. LIGHT POLE
(U.I.P)

S2

HAMPTON AVE

EXIST. PULL BOX
(U.I.P.)

EXIST. WATER VALVE
(U.I.P.)

EXIST. INLET
(A.T.G.)

EXIST.PULL BOX
(U.I.P.)

EXIST. SIGN
(U.I.P)

S2

R2

EXIST. MANHOLE
(U.I.P)

EXIST. LIGHT POLE
(U.I.P)

EXIST. FIRE HYDRANT
(U.I.P)

7'-0"

I-44 WB ON-RAMP

R2

C1

EXIST.PULL BOX
(U.I.P.)

EXIST.LIGHT POLE
(U.I.P.)

CONTINENTAL
CROSSWALK

S14

40210000210
2020-2020 HAMPTON AV
NF
JERRY ACKERMAN MOTOR CO INC
DATE 7/3/2017 DAILY 53
NO AQUISITION

EXIST. CURB INLET
(A.T.G.)

6'-0"

EXIST.MAST ARM
(U.I.P.)

NO SIGNAL
UPGRADES THIS
INTERSECTION

S14

R2

S2

7'-0"

EXIST. R/W

CONTINENTAL CROSSWALK

EXIST.RETAINING WALL
(U.I.P.)

HAMPTON AVE

EXIST. R/W

MATCHLINE STA 17+50

I-44 WB OFF-RAMP

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

INTERSTATE 44
SHEET 4 OF 10

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION	REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-04_PP_J6P3510E_I20.dgn 10:58:33 AM 8/4/2026

SCALE
0 20 40 60

MATCHLINE STA 16+50

MATCHLINE 238+00

235

I-44

15

10

BEGIN WORK
DE TONTY ST
STA. 10+00

I-44 EB OFF-RAMP

CONTINENTAL CROSSWALK

C1

EXIST. SIGN
(U.I.P.)

EXIST. R/W

S VANDEVENTER AVE

40960000408
1733-1733 VANDEVENTER AV
NF
MBG PROPERTIES INC
DATE 2/25/2002 DAILY 471
NO AQUISITION

5'-0"

BEGIN WORK
S. VANDEVENTER AVE
STA. 12+50

56790002450
1720-1720 VANDEVENTER AV
NF
MBG PROPERTIES INC
DATE 12/6/2006 DAILY 274
NO AQUISITION

DRWY - CONCRETE
STA. 11+75 RT
15' WIDE PAVED
APPROACH (8")
MAX GRADE=2.1%
ADA PATHWAY
(5' WIDE)

EXIST. DRAINAGE STRUCTURE
(U.I.P.)

CONTINENTAL CROSSWALK

DE TONTY ST

103°

EXIST. FIRE HYDRANT
(U.I.P.)

EXIST. MANHOLE
(U.I.P.)

EXIST. STEPS
(U.I.P.)

S2

EXIST. SIGN
(U.I.P.)

HYD

5'-0"

EXIST. R/W

REPLACE DO NOT ENTER SIGN ON
THE NORTH SIDE OF POST.
REPLACE THE STOP AND NO LEFT
TURN SIGN ON THE SOUTH SIDE.
REUSE ONE WAY SIGN.

STOP
R1-1
(REPLACE)

DO NOT ENTER
R5-1
(REPLACE)

ONE WAY
R6-2R
(UIP)

R3-2
(REPLACE)

2

ALLEY WAY

56790000600
1815-1815 ALFRED AV
NF
WIETHUCHTER, RALPH
DATE 12/28/1988 DAILY 86
NO AQUISITION

56790000700
1817-1817 ALFRED AV
NF
BORGMEYER, MARY J
DATE 3/28/2016 DAILY 217
NO AQUISITION

56790000800
1821-1821 ALFRED AV
NF
JONES, BRENDA
DATE 9/6/1983 DAILY 171
NO AQUISITION

56790000900
1823-1823 ALFRED AV
NF
MILLER, ADAM & JESSICA PEREIRA
DATE 2/26/2021 DAILY 75
NO AQUISITION

ALFRED AVE

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	12

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

INTERSTATE 44
SHEET 5 OF 10

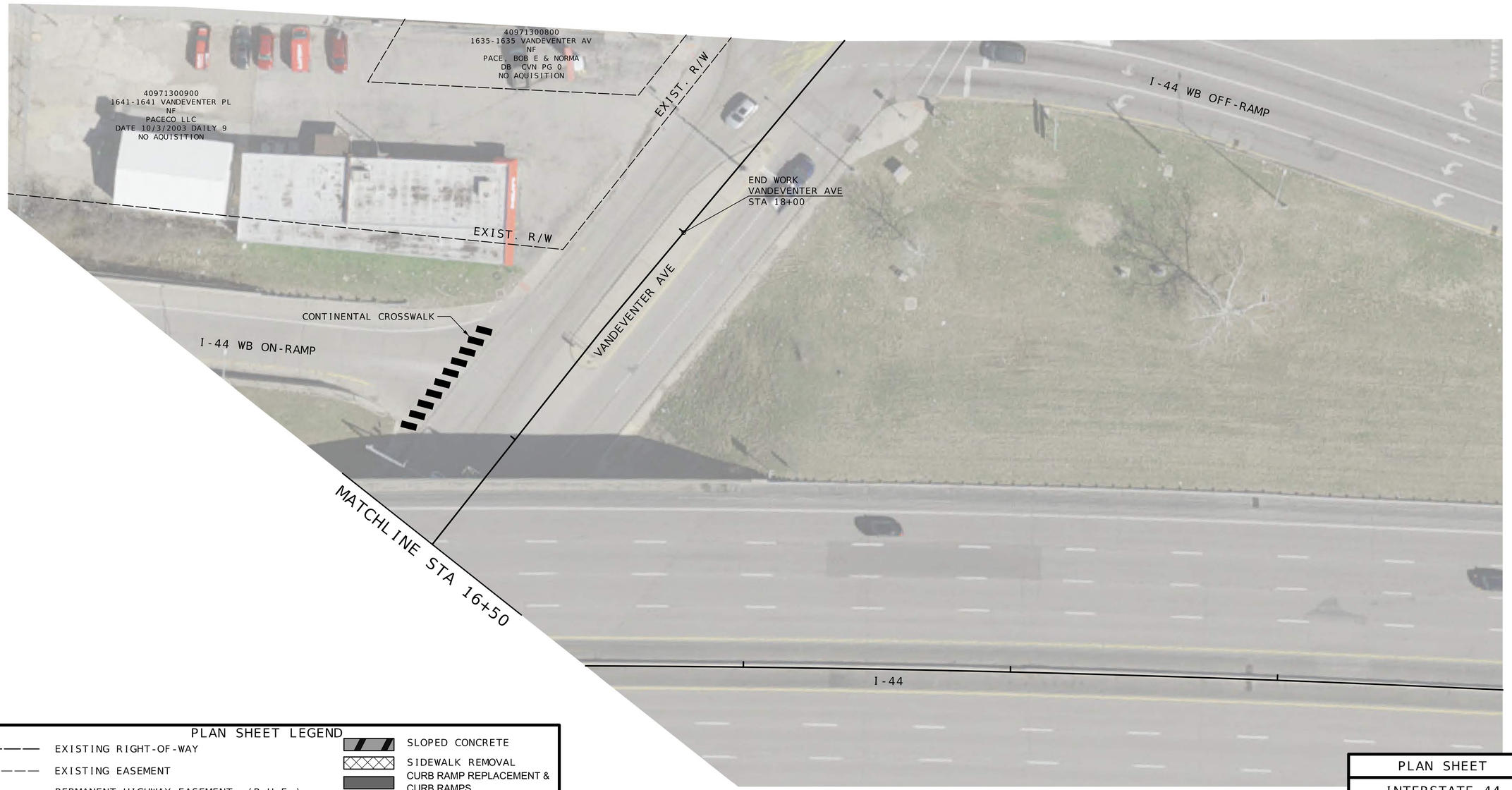
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-05_PP_J6P3510E_I20.dgn 10:58:38 AM 8/4/2026

SCALE

0 20 40 60

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

INTERSTATE 44
SHEET 6 OF 10

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
VARIOUS

JOB NO.
J6P3510E

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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

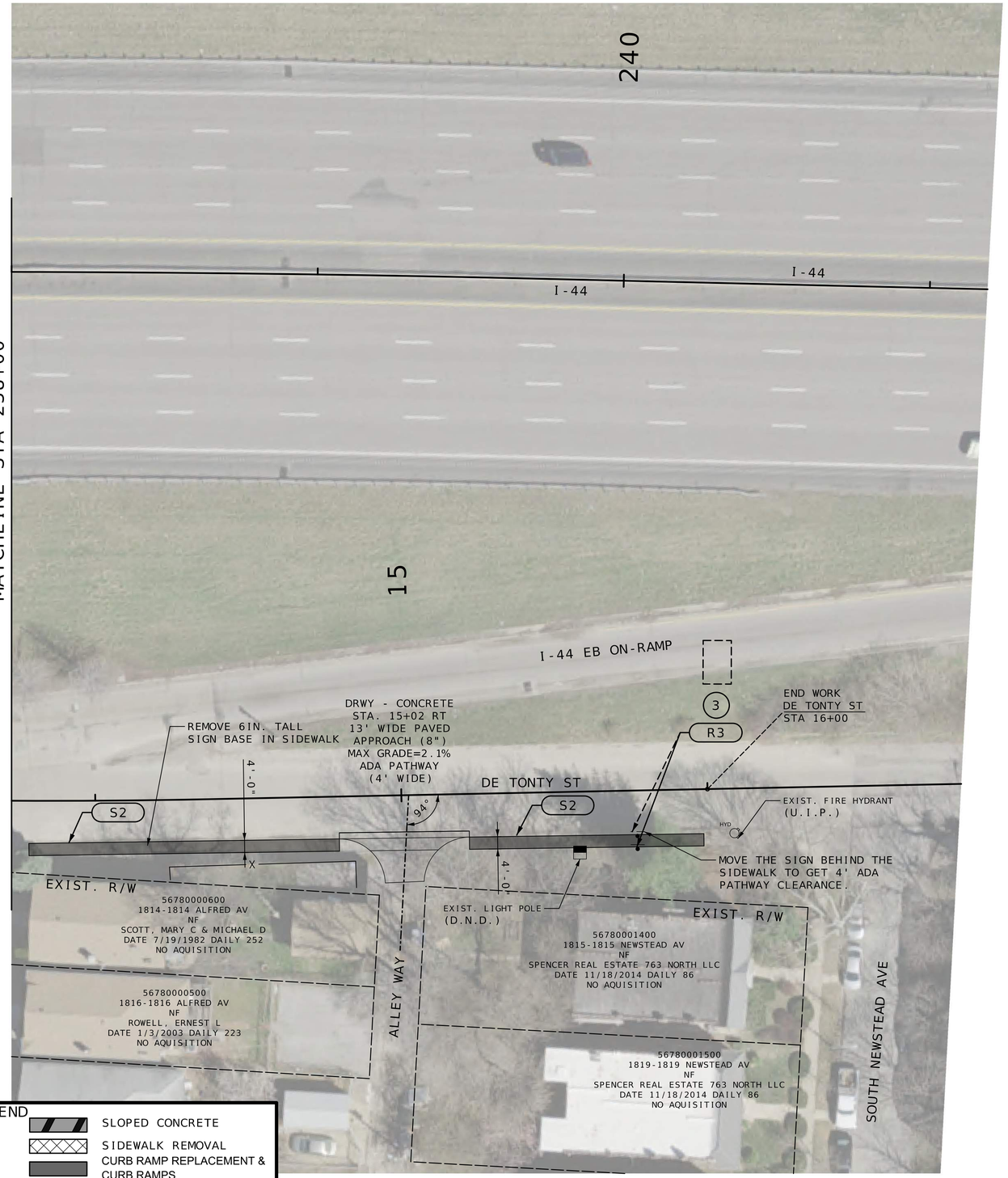
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-06_PP_J6P3510E_I20.dgn 10:58:43 AM 8/4/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	14

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

INTERSTATE 44
SHEET 7 OF 10

REV.

SCALE

0 20 40 60

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

310

I-44

EXIST. R/W

EXIST. R/W

END WORK
COPELIN AVE
STA 12+00

COPELIN AVE

5'-0"

C5

EXIST. SIGN
(U.I.P.)

EXIST. R/W

5'-0"

12910000100
1700-2098 GRAND BLVD
NF
CITY OF ST LOUIS
DB PG 0
NO AQUISITION

13010000300
1301-1301 COPELIN AV
NF
STATE OF MO
DATE 5/31/1966 DAILY 2
NO AQUISITION

13010000100
3258-3258 COPELIN AV
NF
COTKIN, NATHANIEL & EMILY
DATE 7/27/2022 DAILY 123
NO AQUISITION

13010000200
3252-3252 COPELIN AV
NF
JOHNSON, JAMES R
DATE 9/28/2020 DAILY 9
NO AQUISITION

13010002900
3248-3248 COPELIN AV
NF
DECKARD, JOSHUA DAVID & DANIEL M BRITT
DATE 3/30/2021 DAILY 79
NO AQUISITION

BEGIN WORK
COPELIN AVE
STA 10+00

10

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

INTERSTATE 44
SHEET 8 OF 10

STATE OF MISSOURI
PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	15

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-08_PP_J6P3510E_I20.dgn 10:58:52 AM 8/4/2026

SCALE

0 20 40 60

END WORK
NEBRASKA AVE
STA 14+00

I-44

330

NEBRASKA AVE

EXIST. CONCRETE MONUMENT
(D.N.D.)

S2

R2

6'-0"

EXIST. FENCE
(D.N.D.)

EXIST. CONCRETE MONUMENT
(D.N.D.)

S2

R2

5'-0"

EXIST. LIGHT POLE
(U.I.P.)

HYD

EXIST. FIRE HYDRANT
(U.I.P.)

BEGIN WORK
NEBRASKA AVE
STA 11+00

EXIST. R/W

13070000900
2918-2918 GEYER AV
NF
BLACKWELL, ANITA
DATE 8/30/2006 DAILY 299
NO ACQUISITIONS

13070001000
2912-2912 GEYER AV
NF
WEBB, CATHERINE SUE
DATE 3/8/2016 DAILY 321
NO ACQUISITIONS

13070001150
2904-2904 GEYER AV
NF
WOLFF, ROBERT M
DB PG 0
NO ACQUISITIONS

EXIST. R/W

13110001300
1900-1900 NEBRASKA AV
NF
BENNETT, WILLIE L
DB 1111 PG 0
NO ACQUISITIONS

13110001450
1901-1901 OREGON AV
NF
MUELLER, TANNER JOSEPH
DATE 12/27/2021 DAILY 178
NO ACQUISITIONS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	16

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

INTERSTATE 44
SHEET 9 OF 10

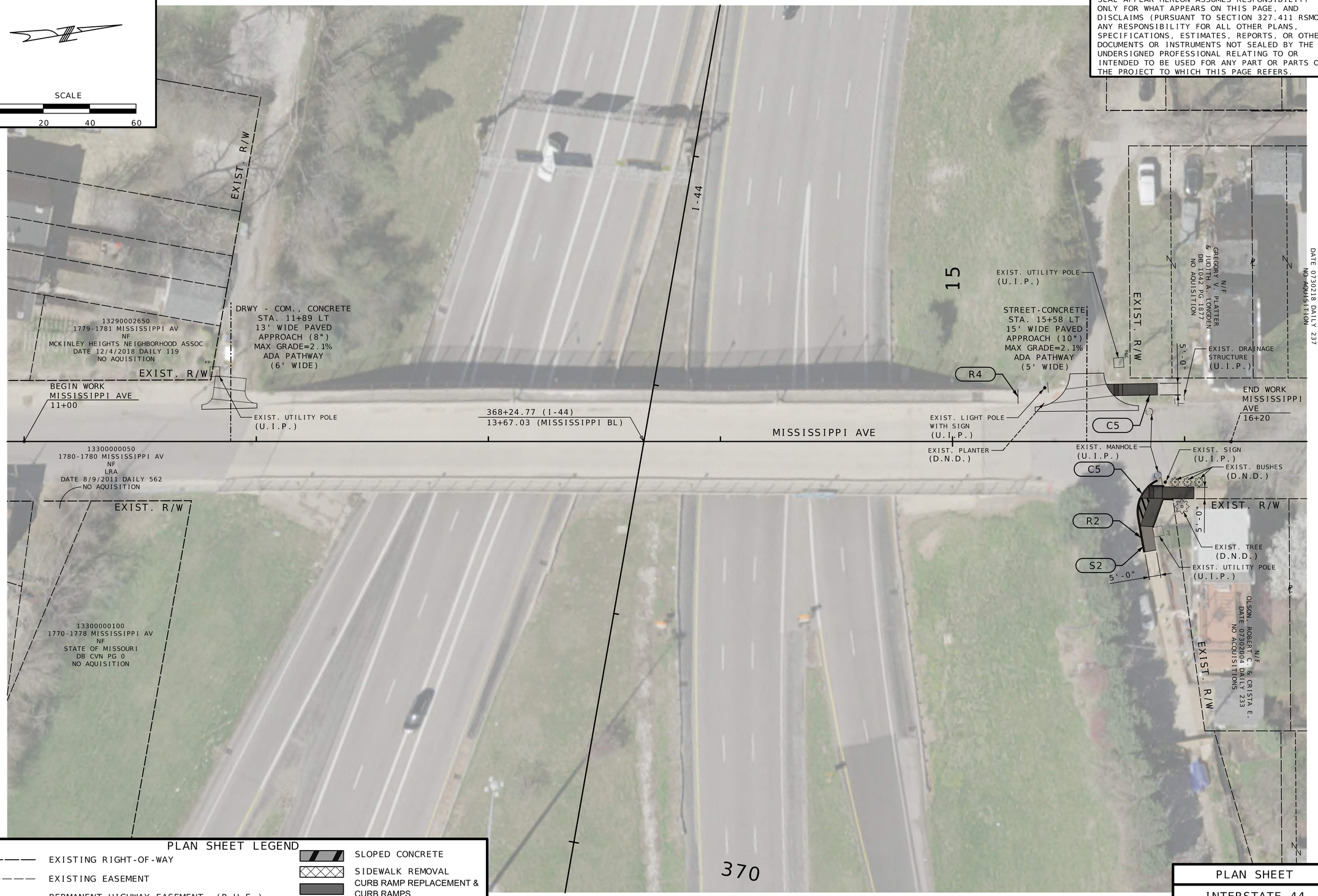
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-09_PP_J6P3510E_I20.dgn 10:58:57 AM 8/4/2026

SCALE

0 20 40 60

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

INTERSTATE 44
SHEET 10 OF 10

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION	REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

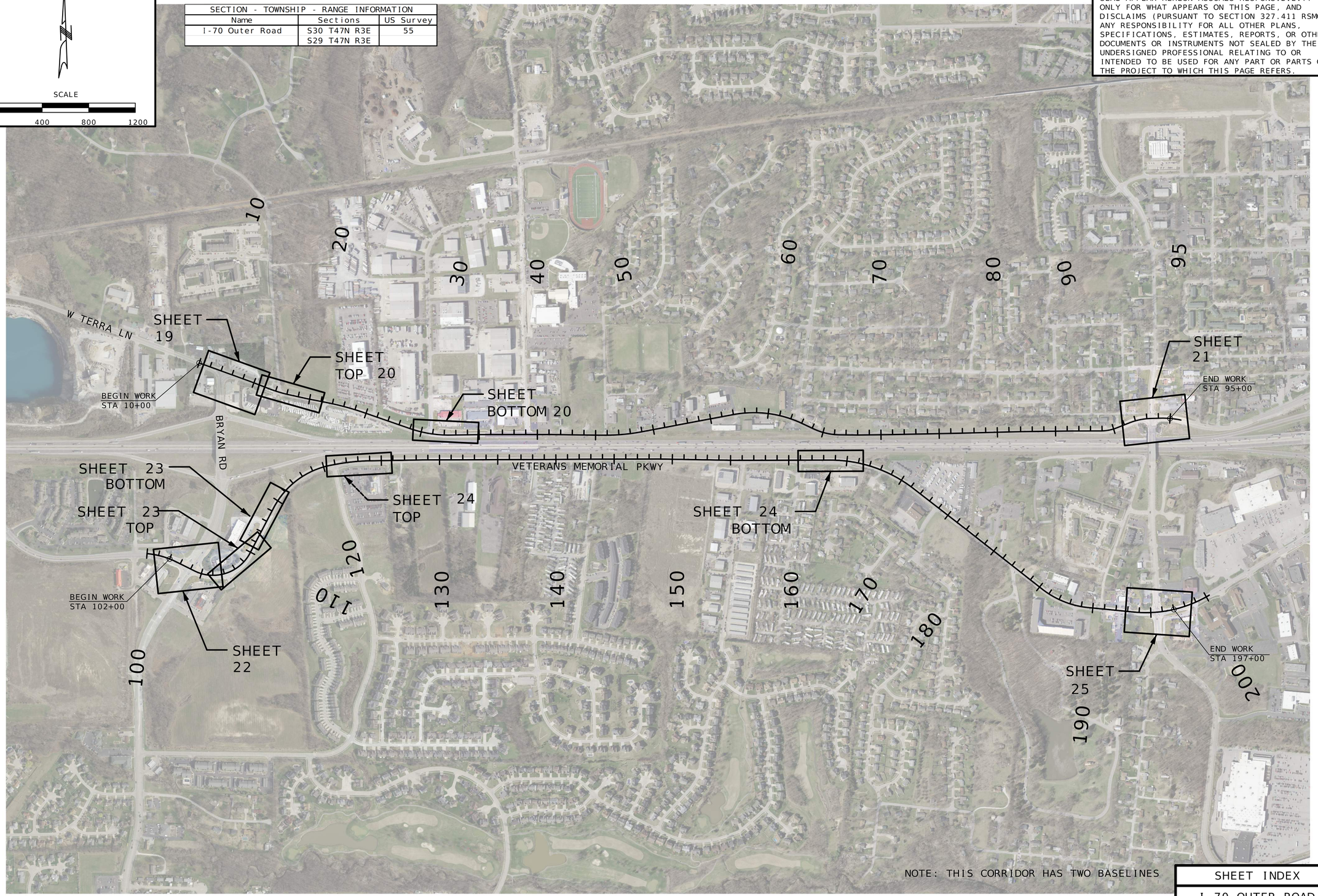
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-10_PP_J6P3510E_120.dgn 10:59:02 AM 8/4/2026

SCALE

0 400 800 1200

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
I-70 Outer Road	S30 T47N R3E	55
	S29 T47N R3E	



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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SHEET INDEX

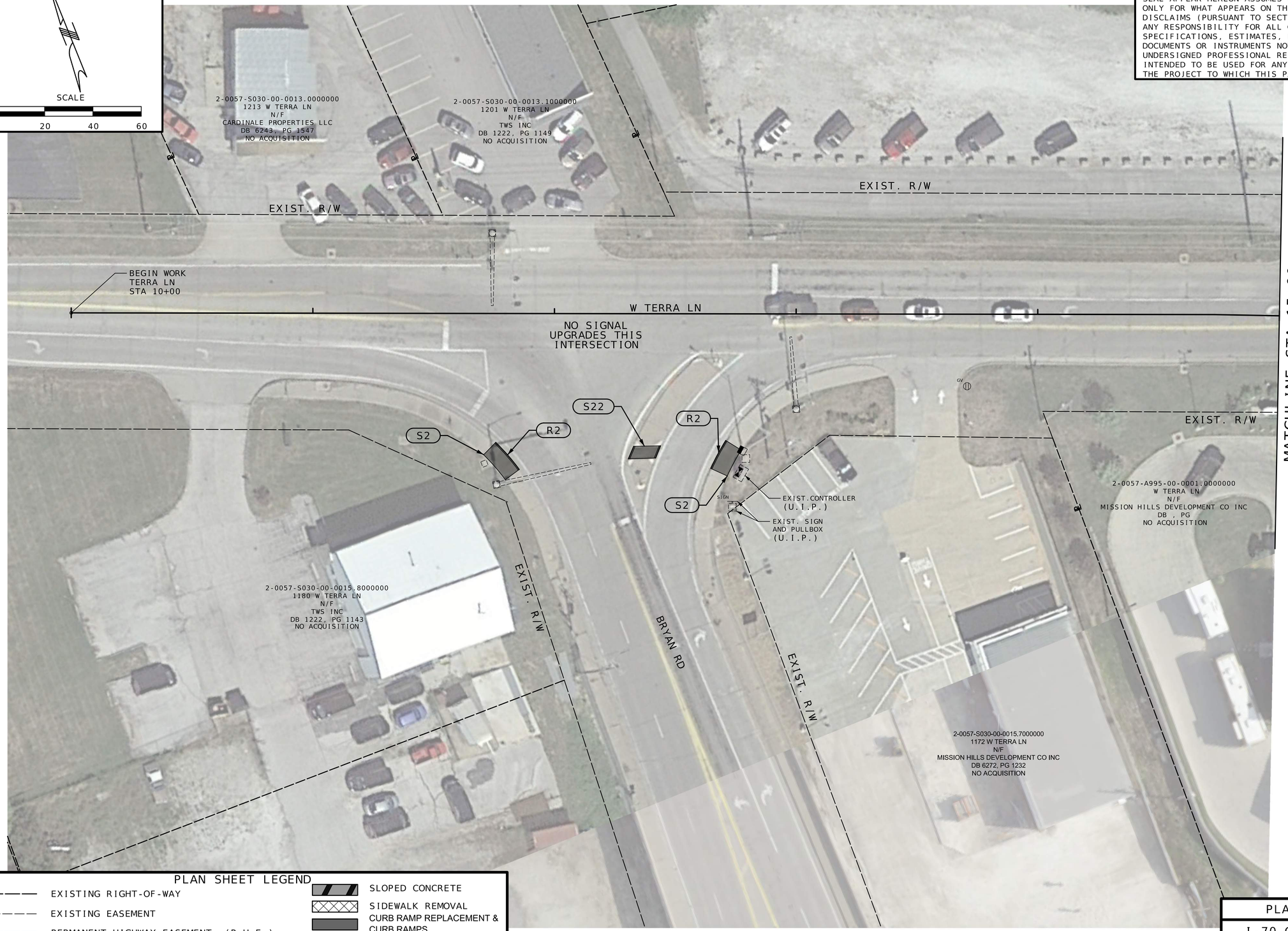
I-70 OUTER ROAD
SHEET 1 OF 8

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-01_IN_J6P3510E_I100.dgn 10:59:09 AM 8/4/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-70 OUTER ROAD
SHEET 2 OF 8

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	
8/4/2026	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-02_PP_J6P3510E_I20.dgn 11:00:08 AM 8/4/2026

SCALE
0 20 40 60

2-0057-S030-00-0012.0000000
1153 W TERRA LN
N/F
GENTEMAN MAURICE J REVOC TRUST
DOC# 2024R-084242
NO AQUISITION

2-0057-S030-00-0009.0000000
W TERRA LN
N/F
GRELLE MARGARET M REVOC TRUST*NOSSER CLYDE*NOSSER
MELINDA JOINT REVOC TRUST*GRELLE KEVIN R
DB 6954, PG 1301
NO AQUISITION

EXIST. R/W
EXIST. R/W
GENTEMEN RD
EXIST. R/W
EXIST. R/W
20
MATCHLINE STA 15+00
W TERRA LN
5'-0"
C5
EXIST. R/W
EXIST. R/W
2-0057-A995-00-0001.0000000
W TERRA LN
N/F
MISSION HILLS DEVELOPMENT CO INC
DB , PG
NO AQUISITION
2-0057-S030-00-0016.0000000
1080 W TERRA LN
N/F
MISSION HILLS DEVELOPMENT CO INC
DB 6007, PG 2424
NO AQUISITION

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

2-0057-9569-00-0001.0000000
1 N CENTRAL DR
N/F
L PINE PROPERTIES LLC
DB 6679, PG 290
NO AQUISITION
30
EXIST. R/W
N CENTRAL DR
2-0057-7452-00-019B.0000000
987 W TERRA LN
N/F
TRISHA LLC
DB 5859, PG 1393
NO AQUISITION
EXIST. R/W
2-0057-9338-00-025B.0000000
971 W TERRA LN
N/F
975 WEST TERRA LANE LLC
DB 6859, PG 1435
NO AQUISITION
EXIST. SIGN
(U.I.P.)
C6
R1
5'-0"
W TERRA LN
WB I-70

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
VARIOUS
JOB NO.
J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

DESCRIPTION	DATE

REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

PLAN SHEET
I-70 OUTER ROAD
SHEET 3 OF 8

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-03_PP_J6P3510E_I20.dgn 11:00:14 AM 8/4/2026

SCALE

0 20 40 60

2-057A-4476-02-0009.1000000
614 OFALLON AVE
N/F
BUSH SHIRLEY
DB 706, PG 1816
NO ACQUISITION

2-057A-4476-02-0009.0000000
616 OFALLON AVE
N/F
BUSH SHIRLEY
DB 1117, PG 1114
NO ACQUISITION

2-057A-4476-02-0008.0000000
618 OFALLON AVE
N/F
LAGARCE DOUGLAS J
DB 5808, PG 616
NO ACQUISITION

EXIST. R/W

EXIST. R/W

WOODLAWN AVE

EXIST. R/W

2-057A-S029-00-0124.0000000
608 WOODLAWN AVE
N/F
KILFOY AYSE
DB 2462, PG 1862
NO ACQUISITION

2-057A-S029-00-0126.0000000
610 WOODLAWN AVE
N/F
JARA MARTHA
DB 2206, PG 1413
NO ACQUISITION

2-057A-S029-00-0129.0000000
421 W TERRA LN
N/F
HILL DENNIS J*HILL
CHRISTINE KOENIG
DB 4473, PG 1041
NO ACQUISITION

EXIST. R/W

EXIST. R/W

R2

5'-0"

24" STOP BAR

C4

CONTINENTAL
CROSSWALK

EXIST POWER POLE
(U.I.P.)

EXIST. PULLBOX
(A.T.G.)

C5

EXIST. MAST ARM
(U.I.P.)

SEE SIGNAL PLAN
SHEET 128
FOR SIGNAL UPGRADES

EXIST. SIGNAL EQUIPMENTS
(U.I.P.)

END WORK
TERRA LN
STA 95+00

W TERRA LN

CONTINENTAL
CROSSWALK

ADD TRUNCATED DOME

R4

WB I-70

gle Earth

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	21

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

I-70 OUTER ROAD
SHEET 4 OF 8

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-04_PP_J6P3510E_I20.dgn 11:00:21 AM 8/4/2026

SCALE
0 20 40 60

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

VETERANS MEMORIAL PKWY

2-0057-A688-00-0002.0000000
9701 VETERANS MEMORIAL PKWY
N/F
WENDYS PROPERTIES LLC
DB 6439, PG 826
NO ACQUISITION

EXIST. R/W

BEGIN WORK
VETERANS MEMORIAL
STA 102+00

EXIST. PULLBOX
(U.I.P.)

EXIST. PULLBOX
(U.I.P.)

EXIST. SIGN
(U.I.P.)

8'-0"

S2

EXIST. PULL BOX
(U.I.P.)

EXIST. LIGHT POLE
(U.I.P.)

CONTINENTAL
CROSSWALK

BRYAN RD

6'-0"

S2

R1

EXIST. SIGN
(U.I.P.)

R1

EXIST. SIGNAL
EQUIPMENTS
(U.I.P.)

2-0057-A731-00-0003.0000000
9695 VETERANS MEMORIAL PKWY
N/F
BRYAN AND VETERANS ROAD LLC
DB , PG
NO ACQUISITION

EXIST. R/W

CONTINENTAL
CROSSWALK

2-0057-C474-00-000A.0000000
955 BRYAN RD
N/F
HURD ST LOUIS LLC
DB , PG
NO ACQUISITION

EXIST. R/W

SEE SIGNAL PLAN
SHEET 131
FOR SIGNAL UPGRADES

CONTINENTAL
CROSSWALK

EXIST.
SIGN
(U.I.P.)

8'-0"

S2-A

R1

EXIST. PULLBOX
(A.T.G.)

R1

6'-0"

EXIST. PULLBOX
(U.I.P.)

EXIST. PULLBOXES
(U.I.P.)

S2-A

S2-A

R1

S2-A

6'-6"

EXIST. R/W

REPLACE WITH CONCRETE
TO MATCH EXISTING SIDEWALK

PP

EXIST. UTILITY POLE
(U.I.P.)

2-0057-A206-00-0001.0000000
906 BRYAN RD
N/F
LAND WEST #7 LLC
DB 5403, PG 25
NO ACQUISITION

MATCHLINE STA 106+50

Google Earth

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET
I-70 OUTER ROAD
SHEET 5 OF 8

EMMA C. WOODS
NUMBER
PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
VARIOUS

JOB NO.
J6P3510E

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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

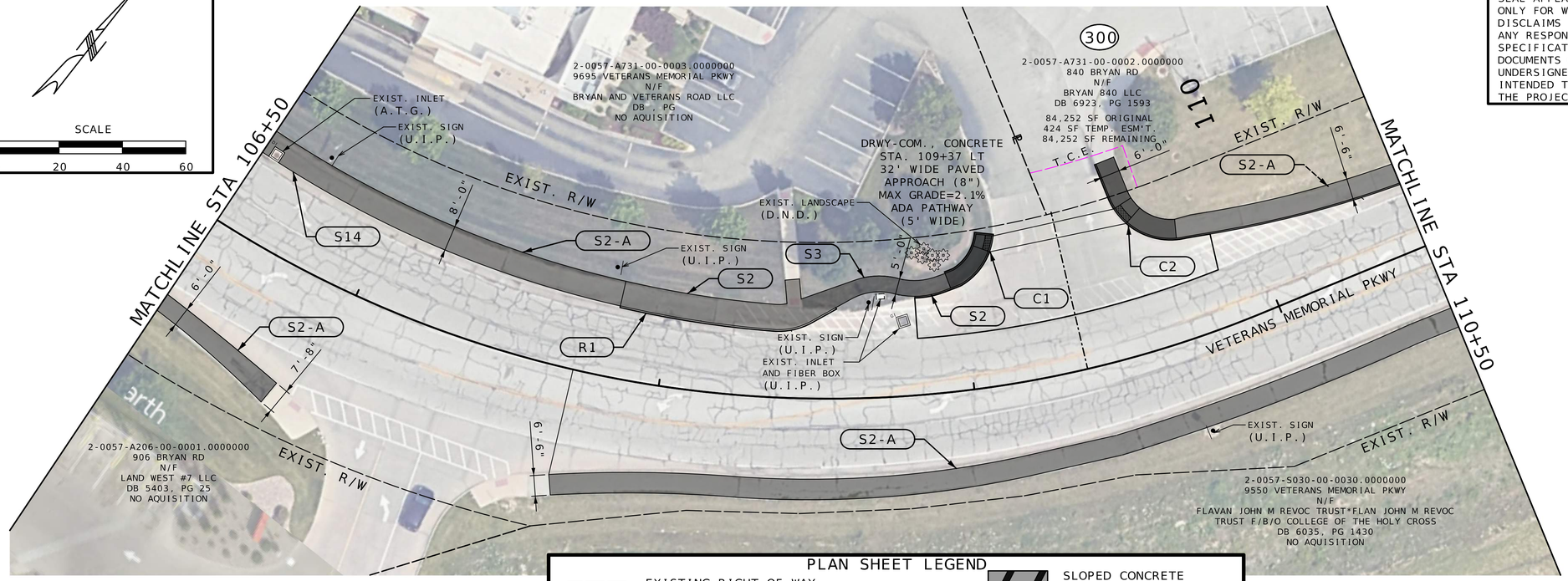
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-05_PP_J6P3510E_I20.dgn 11:00:26 AM 8/4/2026

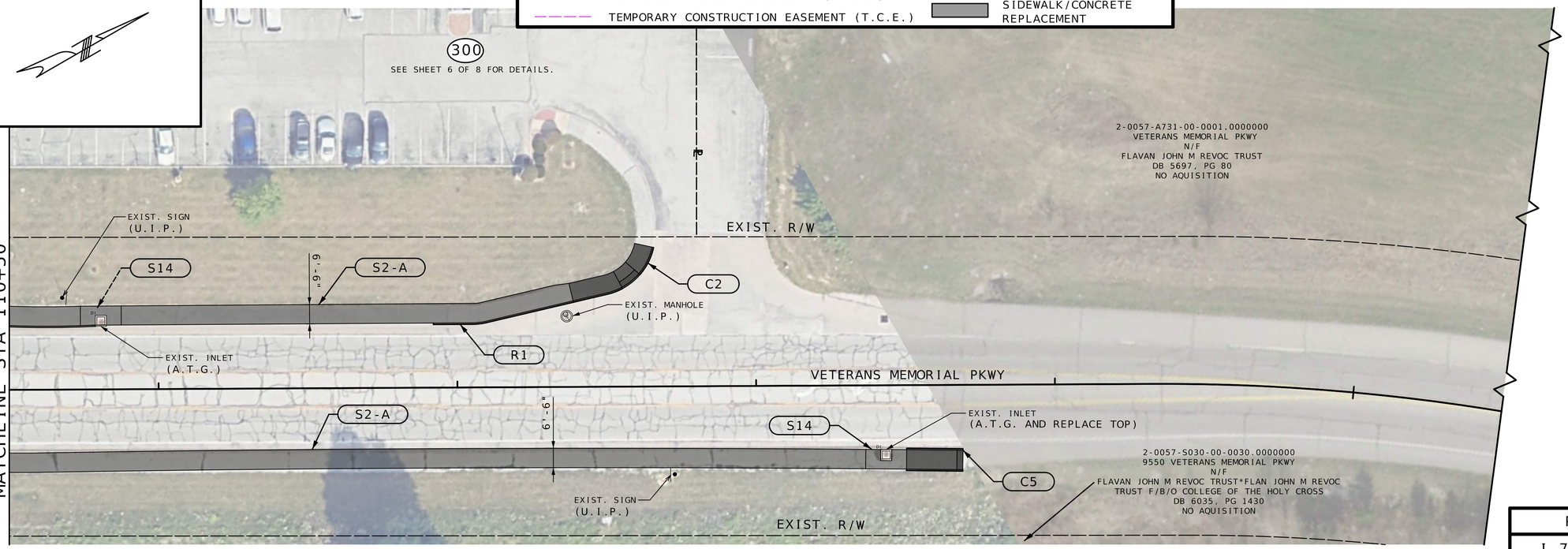
SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT



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

STATE OF MISSOURI * PROFESSIONAL ENGINEER *
EMMA C. WOODS
NUMBER PE-2024003794
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 23
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

PLAN SHEET

I-70 OUTER ROAD
SHEET 6 OF 8

SCALE

0 20 40 60

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	24

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

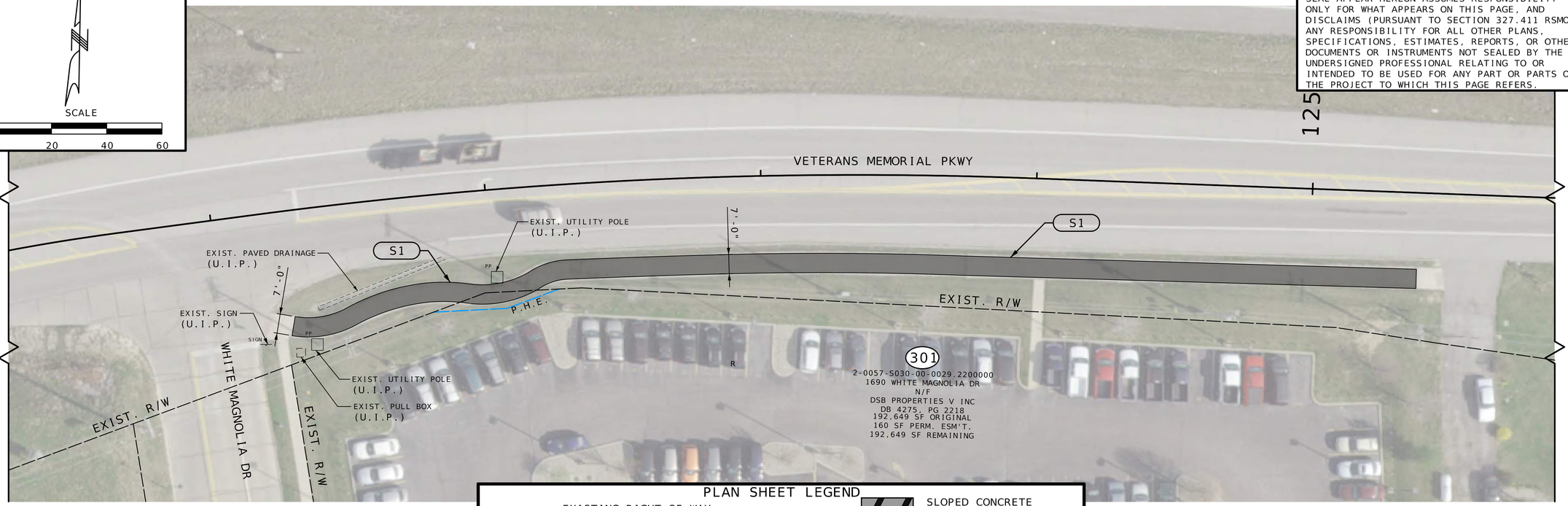
BRIDGE NO.:

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

DESCRIPTION

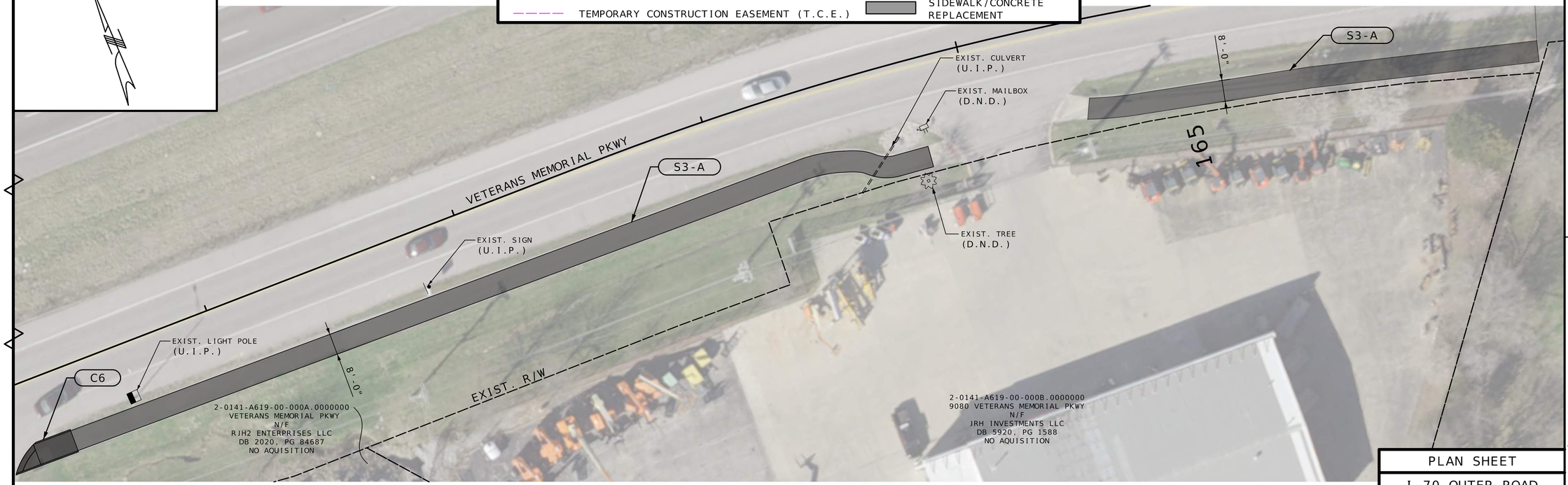
DATE

REV.



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT



PLAN SHEET

I-70 OUTER ROAD
SHEET 7 OF 8

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

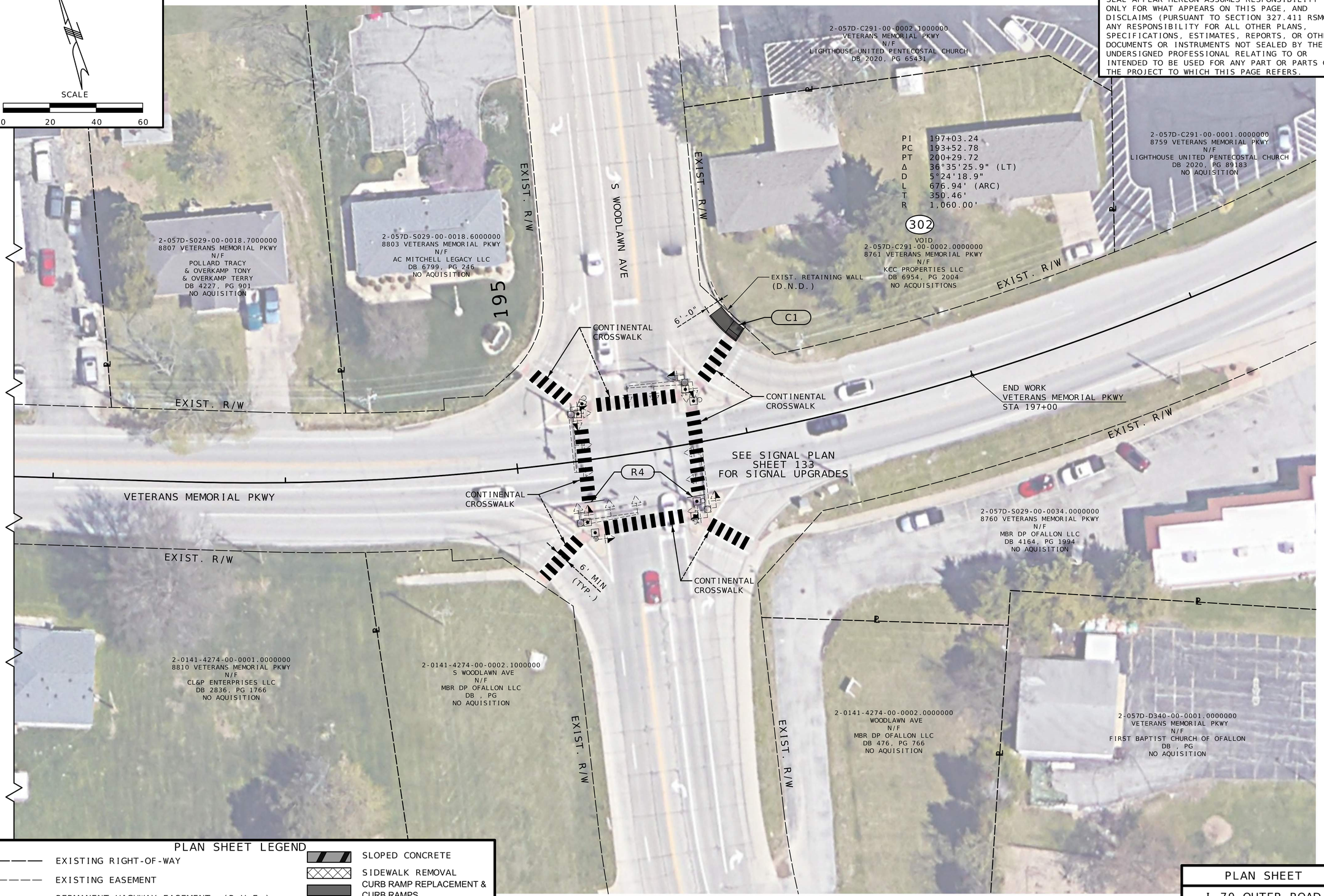
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-07_PP_J6P3510E_I20.dgn 11:00:38 AM 8/4/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	25

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET

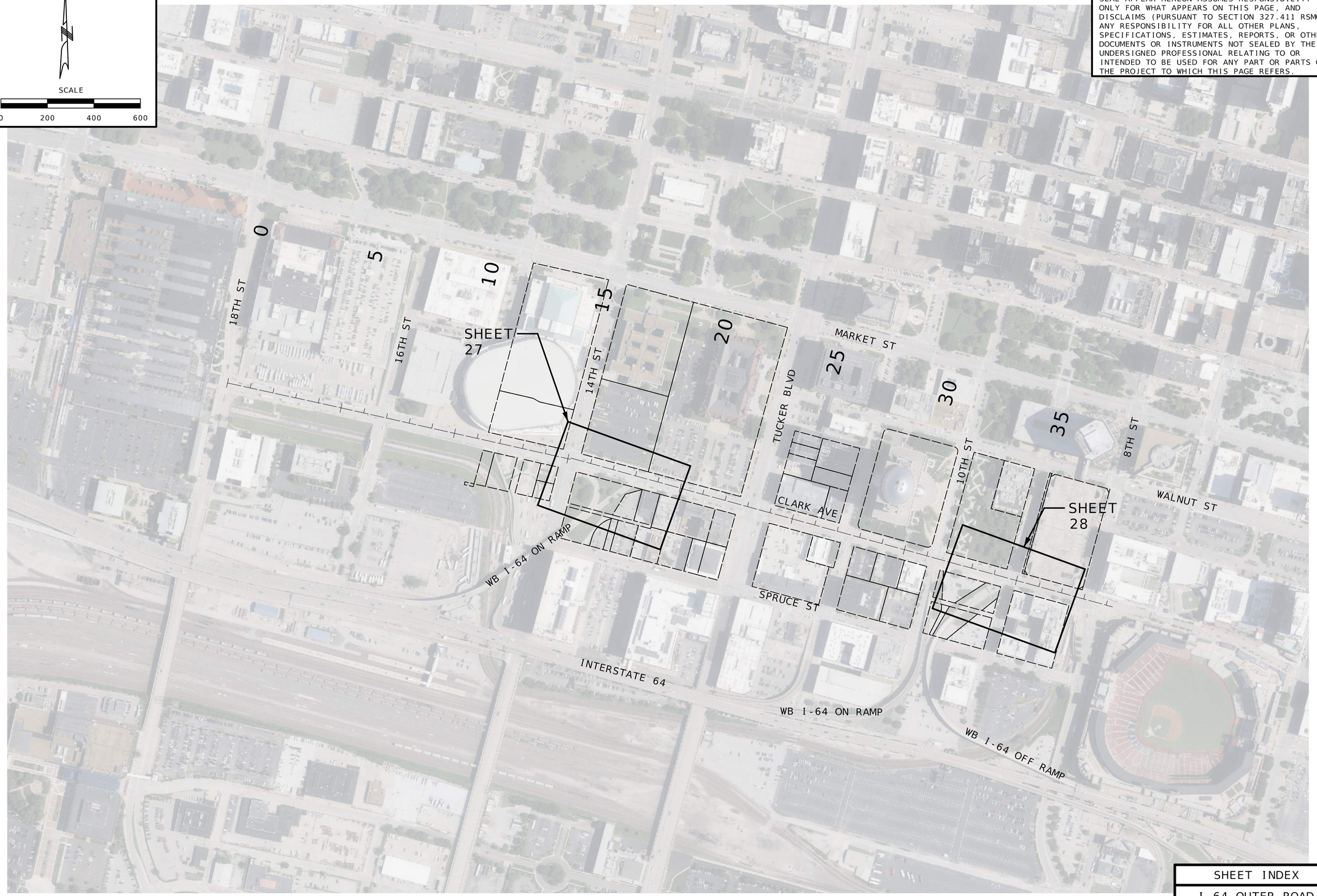
I-70 OUTER ROAD
SHEET 8 OF 8

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-08_PP_J6P3510E_I20.dgn 11:00:43 AM 8/4/2026

SCALE

0 200 400 600



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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	26

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

EDSI
ENGINEERING DESIGN SOURCE, INC.

16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SHEET INDEX

I-64 OUTER ROAD
SHEET 1 OF 3

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\101-01_IN_J6P3510E_I200.dgn 11:01:35 AM 8/4/2026

SCALE

0 20 40 60

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

EXIST. R/W

EXIST. R/W

15

POT STA 15+11.60

CLARK AVE

EXIST. R/W

EXIST. R/W

BEGIN WORK
CLARK AVE
STA 15+25

C6

EXIST. LIGHT
(U.I.P.)

EXIST. R/W

R2

14TH ST

EXIST. LIGHT
(U.I.P.)

C6

EXIST. SIGN
(U.I.P.)

02170000400
303 - 303 S 14TH ST
NF
UNITED STATES POSTAL SERVICE
Date 7/31/2003, Daily 427

02160000100
1304 - 1308 CLARK AV
NF
STATE OF MO
Date , Daily 0

02160000500
1304 - 1308 CLARK AV
NF
3PSTL LLC
Date 8/17/2001, Daily 186

02160000700
1300 - 1300 CLARK AV
NF
CITY OF ST LOUIS MORGUE
Date , Daily 0

K AV
AGENCY
ly 131

02170000500
311 - 311 S 14TH ST
NF
BI STATE DEVELOPMENT AGENCY
Date 8/16/1996, Daily 31

EXIST. R/W

EXIST. R/W

WB I-64 ON RAMP

CE ST

ily 188

1225

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-64 OUTER ROAD
SHEET 2 OF 3

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\101-02_PP_J6P3510E_I20.dgn 11:01:52 AM 8/4/2026

SCALE

0 20 40 60

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

EXIST. R/W

EXIST. R/W

35

01880000300
100 - 100 S 9TH ST
NF
CITY OF ST LOUIS
Date 2/3/1996, Daily 19

EXIST. R/W

END WORK
CLARK AVE
STA 35+00

EXIST. R/W

EXIST. R/W

STREET CONCRETE
STA. 34+67 RT
36'-6" WIDE PAVED
APPROACH (8")
MAX GRADE=2.1%
ADA PATHWAY
(10' WIDE)

04260000100
908 - 922 CLARK AV
NF
LCRA
Date 10/15/1992, Daily 66

04260000150
904 - 904 CLARK AV
NF
STATE OF MO
Date , Daily 0

04260000180
311 - 311 S 9TH ST
NF
LCRA
Date 10/15/1992, Daily 66

04260000050
320 - 320 S 10TH ST
NF
STATE OF MO
Date , Daily 0

04250000111
318 - 320 S 9TH ST
NF
811 SPRUCE ST LLC
Date 6/9/2022, Daily 178

EXIST. R/W

EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-64 OUTER ROAD
SHEET 3 OF 3

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	28

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\101-03_PP_J6P3510E_I20.dgn 11:02:02 AM 8/4/2026

SCALE

0 200 400 600



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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	29

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SHEET INDEX

I-70 OUTER ROAD
SHEET 1 OF 2

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\102-01_IN_J6P3510E_I100.dgn 11:02:16 AM 8/4/2026

SCALE
0 20 40 60

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

EB I-70 OFF RAMP
EB INTERSATE 70
WB INTERSATE 70
WB I-70 ON RAMP
EXIST. R/W
EXIST. R/W
24690100100
4621 - 4621 N 11TH ST
NF
STATE OF MISSOURI
Date , Daily 0
24680000100
4823 - 4823 N BROADWAY
NF
STATE OF MISSOURI
Date , Daily 0
NEW DOWELED-ON PEDESTRIAN REFUGE SEE SHEET X FOR DETAILS
S2
POT STA 3+07.59
POT STA 7+06.93
EXIST. R/W
GRAND AVE
SEE SIGNAL SHEET 135 FOR SIGNAL UPGRADES
N56°27'25"E
SEE SIGNAL SHEET 135 FOR SIGNAL UPGRADES
C5
NEW DOWELED-ON PEDESTRIAN REFUGE SEE SHEET X FOR DETAILS
EXIST. R/W
EB I-70 ON RAMP
24460000200
1470 - 1470 E GRAND BLVD
NF
STATE OF MISSOURI
Date , Daily 0
24480000100
4423 - 4423 N BROADWAY
NF
STATE OF MISSOURI
Date , Daily 0
WB I-70 OFF RAMP
EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR
STATE: MO
DISTRICT: SL
SHEET NO.: 30
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

PLAN SHEET
I-70 OUTER ROAD
SHEET 2 OF 2

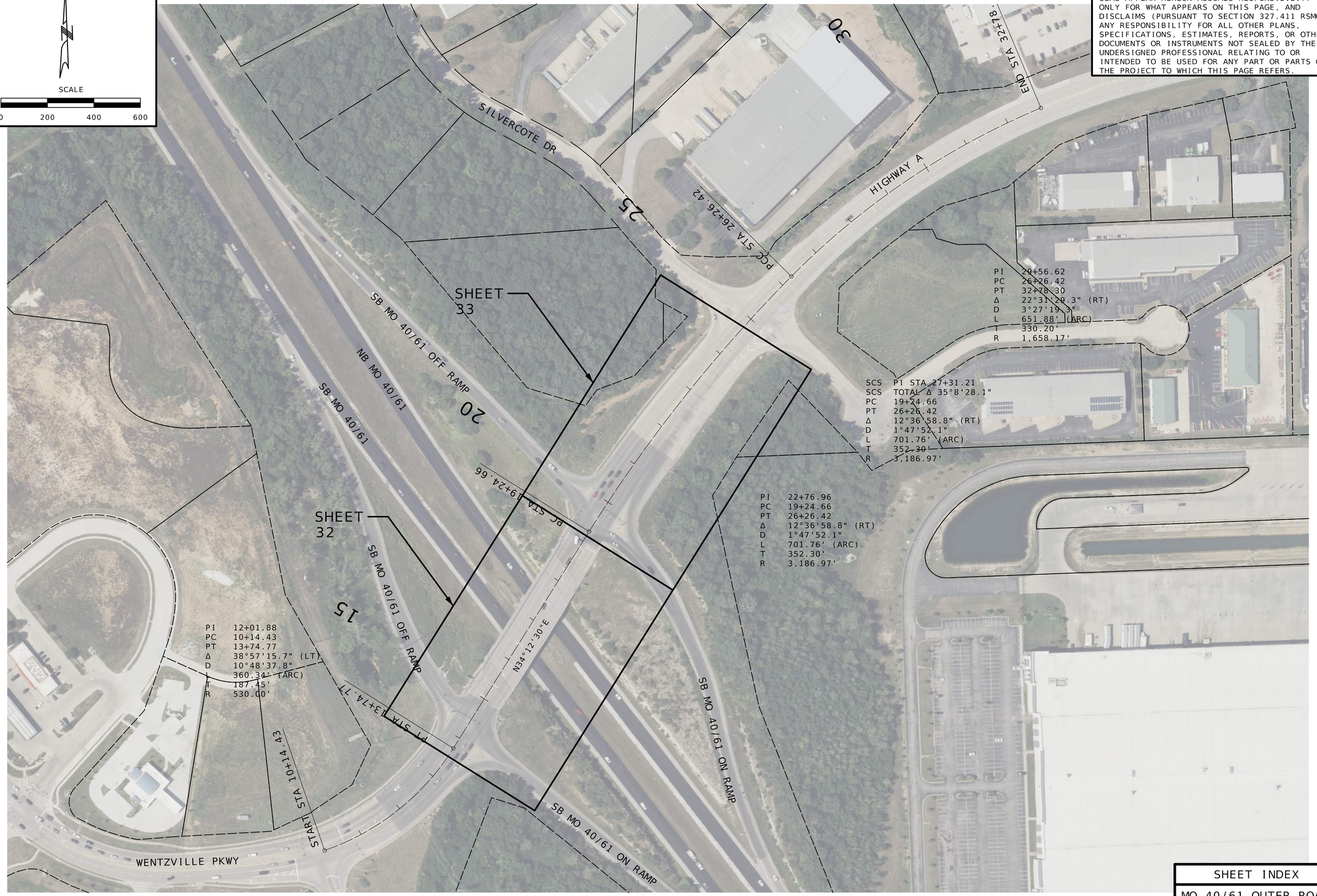
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\102-02_PP_J6P3510E_I20.dgn 11:02:30 AM 8/4/2026

SCALE

0 200 400 600

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



SHEET INDEX

MO 40/61 OUTER ROAD
SHEET 1 OF 3

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 31

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-01_IN_J6P3510E_I200.dgn 11:02:44 AM 8/4/2026

SCALE

0 20 40 60

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

SB MO 40/61 OFF RAMP

SB MO 40/61

NB MO 40/61

EXIST. GUARD RAIL (U.I.P.)

EXIST. PULL BOX (U.I.P.)

C1

C9

EXIST. SIGN (U.I.P.)

15

EXIST. LIGHT (U.I.P.)

S1

R1

C5

EXIST. GUARD RAIL (U.I.P.)

S1

EXIST. GUARD RAIL (U.I.P.)

PT STA 13+74.77

WENTZVILLE PKWY

SEE SIGNAL SHEET 138 FOR SIGNAL UPGRADES

N34°12'30"E

MATCHLINE STA 19+00

SB MO 40/61 ON RAMP

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 40/61 OUTER ROAD
SHEET 2 OF 3

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	32

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DATE	DESCRIPTION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd. Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-02_PP_J6P3510E_120.dgn 11:02:58 AM 8/4/2026

SCALE

0 20 40 60

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

NB MO 40/61 ON RAMP

EXIST. R/W

4-0013-D628-00-0001.0000000
SILVERCOTE DR
NF
MACS CONVENIENCE STORES LLC
DB , PG

EXIST. R/W

EXIST. GUARD RAIL (U.I.P.)

C9

C1

C6

EXIST. GUARD RAIL (U.I.P.)

EXIST. LIGHT (U.I.P.)

EXIST. GUARD RAIL (U.I.P.)

SEE SIGNAL SHEET 141 FOR SIGNAL UPGRADES

NOTE: GRINDING LIMITS AND SLAB REPLACEMENT AS DIRECTED BY ENGINEER.

S1

R4

S1

R4

4-0072-2670-00-0004.6000000
HWY A
NF
BEXTERMILLER FAMILY PARTNERSHIP LP
DB 4255, PG 1846

MATCHLINE STA 19+00

HIGHWAY A

NB MO 40/61 OFF RAMP

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP REPLACEMENT & CURB RAMPS
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 40/61 OUTER ROAD
SHEET 3 OF 3

STATE OF MISSOURI
PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	33

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

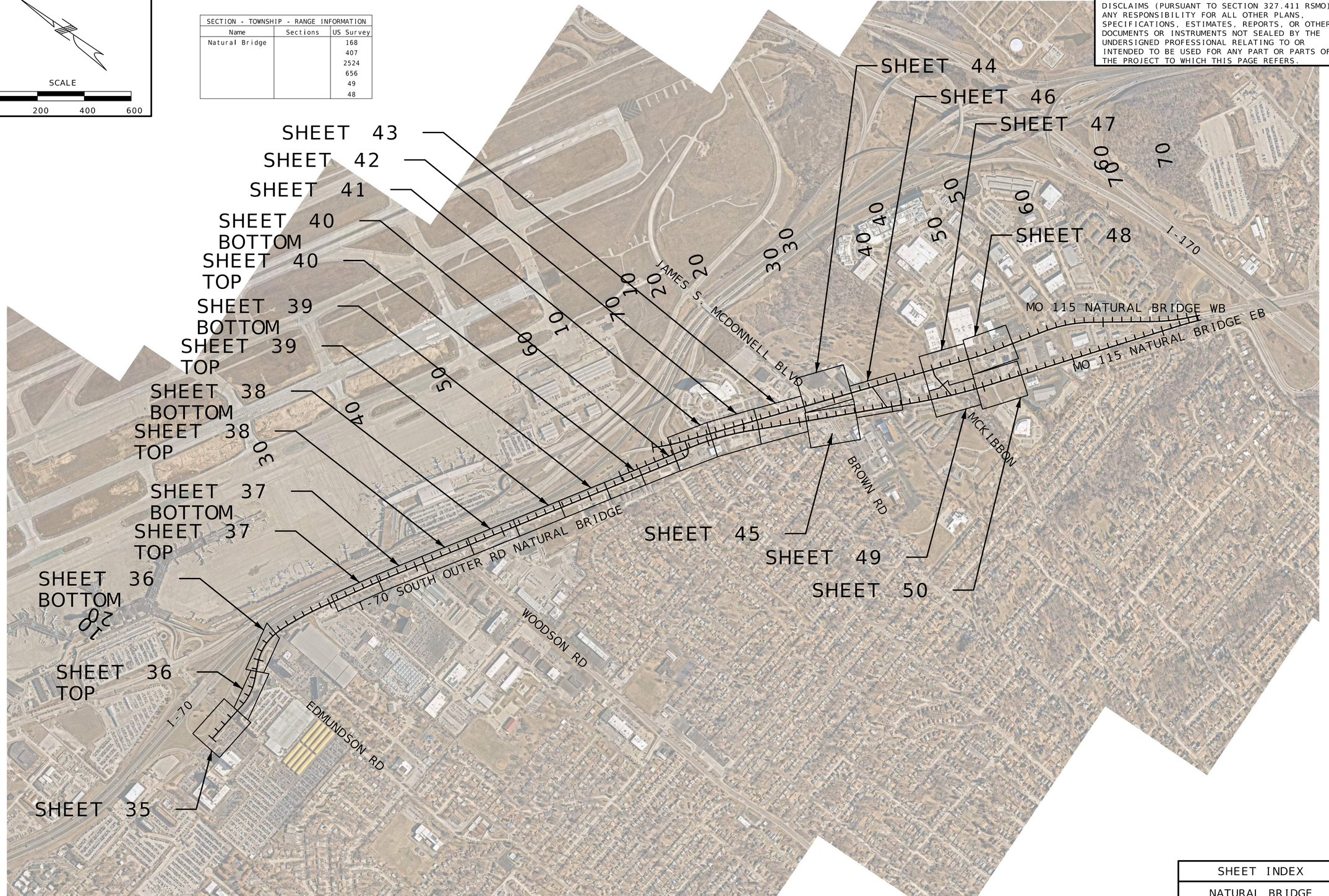
REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-03_PP_J6P3510E_I20.dgn 11:03:09 AM 8/4/2026

SCALE

0 200 400 600

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
Natural Bridge		168
		407
		2524
		656
		49
		48



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:27 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	34

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

SHEET INDEX

NATURAL BRIDGE
SHEET 1 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_IN_J6P3510_01_i500.dgn 8:52:16 AM 7/29/2026

SCALE

0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	35

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

CORRIDOR NOTES:

1. EXISTING RED CONCRETE FACILITIES MARKED FOR RECONSTRUCTION SHALL BE REPLACED WITH MATCHING COLOR. MATCH EXISTING SIDEWALK DECORATIVE JOINT PATTERN.
2. DETECTABLE WARNING SURFACES (TRUNCATED DOMES) SHALL BE YELLOW IN COLOR WHEN PLACED ON RED CONCRETE CURB RAMPS.

START STA 10+00.00

10

I-70 SOR (NATURAL BRIDGE)

BEGIN WORK
I-70 SOR (NATURAL BRIDGE)
STA 13+14

MATCHLINE STA. 14+00.00
I-70 SOUTH OUTER ROAD

AIRFLIGHT DR

R6
C5
R6

EXIST. R/W

EX. MH (UIP)

12L240518
10700 PEAR TREE LN
N/F
SLAM LLC
DB 20810, PG 2499
NO ACQUISITIONS

12L330552
4610 AIRFLIGHT DR
N/F
AIRPORT ACRES INC
NO ACQUISITIONS

AIRFLIGHT DR

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

NATURAL BRIDGE
SHEET 2 OF 17

DATE	DESCRIPTION
.	.

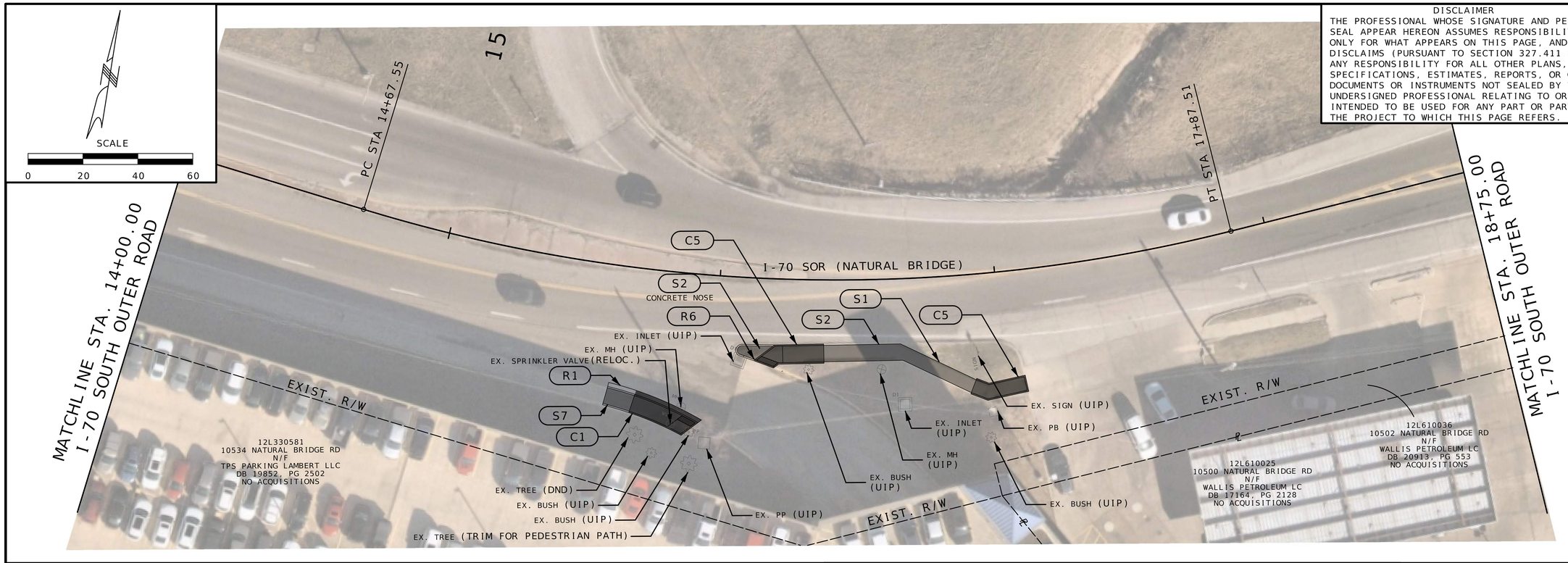
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_01_i20.dgn 8:40:49 AM 7/29/2026



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	36

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

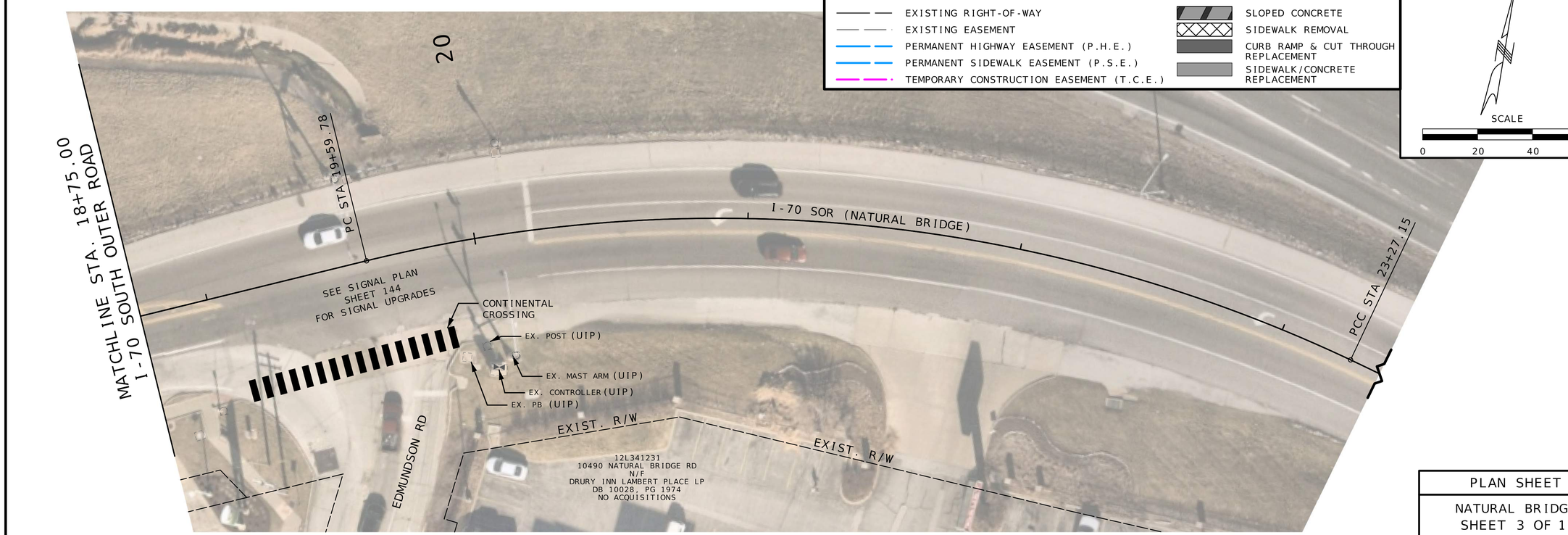
BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT



PLAN SHEET

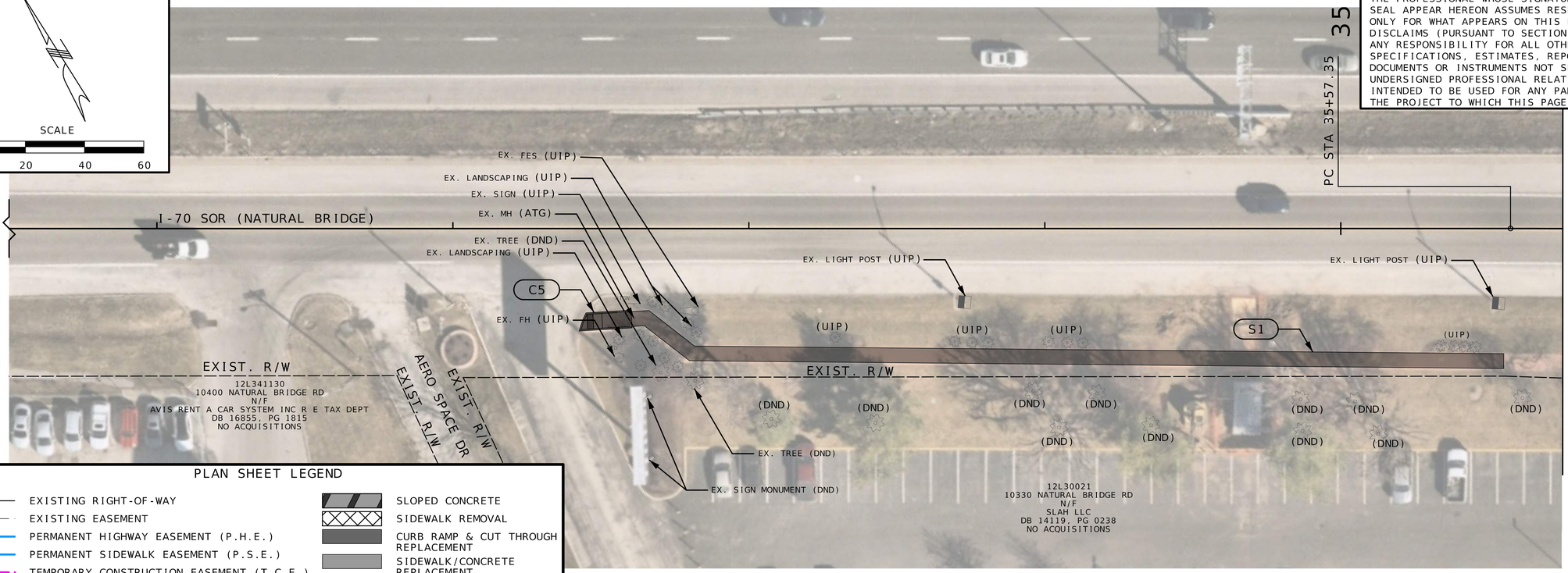
NATURAL BRIDGE
SHEET 3 OF 17

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 20 40 60

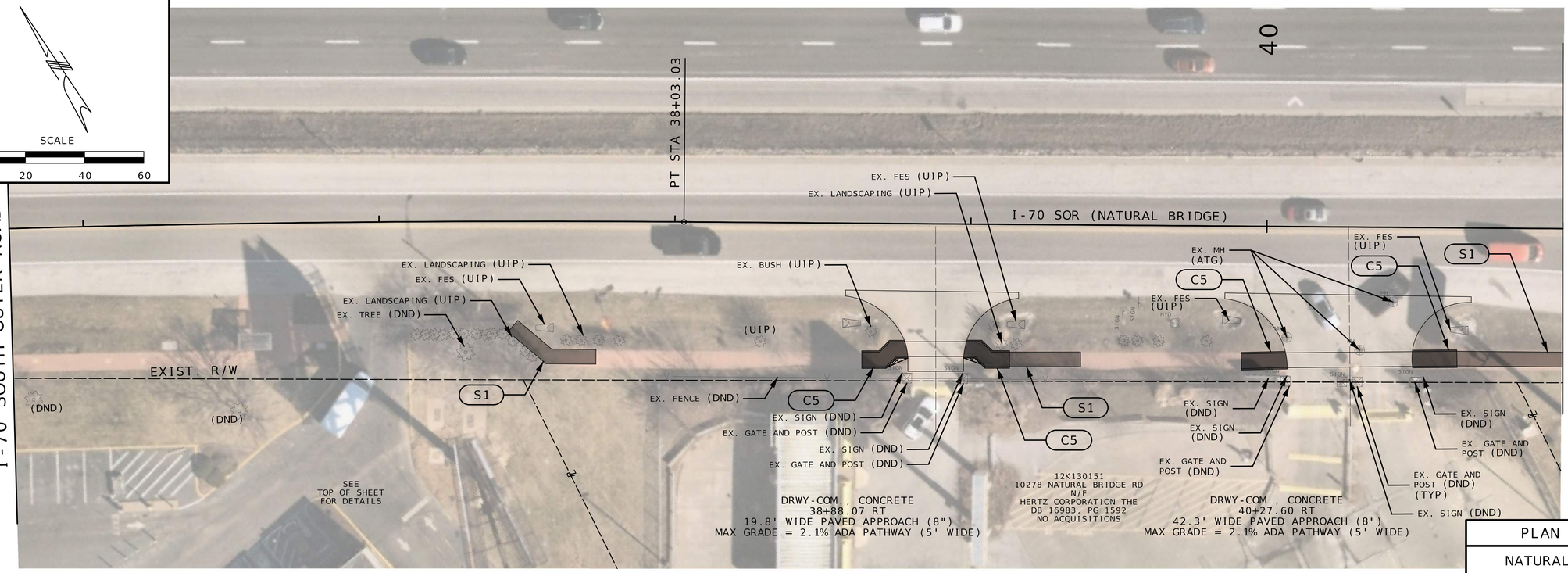


PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

SCALE

0 20 40 60



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	37

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 4 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_03_i20.dgn 8:40:59 AM 7/29/2026

SCALE
0 20 40 60

MATCHLINE STA. 41+00.00
I-70 SOUTH OUTER ROAD

I-70 SOR (NATURAL BRIDGE)

PI STA 45+38.82

45

EX. SIGN (UIP)
EX. TREE (UIP)
(UIP)
C1
C5
S11
S19
EX. FENCE (R&R)
EX. SIGN MAST (UIP)
EX. LIGHT POST (UIP)
EX. INLET (UIP)
S2
EXIST. R/W
EX. LIGHT POST (UIP)
EX. RETAINING WALL (UIP)
EX. RETAINING WALL (DND)
EX. TREES, 3 (DND)
EX. LANDSCAPING (DND)
EX. SIGNS, 5 (UIP)
148
VOID
12K130140
10232 NATURAL BRIDGE RD
N/F
5781 CAMPUS LLC
DOC.#2022080100547
NO ACQUISITIONS
DRWY-COM., CONCRETE
41+73.64 RT
30.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)
WOODSON RD
EXIST. R/W

MATCHLINE STA. 46+25.00
I-70 SOUTH OUTER ROAD

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	38

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

SCALE
0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

MATCHLINE STA. 46+25.00
I-70 SOUTH OUTER ROAD

I-70 SOR (NATURAL BRIDGE)

PI STA 51+13.82

50

DRWY-COM., CONCRETE
47+71.83 RT
30.4' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)
EX. BUS PAD AND SHELTER (UIP)
S19
S2
6 1/2"
5'
11'
4'
C5
SDF-2
S2
R6
S2
C5
C5
7' WIDE
EX. LIGHT POST (UIP)
EX. PP (UIP)
EX. SIGN (UIP)
EX. INLET (ATG)
EX. MH (ATG)
EX. INLET (UIP)
EX. PP (UIP)
EX. SIGN (UIP)
EXIST. R/W
EX. SIGN (DND)
EX. SIGN (DND)
EX. SIGN (DND)
EX. WALL (DND)
12K130012
10194 NATURAL BRIDGE RD
N/F
OUTDOOR SYSTEMS INC OUTFRONT MEDIA
DB 11087, PG 1295
NO ACQUISITIONS
12K130096
10182 NATURAL BRIDGE RD
N/F
JAMES O WEST FAMILY LIMITED PARTNERSHIP
DB 16316, PG 2824
NO ACQUISITIONS
12K110423
4576 WOODSON RD
N/F
MAHANT KRUPA LLC
DB 24516, PG 4085
NO ACQUISITIONS
12K120727
10138 NATURAL BRIDGE RD
JAMES O WEST FAMILY
LIMITED PARTNERSHIP
DB 16316, PG 2824
NO ACQUISITIONS
12K120691
10130 NATURAL BRIDGE RD
N/F
WAMM GROUP LLC
NO ACQUISITIONS
EXIST. R/W

MATCHLINE STA. 51+50.00
I-70 SOUTH OUTER ROAD

PLAN SHEET

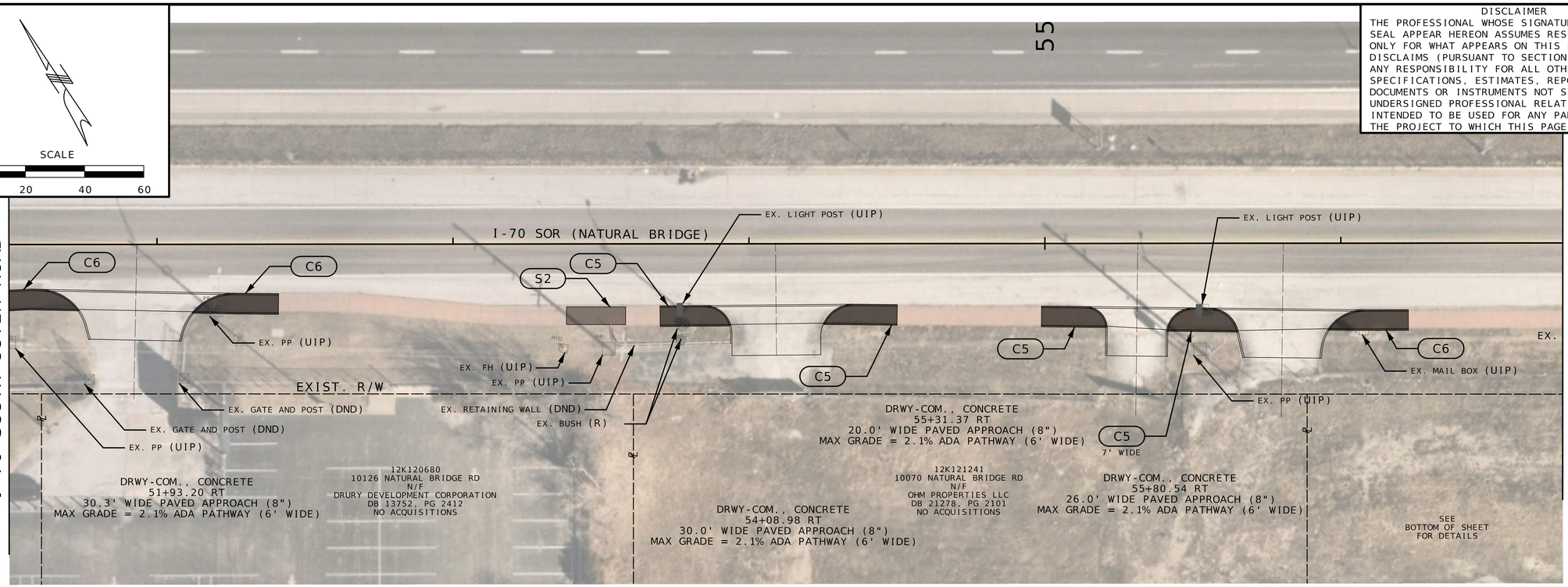
NATURAL BRIDGE
SHEET 5 OF 17

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_04_I20.dgn 8:41:04 AM 7/29/2026

SCALE
0 20 40 60



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	39

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

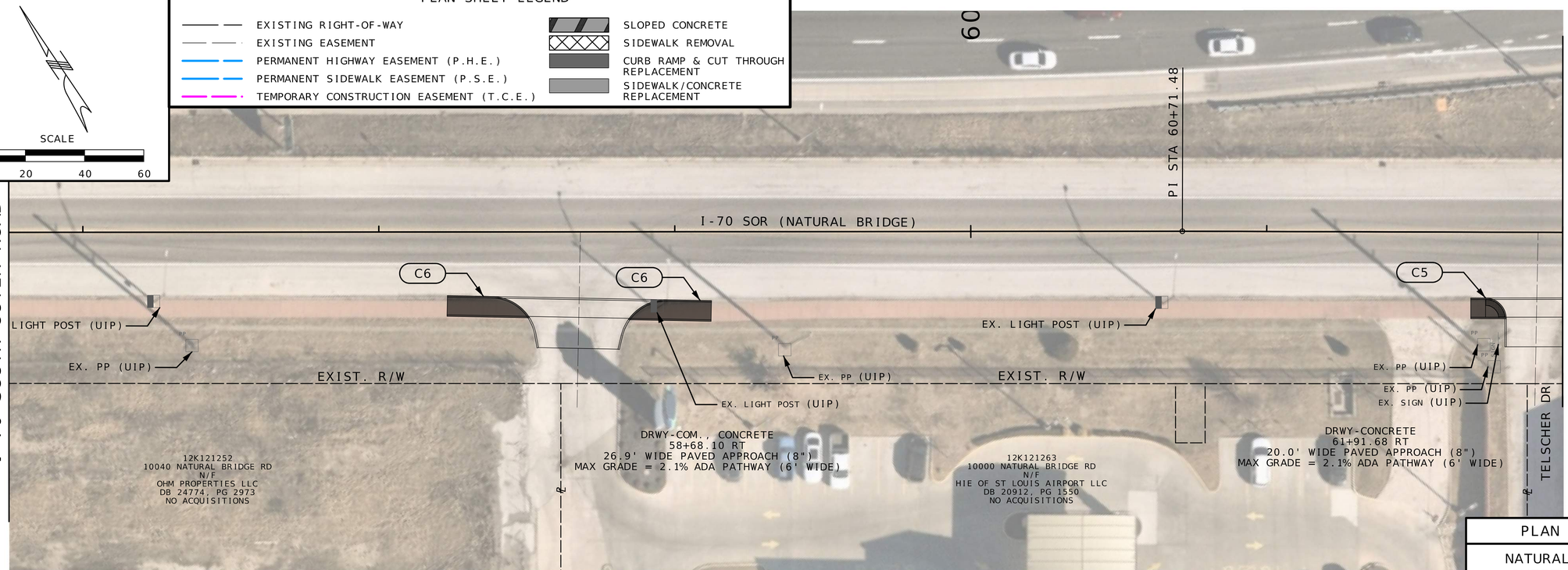
DATE	DESCRIPTION
.	.

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

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

SCALE
0 20 40 60



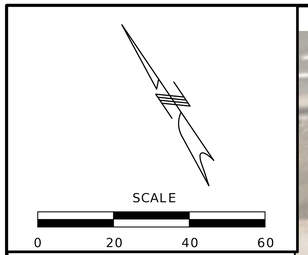
PLAN SHEET

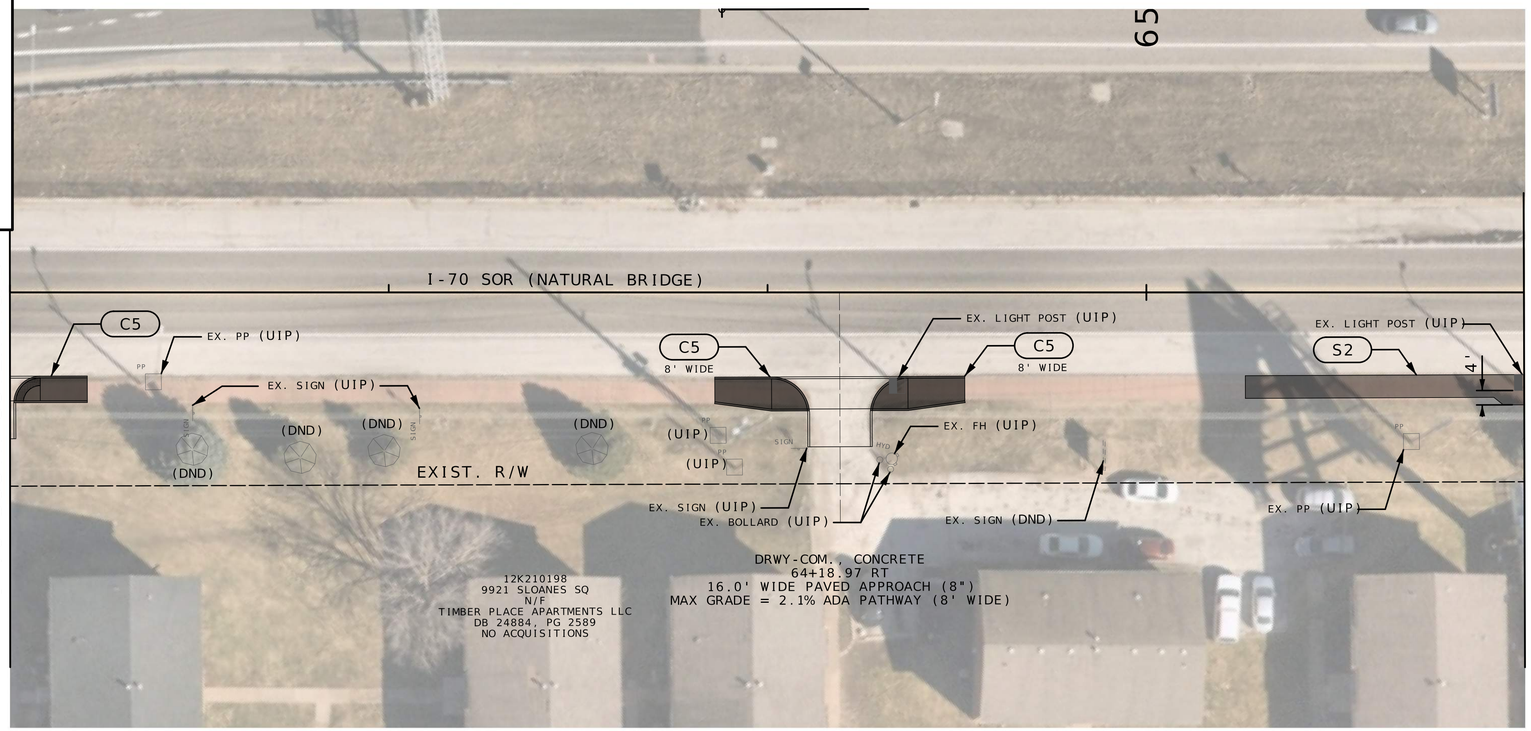
NATURAL BRIDGE
SHEET 6 OF 17

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_05_I20.dgn 8:41:09 AM 7/29/2026





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

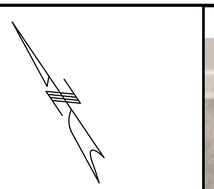
STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED	
7/29/2026	
ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	40
COUNTY	
VARIES	
JOB NO.	
J6P3510E	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

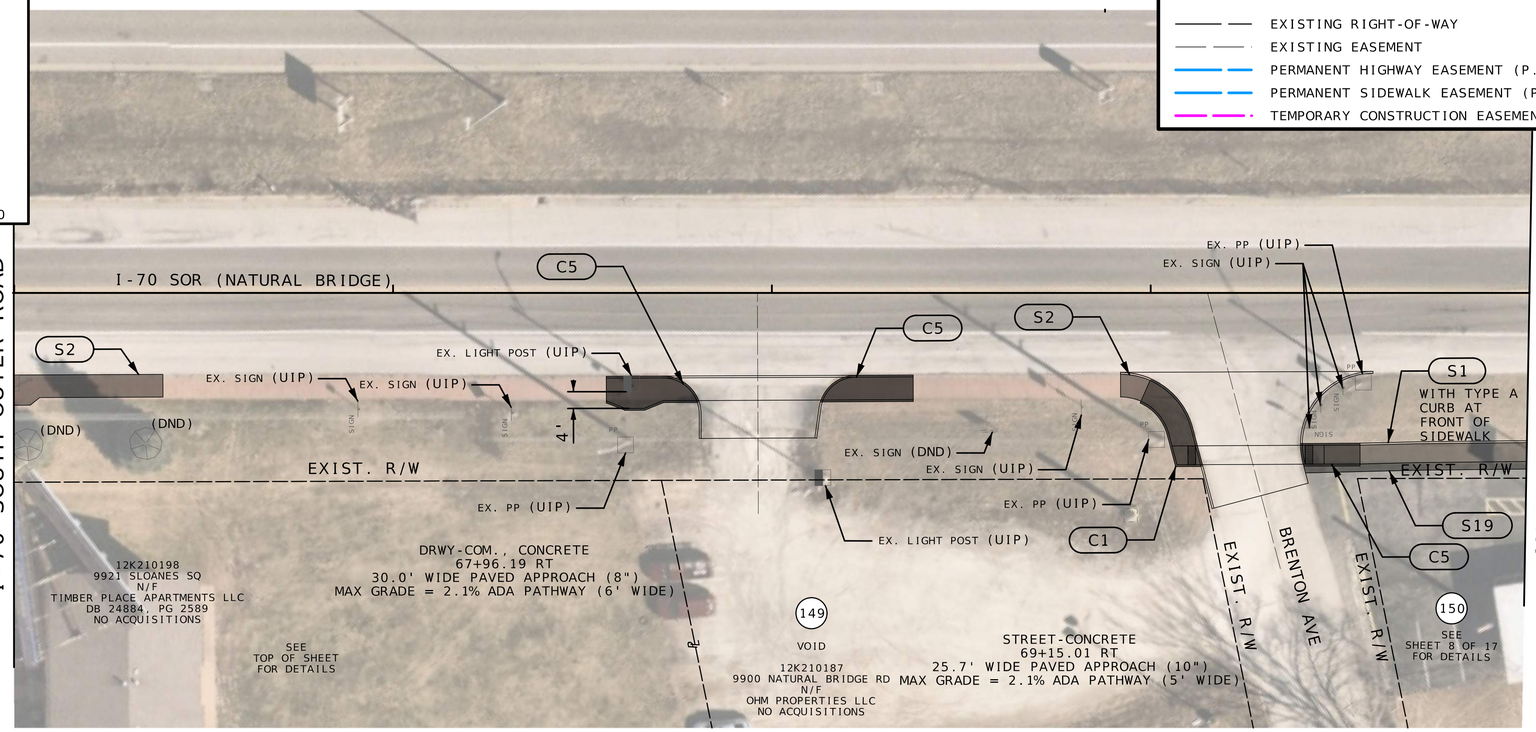
DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT



PLAN SHEET

NATURAL BRIDGE
SHEET 7 OF 17

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_06_I20.dgn 8:41:14 AM 7/29/2026

SCALE

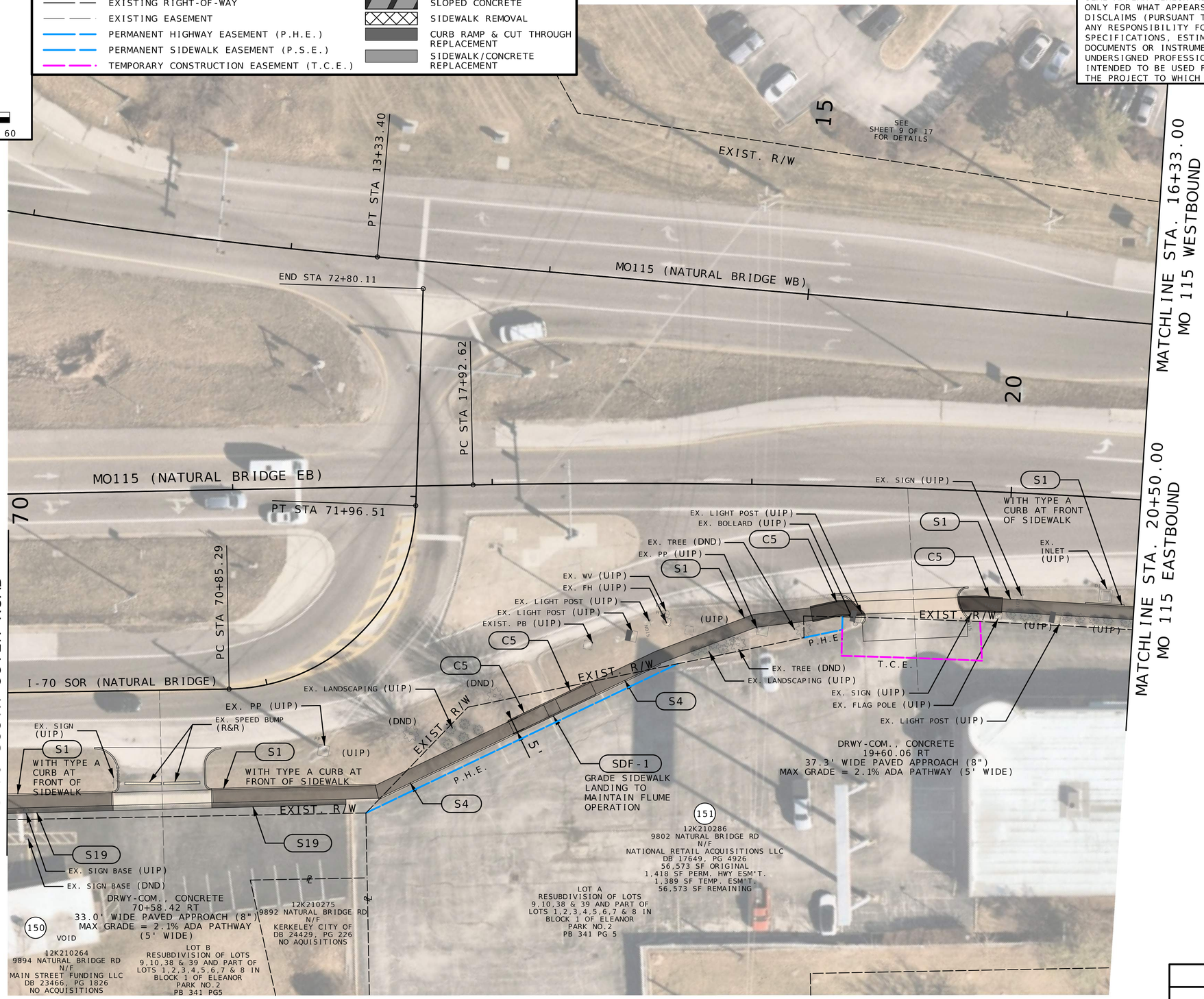
0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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



STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	41

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 8 OF 17

SCALE
0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER
08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	42

COUNTY
VARIES
JOB NO.
J6P3510E
CONTRACT ID.
.
PROJECT NO.
.
BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

MATCHLINE STA. 16+33.00
MO 115 WESTBOUND

MATCHLINE STA. 20+50.00
MO 115 EASTBOUND

MATCHLINE STA. 21+50.00
MO 115 WESTBOUND

MATCHLINE STA. 25+60.00
MO 115 EASTBOUND

12K220175
9801 NATURAL BRIDGE RD
N/F
HOTEL ST LOUIS NATURAL BRIDGE LP
DB 21776, PG 2511
NO ACQUISITIONS

EXIST. R/W

MO115 (NATURAL BRIDGE WB)

MO115 (NATURAL BRIDGE EB)

STREET-CONCRETE
21+81.41 RT
30.5' WIDE PAVED APPROACH (10")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EX. SIGN (UIP)
EX. BUSH (UIP)
EX. GATE POST (UIP)
EX. SIGN (UIP)
EX.UTILITY POLE (UIP)
EX. GATE POST)(UIP)
EX. GATE POST (UIP)
EX. CONCRETE BARRIER(RELOC)
EX. FH (UIP)
EX. PP (UIP)
EX. LIGHT POST (UIP)
EX. TREE (DND)
T.C.E.
PT STA 24+61.95

S1
C5
C6
S4

DRWY-COM., CONCRETE
21+22.54 RT
38.1' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

151
SEE SHEET 8 OF 17 FOR DETAILS

DRWY-COM., CONCRETE
23+67.28 RT
32.7' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

152
VOID
13K531841
9800 NATURAL BRIDGE RD
N/F
ENTERPRISE LEASING COMPANY OF ST LOUIS
DB 12906, PG 1333
NO ACQUISITIONS

DRWY-COM., CONCRETE
22+37.80 RT
32.2' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

SEE SHEET 10 OF 17 FOR DETAILS

PICAJUNE AVE
FAIRFIELD AVE
EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET
NATURAL BRIDGE
SHEET 9 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_08_i20.dgn 8:41:23 AM 7/29/2026

SCALE

0 20 40 60

DISCLAIMER

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

MATCHLINE STA. 21+50.00
MO 115 WESTBOUND

MATCHLINE STA. 25+60.00
MO 115 EASTBOUND

MATCHLINE STA. 26+75.00
MO 115 WESTBOUND

MATCHLINE STA. 30+75.00
MO 115 EASTBOUND

13K540504
9715 NATURAL BRIDGE RD
N/F
GRANITE CITY HOTEL & RESORT LLC
DB 21774, PG 278
NO ACQUISITIONS

SEE SHEET 9 OF 17 FOR DETAILS

DRWY-COM., CONCRETE
4+10.28 LT
29.3' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

DRWY-COM., CONCRETE
25+26.57 LT
30.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

DRWY-COM., CONCRETE
25+97.47 LT
31.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

SEE SHEET 11 OF 17 FOR DETAILS

DRWY-COM., CONCRETE
26+51.62 LT
25.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EXIST. R/W

MO115 (NATURAL BRIDGE WB)

MO115 (NATURAL BRIDGE EB)

EX. SIGN (UIP)

EX. INLET (UIP)

EX. PP (UIP)

EX. CONCRETE BARRIER (RELOC)

C5

C6

S1

S2

DRWY-COM., CONCRETE
26+25.79 RT
30.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EX. BUSH (UIP)

154
13K540683
9708 NATURAL BRIDGE RD
N/F
MACS CONVENIENCE STORES LLC
DB 17940, PG 3357
16,890 SF ORIGINAL
1,828 SF PERM. HWY ESM'T.
1,733 SF TEMP. ESM'T.
16,890 SF REMAINING

T.C.E.

P.H.E.

DRWY-COM., CONCRETE
30+39.14 LT
31.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EX. INLET (ATG)

13K540605
9790 NATURAL BRIDGE RD
N/F
CROWNWAY OIL LLC
DB 23724, PG 4518
NO ACQUISITIONS

BILOXI AVE

13K540375
9732 NATURAL BRIDGE RD
N/F
CHEBUSKE, DAVID M
DB 13736, PG 1336
NO ACQUISITIONS

DRWY-COM., CONCRETE
29+94.07 RT
30.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

SEE SHEET 12 OF 17 FOR DETAILS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	43

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 10 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_09_i20.dgn 8:41:27 AM 7/29/2026

SCALE

0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	44

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

MATCHLINE STA. 26+75.00
MO 115 WESTBOUND

MATCHLINE STA. 32+00.00
MO 115 WESTBOUND

13K540551
4514 JAMES S MCDONNELL BLVD
N/F
M & M REALTY PARTNERS LLC
DB 23332, PG 3425
NO ACQUISITIONS

13K540298
9645 NATURAL BRIDGE RD
N/F
TDN NAGIN LLC
DB 22318, PG 495
NO ACQUISITIONS

13K5404639707 NATURAL BRIDGE RD
N/F
RALJACK LLC
DB 22506, PG 834
NO ACQUISITIONS

13K540342
9651 NATURAL BRIDGE RD
N/F
RALJACK LLC
DB 22450, PG 497
NO ACQUISITIONS

JAMES S MCDONNELL BLVD

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

(UIP) EX. LIGHT POST

EX. SIGN (UIP)

EX. PP (UIP)

EX. FH (UIP)

EX. SIGN (UIP)

C2

C6

C4

C5

C5

S1

EX. SIGNAL POST (UIP)

EX. PB (UIP)

EX. MAST ARM (UIP)

EX. PB (UIP)

CONTINENTAL CROSSING

CONTINENTAL CROSSING

CONTINENTAL CROSSING

EX. LANDSCAPING (DND)

EX. PP (UIP)

EX. LIGHT POST (UIP)

EX. SIGN (UIP)

EX. LIGHT POST (UIP)

EX. PP (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. MAST ARM (UIP)

(UIP)

(UIP)

(UIP)

(UIP)

(UIP)

(UIP)

EX. SIGNAL POST (UIP)

EX. PB (UIP)

EX. SIGNAL POST (UIP)

EX. MAST ARM (UIP)

160
VOID

30

SEE SIGNAL PLAN SHEET 145 FOR SIGNAL UPGRADES

DRWY-COM., CONCRETE
27+84.89 RT
30.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)
MAX GRADE = 2.1%

MO115 (NATURAL BRIDGE WB)

EXIST. R/W

EXIST. R/W

EXIST. R/W

BROWN RD

154
SEE SHEET 10 OF 17 FOR DETAILS

EX. CONCRETE BARRIER (RELOC)

T.C.E.

MATCHLINE SHEET 45
BROWN RD

PLAN SHEET

NATURAL BRIDGE
SHEET 11 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_10_i20.dgn 8:41:32 AM 7/29/2026

MATCHLINE SHEET 44
BROWN RD

MATCHLINE STA. 30+75.00
MO 115 EASTBOUND

MATCHLINE STA. 36+10.00
MO 115 EASTBOUND

154
SEE SHEET 10 OF 17 FOR DETAILS

EX. SIGN (UIP)
EX. SIGN (UIP)
S1
S18
P.H.E.
C5
T.C.E.
EX. CONCRETE BARRIER (RELOC)
S1
P.H.E.
BROWN RD
EX. PB (UIP)
EX. SIGNAL POST (UIP)
EX. PP (UIP)
EXIST. R/W
(ATG)
EXIST. R/W
C5
DRWY-COM., CONCRETE
32+07.69 LT
27.4' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)
CONTINENTAL CROSSING
SEE SIGNAL PLAN SHEET 145 FOR SIGNAL UPGRADES
EX. SIGN (UIP)
C5
S1
EX. SIGN (UIP)
EX. MH (ATG)
EX. LIGHT POST (UIP)
EX. PB (UIP)
EX. PB (UIP)
EX. MAST ARM (UIP)
EXIST. R/W
R6
C5
EX. MH (UIP)
EX. TUBULAR MARKER, 4 (R)
EX. SIGN (DND)
C2
C5
EX. SIGN (UIP)
C5
EX. INLET (ATG)
DRWY-COM., CONCRETE
30+98.37 RT
30.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)
DRWY-COM., CONCRETE
31+66.20 RT
36.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)
153
VOID
13K540562
4451 BROWN RD
N/F
FP2-NATURAL BRIDGE LLC
DB 24142, PG 173
NO ACQUISITIONS
13K540661
9710 NATURAL BRIDGE RD
N/F
DABOUL ENTERPRISE LLC
DB 24104, PG 2794
NO ACQUISITIONS
EXIST. PERM. SIDEWALK ESM'T.
BROWN RD
EXIST. R/W
CONTINENTAL CROSSING
EXIST. R/W
13K540531
9650 NATURAL BRIDGE RD
N/F
LUCKY HOME LLC
DB 24934, PG 1961
NO ACQUISITIONS
35
EXIST. R/W
C1
EX. MAST ARM (UIP)
EX. SIGNAL POST (UIP)
EX. SIGN (UIP)
CONTINENTAL CROSSING
MO115 (NATURAL BRIDGE EB)
EX. SIGNAL POST (UIP)
EX. MAST ARM (UIP)
EX. PB (UIP)
EX. LIGHT POST (UIP)
C5
EXIST. R/W
EX. PP (UIP)
13K520322
9636 NATURAL BRIDGE RD
N/F
PINGREE 2000 REAL ESTATE HOLDINGS LLC
DB 21162, PG 57
NO ACQUISITIONS

SCALE
0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	45

COUNTY
VARIES
JOB NO.
J6P3510E
CONTRACT ID.
.
PROJECT NO.
.
BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET
NATURAL BRIDGE
SHEET 12 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_11_i20.dgn 8:41:37 AM 7/29/2026

MATCHLINE STA. 32+00.00
MO 115 WESTBOUND

MATCHLINE STA. 36+10.00
MO 115 EASTBOUND

13K540254
9641 NATURAL BRIDGE RD
N/F
ALBERTA PROPERTIES 9641 LLC
DB 17188, PG 3108
NO ACQUISITIONS

SEE
SHEET 11 OF 17
FOR DETAILS

13K630168
4522 JAMES MCDONNELL BLVD
N/F
AMAZING GRACE ENTERPRISES LLC
DB 18533, PG 2216
NO ACQUISITIONS

35

5

EXIST. R/W

EX. INLET (UIP)

START STA 5+00.00

MO115 (NATURAL BRIDGE WB)

R6
C4
R6
C5
R6
S2
C5

EX. FH (UIP)

EXIST. R/W

EX. SIGN (DND)

EX. PP (UIP)

EX. INLET
(R&R CURB
INLET TOP)

DRWY-COM., CONCRETE
33+69.16 RT
34.2' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

DRWY-COM., CONCRETE
5+86.11 RT
34.6' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

(UIP)

S2

EX. SIGN (DND)

EX. LIGHT POST (UIP)

C5
5' WIDTH

P.H.E.

EXIST. R/W

MARSHALL AVE

EXIST. R/W

13K540522
9640 NATURAL BRIDGE RD
N/F
STL NNN LLC
NO ACQUISITIONS

C5
5' WIDTH

S2
5' WIDTH

(UIP)

(UIP)

(UIP)

155

13K540513
4401 MARSHALL RD
N/F
SPIRIT S P E PORTFOLIO 2004 6 LLC
DB 16583, PG 1051
18,740 SF ORIGINAL
2,552 SF PERM. HWY ESM'T.
18,740 SF REMAINING

C5
5' WIDTH

EX. SIGN (DND)

S2

EX. SIGN (UIP)

(DND)

(DND)

(DND)

EXIST. R/W

EX. INLET (UIP)

C6

R6

S2

C2

13K520212
9550 NATURAL BRIDGE RD
N/F
DUBINSKY MELVIN TRUSTEE ETAL
DB 21248, PG 2122
NO ACQUISITIONS

40

EX. INLET (UIP)

EXIST. R/W

MO115 (NATURAL BRIDGE EB)

END STA 7+69.11

EXIST. R/W

EXIST. R/W

SCALE

0 20 40 60

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

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:33 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	46

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 13 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_12_i20.dgn 8:41:41 AM 7/29/2026

SCALE

0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	47

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

13K610182
4619 LE BOURGET DR
N/F
FLIGHT SAFETY INTERNATIONAL
TAX ADVSORS GROUP
NO ACQUISITIONS

13K630146
4650 JAMES MCDONNELL BLVD
N/F
AMAZING GRACE ENTERPRISES LLC
DB 18533, PG 2216
NO ACQUISITIONS

13K630168
4522 JAMES MCDONNELL BLVD
N/F
AMAZING GRACE ENTERPRISES LLC
DB 18533, PG 2216
NO ACQUISITIONS

LACLEDE PARK ASSOCIATES
PRIVATE ROAD
NO AQUISITIONS

LE BOURGET DR

SEE SHEET 15 OF 17 FOR DETAILS

EXIST. R/W

EXIST. R/W

EXIST. R/W

40

45

START STA 5+00.00

5

MO115 (NATURAL BRIDGE WB)

MATCHLINE STA. 45+00.00
MO 115 WESTBOUND

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. TREE (DND)

EX. PP (UIP)

EX. PP (UIP)

EX. PP (UIP)

EX. PP (UIP)

S1

C5

S1

C5

C5

PC STA 5+44.56

S8

CONSTRUCT TYPE A CURB BETWEEN ROAD AND SIDEWALK

(UIP)

(DND)

(DND)

(UIP)

T.C.E.

EXIST. R/W

EXIST. R/W

DRWY-COM., CONCRETE
6+01.29 LT
24.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

DRWY-COM., CONCRETE
42+90.46 RT
28.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

157
SEE SHEET 17 OF 17 FOR DETAILS

PT STA 5+98.70

T.C.E.

C5

MCKIBBON

EXIST. R/W

(DND)

S1

(DND)

R6

C5

(DND)

T.C.E.

C5

13K610137
9500 NATURAL BRIDGE RD
N/F
SOUTHWESTERN BELL TELEPHONE COMPANY
PROPERTY TAX DEPT
DB 06472 PG 0800
NO ACQUISITIONS

156
13K610258
9475 NATURAL BRIDGE RD
N/F
CALIBER REDEVELOPMENT LLC
DB 17609, PG 2347
60,620 SF ORIGINAL
89 SF PERM. HWY ESM'T.
1,100 SF TEMP. ESM'T.
60,620 SF REMAINING

DRWY-COM., CONCRETE
6+80.13 LT
23.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

MATCHLINE STA. 7+00.00
MCKIBBON

PLAN SHEET

NATURAL BRIDGE
SHEET 14 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_13_i20.dgn 8:41:45 AM 7/29/2026

SCALE

0 20 40 60

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

13K610148
9451 NATURAL BRIDGE RD
N/F
THERMO FISHER SCIENTIFIC INC
NO ACQUISITIONS

13K610269
9389 NATURAL BRIDGE RD
N/F
MAY INVESTMENTS LLC
DB 17278, PG 0115
NO ACQUISITIONS

MATCHLINE STA. 45+00.00
MO 115 WESTBOUND

PC STA 45+21.44

PT STA 48+04.26

EXIST. R/W

EXIST. R/W

END WORK
MO115 (NATURAL BRIDGE WB)
STA 49+32

MO115 (NATURAL BRIDGE WB)

EX. FH (UIP)

EX. SIGN (UIP)

EX. PEDESTAL (UIP)

EX. SIGN (UIP)

EX. INLET (ATG)

EX. PB (UIP)

EX. PEDESTAL (UIP)

EX. SIGN (UIP)

C5 S1 C5 C5 S1 C5 C5 S1 C5 C6 S1 C5

EXIST. R/W

EXIST. R/W

EX. SIGN BASE (DND)

EX. TREE (DND)

EX. TREE (DND)

EX. TREE (DND)

EX. TREE (DND)

EX. LIGHT POST (UIP)

EX. PB (UIP)

EX. SIGN (DND)

T.C.E.

EX. LIGHT POST (UIP)

EX. LIGHT POST (UIP)

EX. PP (UIP)

EX. PP (UIP)

EX. LIGHT POST (UIP)

DRWY-COM., CONCRETE
48+01.28 RT
29.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

157
SEE SHEET 17 OF 17 FOR DETAILS

158
SEE SHEET 17 OF 17 FOR DETAILS

159
SEE SHEET 17 OF 17 FOR DETAILS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	48

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 15 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_14_I20.dgn 8:41:50 AM 7/29/2026

SCALE

0 20 40 60

MATCHLINE STA. 7+00.00
MCKIBBON

POT STA 7+23.93

EXIST. R/W

MCKIBBON

EXIST. R/W

S1

156
SEE
SHEET 14 OF 17
FOR DETAILS

45

13K610137
9500 NATURAL BRIDGE RD
N/F
SOUTHWESTERN BELL TELEPHONE COMPANY
PROPERTY TAX DEPT
DB 06472, PG 0800
NO ACQUISITIONS

EXIST. R/W

EX. INLET (UIP)

EX. SIGN POST (DND)

S1

EX. SIGN (UIP)

EXIST. R/W

EX. TREE (TRIM TO CLEAR SIDEWALK)

EX. BUSH (R)

EX. SIGN (UIP)

END STA 8+42.74

MO115 (NATURAL BRIDGE EB)

MATCHLINE STA. 49+25.00
MO 115 EASTBOUND

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

MCKIBBON

13K520234
9502 NATURAL BRIDGE RD
N/F
DUBINSKY MELVIN TRUSTEE ETAL
DB 21600, PG 2554
NO ACQUISITIONS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	49

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

NATURAL BRIDGE
SHEET 16 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_15_i20.dgn 8:41:54 AM 7/29/2026

SCALE
0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER
08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DRWY-COM., CONCRETE
49+90.54 LT
34.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

157
13K610115
9454 NATURAL BRIDGE RD
N/F
CALIBER REDEVELOPMENT LLC
DB 17609, PG 2351
55,948 SF ORIGINAL
1,987 SF PERM. HWY ESM'T.
992 SF TEMP. ESM'T.
55,948 SF REMAINING

DRWY-COM., CONCRETE
51+78.77 LT
29.5' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

158
13K610236
9432 NATURAL BRIDGE RD
N/F
MBR BERKELEY NATURAL BRIDGE RD PROPERTY
DB 25300, PG 4028
20,069 SF ORIGINAL
177 SF PERM. HWY ESM'T.
545 SF TEMP. ESM'T.
20,069 SF REMAINING

159
13K610247
9418 NATURAL BRIDGE RD
N/F
LV JTMB LLC
DB 23880, PG 3435
30,899 SF ORIGINAL
668 SF PERM. HWY ESM'T.
399 SF TEMP. ESM'T.
30,899 SF REMAINING

DRWY-COM., CONCRETE
52+43.66 LT
30.2' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EX. PP (UIP)
EX. PP (UIP)
EX. BUSH (UIP)
EX. SIGN BASE (DND)
EX. GATE POST (UIP)
EX. TREE (DND)
EX. TREE (DND)
EX. GATE POST (UIP)
EX. PP (UIP)
EX. INLET (ATG)
EX. TREES (TRIM TO CLEAR SIDEWALK) (ALL)
EX. SIGN POST (DND)
EX. LIGHT POST (UIP)
EX. WALL (DND)
EX. INLET (ATG)
EX. MH (UIP)
EX. LIGHT POST (UIP)
EX. LANDSCAPING (DND)
C5
C6
S1
T.C.E.
P.H.E.
EXIST. R/W
EX. SIGN (UIP)
EX. INLET (UIP)
EX. INLET (ATG)
EX. SIGN (UIP)
EX. INLET (ATG)
END WORK
MO115 (NATURAL BRIDGE EB)
STA 53+75
MO115 (NATURAL BRIDGE EB)
PT STA 50+82.44
50
MATCHLINE STA. 49+25.00
MO 115 EASTBOUND

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET
NATURAL BRIDGE
SHEET 17 OF 17

DATE PREPARED: 7/29/2026
ROUTE: VARIES
STATE: MO
DISTRICT: STL
SHEET NO.: 50
COUNTY: VARIES
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

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

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

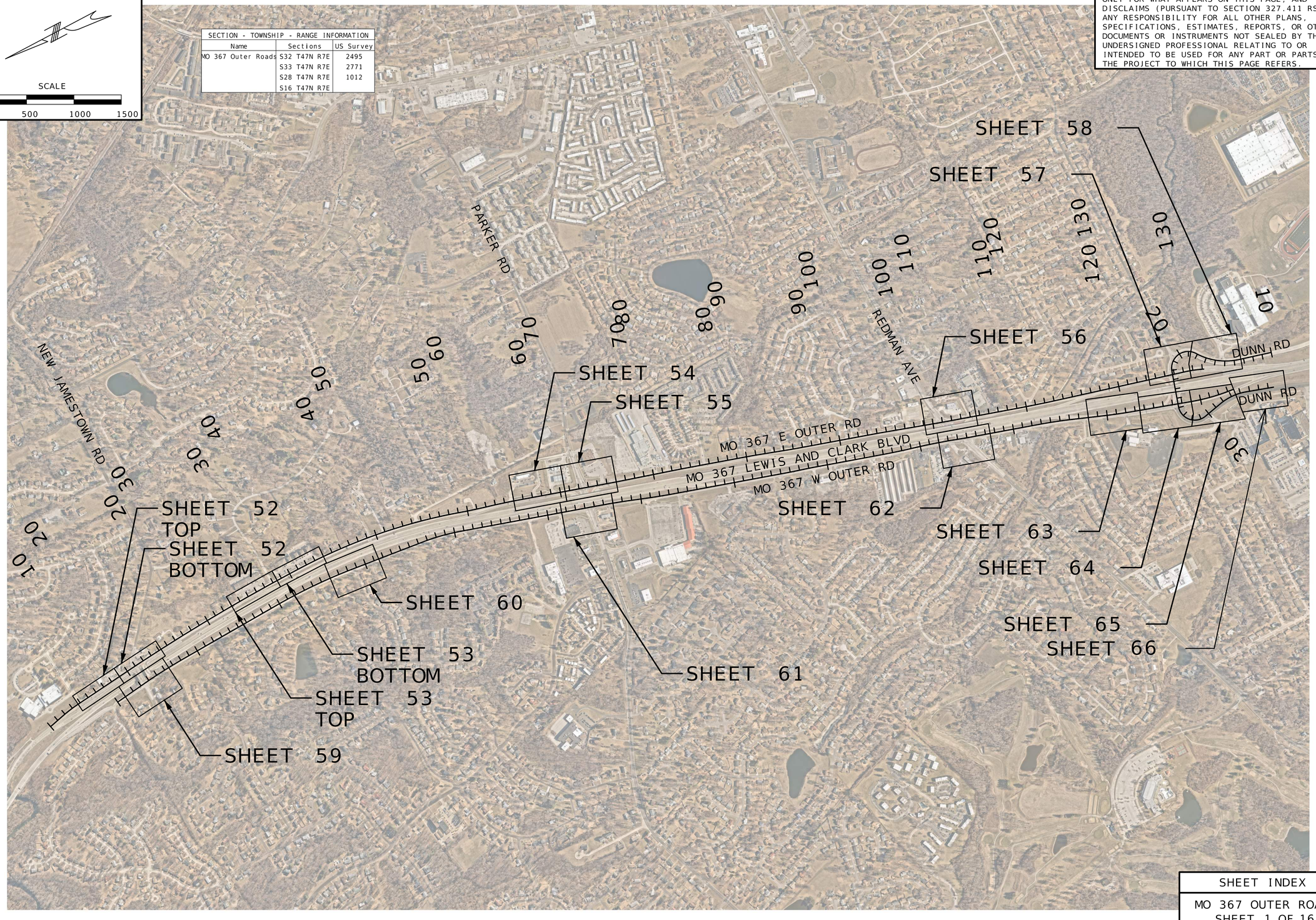
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_PN_J6P3510_16_I20.dgn 8:41:58 AM 7/29/2026

SCALE

0 500 1000 1500

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
MO 367 Outer Roads	S32 T47N R7E	2495
	S33 T47N R7E	2771
	S28 T47N R7E	1012
	S16 T47N R7E	



SHEET INDEX

MO 367 OUTER ROAD
SHEET 1 OF 16

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	51

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_IN_J6P3510_01_i500.dgn 9:30:53 AM 7/29/2026

SCALE
0 20 40 60

07E430179
12612 LUSHER RD
N/F
COUNTRY VILLAGE
PLAT 5 TRUSTEES
DB 06759, PG 1469
NO ACQUISITIONS

250
VOID

07E430070
12610 LUSHER RD
N/F
BARROW JACOB ETAL J/T
DB 23770, PG 935
NO ACQUISITIONS

BOUNDARY ADJUSTMENT SURVEY OF BOUGHTON TRACTS
ADJ PARCEL 2
PB. 207 PG 2

251
07E430713
12606 LUSHER RD
N/F
HUNT, DAKENDRA
15,778 SF ORIGINAL
241 SF TEMP. ESM'T.
15,778 SF REMAINING

252
07E430704
12600 LUSHER RD
N/F
SANSONE KIM M REVOCABLE TRUST
DB 23313, PG 449
29,348 SF ORIGINAL
341 SF TEMP. ESM'T.
29,348 SF REMAINING

BOUNDARY ADJUSTMENT SURVEY OF BOUGHTON TRACTS
ADJ PARCEL 1
PB. 207 PG 2

EX. TREE (DND)
EX. SIGN (UIP)
EX. LANDSCAPING (UIP)
EX. LIGHT POST (UIP)
EX. MAIL BOX (UIP)
EX. RETAINING WALL (UIP)
EX. GAS MARKER (UIP)
EX. CONCRETE BASE (UIP)
EX. PB (UIP)
EX. MARKER (UIP)
EX. BUSH (UIP)
EX. PP (UIP)
EX. FENCE (DND)
EX. INLET (UIP)
EX. LIGHT POST (UIP)

EXIST. R/W
T.C.E.
PT STA 13+78.31
ARROWPOINT DR
MO 367 E OUTER RD (LUSHER RD)
BEGIN WORK
MO 367 E OUTER RD
STA 14+94

S13 C6 C6 C6 S2 C6 C5 C5 C6 S2 C6

DRWY-RES., CONCRETE
16+59.11 LT
11.5' WIDE PAVED APPROACH (7")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

DRWY-COM., CONCRETE
17+48.34 LT
31.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

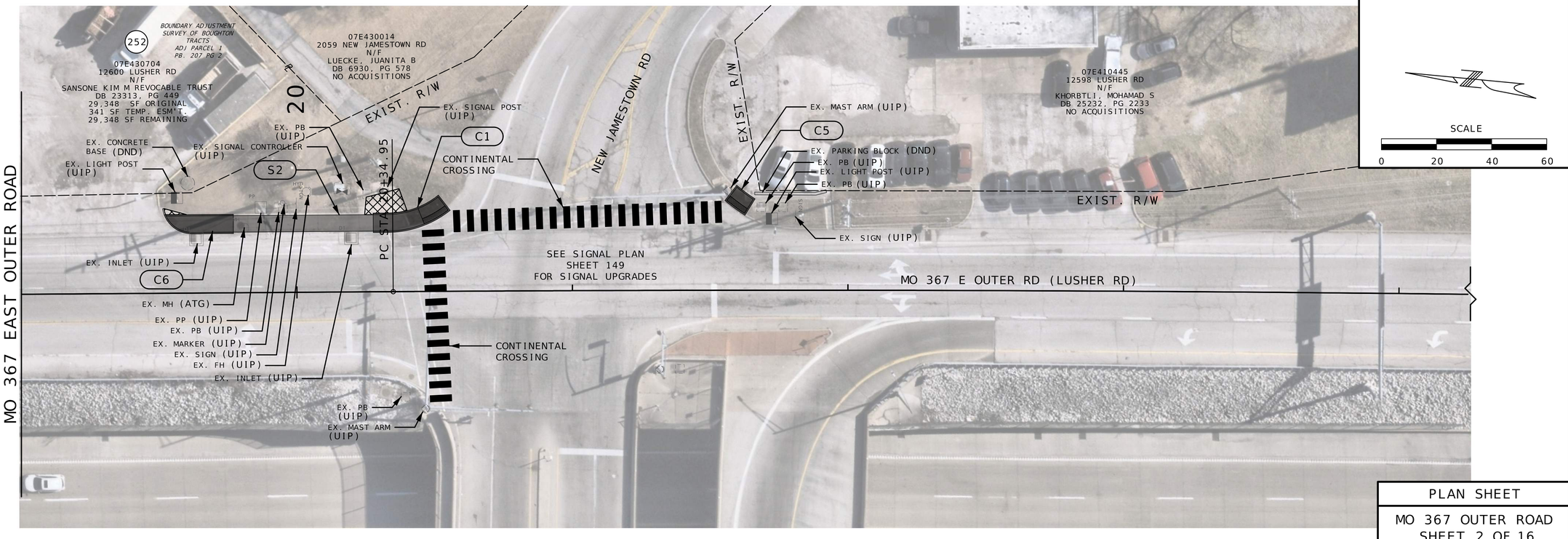
DRWY-COM., CONCRETE
18+12.90 LT
58.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

MATCHLINE STA. 19+00.00
MO 367 EAST OUTER ROAD

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

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT



PLAN SHEET
MO 367 OUTER ROAD
SHEET 2 OF 16

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	52

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

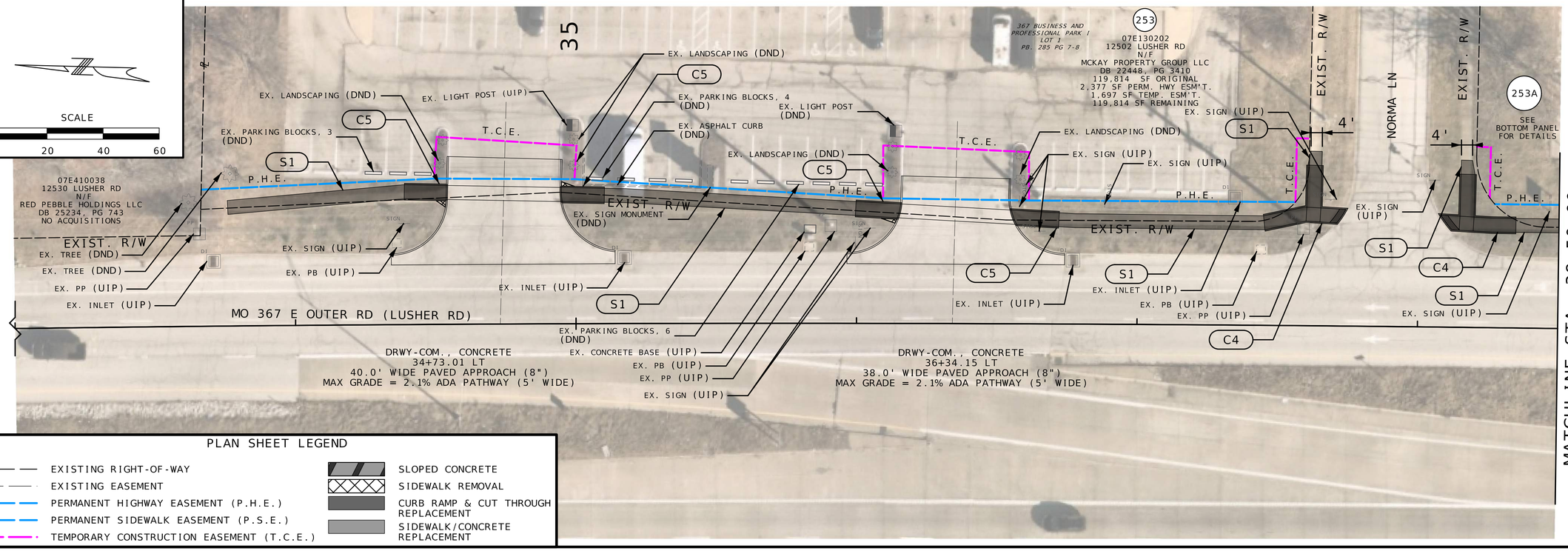
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

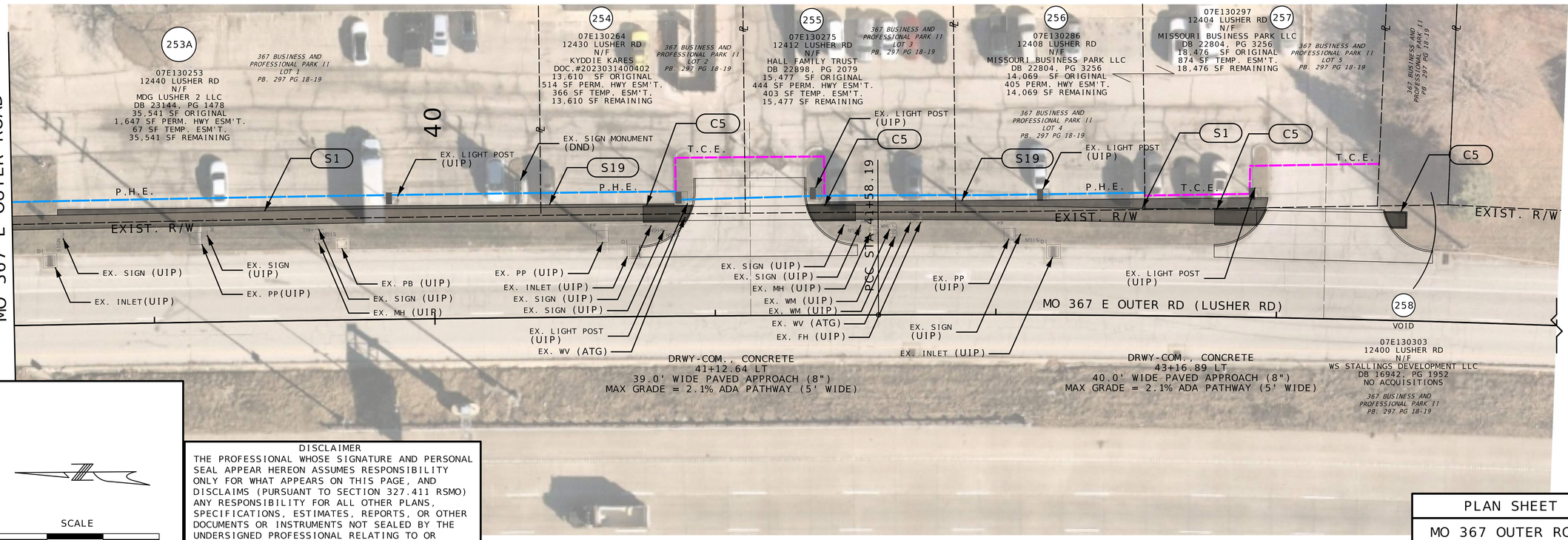
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_01_i20.dgn 9:31:07 AM 7/29/2026

SCALE
0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT



SCALE
0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER
08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	53

COUNTY
VARIES
JOB NO.
J6P3510E
CONTRACT ID.
.
PROJECT NO.
.
BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET
MO 367 OUTER ROAD
SHEET 3 OF 16

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	54

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 4 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_03_i20.dgn 9:31:17 AM 7/29/2026

SCALE

0 20 40 60

MATCHLINE STA. 70+50.00
MO 367 E OUTER ROAD

NOTE:

1. MATCH EXISTING DECORATIVE RED CONCRETE AND JOINT PATTERN.

08F640510
12110 LUSHER RD
N/F
QUIKTRIP CORPORATION
DB 22566, PG 3614
NO ACQUISITIONS

QUICKTRIP 639 SUBDIVISION LOT 18 PB. 366 PG 294

259

08F620358
12098 LUSHER RD
N/F
MDC COASTAL 11 LLC
DB 23866, PG 2940
86,968 SF ORIGINAL
1,193 SF PERM. HWY ESM'T
450 SF TEMP. ESM'T.
86,968 SF REMAINING

LOT SPLIT PLAT OF LOT 1 & 2 OF U.S. SURVEY 2771 LOT 1 PB. 346 PG 575

EXIST. R/W

PARKER RD

EXIST. R/W

DRWY-COM., CONCRETE
74+50.66 LT
35.0' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (5' WIDE)

EXIST. R/W

EX. SIGN (DND)

S1

EX. PP (UIP)

P.H.E.

EX. SIGN (DND)

EX. SIGNAL CONTROLLER (UIP)

EX. PB (UIP)

EX. PB (UIP)

EX. INLET (UIP)

EX. LIGHT POST (UIP)

EX. INLET (UIP)

EX. PB (UIP)

EX. SIGNAL POST (UIP)

EX. LIGHT POST (UIP)

EX. SIGN (UIP)

EX. INLET (UIP)

EX. SIGN (UIP)

EX. PP (UIP)

T.C.E.

C5

EX. INLET (UIP)

EX. MH (ATG)

S1

P.H.E.

EX. PP (UIP)

EXIST. R/W

EX. INLET (ATG)

EX. MH (UIP)

EX. PB (UIP)

EX. MAST ARM (UIP)

C1

S18

R6

EX. LIGHT POST (UIP)

EX. SIGN (UIP)

CONTINENTAL CROSSING

SEE SIGNAL PLAN SHEET 155 FOR SIGNAL UPGRADES

CONTINENTAL CROSSING

MO 367 E OUTER RD (LUSHER RD)

EX. SIGNAL POST (UIP)

EX. SIGN (UIP)

EX. PB (UIP)

EX. MAST ARM (UIP)

C2

EX. SIGNAL POST (UIP)

EX. SIGN (UIP)

EX. MH (ATG)

EX. PB (UIP)

S18

SEE NOTE 1 THIS SHEET.

72+87

C7

1

R3

CONTINENTAL CROSSING

TO NORTH 367

MO 367 LEWIS AND CLARK BLVD

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	55

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 5 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_04_i20.dgn 9:31:23 AM 7/29/2026

SCALE

0 20 40 60

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

NOTE:

1. MATCH EXISTING DECORATIVE RED CONCRETE AND JOINT PATTERN.

08F310932
11802 LUSHER RD
N/F
WARMAN, SANDRA
DB 10720, PG 1791
NO ACQUISITIONS

BOUNDARY ADJUSTMENT PLAT OF LOT 1 OF THE SUBDIVISION OF THE WILLIAM PAGE ESTATE ADT PARCEL A PB. 335 PG 72

09F630392
11792 LUSHER RD
N/F
AL-SHAWKANI, AMIN S
DB 23988, PG 602
NO ACQUISITIONS

09F630413
1944 REDMAN RD
N/F
REDMAN ASSOCIATES MO LLC
DB 20881, PG 643
NO ACQUISITIONS

PT LOT 3 OF THE PARTITION OF THE ESTATE OF WALTER WILLIAMS

LANDMARK BANK LOT 1 PB 260 PG 8

EXIST. R/W

REDMAN AVE

EXIST. R/W

EXIST. R/W

110

EX. LIGHT POST (UIP)
EX. PB (UIP)
EX. SIGN (UIP)
R6
C5
CONTINENTAL CROSSING
EX. PP (UIP)
EX. MH (UIP)
C9
EX. MAST ARM (UIP)
CONTINENTAL CROSSING
EX. PB (UIP)
CONTINENTAL CROSSING
EX. SIGN (UIP)
S18
SEE NOTE 1 THIS SHEET.
EX. PB (ATG)
C6
EX. SIGNAL POST (UIP)
EX. PB (UIP)
SEE SIGNAL PLAN SHEET 161 FOR SIGNAL UPGRADES
PI STA 111+22.40
EX. PB (UIP)
EX. CONTROLLER (UIP)
R6
EX. MAST ARM (UIP)
EX. SIGN (UIP)
C4
EX. SIGNAL CONTROLLER (UIP)
EX. PP (UIP)
EXIST. INLET (ATG)
EX. LIGHT POST(UIP)
C5
EXIST. INLET (ATG)
S14
S14
S1
R6
CONTINENTAL CROSSING
EX. SIGN (UIP)
EX. INLET (UIP)
S18
SEE NOTE 1 THIS SHEET.
EX. SIGNAL POST (UIP)
C6
S1
C5
R6
EX. INLET (UIP)
EX. SIGN (UIP)
EX. PP (UIP)
EXIST. R/W

MO 367 E OUTER RD (LUSHER RD)

MO 367 LEWIS AND CLARK BLVD

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	56

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 6 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_05_i20.dgn 9:31:29 AM 7/29/2026

SCALE

0 20 40 60

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

EXIST. R/W

AMENDED PLAT
NORTHGATE ESTATES
ADDITION
LOT 39
PB. 100 PG 50

24" SWT
STOP BAR

CONTINENTAL
CROSSING

STOP

2

20+62

R3

CLAUDINE DR

EXIST. R/W

09F330135
2048 CLAUDINE DR
N/F
NORTHGATE ESTATES
SUBDIVISION TRUSTEES
DB 18519, PG 1000
NO ACQUISITIONS

EX. MH
(AGT)

EX. SIGN (UIP)

C1

S2

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

C1

DUNN RD

EX. PP (UIP)

EX. LIGHT POST
(UIP)

EXIST. R/W

AMENDED PLAT
NORTHGATE ESTATES
ADDITION
LOT 12
PB. 100 PG 50

09F610107
11503 CORLYN DR
N/F
GROVE, WENDELL C.
& MARGUERITE R
DB 10669, PG 2130
NO ACQUISITIONS

EXIST. R/W

EXIST. R/W

135

20

MATCHLINE STA. 18+75.00
DUNN ROAD

EX. SIGNAL POST
(UIP)

EX. PB
(UIP)

CONTINENTAL
CROSSING

PT STA 22+09.57

SEE SIGNAL PLAN
SHEET 167
FOR SIGNAL UPGRADES

PC STA 137+13.25

MO 367 E OUTER RD (LUSHER RD)

EX. MAST ARM
(UIP)

EX. PB
(UIP)

C1

MATCHLINE STA. 137+70.00
MO 367 EAST OUTER ROAD

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	57

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 7 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_06_i20.dgn 9:31:33 AM 7/29/2026

SCALE

0 20 40 60

MATCHLINE STA. 18+75.00
DUNN ROAD

MATCHLINE STA. 138+70.00
MO 367 EAST OUTER ROAD

EX. SIGN (UIP)

EX. PP (UIP)

EX. LIGHT POST (UIP)

EX. SIGN (UIP)

EXIST. R/W

PRC STA 18+15.20

EX. SIGN (UIP)

S2

EX. SIGN (UIP)

EX. PP (UIP)

EX. SIGN (UIP)

EX. PB (UIP)

EX. LIGHT POST (UIP)

EX. PB (UIP)

EX. SIGN (UIP)

EX. TRAFFIC BARRIER (UIP)

EX. TRAFFIC BARRIER (UIP)

EX. INLET (UIP)

EX. INLET (UIP)

C6

09F310049
1865 DUNN RD
N/F
STATE OF MISSOURI
DB 2938, PG 24
NO ACQUISITIONS

EXIST. R/W

EXIST. R/W

BEGIN WORK
DUNN RD
STA 15+69

DUNN RD

END STA 139+16.25

PC STA 13+49.00

15

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 367 OUTER ROAD
SHEET 8 OF 16

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	58

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

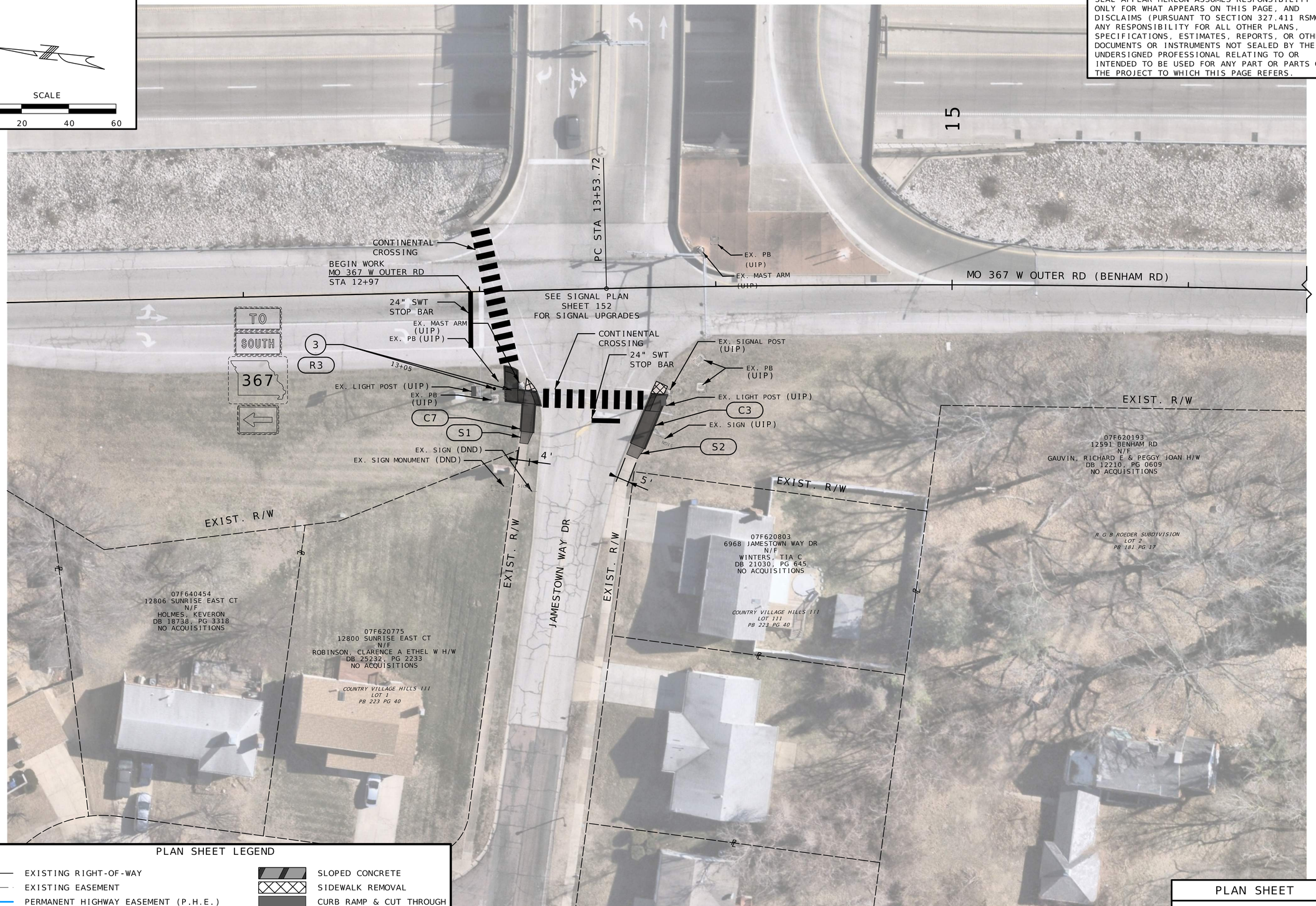
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_07_i20.dgn 9:31:38 AM 7/29/2026

SCALE

0 20 40 60

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	59

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 9 OF 16

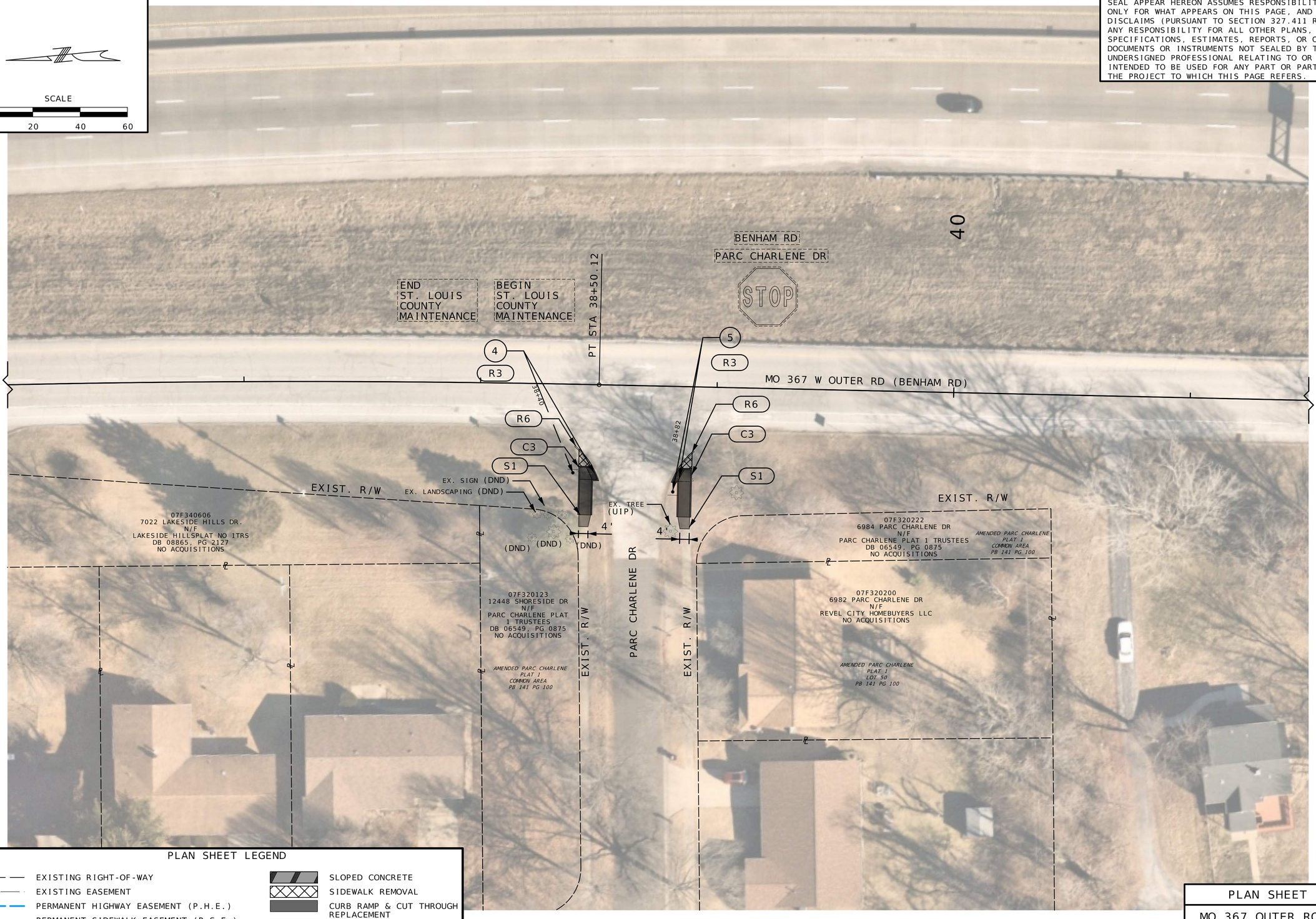
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_08_i20.dgn 9:31:42 AM 7/29/2026

SCALE

0 20 40 60

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	60

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 10 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_09_i20.dgn 9:31:47 AM 7/29/2026

SCALE

0 20 40 60

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

MO 367 LEWIS AND CLARK BLVD

65

MO 367 W OUTER RD (BENHAM RD)

PC STA 66+01.19

EX. INLET (UIP)

EX. SIGN (UIP)

S18

EX. SIGNAL POST (UIP)

EX. PB (UIP)

CONTINENTAL CROSSING

SEE SIGNAL PLAN SHEET 158 FOR SIGNAL UPGRADES

EX. MAST ARM (UIP)

EX. LIGHT POST (UIP)

EXIST. R/W

EX. PB (UIP)

EX. SIGNAL POST (UIP)

P.H.E.

C6

C7

R6

EX. PP (UIP)

EX. SIGNAL CONTROLLER (UIP)

EX. LIGHT POST (UIP)

260

08F640301
12105 BENHAM RD
N/F
FDG C41 MO FLORISSANT LLC
DB 20590, PG 2333
NO ACQUISITIONS

08F620150
12095 BENHAM RD
N/F
SOUTH SIDE PROPERTY LLC
DB 23532, PG 1598
19,197 SF ORIGINAL
400 PERM. HWY ESM'T
19,197 SF REMAINING

08F640291
6999 PARKER RD
N/F
FDG C41 MO FLORISSANT LLC
DB 20590, PG 2333
NO ACQUISITIONS

BOUNDARY ADJUSTMENT AND PARCEL CONSOLIDATION PLAT AT PADDOCK FOREST CENTER LOT 5 PB 360 PG 160-161

PARKER RD

EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	61

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 11 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_10_i20.dgn 9:31:51 AM 7/29/2026

SCALE

0 20 40 60

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

NOTE:

1. MATCH EXISTING DECORATIVE RED CONCRETE AND JOINT PATTERN.

MO 367 LEWIS AND CLARK BLVD

105

PT STA 102+21.18

PI STA 103+13.66

PI STA 104+82.37

105+11

C1

S18

SEE NOTE 1 THIS SHEET

R6

EX. INLET (UIP)

EX. PB (UIP)

EX. SIGNAL POST (UIP)

EX. SIGN (UIP)

EX. MAST ARM (UIP)

EX. MH (UIP)

S2

S18

SEE NOTE 1 THIS SHEET.

EX. PB (ATG)

C1

EX. SIGNAL POST(UIP)

6

R3

YIELD

R1-2

CONTINENTAL CROSSING

SEE SIGNAL PLAN SHEET 164 FOR SIGNAL UPGRADES

MO 367 W OUTER RD (BENHAM RD)

EXIST. R/W

EX. PP (UIP)

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. BARRIER BLOCK (DND)

EX. WV (ATG)

R6

CONTINENTAL CROSSING

C9

EX. MAST ARM (UIP)

CONTINENTAL CROSSING

S1

C5

R6

EXIST. R/W

EX. PB (UIP)

EX. SIGNAL CONTROLLER (UIP)

EX. PB (UIP)

R6

P.H.E.

C5

EX. SIGN (DND)

EX. PB (UIP)

EX. FH (UIP)

S1

EX. LIGHT POST (UIP)

EX. PP (UIP)

EX. SIGNAL POST (UIP)

C4

EX. MAST ARM (UIP)

EX. BOLLARD (DND)

EX. SIGN (UIP)

EX. PP (UIP)

C4

EX. SIGN (UIP)

09F630523
11777 BENHAM RD
N/F
PRESTIGE HOLDINGS LLC
DB 23306, PG 1670
NO ACQUISITIONS

EX. PB (UIP)

EX. INLET (UIP)

264

08F310804
11805 BENHAM RD
N/F
PAGE PARTNERS LLC
DB 24882, PG 3565
NO ACQUISITIONS

09F630589
2111 REDMAN RD
N/F
GEP MANAGEMENT LLC
DB 24808, PG 3234
30,004 SF ORIGINAL
188 PERM. HWY ESM'T
30,004 SF REMAINING

VITALE RESUBDIVISION LOT 1 PB 366 PG 479

EXIST. R/W

REDMAN AVE

EXIST. R/W

09F630578
2115 REDMAN RD
N/F
GEP MANAGEMENT LLC
DB 19508, PG 1309
NO ACQUISITIONS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 367 OUTER ROAD
SHEET 12 OF 16

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:34 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	62

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

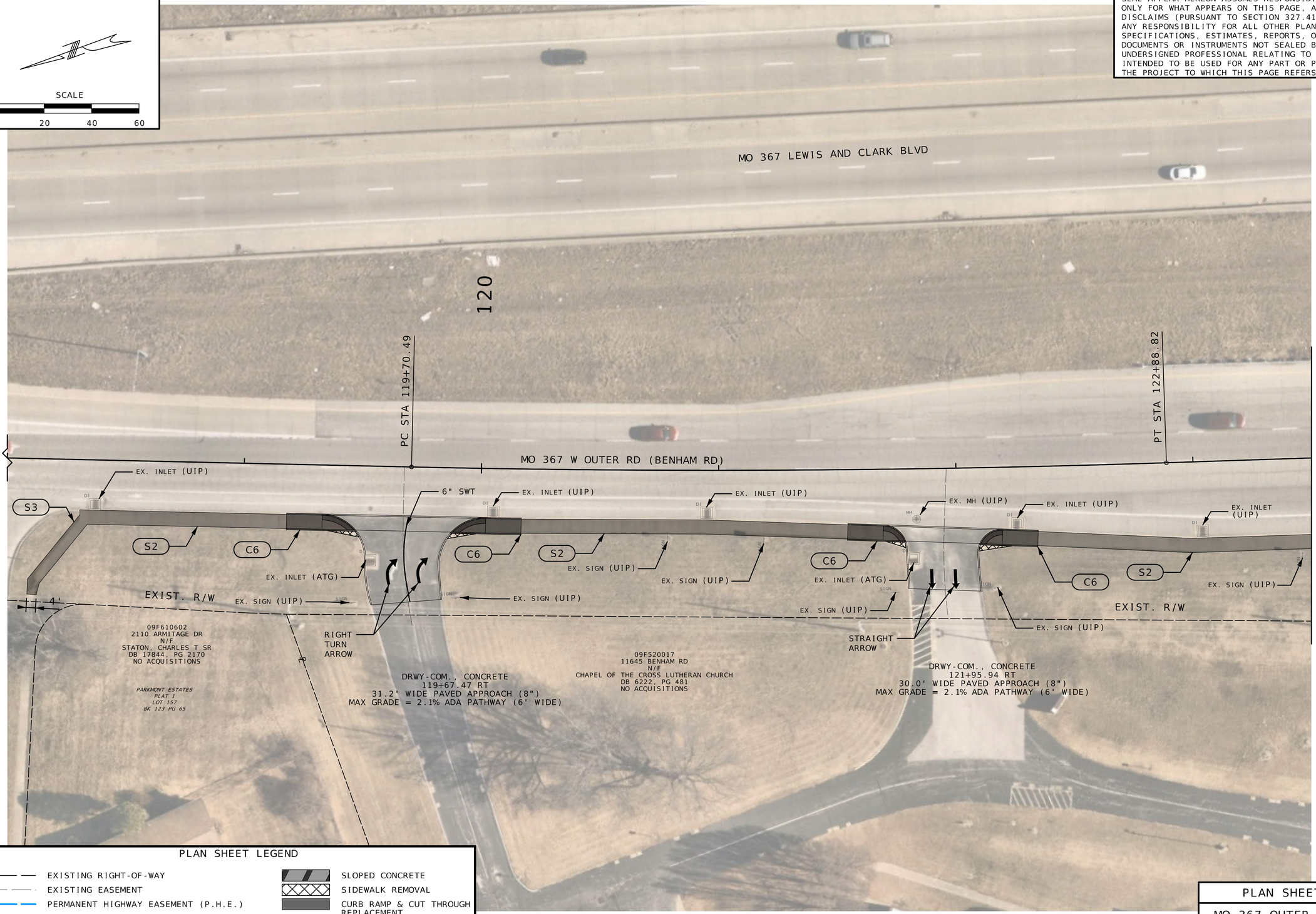
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_11_i20.dgn 9:31:56 AM 7/29/2026

SCALE

0 20 40 60

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



MATCHLINE STA. 123+50.00
MO 367 WEST OUTER ROAD

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	63

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

MO 367 OUTER ROAD
SHEET 13 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_12_i20.dgn 9:32:01 AM 7/29/2026

SCALE

0 20 40 60

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

NOTE:

1. MATCH EXISTING DECORATIVE RED CONCRETE AND JOINT PATTERN.

MATCHLINE STA. 123+50.00
MO 367 WEST OUTER ROAD

125

MO 367 W OUTER RD (BENHAM RD)

EXIST. R/W

09F520017
11645 BENHAM RD
N/F
CHAPEL OF THE CROSS LUTHERAN CHURCH
DB 6222, PG 481
NO ACQUISITIONS

EXIST. R/W

C1

EX. UTILITY POST (UIP)

EX. SIGN (UIP)

EX. LIGHT POST (UIP)

S18

SEE NOTE 1 THIS SHEET.

EX. SIGNAL POST (UIP)

EX. PB (UIP)

EX. INLET (UIP)

CONTINENTAL CROSSING

PI STA 127+57.97

25

EX. PB (UIP)

EX. SIGN MAST (UIP)

PC STA 128+97.75

MATCHLINE STA. 129+00.00
MO 367 WEST OUTER ROAD

SEE SIGNAL PLAN SHEET 168 FOR SIGNAL UPGRADES

PC STA 25+90.43

EX. INLET (UIP)

EX. INLET (UIP)

EX. SIGNAL CONTROLLER (UIP)

EX. SIGN MAST (UIP)

S2

EX. SIGN (UIP)

EX. LIGHT POST (UIP)

EX. SIGN (UIP)

C2

EX. PB (UIP)

EX. MAST ARM (UIP)

EX. SIGN (UIP)

S2

DUNN RD

EX. SIGN (UIP)

EX. SIGN (UIP)

EX. LIGHT POST (UIP)

MATCHLINE STA. 28+10.00
DUNN ROAD

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

MO 367 OUTER ROAD
SHEET 14 OF 16

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	64

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_13_i20.dgn 9:32:05 AM 7/29/2026

SCALE

0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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



PLAN SHEET

MO 367 OUTER ROAD
SHEET 15 OF 16

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED	
7/29/2026	
ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	65
COUNTY	
VARIES	
JOB NO.	
J6P3510E	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	
.	

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	66

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

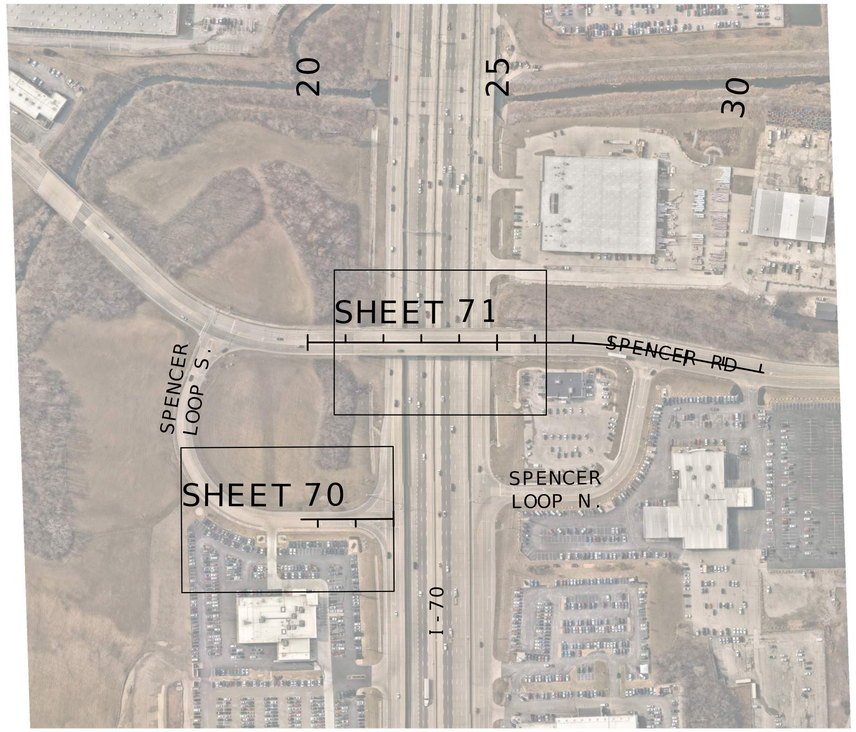
MO 367 OUTER ROAD
SHEET 16 OF 16

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_PN_J6P3510_15_i20.dgn 9:30:47 AM 7/29/2026

SCALE

0 200 400 600

SECTION - TOWNSHIP - RANGE INFORMATION		
Name	Sections	US Survey
I-70 St. Charles	S27 T47N R3E	1754
	S26 T47N R3E	1799
	S30 T47N R3E	1766
		30
		762
		1731



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	67

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

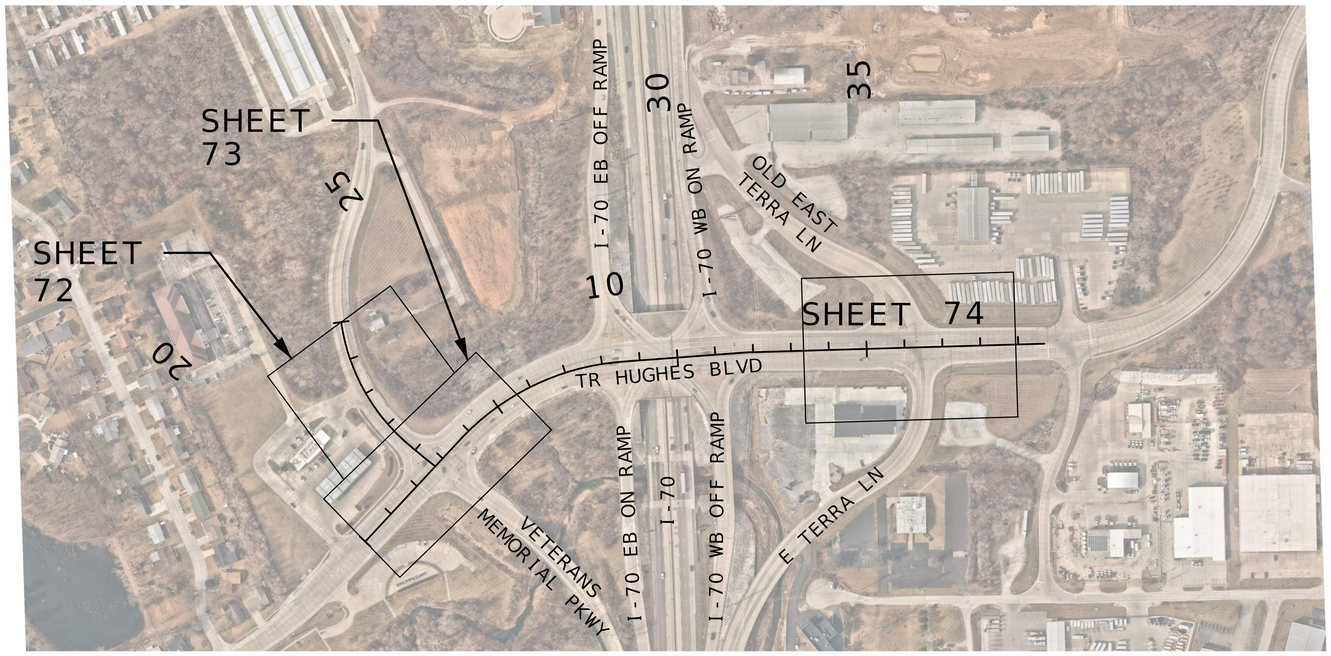
PROJECT NO.
.

BRIDGE NO.
.

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

SCALE

0 200 400 600



INDEX SHEET

I-70 ST. CHARLES
SHEET 1 OF 17

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_IN_J6P3510_01_i200.dgn 11:03:17 AM 7/29/2026

SCALE
0 200 400 600

10 15 20 25 30 35

I-70
VETERANS MEMORIAL PKWY
SHEET 75
I-70 WB ON RAMP
I-70 WB OFF RAMP
I-70
I-70 EB ON RAMP
I-70 EB OFF RAMP
HIGHWAY 79
I-70 EB ON RAMP
SHEET 76
SHEET 77
SALT LICK RD

SCALE
0 200 400 600

10 15 20 25 30 35

MID RIVERS MALL DR
SUEMANDY DR
SHEET 78
SHEET 79
SHEET 80
SHEET 81
SHEET 82
I-70 EB OFF RAMP
I-70
I-70 WB ON RAMP
MAIN ST
NORFOLK AND SOUTHERN RAILROAD
SUEMANDY DR
MID RIVERS MALL
I-70 EB ON RAMP
I-70 WB OFF RAMP
N SERVICE RD

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	68

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

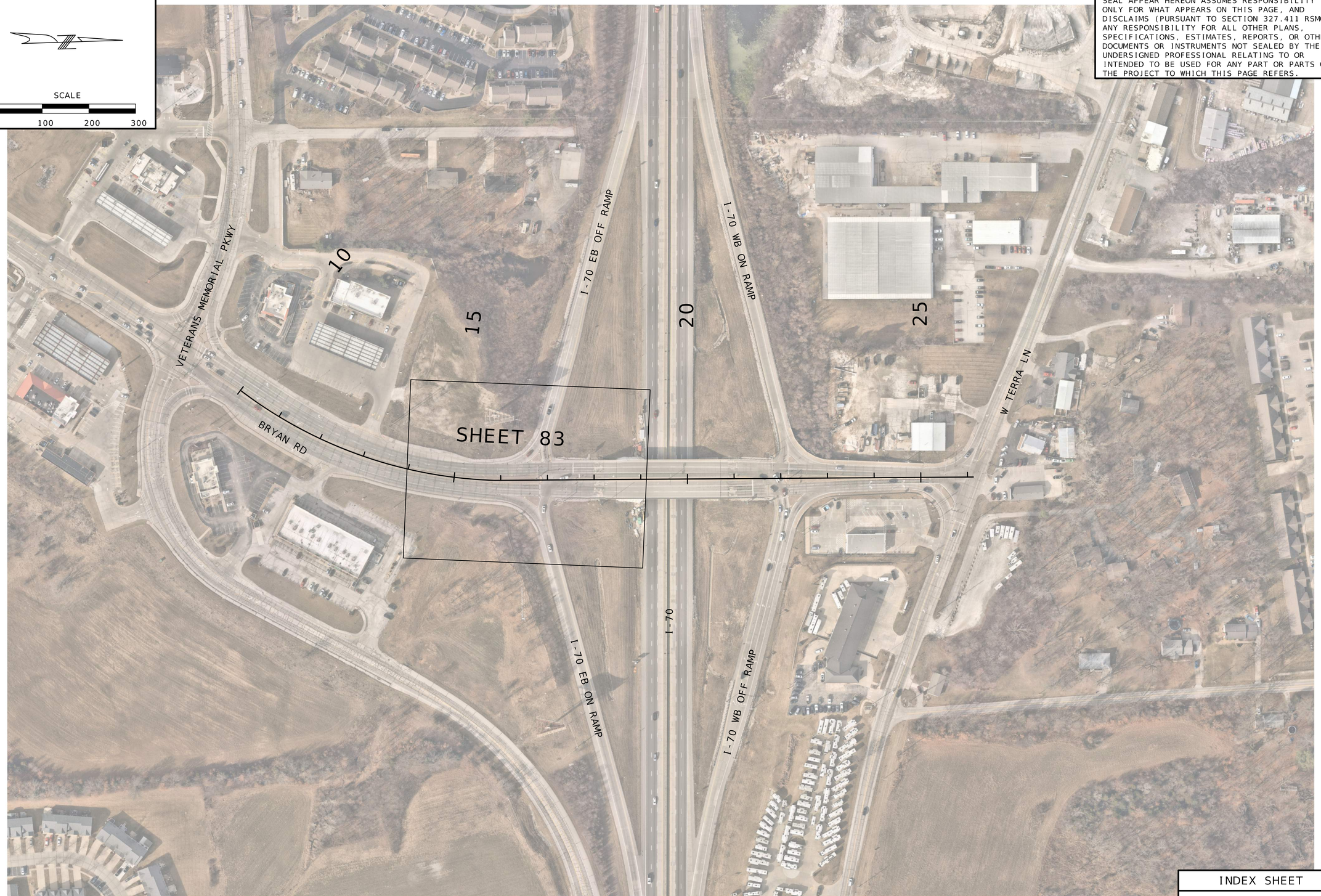
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

INDEX SHEET

I-70 ST. CHARLES
SHEET 2 OF 17

SCALE

0 100 200 300



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	69

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

INDEX SHEET

I-70 ST. CHARLES
SHEET 3 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_IN_J6P3510_03_i100.dgn 11:03:09 AM 7/29/2026

SCALE

0 20 40 60

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

T082600023
VETERANS MEMORIAL PKWY
N/F
NSN LOT 8 LLC
DB , PG
NO ACQUISITIONS

EXIST. R/W

EXIST. R/W

END WORK
SPENCER LOOP S
STA 11+00

BEGIN WORK
SPENCER LOOP S
STA 10+25

SPENCER LOOP S

END STA 12+43.66

START STA 10+00.00

EX. PB (ATG)

EX. SIGNAL (UIP)

1A

R3

CONCRETE MEDIAN STRIP
(REMOVE EX. ISLAND AND CUT THROUGHS)

W12-1

CURB REFLECTORS (TYP. ALL CORNERS)

EXIST. R/W

EX. SIGN (UIP)

S2

8' WIDTH

C1

10

T082600019
5701 VETERANS MEMORIAL PKWY
N/F
RYBOK IV LLC
DB 4741, PG 2471
NO ACQUISITIONS

EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-70 ST. CHARLES
SHEET 4 OF 17

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.0

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_45_04_i20.dgn 10:53:59 AM 7/29/2026

SCALE

0 20 40 60

652

T082600025
SPENCER RD
N/F
PIPE FAMILY LLC
DB 4746, PG 912
422,409 SF ORIGINAL
216 SF PERM. ESM'T.
422,409 SF REMAINING

S2
VARIES
4.5' - 7'
WIDTH

P.H.E.

EXIST. R/W

EX. ROCK (UIP)

EX. GUARDRAIL (UIP)

265220A000
4890 N SERVICE RD
N/F
ONE ARROWHEAD PROPERTIES LLC
DB 6803, PG 2190
NO ACQUISITIONS

651

7110400011
N SERVICE RD
N/F
T & B PARTNERS
DB 5433, PG 2344
4,975 SF ORIGINAL
104 SF PERM. ESM'T.
4,975 SF REMAINING

S2
VARIES
4.5' - 8'
WIDTH

P.H.E.

EXIST. R/W

EX. ROCK (UIP)

EX. GUARDRAIL (UIP)

25

SPENCER RD

START WORK
SPENCER RD
STA 20+75

END WORK
SPENCER RD
STA 26+00

EXIST. R/W

EXIST. R/W

I-70

T082600023
VETERANS MEMORIAL PKWY
N/F
NSN LOT 8 LLC
DB , PG
NO ACQUISITIONS

T060400017
4798 N SERVICE RD
N/F
MKCO PROPERTIES PARTNERSHIP
NO ACQUISITIONS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.1

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

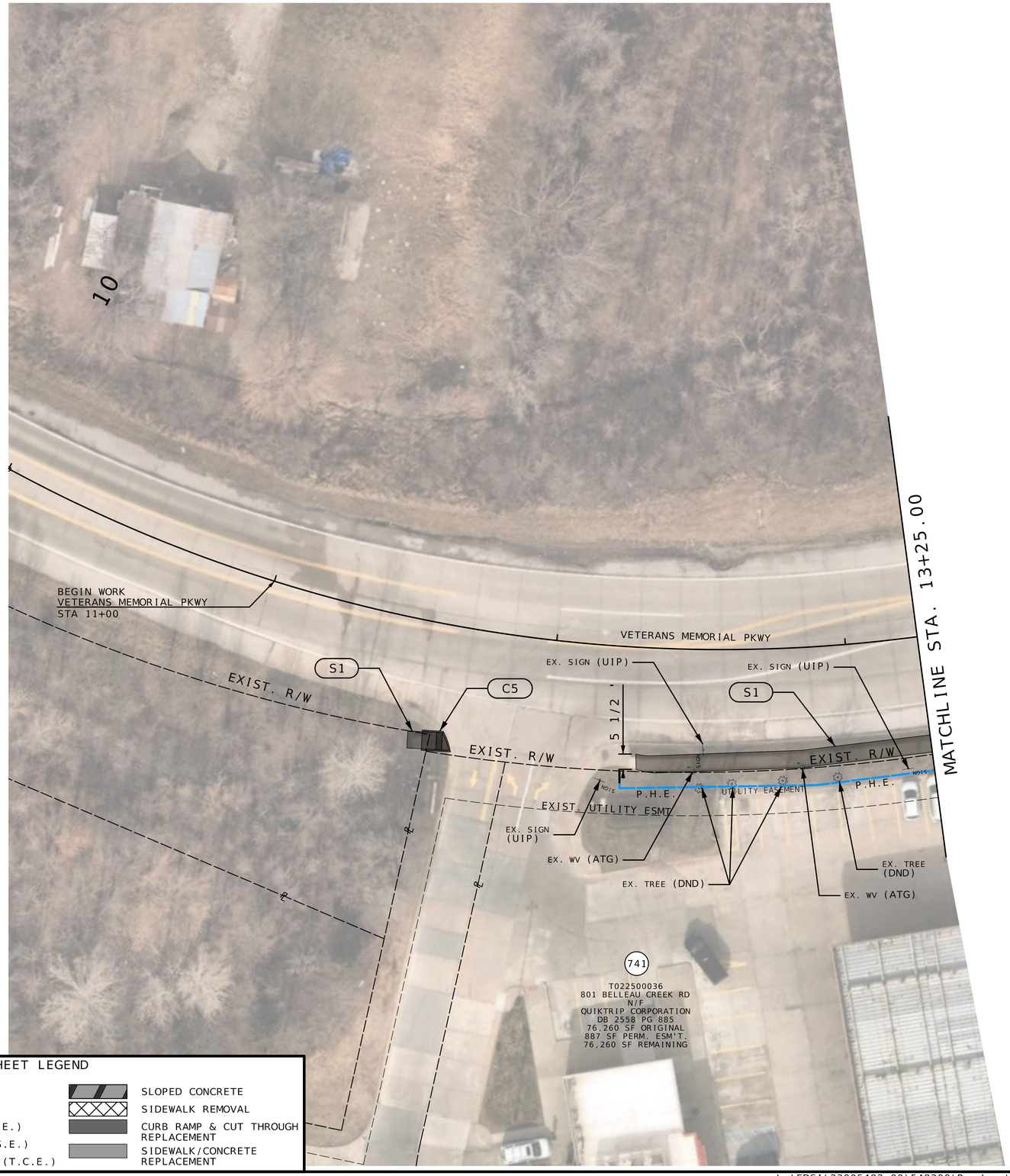
PLAN SHEET

I-70 ST. CHARLES
SHEET 5 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_45_05_i20.dgn 10:54:04 AM 7/29/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.2

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 6 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_47_06_i20.dgn 10:54:09 AM 7/29/2026

SCALE

0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.3

COUNTY
VARIES

JOB NO.
J6P3510E

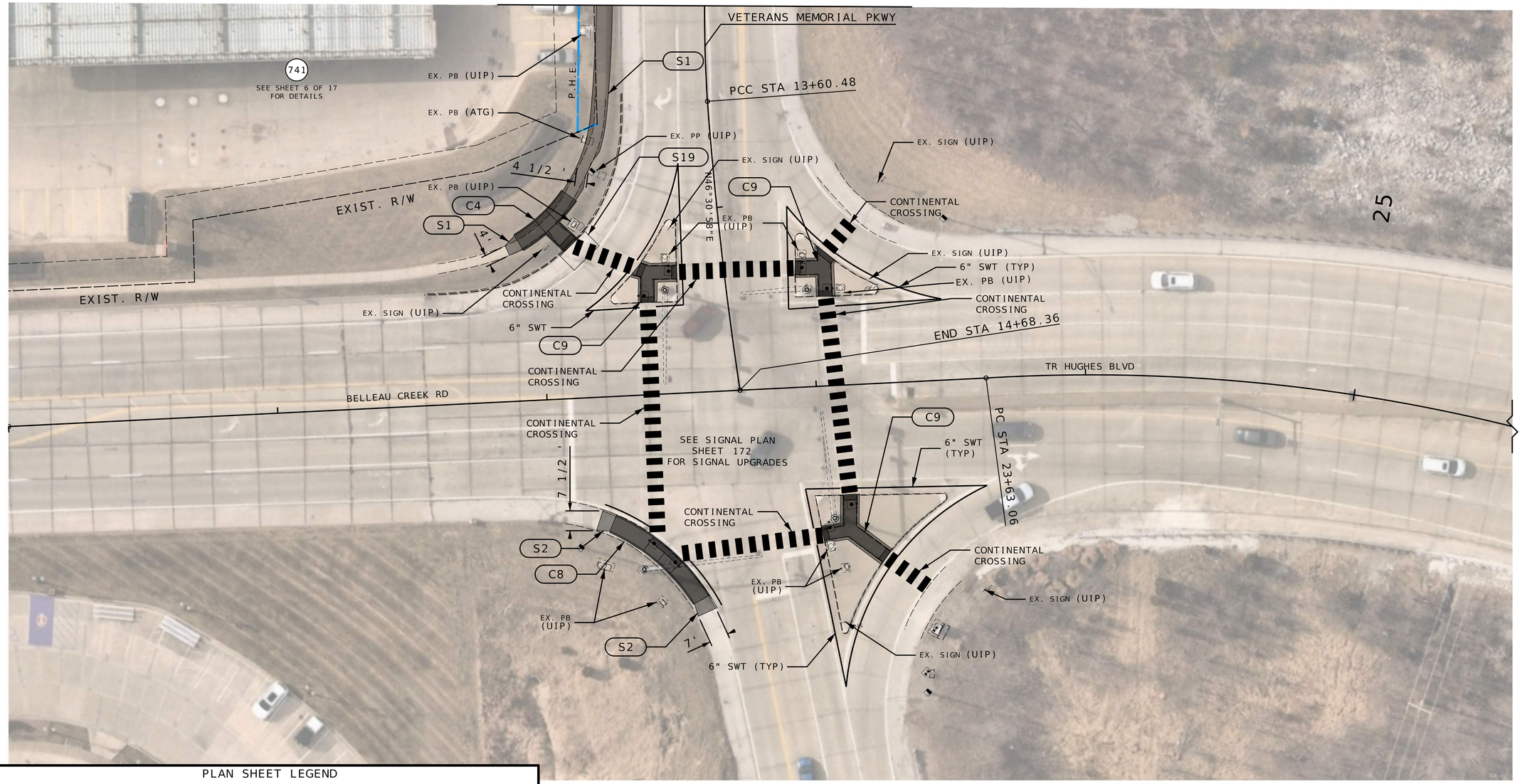
CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

MATCHLINE STA. 13+25.00



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 7 OF 17

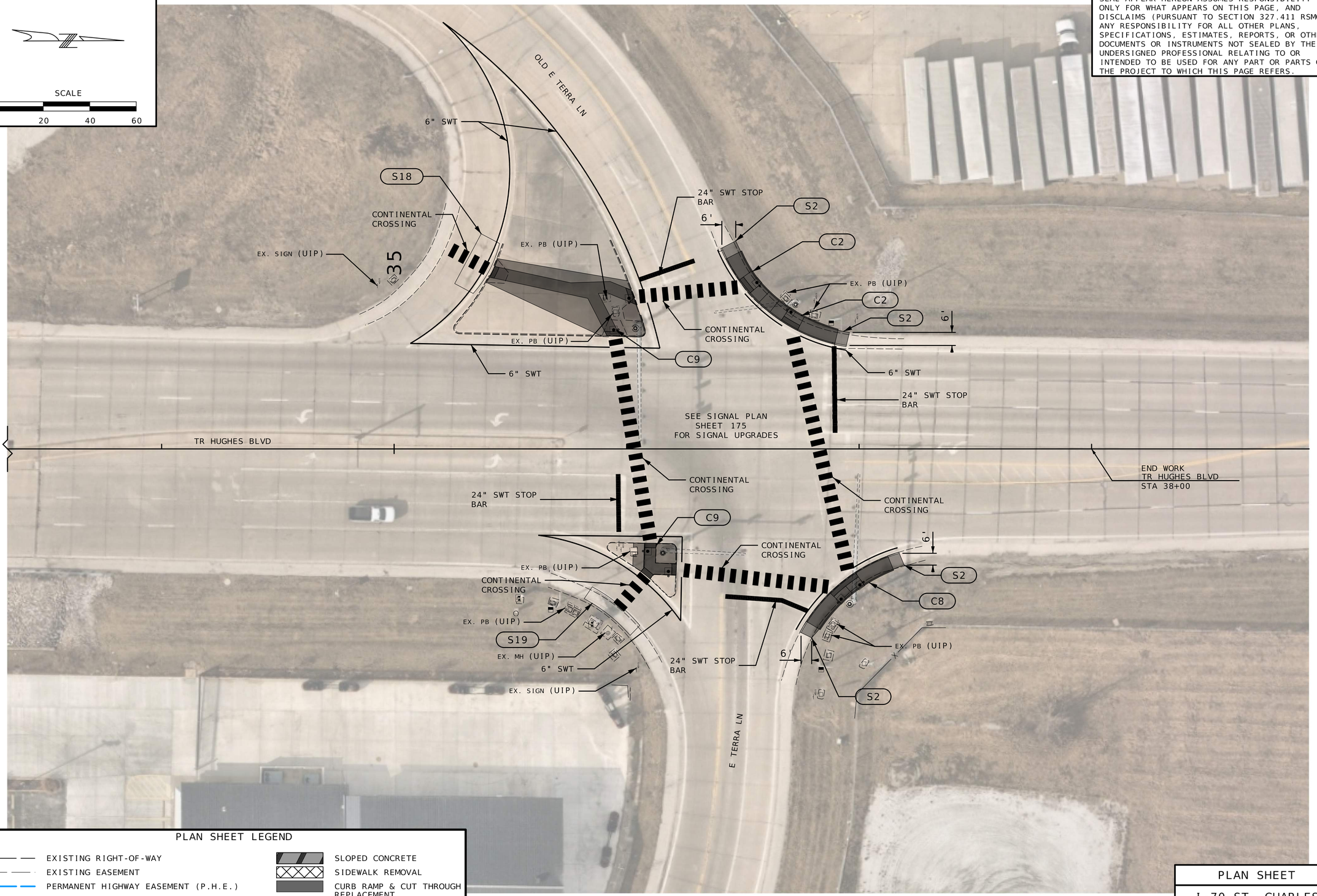
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_47_07_I20.dgn 10:54:13 AM 7/29/2026

SCALE

0 20 40 60

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



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	74

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 8 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_47_08_I20.dgn 10:54:18 AM 7/29/2026

SCALE

0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.5

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

I-70

15

BEGIN WORK
VETERANS MEMORIAL PKWY
STA 12+00

VETERANS MEMORIAL PKWY

EX. PP (UIP)
EX. DRAINAGE STRUCTURE (UIP)
EX. PB (UIP)
EX. PP (UIP)
EX. LIGHTING (UIP)
EX. PB (UIP)
EX. PB (UIP)

CONTINENTAL CROSSING

EXIST. R/W
EXIST. R/W
EXIST. R/W

C6
P.H.E.
S1
4'
EX. DRAINAGE STRUCTURE (ATG)
12+65
P.H.E.
C2
2
S1
R3
4'
EX. DRAINAGE STRUCTURE (ATG)
STOP
R1-1

750
T112500024
50 RICHMOND CENTER BLVD
N/F
CROWN HOSPITALITY 2 LLC
DB 2024R, PG 33192
155,169 SF ORIGINAL
205 SF PERM. ESM'T.
155,169 SF REMAINING

751
T102500063
AVENTURA WAY
N/F
FORT ZUMWALT SCHOOL DIST
DB 6473, PG 2352
379,680 SF ORIGINAL
3,143 SF PERM. ESM'T.
584 SF TEMP. ESM'T.
379,680 SF REMAINING

T242500004
7870 VETERANS MEMORIAL PKWY
N/F
BG STP LAND LLC
DB 2023, PG 51831
NO ACQUISITIONS

RICHMOND CENTER BLVD

EXIST. R/W
EXIST. R/W
EXIST. R/W

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-70 ST. CHARLES
SHEET 9 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_49_09_i20.dgn 10:54:22 AM 7/29/2026

SCALE

0 20 40 60

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

30

PT STA 29+39.28

PC STA 31+83.38

VETERANS MEMORIAL PKWY

MATCHLINE STA. 33+60.00

CONTINENTAL CROSSING

24" SWT STOP BAR

EX. SIGN (UIP)

C6

S2

C6

6" SYT

6" SWT

EX. SIGN (UIP)

6"

S1

EXIST. R/W

EXIST. R/W

EXIST. R/W

℄

℄

℄

T052500128
201 SALT LICK RD
N/F
CAPLACO THIRTY INC
DIERBERGS SALT LICK LLC
DB 7190, PG 2186
NO ACQUISITIONS

T042500140
SALT LICK RD
N/F
CAPLACO THIRTY INC
DIERBERGS SALT LICK LLC
DB 7192, PG 1618
NO ACQUISITIONS

T052500128
201 SALT LICK RD
N/F
CAPLACO THIRTY INC
DIERBERGS SALT LICK LLC
DB 7190, PG 2186
NO ACQUISITIONS

DRWY - COM., CONCRETE
STA. 31+51.88
41' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.6

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 10 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_49_10_I20.dgn 10:54:27 AM 7/29/2026

SCALE

0 20 40 60

MATCHLINE STA. 33+60.00

35

EX. SIGN (UIP)

EX. ISLAND (UIP)

EX. SIGN (UIP)

VETERANS MEMORIAL PKWY

PRC STA 37+02.00

PT STA 38+83.16

6" SWT

6" SWT

EX. SIGN (UIP)

EX. SIGN (UIP)

C5

6'

EX. CURB RAMP (UIP)

6'

CONTINENTAL CROSSING

6" SWT

6" SWT

EX.SIDEWALK (UIP)

6" SYT

EXIST. R/W

S1

EXIST. R/W

EXIST. R/W

SALT LICK RD

EXIST. R/W

EXIST. R/W

END WORK
VETERANS MEMORIAL PKWY
STA 37+00

RIGHT OF WAY
DEDICATION
THE CITY OF ST PETERS
DB 7024, PG 1774
NO ACQUISITIONS

DRWY - COM., CONCRETE
STA. 34+58.77
24' WIDE PAVED APPROACH (8")
MAX GRADE = 2.1% ADA PATHWAY (6' WIDE)

T042500136
295 SALT LICK RD
N/F
FIRST MID BANK & TRUST
DB 5568, PG 345
NO ACQUISITIONS

SEE SHEET 8 OF 17
FOR DETAILS

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:35 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7.7

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 11 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_49_11_i20.dgn 10:54:32 AM 7/29/2026

SCALE

0 20 40 60

26514B006
203 MID RIVERS MALL DR
N/F
ARCH ENERGY LC
DB 911, PG 1668
NO ACQUISITIONS

EXIST. R/W

SUEMANDY DR

EXIST. R/W

778
A912000202
195 MID RIVERS MALL DR
N/F
LCRF LLC
DB 2022R, PG 50606
36,882 SF ORIGINAL
44 SF TEMP. ESM'T.
1,426 SF PERM ESM'T.
36,882 SF REMAINING

STOP
R1-1
30" X 30"

DRWY-COM., CONCRETE
STA. 15+64+99 LT
31' WIDE PAVED
APPROACH (8")
MAX GRADE = 2.1%
ADA PATHWAY (6' WIDE)

777
SEE SHEET 13 OF 17
FOR DETAILS

S1
C8
S1
4'
4'
S1
C8
S1
S5
C5
1
24"
C5
CONTINENTAL
CROSSING
T.C.E.
P.H.E.
6"
P.H.E.
6"
15
EXIST. R/W
EX. PB (UIP)
CONTINENTAL
CROSSING
PT STA 15+33.86
S1
EX. LANDSCAPING AND
PP (UIP)
SEE SIGNAL PLAN
SHEET 178
FOR SIGNAL UPGRADES
MID RIVERS MALL DR
BEGIN WORK
MID RIVERS MALL DR
STA 12+00
CONTINENTAL
CROSSING
CONTINENTAL
CROSSING
EX. DRAINAGE STRUCTURE
(R&R EXIST. LID)
EX. DRAINAGE
STRUCTURE
(R&R EXIST. LID)
6'
EXIST. R/W
EXIST. R/W
EXIST. R/W
S2
C2
S2
4'
24" SWP
STOP BAR
6'
C8
S2
EX. SIGN (UIP)
EX. LANDSCAPING AND
SIGN (DND)
S2
EX. SIGN (UIP)
EX. SIGN (UIP)
EX. TREE
(UIP)
A870000865
5775 SUEMANDY DR
N/F
GODDARD-FUCHS REALTY CO
DB 2023, PG 3166
NO ACQUISITIONS
EXIST. R/W
SUEMANDY DR
EXIST. R/W
A892000162
250 MID RIVERS MALL CIR
N/F
PARLIAMENT PROPERTIES INC
DB 2695, PG 1733
NO ACQUISITIONS
26514B003
200 MID RIVERS MALL CIR
N/F
FIRST NATIONAL BANK OF ST PETERS
DB 909, PG 971
NO ACQUISITIONS

MATCHLINE STA. 16+60.00

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

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	78

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 12 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_50_12_i20.dgn 10:54:36 AM 7/29/2026

SCALE

0 20 40 60

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

777
A912000203
159 MID RIVERS MALL DR
N/F
LCRF LLC
DB 2023R, PG 24504
34,362 SF ORIGINAL
386 SF TEMP. ESM'T.
1,809 SF PERM. ESM'T.
34,362 SF REMAINING

776
265140B026
1 MID RIVERS MALL DR
N/F
CBL MID RIVERS MALL OP PROPCO LLC
DB 2021R, PG 88273
170,086 SF ORIGINAL
590 SF PERM. ESM'T.
170,086 SF REMAINING

MATCHLINE STA. 16+60.00

MATCHLINE STA. 22+20.00

PCC STA 19+66.52

PC STA 17+28.24

EXIST. R/W

MID RIVERS MALL DR

MID RIVERS MALL

S1 S2 C1 C2 C8 C9 R2 R6-M

P.H.E.

6' 4' 8'

CONTINENTAL CROSSING

EX. PB (UIP)

EX. PB (R&R)

EX. FH (UIP)

EX. DRAINAGE STRUCTURE (ATG) (REMOVE LIFTING HOOKS)

EX. TREE (DND)

EXIST. ROCK (UIP)

SEE SIGNAL PLAN SHEET 181 FOR SIGNAL UPGRADES

SEE SHEET 9 OF 17 FOR DETAILS

A870003363
1600 MID RIVERS MALL DR
N/F
MID RIVERS MALL CMBS LLC
DB, PG
NO ACQUISITIONS

785
A870003361
1 MID RIVERS MALL
N/F
WESTFIELD AMERICA OF MO INC
DB 1122, PG 1569
692,910 SF ORIGINAL
256 SF PERM. ESM'T.
692,910 SF REMAINING

783
A870000317
190 MID RIVERS MALL CIR.
N/F
CHICK-FIL-A
DB 7123, PG 354
78,916 SF ORIGINAL
136 SF PERM. ESM'T.
78,916 SF REMAINING

A882000419
170 MID RIVERS MALL CIR
N/F
DRURY DEVELOPMENT CORPORATION
DB 5678, PG 2379
NO ACQUISITIONS

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	7-9

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

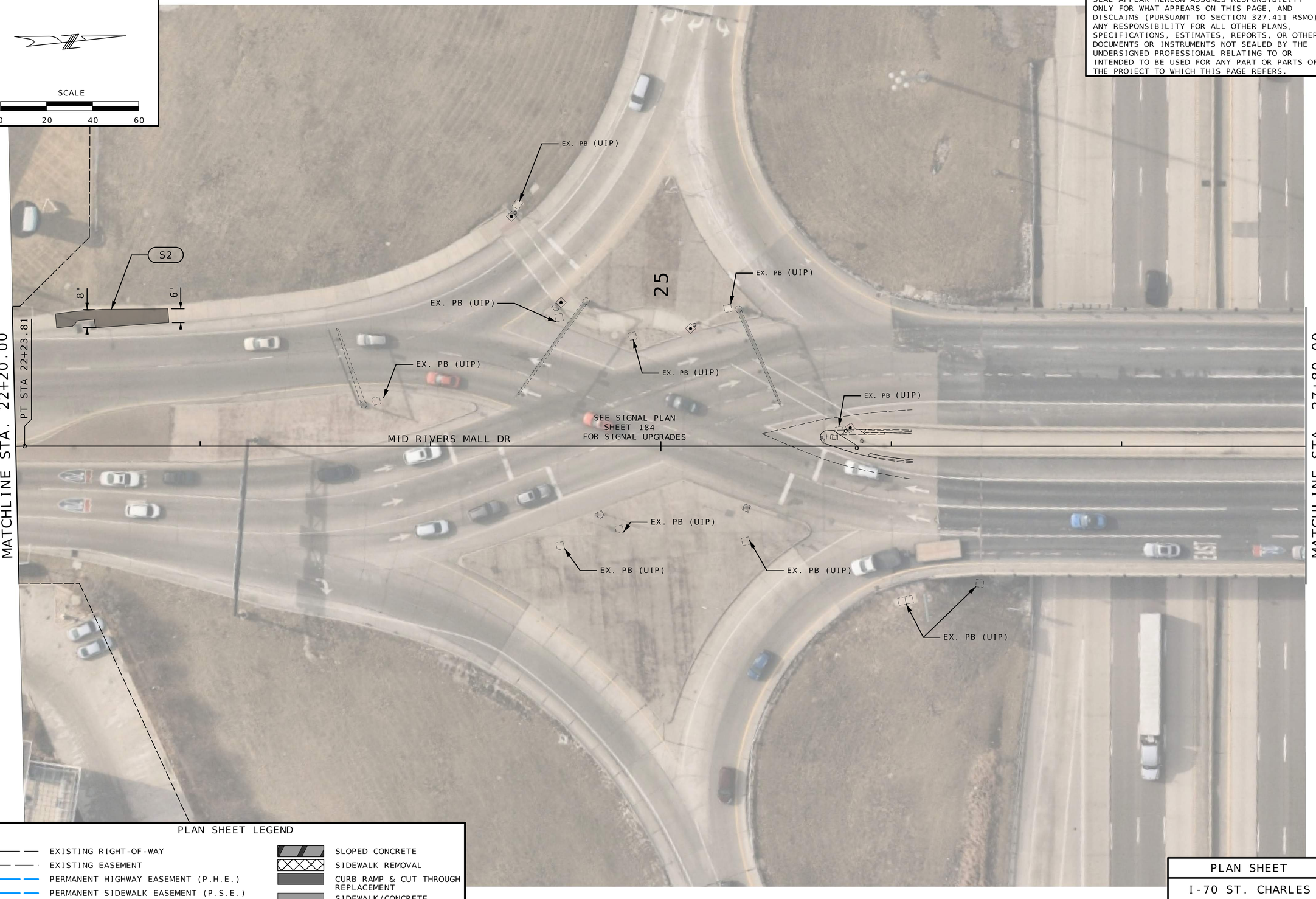
PLAN SHEET

I-70 ST. CHARLES
SHEET 13 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_50_13_I20.dgn 10:54:41 AM 7/29/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	80

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

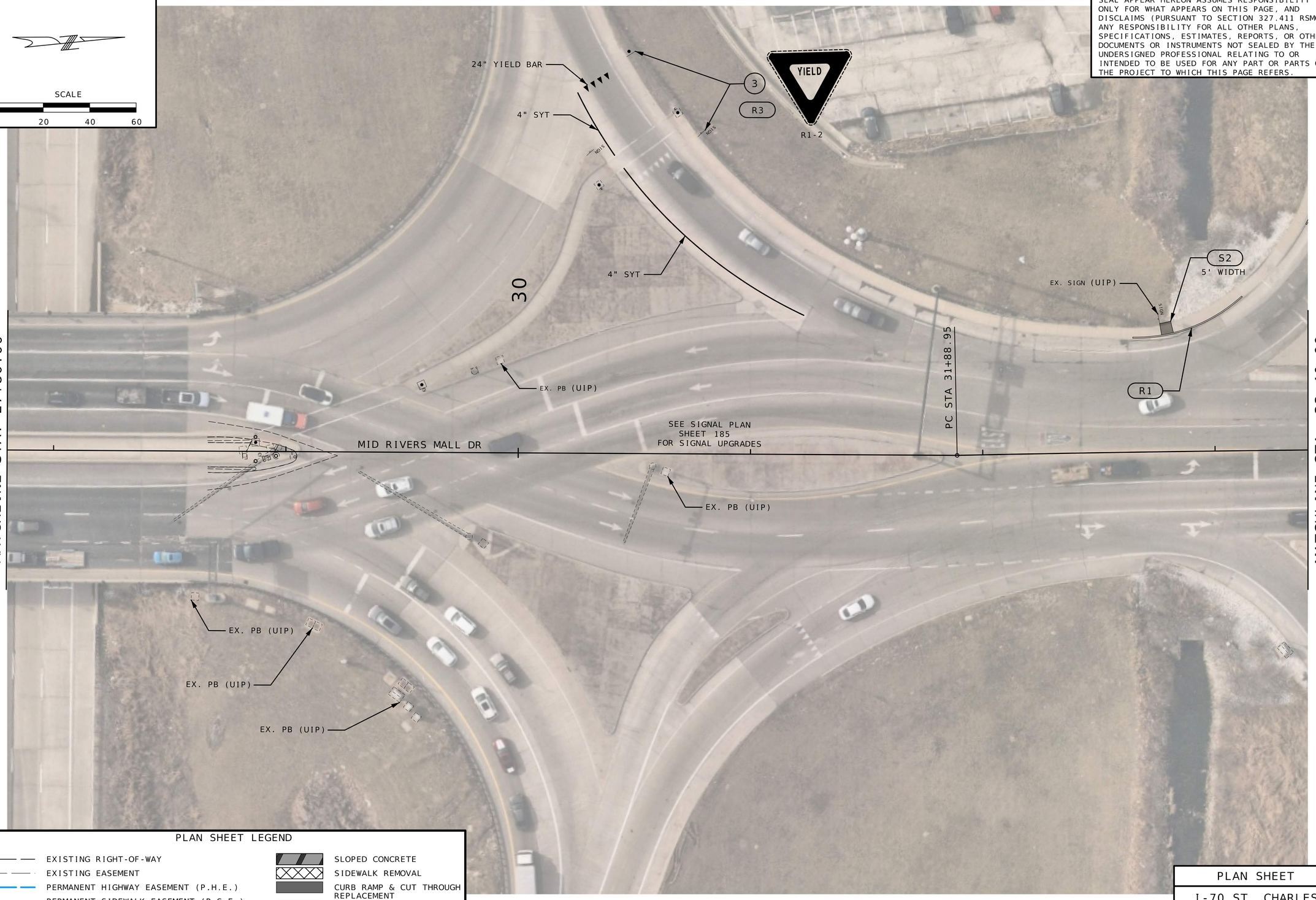
I-70 ST. CHARLES
SHEET 14 OF 17

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

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_50_14_i20.dgn 10:54:45 AM 7/29/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	81

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

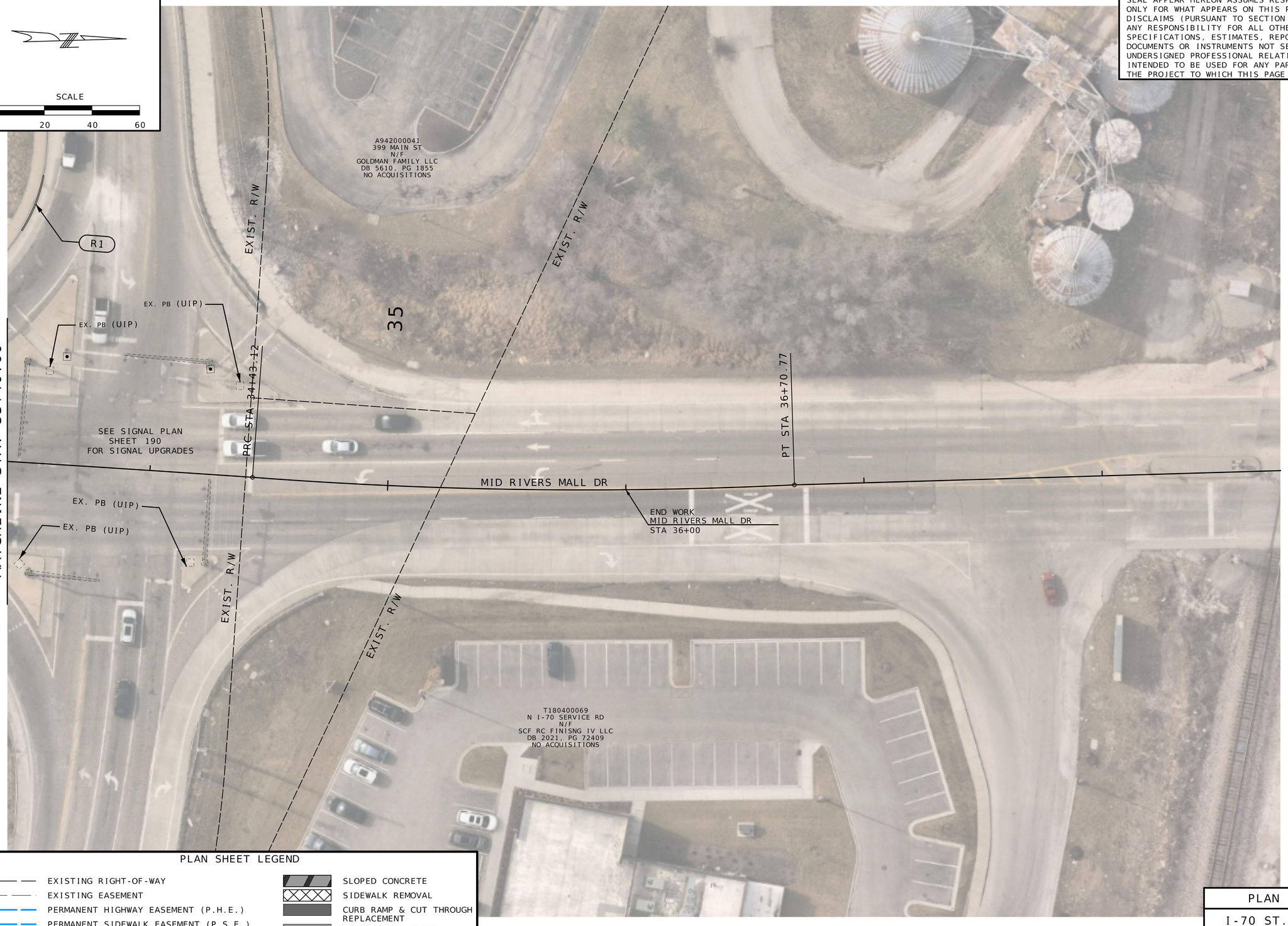
PLAN SHEET

I-70 ST. CHARLES
SHEET 15 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_50_15_i20.dgn 10:54:49 AM 7/29/2026

SCALE

0 20 40 60



PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	82

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

PLAN SHEET

I-70 ST. CHARLES
SHEET 16 OF 17

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_50_16_i20.dgn 10:54:53 AM 7/29/2026

SCALE

0 20 40 60

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:50:36 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	83

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

TAYCO SUBDIVISION
PLAT ONE
PB. 46 PG LOT 118
LOT 3

2-0057-A688-00-0003.0000000
BRYAN RD
N/F
TAYCO BRYAN ROAD LLLP
BK. 5243, PG. 1431
NO ACQUISITIONS

EXIST. R/W

I-70 EASTBOUND OFF RAMP

a) W11-2
36" X 36"
b) W16-7P
30" X 18"

YIELD

R1-2

7

C3

4

R3

CONTINENTAL CROSSING

6" SWT

EX. SIGN (UIP)

EX. PB (UIP)

C9

S2-A

5 1/2'

24" YIELD BAR

CONTINENTAL CROSSING

6" SWT

SEE SIGNAL PLAN
SHEET 192
FOR SIGNAL UPGRADES

PT STA 15+87.46

BRYAN RD

6" SYT

C9

EX. PB (UIP)

END WORK
BRYAN RD
STA 18+00

BEGIN WORK
BRYAN RD
STA 15+00

24" SWT STOP BAR

CONTINENTAL CROSSING

6" SWT

EX. SIGN (UIP)

6" SWT

CONTINENTAL CROSSING

EX. PB (UIP)

EX. PB (UIP)

C9

S2-A

5 1/2'

24" YIELD BAR

C3

EXIST. R/W

5

6

R3

2-0057-A731-00-0001.0000000
BRYAN RD
N/F
TBURKEMPER FAMILY
PARTNERSHIP LP
DB 2023, PG 13935
DOC.#02023R-013936
NO ACQUISITIONS

BRYAN AND VETERANS MEMORIAL COMMERCIAL
PB. 46 PG LOT 186
LOT 1

I-70 EASTBOUND ON RAMP

YIELD

R1-2

a) W11-2
36" X 36"
b) W16-YP
30" X 18"

PLAN SHEET LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT
- PERMANENT HIGHWAY EASEMENT (P.H.E.)
- PERMANENT SIDEWALK EASEMENT (P.S.E.)
- TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
- SLOPED CONCRETE
- SIDEWALK REMOVAL
- CURB RAMP & CUT THROUGH REPLACEMENT
- SIDEWALK/CONCRETE REPLACEMENT

PLAN SHEET

I-70 ST. CHARLES
SHEET 17 OF 17

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

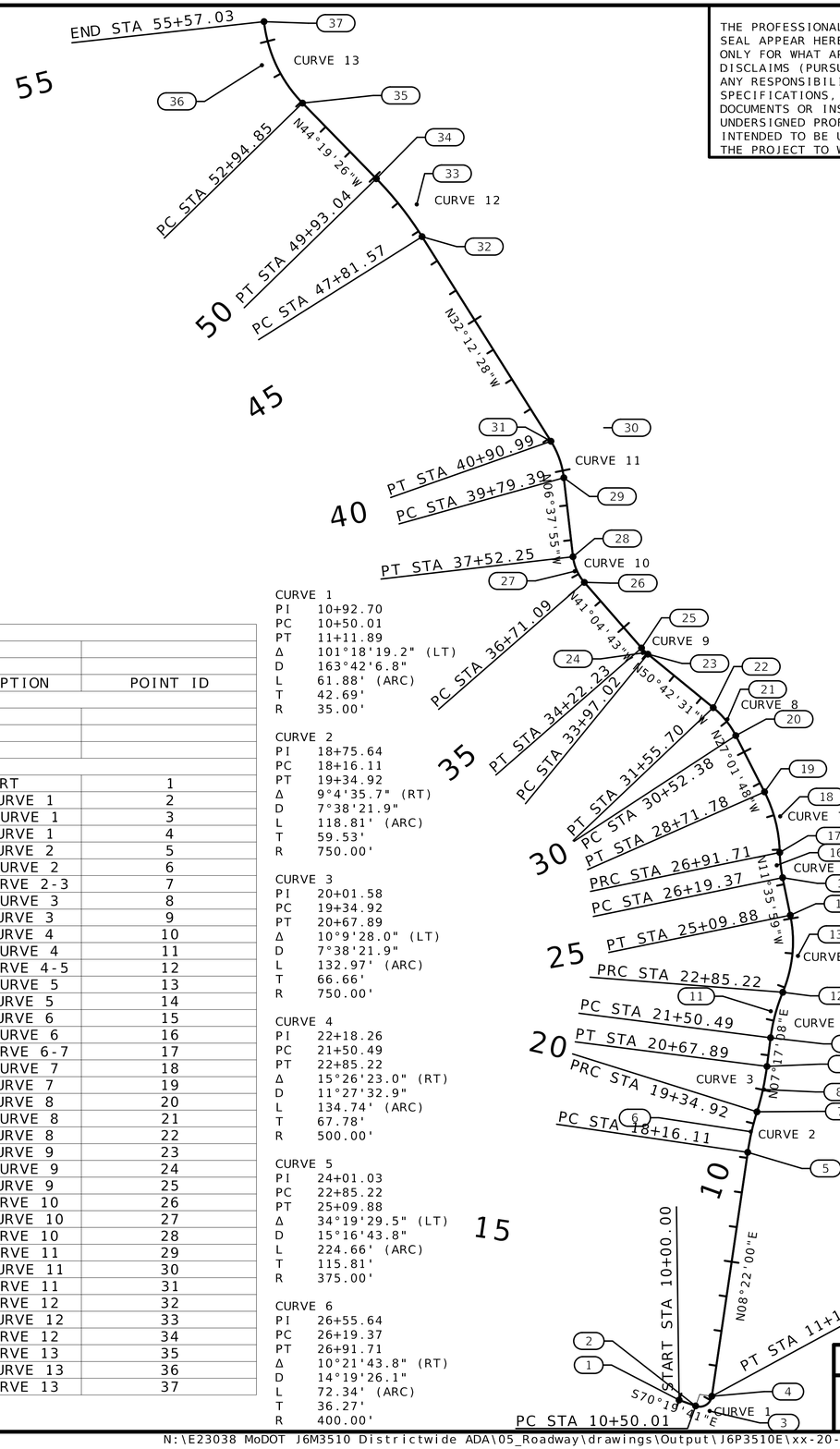
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_PN_J6P3510_56_17_i20.dgn 10:53:54 AM 7/29/2026

SCALE

0 200 400 600

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. LOUIS 2011
DATUM: NAD83/2011

PROJECTION FACTOR: 1.0000878



CURVE 1
PI 10+92.70
PC 10+50.01
PT 11+11.89
Δ 101°18'19.2" (LT)
D 163°42'6.8"
L 61.88' (ARC)
T 42.69'
R 35.00'

CURVE 2
PI 18+75.64
PC 18+16.11
PT 19+34.92
Δ 9°4'35.7" (RT)
D 7°38'21.9"
L 118.81' (ARC)
T 59.53'
R 750.00'

CURVE 3
PI 20+01.58
PC 19+34.92
PT 20+67.89
Δ 10°9'28.0" (LT)
D 7°38'21.9"
L 132.97' (ARC)
T 66.66'
R 750.00'

CURVE 4
PI 22+18.26
PC 21+50.49
PT 22+85.22
Δ 15°26'23.0" (RT)
D 11°27'32.9"
L 134.74' (ARC)
T 67.78'
R 500.00'

CURVE 5
PI 24+01.03
PC 22+85.22
PT 25+09.88
Δ 34°19'29.5" (LT)
D 15°16'43.8"
L 224.66' (ARC)
T 115.81'
R 375.00'

CURVE 6
PI 26+55.64
PC 26+19.37
PT 26+91.71
Δ 10°21'43.8" (RT)
D 14°19'26.1"
L 72.34' (ARC)
T 36.27'
R 400.00'

CURVE 7
PI 27+83.30
PC 26+91.71
PT 28+71.78
Δ 25°47'33.4" (LT)
D 14°19'26.1"
L 180.07' (ARC)
T 91.59'
R 400.00'

CURVE 8
PI 31+04.79
PC 30+52.38
PT 31+55.70
Δ 23°40'42.5" (LT)
D 22°55'5.8"
L 103.32' (ARC)
T 52.41'
R 250.00'

CURVE 9
PI 34+09.66
PC 33+97.02
PT 34+22.23
Δ 9°37'47.4" (RT)
D 38°11'49.6"
L 25.21' (ARC)
T 12.64'
R 150.00'

CURVE 10
PI 37+12.94
PC 36+71.09
PT 37+52.25
Δ 34°26'48.7" (RT)
D 42°26'28.4"
L 81.16' (ARC)
T 41.85'
R 135.00'

CURVE 11
PI 40+36.14
PC 39+79.39
PT 40+90.99
Δ 25°34'33.1" (LT)
D 22°55'5.8"
L 111.60' (ARC)
T 56.74'
R 250.00'

CURVE 12
PI 48+87.70
PC 47+81.57
PT 49+93.04
Δ 12°6'58.6" (LT)
D 5°43'46.4"
L 211.47' (ARC)
T 106.13'
R 1,000.00'

CURVE 13
PI 54+30.98
PC 52+94.85
PT 55+57.03
Δ 38°1'46.8" (RT)
D 14°30'18.8"
L 262.18' (ARC)
T 136.12'
R 395.00'

COORDINATE POINT LISTING								
				MODIFIED STATE PLANE (GROUND)				
SHEET NO	STATION	LOCATION	OFFSET (USFT)	NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS								
ALIGNMENTS								
	10+00.00	MO 141	CL	990,330.2032	822,010.9681		START	1
	10+50.01	MO 141	CL	990,313.3686	822,058.0575		PC - CURVE 1	2
	10+80.95	MO 141	20.20 RT	990,298.9978	822,098.2556		HPI - CURVE 1	3
	11+11.89	MO 141	CL	990,341.2331	822,104.4673		PT - CURVE 1	4
	18+16.11	MO 141	CL	991,037.9582	822,206.9368		PC - CURVE 2	5
	18+75.52	MO 141	2.36 LT	991,096.8553	822,215.5990		HPI - CURVE 2	6
	19+34.92	MO 141	CL	991,153.6484	822,233.4440		PRC - CURVE 2-3	7
	20+01.41	MO 141	2.96 RT	991,217.2403	822,253.4252		HPI - CURVE 3	8
	20+67.89	MO 141	CL	991,283.3594	822,261.8783		PT - CURVE 3	9
	21+50.49	MO 141	CL	991,365.2882	822,272.3525		PC - CURVE 4	10
	22+17.85	MO 141	4.57 LT	991,432.5202	822,280.9478		HPI - CURVE 4	11
	22+85.22	MO 141	CL	991,495.0375	822,307.1317		PRC - CURVE 4-5	12
	23+97.55	MO 141	17.48 RT	991,601.8593	822,351.8715		HPI - CURVE 5	13
	25+09.88	MO 141	CL	991,715.3064	822,328.5849		PT - CURVE 5	14
	26+19.37	MO 141	CL	991,822.5645	822,306.5687		PC - CURVE 6	15
	26+55.54	MO 141	1.64 LT	991,858.0935	822,299.2759		HPI - CURVE 6	16
	26+91.71	MO 141	CL	991,894.3547	822,298.4926		PRC - CURVE 6-7	17
	27+81.75	MO 141	10.35 RT	991,985.9184	822,296.5147		HPI - CURVE 7	18
	28+71.78	MO 141	CL	992,067.4995	822,254.8932		PT - CURVE 7	19
	30+52.38	MO 141	CL	992,228.3741	822,172.8171		PC - CURVE 8	20
	31+04.04	MO 141	5.32 RT	992,275.0561	822,149.0006		HPI - CURVE 8	21
	31+55.70	MO 141	CL	992,308.2433	822,108.4414		PT - CURVE 8	22
	33+97.02	MO 141	CL	992,461.0642	821,921.6740		PC - CURVE 9	23
	34+09.63	MO 141	0.53 LT	992,469.0656	821,911.8952		HPI - CURVE 9	24
	34+22.23	MO 141	CL	992,478.5900	821,903.5927		PT - CURVE 9	25
	36+71.09	MO 141	CL	992,666.1799	821,740.0703		PC - CURVE 10	26
	37+11.67	MO 141	6.34 LT	992,697.7267	821,712.5709		HPI - CURVE 10	27
	37+52.25	MO 141	CL	992,739.2967	821,707.7377		PT - CURVE 10	28
	39+79.39	MO 141	CL	992,964.9175	821,681.5053		PC - CURVE 11	29
	40+35.19	MO 141	6.36 RT	993,021.2810	821,674.9521		HPI - CURVE 11	30
	40+90.99	MO 141	CL	993,069.2927	821,644.7085		PT - CURVE 11	31
	47+81.57	MO 141	CL	993,653.6121	821,276.6331		PC - CURVE 12	32
	48+87.31	MO 141	5.62 RT	993,743.4111	821,220.0668		HPI - CURVE 12	33
	49+93.04	MO 141	CL	993,819.3367	821,145.9121		PT - CURVE 12	34
	52+94.85	MO 141	CL	994,035.2525	820,935.0321		PC - CURVE 13	35
	54+25.94	MO 141	22.80 LT	994,132.6355	820,839.9204		HPI - CURVE 13	36
	55+57.03	MO 141	CL	994,267.9387	820,824.9964		PT - CURVE 13	37

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	84

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

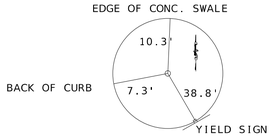
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

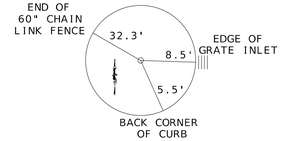
COORDINATE POINTS
MO 141 VALLEY PARK
SHEET 1 OF 3

REV.

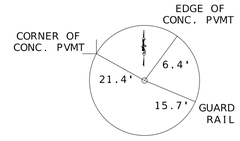
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\xx-20-01_CP_J6P3510E_I200.dgn 11:03:20 AM 8/4/2026



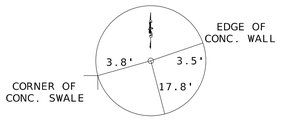
CONTROL POINT #1
SET REBAR W/CAP
NORTHING: 989574.772
EASTING: 822173.222
ELEVATION: 429.984



CONTROL POINT #2
SET REBAR WITH CAP
NORTHING: 990287.612
EASTING: 822147.713
ELEVATION: 448.780

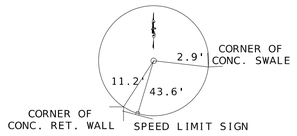


CONTROL POINT #3
SET REBAR WITH CAP
NORTHING: 992578.867
EASTING: 821982.76
ELEVATION: 532.854

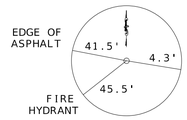


CENTER OF PULL BOX

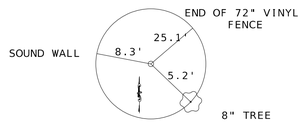
CONTROL POINT #4
SET REBAR W/CAP
NORTHING: 992010.750
EASTING: 822310.895
ELEVATION: 529.898



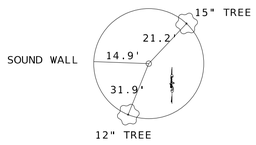
CONTROL POINT #5
SET REBAR W/CAP
NORTHING: 991513.931
EASTING: 822331.836
ELEVATION: 521.959



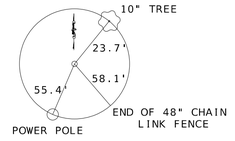
CONTROL POINT #6
SET REBAR W/CAP
NORTHING: 990787.974
EASTING: 822226.151
ELEVATION: 473.777



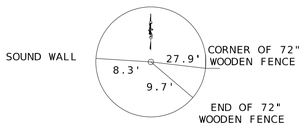
CONTROL POINT #7
SET REBAR W/CAP
NORTHING: 990289.400
EASTING: 822313.279
ELEVATION: 462.071



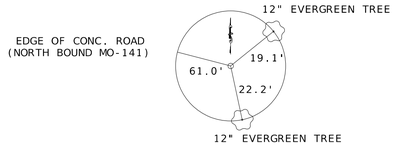
CONTROL POINT #8
SET REBAR WITH CAP
NORTHING: 990572.121
EASTING: 822340.880
ELEVATION: 466.231



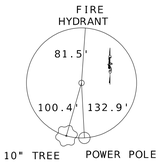
CONTROL POINT #9
SET REBAR WITH CAP
NORTHING: 990811.892
EASTING: 822394.131
ELEVATION: 481.512



CONTROL POINT #10
SET REBAR W/CAP
NORTHING: 991036.794
EASTING: 822410.124
ELEVATION: 499.864



CONTROL POINT #11
SET REBAR W/CAP
NORTHING: 991409.688
EASTING: 822499.069
ELEVATION: 525.321



CONTROL POINT #12
SET REBAR W/CAP
NORTHING: 991682.212
EASTING: 822526.426
ELEVATION: 539.273

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	85

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

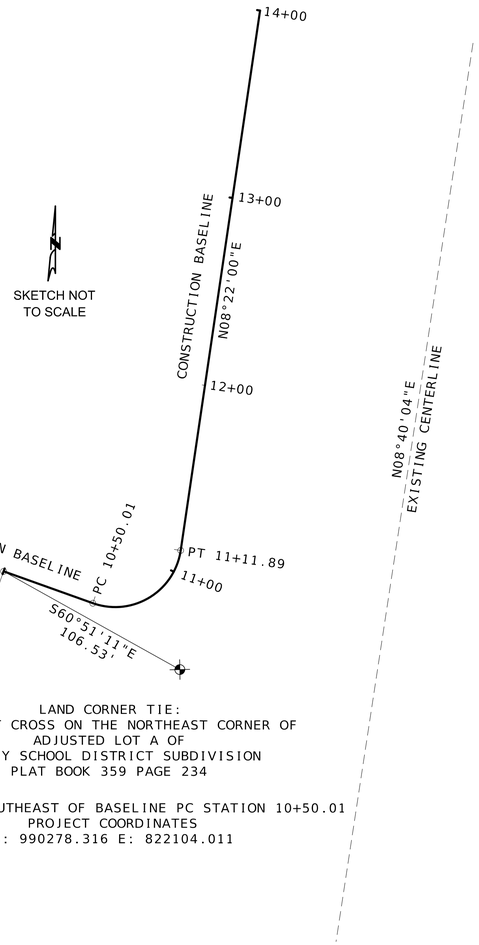
REFERENCE POINT SHEET

MO 141 VALLEY PARK
SHEET 2 OF 3

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\xx-20-02_RP_J6P3510E_I20.dgn 11:03:22 AM 8/4/2026

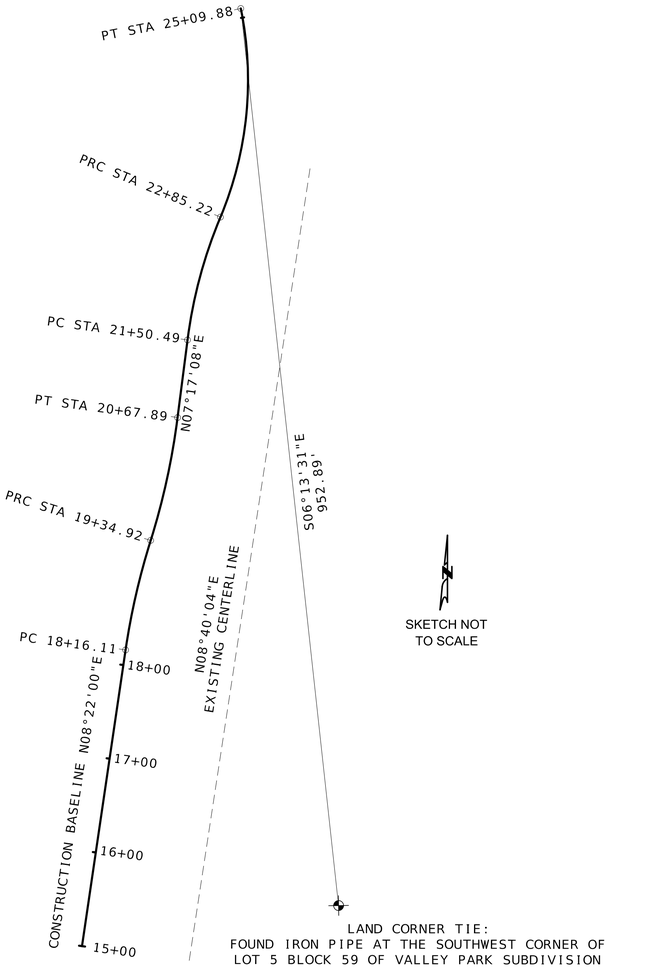
DISCLAIMER

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



LAND CORNER TIE:
FOUND CUT CROSS ON THE NORTHEAST CORNER OF
ADJUSTED LOT A OF
VALLEY SCHOOL DISTRICT SUBDIVISION
PLAT BOOK 359 PAGE 234

57.80 FEET SOUTHEAST OF BASELINE PC STATION 10+50.01
PROJECT COORDINATES
N: 990278.316 E: 822104.011



LAND CORNER TIE:
FOUND IRON PIPE AT THE SOUTHWEST CORNER OF
LOT 5 BLOCK 59 OF VALLEY PARK SUBDIVISION
PLAT BOOK 6 PAGE 10

262.49 FEET SOUTHEAST OF BASELINE OF STATION 16+00
PROJECT COORDINATES
N: 990768.040 E: 822431.912

REFERENCE POINT SHEET

MO 141 VALLEY PARK

SHEET 3 OF 3

STATE OF MISSOURI
PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	86

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCALE

0 200 400 600

CURVE NOR 1	
PI	17+37.29
PC	16+48.76
PT	18+25.49
Δ	8°44'12.0" (LT)
D	4°56'36.8"
L	176.73' (ARC)
T	88.54'
R	1,159.00'

CURVE NOR 2	
PI	23+11.89
PC	21+33.43
PT	24+89.73
Δ	8°13'54.4" (RT)
D	2°18'37.1"
L	356.31' (ARC)
T	178.46'
R	2,480.00'

CURVE NOR 3	
PI	30+75.63
PC	28+95.06
PT	32+52.54
Δ	19°58'56.1" (LT)
D	5°35'23.4"
L	357.47' (ARC)
T	180.57'
R	1,025.00'

CURVE NOR 4	
PI	47+32.80
PC	45+59.38
PT	49+05.07
Δ	11°26'56.7" (LT)
D	3°18'42.8"
L	345.70' (ARC)
T	173.43'
R	1,730.00'

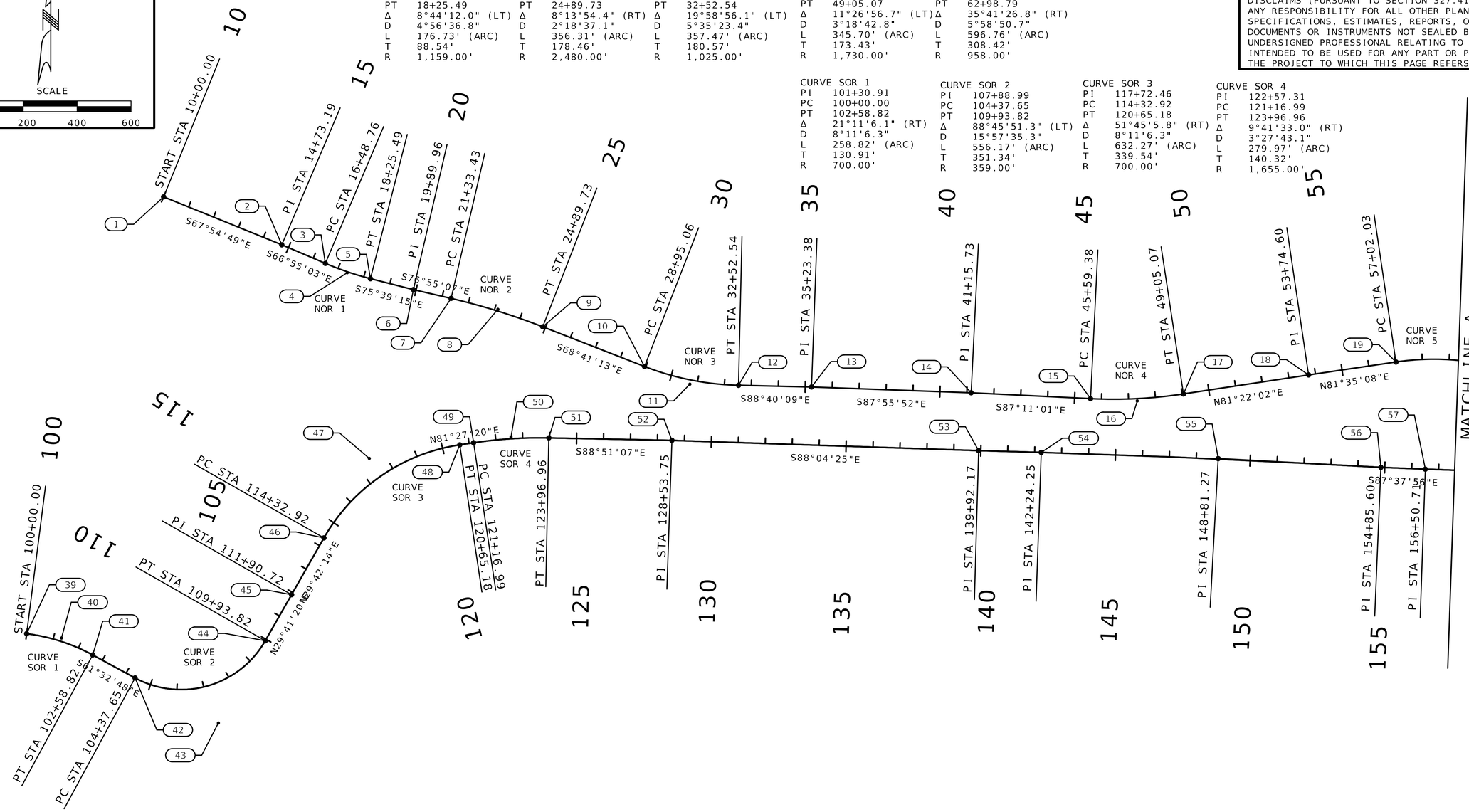
CURVE NOR 5	
PI	60+10.45
PC	57+02.03
PT	62+98.79
Δ	35°41'26.8" (RT)
D	5°58'50.7"
L	596.76' (ARC)
T	308.42'
R	958.00'

CURVE SOR 1	
PI	101+30.91
PC	100+00.00
PT	102+58.82
Δ	21°11'6.1" (RT)
D	8°11'6.3"
L	258.82' (ARC)
T	130.91'
R	700.00'

CURVE SOR 2	
PI	107+88.99
PC	104+37.65
PT	109+93.82
Δ	88°45'51.3" (LT)
D	15°57'35.3"
L	556.17' (ARC)
T	351.34'
R	359.00'

CURVE SOR 3	
PI	117+72.46
PC	114+32.92
PT	120+65.18
Δ	51°45'5.8" (RT)
D	8°11'6.3"
L	632.27' (ARC)
T	339.54'
R	700.00'

CURVE SOR 4	
PI	122+57.31
PC	121+16.99
PT	123+96.96
Δ	9°41'33.0" (RT)
D	3°27'43.1"
L	279.97' (ARC)
T	140.32'
R	1,655.00'



COORDINATE SYSTEM: MODIFIED MISSOURIEAST COORDINATE SYSTEM
NAME: SL - ST. LOUIS 2011
DATUM: NAD83/2011

PROJECTION FACTOR: 1.0000878

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 87
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

COORDINATE POINTS

I-70 OUTER ROAD
SHEET 1 OF 6

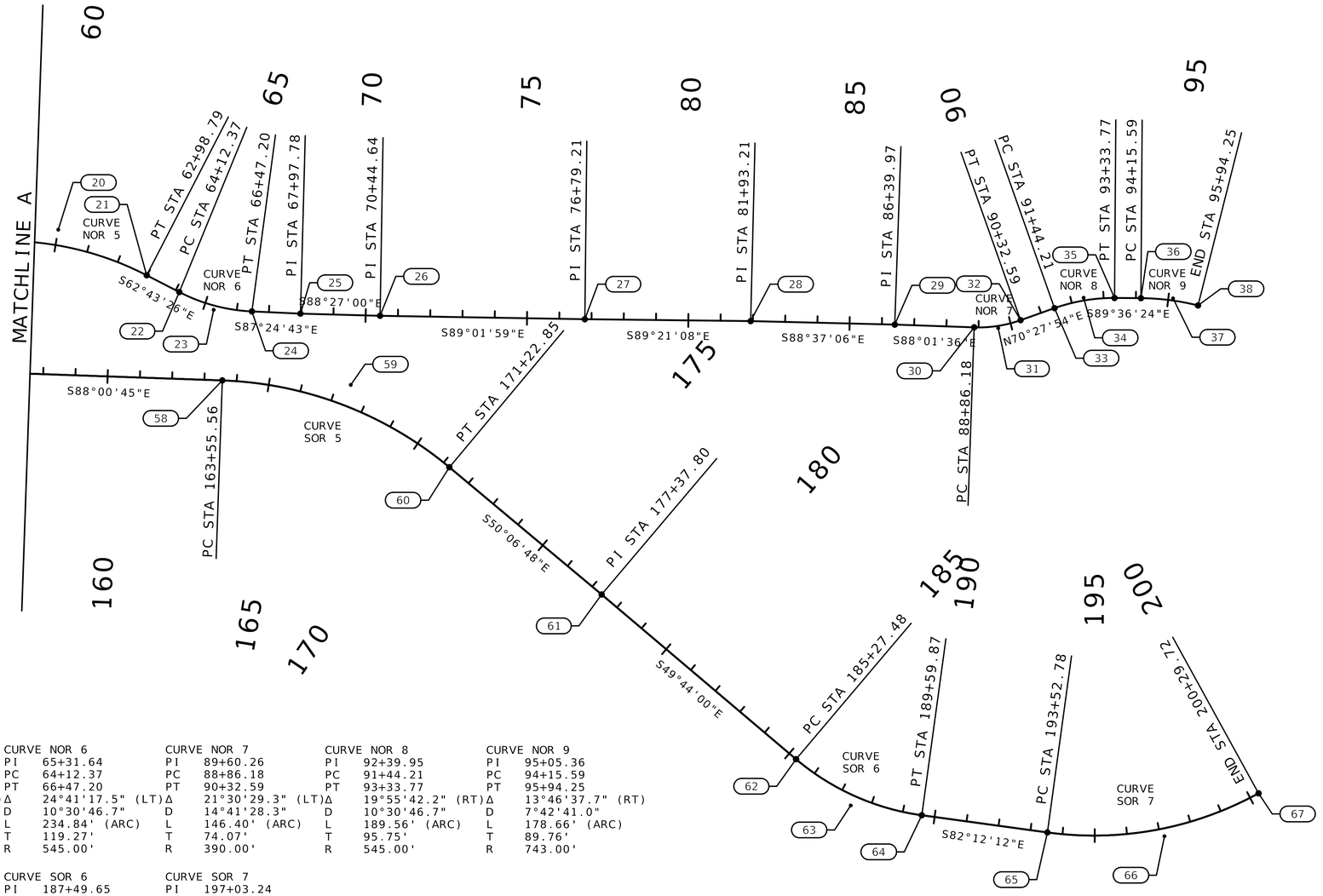
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\xx-37-01_CP_J6P3510E_I200.dgn 11:03:27 AM 8/4/2026

SCALE

0 200 400 600

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. LOUIS 2011
DATUM: NAD83/2011

PROJECTION FACTOR: 1.0000878



CURVE NOR 5		CURVE NOR 6		CURVE NOR 7		CURVE NOR 8		CURVE NOR 9	
PI	60+10.45	PI	65+31.64	PI	89+60.26	PI	92+39.95	PI	95+05.36
PC	57+02.03	PC	64+12.37	PC	88+86.18	PC	91+44.21	PC	94+15.59
PT	62+98.79	PT	66+47.20	PT	90+32.59	PT	93+33.77	PT	95+94.25
Δ	35°41'26.8" (RT)	Δ	24°41'17.5" (LT)	Δ	21°30'29.3" (LT)	Δ	19°55'42.2" (RT)	Δ	13°46'37.7" (RT)
D	5°58'50.7"	D	10°30'46.7"	D	14°41'28.3"	D	10°30'46.7"	D	7°42'41.0"
L	596.76' (ARC)	L	234.84' (ARC)	L	146.40' (ARC)	L	189.56' (ARC)	L	178.66' (ARC)
T	308.42'	T	119.27'	T	74.07'	T	95.75'	T	89.76'
R	958.00'	R	545.00'	R	390.00'	R	545.00'	R	743.00'

CURVE SOR 5		CURVE SOR 6		CURVE SOR 7	
PI	167+53.83	PI	187+49.65	PI	197+03.24
PC	163+55.56	PC	185+27.48	PC	193+52.78
PT	171+22.85	PT	189+59.87	PT	200+29.72
Δ	37°53'56.5" (RT)	Δ	32°28'11.8" (LT)	Δ	36°35'25.9" (LT)
D	4°56'21.4"	D	7°30'33.3"	D	5°24'18.9"
L	767.30' (ARC)	L	432.40' (ARC)	L	676.94' (ARC)
T	398.28'	T	222.18'	T	350.46'
R	1,160.00'	R	763.00'	R	1,060.00'

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 88
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE | REV.

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

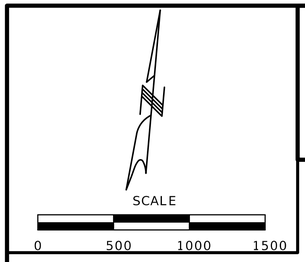
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

COORDINATE POINTS

I-70 OUTER ROAD
SHEET 2 OF 6

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\xx-37-02_CP_J6P3510E_I200.dgn 11:03:29 AM 8/4/2026



COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. LOUIS 2011
DATUM: NAD83/2011
PROJECTION FACTOR: 1.0000878

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

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
				PROJECT CONTROL POINTS				
				ALIGNMENTS				
	10+00.00	I-70 NORTH OUTER RD	CL	1,082,176.3878	753,662.7272		START	1
	14+73.19	I-70 NORTH OUTER RD	CL	1,081,998.4641	754,101.1969		HPI	2
	16+48.76	I-70 NORTH OUTER RD	CL	1,081,929.6340	754,262.7040		PC - CURVE NOR 1	3
	17+37.13	I-70 NORTH OUTER RD	3.38 RT	1,081,894.9230	754,344.1519		HPI - CURVE NOR 1	4
	18+25.49	I-70 NORTH OUTER RD	CL	1,081,872.9861	754,429.9272		PT - CURVE NOR 1	5
	19+89.96	I-70 NORTH OUTER RD	CL	1,081,832.2340	754,589.2719		HPI	6
	21+33.43	I-70 NORTH OUTER RD	CL	1,081,799.7623	754,729.0171		PC - CURVE NOR 2	7
	23+11.59	I-70 NORTH OUTER RD	6.41 LT	1,081,759.3707	754,902.8457		HPI - CURVE NOR 2	8
	24+89.73	I-70 NORTH OUTER RD	CL	1,081,694.5070	755,069.1002		PT - CURVE NOR 2	9
	28+95.06	I-70 NORTH OUTER RD	CL	1,081,547.1840	755,446.7086		PC - CURVE NOR 3	10
	30+73.80	I-70 NORTH OUTER RD	15.78 RT	1,081,481.5527	755,614.9304		HPI - CURVE NOR 3	11
	32+52.54	I-70 NORTH OUTER RD	CL	1,081,477.3588	755,795.4531		PT - CURVE NOR 3	12
	35+23.38	I-70 NORTH OUTER RD	CL	1,081,471.0682	756,066.2225		HPI	13
	41+15.73	I-70 NORTH OUTER RD	CL	1,081,449.6848	756,658.1887		HPI	14
	45+59.38	I-70 NORTH OUTER RD	CL	1,081,427.8866	757,101.2967		PC - CURVE NOR 4	15
	47+32.23	I-70 NORTH OUTER RD	8.67 RT	1,081,419.3654	757,274.5128		HPI - CURVE NOR 4	16
	49+05.07	I-70 NORTH OUTER RD	CL	1,081,445.3966	757,445.9735		PT - CURVE NOR 4	17
	53+74.60	I-70 NORTH OUTER RD	CL	1,081,515.8731	757,910.1832		HPI	18
	57+02.03	I-70 NORTH OUTER RD	CL	1,081,563.7869	758,234.0858		PC - CURVE NOR 5	19
	60+00.41	I-70 NORTH OUTER RD	48.42 LT	1,081,608.9189	758,539.1833		HPI - CURVE NOR 5	20
	62+98.79	I-70 NORTH OUTER RD	CL	1,081,467.5770	758,813.3071		PT - CURVE NOR 5	21
	64+12.37	I-70 NORTH OUTER RD	CL	1,081,415.5246	758,914.2594		PC - CURVE NOR 6	22
	65+29.79	I-70 NORTH OUTER RD	12.9 RT	1,081,360.8660	759,020.2663		HPI - CURVE NOR 6	23
	66+47.20	I-70 NORTH OUTER RD	CL	1,081,355.4805	759,139.4133		PT - CURVE NOR 6	24
	67+97.78	I-70 NORTH OUTER RD	CL	1,081,348.6811	759,289.8411		HPI	25
	70+44.64	I-70 NORTH OUTER RD	CL	1,081,342.0043	759,536.6049		HPI	26
	76+79.21	I-70 NORTH OUTER RD	CL	1,081,331.2966	760,171.0904		HPI	27
	81+93.21	I-70 NORTH OUTER RD	CL	1,081,325.4856	760,685.0495		HPI	28
	86+39.97	I-70 NORTH OUTER RD	CL	1,081,314.7131	761,131.6862		HPI	29
	88+86.18	I-70 NORTH OUTER RD	CL	1,081,306.2356	761,377.7511		PC - CURVE NOR 7	30
	89+59.38	I-70 NORTH OUTER RD	6.97 RT	1,081,303.6851	761,451.7797		HPI - CURVE NOR 7	31
	90+32.59	I-70 NORTH OUTER RD	CL	1,081,328.4536	761,521.5884		PT - CURVE NOR 7	32
	91+44.21	I-70 NORTH OUTER RD	CL	1,081,365.7776	761,626.7842		PC - CURVE NOR 8	33
	92+38.99	I-70 NORTH OUTER RD	8.35 LT	1,081,397.7937	761,717.0199		HPI - CURVE NOR 8	34
	93+33.77	I-70 NORTH OUTER RD	CL	1,081,397.1362	761,812.7647		PT - CURVE NOR 8	35
	94+15.59	I-70 NORTH OUTER RD	CL	1,081,396.5742	761,894.5911		PC - CURVE NOR 9	36
	95+04.92	I-70 NORTH OUTER RD	5.40 LT	1,081,395.9579	761,984.3515		HPI - CURVE NOR 9	37
	95+94.25	I-70 NORTH OUTER RD	CL	1,081,373.9831	762,071.3827		PT - CURVE NOR 9	38

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 89
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

COORDINATE POINTS
I-70 OUTER ROAD
SHEET 3 OF 6

SCALE

0 500 1000 1500

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. LOUIS 2011
DATUM: NAD83/2011
PROJECTION FACTOR: 1.0000878

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 90
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
				PROJECT CONTROL POINTS				
				ALIGNMENTS				
	100+00.00	I-70 SOUTH OUTER RD	CL	1,080,555.9558	753,154.7887		PC - CURVE SOR 1	39
	101+29.41	I-70 SOUTH OUTER RD	12.14 LT	1,080,539.3942	753,284.6436		HPI - CURVE SOR 1	40
	102+58.82	I-70 SOUTH OUTER RD	CL	1,080,477.0248	753,399.7376		PT - CURVE SOR 1	41
	104+37.65	I-70 SOUTH OUTER RD	CL	1,080,391.8266	753,556.9589		PC - CURVE SOR 2	42
	107+15.73	I-70 SOUTH OUTER RD	143.32 RT	1,080,224.4338	753,865.8587		HPI - CURVE SOR 2	43
	109+93.82	I-70 SOUTH OUTER RD	CL	1,080,529.6517	754,039.8743		PT - CURVE SOR 2	44
	111+90.72	I-70 SOUTH OUTER RD	CL	1,080,700.7079	754,137.3995		HPI	45
	114+32.92	I-70 SOUTH OUTER RD	CL	1,080,911.0785	754,257.4116		PC - CURVE SOR 3	46
	117+49.05	I-70 SOUTH OUTER RD	78.00 LT	1,081,205.9994	754,425.6578		HPI - CURVE SOR 3	47
	120+65.18	I-70 SOUTH OUTER RD	CL	1,081,256.4470	754,761.4258		PT - CURVE SOR 3	48
	121+16.99	I-70 SOUTH OUTER RD	CL	1,081,264.1446	754,812.6590		PC - CURVE SOR 4	49
	122+56.98	I-70 SOUTH OUTER RD	5.94 LT	1,081,284.9930	754,951.4213		HPI - CURVE SOR 4	50
	123+96.96	I-70 SOUTH OUTER RD	CL	1,081,282.1817	755,091.7128		PT - CURVE SOR 4	51
	128+53.75	I-70 SOUTH OUTER RD	CL	1,081,273.0302	755,548.4055		HPI	52
	139+92.17	I-70 SOUTH OUTER RD	CL	1,081,234.7593	756,686.1847		HPI	53
	142+24.25	I-70 SOUTH OUTER RD	CL	1,081,228.1903	756,918.1744		HPI	54
	148+81.27	I-70 SOUTH OUTER RD	CL	1,081,205.4184	757,574.7961		HPI	55
	154+85.60	I-70 SOUTH OUTER RD	CL	1,081,172.9561	758,178.2564		HPI	56
	156+50.71	I-70 SOUTH OUTER RD	CL	1,081,166.1345	758,343.2239		HPI	57
	163+55.56	I-70 SOUTH OUTER RD	CL	1,081,141.6879	759,047.6476		PC - CURVE SOR 5	58
	167+39.20	I-70 SOUTH OUTER RD	66.47 LT	1,081,127.8743	759,445.6849		HPI - CURVE SOR 5	59
	171+22.85	I-70 SOUTH OUTER RD	CL	1,080,872.4710	759,751.2887		PT - CURVE SOR 5	60
	177+37.80	I-70 SOUTH OUTER RD	CL	1,080,478.1220	760,223.1485		HPI	61
	185+27.48	I-70 SOUTH OUTER RD	CL	1,079,967.7196	760,825.7042		PC - CURVE SOR 6	62
	187+43.68	I-70 SOUTH OUTER RD	31.69 RT	1,079,824.1162	760,995.2353		HPI - CURVE SOR 6	63
	189+59.87	I-70 SOUTH OUTER RD	CL	1,079,793.9758	761,215.3585		PT - CURVE SOR 6	64
	193+52.78	I-70 SOUTH OUTER RD	CL	1,079,740.6750	761,604.6290		PC - CURVE SOR 7	65
	196+91.25	I-70 SOUTH OUTER RD	56.43 RT	1,079,693.1313	761,951.8536		HPI - CURVE SOR 7	66
	200+29.72	I-70 SOUTH OUTER RD	CL	1,079,861.9356	762,258.9861		PT - CURVE SOR 7	67

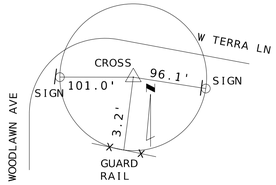
DESCRIPTION | DATE | REV.

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

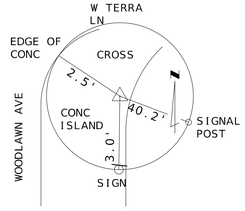
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

COORDINATE POINTS
I-70 OUTER ROAD
SHEET 4 OF 6

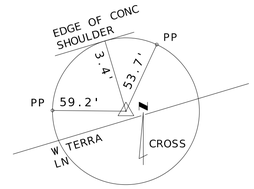
DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED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



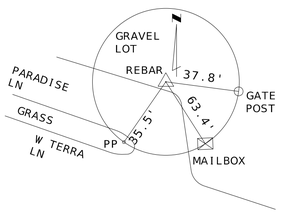
REFERENCE TIE
CONTROL POINT #1
N 1081365.323
E 761996.749
ELEV 592.47
CUT CROSS IN CONC SHOULDER; ON THE SOUTH SIDE OF W TERRA LANE, APPROX. 165' EAST OF INTERSECTION BETWEEN WOODLAWN AVE AND W TERRA LANE.



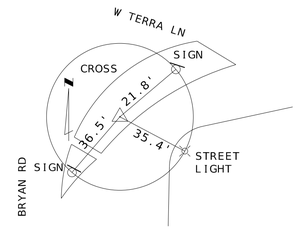
REFERENCE TIE
CONTROL POINT #2
N 1081377.558
E 761835.418
ELEV 599.46
CUT CROSS IN CONC ISLAND; NEAR THE SOUTHEAST CORNER OF THE INTERSECTION OF WOODLAWN AVE AND W TERRA LANE.



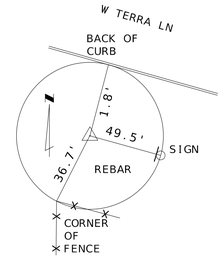
REFERENCE TIE
CONTROL POINT #3
N 1081378.735
E 761598.933
ELEV 594.00
CUT CROSS IN CONC SHOULDER; ON THE NORTH SIDE OF W TERRA LANE, APPROX. 225' WEST OF INTERSECTION BETWEEN WOODLAWN AVE AND W TERRA LANE.



REFERENCE TIE
CONTROL POINT #4
N 1082044.801
E 754152.070
ELEV 610.76
REBAR WITH CAP IN GRAVEL LOT; APPROX 70 FEET NORTH OF THE INTERSECTION OF W TERRA LN AND PARADISE LN. ON THE NORTH SIDE OF PARADISE LN.



REFERENCE TIE
CONTROL POINT #5
N 1082049.737
E 753881.180
ELEV 598.72
CUT CROSS IN CONC ISLAND; AT THE SOUTHEAST CORNER OF THE INTERSECTION OF W TERRA LN AND BRYAN RD.



REFERENCE TIE
CONTROL POINT #6
N 1082250.956
E 753423.654
ELEV 583.00
REBAR WITH CAP IN GRASS; AT THE SOUTHEAST CORNER OF THE INTERSECTION OF W TERRA LN AND HERMAN DR.

REFERENCE POINT SHEET
1-70 OUTER ROAD
SHEET 5 OF 6

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 91
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

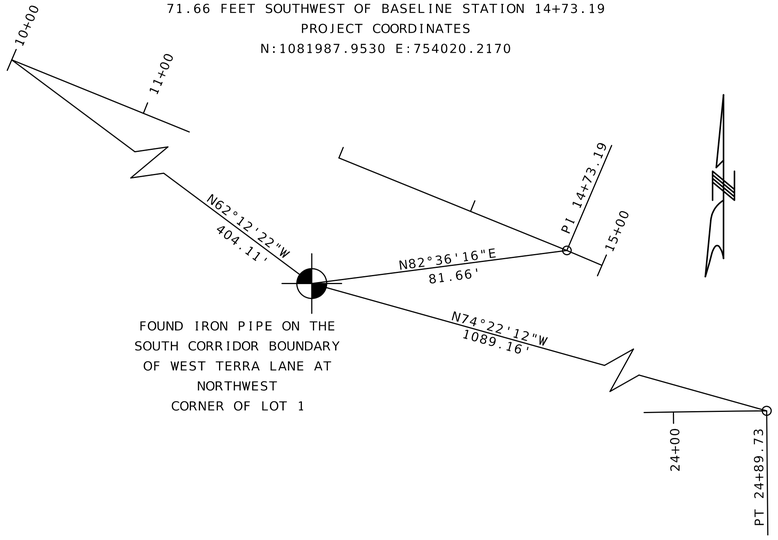
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE | REV.

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

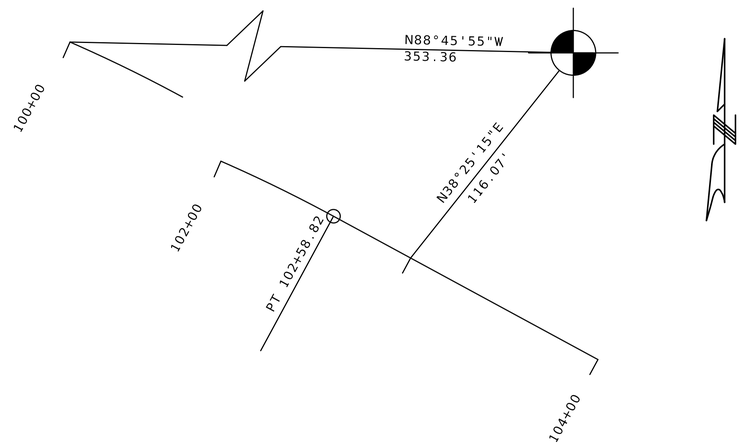
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

LAND CORNER TIE:
FOUND IRON PIPE ON THE SOUTH CORRIDOR BOUNDARY OF
WEST TERRA LANE, NORTHWEST CORNER OF LOT 1 AS SHOWN
ON PLAT OF PREMIER 3 AUTO AND ST LOUIS RV SERVICE
PB 41, PG 171
71.66 FEET SOUTHWEST OF BASELINE STATION 14+73.19
PROJECT COORDINATES
N:1081987.9530 E:754020.2170



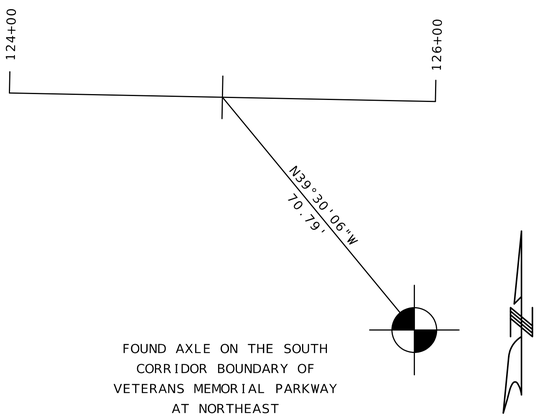
FOUND IRON PIPE ON THE
SOUTH CORRIDOR BOUNDARY
OF WEST TERRA LANE AT
NORTHWEST
CORNER OF LOT 1

LAND CORNER TIE:
FOUND REBAR ON THE WEST CORRIDOR BOUNDARY OF
VETERANS MEMORIAL PARKWAY, SOUTHEAST CORNER OF
LOT 2 AS SHOWN ON PLAT TAYCO SUBDIVISION PLAT
ONE
PB 46, PG 118
116.07 FEET NORTHEAST OF BASELINE STATION
103+00
PROJECT COORDINATES
N:1080548.3420 E:753508.0680



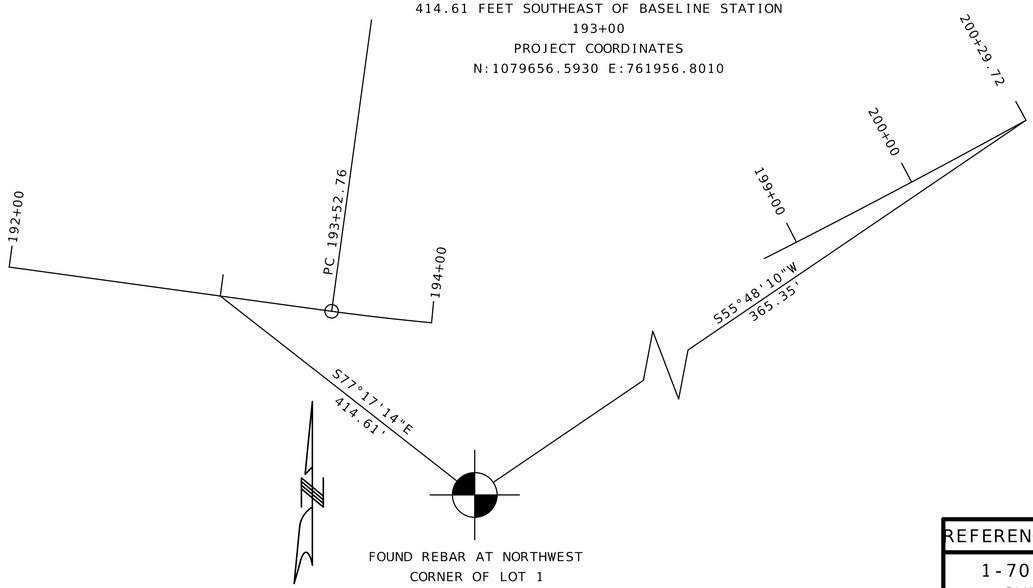
FOUND REBAR ON THE WEST
CORRIDOR BOUNDARY OF VETERANS
MEMORIAL PARKWAY AT SOUTHEAST
CORNER OF LOT 2

LAND CORNER TIE:
FOUND AXLE ON THE SOUTH CORRIDOR BOUNDARY OF
VETERANS MEMORIAL PARKWAY, NORTHEAST CORNER OF
LOT B AS SHOWN ON PLAT OF MAGNOLIA COMMERCIAL
DOC #2021R-070273
70.79 FEET SOUTHEAST OF BASELINE STATION 125+00
PROJECT COORDINATES
N:1081225.4920 E:755239.7620



FOUND AXLE ON THE SOUTH
CORRIDOR BOUNDARY OF
VETERANS MEMORIAL PARKWAY
AT NORTHEAST
CORNER OF LOT B

LAND CORNER TIE:
FOUND REBAR AT THE NORTWEST CORNER OF LOT 1 AS
SHOWN ON PLAT OF FIRST BAPTIST CHURCH OF
O'FALLON
DOC #2023R-005552
414.61 FEET SOUTHEAST OF BASELINE STATION
193+00
PROJECT COORDINATES
N:1079656.5930 E:761956.8010



FOUND REBAR AT NORTHWEST
CORNER OF LOT 1

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 92
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

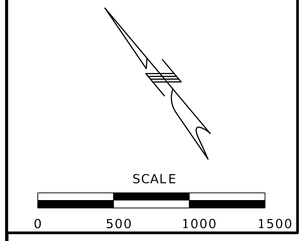
REV.	DESCRIPTION	DATE

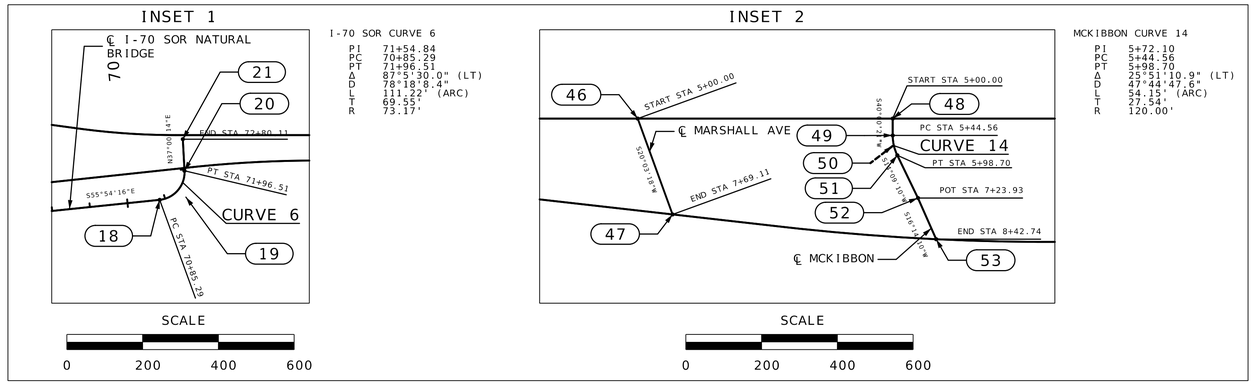
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REFERENCE POINT SHEET
1-70 OUTER ROAD
SHEET 6 OF 6

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\xx-37-06_RP_J6P3510E_I20.dgn 11:03:36 AM 8/4/2026





I-70 SOR CURVE 6

PI	71+54.84
PC	70+85.29
PT	71+96.51
Δ	87°5'30.0" (LT)
D	78°18'8.4"
L	111.22' (ARC)
T	69.55'
R	73.17'

MCKIBBON CURVE 14

PI	5+72.10
PC	5+44.56
PT	5+98.70
Δ	25°51'10.9" (LT)
D	47°44'47.6"
L	54.15' (ARC)
T	27.54'
R	120.00'

I-70 SOR CURVE 1

PI	16+31.57
PC	14+67.55
PT	17+87.51
Δ	31°4'58.7" (LT)
D	9°42'53.2"
L	319.96' (ARC)
T	164.02'
R	589.78'

I-70 SOR CURVE 2

PI	21+50.91
PC	19+59.78
PT	23+27.15
Δ	39°0'38.6" (RT)
D	10°37'8.3"
L	367.37' (ARC)
T	191.13'
R	539.56'

I-70 SOR CURVE 3

PI	23+84.57
PC	23+27.15
PT	24+41.82
Δ	7°34'18.0" (RT)
D	6°36'11.4"
L	114.67' (ARC)
T	57.42'
R	867.70'

I-70 SOR CURVE 4

PI	27+04.49
PC	24+41.82
PT	29+66.14
Δ	8°42'52.0" (RT)
D	1°39'43.4"
L	524.32' (ARC)
T	262.67'
R	3,447.30'

I-70 SOR CURVE 5

PI	36+80.21
PC	35+57.35
PT	38+03.03
Δ	2°11'2.2" (RT)
D	0°53'20.2"
L	245.68' (ARC)
T	122.86'
R	6,445.43'

WB MO 115 CURVE 7

PI	12+04.23
PC	10+74.66
PT	13+33.40
Δ	7°46'33.9" (LT)
D	3°0'19.0"
L	258.75' (ARC)
T	129.57'
R	1,906.50'

WB MO 115 CURVE 8

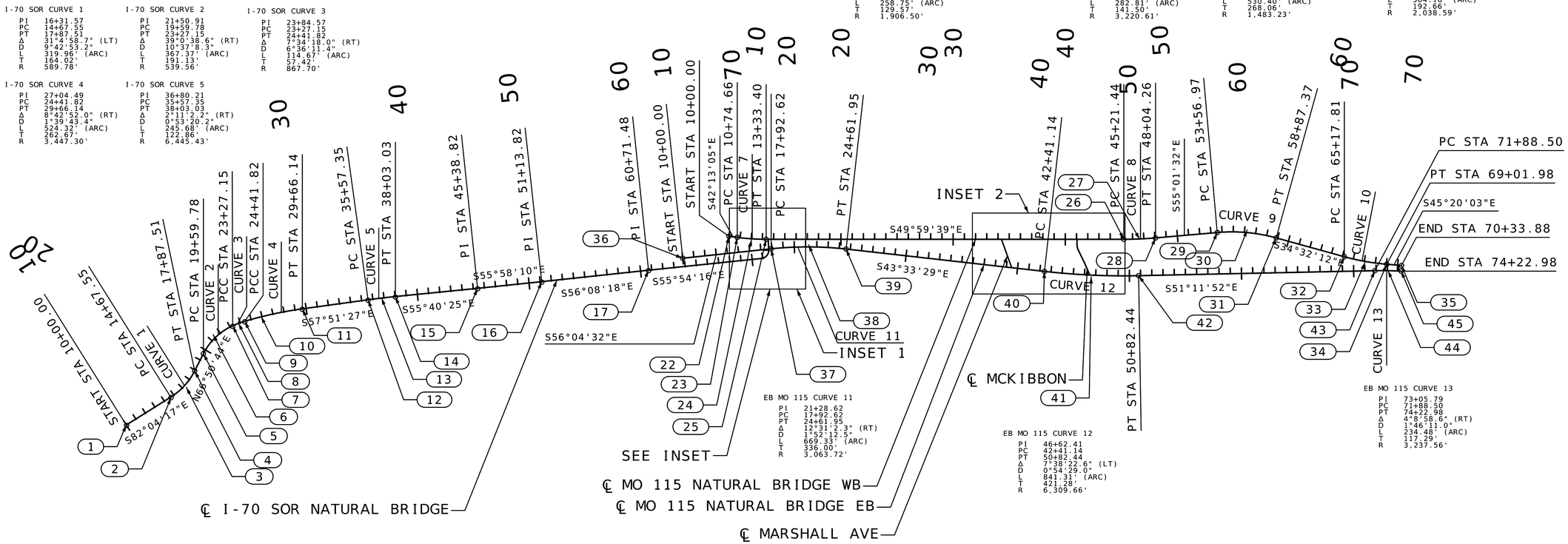
PI	46+62.94
PC	45+21.44
PT	48+04.26
Δ	5°1'52.7" (LT)
D	1°46'44.5"
L	282.81' (ARC)
T	141.50'
R	3,220.61'

WB MO 115 CURVE 9

PI	56+25.03
PC	53+56.97
PT	58+87.37
Δ	20°29'19.8" (RT)
D	3°51'46.4"
L	530.40' (ARC)
T	268.06'
R	1,483.23'

WB MO 115 CURVE 10

PI	67+10.47
PC	65+17.81
PT	69+01.98
Δ	10°47'51.0" (LT)
D	2°48'38.0"
L	384.18' (ARC)
T	192.66'
R	2,038.59'



EB MO 115 CURVE 11

PI	21+28.62
PC	17+92.62
PT	24+61.95
Δ	12°31'2.3" (RT)
D	1°52'12.5"
L	669.33' (ARC)
T	336.00'
R	3,063.72'

EB MO 115 CURVE 12

PI	46+62.41
PC	42+41.14
PT	50+82.44
Δ	7°38'22.6" (LT)
D	0°54'29.0"
L	841.31' (ARC)
T	421.28'
R	6,309.66'

EB MO 115 CURVE 13

PI	73+05.79
PC	71+88.50
PT	74+22.98
Δ	4°8'58.6" (RT)
D	1°46'11.0"
L	234.48' (ARC)
T	117.29'
R	3,237.56'

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:51:54 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	93

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

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

CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COORDINATE POINT SHEET

NATURAL BRIDGE
SHEET 1 OF 4

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_CP_J6P3510_01-02_i500.dgn 8:46:20 AM 7/29/2026

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

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
	WB MO 115 NATURAL BRIDGE	LT	1051542.42	867911.01	566.09	IRON PIN	100
64+24.82	WB MO 115 NATURAL BRIDGE	60.72 RT	1052036.72	867248.75	578.18	IRON PIN	101
56+53.10	WB MO 115 NATURAL BRIDGE	49.21 LT	1052729.52	866882.24	611.79	IRON PIN	102
48+36.38	WB MO 115 NATURAL BRIDGE	35.73 LT	1053157.49	866175.38	626.69	IRON PIN	103
41+96.49	WB MO 115 NATURAL BRIDGE	25.89 LT	1053605.98	865712.94	641.60	IRON PIN	104
34+92.08	WB MO 115 NATURAL BRIDGE	42.14 RT	1054006.72	865129.65	623.97	IRON PIN	105
25+79.98	WB MO 115 NATURAL BRIDGE	47.88 LT	1054662.02	564488.87	603.92	IRON PIN	106
19+08.79	WB MO 115 NATURAL BRIDGE	25.32 LT	1055037.44	863927.70	587.36	IRON PIN	107
68+59.95	I-70 SOR NATURAL BRIDGE	37.30 LT	1055480.48	863195.18	579.01	IRON PIN	108
59+10.06	I-70 SOR NATURAL BRIDGE	36.96 LT	1055950.84	862366.70	566.54	IRON PIN	109
50+05.54	I-70 SOR NATURAL BRIDGE	32.85 RT	1056468.56	861617.99	553.14	IRON PIN	110
41+51.73	I-70 SOR NATURAL BRIDGE	44.12 RT	1056928.82	860905.03	561.99	IRON PIN	111
36+20.08	I-70 SOR NATURAL BRIDGE	27.58 RT	1057239.69	860474.51	578.70	IRON PIN	112
28+62.40	I-70 SOR NATURAL BRIDGE	34.14 RT	1057635.50	859829.91	566.05	IRON PIN	113
23+79.81	I-70 SOR NATURAL BRIDGE	39.73 RT	1057840.36	859401.56	562.16	IRON PIN	114
ALIGNMENTS							
10+00.00	I-70 SOR NATURAL BRIDGE		1057825.72	858070.20		BEGIN PROJECT	1
14+67.55	I-70 SOR NATURAL BRIDGE		1057761.23	858533.28		PC CURVE 1	2
16+31.57	I-70 SOR NATURAL BRIDGE	22.38	1057738.60	858695.73		PI CURVE 1	3
17+87.51	I-70 SOR NATURAL BRIDGE		1057803.10	858846.54		PT CURVE 1	4
19+59.78	I-70 SOR NATURAL BRIDGE		1057870.84	859004.94		PC CURVE 2	5
21+50.91	I-70 SOR NATURAL BRIDGE	32.85	1057945.99	859180.67		PI CURVE 2	6
23+27.15	I-70 SOR NATURAL BRIDGE		1057893.77	859364.52		PT CURVE 2 / PC CURVE 3	7
23+84.57	I-70 SOR NATURAL BRIDGE	1.90	1057878.08	859419.75		PI CURVE 3	8
24+41.82	I-70 SOR NATURAL BRIDGE		1057855.26	859472.44		PT CURVE 3 / PC CURVE 4	9
27+04.49	I-70 SOR NATURAL BRIDGE	9.99	1057750.82	859713.45		PI CURVE 4	10
29+66.14	I-70 SOR NATURAL BRIDGE		1057611.07	859935.86		PT CURVE 4	11
35+57.35	I-70 SOR NATURAL BRIDGE		1057296.54	860436.45		PC CURVE 5	12
36+80.21	I-70 SOR NATURAL BRIDGE	1.17	1057231.17	860540.48		PI CURVE 5	13
38+03.03	I-70 SOR NATURAL BRIDGE		1057161.89	860641.94		PT CURVE 5	14
45+38.82	I-70 SOR NATURAL BRIDGE		1056746.98	861249.58		PI	15
51+13.82	I-70 SOR NATURAL BRIDGE		1056425.19	861726.11		PI	16
60+71.48	I-70 SOR NATURAL BRIDGE		1055891.59	862521.33		PI	17
70+85.29	I-70 SOR NATURAL BRIDGE		1055323.27	863360.87		PC CURVE 6	18
71+54.84	I-70 SOR NATURAL BRIDGE	27.78	1055284.29	863418.47		PI CURVE 6	19
71+96.51	I-70 SOR NATURAL BRIDGE		1055339.83	863460.33		PT CURVE 6	20
72+80.11	I-70 SOR NATURAL BRIDGE		1055406.59	863510.64		END ALIGNMENT	21

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
ALIGNMENTS							
10+00.00	WB MO 115 NATURAL BRIDGE		1055661.28	863266.76		BEGIN ALIGNMENT	22
10+74.66	WB MO 115 NATURAL BRIDGE		1055605.99	863316.92		PC CURVE 1	23
12+04.23	WB MO 115 NATURAL BRIDGE	4.40	1055510.03	863403.99		PI CURVE 1	24
13+33.40	WB MO 115 NATURAL BRIDGE		1055426.73	863503.24		PT CURVE 1	25
45+21.44	WB MO 115 NATURAL BRIDGE		1053377.25	865945.21		PC CURVE 2	26
46+62.94	WB MO 115 NATURAL BRIDGE	3.11	1053286.28	866053.59		PI CURVE 2	27
48+04.26	WB MO 115 NATURAL BRIDGE		1053205.18	866169.54		PT CURVE 2	28
53+56.97	WB MO 115 NATURAL BRIDGE		1052888.35	866622.44		PC CURVE 3	29
56+25.03	WB MO 115 NATURAL BRIDGE	24.03	1052734.70	866842.09		PI CURVE 3	30
58+87.37	WB MO 115 NATURAL BRIDGE		1052513.88	866994.06		PT CURVE 3	31
65+17.81	WB MO 115 NATURAL BRIDGE		1051994.54	867351.48		PC CURVE 4	32
67+10.47	WB MO 115 NATURAL BRIDGE	9.08	1051835.84	867460.70		PI CURVE 4	33
69+01.99	WB MO 115 NATURAL BRIDGE		1051700.40	867597.73		PT CURVE 4	34
70+33.88	WB MO 115 NATURAL BRIDGE		1051607.68	867691.53		END ALIGNMENT	35
10+00.00	EB MO 115 NATURAL BRIDGE		1055776.05	862825.28		BEGIN ALIGNMENT	36
17+92.62	EB MO 115 NATURAL BRIDGE		1055333.68	863482.98		PC CURVE 5	37
21+28.62	EB MO 115 NATURAL BRIDGE	18.37	1055146.16	863761.78		PI CURVE 5	38
24+61.95	EB MO 115 NATURAL BRIDGE		1054902.67	863993.31		PT CURVE 5	39
42+41.14	EB MO 115 NATURAL BRIDGE		1053613.34	865219.34		PC CURVE 6	40
46+62.41	EB MO 115 NATURAL BRIDGE	14.05	1053308.05	865509.64		PI CURVE 6	41
50+82.44	EB MO 115 NATURAL BRIDGE		1053044.06	865837.94		PT CURVE 6	42
71+88.50	EB MO 115 NATURAL BRIDGE		1051724.33	867479.22		PC CURVE 7	43
73+05.80	EB MO 115 NATURAL BRIDGE	2.12	1051650.84	867570.63		PI CURVE 7	44
74+22.98	EB MO 115 NATURAL BRIDGE		1051570.92	867656.48		END PROJECT	45
5+00.00	MARSHALL AVE		1054078.42	865109.76		BEGIN ALIGNMENT	46
7+69.11	MARSHALL AVE		1053825.62	865017.48		END ALIGNMENT	47
5+00.00	MCKIBBON		1053645.65	865625.41		BEGIN ALIGNMENT	48
5+44.56	MCKIBBON		1053611.52	865596.77		PC CURVE 14	49
5+71.63	MCKIBBON	3.12	1053590.42	865579.06		PI CURVE 14	50
5+98.70	MCKIBBON		1053563.72	865572.33		PT CURVE 14	51
7+23.90	MCKIBBON		1053442.29	865541.71		PI	52
8+42.74	MCKIBBON		1053328.22	865508.49		END ALIGNMENT	53

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO

DISTRICT	SHEET NO.
STL	94

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

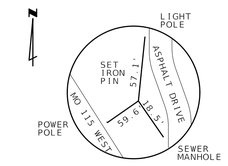
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

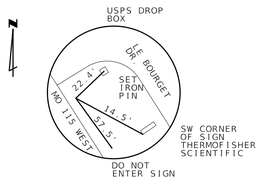
COORDINATE POINT SHEET

NATURAL BRIDGE
SHEET 2 OF 4

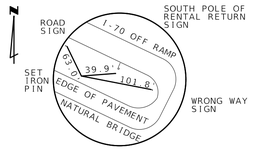
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_CP_J6P3510_01-02_i500.dgn 8:46:20 AM 7/29/2026



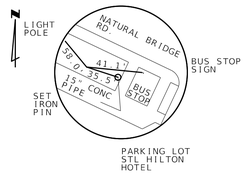
REFERENCE TIE
CONTROL POINT #100
IRON PIN BETWEEN TO ASPHALT DRIVE FOR
9255 NATURAL BRIDGE RD AND MO 115 WEST
N 1051542.424
E 867911.009
ELEV 566.093



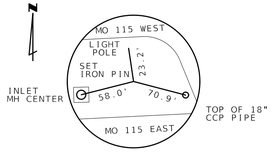
REFERENCE TIE
CONTROL POINT #104
IRON PIN NEXT TO EDGE OF NATURAL
BRIDGE RD AND LE BOURGER DR.
N 1053605.982
E 865712.940
ELEV 641.601



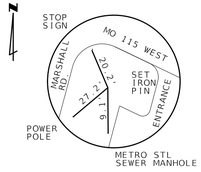
REFERENCE TIE
CONTROL POINT #108
IRON PIN BETWEEN NATURAL BRIDGE RD
AND I-70 OFF RAMP
N 1055480.484
E 863195.183
ELEV 579.005



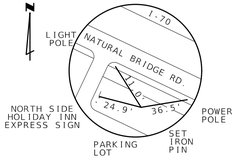
REFERENCE TIE
CONTROL POINT #112
IRON PIN NEAR ENTRANCE
#10330 NATURAL BRIDGE RD.
N 1057239.692
E 860474.506
ELEV 578.695



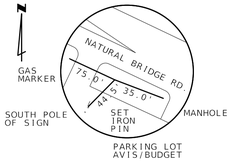
REFERENCE TIE
CONTROL POINT #101
IRON PIN BETWEEN MO 115 WEST
AND MO 115 EAST
N 1052036.719
E 867248.748
ELEV 578.179



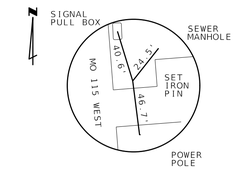
REFERENCE TIE
CONTROL POINT #105
IRON PIN NEXT TO MO 115 WEST
AND MARSHALL AVE
N 1054006.717
E 865129.647
ELEV 623.968



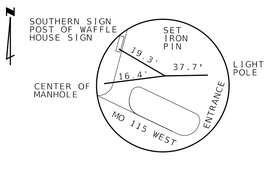
REFERENCE TIE
CONTROL POINT #109
IRON PIN NEAR ENTRANCE
#1000 NATURAL BRIDGE RD.
N 1055950.837
E 862366.699
ELEV 566.536



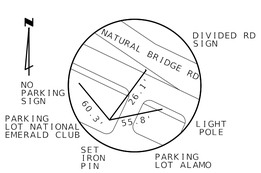
REFERENCE TIE
CONTROL POINT #113
IRON PIN NEAR ENTRANCE
#10482 NATURAL BRIDGE RD.
N 1057635.498
E 859829.913
ELEV 566.05



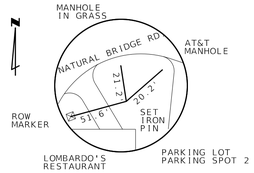
REFERENCE TIE
CONTROL POINT #102
IRON PIN NEXT TO ENTRANCE DRIVE FOR
9331 NATURAL BRIDGE RD AND MO 115 WEST
N 1052729.519
E 866882.239
ELEV 611.788



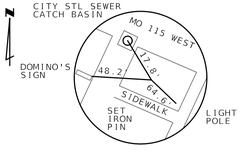
REFERENCE TIE
CONTROL POINT #106
IRON PIN NEXT TO EDGE OF ROAD AND
SIDEWALK ON E SIDE OF ROUTE K
N 1054662.019
E 864488.869
ELEV 603.917



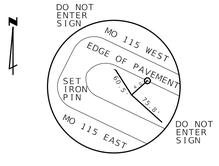
REFERENCE TIE
CONTROL POINT #110
IRON PIN NEAR ENTRANCE
#10168 NATURAL BRIDGE RD.
N 1056458.562
E 861617.987
ELEV 553.141



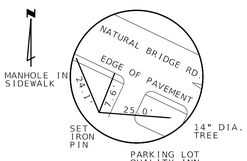
REFERENCE TIE
CONTROL POINT #114
IRON PIN NEAR ENTRANCE
#10488 NATURAL BRIDGE RD.
N 1057840.361
E 859401.557
ELEV 562.156



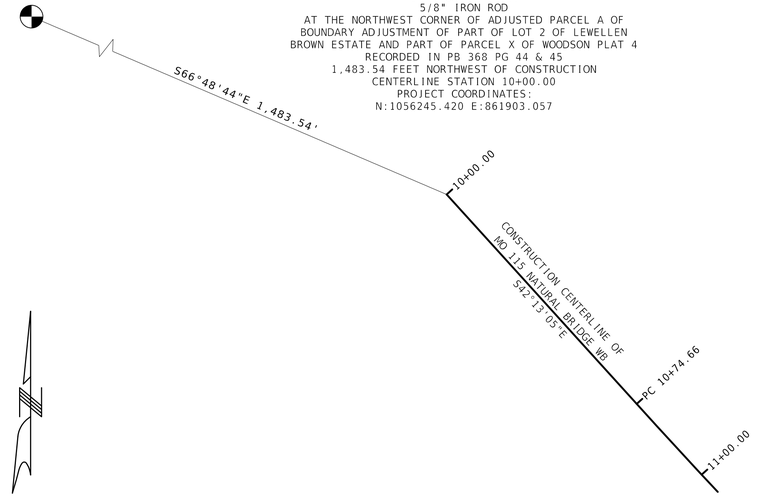
REFERENCE TIE
CONTROL POINT #103
IRON PIN NEXT TO SIDEWALK AND ENTRANCE DRIVE
FOR 9432 NATURAL BRIDGE RD AND MO 115 WEST
N 1053157.487
E 866175.377
ELEV 626.691

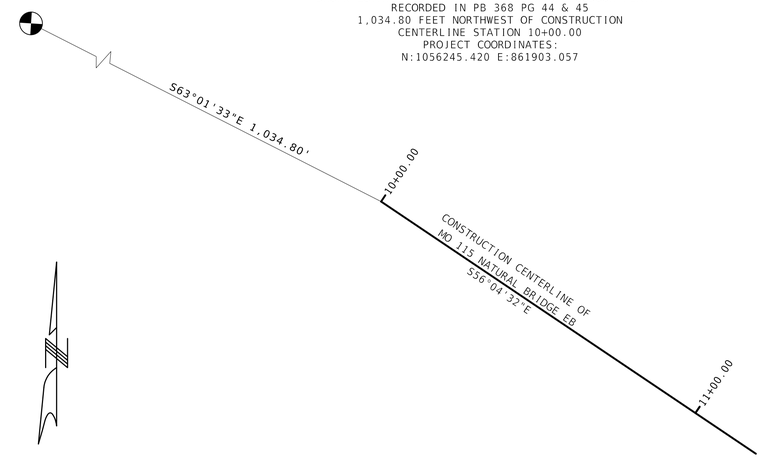


REFERENCE TIE
CONTROL POINT #107
IRON PIN BETWEEN MO 115 WEST
AND MO 115 EAST
N 1055037.444
E 863927.696
ELEV 587.360



REFERENCE TIE
CONTROL POINT #111
IRON PIN NEXT TO SIDEWALK AND ENTRANCE DRIVE
FOR 9432 NATURAL BRIDGE RD AND MO 115 WEST
N 1056928.823
E 860905.025
ELEV 561.985





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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	95

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

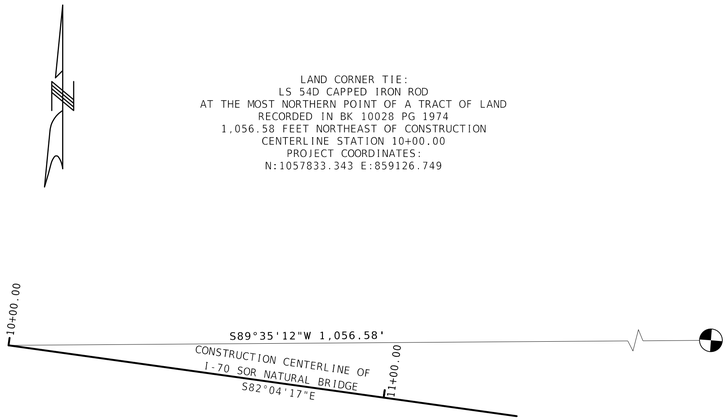
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

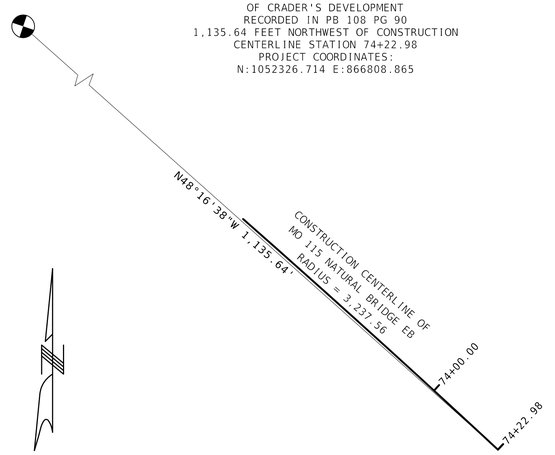
REFERENCE POINT SHEET

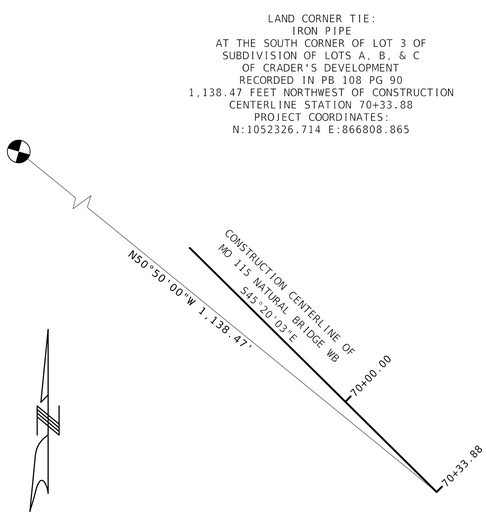
NATURAL BRIDGE
SHEET 3 OF 4

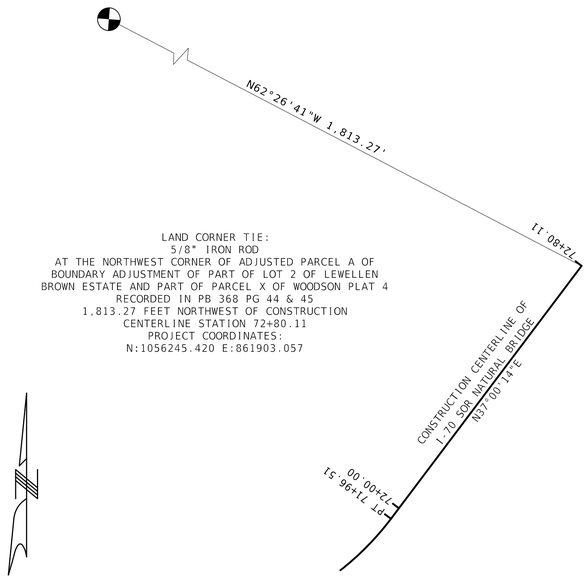
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_RP_J6P3510_01-02.dgn 8:46:24 AM 7/29/2026

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









REFERENCE POINT SHEET

NATURAL BRIDGE
SHEET 4 OF 4

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	96

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

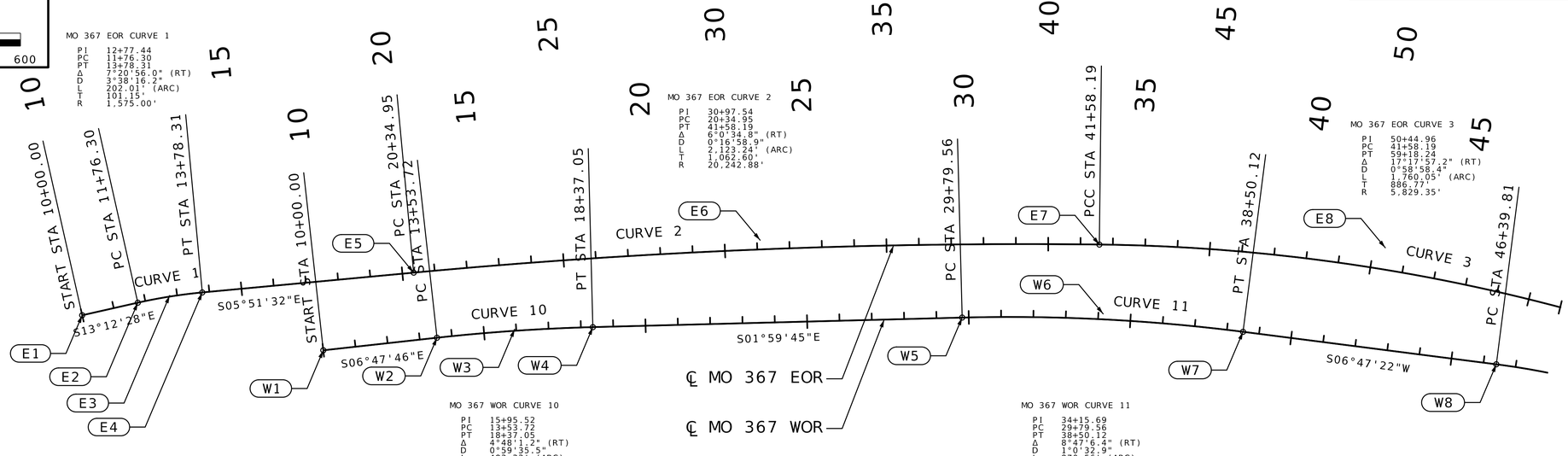
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

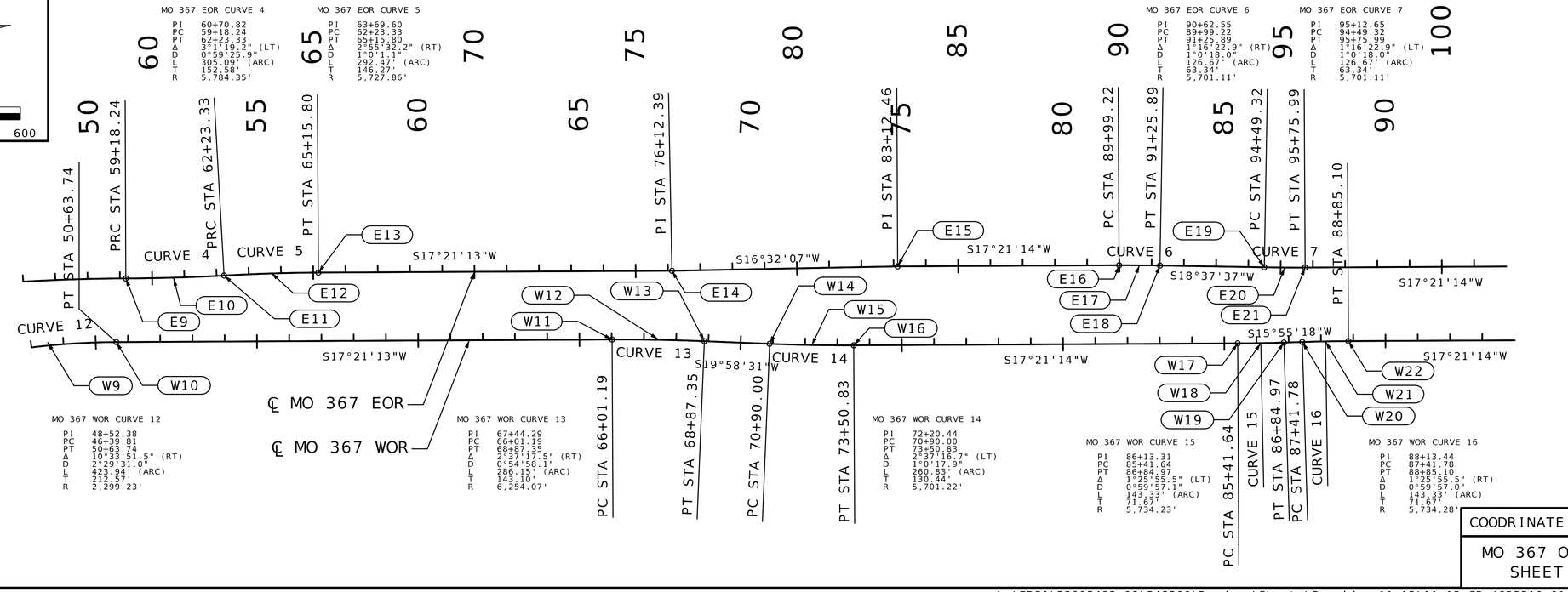
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 200 400 600





SCALE

0 200 400 600

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	97

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COODRINATE POINT SHEET

MO 367 OUTER ROAD
SHEET 1 OF 6

SCALE

0 200 400 600

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	98

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

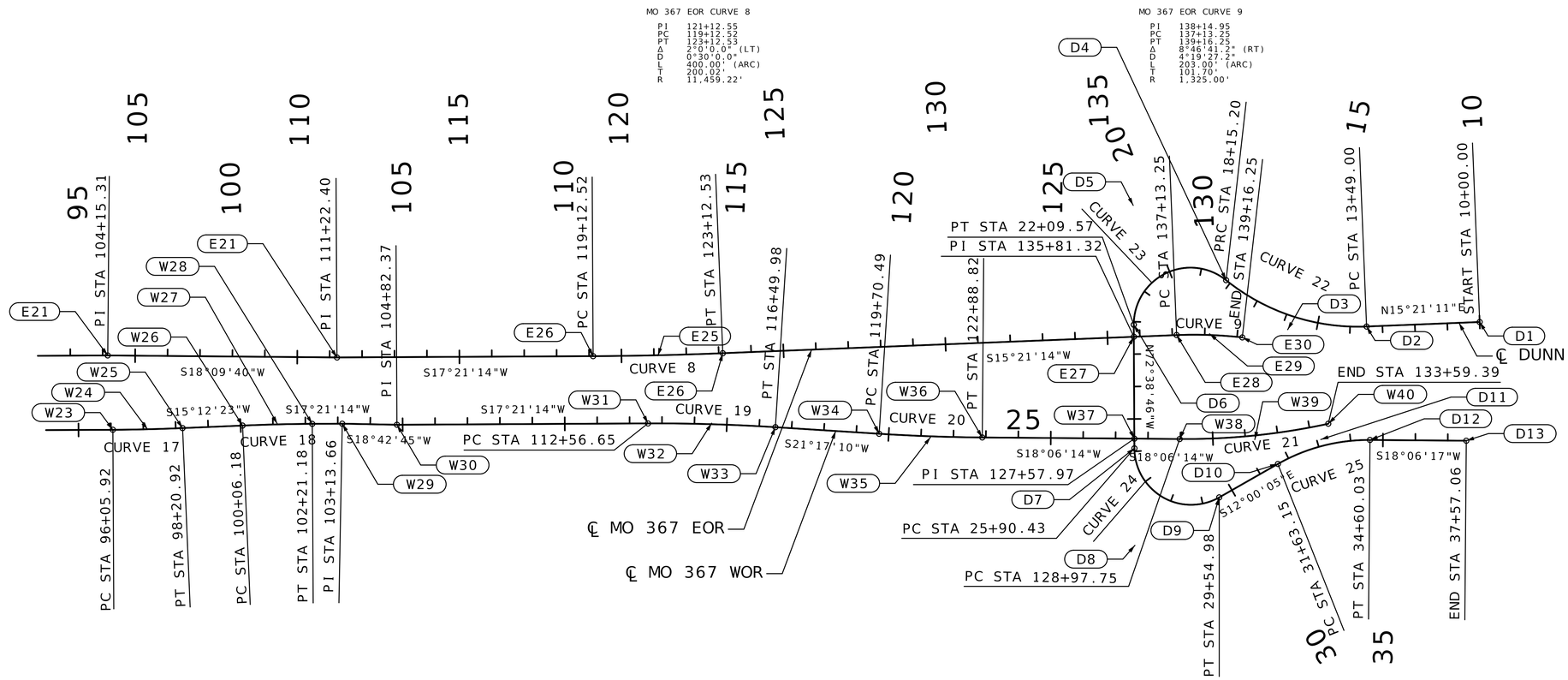
MoDOT

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

MO 367 EOR CURVE 8
PI 121+12.55
PC 119+12.52
PT 123+12.53
Δ 2°0'0.0" (LT)
D 0°30'0.0"
L 400.00' (ARC)
T 200.02'
R 11,459.22'

MO 367 EOR CURVE 9
PI 138+14.95
PC 137+13.25
PT 139+16.25
Δ 8°46'41.2" (RT)
D 4°19'27.2"
L 203.00' (ARC)
T 101.70'
R 1,325.00'



MO 367 WOR CURVE 17
PI 97+13.44
PC 96+05.92
PT 98+20.92
Δ 2°8'51.3" (LT)
D 0°59'55.9"
L 215.00' (ARC)
T 107.53'
R 5,736.04'

MO 367 WOR CURVE 18
PI 101+13.70
PC 100+06.18
PT 102+21.18
Δ 2°8'51.3" (RT)
D 0°59'55.9"
L 215.00' (ARC)
T 107.53'
R 5,736.04'

MO 367 WOR CURVE 19
PI 114+53.40
PC 112+56.65
PT 116+49.98
Δ 3°55'56.2" (RT)
D 0°59'59.1"
L 393.33' (ARC)
T 196.74'
R 5,731.05'

MO 367 WOR CURVE 20
PI 121+29.70
PC 119+70.49
PT 122+88.82
Δ 3°10'56.3" (LT)
D 0°59'58.9"
L 318.33' (ARC)
T 159.20'
R 5,731.32'

MO 367 WOR CURVE 21
PI 131+29.51
PC 128+97.75
PT 133+59.39
Δ 12°40'3.2" (LT)
D 2°44'38.6"
L 461.63' (ARC)
T 231.76'
R 2,087.99'

DUNN RD CURVE 22
PI 15+92.64
PC 13+49.00
PT 18+15.20
Δ 41°5'40.9" (RT)
D 8°48'53.0"
L 466.20' (ARC)
T 243.64'
R 650.00'

DUNN RD CURVE 23
PI 21+82.94
PC 18+15.20
PT 22+09.57
Δ 129°5'37.8" (LT)
D 32°44'5.6"
L 394.36' (ARC)
T 367.73'
R 175.03'

DUNN RD CURVE 24
PI 28+89.64
PC 25+90.43
PT 29+54.98
Δ 119°21'19.1" (LT)
D 32°44'25.6"
L 364.55' (ARC)
T 299.21'
R 175.00'

DUNN RD CURVE 25
PI 33+15.11
PC 31+63.15
PT 34+60.03
Δ 30°6'22.1" (RT)
D 10°8'27.1"
L 296.88' (ARC)
T 151.95'
R 565.00'

COODRINATE POINT SHEET

MO 367 OUTER ROAD
SHEET 2 OF 6

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
ALIGNMENTS							
10+00.00	MO 367 EOR		1084918.05	897682.77		BEGIN PROJECT	E1
11+76.30	MO 367 EOR		1084746.42	897723.05		PC CURVE 1	E2
12+77.44	MO 367 EOR	3.24	1084647.95	897746.16		PI CURVE 1	E3
13+78.31	MO 367 EOR		1084547.33	897756.48		PT CURVE 1	E4
20+34.95	MO 367 EOR		1083894.13	897823.51		PC CURVE 2	E5
30+97.54	MO 367 EOR	27.87	1082837.08	897931.98		PI CURVE 2	E6
41+58.19	MO 367 EOR		1081774.49	897929.18		PT CURVE 2 / PC CURVE 3	E7
50+44.96	MO 367 EOR	67.06	1080887.72	897926.85		PI CURVE 3	E8
59+18.24	MO 367 EOR		1080041.76	897660.93		PT CURVE 3 / PC CURVE 4	E9
60+70.82	MO 367 EOR	2.01	1079896.20	897615.17		PI CURVE 4	E10
62+23.33	MO 367 EOR		1079748.43	897577.16		PT CURVE 4 / PC CURVE 5	E11
63+69.60	MO 367 EOR	1.87	1079606.78	897540.71		PI CURVE 5	E12
65+15.80	MO 367 EOR		1079467.17	897497.09		PT CURVE 5	E13
76+12.39	MO 367 EOR		1078420.50	897170.01		PI	E14
83+12.46	MO 367 EOR		1077749.38	896970.77		PI	E15
89+99.22	MO 367 EOR		1077093.88	896765.92		PC CURVE 6	E16
90+62.55	MO 367 EOR	0.35	1077033.42	896747.03		PI CURVE 6	E17
91+25.89	MO 367 EOR		1076973.40	896726.80		PT CURVE 6	E18
94+49.32	MO 367 EOR		1076666.92	896623.50		PC CURVE 7	E19
95+12.65	MO 367 EOR		1076606.90	896603.27		PI CURVE 7	E20
95+75.99	MO 367 EOR		1076546.44	896584.37		PT CURVE 7	E21
104+15.31	MO 367 EOR		1075745.33	896334.03		PI	E22
111+22.40	MO 367 EOR		1075073.46	896113.63		PI	E23
119+12.52	MO 367 EOR		1074319.30	895877.96		PC CURVE 8	E24
121+12.55	MO 367 EOR		1074128.38	895818.30		PI CURVE 8	E25
123+12.53	MO 367 EOR		1073935.50	895765.34		PT CURVE 8	E26
135+81.32	MO 367 EOR		1072711.99	895429.39		PI	E27
137+13.25	MO 367 EOR		1072584.77	895394.45		PC CURVE 9	E28
138+14.95	MO 367 EOR	3.90	1072486.70	895367.53		PI CURVE 9	E29
139+16.25	MO 367 EOR		1072393.89	895325.95		END PROJECT	E30
10+00.00	MO 367 WOR		1084171.52	897581.13		BEGIN PROJECT	W1
13+53.72	MO 367 WOR		1083820.29	897622.99		PC CURVE 10	W2
15+95.52	MO 367 WOR	5.07	1083580.18	897651.60		PI CURVE 10	W3
18+37.05	MO 367 WOR		1083338.52	897660.02		PT CURVE 10	W4
29+79.56	MO 367 WOR		1082196.71	897699.81		PC CURVE 11	W5
34+15.69	MO 367 WOR	16.73	1081760.84	897715.00		PI CURVE 11	W6
38+50.12	MO 367 WOR		1081327.76	897663.44		PT CURVE 11	W7
46+39.81	MO 367 WOR		1080543.61	897570.08		PC CURVE 12	W8
48+52.38	MO 367 WOR	9.81	1080332.53	897544.95		PI CURVE 12	W9
50+63.74	MO 367 WOR		1080129.63	897481.55		PT CURVE 12	W10
66+01.19	MO 367 WOR		1078662.16	897022.98		PC CURVE 13	W11
67+44.29	MO 367 WOR	1.64	1078525.58	896980.29		PI CURVE 13	W12
68+87.35	MO 367 WOR		1078391.08	896931.41		PT CURVE 13	W13
70+90.00	MO 367 WOR		1078200.62	896862.18		PC CURVE 14	W14
72+20.44	MO 367 WOR	1.49	1078078.03	896817.62		PI CURVE 14	W15
73+50.83	MO 367 WOR		1077953.53	896778.71		PT CURVE 14	W16
85+41.64	MO 367 WOR		1076816.92	896423.53		PC CURVE 15	W17
86+13.31	MO 367 WOR	0.45	1076748.52	896402.15		PI CURVE 15	W18
86+84.97	MO 367 WOR		1076679.60	896382.49		PT CURVE 15	W19
87+41.78	MO 367 WOR		1076624.96	896366.90		PC CURVE 16	W20
88+13.44	MO 367 WOR	0.45	1076556.05	896347.24		PI CURVE 16	W21
88+85.10	MO 367 WOR		1076487.64	896325.87		PT CURVE 16	W22
96+05.92	MO 367 WOR		1075799.63	896110.87		PC CURVE 17	W23
97+13.44	MO 367 WOR	1.01	1075697.01	896078.80		PI CURVE 17	W24
98+20.92	MO 367 WOR		1075593.27	896050.60		PT CURVE 17	W25
100+06.18	MO 367 WOR		1075414.49	896002.01		PC CURVE 18	W26
101+13.70	MO 367 WOR	1.01	1075310.74	895973.81		PI CURVE 18	W27
102+21.18	MO 367 WOR		1075208.12	895941.74		PT CURVE 18	W28
103+13.66	MO 367 WOR		1075119.85	895914.15		PI	W29
104+82.37	MO 367 WOR		1074960.06	895860.03		PI	W30
112+56.65	MO 367 WOR		1074221.03	895629.08		PC CURVE 19	W31
114+53.40	MO 367 WOR	3.38	1074033.24	895570.40		PI CURVE 19	W32
116+49.98	MO 367 WOR		1073849.92	895498.98		PT CURVE 19	W33
119+70.49	MO 367 WOR		1073551.27	895382.62		PC CURVE 20	W34
121+29.70	MO 367 WOR	2.21	1073402.93	895324.83		PI CURVE 20	W35
122+88.82	MO 367 WOR		1073251.61	895275.35		PT CURVE 20	W36
127+57.97	MO 367 WOR		1072805.68	895129.57		PI	W37
128+97.75	MO 367 WOR		1072672.82	895086.13		PC CURVE 21	W38
131+29.51	MO 367 WOR	12.82	1072452.53	895014.12		PI CURVE 21	W39
133+59.39	MO 367 WOR		1072221.81	894992.16		END PROJECT	W40
10+00.00	DUNN ROAD		1071681.86	895149.33		BEGIN PROJECT	D1
13+49.00	DUNN ROAD		1072018.41	895241.73		PC CURVE 22	D2
15+92.64	DUNN ROAD	44.16	1072253.35	895306.24		PI CURVE 22	D3
18+15.20	DUNN ROAD		1072388.01	895509.28		PT CURVE 22 / PC CURVE 23	D4
21+82.94	DUNN ROAD	232.23	1072591.25	895815.74		PI CURVE 23	D5
22+09.57	DUNN ROAD		1072700.94	895464.75		PT CURVE 23	D6
25+90.43	DUNN ROAD		1072814.54	895101.22		PC CURVE 24	D7
28+89.64	DUNN ROAD	171.63	1072903.79	894815.63		PI CURVE 24	D8
29+54.98	DUNN ROAD		1072611.12	894877.85		PT CURVE 24	D9
31+63.15	DUNN ROAD		1072407.50	894921.13		PC CURVE 25	D10
33+15.11	DUNN ROAD	20.08	1072258.87	894952.73		PI CURVE 25	D11
34+60.03	DUNN ROAD		1072114.44	894905.51		PT CURVE 25	D12
37+57.06	DUNN ROAD		1071832.11	894813.20		END PROJECT	D13

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
	DUNN RD		1069869.20	895887.19	550.57	IRON PIN	100
	DUNN RD		1070081.64	895481.22	572.10	IRON PIN	101
	DUNN RD		1070415.81	895227.84	578.41	IRON PIN	102
	DUNN RD		1070713.68	895135.71	567.43	IRON PIN	103
	DUNN RD		1071546.87	895135.21	533.88	IRON PIN	104
137+91.43	MO 367 EOR	39.50 LT	1072497.35	895408.95	523.01	IRON PIN	105
130+32.91	MO 367 EOR	29.81 RT	1073248.72	895545.85	527.03	IRON PIN	106
120+97.78	MO 367 EOR	51.68 LT	1074130.29	895874.55	511.22	IRON PIN	107
113+17.14	MO 367 EOR	29.42 RT	1074896.36	896027.47	537.91	IRON PIN	108
104+64.11	MO 367 EOR	35.67 LT	1075687.83	896532.71	555.94	IRON PIN	109
95+52.94	MO 367 EOR	16.65 RT	1076573.46	896575.43	575.59	IRON PIN	110
89+71.31	MO 367 EOR	29.24 LT	1077111.79	896802.16	562.87	IRON PIN	111
79+97.26	MO 367 EOR	60.01 LT	1078071.49	897003.80	568.06	IRON PIN	112
70+23.67	MO 367 EOR	64.88 RT	1078963.06	897407.53	599.75	IRON PIN	113
62+77.97	MO 367 EOR	49.33 RT	1079708.32	897515.64	605.86	IRON PIN	114
53+07.08	MO 367 EOR	27.58 LT	1080627.85	897480.36	574.44	IRON PIN	115
43+35.70	MO 367 EOR	26.26 RT	1081597.88	897899.77	566.27	IRON PIN	116
35+11.94	MO 367 EOR	32.67 LT	1082421.61	897853.23	562.35	IRON PIN	117
21+88.36	MO 367 EOR	29.44 LT	1082943.77	897858.77	544.17	IRON PIN	118
21+88.36	MO 367 EOR	29.44 LT	1083744.24	897867.90	551.21	IRON PIN	119
	DUNN RD		1070015.33	893826.51	576.77	IRON PIN	120
	DUNN RD		1070351.14	894044.35	589.10	IRON PIN	121
	DUNN RD		1071016.50	894409.43	574.49	IRON PIN	122
37+28.36	DUNN RD	75.15 LT	1071836.05	894893.55	541.00	IRON PIN	123
28+24.10	DUNN RD	74.83 RT	1072775.62	894834.54	533.74	IRON PIN	124
126+70.46	MO 367 WOR	44.11 LT	1072875.15	895198.69	533.70	IRON PIN	125
121+73.56	MO 367 WOR	35.70 RT	1073372.57	895278.57	532.45	IRON PIN	126
112+34.57	MO 367 WOR	32.62 LT	1074232.38	895666.80	514.93	IRON PIN	127
103+71.60	MO 367 WOR	25.32 RT	1075073.10	895871.58	541.90	IRON PIN	128
93+88.29	MO 367 WOR	34.66 LT	1075997.02	896208.86	548.59	IRON PIN	129
86+91.20	MO 367 WOR	21.04 RT	1076679.38	896360.55	586.89	IRON PIN	130
82+34.10	MO 367 WOR	23.17 RT	1077117.38	896493.14	583.55	IRON PIN	131
72+57.37	MO 367 WOR	38.27 LT	1078030.49	896483.66	552.15	IRON PIN	132
62+63.47	MO 367 WOR	29.10 RT	1078993.20	897095.94	587.64	IRON PIN	133
54+86.23	MO 367 WOR	48.08 LT	1079712.04	897401.43	607.67	IRON PIN	134
45+60.43	MO 367 WOR	25.49 LT	1080619.41	897604.77	582.67	IRON PIN	135
36+01.78	MO 367 WOR	18.68 RT	1081576.31	897668.77	574.28	IRON PIN	136
26+24.14	MO 367 WOR	41.35 LT	1082553.35	897728.76	565.59	IRON PIN	137
16+72.23	MO 367 WOR	32.97 RT	1083501.04	897619.02	543.79	IRON PIN	138
13+97.86	MO 367 WOR	22.46 RT	1083773.96	897605.72	548.29	IRON PIN	139

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	99

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

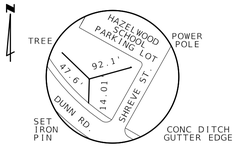
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

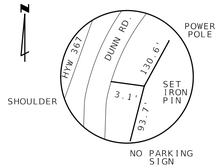
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COODRINATE POINT SHEET

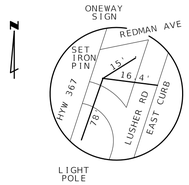
MO 367 OUTER ROAD
SHEET 3 OF 6



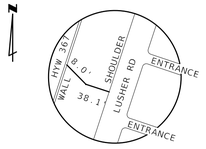
REFERENCE TIE
CONTROL POINT #100
IRON PIN BETWEEN DUNN RD
AND SHREVE ST.
N 1069869.197
E 895887.189
ELEV 550.574



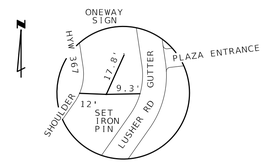
REFERENCE TIE
CONTROL POINT #104
IRON PIN ON DUNN RD
N 1071546.865
E 895135.213
ELEV 533.879



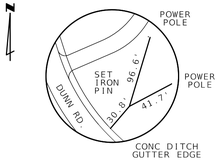
REFERENCE TIE
CONTROL POINT #108
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1074896.358
E 896027.468
ELEV 537.909



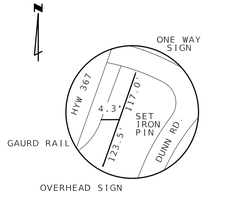
REFERENCE TIE
CONTROL POINT #112
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1078071.492
E 897003.795
ELEV 568.064



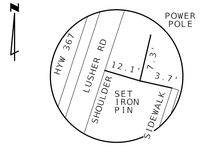
REFERENCE TIE
CONTROL POINT #116
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1081597.884
E 897899.765
ELEV 566.266



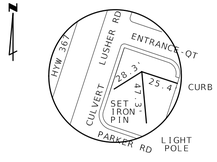
REFERENCE TIE
CONTROL POINT #101
IRON PIN ON DUNN RD
N 1070081.643
E 895481.218
ELEV 572.104



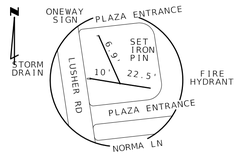
REFERENCE TIE
CONTROL POINT #105
IRON PIN BETWEEN DUNN RD
AND OFF RAMP FOR HWY 367
N 1072497.352
E 895408.947
ELEV 523.006



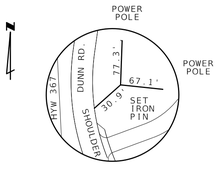
REFERENCE TIE
CONTROL POINT #109
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1075687.832
E 896352.710
ELEV 555.938



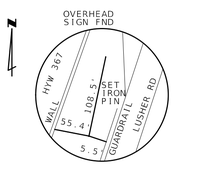
REFERENCE TIE
CONTROL POINT #113
IRON PIN NEAR LUSHER RD
AND PARKER RD
N 1078963.058
E 897407.530
ELEV 599.753



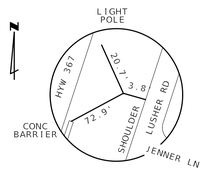
REFERENCE TIE
CONTROL POINT #117
IRON PIN NEAR LUSHER RD
AND NORMA LN
N 1082421.608
E 897953.227
ELEV 562.345



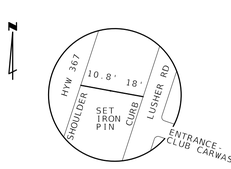
REFERENCE TIE
CONTROL POINT #102
IRON PIN ON DUNN RD
N 1070415.807
E 895227.839
ELEV 578.407



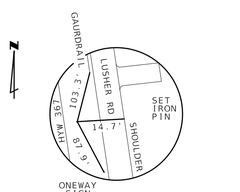
REFERENCE TIE
CONTROL POINT #106
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1073248.723
E 895545.853
ELEV 527.034



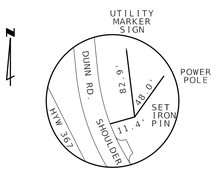
REFERENCE TIE
CONTROL POINT #110
IRON PIN BETWEEN LUSHER RD
AND HWY 367 AND JENNER LN
N 1076573.455
E 896575.425
ELEV 575.589



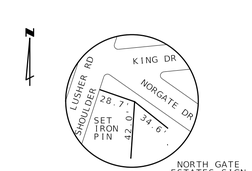
REFERENCE TIE
CONTROL POINT #114
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1079708.320
E 897515.637
ELEV 605.861



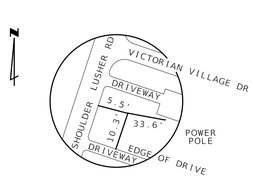
REFERENCE TIE
CONTROL POINT #118
IRON PIN BETWEEN LUSHER RD
AND HWY 367
N 1082943.141
E 897858.773
ELEV 544.170



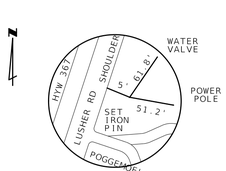
REFERENCE TIE
CONTROL POINT #103
IRON PIN ON DUNN RD
N 1071713.678
E 895135.714
ELEV 567.431



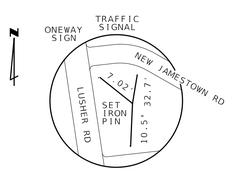
REFERENCE TIE
CONTROL POINT #107
IRON PIN NEAR LUSHER RD
AND NORGATE DR
N 1074130.288
E 895874.552
ELEV 511.220



REFERENCE TIE
CONTROL POINT #111
IRON PIN NEAR LUSHER RD
AND VICTORIAN VILLAGE DR
N 1077111.793
E 896802.156
ELEV 562.866



REFERENCE TIE
CONTROL POINT #115
IRON PIN BETWEEN LUSHER RD
AND POGGEMUELLER RD
N 1080627.853
E 897840.358
ELEV 574.443



REFERENCE TIE
CONTROL POINT #119
IRON PIN NEAR LUSHER RD
AND NEW JAMESTOWN RD
N 1083744.238
E 897867.895
ELEV 551.210

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	100

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

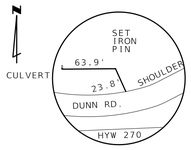
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

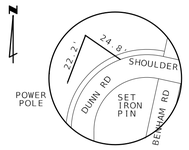
REFERENCE POINT SHEET

MO 367 OUTER ROAD
SHEET 4 OF 6

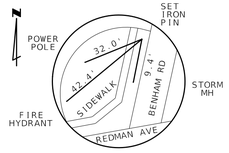
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_RP_J6P3510_01-03.dgn 9:14:28 AM 7/29/2026



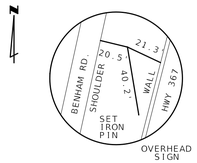
REFERENCE TIE
CONTROL POINT #120
IRON PIN NORTH OF DUNN RD
AND HYW 270
N 1070015.334
E 893826.512
ELEV 576.773



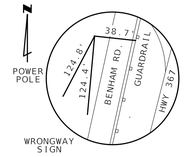
REFERENCE TIE
CONTROL POINT #124
IRON PIN ON DUNN RD
N 1072775.623
E 894834.537
ELEV 533.741



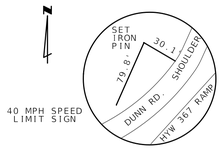
REFERENCE TIE
CONTROL POINT #128
IRON PIN NEAR BENHAM RD
AND REDMAN RD
N 1075073.102
E 895871.582
ELEV 541.902



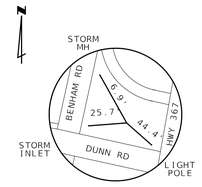
REFERENCE TIE
CONTROL POINT #132
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1078030.490
E 896843.660
ELEV 552.148



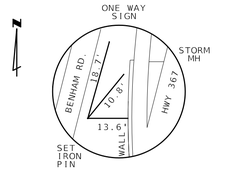
REFERENCE TIE
CONTROL POINT #136
IRON PIN WEST OF BENHAM RD
AND HWY 367
N 1081576.310
E 897668.767
ELEV 574.282



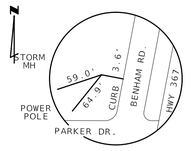
REFERENCE TIE
CONTROL POINT #121
IRON PIN WEST OF DUNN RD
AND HYW 367
N 1070351.140
E 894044.351
ELEV 589.098



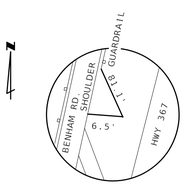
REFERENCE TIE
CONTROL POINT #125
IRON PIN BETWEEN DUNN RD
AND BENHAM RD AND HWY 367
N 1072875.153
E 895198.689
ELEV 533.702



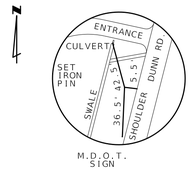
REFERENCE TIE
CONTROL POINT #129
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1075997.019
E 896208.861
ELEV 548.588



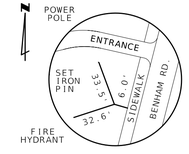
REFERENCE TIE
CONTROL POINT #133
IRON PIN BETWEEN BENHAM RD
AND PARKER RD
N 1078993.198
E 897095.936
ELEV 587.637



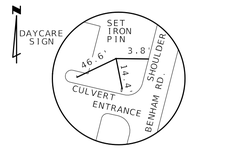
REFERENCE TIE
CONTROL POINT #137
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1082553.349
E 897728.756
ELEV 565.592



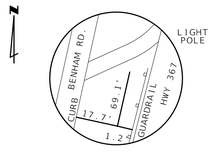
REFERENCE TIE
CONTROL POINT #122
IRON PIN WEST OF DUNN RD
AND HYW 367
N 1071016.498
E 894409.431
ELEV 574.490



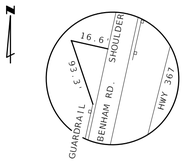
REFERENCE TIE
CONTROL POINT #126
IRON PIN WEST OF BENHAM RD
N 1073372.572
E 895278.566
ELEV 532.445



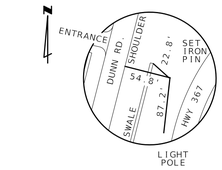
REFERENCE TIE
CONTROL POINT #130
IRON PIN WEST OF BENHAM RD
AND HWY 367
N 1076679.376
E 896360.548
ELEV 586.885



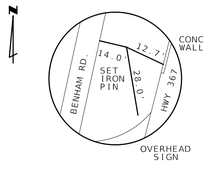
REFERENCE TIE
CONTROL POINT #134
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1079712.037
E 897401.431
ELEV 607.665



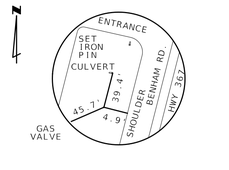
REFERENCE TIE
CONTROL POINT #138
IRON PIN WEST OF BENHAM RD
AND HWY 367
N 1083501.042
E 897619.022
ELEV 543.791



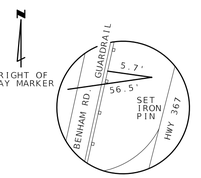
REFERENCE TIE
CONTROL POINT #123
IRON PIN BETWEEN DUNN RD
AND HWY 367
N 1071836.048
E 894893.550
ELEV 540.999



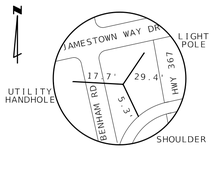
REFERENCE TIE
CONTROL POINT #127
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1074232.377
E 895666.801
ELEV 514.933



REFERENCE TIE
CONTROL POINT #131
IRON PIN WEST OF BENHAM RD
AND HWY 367
N 1077117.381
E 896493.142
ELEV 583.546



REFERENCE TIE
CONTROL POINT #135
IRON PIN BETWEEN BENHAM RD
AND HWY 367
N 1080619.410
E 897604.773
ELEV 582.672



REFERENCE TIE
CONTROL POINT #139
IRON PIN NEAR BENHAM RD
AND NEW JAMESTOWN WAY DR
N 1083773.955
E 897605.716
ELEV 548.292

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	101

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

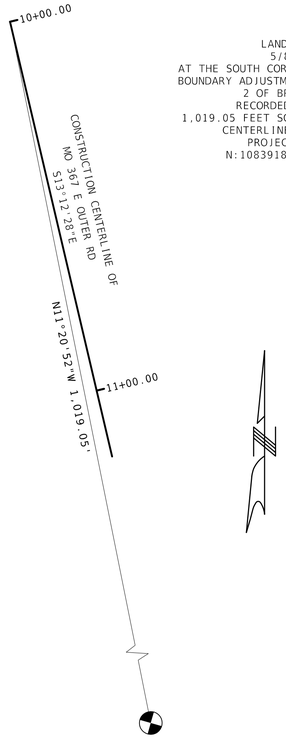
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

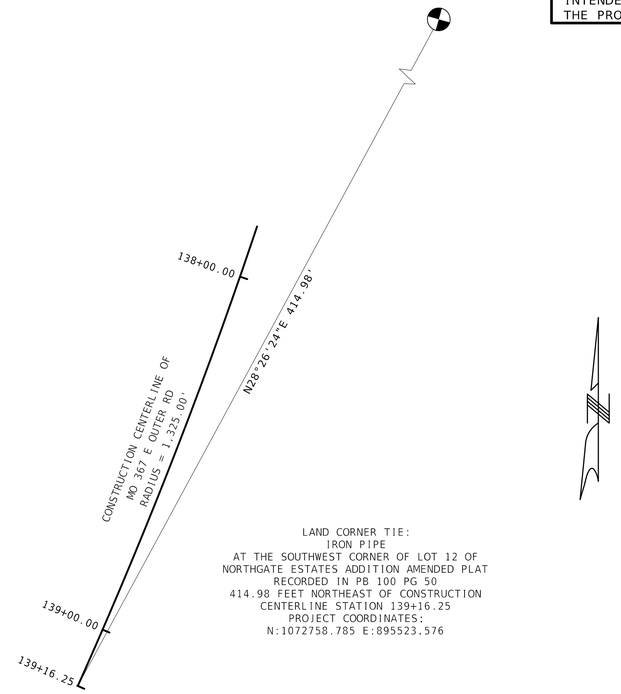
REFERENCE POINT SHEET

MO 367 OUTER ROAD
SHEET 5 OF 6

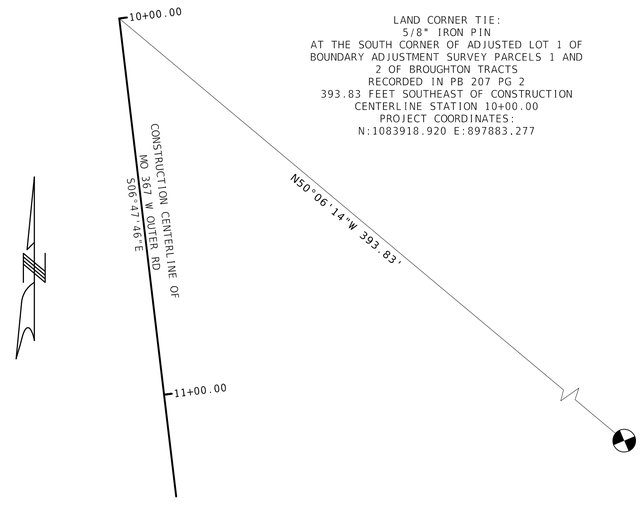
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_RP_J6P3510_01-03.dgn 9:14:28 AM 7/29/2026



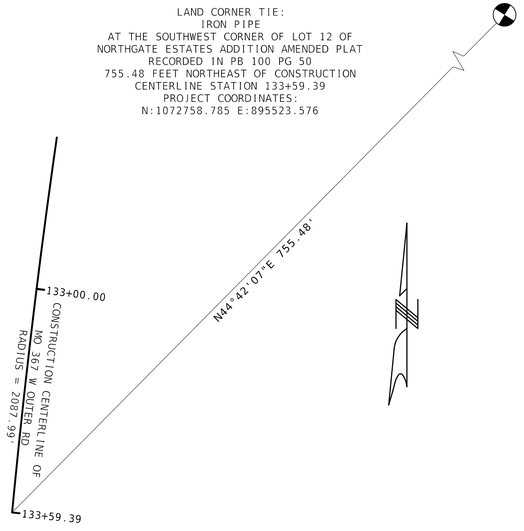
LAND CORNER TIE:
5/8" IRON PIN
AT THE SOUTH CORNER OF ADJUSTED LOT 1 OF
BOUNDARY ADJUSTMENT SURVEY PARCELS 1 AND
2 OF BROUGHTON TRACTS
RECORDED IN PB 207 PG 2
1,019.05 FEET SOUTHEAST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1083918.920 E:897883.277



LAND CORNER TIE:
IRON PIPE
AT THE SOUTHWEST CORNER OF LOT 12 OF
NORTHGATE ESTATES ADDITION AMENDED PLAT
RECORDED IN PB 100 PG 50
414.98 FEET NORTHEAST OF CONSTRUCTION
CENTERLINE STATION 139+16.25
PROJECT COORDINATES:
N:1072758.785 E:895523.576



LAND CORNER TIE:
5/8" IRON PIN
AT THE SOUTH CORNER OF ADJUSTED LOT 1 OF
BOUNDARY ADJUSTMENT SURVEY PARCELS 1 AND
2 OF BROUGHTON TRACTS
RECORDED IN PB 207 PG 2
393.83 FEET SOUTHEAST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1083918.920 E:897883.277



LAND CORNER TIE:
IRON PIPE
AT THE SOUTHWEST CORNER OF LOT 12 OF
NORTHGATE ESTATES ADDITION AMENDED PLAT
RECORDED IN PB 100 PG 50
755.48 FEET NORTHEAST OF CONSTRUCTION
CENTERLINE STATION 133+59.39
PROJECT COORDINATES:
N:1072758.785 E:895523.576

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	102

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

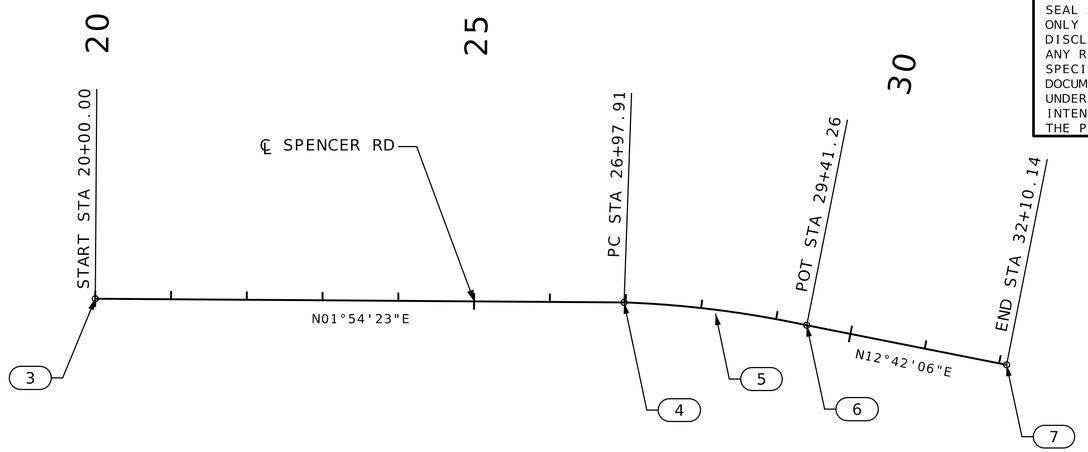
REFERENCE POINT SHEET

MO 367 OUTER ROAD
SHEET 6 OF 6

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_RP_J6P3510_01-03.dgn 9:14:29 AM 7/29/2026

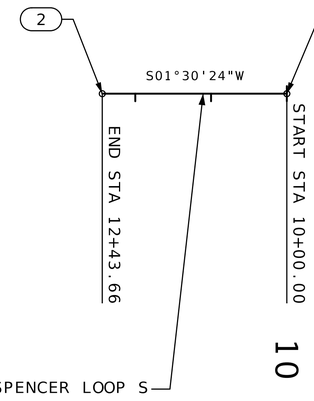
SCALE

0 100 200 300



SPENCER RD CURVE 1

PI	28+19.91
PC	26+97.91
PT	29+41.26
Δ	10°0'24.5" (RT)
D	4°10'25.6"
L	243.35' (ARC)
T	121.99'
R	1,372.75'



COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
25+62.91	SPENCER RD	44.00 RT	1079956.66	790854.81	392.68	SET REBAR	100
29+37.18	SPENCER RD	81.41 RT	1080310.29	790930.02	382.86	SET REBAR	101
ALIGNMENTS							
10+00.00	SPENCER LOOP S		1079606.98	791265.00		BEGIN PROJECT	1
12+43.66	SPENCER LOOP S		1079363.41	791258.59		END PROJECT	2
20+00.00	SPENCER RD		1079395.53	790792.10		BEGIN PROJECT	3
26+97.91	SPENCER RD		1080093.06	790815.32		PC CURVE 1	4
28+19.91	SPENCER RD	5.39	1080214.82	790822.91		HPI CURVE 1	5
29+71.26	SPENCER RD		1080333.33	792185.42		POT CURVE 1	6
32+10.14	SPENCER RD		1080595.63	790910.97		END PROJECT	7

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	103

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COORDINATE POINT SHEET

I-70 ST. CHARLES
SHEET 1 OF 10



SCALE

0 100 200 300

TR HUGHES CURVE 1

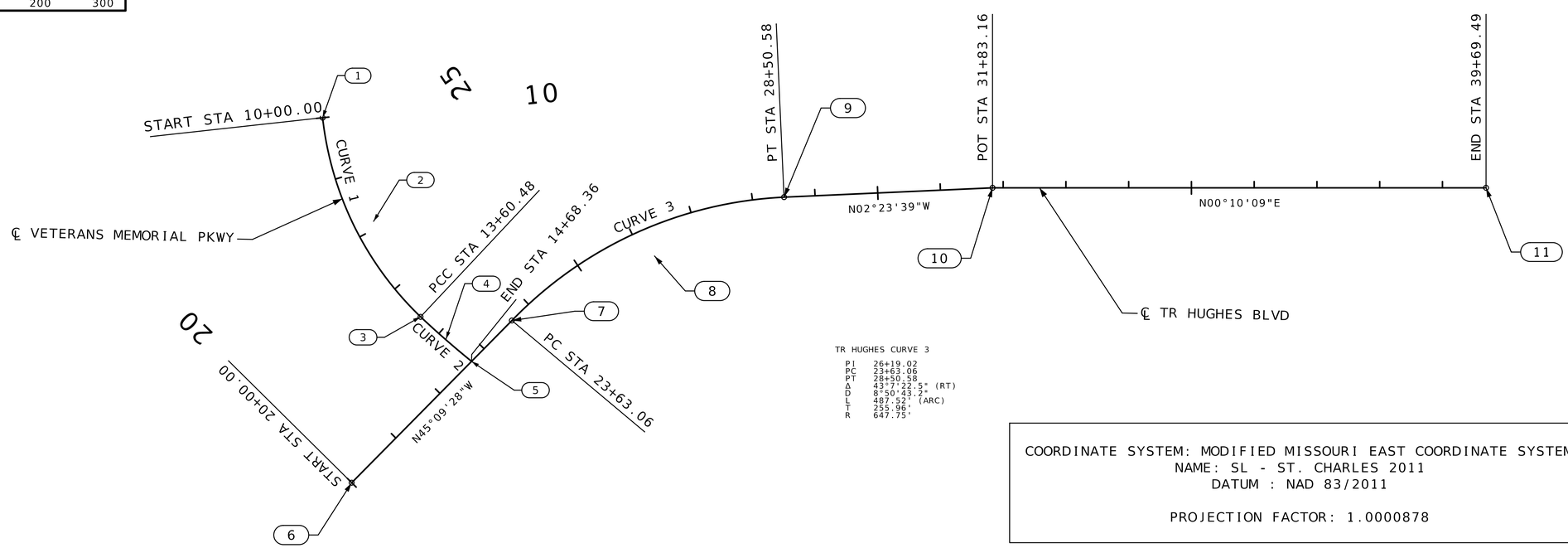
PI	11+87.89
PC	10+00.00
PT	13+50.48
Δ	39°52'57.0" (LT)
D	11°3'49.2"
L	360.48' (ARC)
T	187.89'
R	517.87'

TR HUGHES CURVE 2

PI	14+14.45
PC	13+60.48
PT	14+68.36
Δ	4°17'3.2" (LT)
D	3°58'16.6"
L	107.88' (ARC)
T	53.97'
R	1,442.75'

TR HUGHES CURVE 3

PI	26+19.02
PC	23+63.06
PT	28+50.58
Δ	43°7'22.5" (RT)
D	8°50'43.2"
L	487.52' (ARC)
T	255.96'
R	647.75'



COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
11+18.94	VETERANS MEMORIAL PKWY	226.98 RT	1080391.64	769473.25	482.33	SET REBAR	101
21+83.71	TR HUGHES BLVD	58.19 LT	1080712.74	769692.46	485.43	SET REBAR	100
ALIGNMENTS							
10+00.00	VETERANS MEMORIAL PKWY		1080579.88	769282.61		PC CURVE 1	1
11+87.89	VETERANS MEMORIAL PKWY	31.05	1080599.83	769469.44		HPI CURVE 1	2
13+60.48	VETERANS MEMORIAL PKWY		1080734.94	769600.01		PCC CURVE 1	3
14+14.45	VETERANS MEMORIAL PKWY	1.01	1080774.15	769637.08		HPI CURVE 2	4
14+68.36	VETERANS MEMORIAL PKWY		1080816.02	769671.12		PT CURVE 2	5
20+00.00	TR HUGHES BLVD		1080624.45	769863.76		BEGIN PROJECT	6
23+63.06	TR HUGHES BLVD		1080880.46	769606.33		PC CURVE 3	7
26+19.02	TR HUGHES BLVD	45.33	1081059.06	769422.97		HPI CURVE 3	8
28+50.58	TR HUGHES BLVD		1081314.76	769411.22		PT CURVE 3	9
31+83.16	TR HUGHES BLVD		1081647.04	769397.33		HPI LINEAR 1	10
39+69.49	TR HUGHES BLVD		1082433.36	769399.65		END PROJECT	11

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED: 7/29/2026
ROUTE: VARIES
STATE: MO
DISTRICT: STL
SHEET NO.: 104
COUNTY: VARIES
JOB NO.: J6P3510E
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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

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

CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

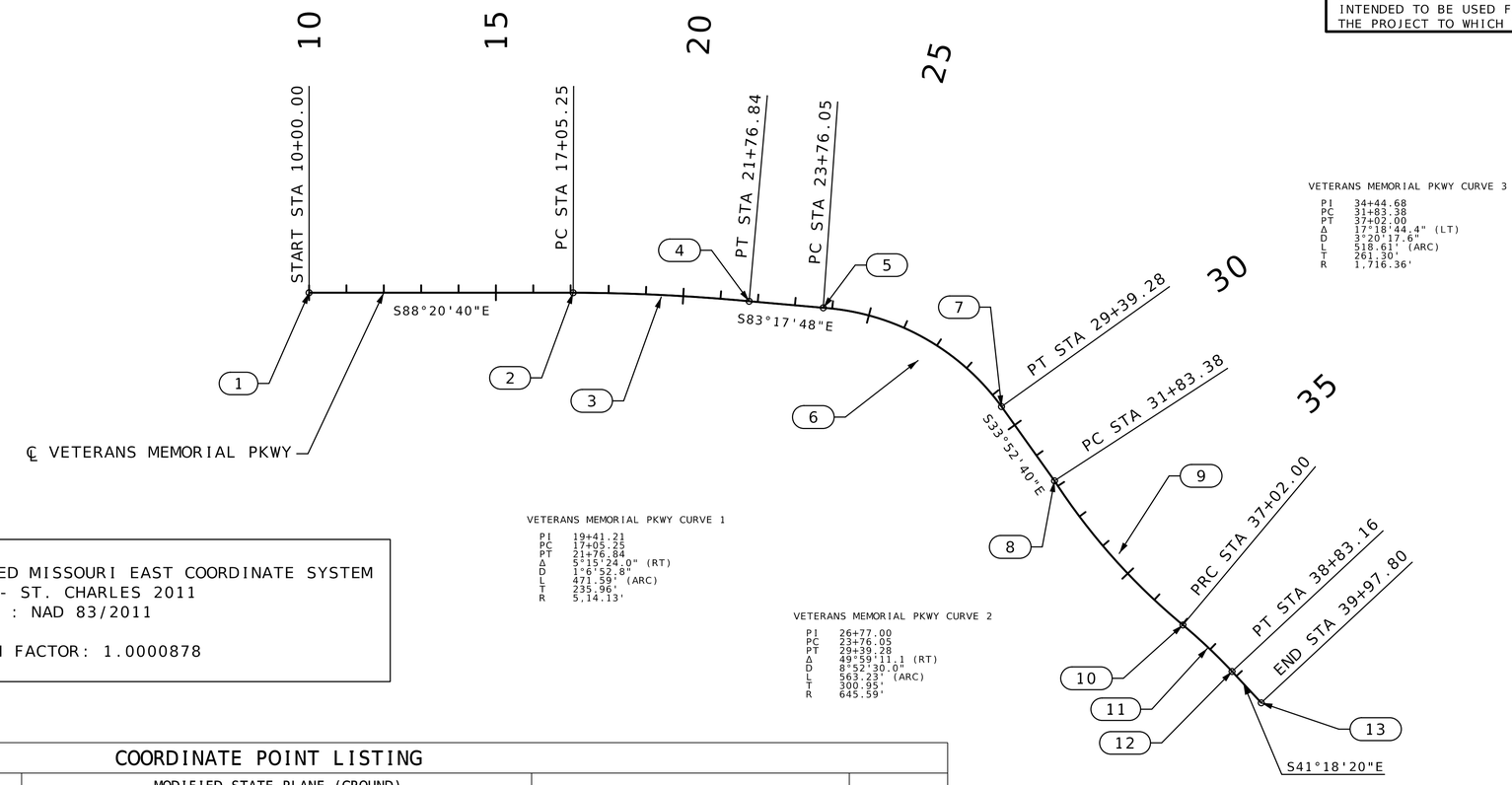
COORDINATE POINT SHEET

I-70 ST. CHARLES
SHEET 2 OF 10

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_CP_J6P3510_47_02_i100.dgn 10:40:17 AM 7/29/2026

SCALE

0 200 400 600



VETERANS MEMORIAL PKWY CURVE 1

PI	19+41.21
PC	17+05.25
PT	21+76.84
Δ	5°15'24.0" (RT)
D	1°6'52.8"
L	471.59' (ARC)
T	235.96'
R	5,14.13'

VETERANS MEMORIAL PKWY CURVE 2

PI	26+77.00
PC	23+76.05
PT	29+39.28
Δ	49°59'11.1 (RT)
D	8°52'30.0"
L	563.23' (ARC)
T	300.95'
R	645.59'

VETERANS MEMORIAL PKWY CURVE 3

PI	34+44.68
PC	31+83.38
PT	37+02.00
Δ	17°18'44.4" (LT)
D	3°20'17.6"
L	518.61' (ARC)
T	261.30'
R	1,716.36'

VETERANS MEMORIAL PKWY CURVE 4

PI	37+92.69
PC	37+02.00
PT	38+83.16
Δ	7°0'12.3" (RT)
D	3°51'57.1"
L	181.16' (ARC)
T	90.69'
R	1,482.10'

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
11+55.44	VETERANS MEMORIAL PKWY	53.67 RT	1080265.52	776564.27	363.37	SET REBAR	103
21+18.27	VETERANS MEMORIAL PKWY	18.23 LT	1080956.82	775944.09	367.95		102
27+71.52	VETERANS MEMORIAL PKWY	35.25 LT	1081131.77	775309.28	383.17		101
37+10.16	VETERANS MEMORIAL PKWY	85.70 LT	1081105.47	774342.62	395.43	SET REBAR	100
ALIGNMENTS							
10+00.00	VETERANS MEMORIAL PKWY		1081163.15	774188.80		BEGIN PROJECT	1
17+05.25	VETERANS MEMORIAL PKWY		1081143.24	774893.75		PC CURVE 1	2
19+41.21	VETERANS MEMORIAL PKWY	5.41	1081135.78	775131.25		HPI CURVE 1	3
21+76.84	VETERANS MEMORIAL PKWY		1081106.80	775365.42		PT CURVE 1	4
23+76.05	VETERANS MEMORIAL PKWY		1081083.54	775563.27		PC CURVE 2	5
26+77.00	VETERANS MEMORIAL PKWY	60.45	1081053.86	775862.75		HPI CURVE 2	6
29+39.28	VETERANS MEMORIAL PKWY		1080805.41	776032.58		PT CURVE 2	7
31+83.38	VETERANS MEMORIAL PKWY		1080602.74	776168.65		PC CURVE 3	8
34+44.68	VETERANS MEMORIAL PKWY	19.55	1080379.66	776304.69		HPI CURVE 3	9
37+02.00	VETERANS MEMORIAL PKWY		1080207.16	776500.96		PRC CURVE 3	10
37+92.69	VETERANS MEMORIAL PKWY	2.77	1080146.98	776568.80		HPI CURVE 4	11
38+83.16	VETERANS MEMORIAL PKWY		1080078.97	776628.81		PT CURVE 4	12
39+94.80	VETERANS MEMORIAL PKWY		1079992.85	776704.48		END PROJECT	13

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:00 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	105

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

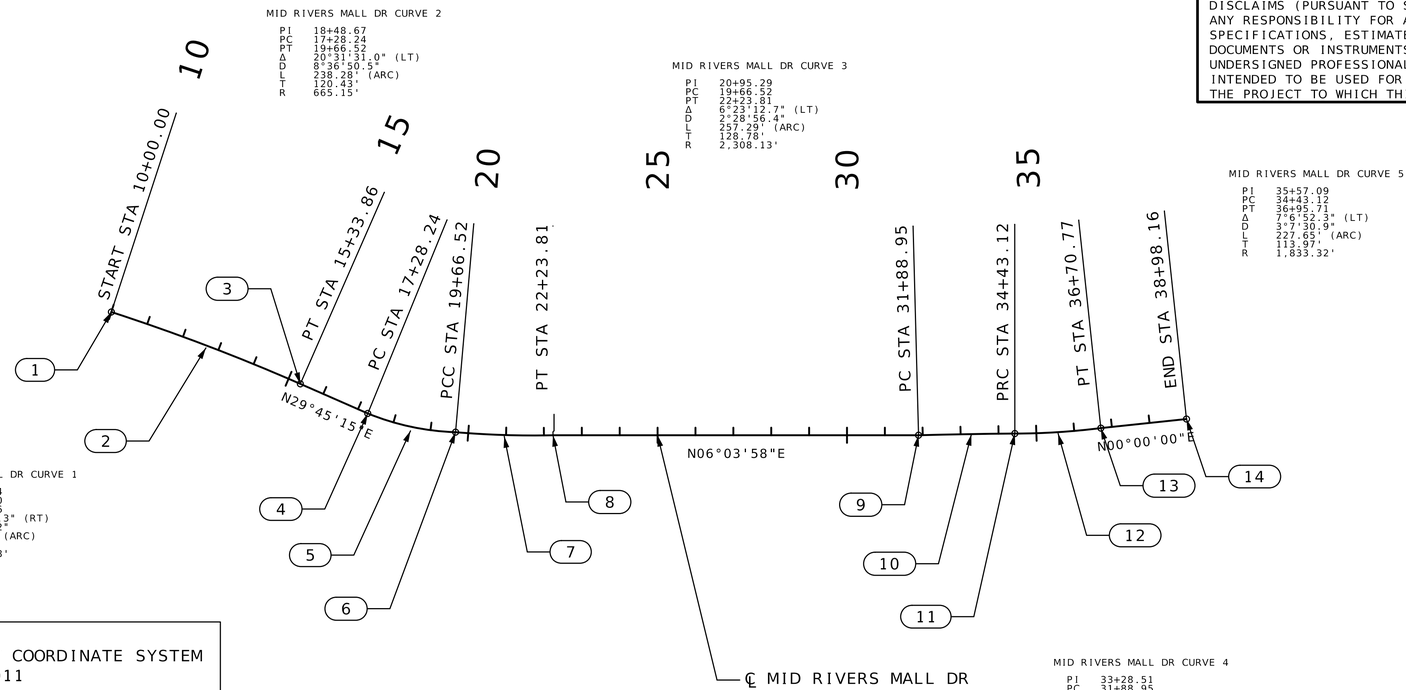
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COORDINATE POINT SHEET

I-70 ST. CHARLES
SHEET 3 OF 10

SCALE

0 20 40 60



MID RIVERS MALL DR CURVE 1

PI	12+67.14
PC	10+00.00
PT	15+33.86
Δ	5°30'28.3" (RT)
D	1°1'54.2"
L	533.86' (ARC)
T	267.14'
R	5,553.48'

MID RIVERS MALL DR CURVE 2

PI	18+48.67
PC	17+28.24
PT	19+66.52
Δ	20°31'31.0" (LT)
D	8°36'50.5"
L	238.28' (ARC)
T	120.43'
R	665.15'

MID RIVERS MALL DR CURVE 3

PI	20+95.29
PC	19+66.52
PT	22+23.81
Δ	6°23'12.7" (LT)
D	2°28'56.4"
L	257.29' (ARC)
T	128.78'
R	2,308.13'

MID RIVERS MALL DR CURVE 4

PI	33+28.51
PC	31+88.95
PT	34+68.06
Δ	1°7'50.9" (RT)
D	0°24'18.5"
L	279.11' (ARC)
T	139.56'
R	14,142.08'

MID RIVERS MALL DR CURVE 5

PI	35+57.09
PC	34+43.12
PT	36+95.71
Δ	7°6'52.3" (LT)
D	3°7'30.9"
L	227.65' (ARC)
T	113.97'
R	1,833.32'

COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
14+13.96	VETERANS MEMORIAL PKWY	66.59 LT	1078949.52	785633.54	483.31	SET REBAR	100
23+86.04	VETERANS MEMORIAL PKWY	94.31 RT	1079823.04	786066.38	458.75	SET REBAR	101
29+18.51	VETERANS MEMORIAL PKWY	85.14 RT	1080353.50	786113.53	461.51	SET REBAR	102
37+26.04	VETERANS MEMORIAL PKWY	85.86 RT	1081167.15	786175.60	446.66	SET REBAR	103
ALIGNMENTS							
10+00.00	MID RIVERS MALL DR		1078546.95	785508.82		PC CURVE 1	1
12+67.14	MID RIVERS MALL DR	6.41	1078790.73	785618.05		HPI CURVE 1	2
15+33.86	MID RIVERS MALL DR		1079022.91	785780.18		PT CURVE 1	3
17+28.24	MID RIVERS MALL DR		1079191.66	785846.65		PC CURVE 2	4
18+48.67	MID RIVERS MALL DR	10.64	1079297.64	785903.84		HPI CURVE 2	5
19+66.52	MID RIVERS MALL DR		1079416.94	785920.53		PCC CURVE 3	6
20+95.30	MID RIVERS MALL DR	3.58	1079543.30	785944.96		HPI CURVE 3	7
22+23.81	MID RIVERS MALL DR		1079671.68	785955.45		PT CURVE 3	8
31+88.95	MID RIVERS MALL DR		1080631.42	786057.45		PC CURVE 4	9
33+16.04	MID RIVERS MALL DR	0.57	1080770.54	786068.54		HPI CURVE 4	10
34+43.12	MID RIVERS MALL DR		1080909.41	786082.38		PRC CURVE 5	11
35+57.09	MID RIVERS MALL DR	3.53	1080997.93	786091.90		HPI CURVE 5	12
36+70.77	MID RIVERS MALL DR		1081111.88	786089.75		PT CURVE 5	13
38+98.16	MID RIVERS MALL DR		1081339.27	786089.75		END PROJECT	14

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	106

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

COORDINATE POINT SHEET

I-70 ST. CHARLES
SHEET 4 OF 10

SCALE

0 20 40 60

DISCLAIMER

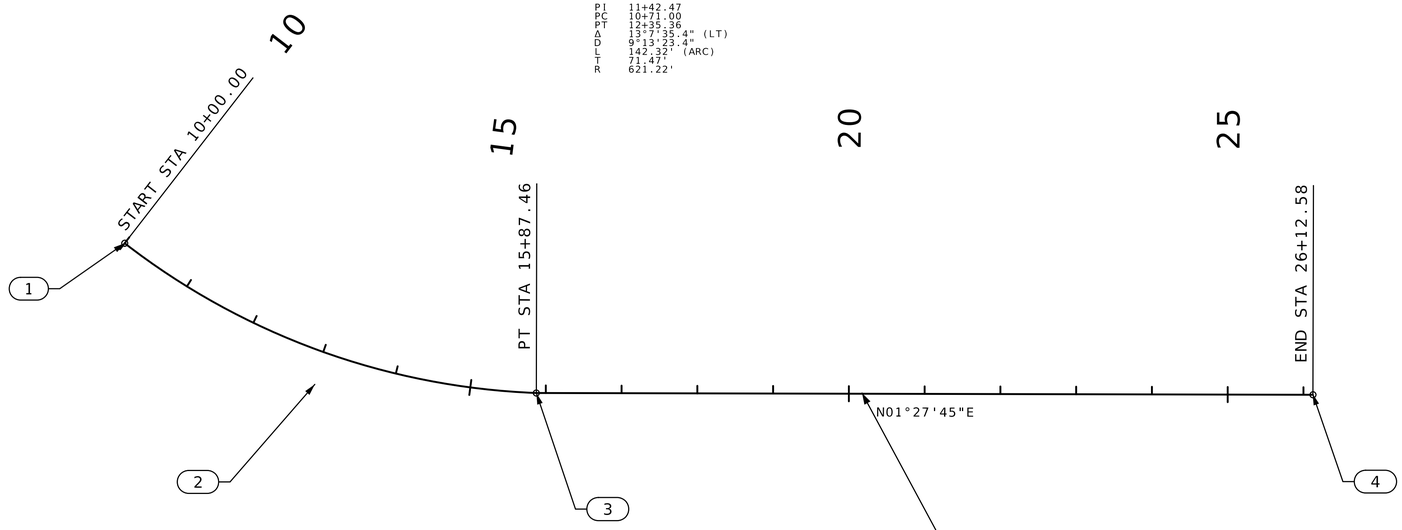
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

BRYAN RD CURVE 1

PI 11+42.47
PC 10+71.00
PT 12+35.36
Δ 13°7'35.4" (LT)
D 9°13'23.4"
L 142.32' (ARC)
T 71.47'
R 621.22'



COORDINATE SYSTEM: MODIFIED MISSOURI EAST COORDINATE SYSTEM
NAME: SL - ST. CHARLES 2011
DATUM : NAD 83/2011

PROJECTION FACTOR: 1.0000878

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	POINT ID
PROJECT CONTROL POINTS							
11+64.26	BRYAN RD	68.10 LT	1080712.70	753533.16	623.50	SET REBAR	101
16+16.58	BRYAN RD	64.06 RT	1081109.69	753785.57	621.22	SET REBAR	100
25+25.04	BRYAN RD	93.33 RT	1082017.10	753928.02	601.04	SET REBAR	102
ALIGNMENTS							
10+00.00	BRYAN RD		1080543.74	763600.54		BEGIN PROJECT	1
13+03.55	BRYAN RD	45.24	1080779.24	753792.07		HPI CURVE 1	2
15+87.46	BRYAN RD		1081082.21	753810.79		PT CURVE 1	3
26+12.58	BRYAN RD		1082106.99	753836.95		END PROJECT	4

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	107

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

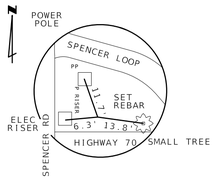
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

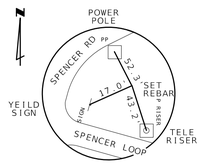
COORDINATE POINT SHEET

I-70 ST. CHARLES
SHEET 5 OF 10

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_CP_J6P3510_56_05_i100.dgn 10:40:12 AM 7/29/2026

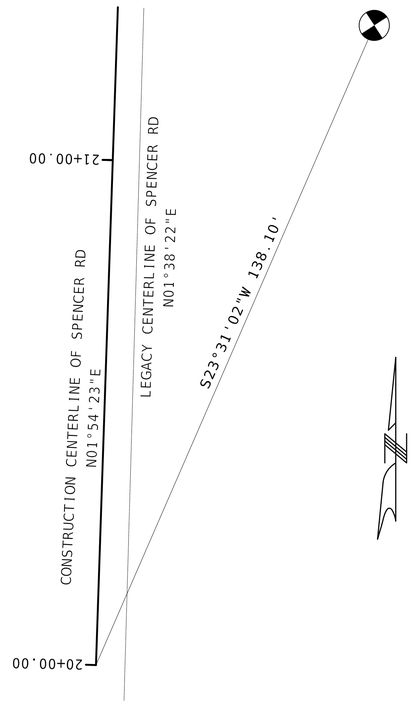


REFERENCE TIE
CONTROL POINT #100
1/2" REBAR S.E. QUADRANT OF INTERSECTION
SPENCER RD AND SPENCER LOOP
N 1079956.662
E 790854.806
ELEV 392.677

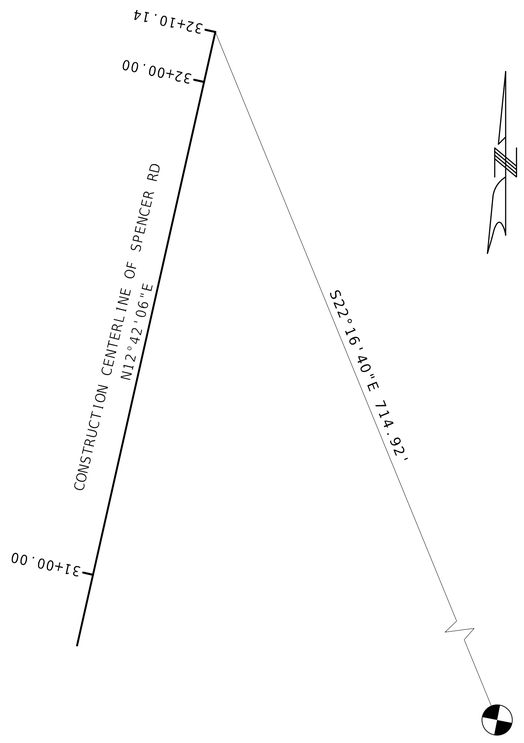


REFERENCE TIE
CONTROL POINT #101
1/2" REBAR N.E. QUADRANT OF INTERSECTION
SPENCER RD AND SPENCER LOOP
N 1080310.288
E 790930.024
ELEV 382.860

LAND CORNER TIE:
L.S. 144D CAPPED IRON ROD
AT THE NORTHWEST CORNER OF LOT 8 OF
PIPE SUBDIVISION
RECORDED IN PB 44 PG 223
138.10 FEET NORTHEAST OF CONSTRUCTION
CENTERLINE STATION 20+00.00
PROJECT COORDINATES:
N:1079522.165 E:790847.211



LAND CORNER TIE:
L.S. 144D CAPPED IRON ROD
AT THE SOUTHEAST CORNER OF LOT 2 OF
GRANADA CYCLERY
RECORDED IN PB 42 PG 341
714.92 FEET SOUTHEAST OF CONSTRUCTION
CENTERLINE STATION 32+10.14
PROJECT COORDINATES:
N:1079934.072 E:791181.989



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	108

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

REFERENCE POINT SHEET

I-70 ST. CHARLES
SHEET 6 OF 10

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_RP_J6P3510_45_01_i1.dgn 10:40:33 AM 7/29/2026

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	109

COUNTY
VARIES

JOB NO.
J6P3510E

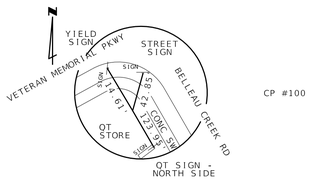
CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

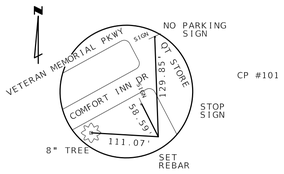
DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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



CP #100

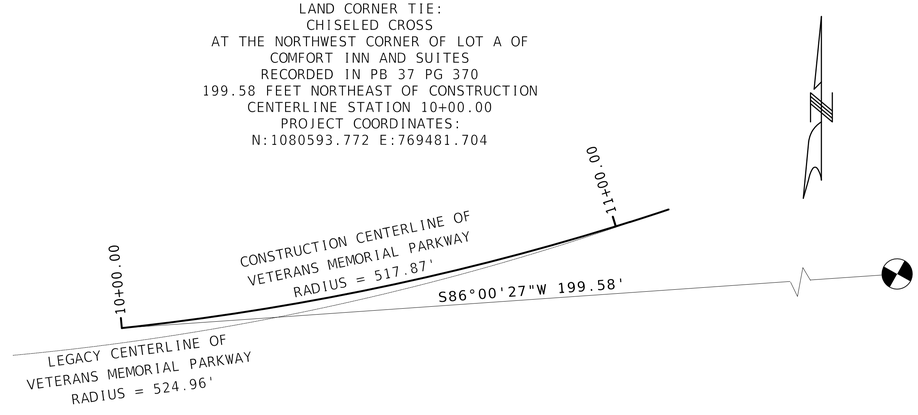
REFERENCE TIE
CONTROL POINT #100
1/2" REBAR S.W. QUADRANT OF INTERSECTION
BELLEAU CREEK RD AND VETERAN MEMORIAL PKWY
N 1080712.739
E 769692.4621
ELEV 485.426



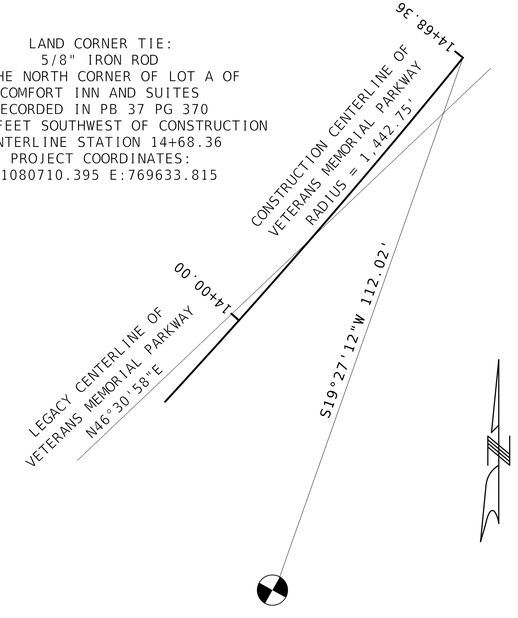
CP #101

REFERENCE TIE
CONTROL POINT #101
1/2" REBAR S.W. QUADRANT OF INTERSECTION
COMFORT INN DR AND VETERAN MEMORIAL PKWY
N 1080391.635
E 769473.2548
ELEV 482.328

LAND CORNER TIE:
CHISELED CROSS
AT THE NORTHWEST CORNER OF LOT A OF
COMFORT INN AND SUITES
RECORDED IN PB 37 PG 370
199.58 FEET NORTHEAST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1080593.772 E:769481.704



LAND CORNER TIE:
5/8" IRON ROD
AT THE NORTH CORNER OF LOT A OF
COMFORT INN AND SUITES
RECORDED IN PB 37 PG 370
112.02 FEET SOUTHWEST OF CONSTRUCTION
CENTERLINE STATION 14+68.36
PROJECT COORDINATES:
N:1080710.395 E:769633.815



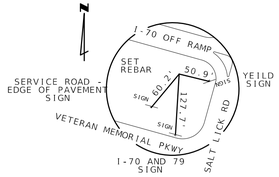
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

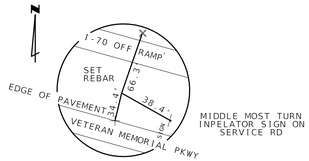
REFERENCE POINT SHEET

I-70 ST. CHARLES
SHEET 7 OF 10

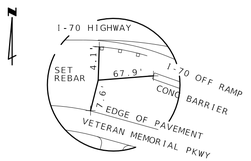
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_RP_J6P3510_47_02_i1.dgn 10:40:36 AM 7/29/2026



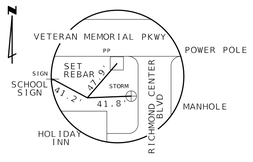
REFERENCE TIE
CONTROL POINT #100
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1081105.473
E 774342.623
ELEV 395.425



REFERENCE TIE
CONTROL POINT #101
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1081131.771
E 775309.284
ELEV 383.169

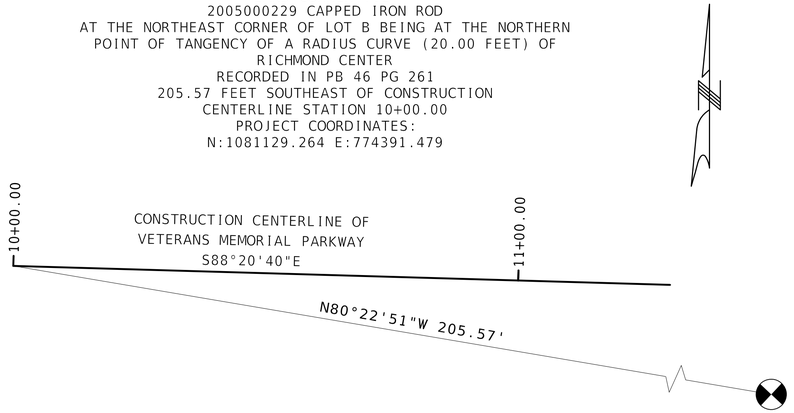


REFERENCE TIE
CONTROL POINT #102
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1080956.824
E 775944.090
ELEV 367.952

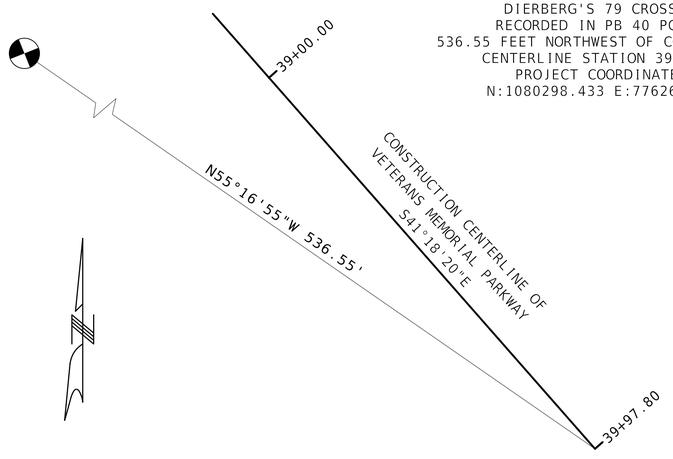


REFERENCE TIE
CONTROL POINT #103
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1080265.519
E 776564.273
ELEV 363.370

LAND CORNER TIE:
2005000229 CAPPED IRON ROD
AT THE NORTHEAST CORNER OF LOT B BEING AT THE NORTHERN
POINT OF TANGENCY OF A RADIUS CURVE (20.00 FEET) OF
RICHMOND CENTER
RECORDED IN PB 46 PG 261
205.57 FEET SOUTHEAST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1081129.264 E:774391.479



LAND CORNER TIE:
L.S. 14D CAPPED IRON ROD
AT THE NORTHEAST CORNER OF LOT C OF
DIERBERG'S 79 CROSSING
RECORDED IN PB 40 PG 139
536.55 FEET NORTHWEST OF CONSTRUCTION
CENTERLINE STATION 39+97.80
PROJECT COORDINATES:
N:1080298.433 E:776263.457



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	110

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

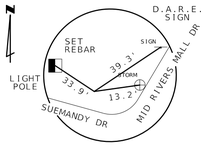
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

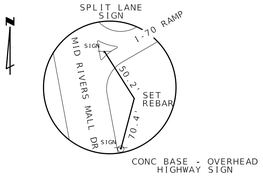
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

REFERENCE POINT SHEET

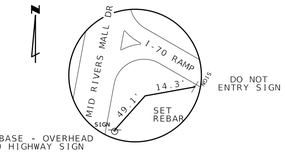
I-70 ST. CHARLES
SHEET 8 OF 10



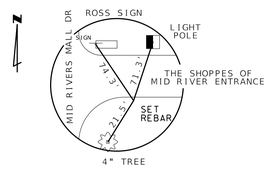
REFERENCE TIE
CONTROL POINT #100
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1078949.520
E 785633.536
ELEV 483.31



REFERENCE TIE
CONTROL POINT #101
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1079823.038
E 786066.375
ELEV 458.754

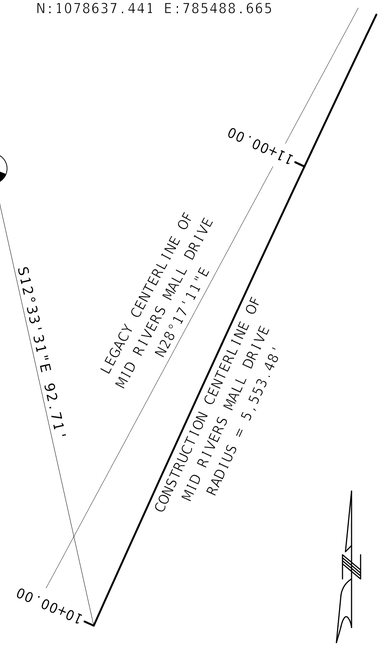


REFERENCE TIE
CONTROL POINT #102
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1080353.496
E 786113.531
ELEV 461.507

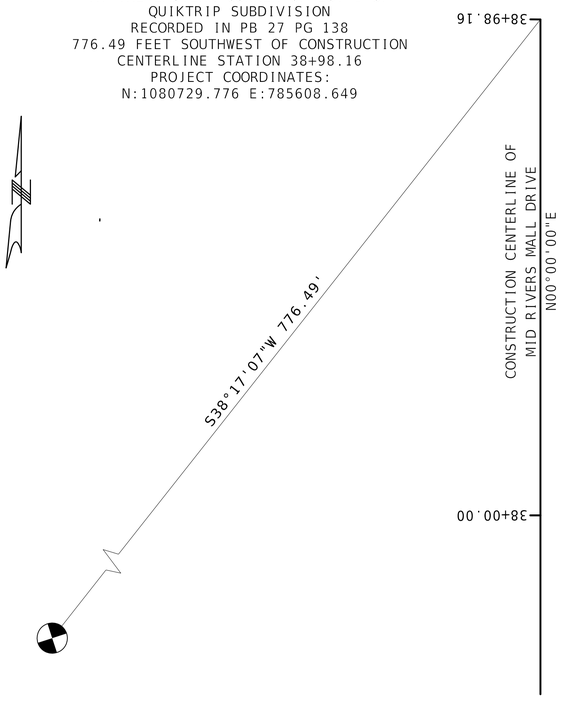


REFERENCE TIE
CONTROL POINT #103
1/2" REBAR N.W. QUADRANT OF INTERSECTION
SALT LICK RD AND VETERAN MEMORIAL PKWY
N 1081167.153
E 786175.600
ELEV 446.658

LAND CORNER TIE:
5/8" IRON ROD
AT THE SOUTHEAST CORNER OF LOT A OF
MID RIVERS MALL PLAT 3
RECORDED IN PB 22 PG 31
92.71 FEET NORTHWEST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1078637.441 E:785488.665



LAND CORNER TIE:
5/8" IRON ROD
AT THE EASTERN CORNER OF LOT 1 OF
QUIKTRIP SUBDIVISION
RECORDED IN PB 27 PG 138
776.49 FEET SOUTHWEST OF CONSTRUCTION
CENTERLINE STATION 38+98.16
PROJECT COORDINATES:
N:1080729.776 E:785608.649



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	111

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

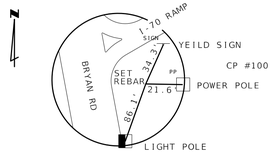
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

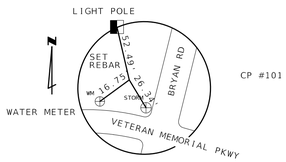
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

REFERENCE POINT SHEET

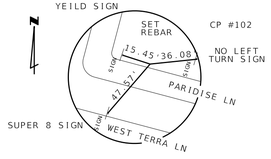
I-70 ST. CHARLES
SHEET 9 OF 10



REFERENCE TIE
CONTROL POINT #100
1/2" REBAR S.E. QUADRANT OF INTERSECTION
HWY 70 RAMP AND BRYAN RD
N 1081109.685
E 753875.5735
ELEV 621.22

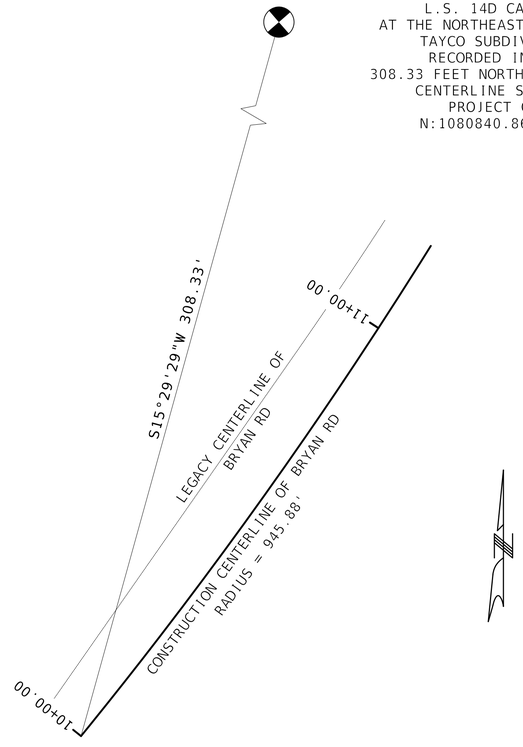


REFERENCE TIE
CONTROL POINT #101
1/2" REBAR N.W. QUADRANT OF INTERSECTION
BRYAN RD AND VETERAN MEMORIAL PKWY
N 1080712.703
E 753633.1562
ELEV 623.502

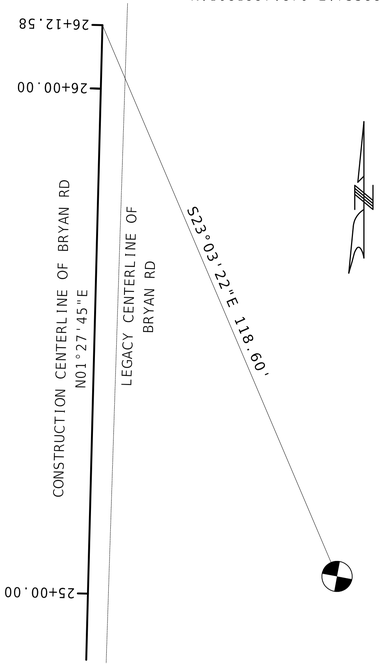


REFERENCE TIE
CONTROL POINT #102
1/2" REBAR N. SIDE OF PARIDISE LN
AND WEST TERRA LN
N 1082017.097
E 753928.0191
ELEV 601.035

LAND CORNER TIE:
L.S. 14D CAPPED IRON PIPE
AT THE NORTHEAST CORNER OF LOT 1 OF
TAYCO SUBDIVISION PLAT ONE
RECORDED IN PB 46 PG 118
308.33 FEET NORTHEAST OF CONSTRUCTION
CENTERLINE STATION 10+00.00
PROJECT COORDINATES:
N:1080840.866 E:753682.888



LAND CORNER TIE:
5/8" IRON ROD
AT THE NORTHWEST CORNER OF A TRACT
OF LAND RECORDED IN BK 6272 PG 1232
118.60 FEET SOUTHEAST OF CONSTRUCTION
CENTERLINE STATION 26+12.58
PROJECT COORDINATES:
N:1081997.870 E:753883.400



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:01 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	112

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

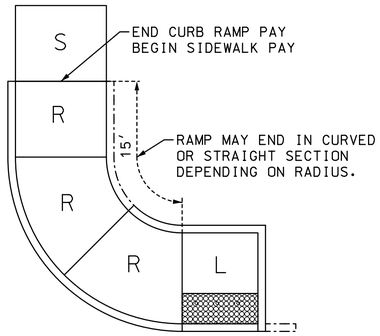
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

REFERENCE POINT SHEET

I-70 ST. CHARLES
SHEET 10 OF 10

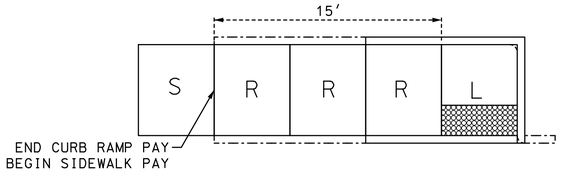
L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_RP_J6P3510_56_05_i1.dgn 10:40:25 AM 7/29/2026

PEDESTRIAN CURB RAMP PAY LIMITS

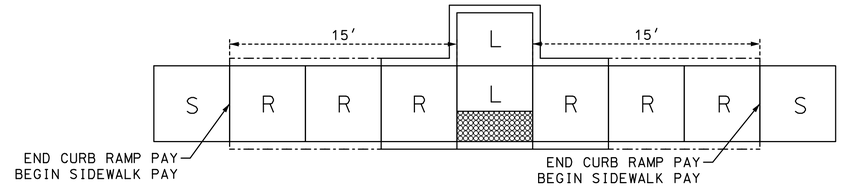


TYPE 1 PARALLEL

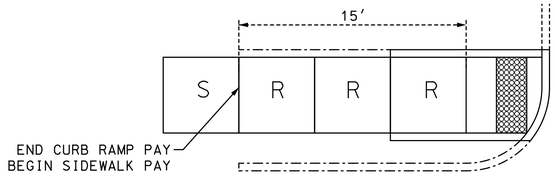
THE LENTH OF THIS RAMP SHALL BE MEASURED ON THE INSIDE/SHORT SIDE OF THE CURVE



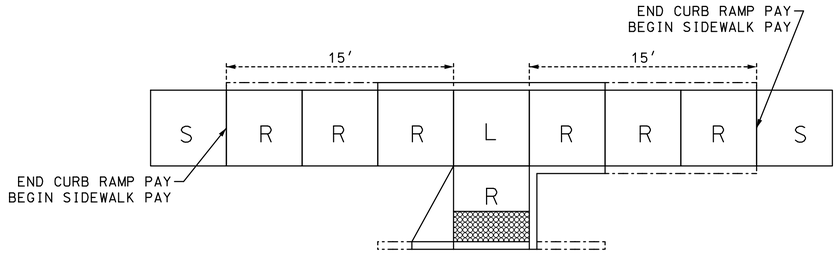
TYPE 2 PARALLEL



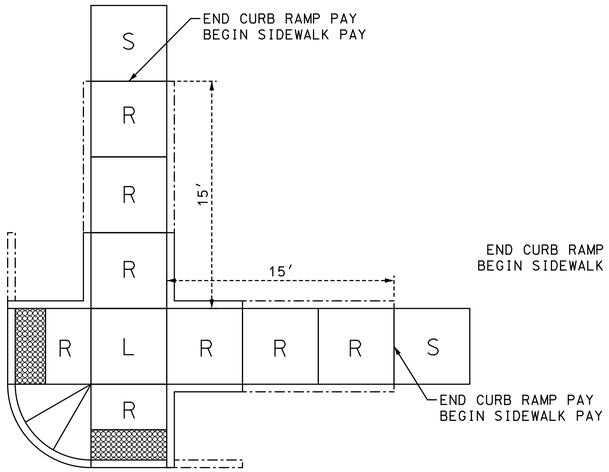
TYPE 3 PARALLEL



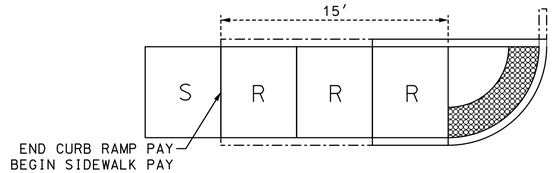
SMALL RADIUS PERPENDICULAR



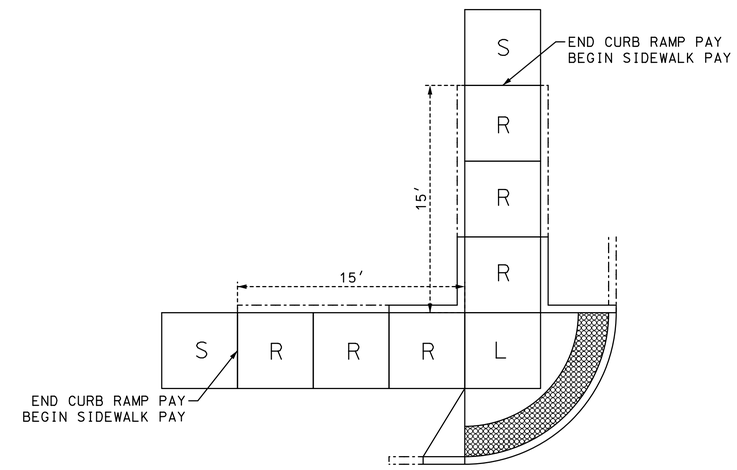
COMPOUND PERPENDICULAR



DUAL PERPENDICULAR
PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH

Notes –
15 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L – LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS.
R – PAY AS RAMP
S – PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENTIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

NOT TO SCALE

SPECIAL SHEETS

SHEET 1 OF 1

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	113

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV.	DESCRIPTION	DATE

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

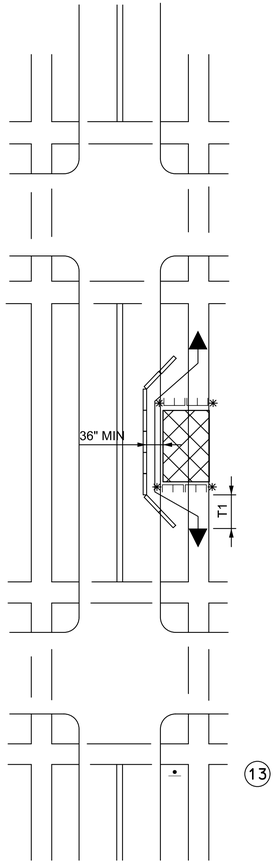
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_SS_01_J6P3510E_I5.dgn 11:03:37 AM 8/4/2026

TRAFFIC CONTROL NOTES:

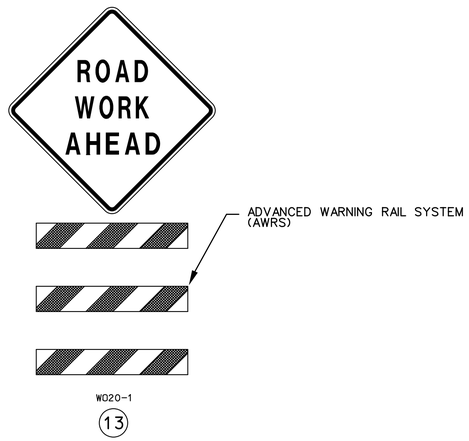
1. TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. CONTRACTOR TO USE FLAGGING OPERATIONS AS REQUIRED FOR ANY PART OF THE TRAFFIC CONTROL SET UP, AS WELL AS ANY OTHER INSTALLATION OF IMPROVEMENTS AS NECESSARY.
3. ANY EXISTING SIGNS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED.
4. ALL SPACING AND DISTANCES ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
5. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
6. REFER TO MODOT STANDARD DRAWING 616.10, 616.20, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
7. CONTRACTOR TO MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.

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



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- ADA COMPLIANT MOVEABLE BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE



616.8.28 SIDEWALK DETOUR OR DIVERSION - MT							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		OPTIONAL	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	200	70	-	250	15	25
40-45	350	500	150	-	360	20	50
50-55	500	1000	185	-	495	50	100
60-70	SA - 1000, SB - 1500, AND SC - 2640		235	-	730	60	100

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

NOTES:

WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

WHERE SIDEWALKS EXIST, PROVISIONS SHOULD BE MADE FOR DISABLED PERSONS.

WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE THE TEMPORARY SIDEWALKS FROM TRAFFIC.

ONLY THE TEMPORARY TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL TRAFFIC.

SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1FT PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7FT

FOR HIGH SPEED FACILITIES, CHANNELIZER SPACING MAY BE REDUCED TO 1/2 SPACING NOTED IN TABLE.

OTHER APPROPRIATE SIGNS MAY BE USED IN LIEU OF SIGN 13.

AUDIBLE INFORMATION DEVICES SHOULD BE CONSIDERED WHERE MIDBLOCK CLOSINGS AND CHANGED SIDEWALK AREAS CAUSE INADEQUATE COMMUNICATION TO BE PROVIDED TO PEDESTIANS WHO HAVE VISUAL DISABILITIES.

FOR LONG-TERM OPERATIONS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

NOT TO SCALE

SIDEWALK DETOUR OR DIVERSION-MT

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 114
COUNTY VARIOUS
JOB NO. J6P3510E
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL

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

REV.

616.8.22SD SHORT DURATION RIGHT LANE CLOSURE AT AN INTERSECTION							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS (FT.)
0-35	200	200	-	-	250	-	40
40-45	350	500	-	-	360	-	80
50-55	500	1000	-	-	495	-	80
60-70	1000	SA - 1000	-	-	730	-	120

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

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE
- FLASHING ARROW PANEL

NOTES:

SHORT DURATION: WORKERS ON FOOT FOR 60 MINUTES OR LESS IN ONE LOCATION.

LOCATION: MAXIMUM LENGTH OF WORK ZONE (L) FOR THE ROAD YOU ARE WORKING ON.

ADVANCED WARNING SIGN IN OPTIONAL, USE EPG 616.33SD FOR SETTING ADVACNED WARNING SIGNS.

ALWAYS USE A PROTECTIVE VEHICLE WITH A FLASHING ARROW PANEL (FAP).

1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE FAP WITH THE APPROPRIATE ARROW MODE.

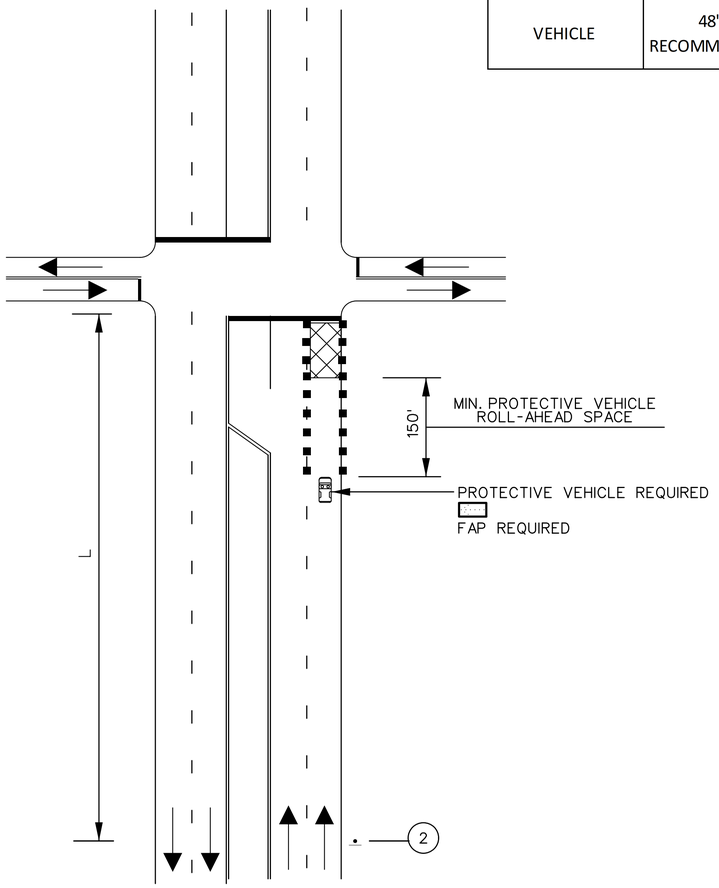
FOR ROADWAYS AT 45 MPH OR LESS, A WORK VEHICLE MAY BE USED AS THE PROTECTIVE VEHICLE.

1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE WORK VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE VEHICLE WITH A FAP WITH THE APPROPRIATE ARROW MODE.
4. ONCE YOU EXIST THE WORK VEHICLE, RETURN ONLY WHEN ADJUSTING POSITION OR READY TO LEAVE THE WORK LOCATION.

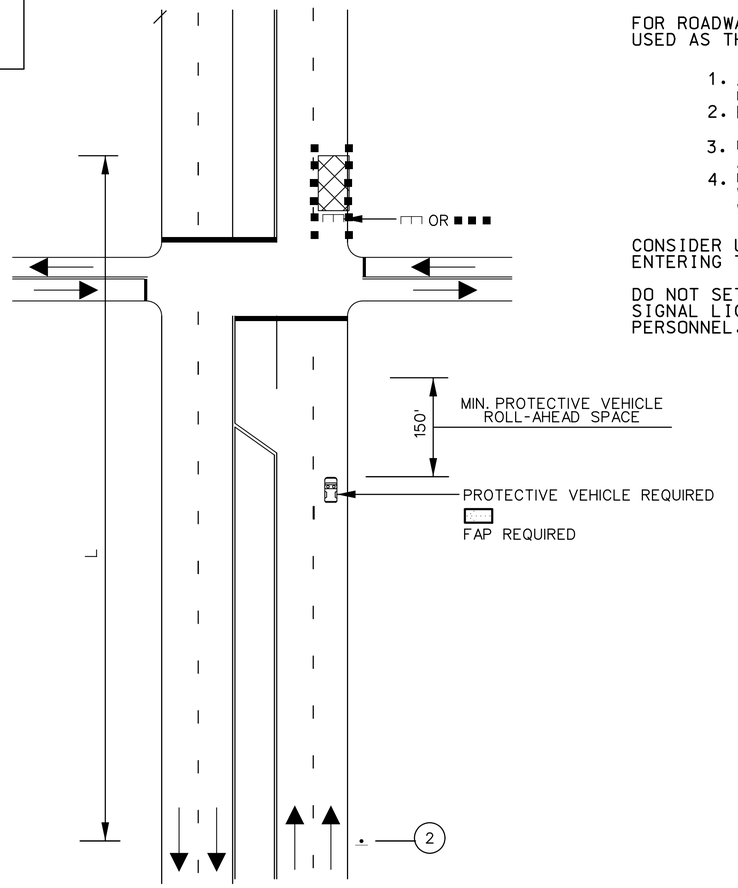
CONSIDER USING CHANNELIZERS TO DETER MOTORISTS FROM ENTERING THE WORK SPACE.

DO NOT SET UP A WORK ZONE IF IT CONFLICTS WITH THE SIGNAL LIGHTS, CONTACT THE APPROPRIATE DISTRICT PERSONNEL.

NEAR SIDE OF INTERSECTION



NEAR SIDE OF INTERSECTION





NOT TO SCALE

SHORT DURATION RIGHT LANE CLOSURE AT AN INTERSECTION

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 115
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL

SHEET 2 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_02_J6P3510E_I5.dgn 11:03:40 AM 8/4/2026

616.8.22S STATIONARY RIGHT LANE CLOSURE AT AN INTERSECTION							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS (FT.)	BUFFER/WORK AREAS (FT.)
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

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

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE
- FLASHING ARROW PANEL

NOTES:

ALWAYS USE ADVANCED WARNING SIGNS AND CHANNELIZERS: USE EPG 616.33SD SHORT DURATION LANE CLOSURE ON A MULTI-LANE HIGHWAY FOR SETTING ADVANCED WARNING SIGNS.

ALWAYS USE A PROTECTIVE VEHICLE WITH A FLASHING ARROW PANEL (FAP).

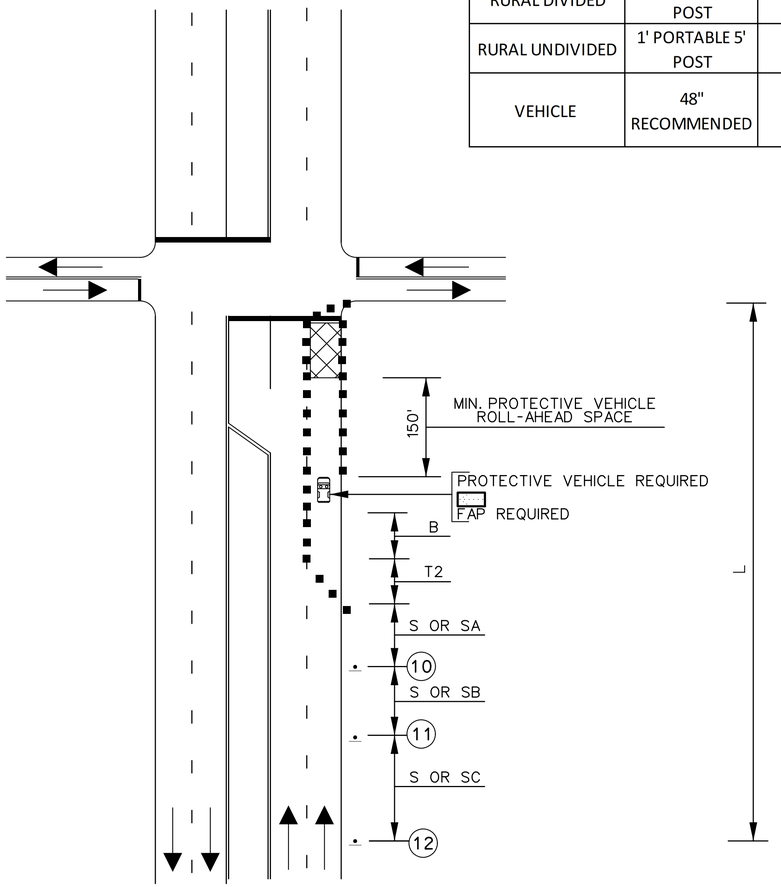
1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE FAP WITH THE APPROPRIATE ARROW MODE.

FOR ROADWAYS AT 45 MPH OR LESS, A WORK VEHICLE MAY BE USED AS THE PROTECTIVE VEHICLE.

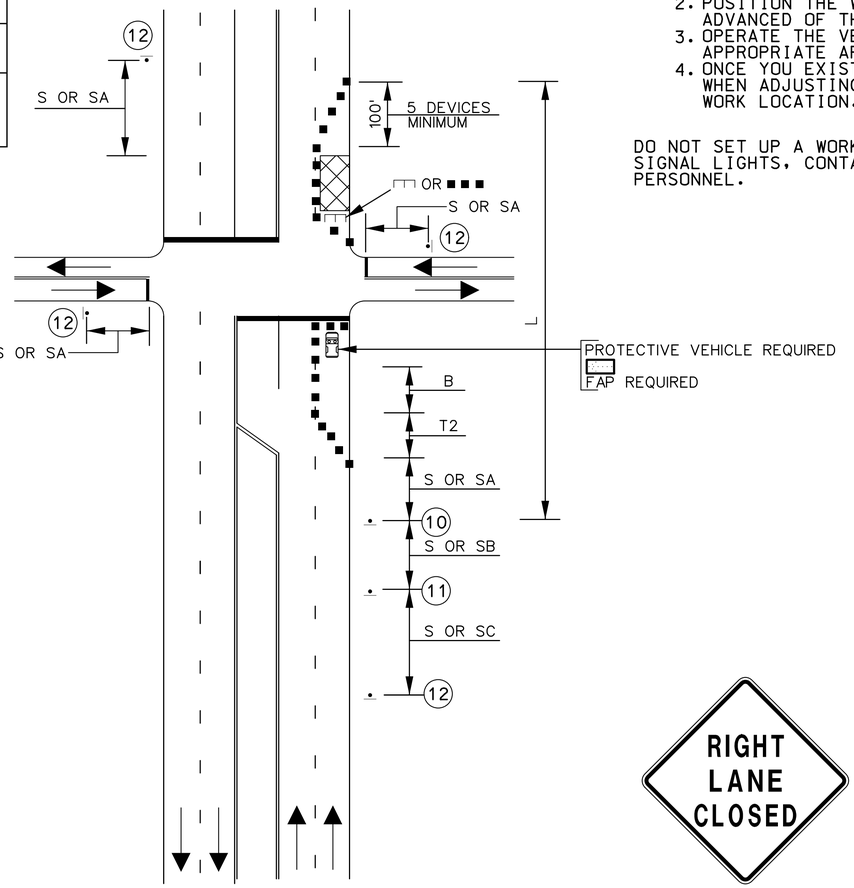
1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE WORK VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE VEHICLE WITH A FAP WITH THE APPROPRIATE ARROW MODE.
4. ONCE YOU EXIST THE WORK VEHICLE, RETURN ONLY WHEN ADJUSTING POSITION OR READY TO LEAVE THE WORK LOCATION.

DO NOT SET UP A WORK ZONE IF IT CONFLICTS WITH THE SIGNAL LIGHTS, CONTACT THE APPROPRIATE DISTRICT PERSONNEL.

NEAR SIDE OF INTERSECTION



NEAR SIDE OF INTERSECTION









NOT TO SCALE

STATIONARY RIGHT LANE CLOSURE AT AN INTERSECTION

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

STATE OF MISSOURI · PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 116
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL

SHEET 3 OF 9

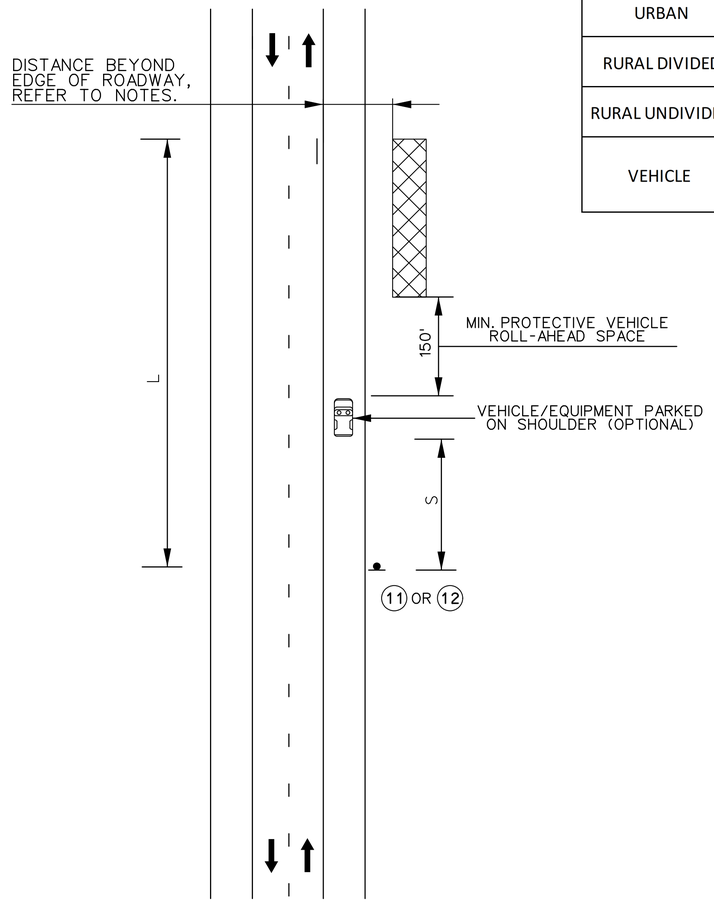
REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_03_J6P3510E_I5.dgn 11:03:42 AM 8/4/2026

616.8.1 SHORT DURATION AND STATIONARY WORK BEYOND THE SHOULDER							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	200	-	-	-	-	-
40-45	350	500	-	-	-	-	-
50-55	500	1000	-	-	-	-	-
60-70	1000	1000	-	-	-	-	-

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

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-



SHOULDER WORK WITH
MINOR TRAVELWAY ENCROACHMENT
DIVIDED AND UNDIVIDED

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE



W021-5
11



W020-1
12

NOTES:

SHORT DURATION: DEFINED AS WORKERS ON FOOT FOR 60MIN OR LESS IN ONE LOCATION. LAYOUT OF TRAFFIC CONTROL IS THE SAME FOR STATIONARY WORK.

LOCATION: DEFINED AS THE MAXIMUM LENGTH OF WORK ZONE (L) FOR THE ROAD YOU ARE WORKING ON.

ADVANCED WARNING SIGNS MAY BE ELIMINATED IF AT LEAST ONE OF THE FOLLOWING CONDITIONS ARE MET:

1. WORK SPACE IS 15 FT OR MORE FROM THE EDGE OF ANY ROADWAY.
2. WORK SPACE IS BEHIND THE CURB.
3. WORK SPACE IS BEHIND BARRIER OR GUARDRAIL.
4. HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ARE ACTIVATED.

WHEN VEHICLES OR EQUIPMENT ARE PARKED ON THE SHOULDER:

1. ACTIVATED HIGH-INTENSITY ROTATING, FLASHING, OSCILATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE A MINIMUM OF 150 FT IN ADVANCE OF THE WORK SPACE, IF POSSIBLE.
3. ONCE YOU EXIST THE WORK VEHIICLE, RETURN ONLY WHEN ADJUSTING POSITION OR READY TO LEAVE THE WORK LOCATION.

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

STATE OF MISSOURI · PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 117
COUNTY VARIOUS
JOB NO. J6P3510E
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

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

REV.

NOT TO SCALE

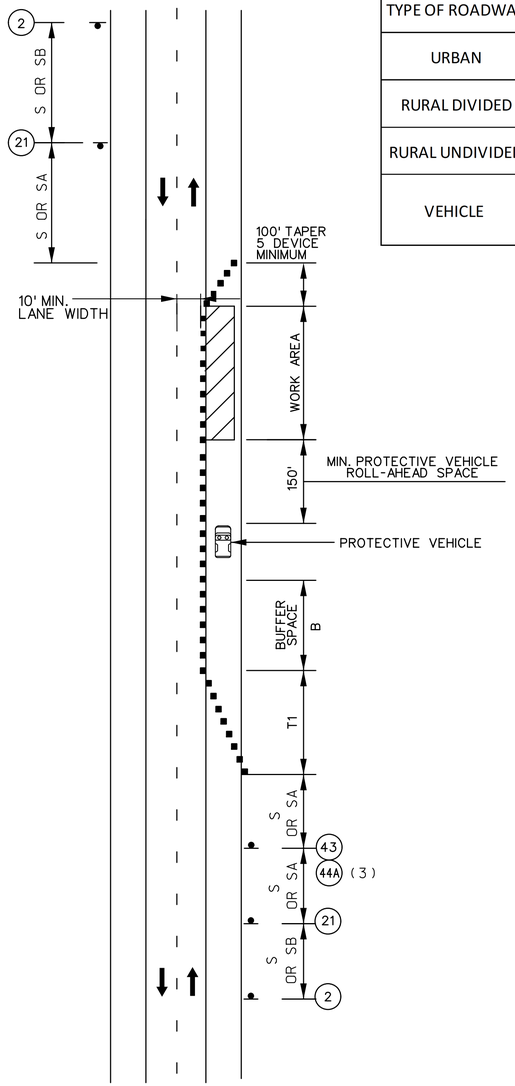
SHORT DURATION AND STATIONARY WORK BEYOND THE SHOULDER

TRAFFIC CONTROL

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_04_J6P3510E_I5.dgn 11:03:45 AM 8/4/2026

616.8.6A SHOULDER WORK WITH MINOR ENCROACHMENT							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER [1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

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



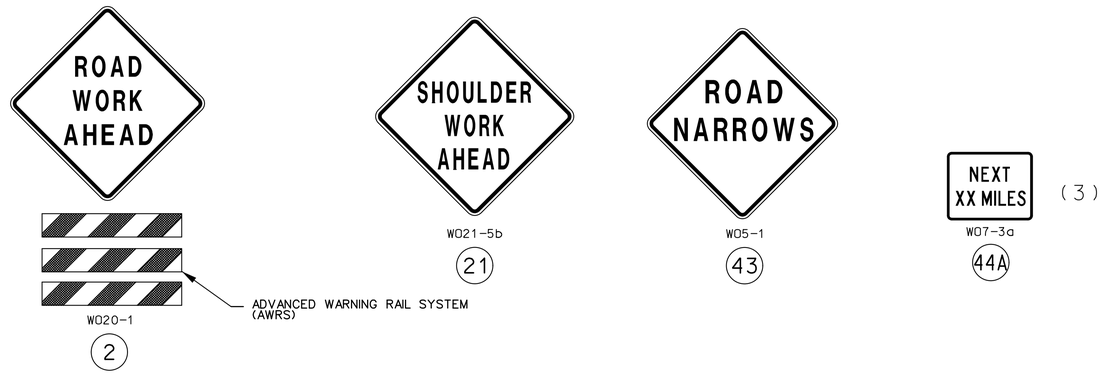
TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-

SHOULDER WORK WITH
MINOR TRAVELWAY ENCROACHMENT
DIVIDED AND UNDIVIDED

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE



NOTES:

ALWAYS USE ADVANCE WARNING SIGNS AND CHANNELIZERS:

1. SET ADDITIONAL WARNING SIGNS AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE

ALWAYS USE A PROTECTIVE VEHICLE WHEN WORKERS ARE PRESENT.

1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.
4. A WORKER VEHICLE MAY BE USED AS A PROTECTIVE VEHICLE.
5. ONCE YOU EXIT THE WORK/PROTECTIVE VEHICLE, RETURN ONLY WHEN READY TO LEAVE THE WORK LOCATION.

SHOULDER WORK WITH MINOR ENCROACHMENT

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026
ROUTE: VAR | STATE: MO
DISTRICT: SL | SHEET NO.: 118
COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL

SHEET 5 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_05_J6P3510E_I5.dgn 11:03:47 AM 8/4/2026

616.8.21SD SHORT DURATION CENTER LANE CLOSURE AT AN INTERSECTION							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS (FT.)
0-35	200	200	-	-	250	-	40
40-45	350	500	-	-	360	-	80
50-55	500	1000	-	-	495	-	80
60-70	1000	SA - 1000	-	-	730	-	120

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

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- FLASHING ARROW PANEL

NOTES:

ALWAYS USE ADVANCED WARNING SIGNS AND CHANNELIZERS: USE EPG 616.33SD SHORT DURATION LANE CLOSURE ON A MULTI-LANE HIGHWAY FOR SETTING ADVANCED WARNING SIGNS.

ALWAYS USE A PROTECTIVE VEHICLE WITH A FLASHING ARROW PANEL (FAP).

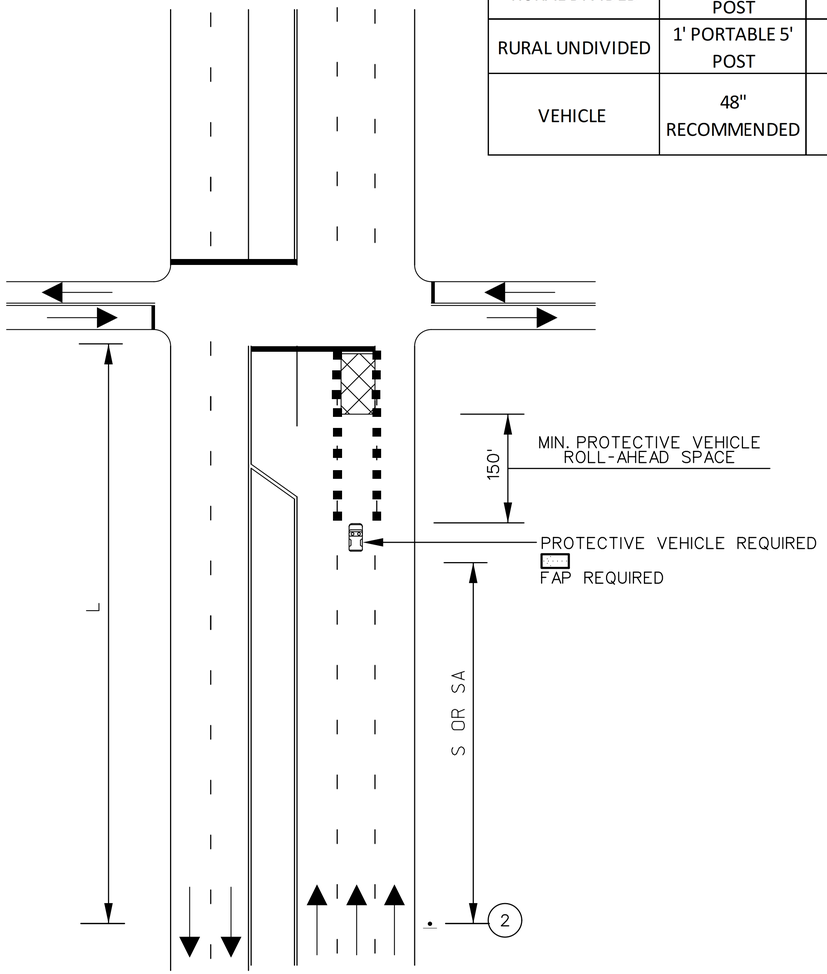
1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE FAP WITH THE APPROPRIATE ARROW MODE.

FOR ROADWAYS AT 45 MPH OR LESS, A WORK VEHICLE MAY BE USED AS THE PROTECTIVE VEHICLE.

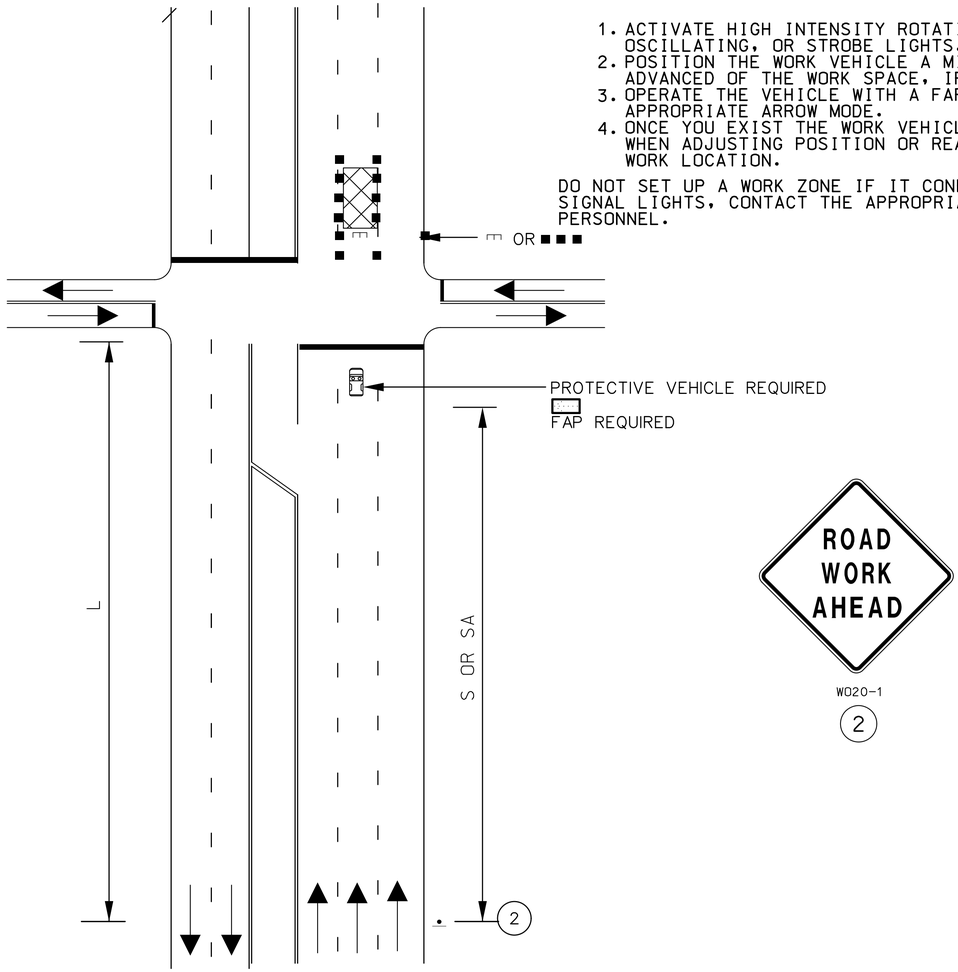
1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE WORK VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE VEHICLE WITH A FAP WITH THE APPROPRIATE ARROW MODE.
4. ONCE YOU EXIST THE WORK VEHICLE, RETURN ONLY WHEN ADJUSTING POSITION OR READY TO LEAVE THE WORK LOCATION.

DO NOT SET UP A WORK ZONE IF IT CONFLICTS WITH THE SIGNAL LIGHTS, CONTACT THE APPROPRIATE DISTRICT PERSONNEL.

NEAR SIDE OF INTERSECTION



FAR SIDE OF INTERSECTION



W020-1

2

NOT TO SCALE

SHORT DURATION CENTER LANE CLOSURE AT AN INTERSECTION

TRAFFIC CONTROL

SHEET 6 OF 9

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 119

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

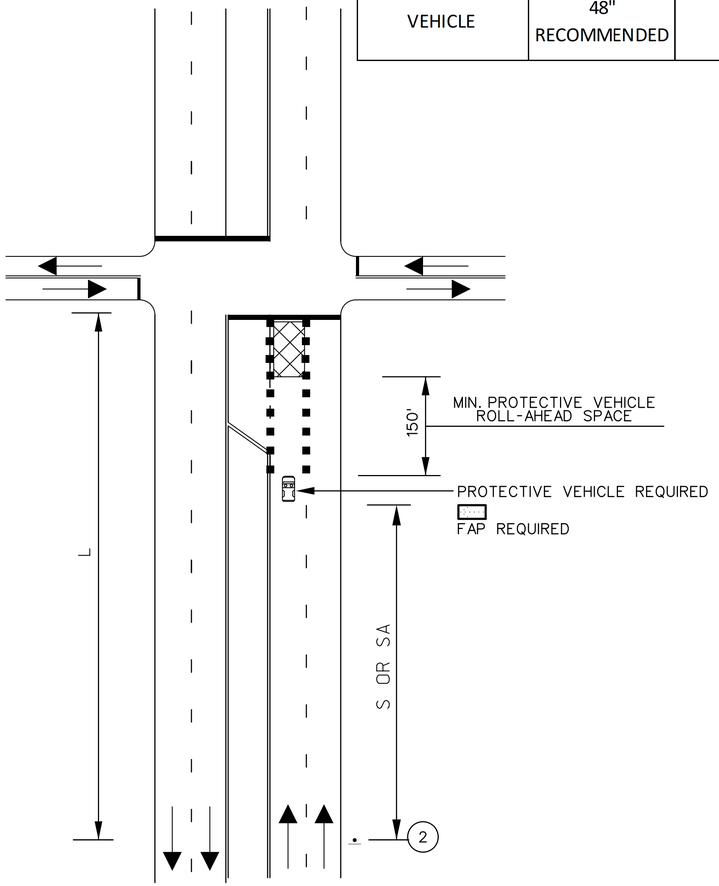
N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_06_J6P3510E_I5.dgn 11:03:49 AM 8/4/2026

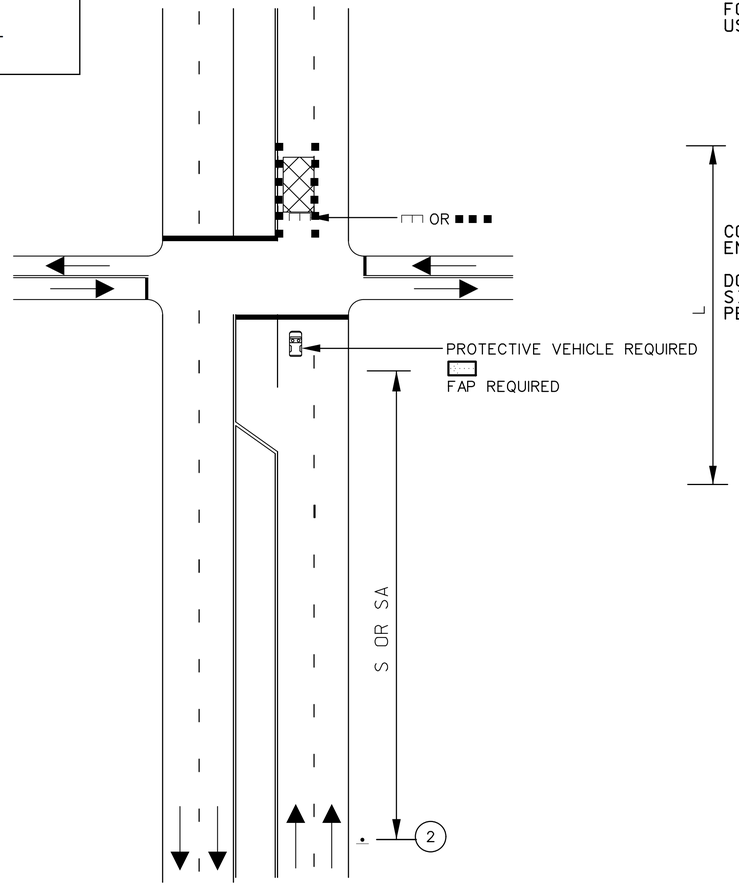
616.8.23SD SHORT DURATION LEFT LANE CLOSURE AT AN INTERSECTION							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED	CHANNELIZER SPACING (FT.)	
NORMAL POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER[1] (T1)	LANE[2] (T2)	BUFFER LENGTH (FT.) (B)	TAPERS	BUFFER/WORK AREAS (FT.)
0-35	200	200	-	-	250	-	40
40-45	350	500	-	-	360	-	80
50-55	500	1000	-	-	495	-	80
60-70	1000	SA - 1000	-	-	730	-	120
1. SHOULDER TAPER LENGTH BASED ON 10FT (STANDARD SHOULDER WIDTH) OFFSET. 2. LANE TAPER BASED ON 12FT *STANDARD LANE WIDTH) OFFSET.							

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL DIVIDED	1' PORTABLE 7' POST	2 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI
VEHICLE	48" RECOMMENDED	-

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADE
- LONGITUDINAL CHANNELIZING DEVICE
- FLASHING ARROW PANEL





NOTES:

SHORT DURATION: WORKERS ON FOOT FOR 60 MINUTES OR LESS IN ONE LOCATION.

LOCATION: MAXIMUM LENGTH OF WORK ZONE (L) FOR THE ROAD YOU ARE WORKING ON.

ADVANCED WARNING SIGN IN OPTIONAL, USE EPG 616.33SD FOR SETTING ADVACNED WARNING SIGNS.

ALWAYS USE A PROTECTIVE VEHICLE WITH A FLASHING ARROW PANEL (FAP).

1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE PROTECTIVE VEHICLE 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE FAP WITH THE APPROPRIATE ARROW MODE.

FOR ROADWAYS AT 45 MPH OR LESS, A WORK VEHICLE MAY BE USED AS THE PROTECTIVE VEHICLE.

1. ACTIVATE HIGH INTENSITY ROTATING, FLASHNING, OSCILLATING, OR STROBE LIGHTS.
2. POSITION THE WORK VEHICLE A MINIMUM OF 150 FT IN ADVANCED OF THE WORK SPACE, IF POSSIBLE.
3. OPERATE THE VEHICLE WITH A FAP WITH THE APPROPRIATE ARROW MODE.
4. ONCE YOU EXIST THE WORK VEHICLE, RETURN ONLY WHEN ADJUSTING POSITION OR READY TO LEAVE THE WORK LOCATION.

CONSIDER USING CHANNELIZERS TO DETER MOTORISTS FROM ENTERING THE WORK SPACE.

DO NOT SET UP A WORK ZONE IF IT CONFLICTS WITH THE SIGNAL LIGHTS, CONTACT THE APPROPRIATE DISTRICT PERSONNEL.



WO20-1
2

NOT TO SCALE

SHORT DURATION LEFT LANE CLOSURE AT AN INTERSECTION

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	120

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

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

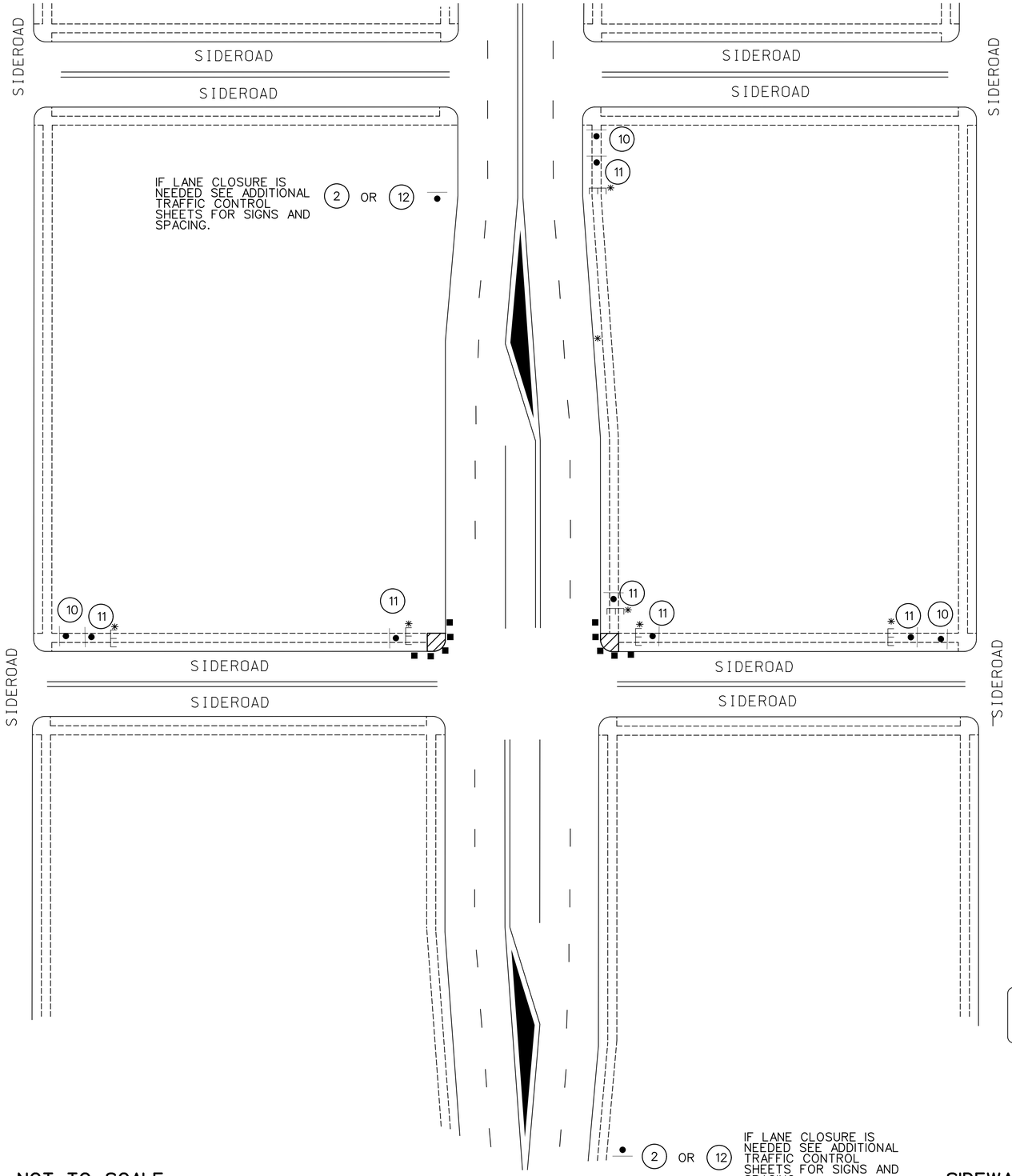
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

TRAFFIC CONTROL

SHEET 7 OF 9

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_07_J6P3510E_I5.dgn 11:03:51 AM 8/4/2026



NOT TO SCALE

SIDEWALK DETOUR

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ADA COMPLIANT MOVEABLE BARRICADE
- WORK AREA

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

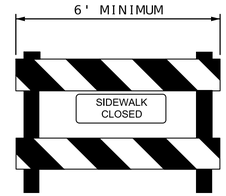
ADA COMPLIANT MOVEABLE BARRICADE

1) WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.

2) CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFECTIVE SHEETING AND COLOR CONTRASTS BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MIN. OF TWO 8"WIDE RAILS REQUIRED.

3) NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NOT FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.

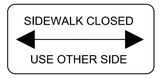
4) THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



NOTES:

WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.

WHERE SIDEWALKS EXIST, PROVISIONS SHOULD BE MADE FOR DISABLED PERSONS.



R9-10

10



R9-9

11



W021-5

12



W020-1

2

EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
STATE OF MISSOURI

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	121

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL

SHEET 8 OF 9

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

LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	122

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

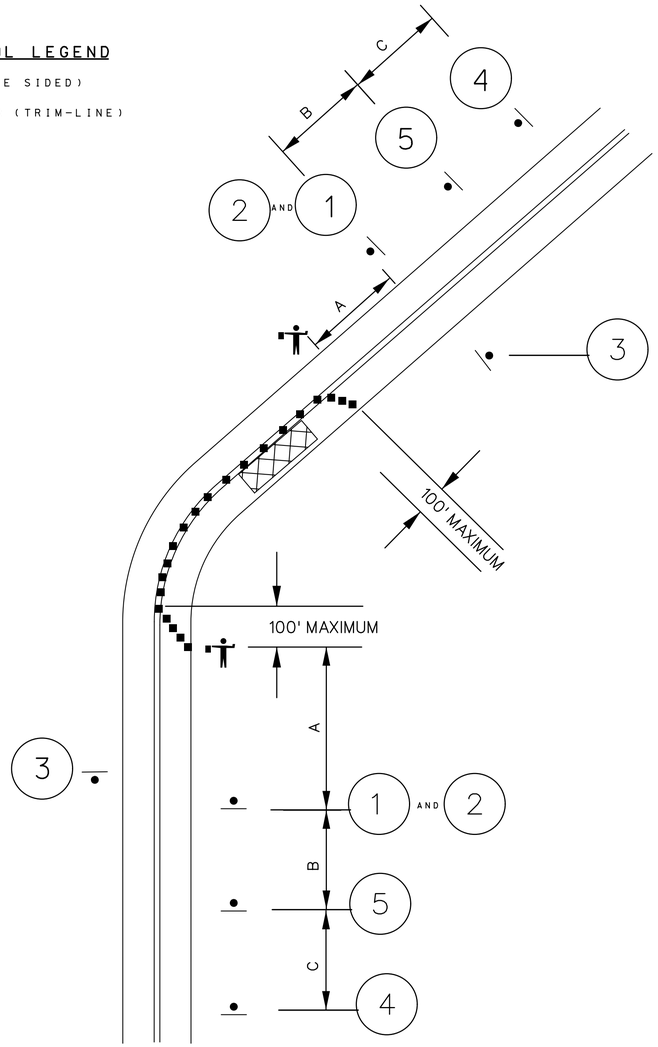
DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLAGGER



Road Type	Distance Between Signs		
	A	B	C
URBAN (LOW SPEED)	30 (100)	30 (100)	30 (100)
URBAN (HIGH SPEED)	100 (350)	100 (350)	100 (350)
RURAL	150 (500)	150 (500)	150 (500)
EXPRESSWAY/FREEWAY	300 (1,000)	450 (1,500)	800 (2,640)



WO20-7a
1



WO16-2
2



GO20-2
3



WO20-1
4





WO20-4
5

NOT TO SCALE

LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

TRAFFIC CONTROL

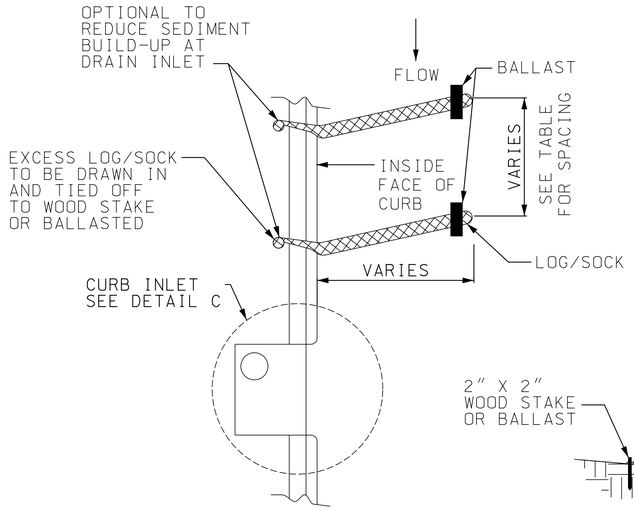
SHEET 9 OF 9

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\XX_TC_09_J6P3510E_I5.dgn 11:03:54 AM 8/4/2026

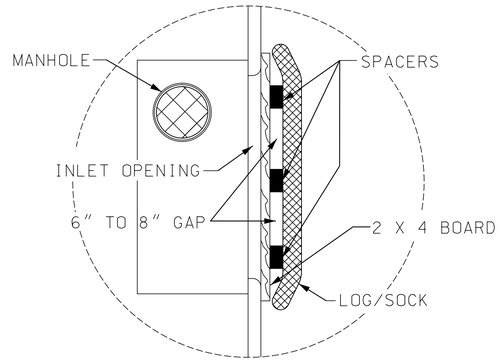
DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED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

TEMPORARY EROSION CONTROL MEASURES

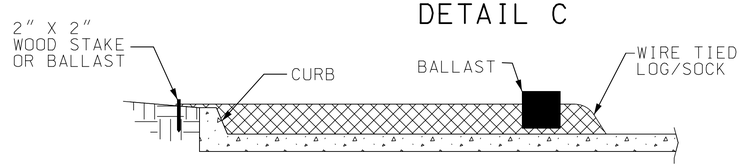
806.10K



PLAN



DETAIL C



SECTION

CURB INLET PROTECTION

NOTES:

PRIOR TO PLACEMENT ALL DEBRIS, ROCK, LARGE CLODS AND WOOD VEGETATION SHALL BE CLEARED.

LOG/SOCK PLACED ON PAVEMENT SHALL BE WEIGHTED DOWN WITH GRAVEL/SAND BALLAST.

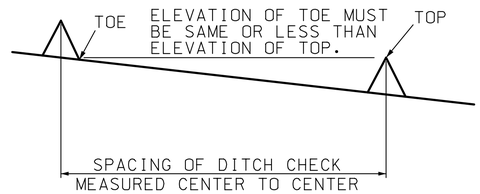
GENERAL NOTES:

OTHER PROPRIETARY INLET PROTECTION MAY BE SUBSTITUTED IN ACCORDANCE WITH SEC 806 OR AS DIRECTED BY THE ENGINEER.

EXAMPLE DITCH CHECK SPACING FOR STANDARD HEIGHTS

(FT.)

DITCH ℄ SLOPE %	SPACING FOR 9" EFF. HEIGHT	SPACING FOR 18" EFF. HEIGHT
0.5	150	300
1.0	75	150
1.5	50	100
2.0	37	75
2.5	30	60
3.0	25	50
3.5	21	43
4.0	19	38
4.5	16	33
5.0	15	30
5.5	13	27
6.0	12	25
6.5	11	23
7.0	10	21
7.5	10	20
8.0	9	19
8.5	9	18
9.0	8	17
9.5	8	16
10.0	7	15



MINIMUM DITCH CHECK SPACING

EROSION CONTROL

TEMPORARY SILT FENCE
SHEET 1 OF 2

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 123

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

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

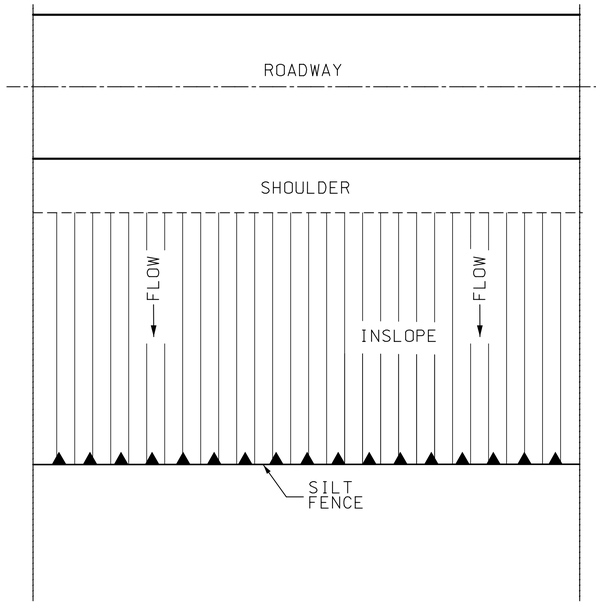
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

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

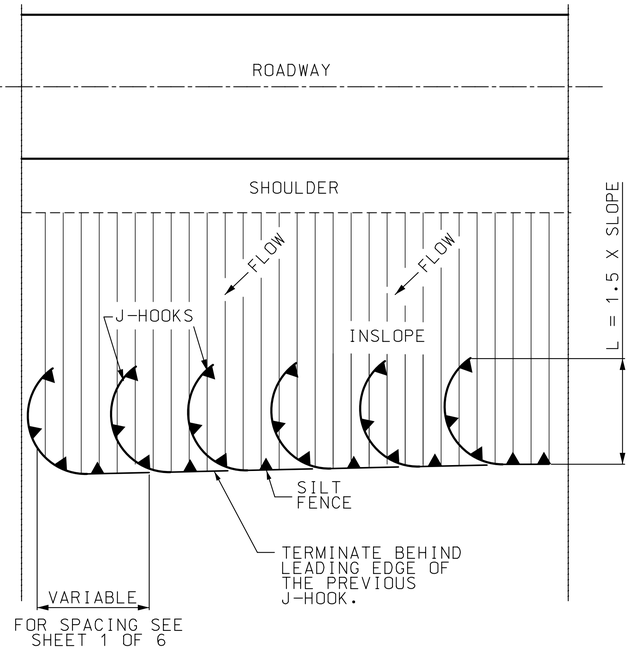
STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 124
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

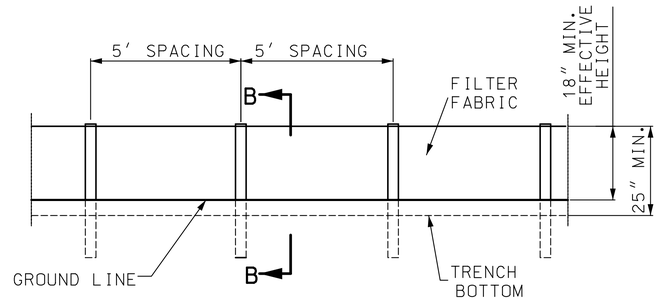
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



PERIMETER SILT FENCE FOR TRANSVERSE FLOW



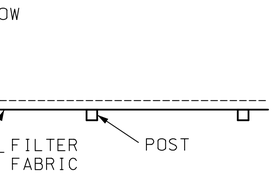
PERIMETER SILT FENCE FOR ANGULAR FLOW



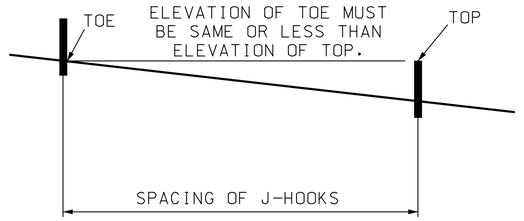
ELEVATION DETAIL FABRIC SILT FENCE

TEMPORARY EROSION CONTROL MEASURES

806.10K



PLAN VIEW



MINIMUM J-HOOK SPACING

GENERAL NOTES:

USE SILT FENCE FOR FILL HEIGHTS GREATER OR EQUAL TO 10 FEET. ON ALL FILLS GREATER THAN 10 FEET HIGH, MID-SLOPE RUNS OF SILT FENCE SHOULD BE CONSIDERED.

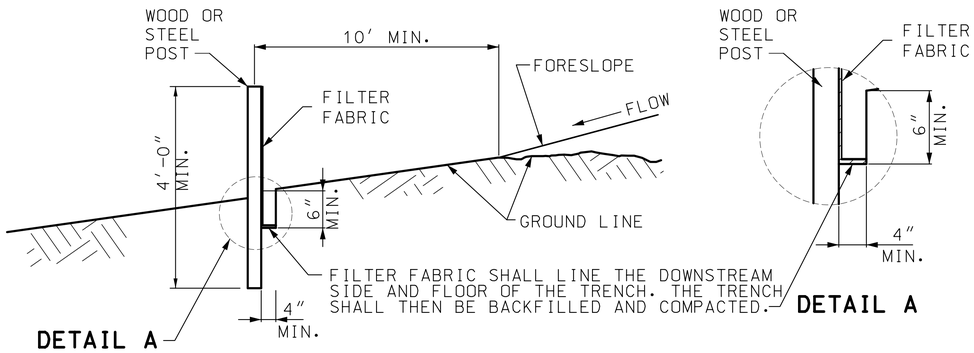
FOR FABRIC SILT FENCE:

MINIMUM LONGITUDINAL SPLICE OVERLAP SHALL BE 2' WITH A POST AT EACH END.

SECURE FABRIC TO POSTS.

INSTEAD OF SILT FENCE ACROSS DRAINAGE DITCHES AND DRAINS, DITCH CHECKS SHALL BE USED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

AT CULVERTS, PLACE SEDIMENT BARRIERS OVER THE TOP OF THE CULVERTS (NOT IN THE STREAM CHANNEL).



TYPICAL B-B

EROSION CONTROL

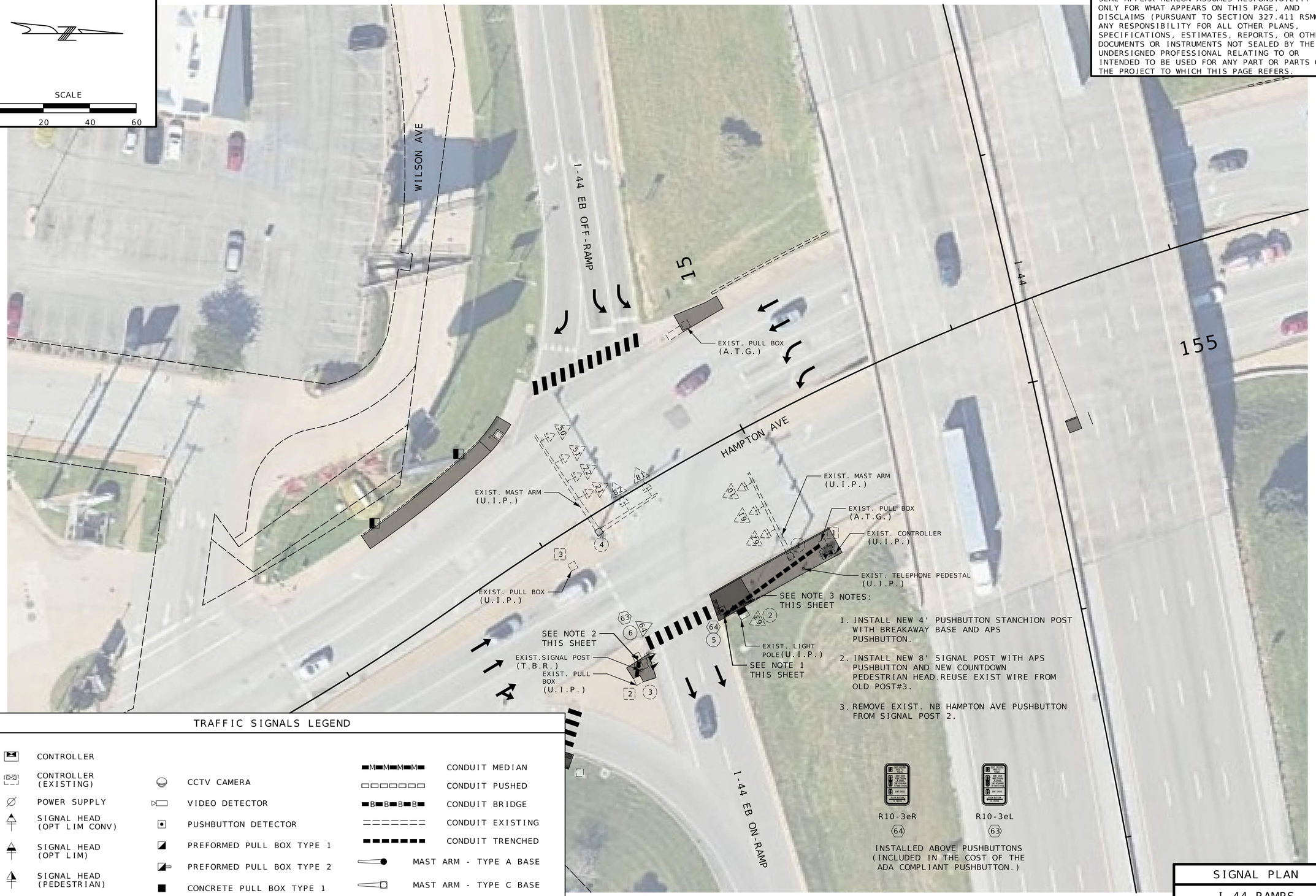
TEMPORARY SILT FENCE
SHEET 2 OF 2

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

DESCRIPTION | DATE | REV.

SCALE

0 20 40 60



1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON.
2. INSTALL NEW 8' SIGNAL POST WITH APS PUSHBUTTON AND NEW COUNTDOWN PEDESTRIAN HEAD.REUSE EXIST WIRE FROM OLD POST#3.
3. REMOVE EXIST. NB HAMPTON AVE PUSHBUTTON FROM SIGNAL POST 2.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	125

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

I-44 RAMPS AND HAMPTON AVE

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\30A-11_SG_J6P3510E_I20.dgn 11:04:00 AM 8/4/2026

EFFECTIVE: 07-01-2018

BASE

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	LOCATION STATION	LOCATION OFFSET	BASE A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)
			CONTROLLER	(AS REQ'D)														
5		HAMPTON	14+60	63' RT												1		(1)
6		HAMPTON	14+08	64' RT													1	0.44
				SUBTOTAL														0.44
				TOTAL														0.44

PULL BOX

PREFORMED CLASS 1	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C

POST

STANCHION POST	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K
1	1																			

LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III
	6	64											1												1																	1		
SUBTOTAL																																											
TOTAL																																											

ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B
	1														

TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- T	S	B	35- T	S	B	44- T	S	B	45- T	S	B

	ONE-FACE	TWO-FACE
SUBTOTAL OPTICALLY LIMITED		
SUBTOTAL CONVENTIONAL	1	
SUBTOTAL COMBINATION OL & CONV		
TOTAL OPTICALLY LIMITED		
TOTAL CONVENTIONAL	1	
TOTAL COMBINATION OL & CONV		

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:
SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"		PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"		REMARKS
1	5	52'			54'												
2	6	7'			9'												
SUBTOTALS					63'												
TOTALS					63'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	LUMINAIRE POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	FIBER MULTI-MODE	REMARKS
	5	56'			79'											PUSH BUTTON 64
SUBTOTALS					79'											
TOTALS					83'											

NOTE: CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSHBUTTON 63 & 64.

NOTE: CABLE LENGTHS HAVE AN EXTRA 5.0% FOR SNAKING ADDED TO THE TOTALS.

I-44 RAMPS AND HAMPTON AVE
INTERSECTION

D-37A/B

REV.

EMMA C. WOODS NUMBER PE-2024003794
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 126
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
63	I-44 EB ON-RAMP	1				
64	I-44 EB ON-RAMP	1				
TOTAL		2				

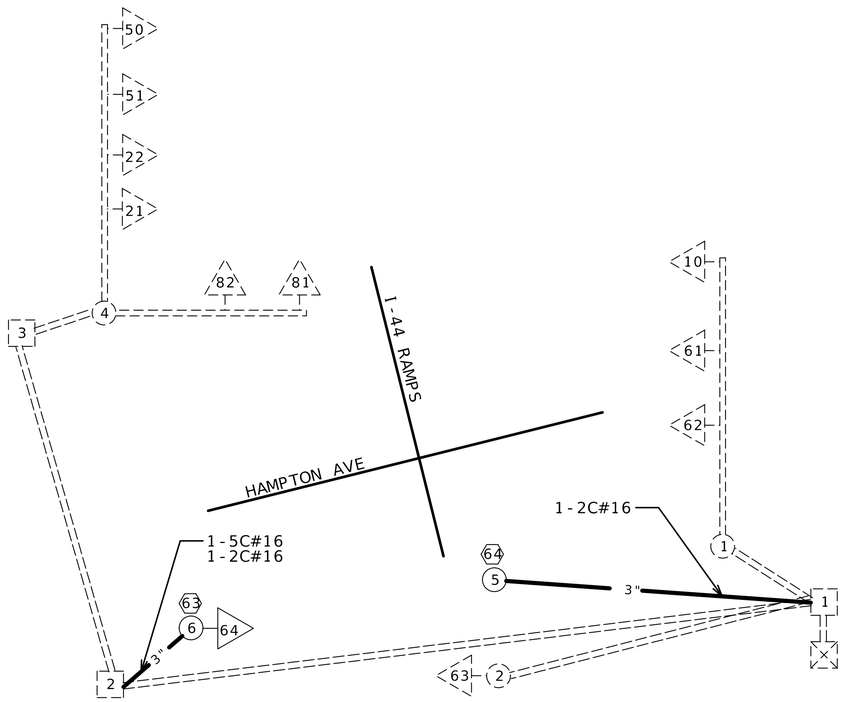
NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3ER	9 X 15	0.9	0.9	1
1	R10-3EL	9 X 15	0.9	0.9	1
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	1.8	2
			TOTAL	2	2

WIRING DIAGRAM



NOT TO SCALE

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

I-44 RAMPS AND HAMPTON AVE
INTERSECTION

D-37C/D

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	127

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

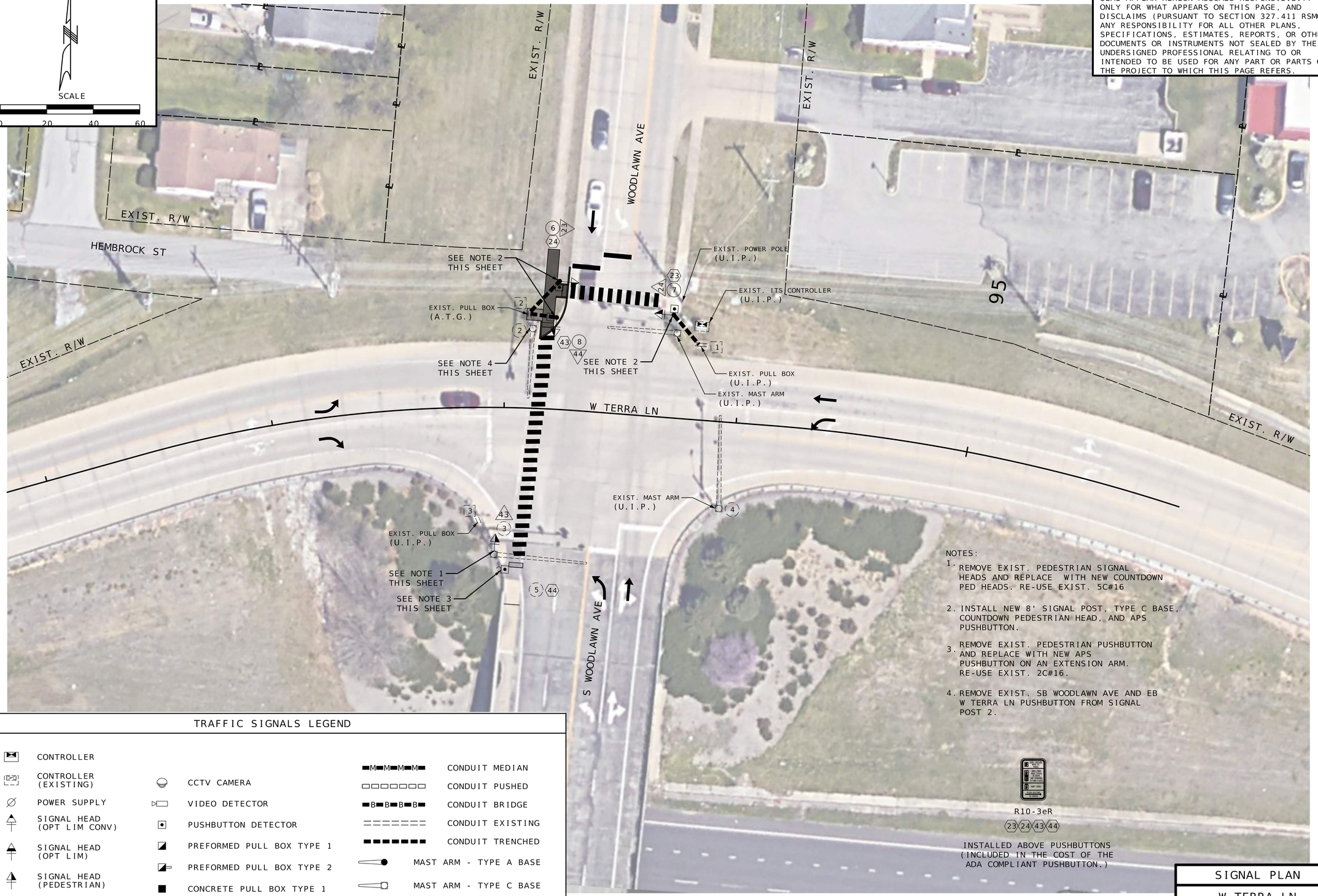
REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCALE

0 20 40 60



NOTES:

1. REMOVE EXIST. PEDESTRIAN SIGNAL HEADS AND REPLACE WITH NEW COUNTDOWN PED HEADS. RE-USE EXIST. 5C#16
2. INSTALL NEW 8' SIGNAL POST, TYPE C BASE, COUNTDOWN PEDESTRIAN HEAD, AND APS PUSHBUTTON.
3. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON ON AN EXTENSION ARM. RE-USE EXIST. 2C#16.
4. REMOVE EXIST. SB WOODLAWN AVE AND EB W TERRA LN PUSHBUTTON FROM SIGNAL POST 2.

R10-3eR

23 24 43 44

INSTALLED ABOVE PUSHBUTTONS (INCLUDED IN THE COST OF THE ADA COMPLIANT PUSHBUTTON.)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	128

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

REV.	DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

W TERRA LN
AND WOODLAWN AVE

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-12_SG_J6P3510E_I20.dgn 11:04:08 AM 8/4/2026

EFFECTIVE: 07-01-2018

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	LOCATION STATION	LOCATION OFFSET	BASE A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	II A	II B	II C	POST STANCHION POST	TOP MOUNT POST 8 FT.	15 FT.	TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
			CONTROLLER	(AS REQ'D)																																																																						
6		W TERRA LN	93+21	55' LT													1	0.44													1																																									
7		W TERRA LN	93+70	44' LT													1	0.44													1																																									
8		W TERRA LN	93+20	40' LT													1	0.44													1																																									
																	SUBTOTAL	1.32													3																																									
																	TOTAL	1.4													3																																									

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B	TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- S	B	35- S	B	44- S	B	45- S	B
	6	23												1												1																	1				1																													
	7	24												1												1																	1				1																													
	3	43												1												1																	1				1																													
	8	44												1												1																	1				1																													
		SUBTOTAL																																																																											
		TOTAL																																																																											

	1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B	11- T	S	B	33- T	S	C	B	34- S	B	35- S	B	44- S	B	45- S	B
SUBTOTAL OPTICALLY LIMITED																															
SUBTOTAL CONVENTIONAL		4																													
SUBTOTAL COMBINATION OL & CONV																															
TOTAL OPTICALLY LIMITED																															
TOTAL CONVENTIONAL		4																													
TOTAL COMBINATION OL & CONV																															

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE.CONTRACTOR SHALL ADJUST AS NECESSARY.

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"		PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"		REMARKS
2	⑥	19'			21'												
1	⑦	17'			19'												
2	⑧	12'			14'												
SUBTOTALS					54'												
TOTALS					54'												

NOTE: CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSHBUTTON 44 AND PED HEAD 43.

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER	POWER	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	CONTROL 3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	LUMINAIRE POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	FIBER MULTI-MODE	REMARKS
☒	⑥	101'				131'										PEDESTRIAN HEAD 23
☒	⑥	101'			130'											PUSHBUTTON 24
☒	⑦	25'				49'										PEDESTRIAN HEAD 24
☒	⑦	25'			48'											PUSHBUTTON 23
☒	⑧	94'				124'										PEDESTRIAN HEAD 44
☒	⑧	94'			123'											PUSHBUTTON 43
SUBTOTALS					301'	304'										
TOTALS					320'	320'										

NOTE: CABLE LENGTHS HAVE AN EXTRA 5.0% FOR SNAKING ADDED TO THE TOTALS.

W TERRA LN AND WOODLAWN AVE
INTERSECTION

D-37A/B

EMMA C. WOODS
NUMBER
PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	
8/4/2026	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 129
COUNTY VARIOUS	
JOB NO. J6P3510E	
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

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

REV.

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
23	SB W TERRA LN	1					
24	SB W TERRA LN	1					
43	NB WOODLAWN AVE	1					
44	NB WOODLAWN AVE	1	1				
TOTAL		4	1				

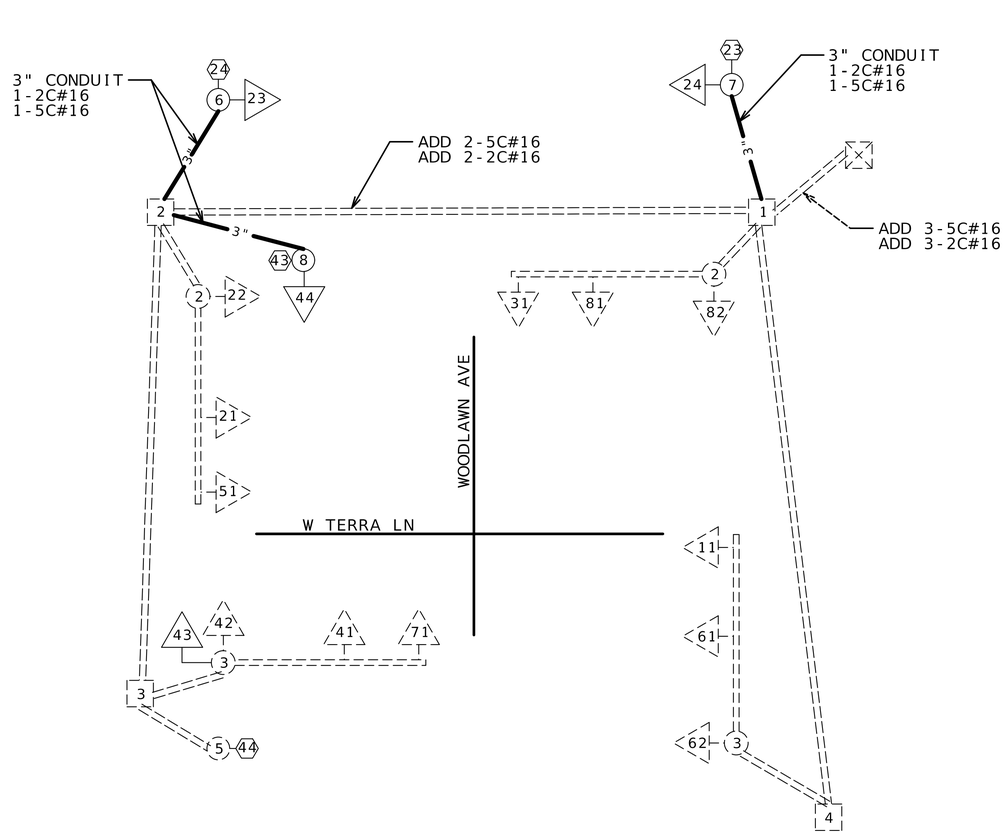
NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3ER	9 X 15	0.9	3.6	4
	R10-3EL	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	3.6	4
			TOTAL	4	4

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

W TERRA LN AND WOODLAWN AVE
INTERSECTION

D-37C/D

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 130

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

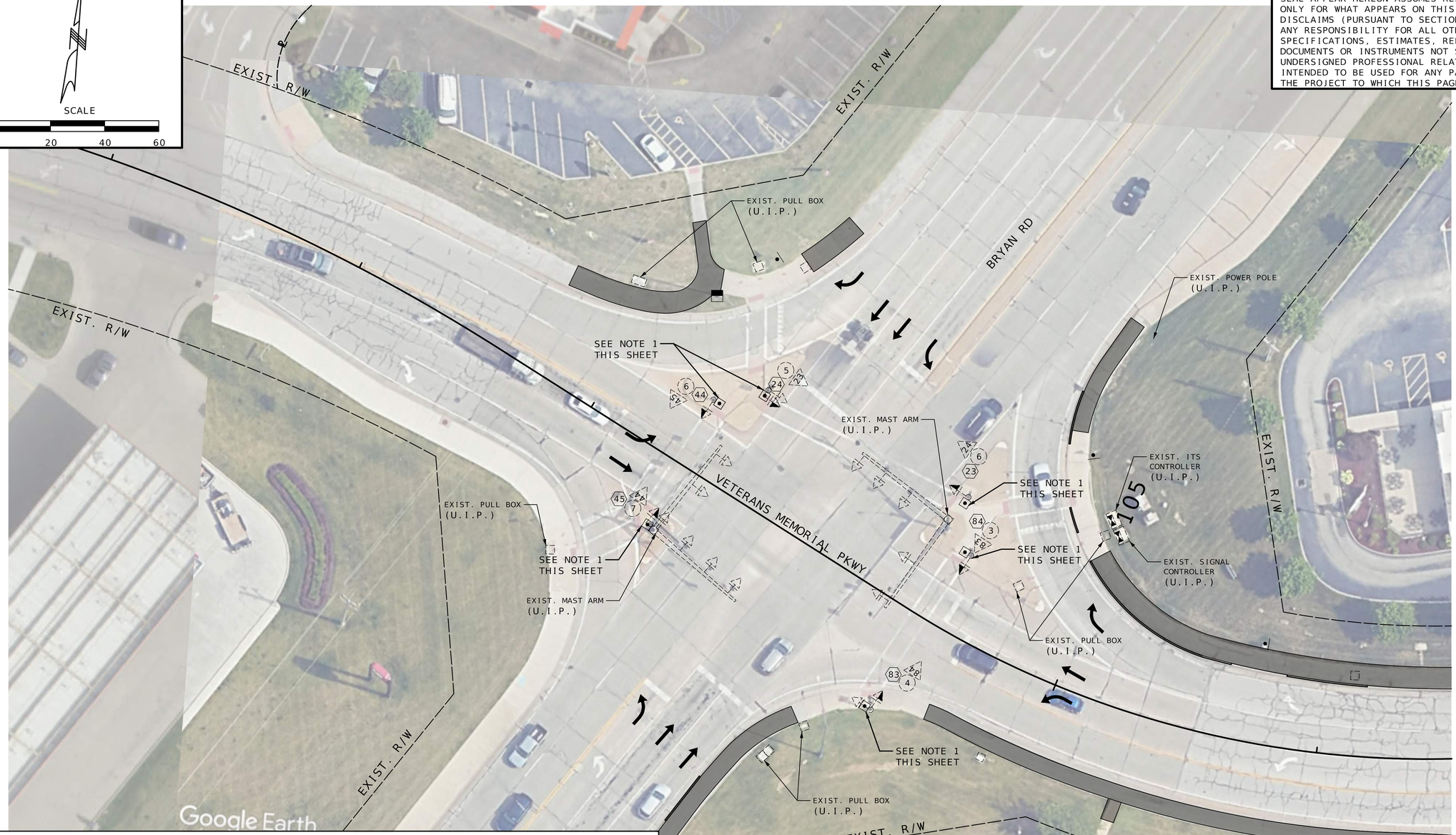
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-14_SG_J6P3510E_I1.dgn 11:04:14 AM 8/4/2026



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

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

NOTE:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. RE-USE EXIST. 2C#16.

R10-3eR — 24 84

R10-3eL — 23 44 45 83

INSTALLED ABOVE PUSHBUTTONS (INCLUDED IN THE COST OF THE ADA COMPLIANT PUSHBUTTON.)

STATE OF MISSOURI — PROFESSIONAL ENGINEER
EMMA C. WOODS
NUMBER PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	131

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

REV.	DESCRIPTION	DATE

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

VETERANS MEM. PKWY AND BRYAN RD

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-15_SG_J6P3510E_I20.dgn 11:04:17 AM 8/4/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
23	WB VETERANS PKWY	1				
24	WB VETERANS PKWY	1				
44	SB BRYAN RD	1				
45	SB BRYAN RD	1				
83	NB BRYAN RD	1				
84	NB BRYAN RD	1				
	TOTAL	6				

NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3ER	9 X 15	0.9	1.8	2
4	R10-3EL	9 X 15	0.9	3.6	4
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	5.4	6
			TOTAL	6	6

WIRING DIAGRAM

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

VETERANS MEMORIAL PKWY AND BRYAN RD
INTERSECTION

D-37C/D

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	132

COUNTY: VARIOUS
JOB NO.: J6P3510E
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

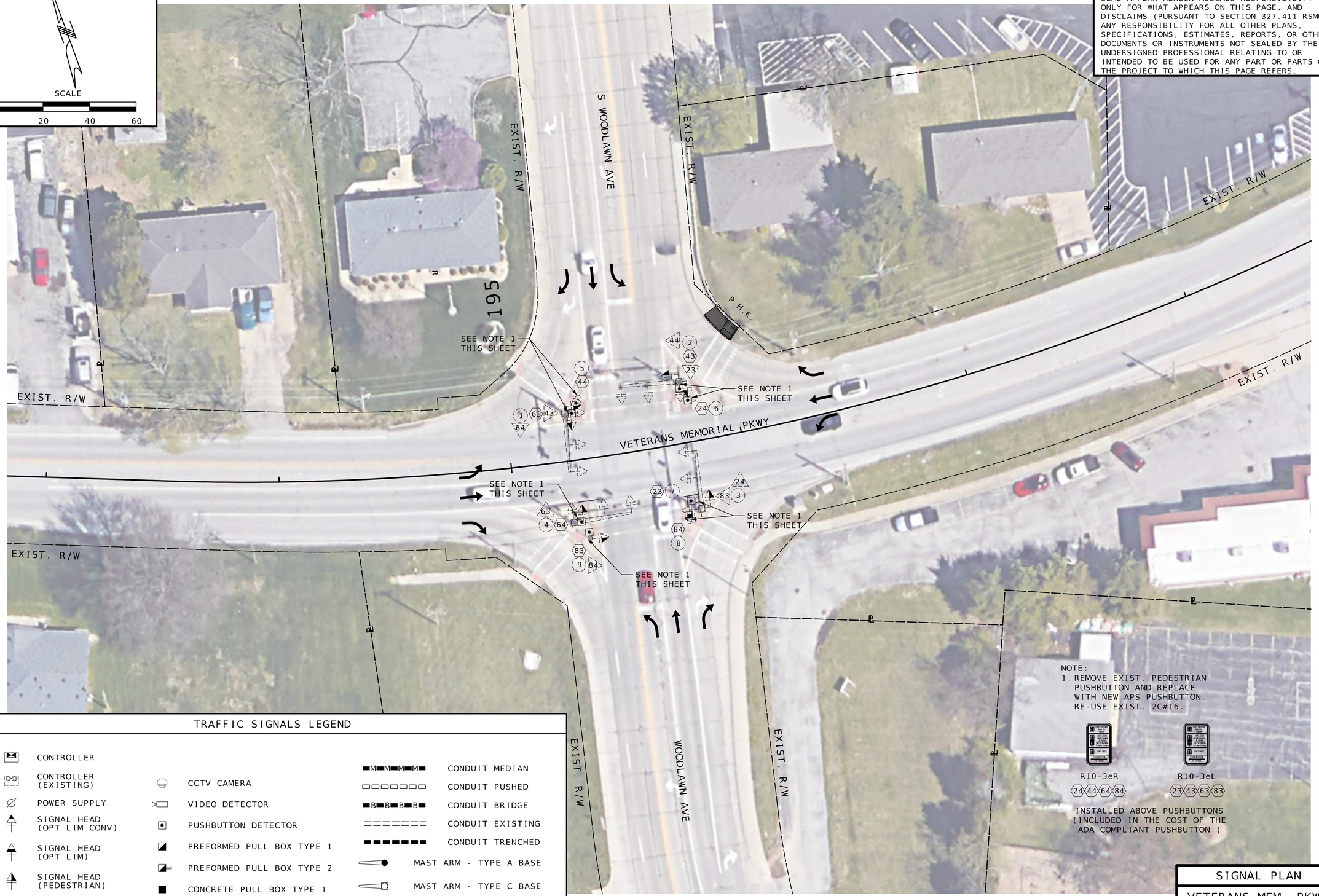
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-16_SG_J6P3510E_I1.dgn 11:04:22 AM 8/4/2026

SCALE

0 20 40 60



TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED
8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	133

COUNTY
VARIOUS

JOB NO.
J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

VETERANS MEM. PKWY AND WOODLAWN AVE

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\37-17_SG_J6P3510E_I20.dgn 11:04:24 AM 8/4/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
23	NB WOODLAWN AVE	1				
24	NB WOODLAWN AVE	1				
43	WB VETERAN MEMORIAL	1				
44	WB VETERAN MEMORIAL	1				
63	SB WOODLAWN AVE	1				
64	SB WOODLAWN AVE	1				
83	EB VETERAN MEMORIAL	1				
84	EB VETERAN MEMORIAL	1				
	TOTAL	8				

NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3ER	9 X 15	0.9	3.6	4
4	R10-3EL	9 X 15	0.9	3.6	4
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2	8
			TOTAL	7	8

WIRING DIAGRAM

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

VETERANS MEMORIAL PKWY AND WOODLAWN AVE
INTERSECTION

D-37C/D

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE VAR | STATE MO

DISTRICT SL | SHEET NO. 134

COUNTY VARIOUS

JOB NO. J6P3510E

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE | REV.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCALE
0 20 40 60

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

EB I-70 OFF RAMP
EB INTERSATE 70
WB INTERSATE 70
WB I-70 ON RAMP
WB I-70 OFF RAMP
EB I-70 ON RAMP
GRAND AVE
N56°27'25"E
POT STA 3+07.59
POT STA 7+06.93
SEE NOTE 1 THIS SHEET
SEE NOTE 2 THIS SHEET
SEE NOTE 3 THIS SHEET
SEE NOTE 3 AND NOTE 4 THIS SHEET
REPLACE DAMAGED PULL BOX 70 AND ADJUST TO GRADE

NOTES:
1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND NEW ADA COMPLIANT PUSHBUTTON.
2. REPLACE WITH NEW ADA COMPLIANT PUSHBUTTON ON AN EXTENSION ARM.
3. REMOVE EXIST. PEDESTRIAN SIGNAL HEADS AND REPLACE WITH NEW COUNT DOWN PED HEADS.
4. REMOVE EXIST. PEDESTRIAN PUSHBUTTON REPLACE WITH NEW ADA COMPLIANT PUSHBUTTON.

R10-3eR 24 26 63 66
R10-3eL 64 23
INSTALLED ABOVE PUSH BUTTONS (INCLUDED IN THE COST OF THE ADA COMPLIANT PUSHBUTTON.)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

EMMA C. WOODS NUMBER PE-2024003794
STATE OF MISSOURI * PROFESSIONAL ENGINEER *
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 135
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE | REV.

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN
I-70 OUTER ROAD AND GRAND AVE

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\102-03_SG_J6P3510E_I20.dgn 11:04:37 AM 8/4/2026

EFFECTIVE: 07-01-2018

LOCATION / BASE / PULL BOX / POST

POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	BASE A (9 / 9.5 / 10 / 10.5 / 11 / 12)	BASE F (9 / 9.5 / 10 / 10.5 / 11)	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	POST STANCHION POST	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.
			CONTROLLER	(AS REQ'D)																			
12		GRAND AVE	3+76	42' LT			1		(1)												1		
				SUBTOTAL					(1)												1		
				TOTAL					(1)												1		

POST — TYPE C & CL / TYPE B & BL

POST STANCHION POST	TYPE C & CL ARM LENGTH A	SIGNAL SPACING A	SIGNAL SPACING A	SIGNAL SPACING A	SIGN SPACING B	SIGN SPACING C	SIGN SPACING D	SIGN SPACING D'	TYPE B & BL ARM LENGTH B	ARM LENGTH C	ARM LENGTH D	ARM LENGTH D'	LEFT ARM E: SIGNAL SPACING E	SIGNAL SPACING K	SIGN SPACING E	SIGN SPACING K	LEFT ARM E: SIGNAL SPACING F	SIGNAL SPACING G	SIGNAL SPACING H	SIGNAL SPACING H'	SIGN SPACING F	SIGN SPACING G	SIGN SPACING H	SIGN SPACING H'
1																								

RIGHT ARM K: SIGNAL SPACING L	SIGNAL SPACING M	SIGNAL SPACING N	SIGNAL SPACING N'	SIGN SPACING L	SIGN SPACING M	SIGN SPACING N	SIGN SPACING N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL: R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	(ped)	INDICATIONS * 12" LENS OPTICAL LIMITING: R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	VISORS * PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III
	1	63												1												1																1		
	2	64												1												1																1		
	3	24												1												1																1		
	4	23												1												1																1		
	7	65												1												1																1		
	8	25												1												1																1		

ONE-FACE SECTION 1-	3-	4-	5-	TWO-FACE SECTIONS 11-	33-	34-	35-	44-	45-
T S C B	T S C B	T S C B	T S C B	T S B	T S C B	S B	S B	S B	S B
1									
1									
1									
1									
1									
1									

SUBTOTAL
TOTAL

	ONE-FACE
SUBTOTAL OPTICALLY LIMITED	
SUBTOTAL CONVENTIONAL	6
SUBTOTAL COMBINATION OL & CONV	
TOTAL OPTICALLY LIMITED	
TOTAL CONVENTIONAL	6
TOTAL COMBINATION OL & CONV	

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:
SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"	PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"	REMARKS
10	12	16'			18'										
SUBTOTALS					18'										
TOTALS					18'										

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	LUMINAIRE POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	FIBER MULTI-MODE	REMARKS
	12	121'			150'											PUSH BUTTON 64
SUBTOTALS					150'											
TOTALS					160'											

NOTE: CABLE LENGTHS HAVE AN EXTRA 5.0% FOR SNAKING ADDED TO THE TOTALS.

GRAND AVE AND INTERSTATE 70 RAMPS
INTERSECTION

D-37A/B

REV.

EMMA C. WOODS NUMBER PE-2024003794
STATE OF MISSOURI * PROFESSIONAL ENGINEER *
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR | STATE MO
DISTRICT SL | SHEET NO. 136
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
23	WB GRAND AVE	1					
24	WB GRAND AVE	1	1				
26	EB GRAND AVE	1	1				
63	EB GRAND AVE	1					
64	EB GRAND AVE	1					
66	WB GRAND AVE	1					
TOTAL		6	2				

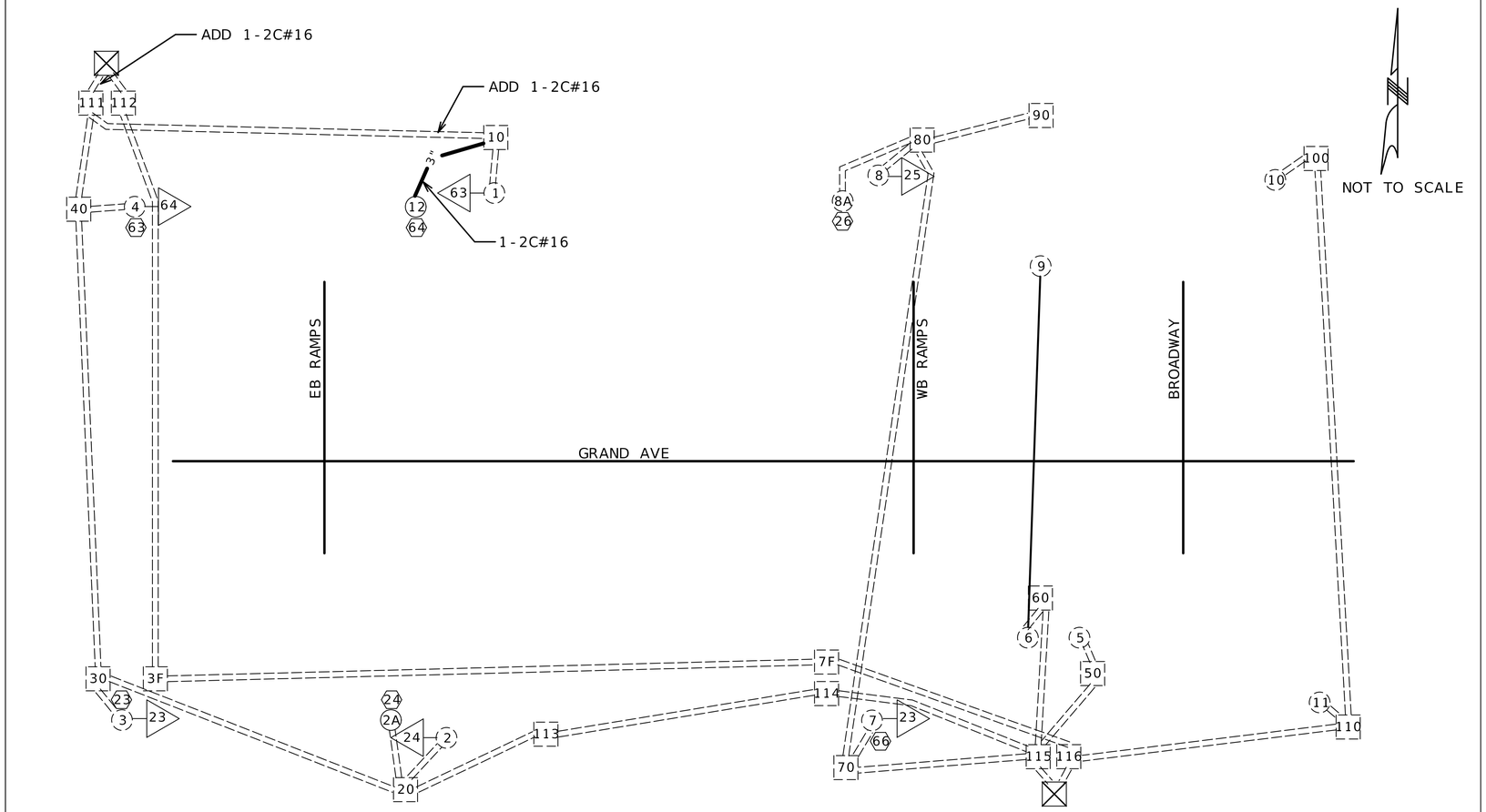
NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3ER	9 X 15	0.9	3.6	4
2	R10-3EL	9 X 15	0.9	1.8	2
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	5.2	6
			TOTAL	6	6

WIRING DIAGRAM



LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

GRAND AVE AND INTERSTATE 70 RAMPS
INTERSECTION

D-37C/D

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026
ROUTE VAR
STATE MO
DISTRICT SL
SHEET NO. 137
COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE
REV.

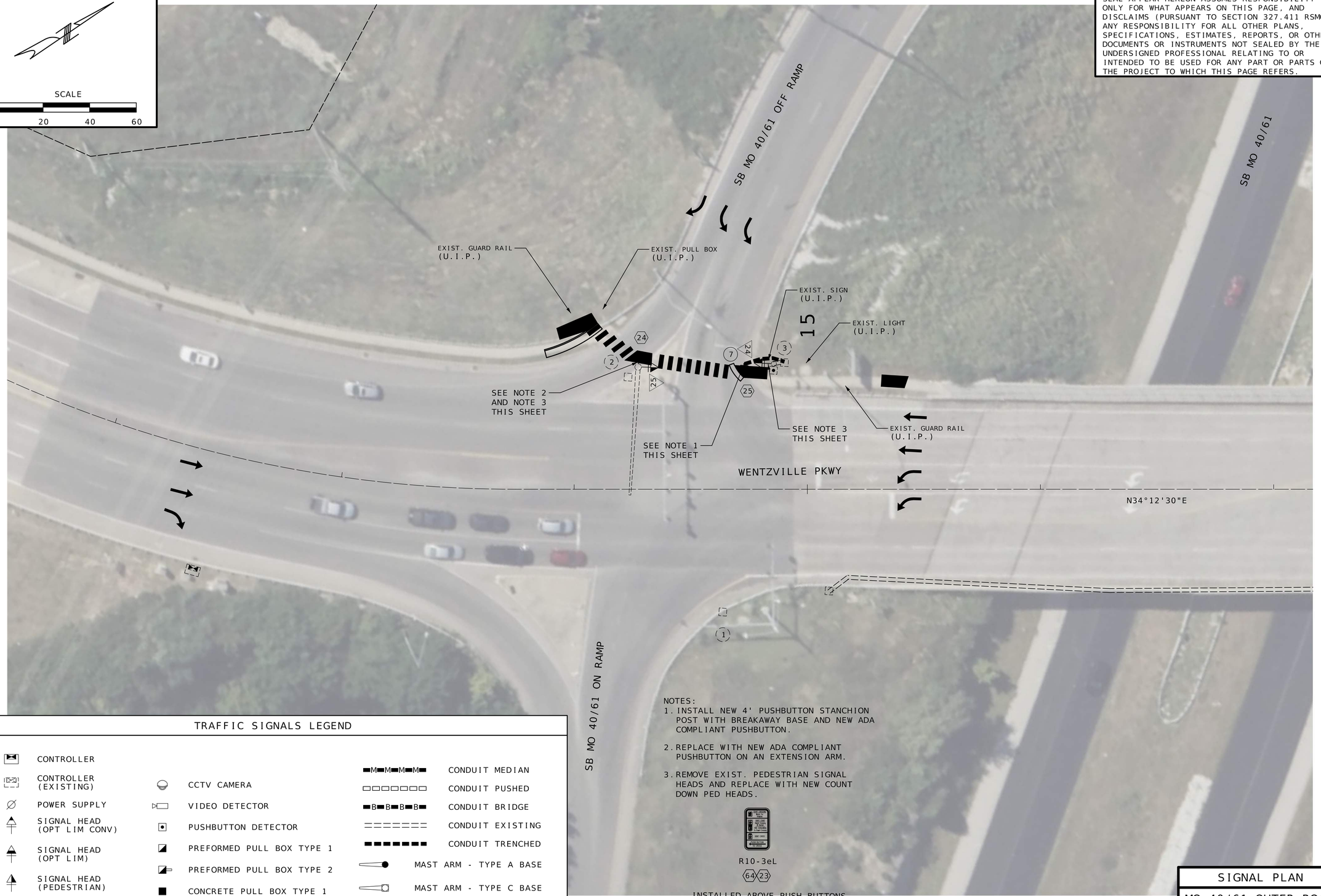
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SCALE

0 20 40 60



NOTES:

1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND NEW ADA COMPLIANT PUSHBUTTON.
2. REPLACE WITH NEW ADA COMPLIANT PUSHBUTTON ON AN EXTENSION ARM.
3. REMOVE EXIST. PEDESTRIAN SIGNAL HEADS AND REPLACE WITH NEW COUNT DOWN PED HEADS.

R10-3eL

64 23

INSTALLED ABOVE PUSH BUTTONS (INCLUDED IN THE COST OF THE ADA COMPLIANT PUSHBUTTON.)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	138

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

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

DATE	DESCRIPTION	REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

MO 40/61 OUTER ROAD AND WENTZVILLE PKWY

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-04_SG_J6P3510E_I20.dgn 11:04:50 AM 8/4/2026

EFFECTIVE: 07-01-2018

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	STATION	OFFSET	BASE A 9	9.5	10	10.5	11	12	F 9	9.5	10	10.5	11	STANCHION BASE	C	CONCRETE** (CU. YDS.)
			CONTROLLER	(AS REQ'D)														
7		WENTZVILLE PKWY	14+72	53' LT												1		(1)
																	SUBTOTAL	(1)
																	TOTAL	(1)

POST NUMBER	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	II A	B	C	POST STANCHION POST	TOP MOUNT POST 8 FT.	15 FT.
7												1		
SUBTOTAL								▨	▨	▨	▨	1		
TOTAL								▨	▨	▨	▨	1		

POST NUMBER	TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'
7												
SUBTOTAL					▨	▨	▨	▨	▨	▨	▨	▨
TOTAL					▨	▨	▨	▨	▨	▨	▨	▨

POST NUMBER	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
7																													
SUBTOTAL							▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨
TOTAL							▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5
	2	25												1												1																
	3	24												1												1																
		SUBTOTAL																																								
		TOTAL																																								

POST NUMBER	FACE NUMBER	BRACKET* TYPE I	II	III	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B	TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- S	B	35- S	B	44- S	B	45- S	B
2	25	1				1																													
3	24	1				1																													
SUBTOTAL OPTICALLY LIMITED																																			
SUBTOTAL CONVENTIONAL						2																													
SUBTOTAL COMBINATION OL & CONV																																			
TOTAL OPTICALLY LIMITED																																			
TOTAL CONVENTIONAL						2																													
TOTAL COMBINATION OL & CONV																																			

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE.CONTRACTOR SHALL ADJUST AS NECESSARY.

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	3"	4"		PUSHED 2"	3"	4"	MEDIAN 2"	3"	4"	ON STRUCTURE 2"	3"		REMARKS
3	⑦	18'			20'												
SUBTOTALS					20'												
TOTALS					20'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	MULTI-MODE	REMARKS
⊠	⑦	405'			440'											PUSH BUTTON 24
SUBTOTALS					440'											
TOTALS					470'											

NOTE: CABLE LENGTHS HAVE AN EXTRA 5.0% FOR SNAKING ADDED TO THE TOTALS.

WENTZVILLE PKWY AND SB 40/61 RAMPS

INTERSECTION

D-37A/B

EMMA C. WOODS
NUMBER
PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	
8/4/2026	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 139
COUNTY VARIOUS	
JOB NO. J6P3510E	
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500 T. 636 537 5585
Chesterfield, Missouri 63017 F. 636 537 0275
Missouri State Engineering Corporation #001523

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

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-05_SG_J6P3510E_I1.dgn 11:04:56 AM 8/4/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
24	WB WENTZVILLE PKWY	1	1				
25	WB WENTZVILLE PKWY	1					
	TOTAL	2	1				

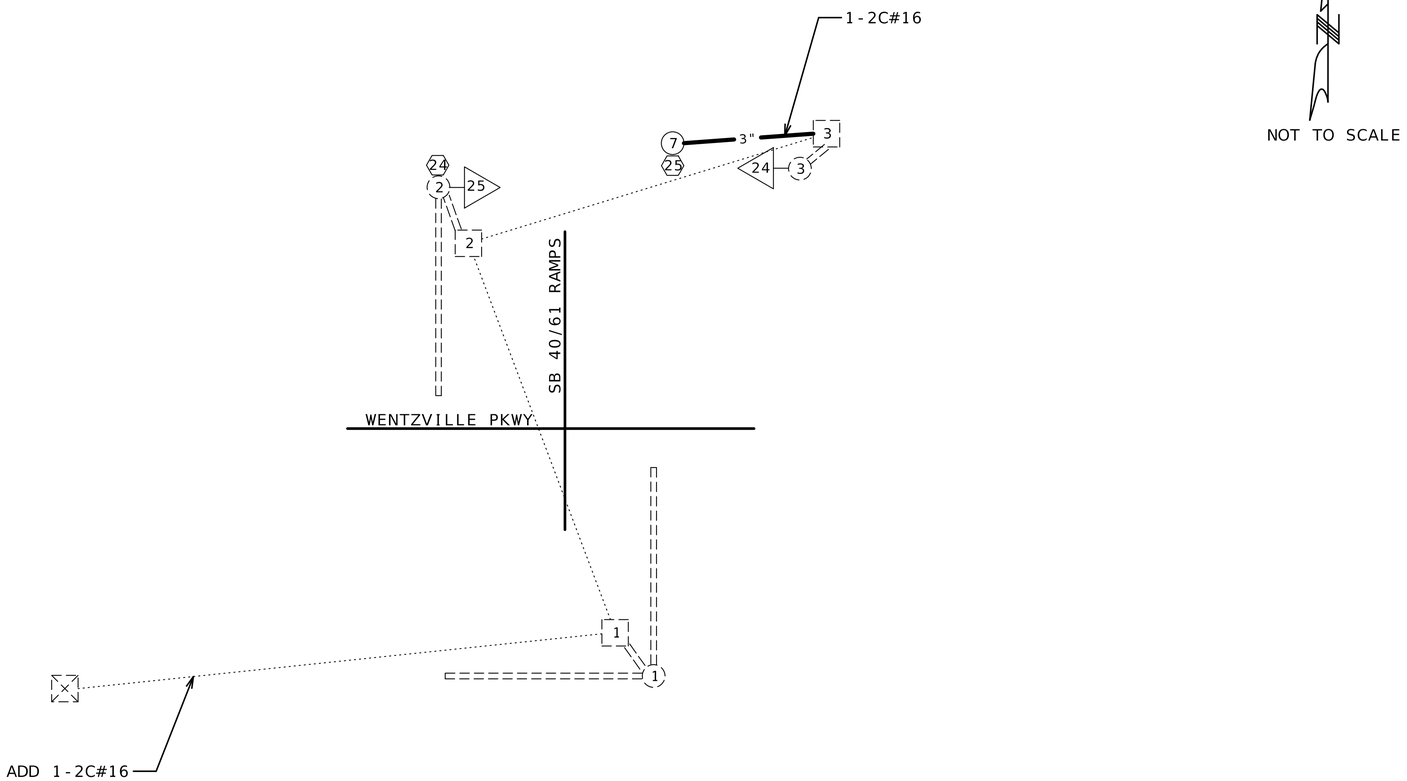
NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
	R10-3ER	9 X 15	0.9		
2	R10-3EL	9 X 15	0.9	1.8	2
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	1.8	2
			TOTAL	2	2

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

WENTZVILLE PKWY AND SB 40/61 RAMPS
INTERSECTION

D-37C/D

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SL	140

COUNTY: VARIOUS
JOB NO.: J6P3510E
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

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

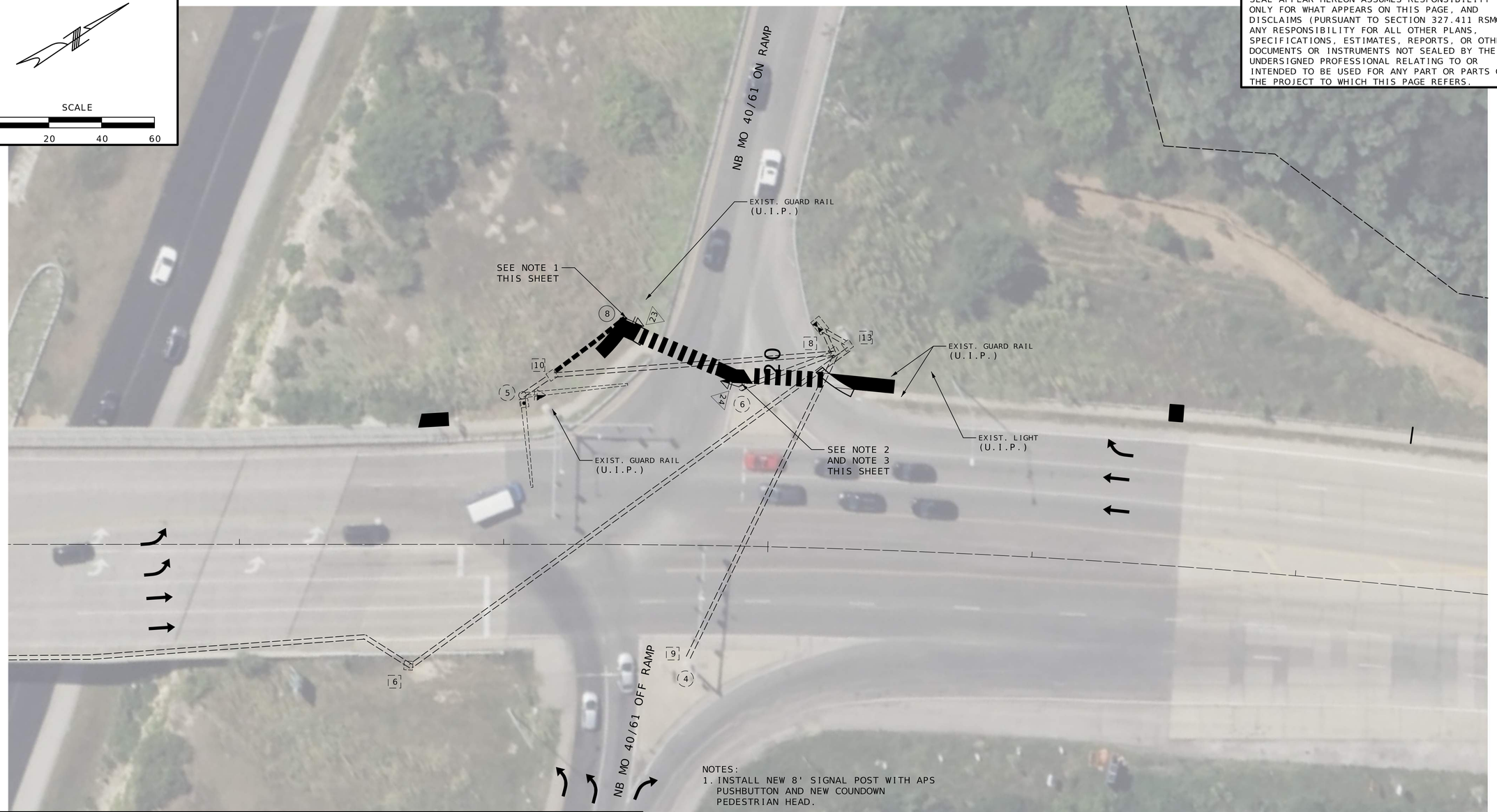
EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-06_SG_J6P3510E_I1.dgn 11:04:57 AM 8/4/2026

SCALE

0 20 40 60



NOTES:

1. INSTALL NEW 8' SIGNAL POST WITH APS PUSHBUTTON AND NEW COUNDOWN PEDESTRIAN HEAD.
2. REPLACE WITH NEW ADA COMPLIANT PUSHBUTTON ON AN EXTENSION ARM.
3. REMOVE EXIST. PEDESTRIAN SIGNAL HEADS AND REPLACE WITH NEW COUNT DOWN PED HEADS.



R10-3eR

23 24

INSTALLED ABOVE PUSH BUTTONS (INCLUDED IN THE COST OF THE ADA COMPLIANT PUSHBUTTON.)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSHBUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

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

STATE OF MISSOURI
EMMA C. WOODS
NUMBER PE-2024003794
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED: 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	141

COUNTY: VARIOUS

JOB NO.: J6P3510E

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
T. 636 537 5585
F. 636 537 0275
Missouri State Engineering Corporation #001523

SIGNAL PLAN

MO 40/61 OUTER ROAD AND HIGHWAY A

REV.

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-07_SG_J6P3510E_120.dgn 11:05:02 AM 8/4/2026

EFFECTIVE: 07-01-2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX										
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*			
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11				CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II A	II B	II C
			CONTROLLER	(AS REQ'D)																									
8		HIGHWAY A	19+47	85' LT													1	0.44											
				SUBTOTAL														0.44											
				TOTAL														0.44											

POST NUMBER	POST																																											
	STANCHION POST	TOP MOUNT POST		TYPE C & CL												TYPE B & BL																								LUMINAIRE BRACKET ARM*				
				ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE					
																						SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING									
		8 FT.	15 FT.	A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'		4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
8		1																																										
SUBTOTAL		1																																										
TOTAL		1																																										

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS *																					VISORS *		LOUVERS *						BACKPLATE*					RETROREFLECTIVE BACKPLATE*					BRACKET*		
				12" LENS CONVENTIONAL											12" LENS OPTICAL LIMITING										12" LENS	PED.							LENSES					LENSES					TYPE		
				R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	R	Y	YL	YRt	YL	YRt	G	S	L	Rt			A	B	C	D	E	F	1	2	3	4	5	1	2	3	4	5	I	II	III
	6	24												1												1																	1		
	8	23												1												1																	1		
SUBTOTAL																																													
TOTAL																																													

POST NUMBER	FACE NUMBER	ONE-FACE SECTION																TWO-FACE SECTIONS														
		1-				3-				4-				5-				11-			33-				34-		35-		44-		45-	
		T	S	C	B	T	S	C	B	T	S	C	B	T	S	C	B	T	S	B	T	S	C	B	S	B	S	B	S	B	S	B
6	24		1																													
8	23		1																													
SUBTOTAL OPTICALLY LIMITED																																
SUBTOTAL CONVENTIONAL			2																													
SUBTOTAL COMBINATION OL & CONV																																
TOTAL OPTICALLY LIMITED																																
TOTAL CONVENTIONAL			2																													
TOTAL COMBINATION OL & CONV																																

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE.CONTRACTOR SHALL ADJUST AS NECESSARY.

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
10	⑧	36'			38'												
SUBTOTALS					38'												
TOTALS					38'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
⊠	⑧	154'			183'											PUSH BUTTON 24
⊠	⑧	154'				184'										PEDESTRIAN HEAD 23
SUBTOTALS					183'	184'										
TOTALS					200'	200'										

NOTE: CABLE LENGTHS HAVE AN EXTRA 5.0% FOR SNAKING ADDED TO THE TOTALS.

HIGHWAY A AND NB 40/61 RAMPS

INTERSECTION

D-37A/B

EMMA C. WOODS
NUMBER
PE-2024003794

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED	
8/4/2026	
ROUTE VAR	STATE MO
DISTRICT SL	SHEET NO. 142
COUNTY VARIOUS	
JOB NO. J6P3510E	
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)

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

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

REV.

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
23	WB HIGHWAY A	1	1				
24	WB HIGHWAY A	1					
TOTAL		2	1				

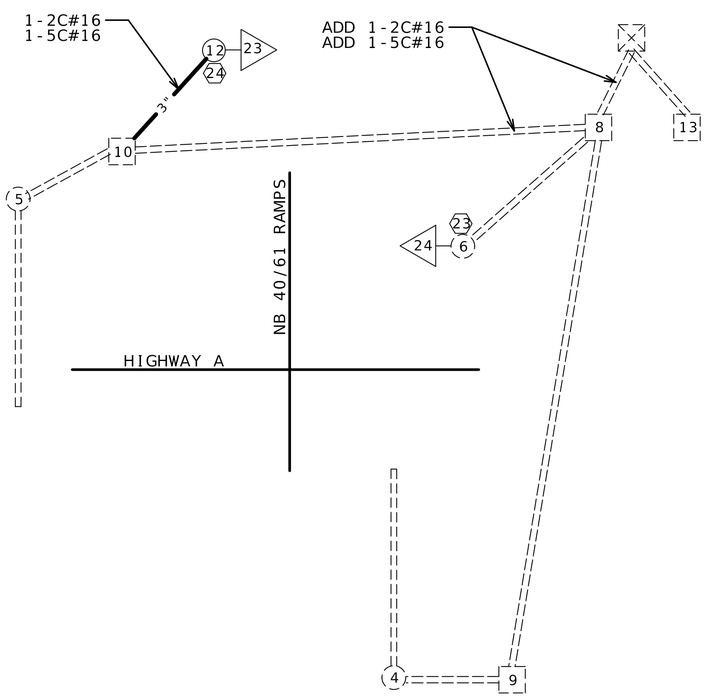
NOTE:
PAYMENT FOR R10-3E AND SIGNAL SIGN MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3ER	9 X 15	0.9	1.8	2
	R10-3EL	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	1.8	2
			TOTAL	2	2

WIRING DIAGRAM



NOT TO SCALE

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

HIGHWAY A AND NB 40/61 RAMPS
INTERSECTION

D-37C/D

EMMA C. WOODS
NUMBER PE-2024003794
STATE OF MISSOURI
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY

DATE PREPARED 8/4/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	143

COUNTY VARIOUS
JOB NO. J6P3510E
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

DESCRIPTION | DATE | REV.

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

EDSI
ENGINEERING DESIGN SOURCE, INC.
16305 Swingley Ridge Rd., Suite 500
Chesterfield, Missouri 63017
Missouri State Engineering Corporation #001523
T. 636 537 5585
F. 636 537 0275

N:\E23038 MoDOT J6M3510 Districtwide ADA\05_Roadway\drawings\Output\J6P3510E\103-09_SG_J6P3510E_I1.dgn 11:05:09 AM 8/4/2026

SCALE

0 10 20 30

NOTES:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.



R10-3eL

62



R10-3eR

63

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

I-70 SOR (NATURAL BRIDGE)

20

SEE NOTE 1 THIS SHEET

SEE NOTE 1 THIS SHEET

EXIST. SIGNAL CONTROLLER (UIP)

EXIST. R/W

EDMUNDSON RD

EXIST. R/W

EXIST. R/W

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT PUSHED	
POWER SUPPLY	PUSH BUTTON DETECTOR	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	CONDUIT EXISTING	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE A BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	MAST ARM - TYPE C BASE	
	VIDEO DETECTION ZONE	MAST ARM - TYPE F BASE	
		6'X30' LOOP DETECTOR	

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:52:43 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	144

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

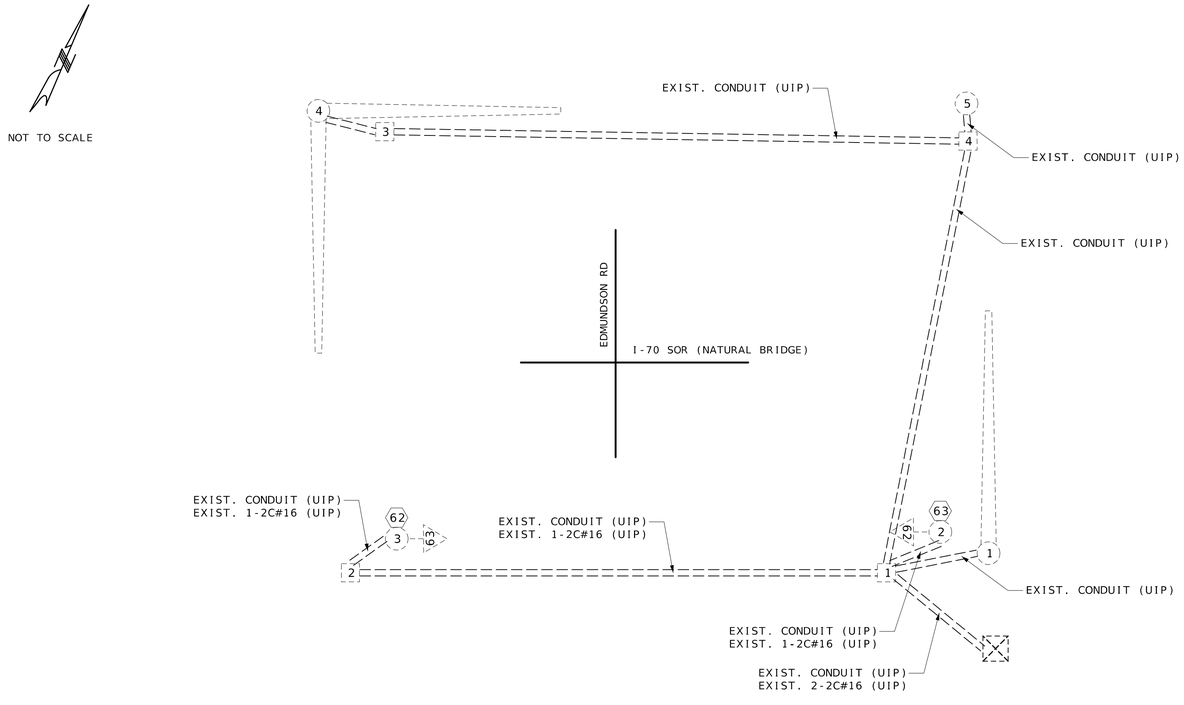
I-70 SOR NATURAL BRIDGE AND EDMUNDSON RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_SG_J6P3510_01_i10.dgn 8:48:27 AM 7/29/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
62	EB I-70 SOR	1	.	.	.	.
63	WB I-70 SOR	1				
TOTAL		2				

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3EL	9 X 15	0.9	(0.9)	(1)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(1.8)	(2)
			TOTAL	(2.0)	(2)

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

I-70 SOR NATURAL BRIDGE / EDMUNDSON RD
INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	145

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_SG_J6P3510_02-03_i1.dgn 8:46:27 AM 7/29/2026

SCALE

0 20 40 60

NOTES:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. NEW PEDESTRIAN SIGNAL POST SHALL BE TYPE C BASE WITH 8' POST, COUNTDOWN PED HEAD & APS PUSHBUTTONS.

R10-3eL R10-3eR

EXIST. R/W

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

BROWN RD

MO 115 (NATURAL BRIDGE EB)

EXIST. R/W

T.C.E.

SEE NOTE 1 THIS SHEET

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. SIGNAL CONTROLLER(UIP)

EXIST. POWER SUPPLY(UIP)

30

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

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

STATE OF MISSOURI JOHN R. KEEVEN NUMBER PE-2010000836 PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	146

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 115 NATURAL BRIDGE AND BROWN RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_SG_J6P3510_04_i20.dgn 8:48:32 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX										
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*			
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11				CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II		
																											A	B	C
			CONTROLLER	(AS REQ'D)																									
5		EB MO 115	33+63	29.5' RT													1	0.44											
SUBTOTAL																		0.44											
TOTAL																		0.5											

POST NUMBER	STANCHION POST	TOP MOUNT POST		TYPE C & CL												TYPE B & BL																						INCLUDED ANGLE	LUMINAIRE BRACKET ARM*					
		8 FT.	15 FT.	ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K									4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
				A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
																						F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'							
5		1																																										
SUBTOTAL		1																																										
TOTAL		1																																										

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS *																					VISORS *		LOUVERS *						BACKPLATE*					RETROREFLECTIVE BACKPLATE*					BRACKET*			ONE-FACE																TWO-FACE														
				12" LENS CONVENTIONAL											12" LENS OPTICAL LIMITING										12" LENS	PED.							LENSES					LENSES					TYPE			SECTION																SECTIONS														
																																														1-				3-				4-				5-				11-			33-				34-		35-		44-		45-	
				R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	R	Y	YL	YRt	YL	YRt	G	S	L	Rt			A	B	C	D	E	F	1	2	3	4	5	1	2	3	4	5	I	II	III	T	S	C	B	T	S	C	B	T	S	C	B	T	S	C	B	T	S	B	T	S	C	B	S	B	S	B	S	B	S	B
	5	64												1																													1				1																													
.																																																																												
.																																																																												
.																																																																												
.																																																																												
.																																																																												
.																																																																												
.																																																																												
.																																																																												
.																																																																												
SUBTOTAL																																																																												
TOTAL																																																																												
SUBTOTAL OPTICALLY LIMITED																																																																												
SUBTOTAL CONVENTIONAL																																															1																														
SUBTOTAL COMBINATION OL & CONV																																																																												
TOTAL OPTICALLY LIMITED																																																																												
TOTAL CONVENTIONAL																																															1																														
TOTAL COMBINATION OL & CONV																																																																												

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
2	⑤	28'			29'												
SUBTOTALS					29'												
TOTALS					29'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL	POLE & BRACKET	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
										2c #12	1c #10					
☒	⑤	135'			164'											PUSHBUTTON 65
☒	⑤	135'				165'										PEDESTRIAN HEAD 64
					8'	8'										5% FOR SNAKING
SUBTOTALS					172'	173'										
TOTALS					180'	180'										

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 115 NATURAL BRIDGE AND BROWN RD

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven
08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE
VARIES

STATE
MO

DISTRICT
STL

SHEET NO.
147

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
24	WB MO 115	1				
44	SB BROWN	1				
46	SB BROWN	1				
65	WB MO 115	1				
86	NB BROWN	1				
87	SB BROWN	1				
TOTAL		6				

NOTE:

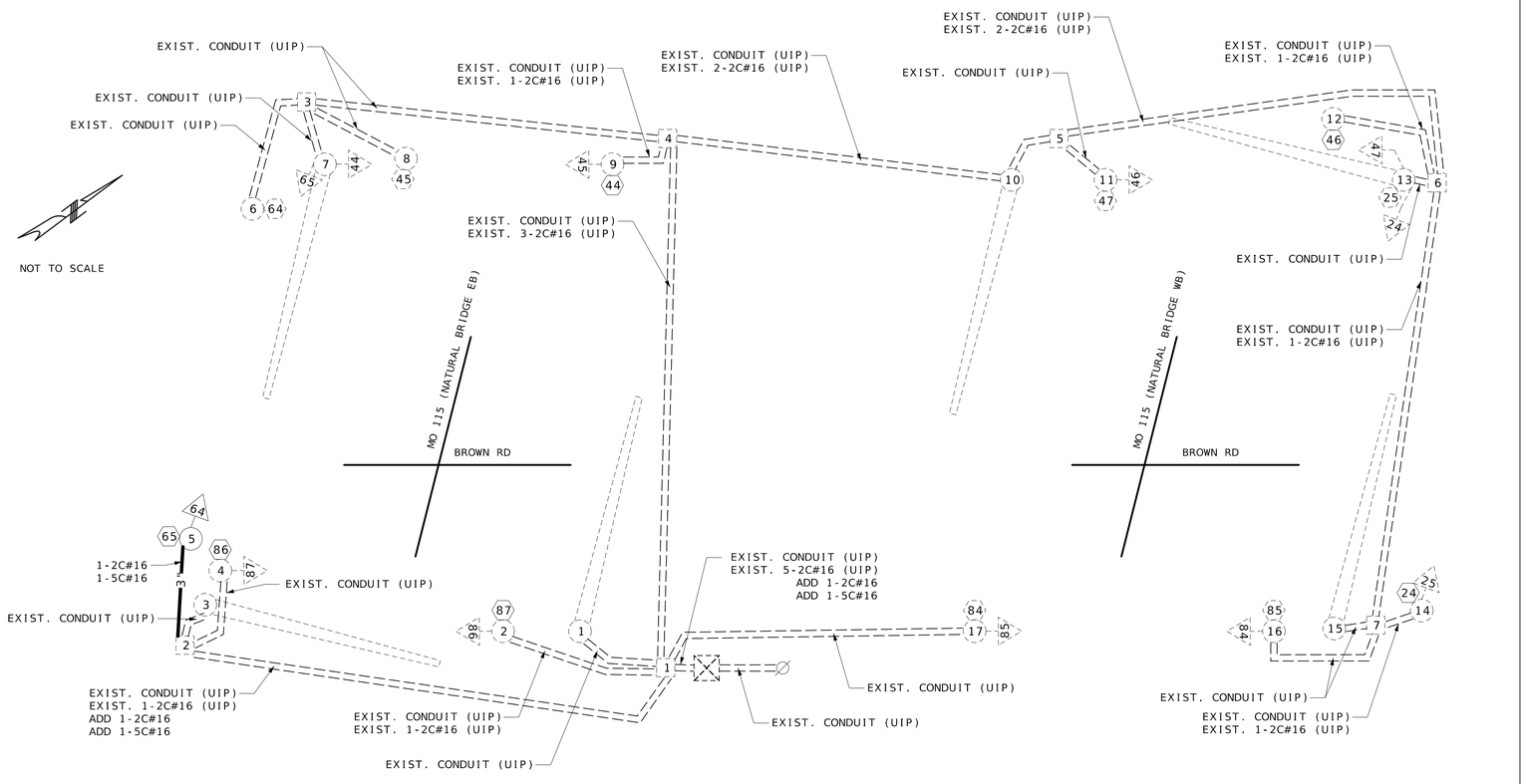
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
5	R10-3EL	9 X 15	0.9	(4.5)	(5)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 115 NATURAL BRIDGE AND BROWN RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	148

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

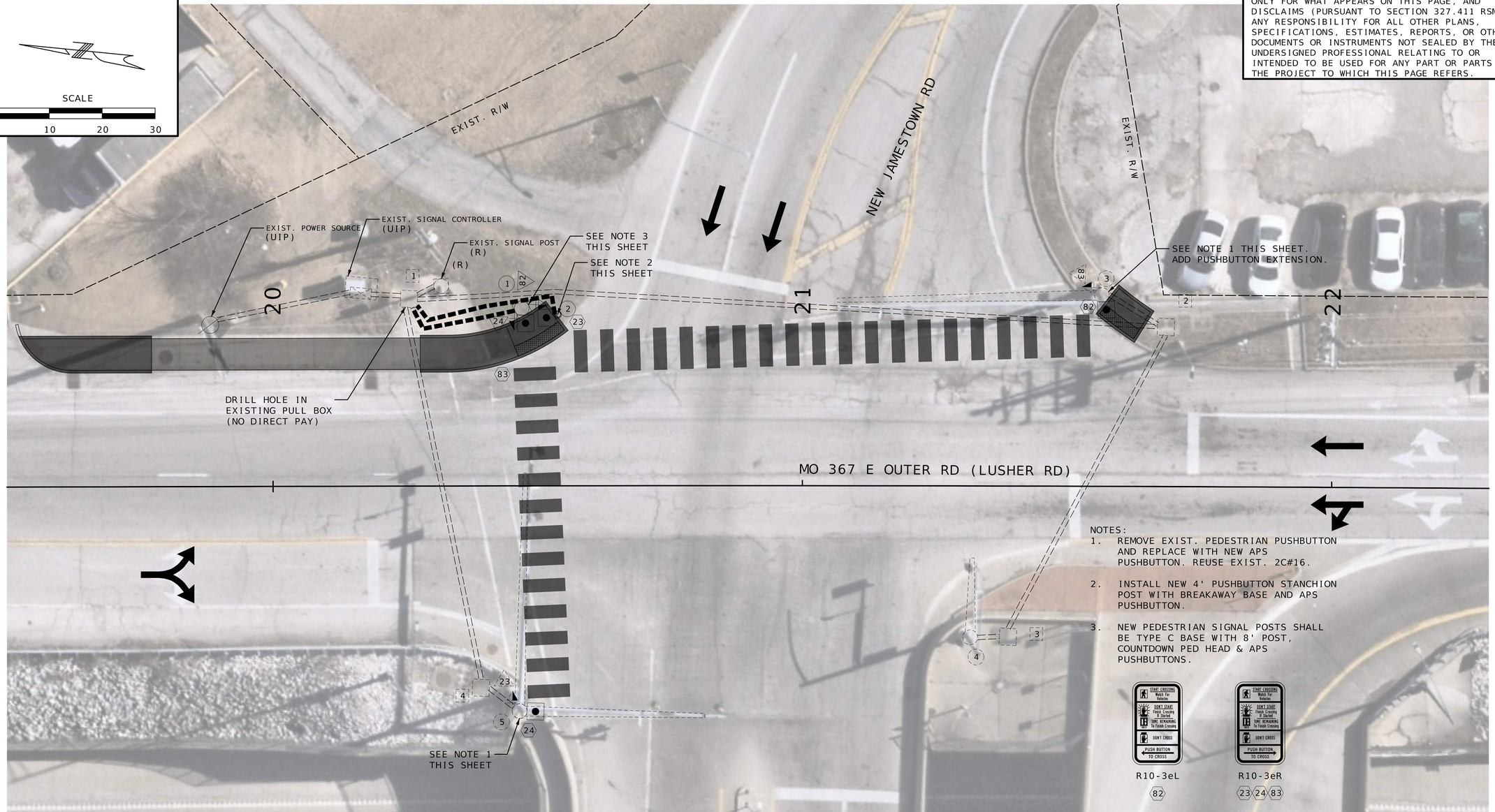
CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 6-7\06-07_SG_J6P3510_05-06_i1.dgn 8:46:30 AM 7/29/2026

SCALE

0 10 20 30



NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON.
3. NEW PEDESTRIAN SIGNAL POSTS SHALL BE TYPE C BASE WITH 8' POST, COUNTDOWN PED HEAD & APS PUSHBUTTONS.

R10-3eL

82

R10-3eR

23 24 83

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	149

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 E OUTER ROAD AND NEW JAMESTOWN RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_01_i10.dgn 9:32:17 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX											POST		
		APPROACH	STATION	OFFSET	A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED CLASS 1	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C	STANCHION POST	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.
			CONTROLLER	(AS REQ'D)																												
1		MO 367 EOR	20+48	33.6' LT													1	0.44													1	
2		MO 367 EOR	20+54	32.1' LT												1		(1)												1		
SUBTOTAL																		0.44												1	1	
TOTAL																		0.5												1	1	

POST NUMBER	TYPE C & CL												TYPE B & BL																							LUMINAIRE BRACKET ARM*					
	ARM LENGTH A	ARM LENGTH A	ARM LENGTH A	ARM LENGTH A	SIGNAL SPACING B	SIGNAL SPACING C	SIGNAL SPACING D	SIGNAL SPACING D'	SIGN SPACING B	SIGN SPACING C	SIGN SPACING D	SIGN SPACING D'	ARM LENGTH E	ARM LENGTH K	ARM LENGTH E	ARM LENGTH K	ARM LENGTH E	ARM LENGTH K	LEFT ARM E SIGNAL SPACING F	G	H	H'	LEFT ARM E SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	RIGHT ARM K SIGN SPACING L	M	N	N'	INCLUDED ANGLE	4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1																																									
2																																									
SUBTOTAL																																									
TOTAL																																									

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	VISORS * PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III
	1	24												1																													1		
·	1	82												1																													1		
SUBTOTAL																																													
TOTAL																																													

SPAN NUMBER	POST NUMBER	FACE NUMBER	ONE-FACE SECTION 1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B	4- T	4- S	4- C	4- B	5- T	5- S	5- C	5- B	TWO-FACE SECTIONS 11- T	11- S	11- B	33- T	33- S	33- C	33- B	34- S	34- B	35- S	35- B	44- S	44- B	45- S	45- B
	1	24		1																													
·	1	82		1																													
SUBTOTAL OPTICALLY LIMITED																																	
SUBTOTAL CONVENTIONAL				2																													
SUBTOTAL COMBINATION OL & CONV																																	
TOTAL OPTICALLY LIMITED																																	
TOTAL CONVENTIONAL				2																													
TOTAL COMBINATION OL & CONV																																	

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"	TRENCH	PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"	ON STRUCTURE	REMARKS
1	①	25'			26'												
1	②	32'			33'												
SUBTOTALS					59'												
TOTALS					59'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER	POWER	CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	CONTROL 3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	LUMINAIRE POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	FIBER MULTI-MODE	REMARKS
⊠	①	35'				69'										PEDESTRIAN HEAD 82, 24
⊠	①	35'			58'											PUSHBUTTON 83
⊠	②	43'			66'											PUSHBUTTON 23
					6'	3'										5% FOR SNAKING
SUBTOTALS					130'	72'										
TOTALS					130'	80'										

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 E OUTER RD AND NEW JAMESTOWN RD

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven
08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026	
ROUTE VARIES	STATE MO
DISTRICT STL	SHEET NO. 150
COUNTY VARIES	
JOB NO. J6P3510E	
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
23	WB JAMESTOWN	1					
24	EB JAMESTOWN	1					
82	NB MO 367 EOR	1	1				
83	SB MO 367 EOR	1					
TOTAL		4	1				

WIRING DIAGRAM

NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3EL	9 X 15	0.9	(0.9)	(1)
3	R10-3ER	9 X 15	0.9	(2.7)	(3)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(3.6)	(4)
			TOTAL	(4.0)	(4)

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 E OUTER RD AND NEW JAMESTOWN RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE: VARIES
STATE: MO
DISTRICT: STL
SHEET NO.: 151
COUNTY: VARIES
JOB NO.: J6P3510E
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_02-03_i1.dgn 9:14:35 AM 7/29/2026

SCALE

0 10 20 30

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

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

61 62 82



R10-3eR

83

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

MO 367 W OUTER RD (BENHAM RD)

SEE NOTE 1 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. SIGNAL CONTROLLER

(UIP)

SEE NOTE 2 THIS SHEET

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET

JAMESTOWN WAY DR

EXIST. R/W

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	152

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 W OUTER ROAD AND JAMESTOWN WAY DR

EFFECTIVE: 07/01/2018

LOCATION					BASE													
POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11			
			CONTROLLER	(AS REQ'D)														
2		MO 367 WOR	13+20	41.6' RT												1		(1)
3		MO 367 WOR	13+16	37.1' RT												1		(1)
7		MO 367 WOR	13+74	48.5' RT												1		(1)
																	SUBTOTAL	(1)
																	TOTAL	(1)

	PULL BOX										
	PREFORMED				CONCRETE			DRAIN TYPE*			
POST NUMBER	CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II A	II B	II C
2											
3											
7											
SUBTOTAL								▨	▨	▨	▨
TOTAL								▨	▨	▨	▨

	POST															
		TOP MOUNT POST		TYPE C & CL												
				ARM LENGTH				SIGNAL SPACING				SIGN SPACING				
POST NUMBER	STANCHION POST	8 FT.	15 FT.	A	A	A	A	B	C	D	D'	B	C	D	D'	
2	1															
3	1															
7	1															
SUBTOTAL	3							▨	▨	▨	▨	▨	▨	▨	▨	
TOTAL	3							▨	▨	▨	▨	▨	▨	▨	▨	

	POST																																		
	TYPE B & BL																														LUMINAIRE BRACKET ARM*					
	ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE												
							SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING																
POST NUMBER	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'		4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.						
2																																			
3																																			
7																																			
SUBTOTAL							▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨						
TOTAL							▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨	▨						

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)																	
FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
1	②	15'			16'												
1	③	9'			10'												
4	⑦	23'			24'												
SUBTOTALS					50'												
TOTALS					50'												

CABLE																	
FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
☒	②	40'			63'											PUSHBUTTON 82
☒	③	23'			46'											PUSHBUTTON 62
☒	⑦	134'			163'											PUSHBUTTON 83
					14'											5% FOR SNAKING
SUBTOTALS					286'											
TOTALS					290'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 W OUTER RD AND JAMESTOWN WAY DR

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

08/03/2026 9:53:02 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026	
ROUTE VARIES	STATE MO
DISTRICT STL	SHEET NO. 153
COUNTY VARIES	
JOB NO. J6P3510E	
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)

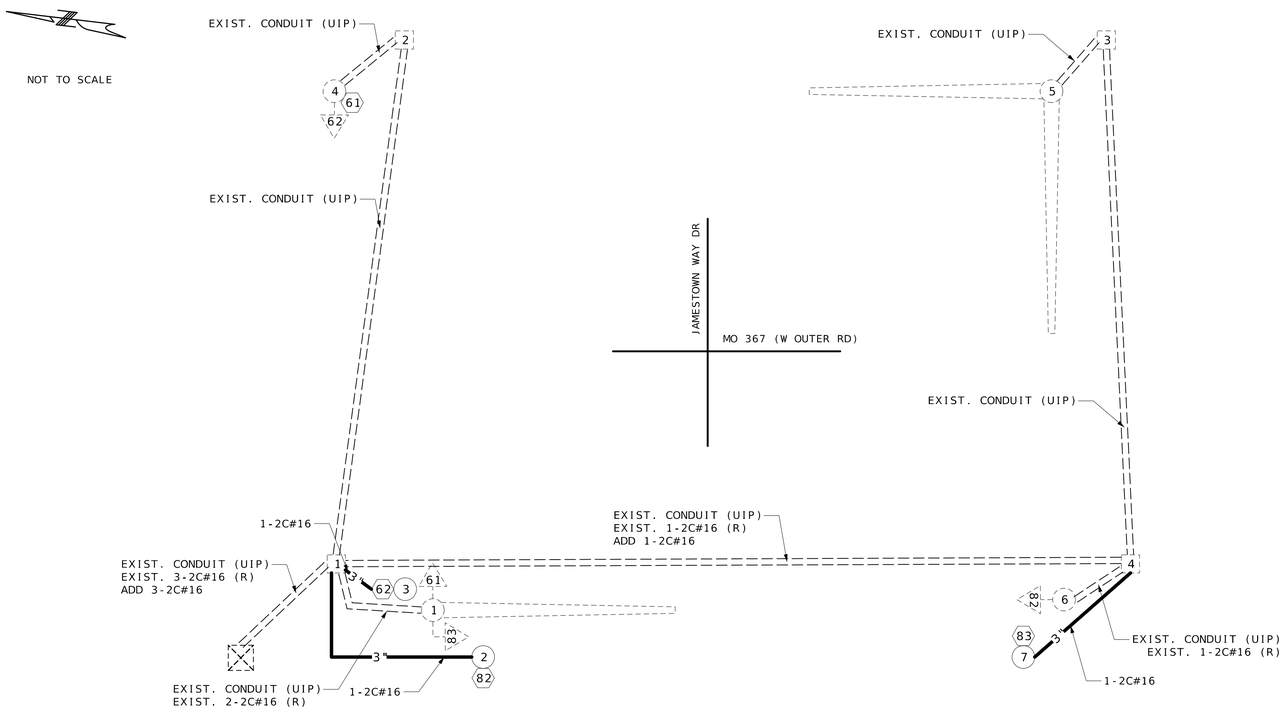
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
61	WB JAMESTOWN	1				
62	EB JAMESTOWN	1				
82	SB MO 367 WOR	1				
83	NB MO 367 WOR	1				
TOTAL		4				

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
3	R10-3EL	9 X 15	0.9	(2.7)	(3)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(3.6)	(4)
			TOTAL	(4.0)	(4)

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 W OUTER RD AND JAMESTOWN WAY DR

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	154

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_05-06_i1.dgn 9:14:38 AM 7/29/2026

SCALE

0 10 20 30

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.
3. INSTALL NEW 8' SIGNAL POST WITH APS PUSHBUTTON AND PEDESTRIAN COUNTDOWN HEAD.
4. REMOVE EXIST. PED HEAD AND REPLACE WITH COUNTDOWN PED HEAD. REUSE EXIST. 5C#16.

MO 367 E OUTER RD (LUSHER RD)

PARKER RD

72

73

P.H.E.

EXIST. R/W

EXIST. POWER SOURCE (UIP)

EXIST. SIGNAL CONTROLLER (UIP)

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET

SEE NOTE 2 THIS SHEET

SEE NOTE 3 THIS SHEET

SEE NOTE 4 THIS SHEET

EXIST. SIGNAL POLE (R)

R10-3eL

22 23 62 83 84

R10-3eR

63

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

SIGNAL SHEET

MO 367 E OUTER ROAD AND PARKER RD

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	155

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_07_I10.dgn 9:32:26 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	STATION	OFFSET	BASE A 9	9.5	10	10.5	11	12	F 9	9.5	10	10.5	11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE* I	II A	B	C	POST STANCHION POST	TOP MOUNT POST 8 FT.	15 FT.
			CONTROLLER	(AS REQ'D)																												
2		MO 367 EOR	72+91	40.5' LT												1		(1)												1		
3		MO 367 EOR	72+94	20.9' RT													1	0.44													1	
4		MO 367 EOR	72+82	29.6' RT												1		(1)												1		
SUBTOTAL																		0.44												2	1	
TOTAL																		0.5												2	1	

POST NUMBER	POST TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
2																																									
3																																									
4																																									
SUBTOTAL																																									
TOTAL																																									

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS * 12" LENS CONVENTIONAL R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	12" LENS OPTICAL LIMITING R	Y	YL	YRt	YL	YRt	G	S	L	Rt	VISORS * 12" LENS	PED.	LOUVERS * A	B	C	D	E	F	BACKPLATE* LENSES 1	2	3	4	5	RETROREFLECTIVE BACKPLATE* LENSES 1	2	3	4	5	BRACKET* TYPE I	II	III
	1	62												1																													1		
	3	63												1																													1		
	6	83												1																													1		
	3	84												1																													1		
SUBTOTAL																																													
TOTAL																																													

POST NUMBER	FACE NUMBER	ONE-FACE SECTION 1- T	S	C	B	3- T	S	C	B	4- T	S	C	B	5- T	S	C	B	TWO-FACE SECTIONS 11- T	S	B	33- T	S	C	B	34- S	B	35- S	B	44- S	B	45- S	B
1	62		1																													
3	63		1																													
6	83		1																													
3	84		1																													
SUBTOTAL OPTICALLY LIMITED																																
SUBTOTAL CONVENTIONAL			4																													
SUBTOTAL COMBINATION OL & CONV																																
TOTAL OPTICALLY LIMITED																																
TOTAL CONVENTIONAL			4																													
TOTAL COMBINATION OL & CONV																																

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	3"	4"		PUSHED 2"	3"	4"	MEDIAN 2"	3"	4"	ON STRUCTURE 2"	3"		REMARKS
1	②	13'			14'												
2	③	22'			23'												
2	④	29'			30'												
SUBTOTALS					67'												
TOTALS					67'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	MULTI-MODE	REMARKS
☒	②	39'			62'											PUSHBUTTON 63
☒	③	132'			161'											PUSHBUTTON 62
☒	③	132'				162'										PEDESTRIAN HEAD 63
☒	③	132'				162'										PEDESTRIAN HEAD 84
☒	④	141'			170'											PUSHBUTTON 83
					20'	16'										5% FOR SNAKING
SUBTOTALS					413'	340'										
TOTALS					420'	350'										

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 E OUTER RD AND PARKER RD

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven
08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026
ROUTE
VARIES
STATE
MO
DISTRICT
STL
SHEET NO.
156
COUNTY
VARIES
JOB NO.
J6P3510E
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
22	WB PARKER	1				
23	EB PARKER	1				
62	EB PARKER	1				
63	WB PARKER	1				
83	NB MO 367 EOR	1				
84	SB MO 367 EOR	1				
TOTAL		6				

NOTE:

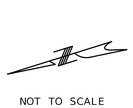
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

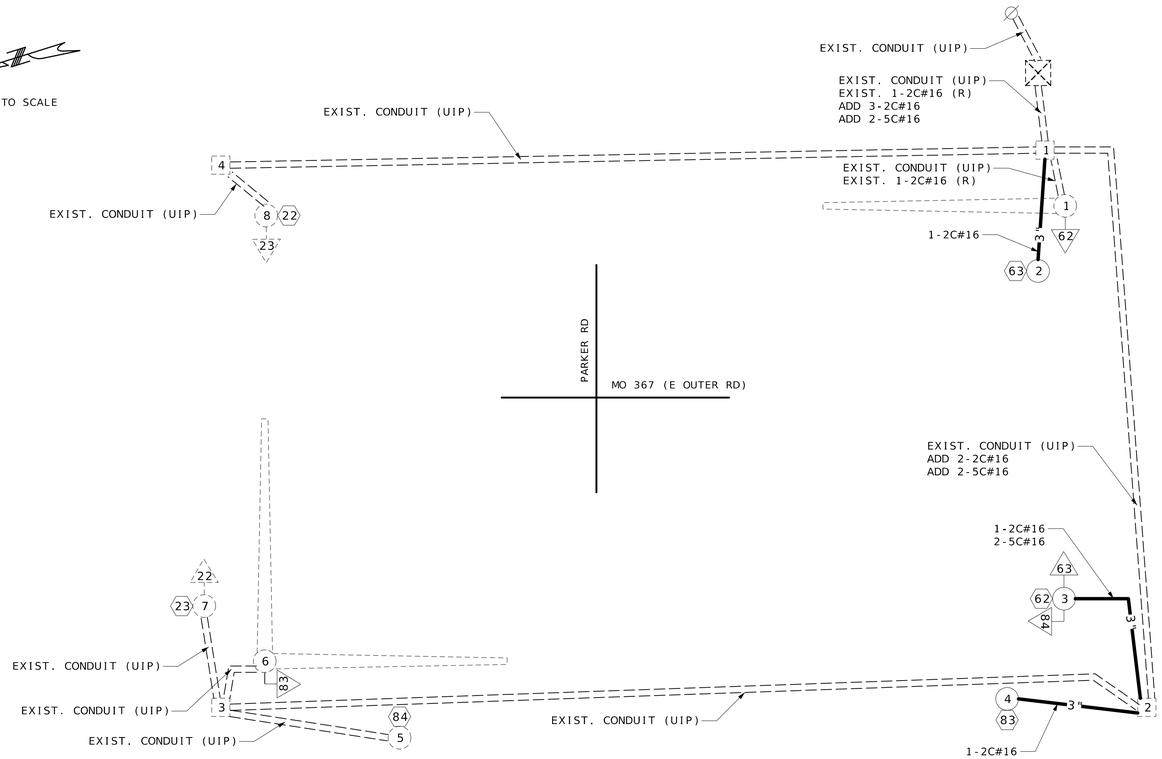
SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
5	R10-3EL	9 X 15	0.9	(4.5)	(5)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

WIRING DIAGRAM



NOT TO SCALE



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 E OUTER RD AND PARKER RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	157

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

SCALE

0 10 20 30

NOTES:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.
3. NEW PEDESTRIAN SIGNAL POSTS SHALL BE TYPE C BASE WITH 8' POST, COUNTDOWN PED HEAD & APS PUSHBUTTONS.



R10-3eL

22 83



R10-3eR

23 62 63 84

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

63

64

65

(R)

SEE NOTE 3 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. STANCHION (R)

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 3 THIS SHEET

MO 367 W OUTER RD (BENHAM RD)

EXIST. R/W

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. SIGNAL CONTROLLER (UIP)

EXIST. POWER SOURCE (UIP)

PARKER RD

SEE NOTE 1 THIS SHEET

SEE NOTE 2 THIS SHEET

EXIST. R/W

P.H.E.

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT PUSHED	
POWER SUPPLY	PUSH BUTTON DETECTOR	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	CONDUIT EXISTING	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE A BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	MAST ARM - TYPE C BASE	
	VIDEO DETECTION ZONE	MAST ARM - TYPE F BASE	
		6'X30' LOOP DETECTOR	

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	158

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 W OUTER ROAD AND PARKER RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_10_i10.dgn 9:32:31 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE													
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11			
			CONTROLLER	(AS REQ'D)														
2		MO 367 WOR	64+09	53.0' RT												1		(1)
3		MO 367 WOR	64+00	44.6' RT												1		(1)
5		MO 367 WOR	63+98	33.9' LT													1	0.44
7		MO 367 WOR	64+89	25.6' LT													1	0.44
9		MO 367 WOR	64+95	54.7' RT												1		(1)
																	SUBTOTAL	0.88
																	TOTAL	0.9

POST NUMBER	PULL BOX											POST														
	PREFORMED				CONCRETE			DRAIN TYPE*				STANCHION POST	TOP MOUNT POST		TYPE C & CL											
	CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II				8 FT.	15 FT.	ARM LENGTH				SIGNAL SPACING				SIGN SPACING			
									A	B	C				A	A	A	A	B	C	D	D'	B	C	D	D'
2												1														
3												1														
5													1													
7													1													
9												1														
SUBTOTAL												3	2													
TOTAL												3	2													

POST NUMBER	POST																												
	TYPE B & BL																							INCLUDED ANGLE	LUMINAIRE BRACKET ARM*					
	ARM LENGTH						LEFT ARM E								RIGHT ARM K														
							SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'		4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
2																													
3																													
5																													
7																													
9																													
SUBTOTAL																													
TOTAL																													

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	INDICATIONS *																					VISORS *		LOUVERS *						BACKPLATE*					RETROREFLECTIVE BACKPLATE*					BRACKET*		
				12" LENS CONVENTIONAL											12" LENS OPTICAL LIMITING										12" LENS	PED.							LENSES					LENSES					TYPE		
				R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	R	Y	YL	YRt	YL	YRt	G	S	L	Rt			A	B	C	D	E	F	1	2	3	4	5	1	2	3	4	5	I	II	III
	4	63												1																													1		
	6	22												1																															
	7	23												1																															

POST NUMBER	FACE NUMBER	ONE-FACE																TWO-FACE														
		SECTION																SECTIONS														
		1-				3-				4-				5-				11-			33-				34-		35-		44-		45-	
		T	S	C	B	T	S	C	B	T	S	C	B	T	S	C	B	T	S	B	T	S	C	B	S	B	S	B	S	B	S	B
4	63		1																													
6	22		1																													
7	23		1																													

	LUMINAIRE 150W SODIUM
SUBTOTAL	
TOTAL	

	1- T	1- S	1- C	1- B	3- T	3- S	3- C	3- B	4- T	4- S	4- C	4- B	5- T	5- S	5- C	5- B	11- T	11- S	11- B	33- T	33- S	33- C	33- B	34- S	34- B	35- S	35- B	44- S	44- B	45- S	45- B
SUBTOTAL OPTICALLY LIMITED																															
SUBTOTAL CONVENTIONAL		3																													
SUBTOTAL COMBINATION OL & CONV																															
TOTAL OPTICALLY LIMITED																															
TOTAL CONVENTIONAL		3																													
TOTAL COMBINATION OL & CONV																															

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
1	②	19'			20'												
1	③	17'			18'												
3	④	17'			18'												
4	⑥	9'			10'												
5	⑧	19'			20'												
SUBTOTALS					86'												
TOTALS					86'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
☒	②	22'			45'											PUSHBUTTON 83
☒	③	23'			46'											PUSHBUTTON 63
☒	④	103'			132'											PUSHBUTTON 62
☒	④	103'			133'											PEDESTRIAN HEAD 63
☒	⑥	203'			238'											PUSHBUTTON 23
☒	⑥	203'				239'										PEDESTRIAN HEAD 22
☒	⑧	153'			188'											PUSHBUTTON 84
					32'	19'										5% FOR SNAKING
SUBTOTALS					681'	391'										
TOTALS					690'	400'										

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 W OUTER RD AND PARKER RD

INTERSECTION

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven
08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026	
ROUTE VARIES	STATE MO
DISTRICT STL	SHEET NO. 159
COUNTY VARIES	
JOB NO. J6P3510E	
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

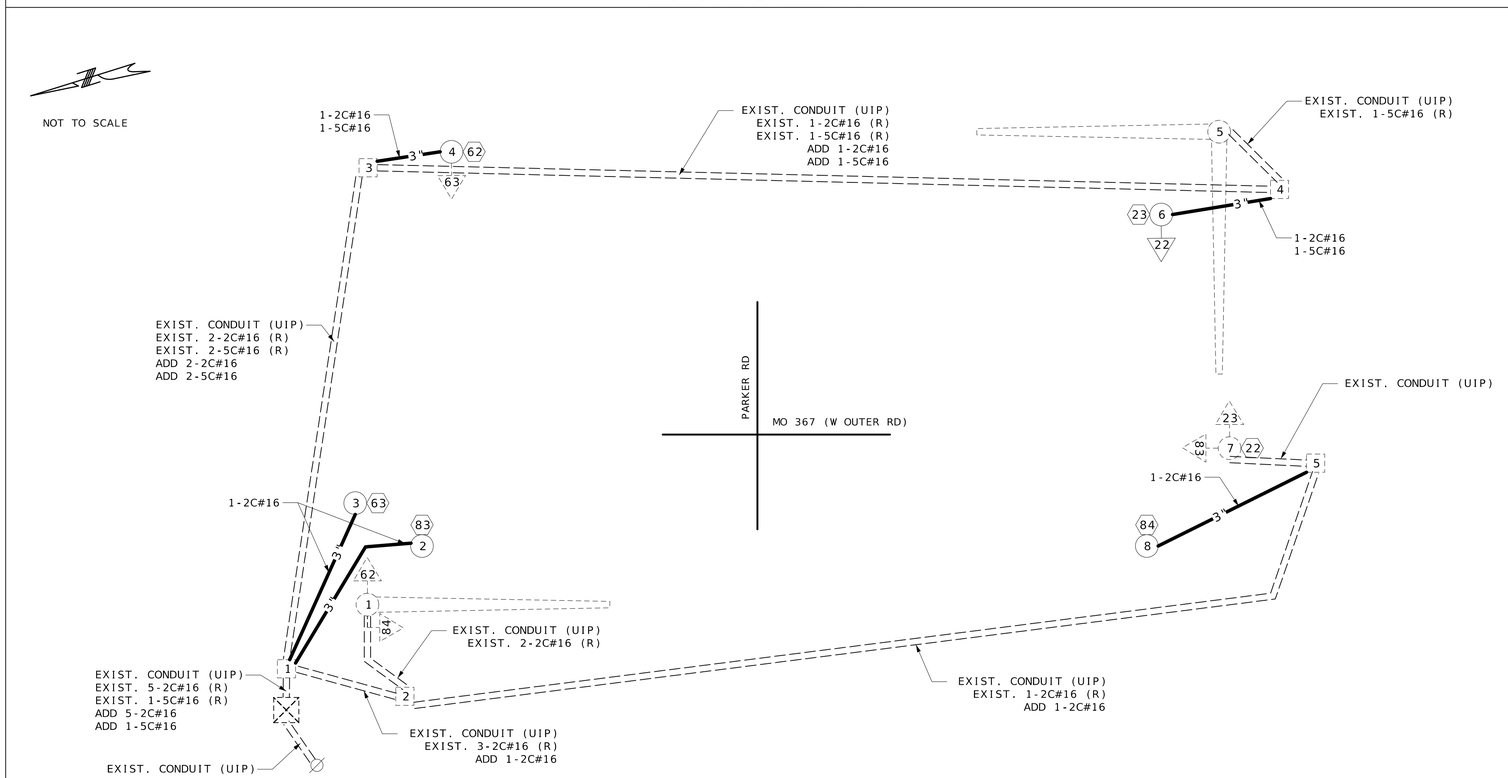
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

D-37A/B

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
22	EB PARKER	1				
23	WB PARKER	1				
62	WB PARKER	1				
63	EB PARKER	1				
83	SB MO 367 WOR	1				
84	NB MO 367 WOR	1				
TOTAL		6				

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3EL	9 X 15	0.9	(1.8)	(2)
4	R10-3ER	9 X 15	0.9	(3.6)	(4)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 W OUTER RD AND PARKER RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	160

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_11-12_i1.dgn 9:14:44 AM 7/29/2026

SCALE

0 10 20 30

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

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.

REDMAN AVE

EXIST. POWER SOURCE (UIP)

EXIST. SIGNAL CONTROLLER (UIP)

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

EXIST. R/W

R10-3eL 22 62 83

R10-3eR 23 63 84

111

112

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET

SEE NOTE 2 THIS SHEET

SEE NOTE 2 THIS SHEET

MO 367 E OUTER RD (LUSHER RD)

SEE NOTE 1 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	161

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 E OUTER ROAD AND REDMAN AVE

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_13_i10.dgn 9:32:36 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX										
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*			
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11				CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II		
																											A	B	C
			CONTROLLER	(AS REQ'D)																									
2		MO 367 EOR	111+51	35.2' LT												1		(1)											
3		MO 367 EOR	111+41	40.7' LT												1		(1)											
5		MO 367 EOR	112+09	31.9' RT												1		(1)											
9		MO 367 EOR	110+56	18.7' LT												1		(1)											
10		MO 367 EOR	110+62	34.5' LT												1		(1)											
																		SUBTOTAL	(1)										
																		TOTAL	(1)										

POST NUMBER	POST																																											
	STANCHION POST	TOP MOUNT POST		TYPE C & CL												TYPE B & BL																							LUMINAIRE BRACKET ARM*					
		8 FT.	15 FT.	ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE	4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
																						SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
				A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'							
2	1																																											
3	1																																											
5	1																																											
9	1																																											
10	1																																											
SUBTOTAL	5																																											
TOTAL	5																																											

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
1	②	18'			19'												
1	③	24'			25'												
2	⑤	46'			47'												
4	⑨	18'			19'												
4	⑩	11'			12'												
SUBTOTALS					122'												
TOTALS					122'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL	POLE & BRACKET	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
										2c #12	1c #10					
☒	②	24'			47'											PUSHBUTTON 63
☒	③	29'			52'											PUSHBUTTON 83
☒	⑤	174'			203'											PUSHBUTTON 62
☒	⑨	115'			144'											PUSHBUTTON 22
☒	⑩	113'			142'											PUSHBUTTON 84
					29'											5% FOR SNAKING
SUBTOTALS					617'											
TOTALS					620'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 E OUTER RD AND REDMAN AVE

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE VARIES | STATE MO
DISTRICT STL | SHEET NO. 162
COUNTY VARIES
JOB NO. J6P3510E
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

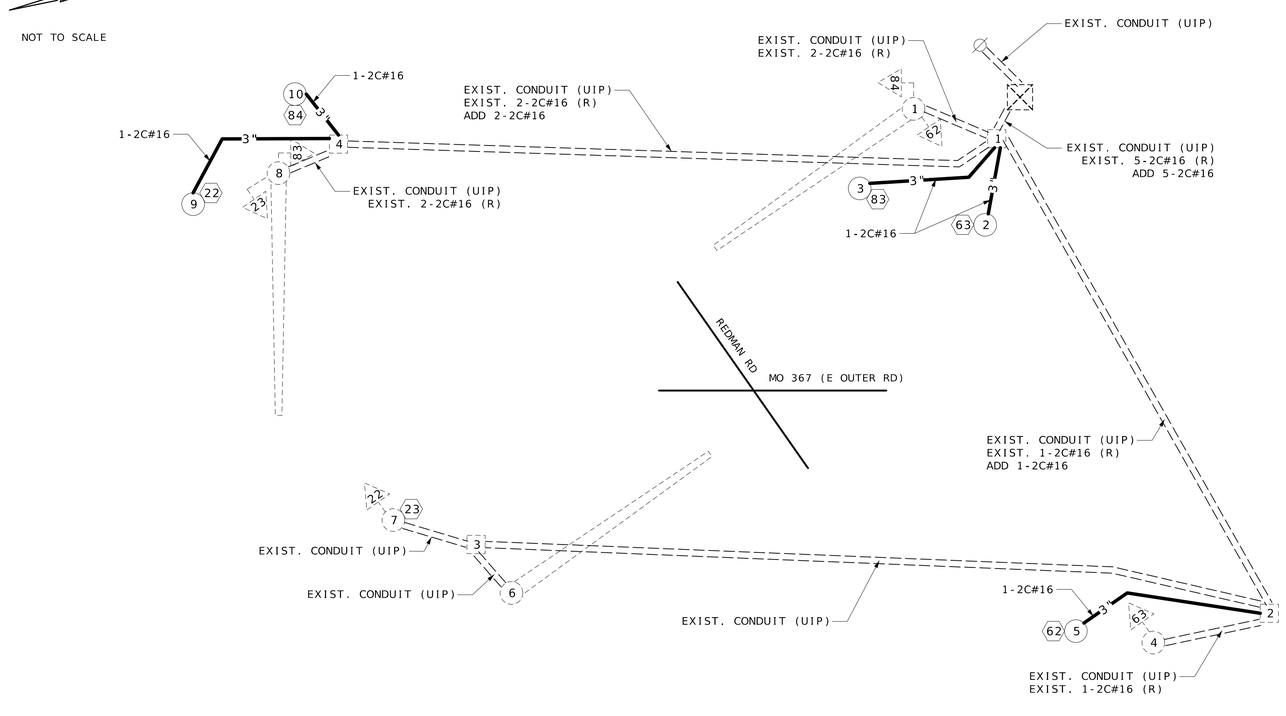
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
22	WB REDMAN	1				
23	EB REDMAN	1				
62	EB REDMAN	1				
63	WB REDMAN	1				
83	NB MO 367 EOR	1				
84	SB MO 367 EOR	1				
	TOTAL	6				

WIRING DIAGRAM

NOT TO SCALE



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
3	R10-3EL	9 X 15	0.9	(2.7)	(3)
3	R10-3ER	9 X 15	0.9	(2.7)	(3)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

MO 367 E OUTER RD AND REDMAN AVE

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	163

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_14-15_i1.dgn 9:14:49 AM 7/29/2026

SCALE

0 10 20 30

NOTES:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

22 62 83 84



R10-3eR

23 63

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

104

105

MO 367 W OUTER RD (BENHAM RD)

REDMAN AVE

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET

DRILL HOLE IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. R/W

EXIST. POWER SOURCE (UIP)

P.H.E.

EXIST. SIGNAL CONTROLLER (UIP)

SEE NOTE 2 THIS SHEET

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	164

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 W OUTER ROAD AND REDMAN AVE

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_16_i10.dgn 9:32:40 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A: 9	A: 9.5	A: 10	A: 10.5	A: 11	A: 12	F: 9	F: 9.5	F: 10	F: 10.5	F: 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED: CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE: STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE*: I	II: A	II: B	II: C
			CONTROLLER	(AS REQ'D)																									
3		MO 367 WOR	104+44	35.0' RT												1		(1)											
4		MO 367 WOR	104+34	30.7' RT												1		(1)											
6		MO 367 WOR	103+79	35.8' LT												1		(1)											
10		MO 367 WOR	105+28	18.6' RT												1		(1)											
11		MO 367 WOR	105+25	26.9' RT												1		(1)											
				SUBTOTAL														(1)											
				TOTAL														(1)											

POST: STANCHION POST	TOP MOUNT POST: 8 FT.	15 FT.	TYPE C & CL: ARM LENGTH: A	A	A	A	SIGNAL SPACING: B	C	D	D'	SIGN SPACING: B	C	D	D'	TYPE B & BL: ARM LENGTH: E	K	E	K	E	K	LEFT ARM E: SIGNAL SPACING: F	G	H	H'	SIGN SPACING: F	G	H	H'	RIGHT ARM K: SIGNAL SPACING: L	M	N	N'	SIGN SPACING: L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM*: 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1																																								
1																																									
1																																									
1																																									
1																																									
5																																									
5																																									

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH: 1"	2"	3"	4"		PUSHED: 2"	3"	4"	MEDIAN: 2"	3"	4"	ON STRUCTURE: 2"	3"		REMARKS
1	3	15'			16'													
1	4	19'			20'													
2	6	23'			24'													
4	10	10'			11'													
4	11	6'			7'													
					16'													5% FOR SNAKING
SUBTOTALS					78'													
TOTALS					78'													

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL: 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT: 3 PAIR #16	LUMINAIRE: CONTROL: 2c #12	POLE & BRACKET: 1c #10	DETECTOR: 1c #14 IN DUCT	2c #14 LEAD-IN CABLE	FIBER: SINGLE-MODE	MULTI-MODE	REMARKS
3	3	20'			43'											PUSHBUTTON 83
4	4	26'			49'											PUSHBUTTON 63
6	6	138'			167'											PUSHBUTTON 62
10	10	102'			131'											PUSHBUTTON 22
11	11	97'			126'											PUSHBUTTON 84
					16'											5% FOR SNAKING
SUBTOTALS					542'											
TOTALS					550'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 W OUTER RD AND REDMAN AVE

INTERSECTION

D-37A/B

STATE OF MISSOURI — JOHN R. KEEVEN — NUMBER PE-2010000836 — PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED: 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	165

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
22	EB REDMAN	1				
23	WB REDMAN	1				
62	WB REDMAN	1				
63	EB REDMAN	1				
83	SB MO 367 WOR	1				
84	NB MO 367 WOR	1				
TOTAL		6				

NOTE:

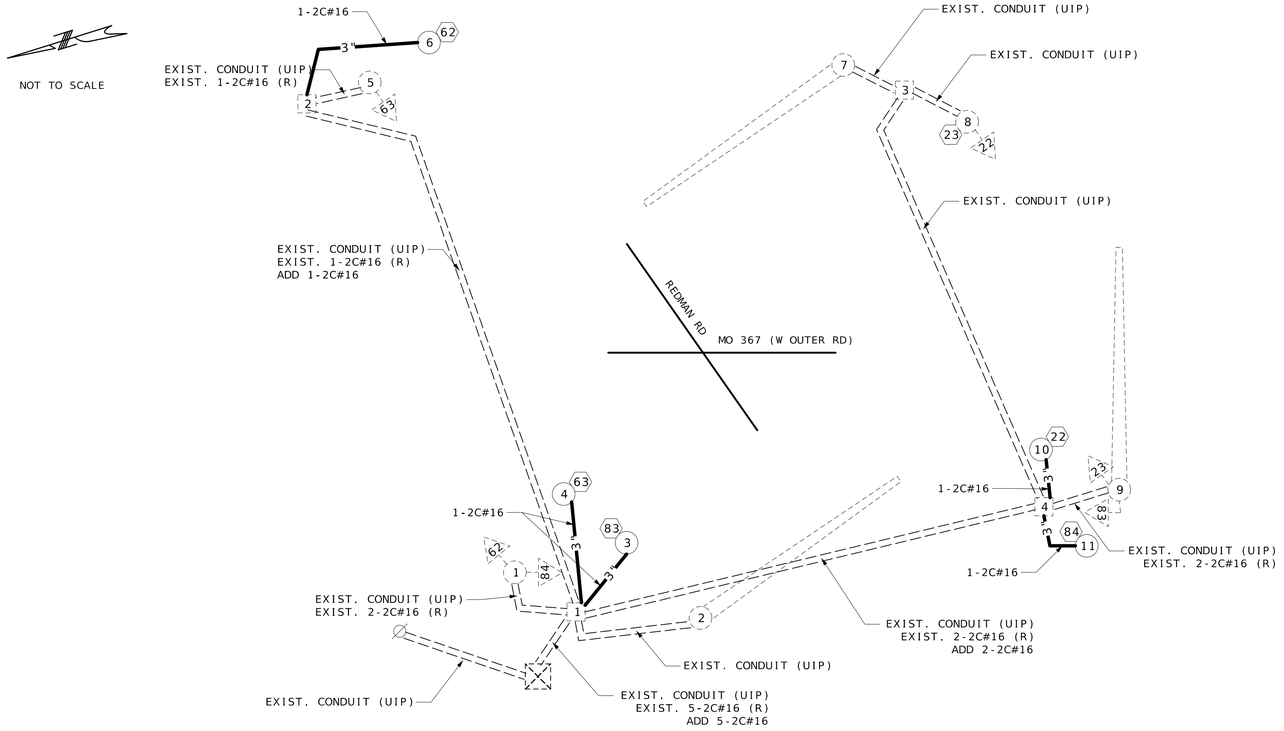
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3ER	9 X 15	0.9	(1.8)	(2)
4	R10-3EL	9 X 15	0.9	(3.6)	(4)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 W OUTER RD AND REDMAN AVE

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:03 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	166

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_17-18_i1.dgn 9:14:52 AM 7/29/2026

SCALE

0 10 20 30

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

EXIST. R/W

EXIST. R/W

EXIST. POWER SOURCE (UIP)

EXIST. SIGNAL CONTROLLER (UIP)

SEE NOTE 1
THIS SHEET

135

136

137

MO 367 E OUTER RD (LUSHER RD)

DUNN RD

SEE NOTE 1 THIS SHEET.
ADD PUSHBUTTON EXTENSION.

NOTES:
1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.



R10-3eL

23



R10-3eR

24

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	167

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 E OUTER ROAD AND DUNN RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_19_I10.dgn 9:32:44 AM 7/29/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND	CALL UNIT	
23	WB DUNN	1					
24	EB DUNN	1	1				
TOTAL		2	1				

NOTE:

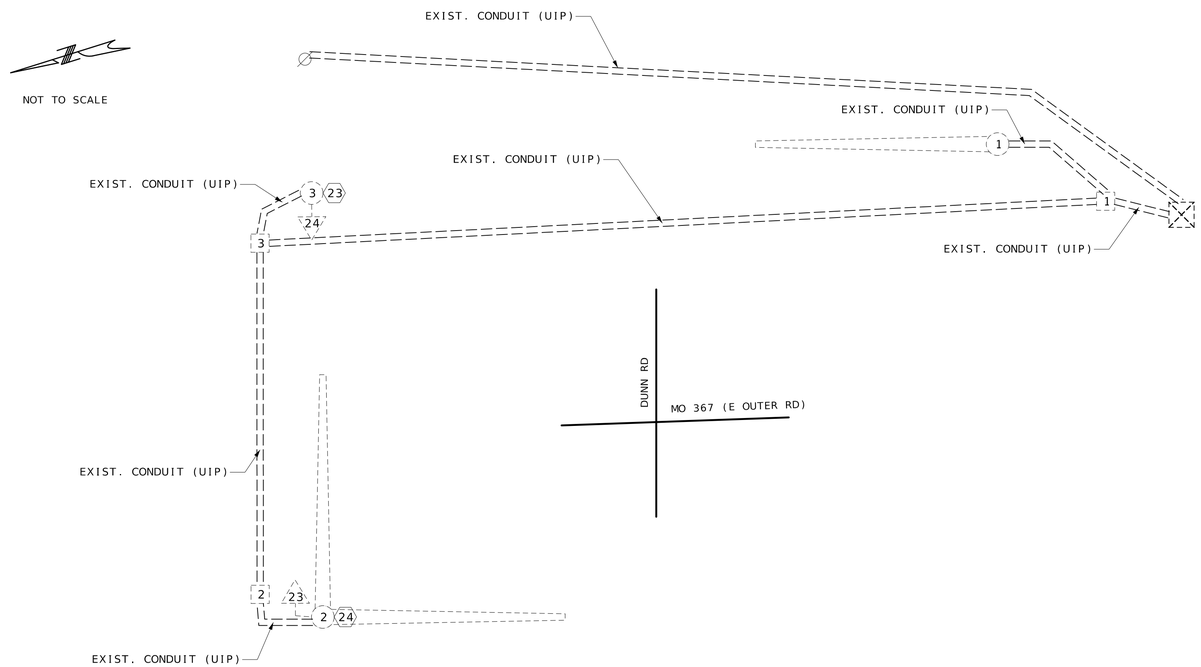
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3EL	9 X 15	0.9	(0.9)	(1)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(1.8)	(2)
			TOTAL	(2.0)	(2)

WIRING DIAGRAM



LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

MO 367 E OUTER RD AND DUNN RD

INTERSECTION

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	168

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

D-37C/D

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_20-21_i1.dgn 9:14:55 AM 7/29/2026

SCALE

0 10 20 30

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

DUNN RD

25

127

128

MO 367 W OUTER RD (BENHAM RD)

(R)

SEE NOTE 1
THIS SHEET

SEE NOTE 2
THIS SHEET

DRILL HOLE IN
EXISTING PULL BOX
(NO DIRECT PAY)

EXIST. SIGNAL CONTROLLER
(UIP)

EXIST. POWER SOURCE
(UIP)

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSHBUTTON AND REPLACE WITH NEW APS PUSHBUTTON. REUSE EXIST. 2C#16.

2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

62 63

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	169

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MO 367 W OUTER ROAD AND DUNN RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_22_i10.dgn 9:32:14 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A: 9	A: 9.5	A: 10	A: 10.5	A: 11	A: 12	F: 9	F: 9.5	F: 10	F: 10.5	F: 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED CONCRETE: CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE*: I	II: A	II: B	II: C
			CONTROLLER	(AS REQ'D)																									
2		MO 367 WOR	127+10	47.9' RT												1		(1)											
SUBTOTAL																		(1)											
TOTAL																		(1)											

POST: STANCHION POST	TOP MOUNT POST: 8 FT.	15 FT.	TYPE C & CL: ARM LENGTH: A	A	A	A	SIGNAL SPACING: B	C	D	D'	SIGN SPACING: B	C	D	D'	TYPE B & BL: ARM LENGTH: E	K	E	K	E	K	LEFT ARM E: SIGNAL SPACING: F	G	H	H'	SIGN SPACING: F	G	H	H'	RIGHT ARM K: SIGNAL SPACING: L	M	N	N'	SIGN SPACING: L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM*: 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1																																								
SUBTOTAL																																									
TOTAL																																									

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH: 2"	3"	4"		PUSHED: 2"	3"	4"	MEDIAN: 2"	3"	4"	ON STRUCTURE: 2"	3"		REMARKS
1	2	23'			24'												
SUBTOTALS					24'												
TOTALS					24'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL: 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT: 3 PAIR #16	LUMINAIRE: CONTROL: 2c #12	POLE & BRACKET: 1c #10	DETECTOR: 1c #14 IN DUCT	2c #14 LEAD-IN CABLE	FIBER: SINGLE-MODE	MULTI-MODE	REMARKS
2	2	34'			57'											PUSHBUTTON 63
					3'											5% FOR SNAKING
SUBTOTALS					60'											
TOTALS					60'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MO 367 W OUTER RD AND DUNN RD

INTERSECTION

D-37A/B

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

JOHN R. KEEVEN NUMBER PE-2010000836 STATE OF MISSOURI PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED: 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	170

COUNTY: VARIES

JOB NO.: J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 11-12\11-12_SG_J6P3510_23-24_i1.dgn 9:14:32 AM 7/29/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND	CALL UNIT	
62	WB REDMAN	1	.	.	.	.
63	EB REDMAN	1				
	TOTAL	2				

NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

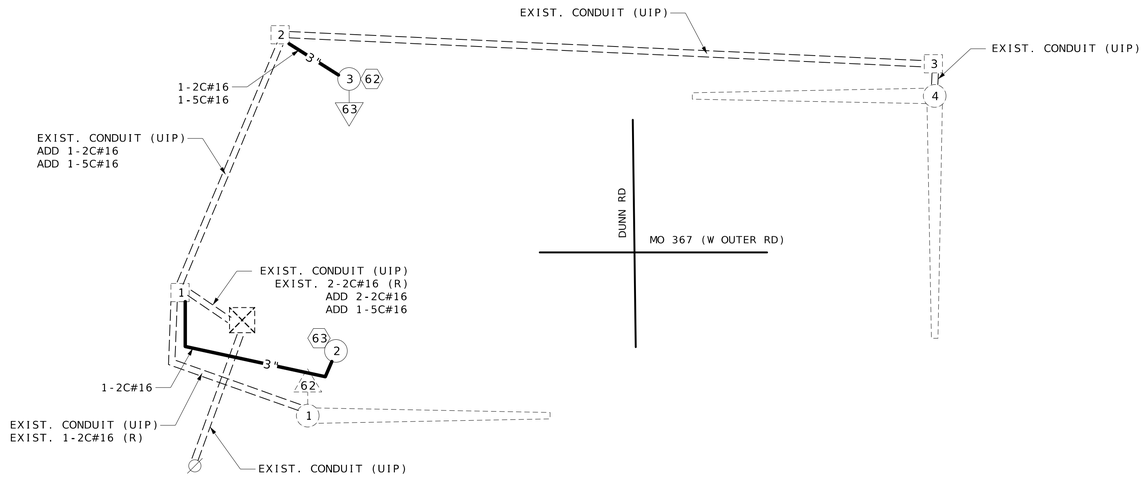
*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3EL	9 X 15	0.9	(1.8)	(2)
	R10-3ER	9 X 15	0.9		
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(1.8)	(2)
			TOTAL	(2.0)	(2)

WIRING DIAGRAM

NOT TO SCALE



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MO 367 W OUTER RD AND DUNN RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	171

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 10 20 30

NOTES:
1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

25 44 64 65 84



R10-3eR

24 41 83

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

EXIST. R/W

22

VETERANS MEMORIAL PKWY

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET.

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET.

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

BELLEAU CREEK RD

TR HUGHES BLVD

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

EXIST. SIGNAL CONTROLLER (UIP)

N015

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	172

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

TR HUGHES BLVD AND VETERANS MEMORIAL PKWY

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_47_1_i10.dgn 10:54:59 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE													
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11			
			CONTROLLER	(AS REQ'D)														
1		TR HUGHES	23+13	44.2' RT												1		(1)
3		TR HUGHES	23+02	50.5' RT												1		(1)
4		TR HUGHES	22+45	65.8' RT												1		(1)
6		TR HUGHES	22+34	52.6' RT												1		(1)
7		TR HUGHES	22+36	36.8' LT												1		(1)
9		TR HUGHES	22+47	47.4' LT												1		(1)
10		TR HUGHES	22+97	46.3' LT												1		(1)
12		TR HUGHES	23+08	36.1' LT												1		(1)
																	SUBTOTAL	(1)
																	TOTAL	(1)

POST NUMBER	PULL BOX											POST														
	PREFORMED				CONCRETE			DRAIN TYPE*				STANCHION POST	TOP MOUNT POST		TYPE C & CL											
	CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II				8 FT.	15 FT.	ARM LENGTH				SIGNAL SPACING				SIGN SPACING			
									A	B	C				A	A	A	A	B	C	D	D'	B	C	D	D'
1												1														
3												1														
4												1														
6												1														
7												1														
9												1														
10												1														
12												1														
SUBTOTAL												8														
TOTAL												8														

POST NUMBER	POST																												
	TYPE B & BL																								LUMINAIRE BRACKET ARM*					
	ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE						
							SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING					4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'							
1																													
3																													
4																													
6																													
7																													
9																													
10																													
12																													
SUBTOTAL																													
TOTAL																													

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE.
CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
2	①	19'			20'												
2	③	10'			11'												
3	④	16'			17'												
3	⑥	25'			26'												
5	⑦	17'			18'												
5	⑨	4'			5'												
6	⑩	4'			5'												
7	⑫	4'			5'												
SUBTOTALS					107'												
TOTALS					107'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
☒	①	56'			85'											PUSHBUTTON 81
☒	③	43'			72'											PUSHBUTTON 63
☒	④	141'			176'											PUSHBUTTON 62
☒	⑥	140'			175'											PUSHBUTTON 42
☒	⑦	213'			260'											PUSHBUTTON 43
☒	⑨	212'			259'											PUSHBUTTON 23
☒	⑩	138'			179'											PUSHBUTTON 22
☒	⑫	127'			162'											PUSHBUTTON 82
					68'											5% FOR SNAKING
SUBTOTALS					1436'											
TOTALS					1440'											

NOTES:

CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

TR HUGHES BLVD AND VETERANS MEMORIAL PKWY

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED	
7/29/2026	
ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	173
COUNTY	
VARIES	
JOB NO.	
J6P3510E	
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT	
22	SB TR HUGHES	1				
23	NB TR HUGHES	1				
42	WB VTRNS MEMORIAL	1				
43	EB VTRNS MEMORIAL	1				
62	NB TR HUGHES	1				
63	SB TR HUGHES	1				
81	EB VTRNS MEMORIAL	1				
82	WB VTRNS MEMORIAL	1				
TOTAL		8				

NOTE:

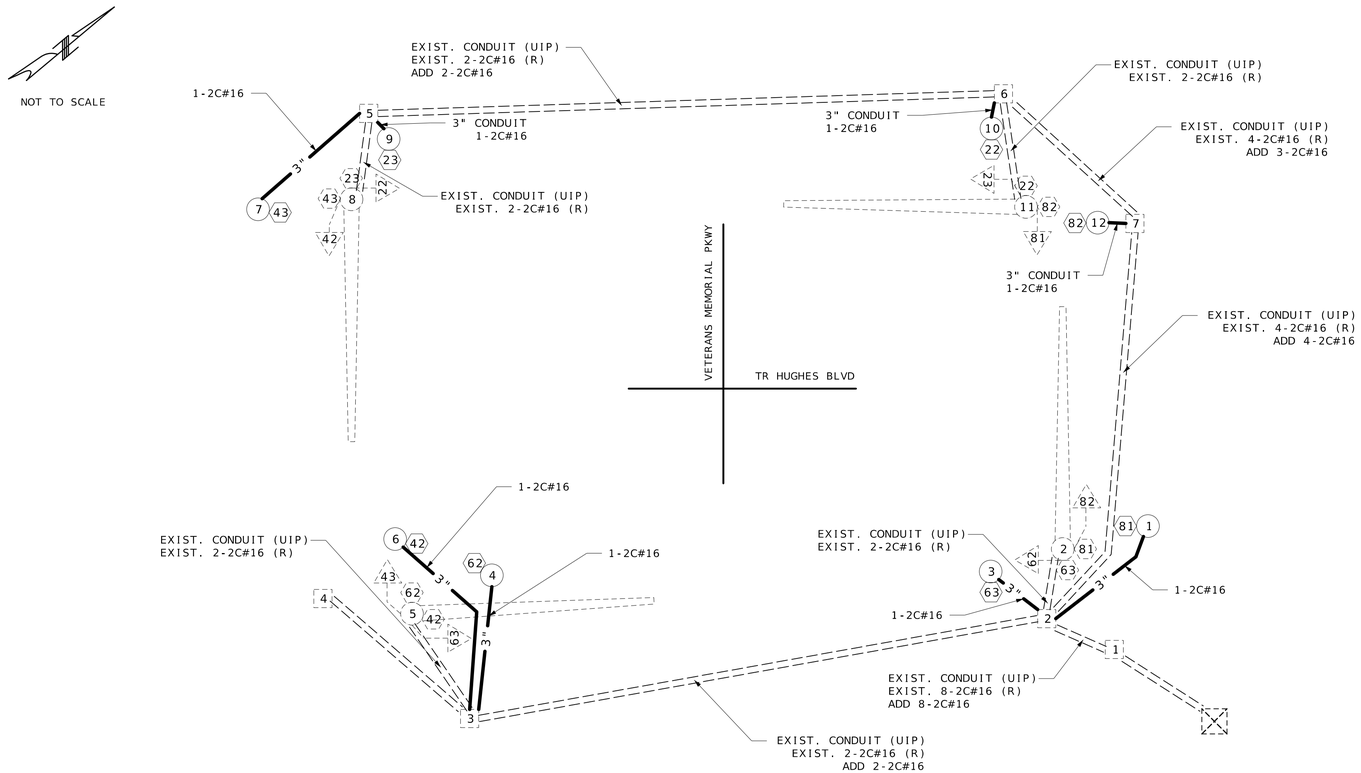
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
5	R10-3EL	9 X 15	0.9	(4.5)	(5)
3	R10-3ER	9 X 15	0.9	(2.7)	(3)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(7.2)	(8)
			TOTAL	(8.0)	(8)

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

TR HUGHES BLVD AND VETERANS MEMORIAL PKWY

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO

DISTRICT	SHEET NO.
STL	174

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_47_2-3_i1.dgn 10:40:51 AM 7/29/2026

SCALE

0 10 20 30

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

E TERRA LN

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

35

NOTES:
1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

26 65 84 83



R10-3eR

43 44 64 25

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TR HUGHES BLVD

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

EXIST. SIGNAL CONTROLLER (UIP)

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN	
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT PUSHED	
POWER SUPPLY	PUSH BUTTON DETECTOR	CONDUIT BRIDGE	
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	CONDUIT EXISTING	
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	CONDUIT TRENCHED	
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE A BASE	
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	MAST ARM - TYPE C BASE	
	VIDEO DETECTION ZONE	MAST ARM - TYPE F BASE	
		6'X30' LOOP DETECTOR	

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	175

COUNTY
VARIES

JOB NO.
J6P3510E

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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

TR HUGHES BLVD AND E TERRA LN

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

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_47_4_i10.dgn 10:55:03 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION: APPROACH	LOCATION: STATION	LOCATION: OFFSET	BASE: A: 9	A: 9.5	A: 10	A: 10.5	A: 11	A: 12	F: 9	F: 9.5	F: 10	F: 10.5	F: 11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	PULL BOX: PREFORMED: CLASS 1	CLASS 2	CLASS 3	CLASS 5	CONCRETE: STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	DRAIN TYPE*: I	II: A	B	C
			CONTROLLER	(AS REQ'D)																									
1		TR HUGHES	36+18	54.7' RT												1		(1)											
3		TR HUGHES	36+07	43.9' RT												1		(1)											
4		TR HUGHES	35+96	51.3' LT												1		(1)											
6		TR HUGHES	36+01	62.8' LT												1		(1)											
7		TR HUGHES	36+57	70.0' LT												1		(1)											
9		TR HUGHES	36+69	59.9' LT												1		(1)											
10		TR HUGHES	37+02	57.3' RT												1		(1)											
12		TR HUGHES	36+91	66.1' RT												1		(1)											
				SUBTOTAL												8		(1)											
				TOTAL												8		(1)											

POST: STANCHION POST	TOP MOUNT POST: 8 FT.	15 FT.	TYPE C & CL: ARM LENGTH: A	A	A	A	SIGNAL SPACING: B	C	D	D'	SIGN SPACING: B	C	D	D'	TYPE B & BL: ARM LENGTH: E	K	E	K	E	K	LEFT ARM E: SIGNAL SPACING: F	G	H	H'	SIGN SPACING: F	G	H	H'	RIGHT ARM K: SIGNAL SPACING: L	M	N	N'	SIGN SPACING: L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM*: 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1																																								
1																																									
1																																									
1																																									
1																																									
1																																									
1																																									
1																																									
8																																									
8																																									

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE ORIGINED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.: 1"	TRENCH: 2"	3"	4"		PUSHED: 2"	3"	4"	MEDIAN: 2"	3"	4"	ON STRUCTURE: 2"	3"		REMARKS
2	1	19'			20'												
2	3	1'			2'												
3	4	9'			10'												
3	6	7'			8'												
5	7	12'			13'												
5	9	6'			7'												
7	10	22'			23'												
7	12	9'			10'												
SUBTOTALS					93'												
TOTALS					93'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL: 2c #16	5c #16	7c #16	3c #16	CLOSED LOOP INTERCONNECT: 3 PAIR #16	LUMINAIRE: CONTROL: 2c #12	POLE & BRACKET: 1c #10	DETECTOR: 1c #14 IN DUCT	2c #14 LEAD-IN CABLE	FIBER: SINGLE-MODE	MULTI-MODE	REMARKS
	1	66'			95'											PUSHBUTTON 63
	3	52'			81'											PUSHBUTTON 41
	4	150'			179'											PUSHBUTTON 42
	6	148'			177'											PUSHBUTTON 24
	7	227'			262'											PUSHBUTTON 23
	9	221'			256'											PUSHBUTTON 81
	10	145'			274'											PUSHBUTTON 82
	12	132'			161'											PUSHBUTTON 62
					69'											5% FOR SNAKING
SUBTOTALS					1454'											
TOTALS					1460'											

NOTES:

CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

TR HUGHES BLVD AND E TERRA LN

INTERSECTION

D-37A/B

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED: 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	176

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

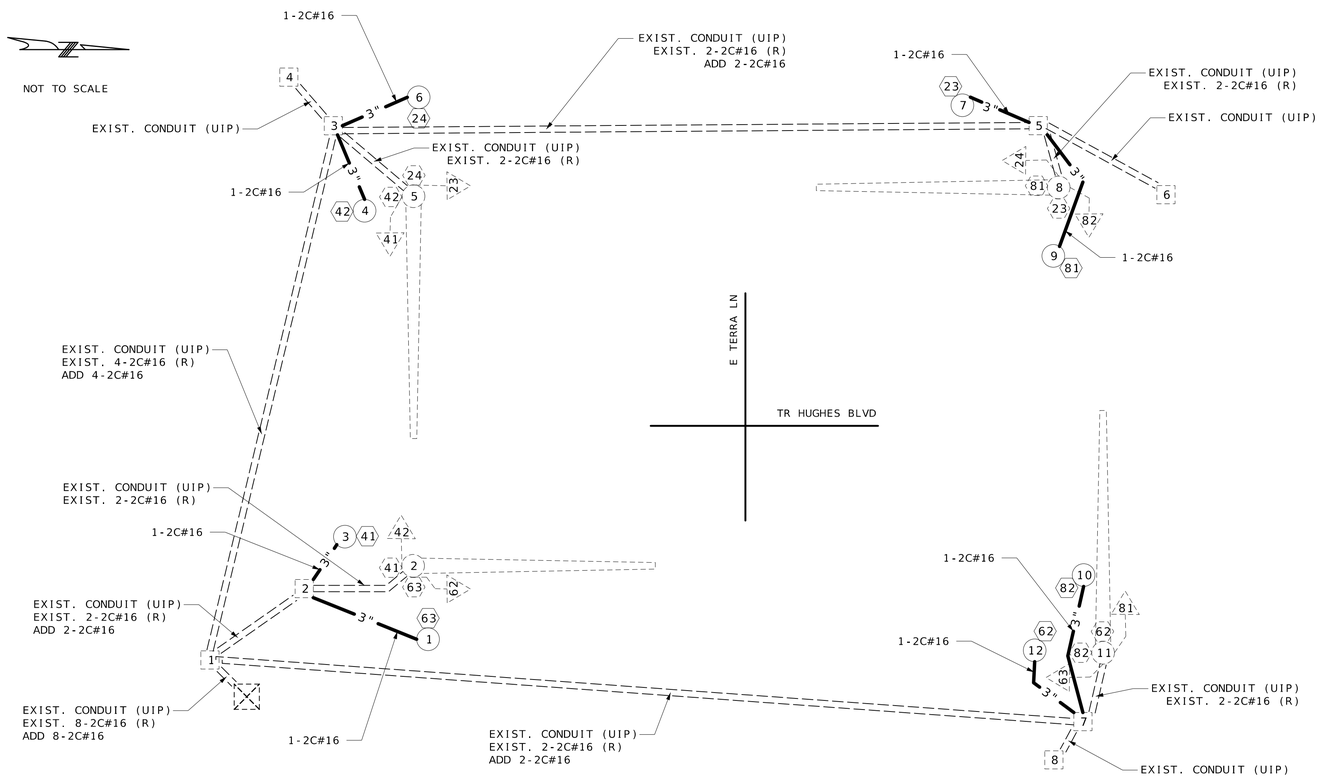
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT	
23	SB TR HUGHES	1				
24	NB TR HUGHES	1				
41	WB E TERRA	1				
42	EB E TERRA	1				
62	NB TR HUGHES	1				
63	SB TR HUGHES	1				
81	EB E TERRA	1				
82	WB E TERRA	1				
TOTAL		8				

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3EL	9 X 15	0.9	(3.6)	(4)
4	R10-3ER	9 X 15	0.9	(3.6)	(4)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(7.2)	(8)
			TOTAL	(8.0)	(8)

LEGEND

- 3" ——— CONDUIT CONTAINING CABLE WITH SIZE
- ——— CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

TR HUGHES BLVD AND E TERRA LN

INTERSECTION

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	177

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

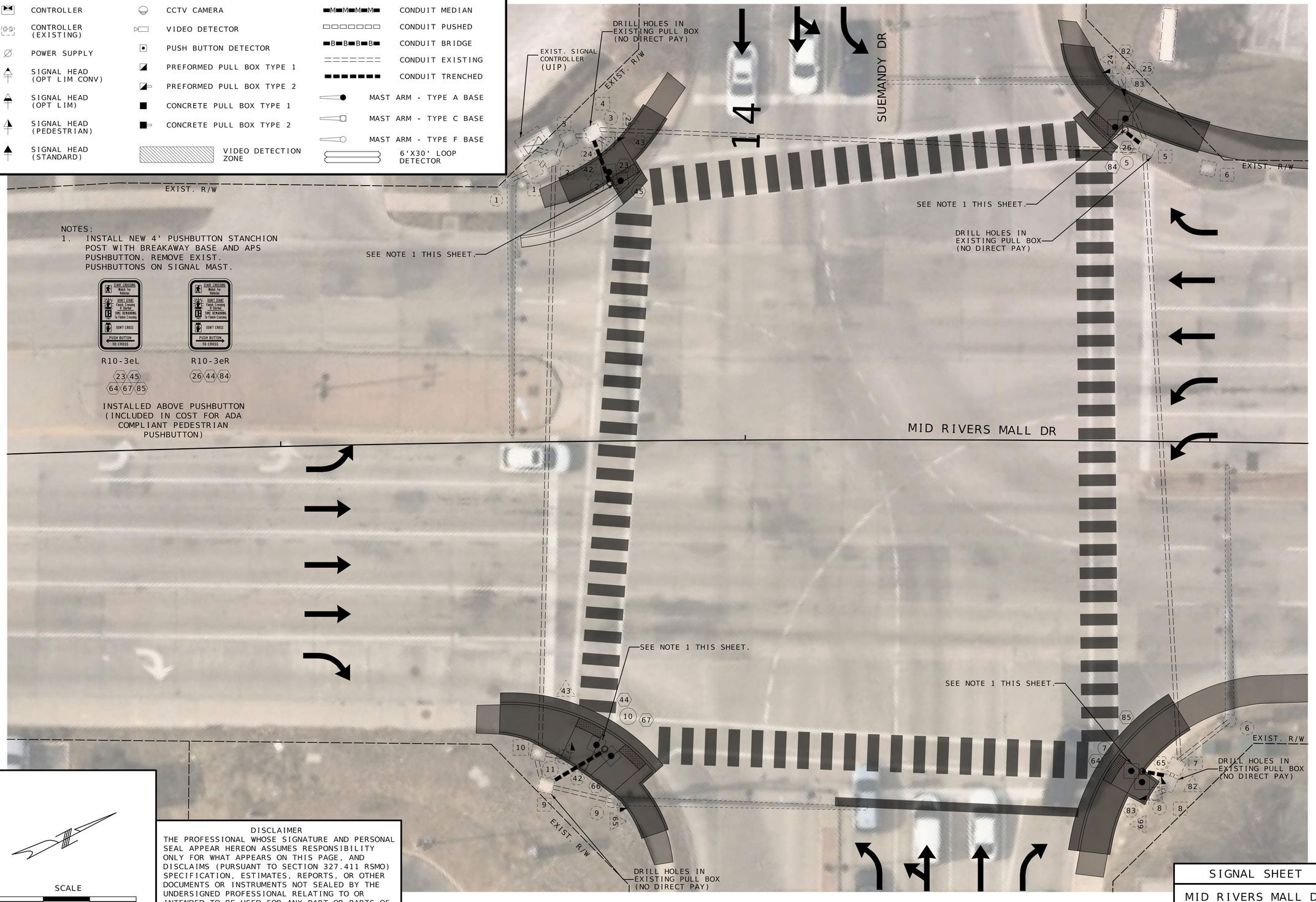
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

D-37C/D

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_47_5-6_i1.dgn 10:40:54 AM 7/29/2026

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR



NOTES:
1. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKAWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTONS ON SIGNAL MAST.

R10-3eL

23 45 64 67 85

R10-3eR

26 44 84

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

SCALE

0 10 20 30

DISCLAIMER

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	178

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MID RIVERS MALL DR AND SUEMANDY DR

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_7_i10.dgn 10:55:07 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX											POST		
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*				STANCHION POST	TOP MOUNT POST	
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11				CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II				8 FT.	15 FT.
																											A	B	C			
			CONTROLLER	(AS REQ'D)																												
2		MID RIVERS	12+71	56.8' LT												1		(1)												1		
5		MID RIVERS	13+81	67.5' LT												1		(1)												1		
7		MID RIVERS	13+85	71.2' RT												1		(1)												1		
10		MID RIVERS	12+69	69.5' RT												1		(1)												1		
																	SUBTOTAL	(1)												4		
																	TOTAL	(1)												4		

POST NUMBER	POST																																							
	TYPE C & CL												TYPE B & BL																							LUMINAIRE BRACKET ARM*					
	ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE						
																			SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING					4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
	A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'							
2																																									
5																																									
7																																									
10																																									
SUBTOTAL																																									
TOTAL																																									

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
4	②	10'			11'												
5	⑤	8'			9'												
8	⑦	8'			9'												
9	⑩	15'			16'												
SUBTOTALS					51'												
TOTALS					51'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
☒	②	26'			70'											PUSHBUTTON 24 AND 43
☒	⑤	131'			181'											PUSHBUTTON 25 AND 82
☒	⑦	283'			345'											PUSHBUTTON 65 AND 83
☒	⑩	146'			190'											PUSHBUTTON 42 AND 66
					39'											5% FOR SNAKING
SUBTOTALS					825'											
TOTALS					830'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MID RIVERS MALL DR AND SUEMANDY DR

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026	
ROUTE VARIES	STATE MO
DISTRICT STL	SHEET NO. 179
COUNTY VARIES	
JOB NO. J6P3510E	
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)

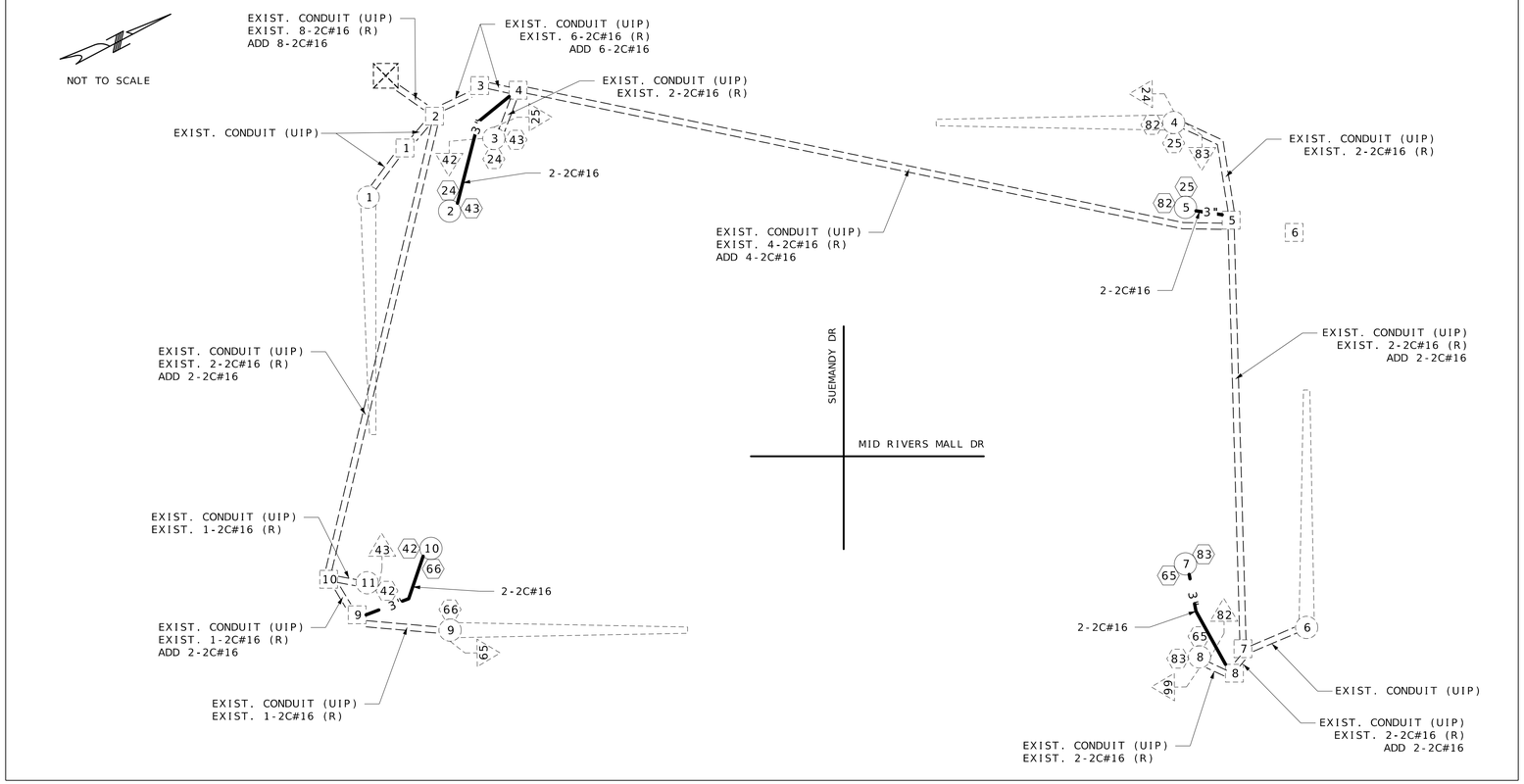
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT	
24	NB MID RIVERS MALL	1				
25	SB MID RIVERS MALL	1				
42	WB SUEMANDY	1				
43	EB SUEMANDY	1				
65	SB MID RIVERS MALL	1				
66	NB MID RIVERS MALL	1				
82	WB SUEMANDY	1				
83	EB SUEMANDY	1				
TOTAL		8				

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
5	R10-3EL	9 X 15	0.9	(4.5)	(5)
3	R10-3ER	9 X 15	0.9	(2.7)	(3)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
				SUBTOTAL (7.2)	(8)
				TOTAL (8.0)	(8)

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

MID RIVERS MALL DR AND SUEMANDY DR

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO

DISTRICT	SHEET NO.
STL	180

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

NO.	DESCRIPTION	DATE
.	.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_8-9_i1.dgn 10:40:58 AM 7/29/2026

SCALE

0 10 20 30

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSH BUTTON AND REPLACE WITH NEW APS PUSHBUTTON. RE-USE EXIST. 2C-#16

2. NEW PEDESTRIAN PUSHBUTTON POSTS SHALL BE BREAKAWAY BASES WITH 4' STANCHIONS & APS BUTTONS. REMOVE EXIST. PUSHBUTTON ON SIGNAL MAST.



R10-3eL

24 65
66 86



R10-3eR

22 41
42 85

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

SEE NOTE 1 THIS SHEET. ADD PUSHBUTTON EXTENSION.

EXIST. SIGNAL CONTROLLER (UIP)

SEE NOTE 1 THIS SHEET.

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET.

EXIST. R/W

MID RIVERS MALL DR

HYD

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET.

SEE NOTE 1 THIS SHEET.

MID RIVERS MALL

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	181

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MID RIVERS MALL DR AND MID RIVERS MALL

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_10_i10.dgn 10:55:12 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX										
		APPROACH	STATION	OFFSET	A						F					STANCHION BASE	C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*			
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11				CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II		
																											A	B	C
			CONTROLLER	(AS REQ'D)																									
3		MID RIVERS	18+61	58.2' LT												1		(1)											
4		MID RIVERS	18+86	49.3' LT												1		(1)											
6		MID RIVERS	18+76	46.6' RT												1		(1)											
8		MID RIVERS	18+60	55.2' RT												1		(1)											
SUBTOTAL																		(1)											
TOTAL																		(1)											

POST NUMBER	POST																																											
	STANCHION POST	TOP MOUNT POST		TYPE C & CL												TYPE B & BL																							LUMINAIRE BRACKET ARM*					
		8 FT.	15 FT.	ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE	4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
																						SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
				A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'							
3	1																																											
4	1																																											
6	1																																											
8	1																																											
SUBTOTAL	4																																											
TOTAL	4																																											

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.
SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
2	③	12'			13'												
2	④	15'			16'												
4	⑥	12'			13'												
4	⑧	32'			33'												
SUBTOTALS					75'												
TOTALS					75'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
										CONTROL	POLE & BRACKET					
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
☒	③	134'			163'											PUSHBUTTON 23
☒	④	137'			166'											PUSHBUTTON 83
☒	⑥	235'			276'											PUSHBUTTON 84
☒	⑧	254'			295'											PUSHBUTTON 64
					45'											5% FOR SNAKING
SUBTOTALS					945'											
TOTALS					950'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MID RIVERS MALL DR AND MID RIVERS MALL

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven

08/03/2026 9:53:04 AM
John Keeven
MO PE-2010000836

DATE PREPARED	
7/29/2026	
ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	182
COUNTY	
VARIES	
JOB NO.	
J6P3510E	
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND *	CALL UNIT	
22	NB MID RVRS MALL DR	1	1				
23	SB MID RVRS MALL DR	1					
41	WB MID RVRS MALL	1					
42	EB MID RVRS MALL	1	1				
64	SB MID RVRS MALL DR	1					
65	NB MID RVRS MALL DR	1					
83	EB MID RVRS MALL	1					
84	WB MID RVRS MALL	1					
TOTAL		8	2				

NOTE:

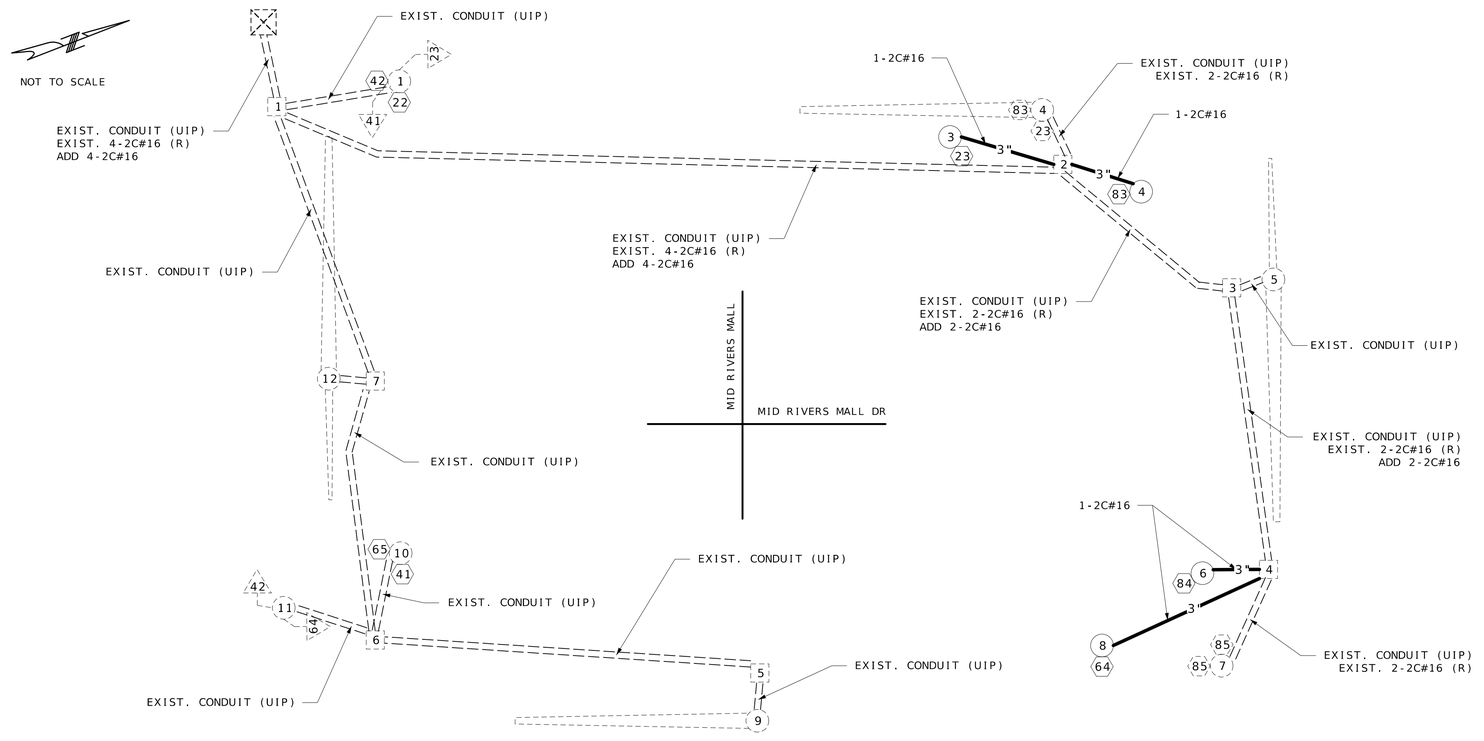
PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3EL	9 X 15	0.9	(3.6)	(4)
4	R10-3ER	9 X 15	0.9	(3.6)	(4)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(7.2)	(8)
			TOTAL	(8.0)	(8)

WIRING DIAGRAM



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MID RIVERS MALL DR AND MID RIVERS MALL
INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	183

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_11-12_i1.dgn 10:41:01 AM 7/29/2026

SCALE

0 10 20 30

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	184

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

EXIST. R/W

PT STA 22+23.81

MID RIVERS MALL DR

I-70 EASTBOUND OFF RAMP

I-70 EASTBOUND ON RAMP

I-70

25

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

SEE NOTE 1 THIS SHEET.

DRILL HOLES IN EXISTING PULL BOX (NO DIRECT PAY)

SEE NOTE 2 THIS SHEET.

N06°03'58"E

MATCHLINE STA. 27+50.00

NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSH BUTTON AND REPLACE WITH NEW APS PUSHBUTTON. RE-USE EXIST. 2C-#16
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKWAY BASE AND APS PUSHBUTTON. REMOVE EXIST. PUSHBUTTONS ON SIGNAL MAST.



R10-3eR

P5 P6
P7 P8

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	CONDUIT MEDIAN
CONTROLLER (EXISTING)	VIDEO DETECTOR	CONDUIT PUSHED
POWER SUPPLY	PUSH BUTTON DETECTOR	CONDUIT BRIDGE
SIGNAL HEAD (OPT LIM CONV)	PREFORMED PULL BOX TYPE 1	CONDUIT EXISTING
SIGNAL HEAD (OPT LIM)	PREFORMED PULL BOX TYPE 2	CONDUIT TRENCHED
SIGNAL HEAD (PEDESTRIAN)	CONCRETE PULL BOX TYPE 1	MAST ARM - TYPE A BASE
SIGNAL HEAD (STANDARD)	CONCRETE PULL BOX TYPE 2	MAST ARM - TYPE C BASE
	VIDEO DETECTION ZONE	MAST ARM - TYPE F BASE
		6'X30' LOOP DETECTOR

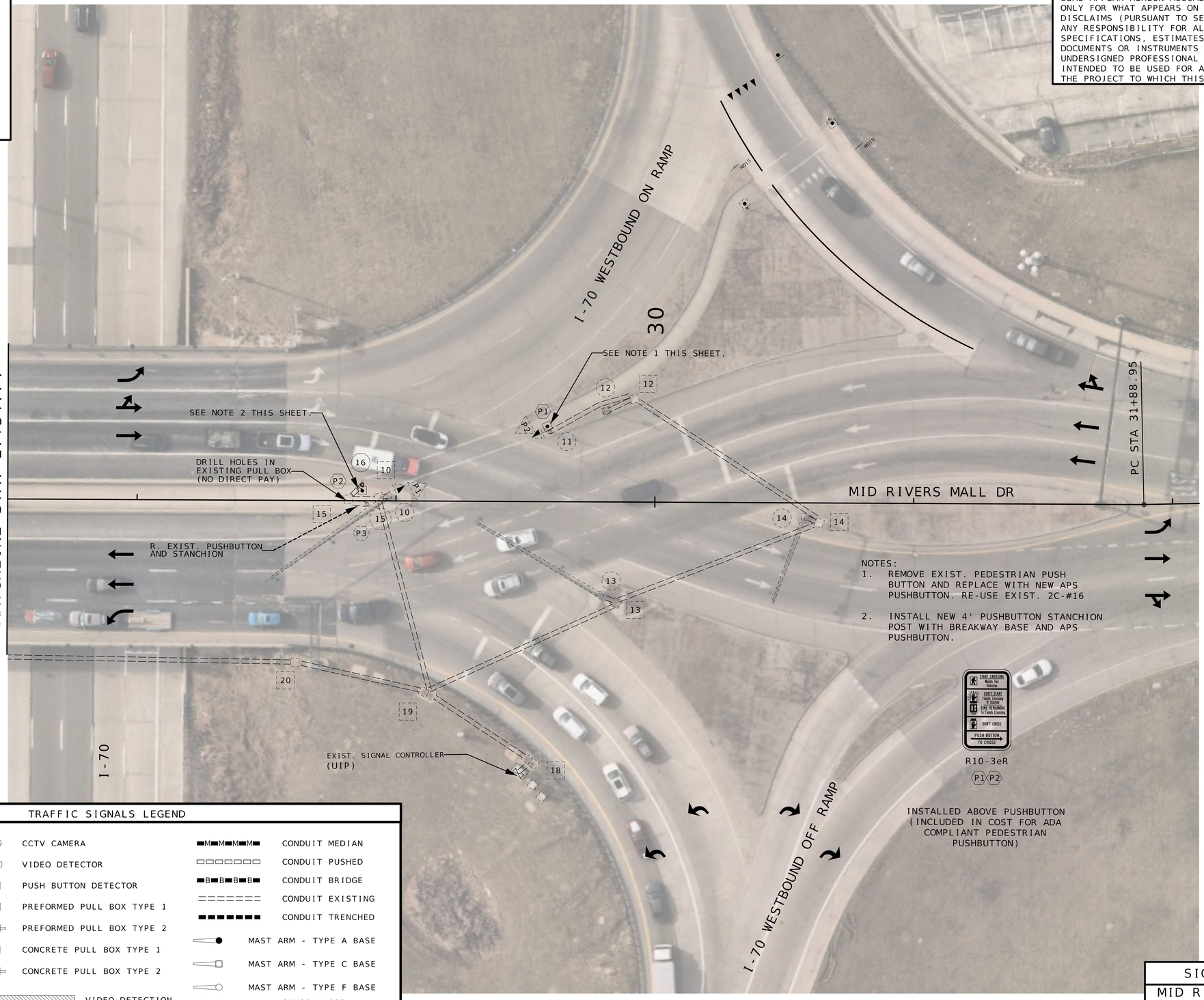
SIGNAL SHEET

MID RIVERS MALL AND EASTBOUND ON AND OFF RAMPS

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_13_i10.dgn 10:55:15 AM 7/29/2026

SCALE

0 20 40 60



NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSH BUTTON AND REPLACE WITH NEW APS PUSHBUTTON. RE-USE EXIST. 2C-#16
2. INSTALL NEW 4' PUSHBUTTON STANCHION POST WITH BREAKWAY BASE AND APS PUSHBUTTON.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	185

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MID RIVERS MALL DR AND WESTBOUND ON AND OFF RAMPS

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_14_I10.dgn 10:55:19 AM 7/29/2026

EFFECTIVE: 07/01/2018

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	LOCATION STATION	LOCATION OFFSET	BASE A 9	BASE A 9.5	BASE A 10	BASE A 10.5	BASE A 11	BASE A 12	BASE F 9	BASE F 9.5	BASE F 10	BASE F 10.5	BASE F 11	BASE STANCHION BASE	BASE C	BASE CONCRETE** (CU. YDS.)
			CONTROLLER	(AS REQ'D)														
15		MID RIVERS	25+81	6.8' LT												1		(1)
16		MID RIVERS	28+87	5.9' LT												1		(1)
				SUBTOTAL														(1)
				TOTAL														(1)

PULL BOX PREFORMED CLASS 1	PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	CONCRETE DOUBLE, TYPE A	CONCRETE DOUBLE, TYPE B	DRAIN TYPE* I	DRAIN TYPE* II A	DRAIN TYPE* II B	DRAIN TYPE* II C

POST STANCHION POST	TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL ARM LENGTH A	A	A	A	SIGNAL SPACING B	C	D	D'	SIGN SPACING B	C	D	D'	TYPE B & BL ARM LENGTH E	K	E	K	E	K	LEFT ARM E SIGNAL SPACING F	G	H	H'	LEFT ARM E SIGN SPACING F	G	H	H'	RIGHT ARM K SIGNAL SPACING L	M	N	N'	RIGHT ARM K SIGN SPACING L	M	N	N'	INCLUDED ANGLE	LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1																																									
1																																										
2																																										
2																																										

REMARKS
ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET. 1"	TRENCH 2"	TRENCH 3"	TRENCH 4"	TRENCH	PUSHED 2"	PUSHED 3"	PUSHED 4"	MEDIAN 2"	MEDIAN 3"	MEDIAN 4"	ON STRUCTURE 2"	ON STRUCTURE 3"		REMARKS
7	15	8'			9'												
10	16	4'			5'												
SUBTOTALS					14'												
TOTALS					14'												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL 2c #16	CONTROL 5c #16	CONTROL 7c #16	CONTROL 3c #16	CLOSED LOOP INTERCONNECT 3 PAIR #16	LUMINAIRE CONTROL 2c #12	LUMINAIRE POLE & BRACKET 1c #10	DETECTOR 1c #14 IN DUCT	DETECTOR 2c #14 LEAD-IN CABLE	FIBER SINGLE-MODE	FIBER MULTI-MODE	REMARKS
	15	133'			186'											PUSHBUTTON P5
	16	447'			488'											PUSHBUTTON P2
					34'											5% FOR SNAKING
SUBTOTALS					708'											
TOTALS					710'											

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

MID RIVERS MALL DR AND I-70 ON AND OFF RAMPS

INTERSECTION

D-37A/B

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE: VARIES
STATE: MO
DISTRICT: STL
SHEET NO.: 186
COUNTY: VARIES
JOB NO.: J6P3510
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_15-18_i1.dgn 10:41:04 AM 7/29/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT	
P1	SB MID RIVERS	1				
P2	NB MID RIVERS	1				
P5	SB MID RIVERS	1				
P6	NB MID RIVERS	1				
P7	SB MID RIVERS	1				
P8	NB MID RIVERS	1				
	TOTAL	6				

NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
	R10-3EL	9 X 15	0.9		
6	R10-3ER	9 X 15	0.9	(5.4)	(6)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(5.4)	(6)
			TOTAL	(6.0)	(6)

MID RIVERS MALL DR AND I-70 ON AND OFF RAMPS

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO

DISTRICT	SHEET NO.
STL	187

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SECTION INDEX MAP

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

REV.

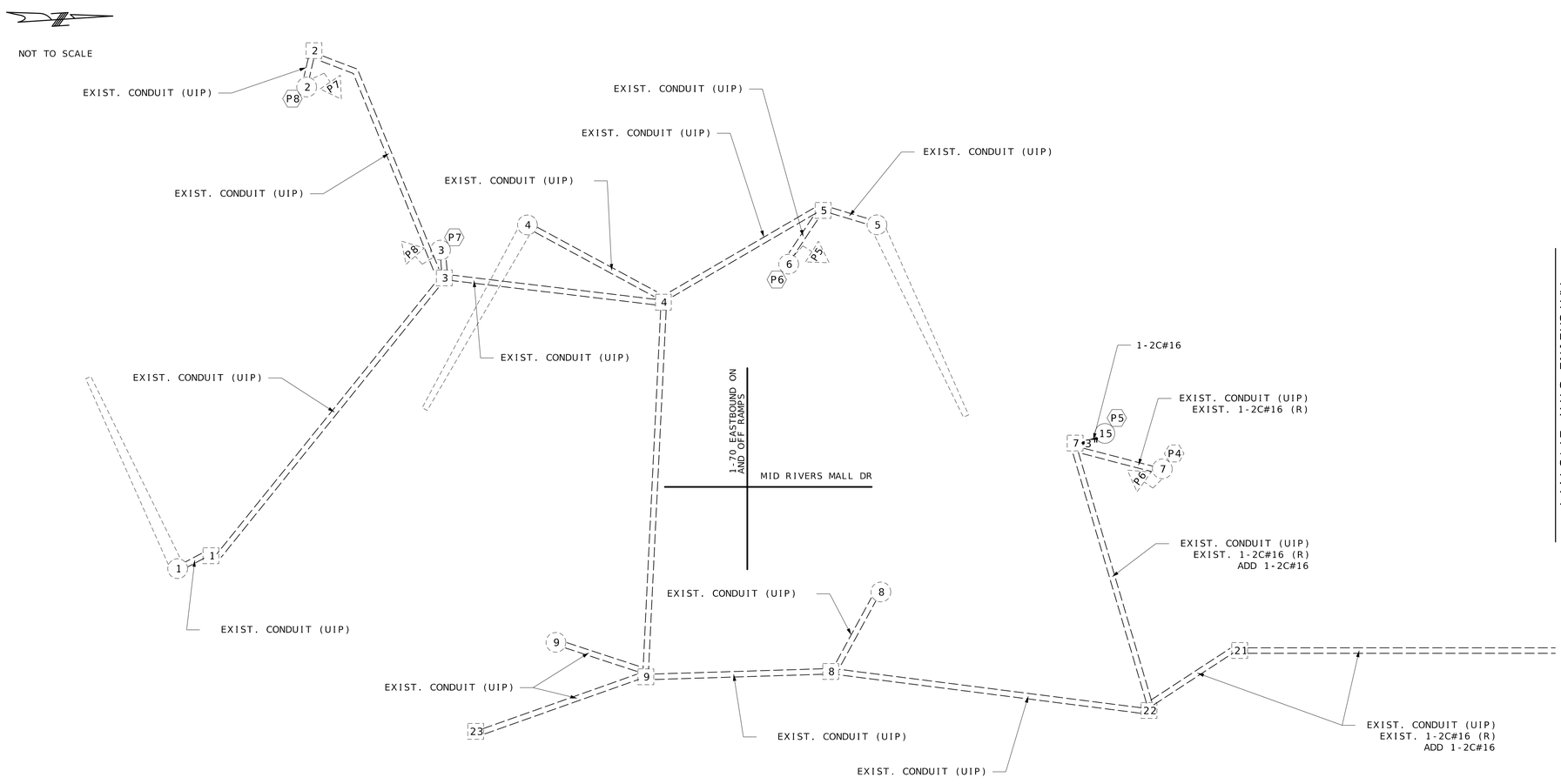
LEGEND

3" CONDUIT CONTAINING CABLE WITH SIZE	DETECTOR WITH NUMBER
CABLE	SIGNAL HEAD WITH NUMBER
X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)	SIGNAL CONTROLLER
LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)	POWER SUPPLY
PULL BOX WITH NUMBER	LIGHTING CONTROLLER
POST WITH NUMBER	POST WITH MAST ARM
POST WITH MAST ARM AND LUMINAIRE	

MID RIVERS MALL DR AND I-70 EASTBOUND ON AND OFF RAMPS

INTERSECTION

WIRING DIAGRAM



D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	188

COUNTY
VARIES

JOB NO.
J6P3510

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

LEGEND

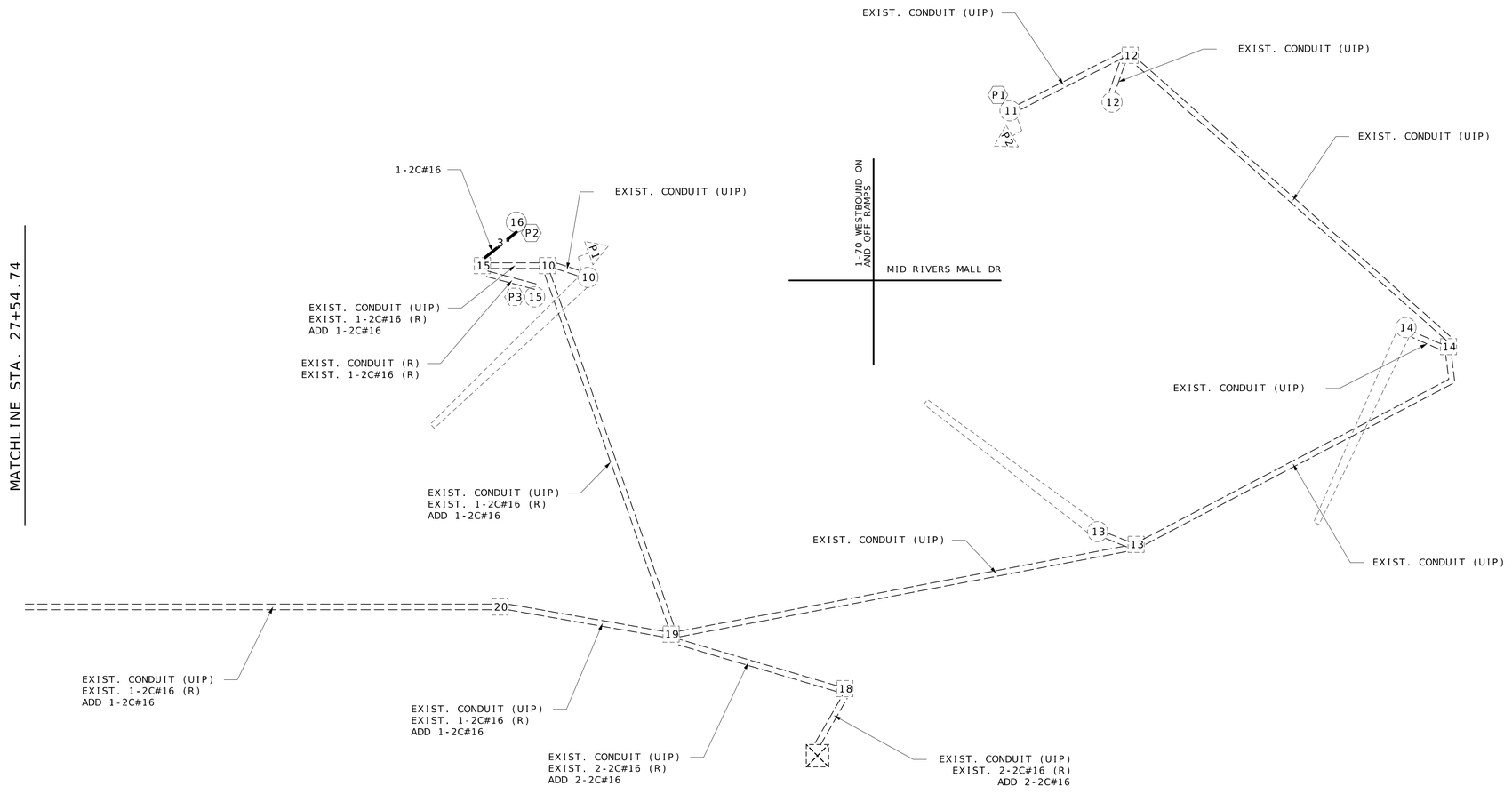
3" CONDUIT CONTAINING CABLE WITH SIZE	DETECTOR WITH NUMBER
CABLE	SIGNAL HEAD WITH NUMBER
X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)	SIGNAL CONTROLLER
LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)	POWER SUPPLY
PULL BOX WITH NUMBER	LIGHTING CONTROLLER
POST WITH NUMBER	POST WITH MAST ARM
POST WITH MAST ARM AND LUMINAIRE	

MID RIVERS MALL DR AND I-70 WESTBOUND ON AND OFF RAMPS

INTERSECTION

WIRING DIAGRAM

NOT TO SCALE



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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	189

COUNTY
VARIES

JOB NO.
J6P3510

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

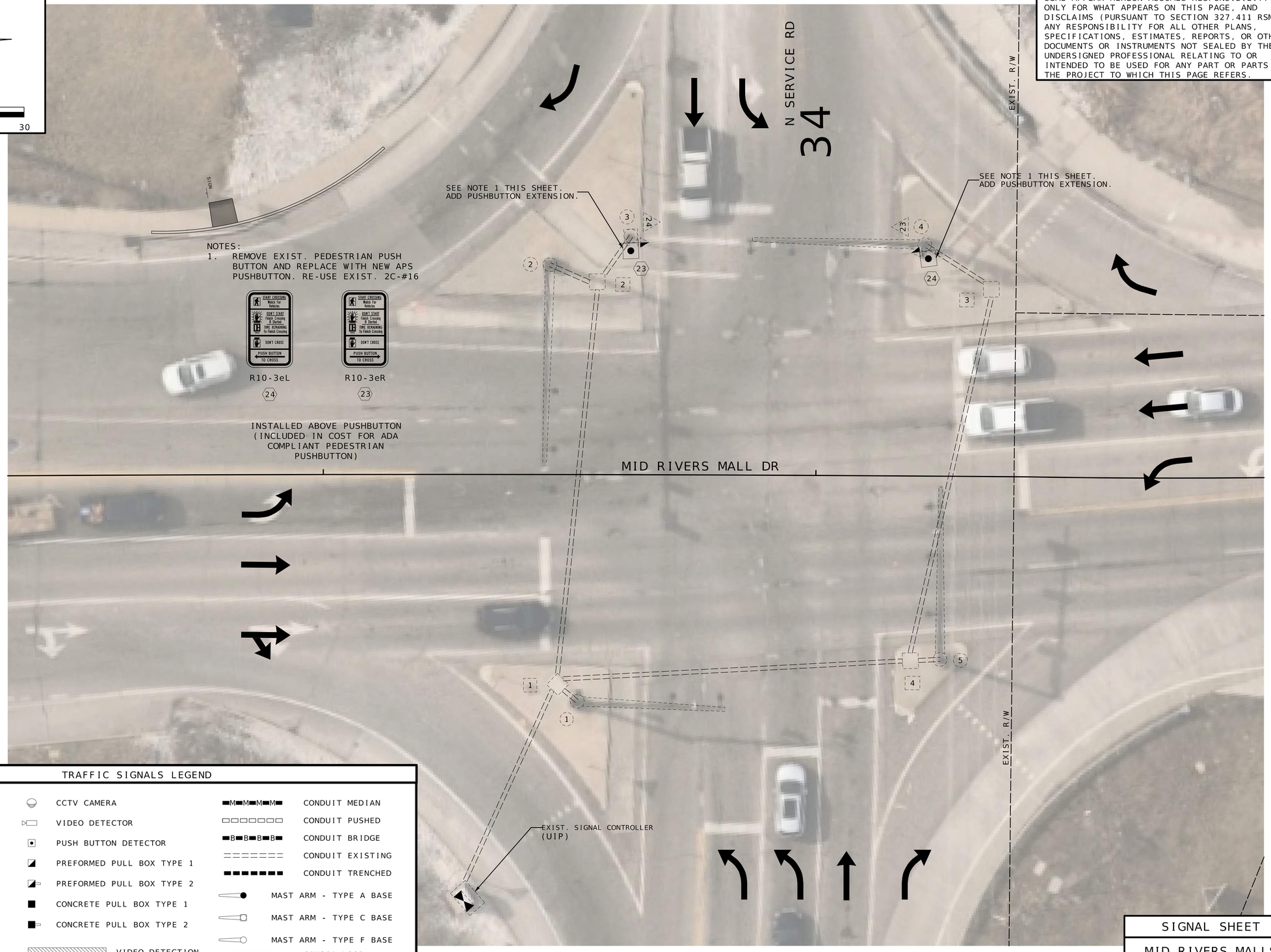
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 10 20 30



NOTES:

1. REMOVE EXIST. PEDESTRIAN PUSH BUTTON AND REPLACE WITH NEW APS PUSHBUTTON. RE-USE EXIST. 2C-#16

R10-3eL

24

R10-3eR

23

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	190

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

MID RIVERS MALLS AND N SERVICE RD

L:\EDSI\23005482-00\548200\Roadway\Sheets\Corridor 45-56\45-56_SG_J6P3510_50_19_i10.dgn 10:55:24 AM 7/29/2026

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE					
		PUSH BUTTON	EXTENSION ARM	INDUCTION LOOP			VIDEO
				STANDARD	DELAY/ EXTEND *	CALL UNIT	
23	NB MID RIVERS MALL	1	1	.	.	.	.
24	SB MID RIVERS MALL	1	1				
	TOTAL	2	2				

NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

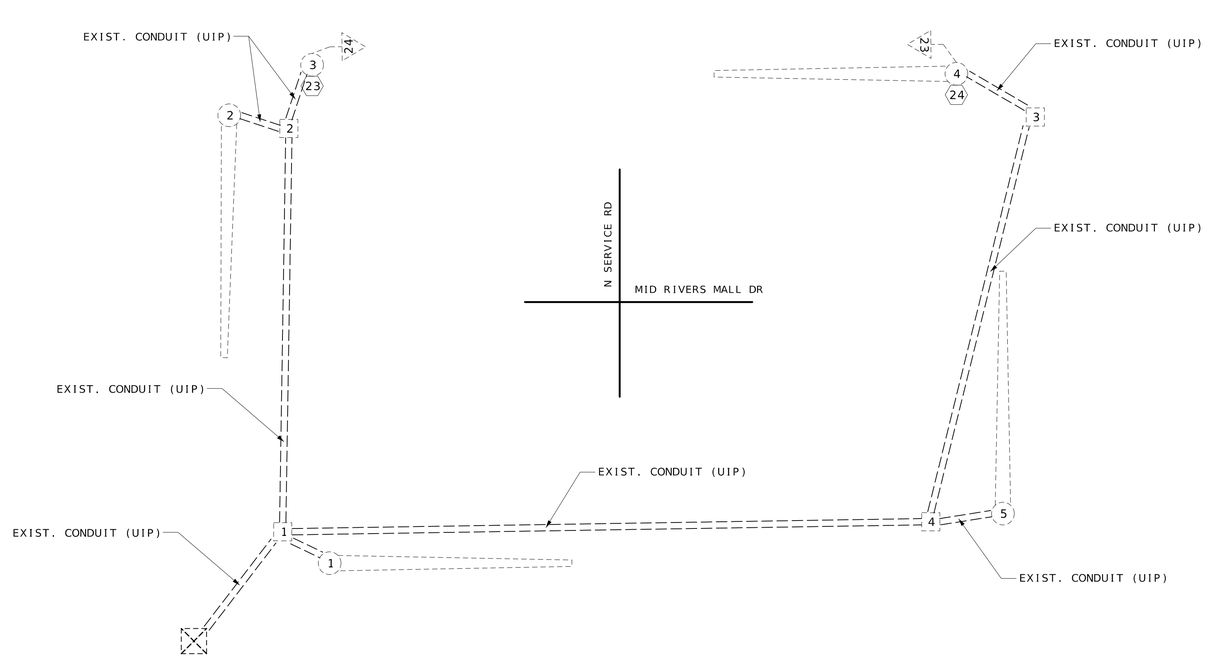
*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
1	R10-3EL	9 X 15	0.9	(0.9)	(1)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(1.8)	(2)
			TOTAL	(2.0)	(2)

WIRING DIAGRAM

NOT TO SCALE



LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

MID RIVERS MALL DR AND N SERVICE RD

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE: VARIES | STATE: MO
DISTRICT: STL | SHEET NO.: 191
COUNTY: VARIES
JOB NO.: J6P3510E
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

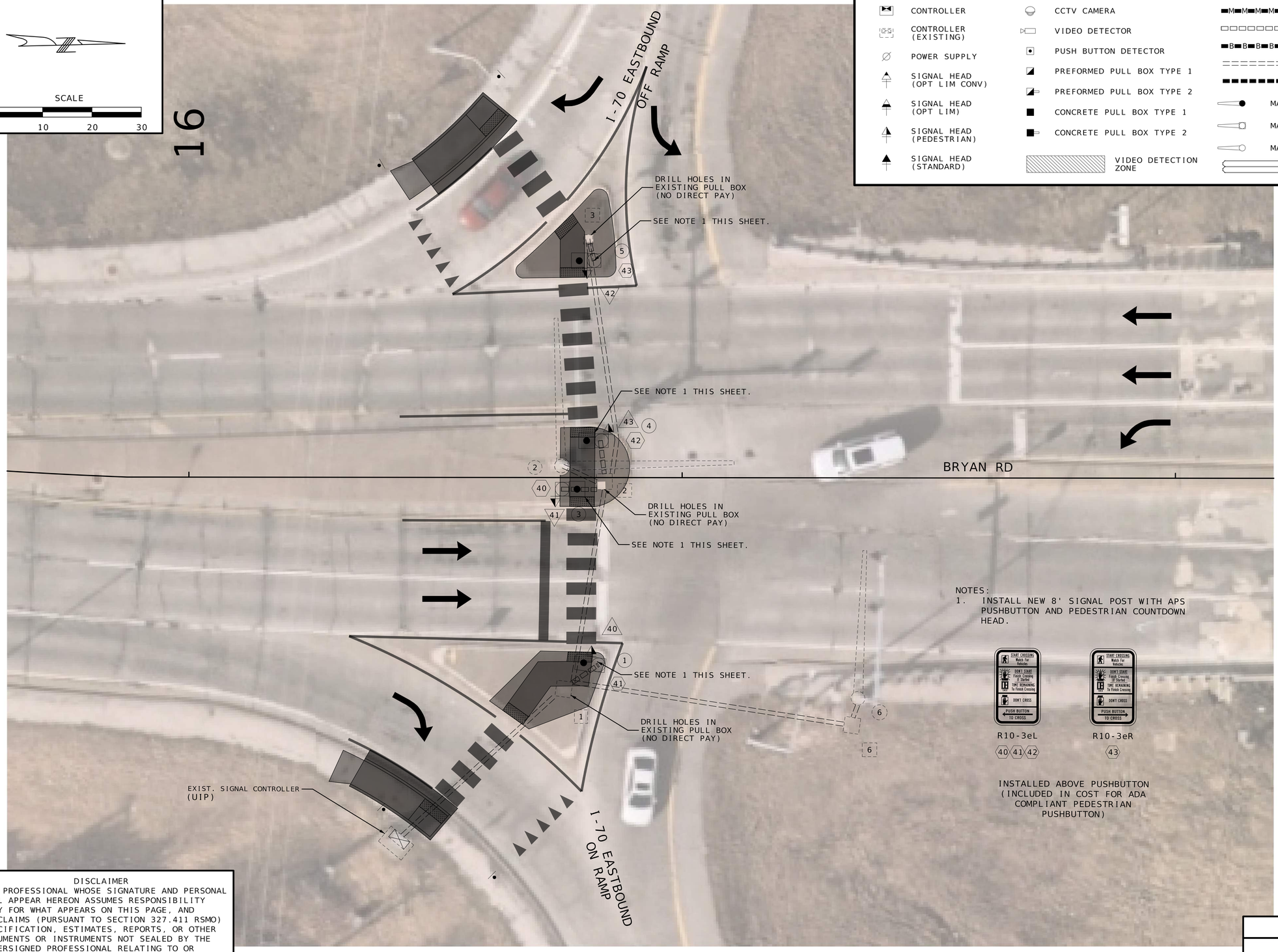
CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST LOUIS, MO 63102 (314)436-5500
ENGINEERING CORPORATION - 000631

SCALE

0 10 20 30

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- POWER SUPPLY
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- VIDEO DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE
- 6'X30' LOOP DETECTOR



NOTES:
1. INSTALL NEW 8' SIGNAL POST WITH APS PUSHBUTTON AND PEDESTRIAN COUNTDOWN HEAD.

R10-3eL

40 41 42

R10-3eR

43

INSTALLED ABOVE PUSHBUTTON (INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON)

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

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED 7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	192

COUNTY: VARIES
JOB NO.: J6P3510E
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DATE	DESCRIPTION
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

SIGNAL SHEET

BRYAN RD AND I-70 EASTBOUND ON AND OFF RAMPS

EFFECTIVE: 07/01/2018

		LOCATION			BASE														PULL BOX										
					A						F								PREFORMED				CONCRETE			DRAIN TYPE*			
																										I	II		
POST NUMBER	PULL BOX NUMBER	APPROACH	STATION	OFFSET	9	9.5	10	10.5	11	12	9	9.5	10	10.5	11	STANCHION BASE	C	CONCRETE** (CU. YDS.)	CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B		A	B	C
			CONTROLLER	(AS REQ'D)																									
1		BRYAN RD	16+83	37.4' RT													1	0.44											
3		BRYAN RD	16+76	2.4' RT													1	0.44											
4		BRYAN RD	16+83	7.5' LT													1	0.44											
5		BRYAN RD	13+31	44.9' LT													1	0.44											
																	SUBTOTAL	1.76											
																	TOTAL	2											

	POST																																									
		TOP MOUNT POST		TYPE C & CL												TYPE B & BL																						LUMINAIRE BRACKET ARM*					
				ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE						
																						SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
POST NUMBER	STANCHION POST	8 FT.	15 FT.	A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'		4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
1		1																																										
3		1																																										
4		1																																										
5		1																																										
SUBTOTAL		4																																										
TOTAL		4																																										

SIGNAL HEADS

				INDICATIONS *																					VISORS *		LOUVERS *					
				12" LENS CONVENTIONAL											12" LENS OPTICAL LIMITING										12" LENS	PED.						
SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE 150W SODIUM	R	Y	YL	YRt	FYL	FYR	G	S	L	Rt	✋🚶	R	Y	YL	YRt	YL	YRt	G	S	L	Rt			A	B	C	D	E	F
	1	40												1																		
	3	41												1																		
	4	43												1																		
	5	42												1																		
SUBTOTAL																																
TOTAL																																

	BACKPLATE*					RETROREFLECTIVE BACKPLATE*					BRACKET*			ONE-FACE																TWO-FACE															
	LENSES					LENSES					TYPE			SECTION																SECTIONS															
														1-				3-				4-				5-				11-			33-				34-		35-		44-		45-		
POST NUMBER	1	2	3	4	5	1	2	3	4	5	I	II	III	T	S	C	B	T	S	C	B	T	S	C	B	T	S	C	B	T	S	B	T	S	C	B	S	B	S	B	S	B	S	B
1											1				1																													
3											1				1																													
4											1				1																													
5											1				1																													
SUBTOTAL OPTICALLY LIMITED																																												
SUBTOTAL CONVENTIONAL															4																													
SUBTOTAL COMBINATION OL & CONV																																												
TOTAL OPTICALLY LIMITED																																												
TOTAL CONVENTIONAL															4																													
TOTAL COMBINATION OL & CONV																																												

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.19 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES. SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

(1) NO DIRECT PAY REQUIRED FOR BASE MATERIAL ASSOCIATED WITH 4' PEDESTRIAN PUSHBUTTON STANCHION. SEE JSP DETAILS.

NOTE:

SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

CONDUIT (WITH #14 TRACER WIRE)

			LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			
FROM	TO	CENTER TO CENTER DISTANCE	1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		REMARKS
1	①	9'			10'												
2	③	10'			11'												
2	④	9'			10'												
3	⑤	5'			6'												
SUBTOTALS					37'												
TOTALS					37'												

CABLE

			POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		
										CONTROL	POLE & BRACKET					
FROM	TO	CENTER TO CENTER DISTANCE			2c #16	5c #16	7c #16	3c #16	3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	REMARKS
⊠	①	51'			75'											PUSHBUTTON 41
⊠	③	91'			121'											PUSHBUTTON 40
⊠	④	91'			121'											PUSHBUTTON 42
⊠	⑤	143'			179'											PUSHBUTTON 43
⊠	①	51'				74'										PEDESTRIAN HEAD 40
⊠	③	91'				120'										PEDESTRIAN HEAD 41
⊠	④	91'				120'										PEDESTRIAN HEAD 43
⊠	⑤	143'				178'										PEDESTRIAN HEAD 42
					25'	25'										5% FOR SNAKING
SUBTOTALS					521'	517'										
TOTALS					530'	520'										

NOTES:

1. CONTRACTOR SHALL USE EXISTING WIRE FOR HOOK-UP OF NEW PUSH BUTTONS REPLACING EXISTING PUSH BUTTONS IN PLACE.
2. CABLE LENGTHS HAVE AN EXTRA 5% FOR SNAKING ADDED TO THE TOTALS.

BRYAN RD AND 1-70 EASTBOUND ON AND OFF RAMPS

INTERSECTION

D-37A/B

JOHN R. KEEVEN
NUMBER PE-2010000836

John Keeven
08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED	
7/29/2026	
ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	193
COUNTY	
VARIES	
JOB NO.	
J6P3510E	
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)

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

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

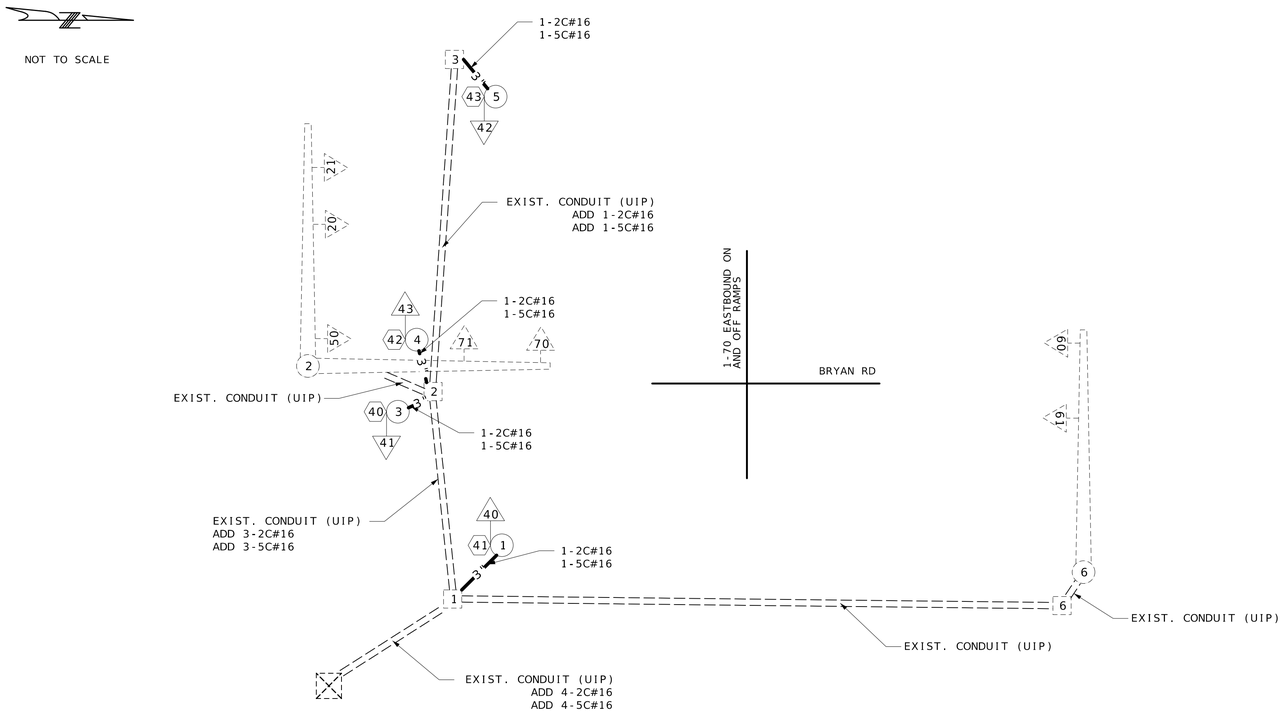
DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT	
40	EB ACROSS BRYAN	1				
41	WB ACROSS BRYAN	1				
42	WB ACROSS BRYAN	1				
43	EB ACROSS BRYAN	1				
	TOTAL	4				

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
OLA SBL	Ø2 SBT (UIP)	NOT USED	Ø4 EBL (UIP)	Ø5 SBL	Ø6 NBL (UIP)	NOT USED	NOT USED	NOT USED	Ø4 PED	NOT USED	NOT USED

WIRING DIAGRAM



NOTE:

PAYMENT FOR SIGN R10-3E AND SIGNAL MOUNTING HARDWARE ARE INCLUDED IN COST FOR ADA COMPLIANT PEDESTRIAN PUSHBUTTON.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
3	R10-3EL	9 X 15	0.9	(2.7)	(3)
1	R10-3ER	9 X 15	0.9	(0.9)	(1)
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	(3.6)	(4)
			TOTAL	(4.0)	(4)

LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

BRYAN RD AND 1-70 EASTBOUND ON AND OFF RAMPS

INTERSECTION

D-37C/D

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED
7/29/2026

ROUTE	STATE
VARIES	MO
DISTRICT	SHEET NO.
STL	194

COUNTY
VARIES

JOB NO.
J6P3510E

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631

EFFECTIVE 12/01/2017

TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

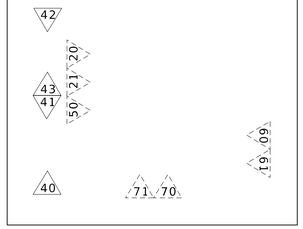
	PHASE 1 (UIP)	PHASE 2 (UIP)	PHASE 3 (UIP)	PHASE 4 (UIP)	PHASE 5 (UIP)	PHASE 6 (UIP)	PHASE 7 (UIP)	PHASE 8 (UIP)	OVERLAP A (UIP)	OVERLAP B (UIP)	OVERLAP C (UIP)	OVERLAP D (UIP)	PED Ø 2 (UIP)	PED Ø 4	PED Ø 6 (UIP)	PED Ø 8 (UIP)	
	NOT USED		NOT USED				NOT USED	NOT USED	OLA	NOT USED	NOT USED	NOT USED	NOT USED		NOT USED	NOT USED	
FACE NUMBERS		20 21		70 71	50	60 61			10					40 43 41 42			FACE NUMBERS
SIGNAL INDICATIONS R		R				R			R					DW DW			R
SIGNAL INDICATIONS Y		Y				Y			Y								Y
SIGNAL INDICATIONS FYA									FYL								FYA
SIGNAL INDICATIONS G		G		L	L	G								W W			G
DETECTOR ASSIGNMENTS		20 21		70 71	50	60 61											DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)														40 43 41 42			
OVERLAP PARENT PHASES									2								

PHASE 1 (UIP)	PHASE 2 (UIP)	PHASE 3 (UIP)	PHASE 4
RING 1: NOT USED	OLA	NOT USED	
RING 2:		NOT USED	NOT USED
PHASE 5 (UIP)	PHASE 6 (UIP)	PHASE 7 (UIP)	PHASE 8 (UIP)

BARRIER

RING STRUCTURE

SIGNAL FACE LOCATION



IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL	FR

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF BRYAN RD

WITH EASTBOUND ON AND OFF RAMPS

D-38A

STATE OF MISSOURI
JOHN R. KEEVEN
NUMBER PE-2010000836
PROFESSIONAL ENGINEER

08/03/2026 9:53:05 AM
John Keeven
MO PE-2010000836

DATE PREPARED: 7/29/2026

ROUTE: VARIES | STATE: MO

DISTRICT: STL | SHEET NO.: 195

COUNTY: VARIES

JOB NO.: J6P3510E

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CMT
CRAWFORD, MURPHY & TILLY, INC.
ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102 (314) 436-5500
ENGINEERING CORPORATION - 000631