DESIGN DESIGNATION

A.A.D.T. – 2019 = 20,499
A.A.D.T. – 2043 = 23,106
D.H.V. = 50%
T = 5%
V = 35 M.P.H.
D = 10%

FUNCTIONAL CLASSIFICATION– PRINCIPAL ARTERIAL

NORMAL ACCESS RIGHT OF WAY IS TO BE ACQUIRED FOR THIS PROJECT.

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–	
STORM SEWER	–SS–	~~SS~~
GAS	–G–	
WATER	–W–	
MANHOLE, MH	SAN	
FIRE HYDRANT, HYD	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET, DI	DI	S
DITCH BLOCK		G
GROUND MOUNTED SIGN	SIGN	W
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	–V–	
WOVEN WIRE	–X–	
GATE POST		
BENCHMARK	BM	

ADJUST TO GRADE	ATG
BY OTHERS	BO
CONCRETE	CONC
CORRUGATED METAL PIPE	CMP
CURB AND GUTTER	C&G
DEPTH	D
DIAMETER	DIA
DO NOT DISTURB	DND
ENTRANCE	ENTR
EXISTING	EXIST, EX
FLARED END SECTION	FES
FLOWLINE	FL
HANDHOLE	HH
MODIFIED	MOD
OVERHEAD	OH
PROPOSED	PROP, PR
PULLBOX	PB
REINFORCED CONCRETE BOX	RCB
REINFORCED CONCRETE PIPE	RCP
RELOCATE	RELOC
REMOVE	R
REMOVE AND RELOCATE	R&RELOC
REMOVE AND REPLACE	R&R
STATION	STA
TEMPORARY CONSTRUCTION EASEMENT	TCE
TO BE ABANDONED BY OTHERS	TBABO
UNKNOWN	UNK
USE IN PLACE	UIP

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
STATE HIGHWAY
ROUTE D SIDEWALK & PAVEMENT PROJECT
(J6S3215)

ST. LOUIS COUNTY
TOWNSHIP 46N
RANGE 6E, SECTIONS 33, 34

US SURVEY 2775

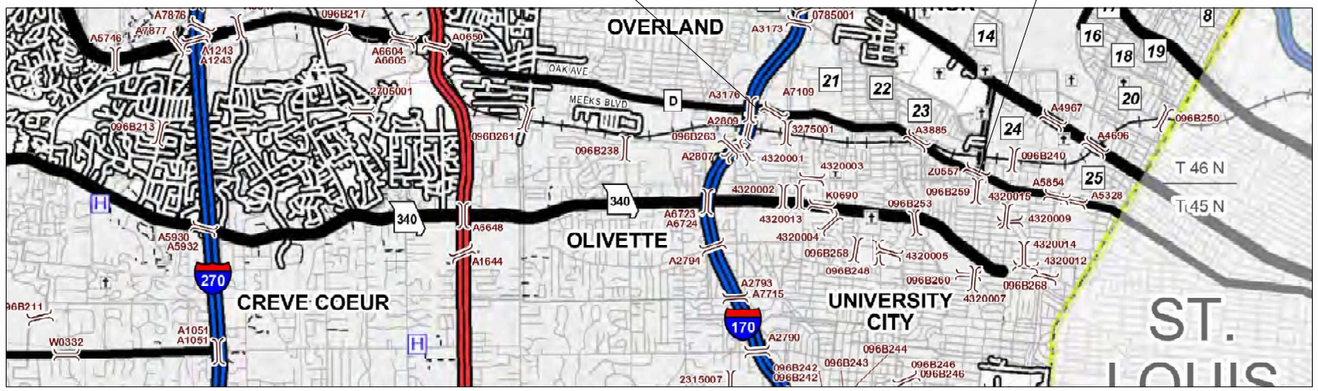
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THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED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

BEGIN PROJECT
ROUTE D
STA. 164+33.16
(EAST OF NB I-170 RAMP INTERSECTION)
LOG MILE 5.69

PAVING
SIDEWALK
DRAINAGE
LIGHTING
SIGNALS
SIGNING

END PROJECT
ROUTE D
STA. 279+50.00
(WEST OF PENNSYLVANIA AVE)
LOG MILE 8.00

NOT TO SCALE



MSD RECORD NUMBER: 23MSD-00236
BASE MAPS: 16J & 16K
ZIP CODES: 63114, 63130, 63133
DIFFERENTIAL Q15: +0.4 CFS

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
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THIS PROJECT FALLS UNDER MODOTS TS4 PERMIT. STORMWATER QUALITY IMPACTS HAVE BEEN REVIEWED BY THE MODOT ENVIRONMENTAL GROUP FOR COMPLIANCE WITH THE PERMIT.

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	164+33.16
END OF PROJECT	STA.	279+50.00
APPARENT LENGTH	11,516.84	FEET

EQUATIONS AND EXCEPTIONS:

171+52.57 (BK) = 171+52.60 (AH)	(–0.03)
172+44.69–174+98.32 (BR OMISSION)	(–253.63)
175+28.11 (BK) = 175+28.05 (AH)	(+0.06)
180+73.75 (BK) = 180+48.30 (AH)	(+25.45)
194+30.01 (BK) = 194+29.84 (AH)	(+0.17)
197+96.15 (BK) = 197+96.42 (AH)	(–0.27)
215+27.20 (BK) = 215+23.57 (AH)	(+3.63)
235+71.65 (BK) = 235+72.57 (AH)	(–0.92)
244+97–255+97 (BRIDGE OMISSION)	(–1,100.00)
266+54.43 (BK) = 266+52.13 (AH)	(+2.30)

TOTAL CORRECTIONS	(–) 1,323.24	FEET
NET LENGTH OF PROJECT	10,193.60	FEET
STATE LENGTH	1.93	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	2.5	ACRES

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

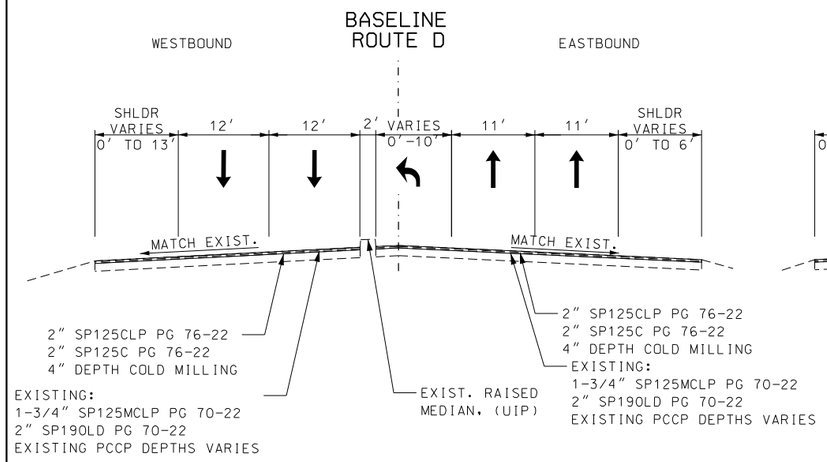
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 – ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 · 314.434.2900

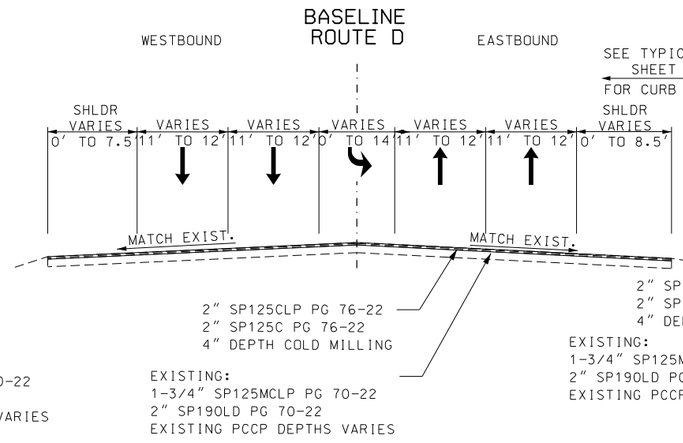
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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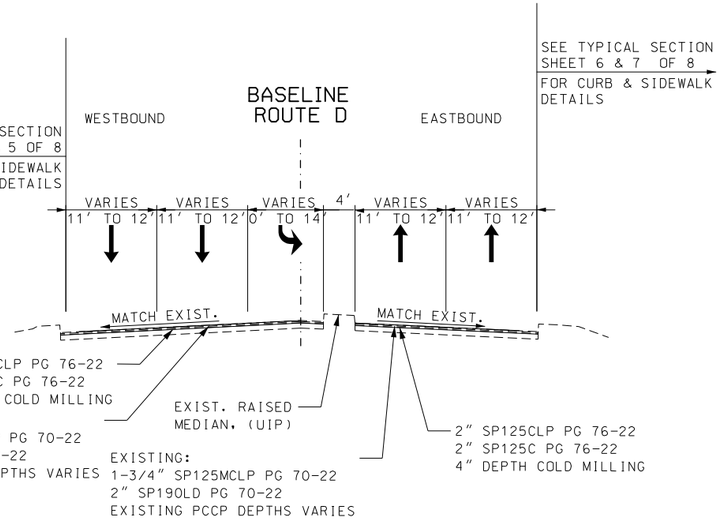
ROUTE D

TYPICAL SECTION 3: 5 LANES
CENTER LEFT TURN LANE
WITH RAISED MEDIAN



ROUTE D

TYPICAL SECTION 4: 5 LANES
CENTER LEFT TURN LANE

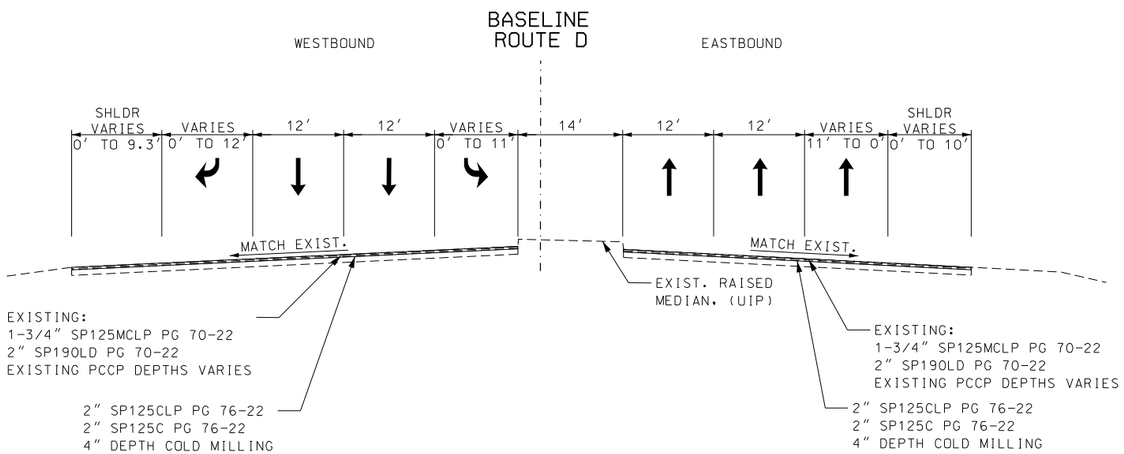


ROUTE D

TYPICAL SECTION 5: 5 LANES
CENTER LEFT TURN LANE
WITH RAISED MEDIAN

APPLICATION RATES

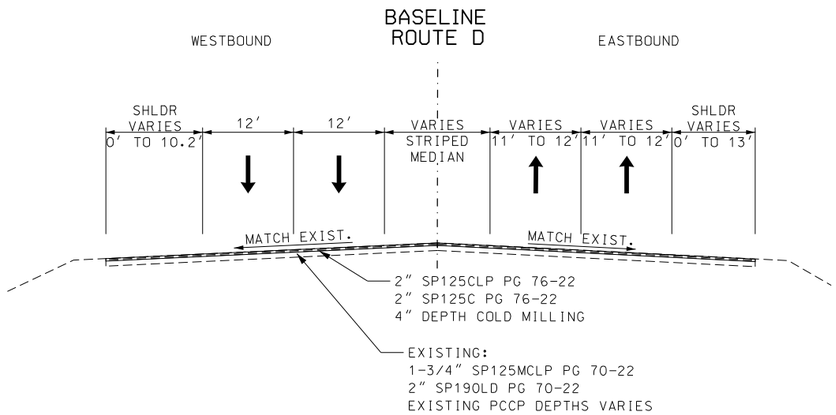
SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.



ROUTE D

TYPICAL SECTION 1: 7 LANES
WITH RAISED MEDIAN

NOTE: SEE SHEET 3 OF 8
FOR SUMMARY



ROUTE D

TYPICAL SECTION 2: 4 LANES

TYPICAL SECTIONS
SHEET 1 OF 8
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

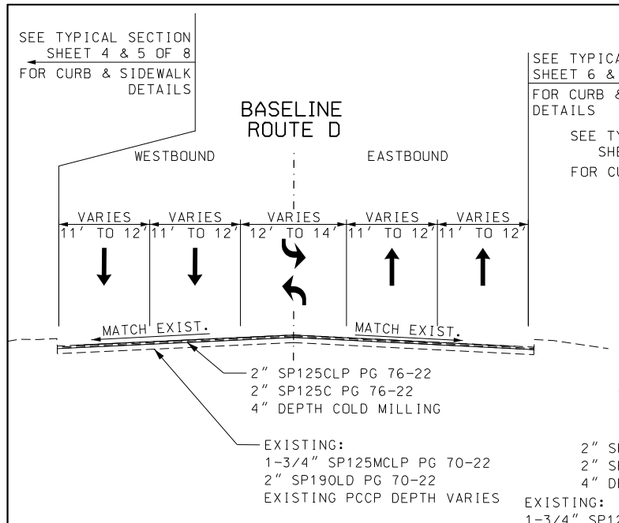
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

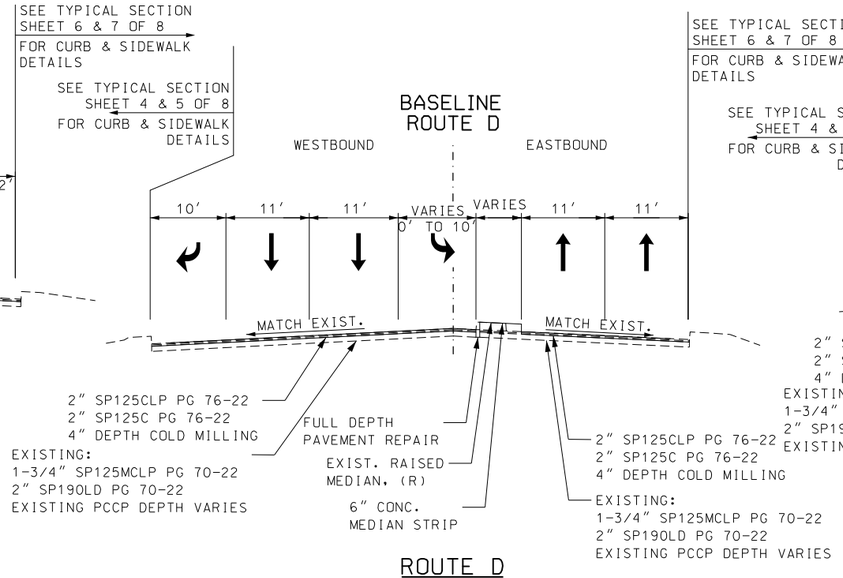
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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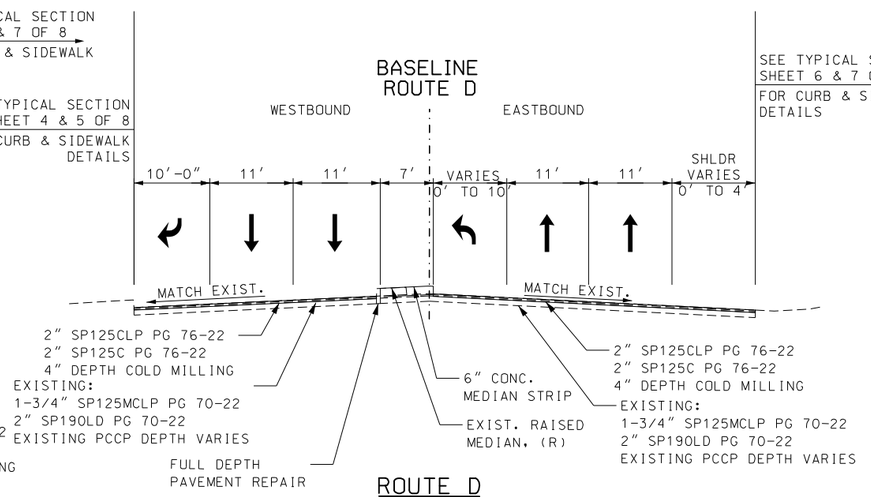
ROUTE D

TYPICAL SECTION 9: 5 LANES
CENTER DUAL TURN LANE



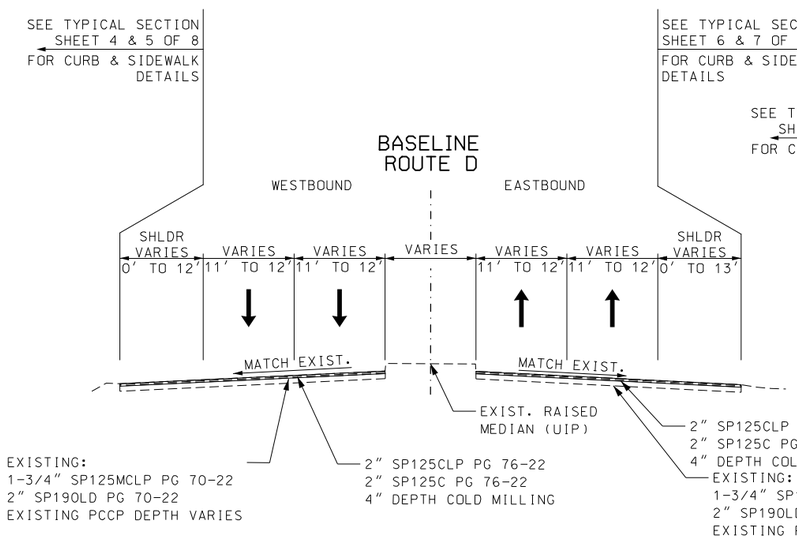
ROUTE D

TYPICAL SECTION 10: 6 LANES
LEFT TURN LANE WITH RAISED MEDIAN



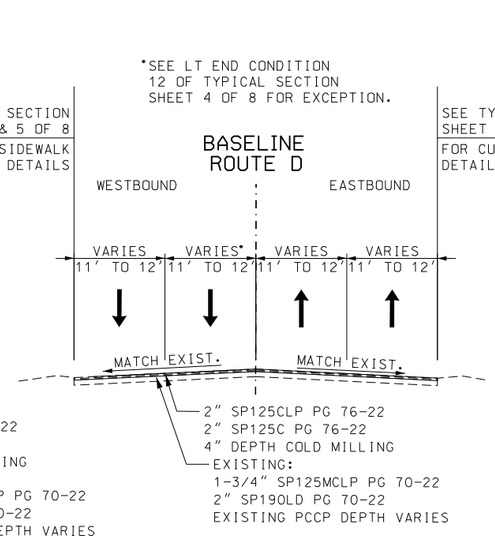
ROUTE D

TYPICAL SECTION 11: 7 LANES
LEFT TURN LANE WITH RAISED MEDIAN



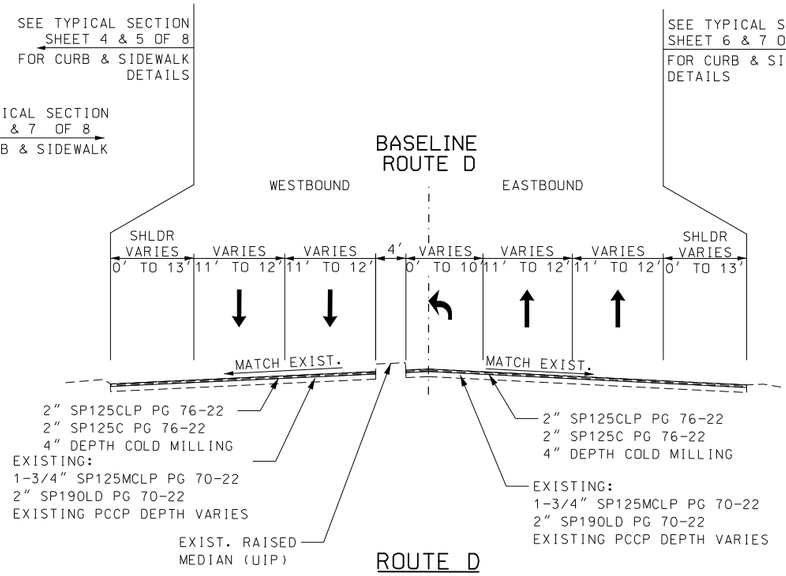
ROUTE D

TYPICAL SECTION 6: 4 LANES
WITH RAISED MEDIAN



ROUTE D

TYPICAL SECTION 7: 4 LANES



ROUTE D

TYPICAL SECTION 8: 5 LANES
LEFT TURN LANE
WITH RAISED MEDIAN

APPLICATION RATES

SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.

NOTE: SEE SHEET 3 OF 8
FOR SUMMARY

TYPICAL SECTIONS
SHEET 2 OF 8
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS SHEET ARE ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

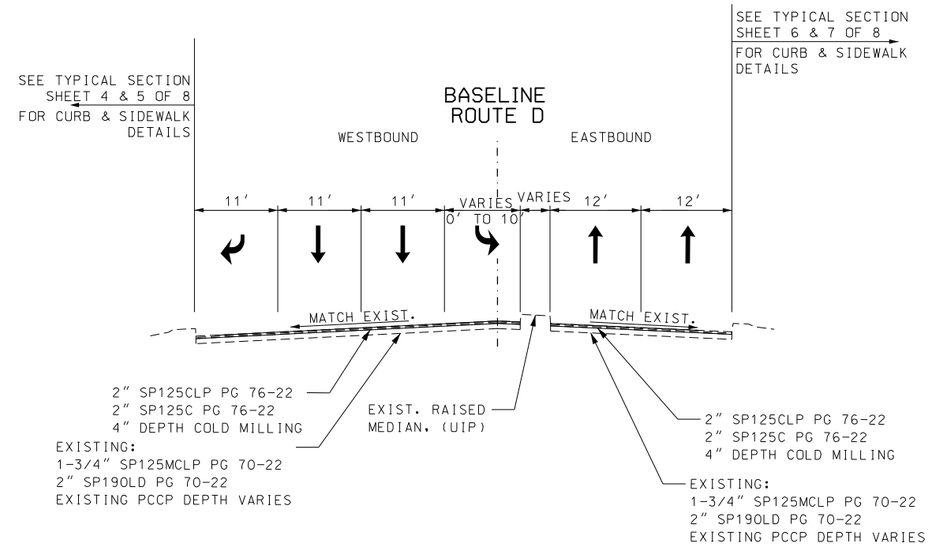
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

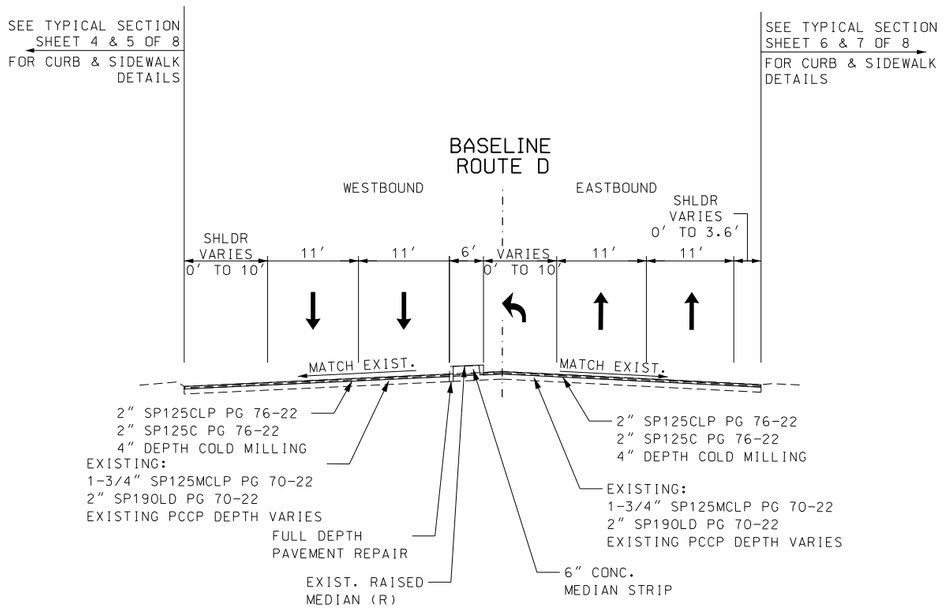
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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ROUTE D

TYPICAL SECTION 13: 6 LANES
LEFT TURN LANE WITH RAISED MEDIAN



ROUTE D

TYPICAL SECTION 14: 5 LANES
LEFT TURN LANE
WITH RAISED MEDIAN

ALIGNMENT	STA TO STA	PAVEMENT LAYOUT
ROUTE D	164+33 TO 166+18	TYPICAL SECTION 1
	166+18 TO 168+89	TYPICAL SECTION 2
	168+89 TO 169+53	TYPICAL SECTION 6
	169+53 TO 171+15	TYPICAL SECTION 3
	171+15 TO 172+22	WATERWORKS ROAD INTERSECTION
	172+22 TO 172+45	TYPICAL SECTION 4
	172+45 TO 174+98	BRIDGE A7109
	174+98 TO 177+04	TYPICAL SECTION 2
	177+04 TO 178+20	TYPICAL SECTION 6
	178+20 TO 179+96	TYPICAL SECTION 8
	179+96 TO 181+00	WALTON ROAD INTERSECTION
	181+00 TO 183+15	TYPICAL SECTION 5
	183+15 TO 185+37	TYPICAL SECTION 6
	185+37 TO 209+90	TYPICAL SECTION 7
	209+90 TO 212+00	TYPICAL SECTION 6
	212+00 TO 214+51	TYPICAL SECTION 8
	214+51 TO 215+81	NORTH & SOUTH ROAD INTERSECTION
	215+81 TO 218+17	TYPICAL SECTION 5
	218+17 TO 229+18	TYPICAL SECTION 9
	229+18 TO 229+75	TYPICAL SECTION 5
	229+75 TO 230+57	TYPICAL SECTION 8
	230+57 TO 231+71	MIDLAND BOULEVARD INTERSECTION
	231+71 TO 233+00	TYPICAL SECTION 10
	233+00 TO 235+08	TYPICAL SECTION 11
	235+08 TO 236+41	N. HANLEY ROAD INTERSECTION
	236+41 TO 238+00	TYPICAL SECTION 13
	238+00 TO 242+94	TYPICAL SECTION 14
	242+94 TO 243+82	LIBERTY AVENUE/ DUSKY DRIVE INTERSECTION
	243+82 TO 244+97	TYPICAL SECTION 4
	244+97 TO 255+97	BRIDGE A3885
	255+97 TO 279+50	TYPICAL SECTION 7

APPLICATION RATES

SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.

TYPICAL SECTIONS
SHEET 3 OF 8
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

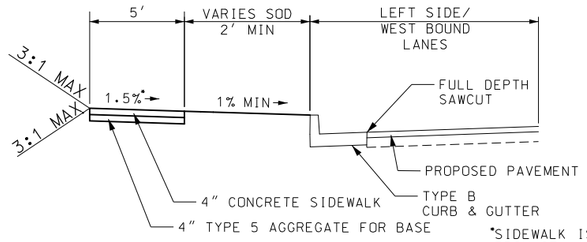
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

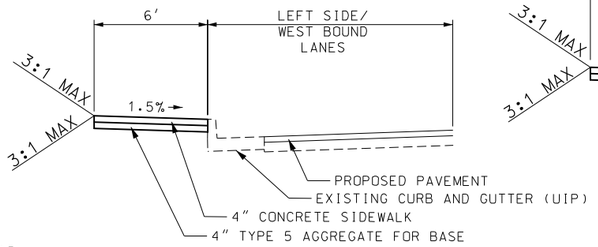
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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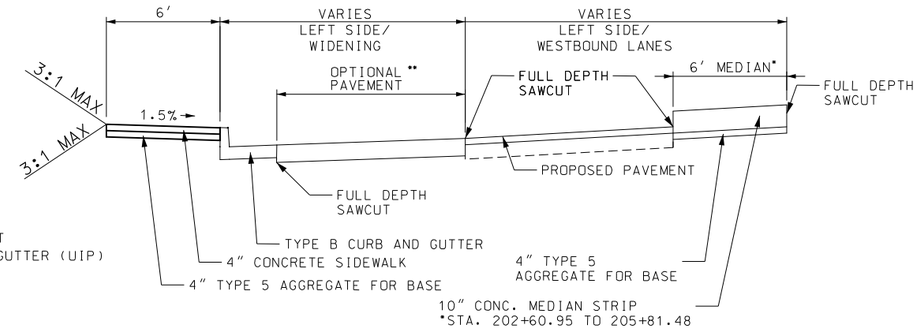


LT END CONDITION 4

*SIDEWALK IS -1.5% GRADE FROM STA 189+70 TO 190+15 FOR LT END CONDITION 4



LT END CONDITION 8



*STA. 202+60.95 TO 205+81.48

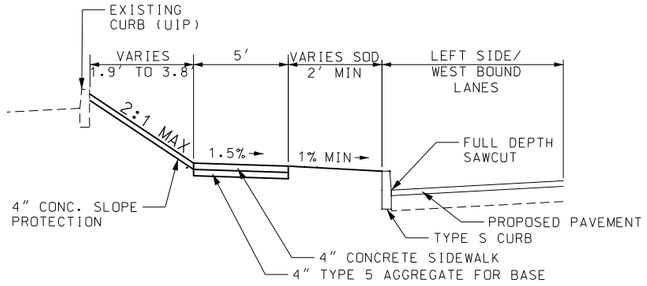
LT END CONDITION 12

**OPTIONAL PAVEMENT

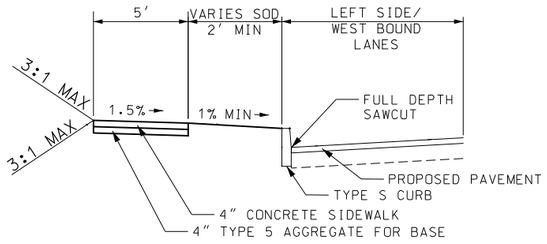
HMA OPTION:

2" SP125CLP W/ PG 76-22
OVER 2" SP125C W/ PG 76-22
OVER 7" SP190C W/ PG 64-22

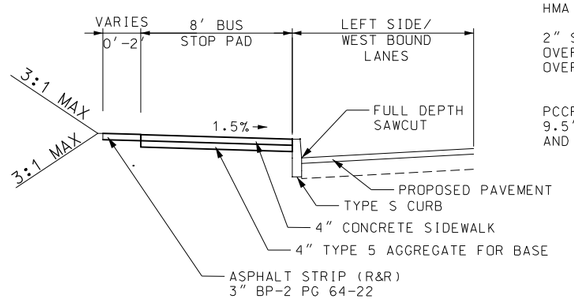
PCCP OPTION:
9.5" PCCP W/ 1.25" DOWELS
AND 15 FT. JOINT SPACING



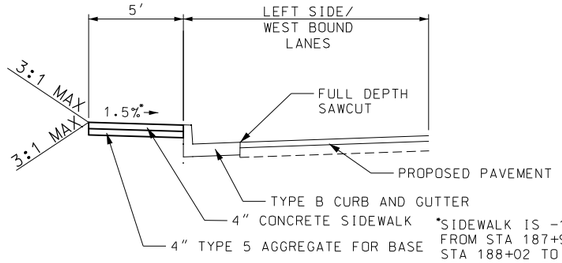
LT END CONDITION 3



LT END CONDITION 7

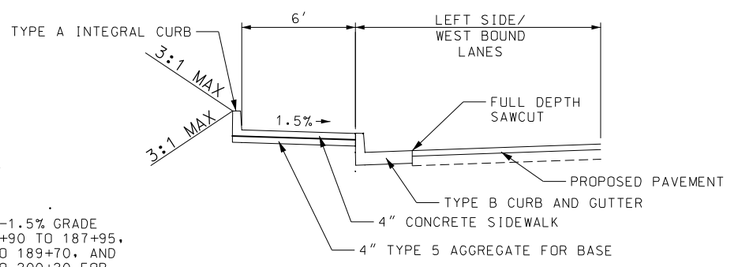


LT END CONDITION 11

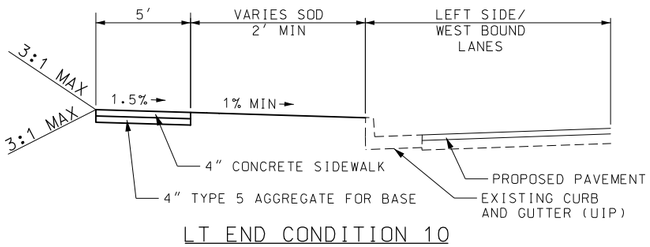


LT END CONDITION 2

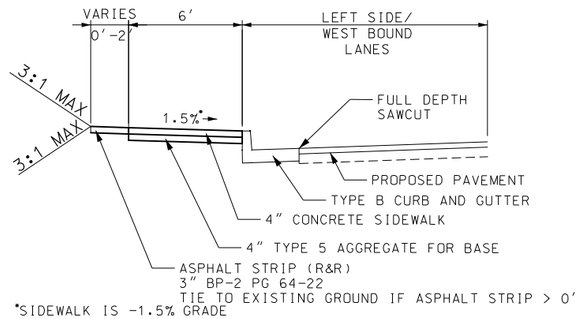
*SIDEWALK IS -1.5% GRADE FROM STA 187+90 TO 187+95, STA 188+02 TO 189+70, AND STA 198+10 TO 200+20 FOR LT END CONDITION 2



LT END CONDITION 6

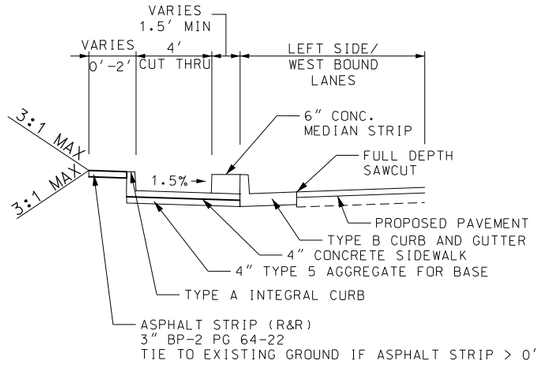


LT END CONDITION 10

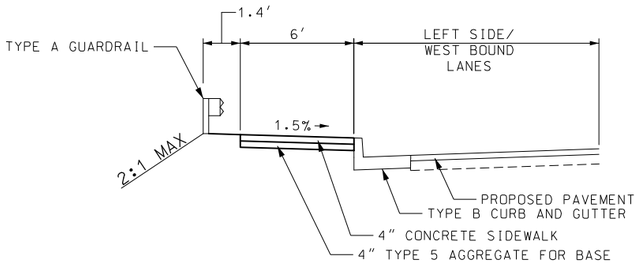


*SIDEWALK IS -1.5% GRADE
FROM STA 186+26 TO 187+08
AND STA 200+20 TO 200+62
FOR LT END CONDITION 1

LT END CONDITION 1



LT END CONDITION 5



LT END CONDITION 9

APPLICATION RATES

SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.

NOTE: SEE ROADWAY PLAN SHEET FOR LOCATION OF ASPHALT STRIP

TYPICAL SECTIONS
SHEET 4 OF 8
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

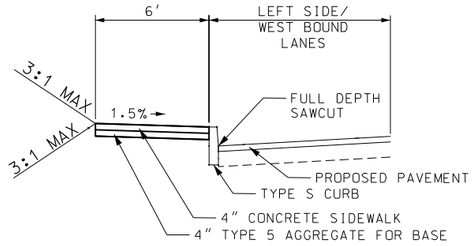
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

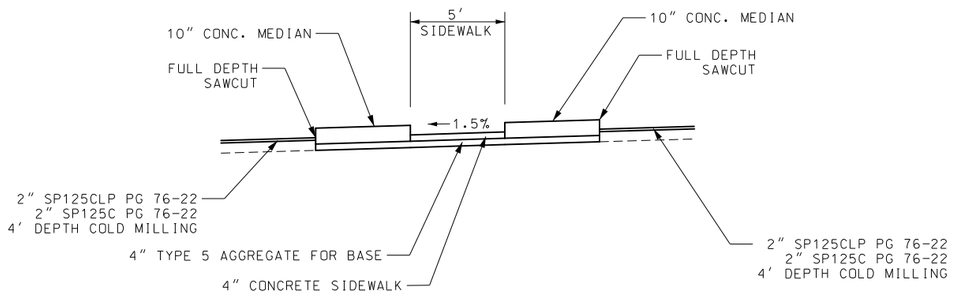
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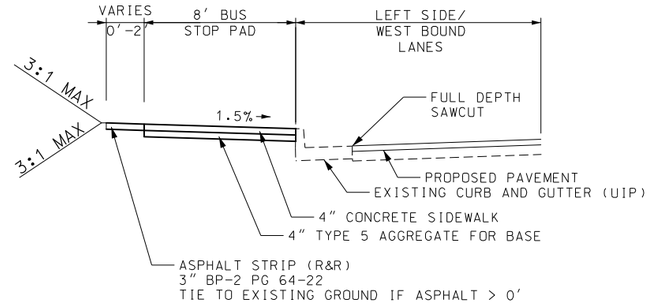
LT END CONDITION 16

APPLICATION RATES

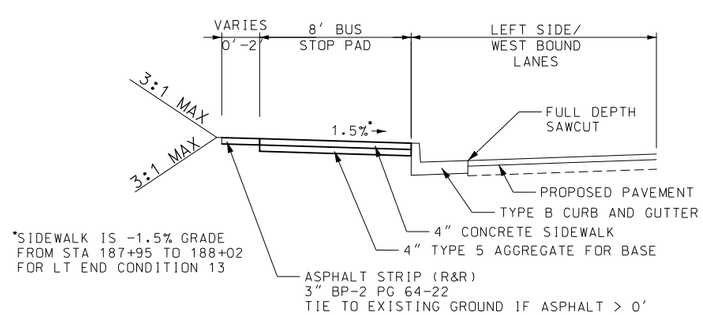
SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.



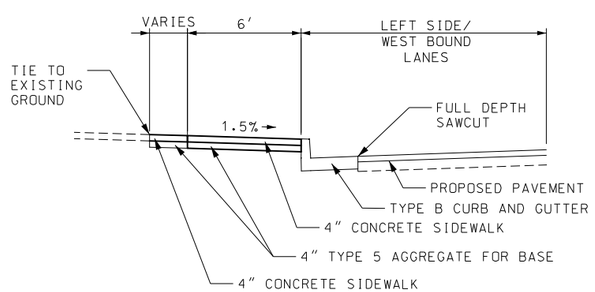
LT END CONDITION 15



LT END CONDITION 14



LT END CONDITION 13



LT END CONDITION 17

ALIGNMENT	STA TO STA	LEFT SIDE END CONDITION
ROUTE D	180+88 TO 187+23	END CONDITION 1
	187+23 TO 187+95	END CONDITION 2
	187+95 TO 188+02	END CONDITION 13
	188+02 TO 189+70	END CONDITION 2
	189+70 TO 191+18	END CONDITION 4
	191+19 TO 191+73	CRYSTAL INDUSTRIAL COURT INTERSECTION
	191+73 TO 192+72	END CONDITION 4
	192+72 TO 196+31	END CONDITION 1
	196+31 TO 200+20	END CONDITION 2
	200+20 TO 202+61	END CONDITION 1
	202+61 TO 204+25	END CONDITION 12
	204+25 TO 204+32	END CONDITION 13
	204+32 TO 205+81	END CONDITION 12
	205+81 TO 208+48	END CONDITION 2
	208+48 TO 210+40	END CONDITION 1
	210+40 TO 211+30	END CONDITION 6
	211+30 TO 213+69	END CONDITION 1
	213+69 TO 213+76	END CONDITION 13
	213+76 TO 214+71	END CONDITION 1
	214+71 TO 215+56	NORTH & SOUTH ROAD INTERSECTION
	215+56 TO 217+67	END CONDITION 1
	217+67 TO 220+35	END CONDITION 4
	220+35 TO 221+31	END CONDITION 1
	221+31 TO 221+54	END CONDITION 5
	221+54 TO 222+00	HARRISON AVENUE INTERSECTION
	222+00 TO 222+81	END CONDITION 1
	222+81 TO 222+88	END CONDITION 13
	222+88 TO 225+20	END CONDITION 1
	225+20 TO 225+68	END CONDITION 5
	225+68 TO 226+91	END CONDITION 1
	226+91 TO 227+17	END CONDITION 5
	227+17 TO 228+38	END CONDITION 1
	228+38 TO 230+17	END CONDITION 4
	230+17 TO 231+40	MIDLAND BOULEVARD INTERSECTION
	230+38 TO 230+67	END CONDITION 15
	231+36 TO 231+58	END CONDITION 15
	231+40 TO 232+12	END CONDITION 6
	232+12 TO 232+85	END CONDITION 1
	232+85 TO 233+00	END CONDITION 5
	233+00 TO 234+98	END CONDITION 1
	234+98 TO 235+73	N. HANLEY ROAD INTERSECTION
	234+94 TO 235+18	END CONDITION 15
	235+73 TO 238+29	END CONDITION 3
	238+29 TO 239+82	END CONDITION 7
	239+82 TO 239+89	END CONDITION 11
	239+89 TO 240+80	END CONDITION 7
	240+80 TO 241+18	RACINE DRIVE INTERSECTION
	241+18 TO 243+28	END CONDITION 7
	243+28 TO 243+65	DUSKY DRIVE INTERSECTION
	243+65 TO 244+09	END CONDITION 1
	244+09 TO 244+99	END CONDITION 9
	244+99 TO 250+79	BRIDGE A3885
	251+38 TO 251+79	END CONDITION 10
	251+79 TO 251+86	END CONDITION 14
	251+86 TO 254+60	END CONDITION 10
	254+60 TO 255+57	END CONDITION 8
	255+57 TO 258+83	END CONDITION 1
	258+83 TO 259+80	END CONDITION 17
	259+80 TO 260+82	END CONDITION 5
	260+82 TO 261+13	END CONDITION 1
	261+13 TO 261+52	END CONDITION 16
	261+52 TO 262+02	END CONDITION 4
	262+02 TO 264+48	END CONDITION 1
	264+48 TO 264+55	END CONDITION 13
	264+55 TO 265+84	END CONDITION 1
	265+84 TO 266+02	END CONDITION 16
	266+02 TO 266+52	END CONDITION 4
	266+52 TO 269+18	END CONDITION 1
	269+18 TO 279+43	END CONDITION 4
	279+43 TO 279+50	END CONDITION 13

TYPICAL SECTIONS
SHEET 5 OF 8
ROUTE D

NOTE: SEE ROADWAY PLAN SHEET FOR LOCATION OF ASPHALT STRIP

002_TS_005_J6S3215_i10.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

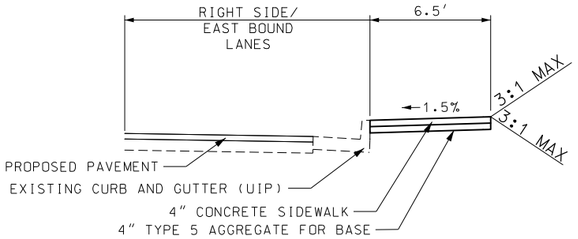
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

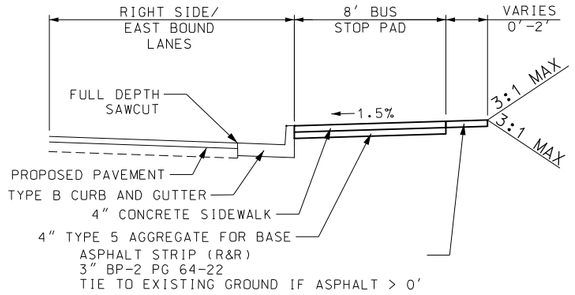
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

APPLICATION RATES

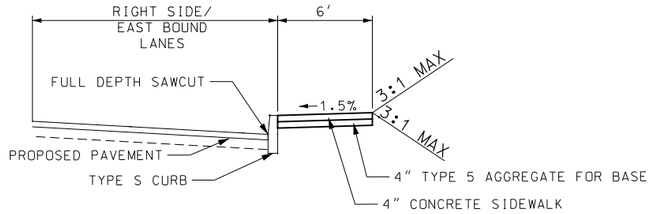
SP125CLP W/PG 76-22	1.927 TON/C.Y.
SP125C W/PG 76-22	1.927 TON/C.Y.
SP190C W/PG 64-22	1.940 TON/C.Y.
BP-2 W/PG 64-22	1.934 TON/C.Y.
TACK COAT (BOTTOM)	0.10 GAL/S.Y.
TACK COAT (LIFT)	0.05 GAL/S.Y.



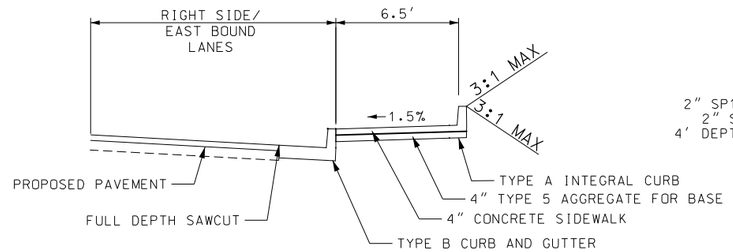
RT END CONDITION 3



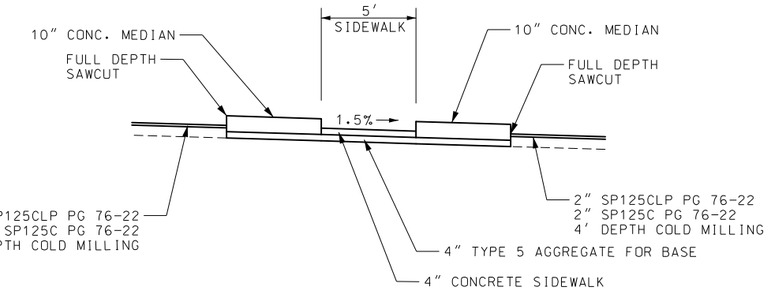
RT END CONDITION 7



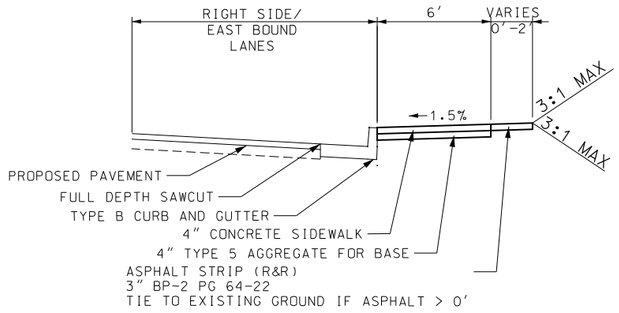
RT END CONDITION 11



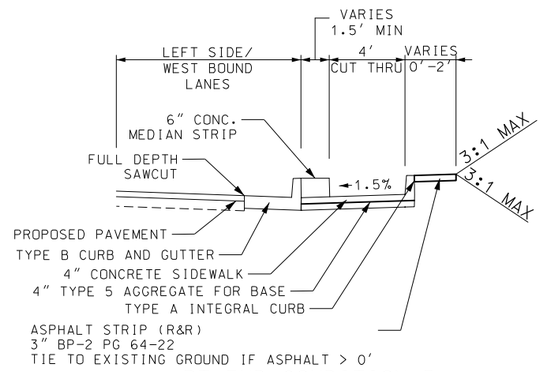
RT END CONDITION 6



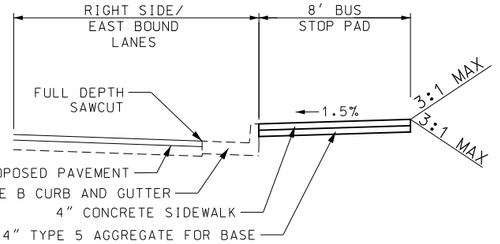
RT END CONDITION 10



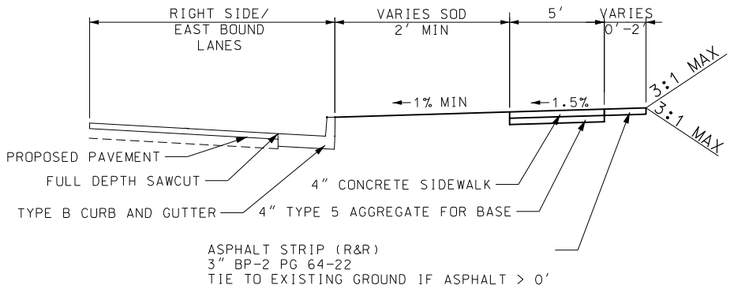
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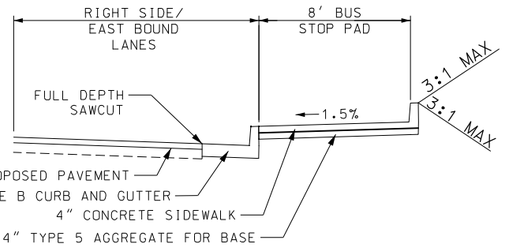
RT END CONDITION 5



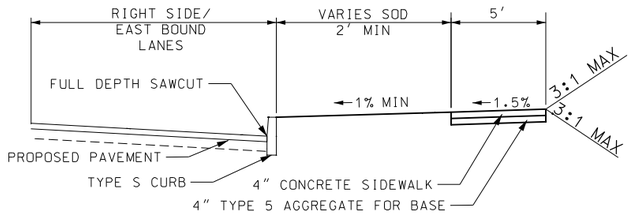
RT END CONDITION 9



RT END CONDITION 1



RT END CONDITION 8



RT END CONDITION 4

NOTE: SEE ROADWAY PLAN SHEET FOR LOCATION OF ASPHALT STRIP

TYPICAL SECTIONS
SHEET 6 OF 8
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

002_TS_006_J6S3215_i10.dgn

ALIGNMENT	STA TO STA	RIGHT SIDE END CONDITION
ROUTE D	180+03 to 180+19	END CONDITION 2
	180+19 TO 180+53	END CONDITION 1
	180+53 TO 180+62	WALTON ROAD INTERSECTION
	180+62 TO 181+48	END CONDITION 1
	181+48 TO 188+29	END CONDITION 2
	188+29 TO 188+36	END CONDITION 7
	188+36 TO 191+98	END CONDITION 2
	191+98 TO 192+43	END CONDITION 5
	192+43 TO 192+95	CRYSTAL COURT INTERSECTION
	192+95 TO 193+67	END CONDITION 2
	193+67 TO 194+00	END CONDITION 5
	194+00 TO 194+72	END CONDITION 2
	194+72 TO 195+04	END CONDITION 5
	195+04 TO 199+89	END CONDITION 2
	199+89 TO 200+37	CAROLYN PARK DRIVE
	200+37 TO 201+65	END CONDITION 5
	201+65 TO 202+45	END CONDITION 2
	202+45 TO 202+98	GULF DRIVE INTERSECTION
	202+98 TO 204+20	END CONDITION 2
	204+20 TO 204+27	END CONDITION 7
	204+27 TO 204+90	END CONDITION 2
	204+90 TO 205+43	ERMES DRIVE INTERSECTION
	205+43 TO 206+29	END CONDITION 2
	206+29 TO 207+95	END CONDITION 5
	207+95 TO 208+50	ATHERTON DRIVE INTERSECTION
	208+50 TO 214+27	END CONDITION 2
	214+27 TO 214+34	END CONDITION 7
	214+34 TO 214+39	END CONDITION 2
	214+39 TO 215+24	END CONDITION 1
	215+24 TO 215+45	NORTH & SOUTH ROAD INTERSECTION
	215+45 TO 215+77	END CONDITION 1
	215+77 TO 219+02	END CONDITION 2
	219+02 TO 219+25	END CONDITION 5
	219+25 to 219+31	END CONDITION 11
	219+31 to 219+73	END CONDITION 5
	219+73 TO 220+91	END CONDITION 2
	220+91 TO 221+86	END CONDITION 5
	221+86 TO 222+41	HARRISON AVENUE INTERSECTION
	222+41 TO 222+70	END CONDITION 2
	222+70 TO 222+77	END CONDITION 8
	228+50 TO 229+15	LAMB AVE
	229+15 TO 229+37	END CONDITION 5
	229+37 TO 230+51	END CONDITION 2
	230+51 to 230+69	END CONDITION 5
	230+69 to 231+03	END CONDITION 2
	231+03 TO 231+80	MIDLAND BOULEVARD INTERSECTION
	231+65 TO 231+83	END CONDITION 10
	231+80 TO 231+92	END CONDITION 4
	231+92 TO 233+22	END CONDITION 1
	233+22 TO 233+29	END CONDITION 7
	233+29 TO 235+06	END CONDITION 1
	235+06 TO 235+20	END CONDITION 11
	235+20 TO 236+33	N. HANLEY ROAD INTERSECTION
	236+33 TO 237+07	END CONDITION 4
	237+07 TO 243+01	END CONDITION 1
	243+01 TO 243+27	END CONDITION 4
	243+27 TO 243+64	LIBERTY AVENUE INTERSECTION
	243+64 TO 243+97	END CONDITION 4
	243+97 TO 246+98	END CONDITION 1
	246+98 TO 250+41	BRIDGE A3885
	250+41 TO 250+67	END CONDITION 2
	250+67 TO 251+35	QUENDO AVENUE INTERSECTION
	251+68 TO 251+83	END CONDITION 3
	251+83 TO 251+90	END CONDITION 9
	252+92 TO 253+16	END CONDITION 3
	254+40 TO 254+62	END CONDITION 3
	256+20 TO 256+43	END CONDITION 3
	256+71 TO 257+27	PURDUE AVENUE INTERSECTION
	257+27 TO 257+48	END CONDITION 11
	257+48 TO 257+74	END CONDITION 2
	257+74 TO 258+03	END CONDITION 11
	258+03 TO 259+32	END CONDITION 2
	259+32 TO 259+41	END CONDITION 11
	259+95 TO 260+13	END CONDITION 3
	260+32 TO 260+88	BRADFORD AVENUE INTERSECTION

ALIGNMENT	STA TO STA	RIGHT SIDE END CONDITION
ROUTE D	260+88 to 261+30	END CONDITION 2
	261+30 TO 261+52	END CONDITION 11
	261+52 TO 262+21	END CONDITION 2
	262+21 TO 262+85	END CONDITION 11
	262+85 TO 264+51	END CONDITION 2
	264+89 to 265+30	FARIS AVENUE INTERSECTION
	269+82 TO 270+22	NIXON AVENUE INTERSECTION
	271+34 TO 271+41	END CONDITION 9
	274+22 TO 274+73	PARTRIDGE AVENUE INTERSECTION
	274+73 TO 275+72	END CONDITION 3
	277+42 TO 277+85	VERL PLACE INTERSECTION
	277+85 TO 278+07	END CONDITION 11
	278+07 TO 278+66	END CONDITION 2
	278+66 TO 279+02	END CONDITION 11
	279+02 TO 279+14	END CONDITION 2
	279+14 TO 279+21	END CONDITION 8
	279+21 TO 279+50	END CONDITION 6

TYPICAL SECTIONS
SHEET 7 OF 8
ROUTE D

002_TS_007_J6S3215_i10.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

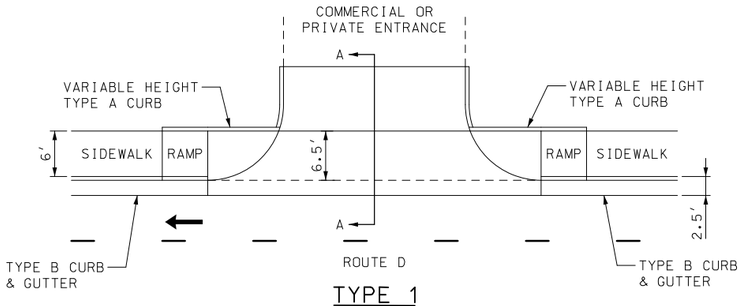
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

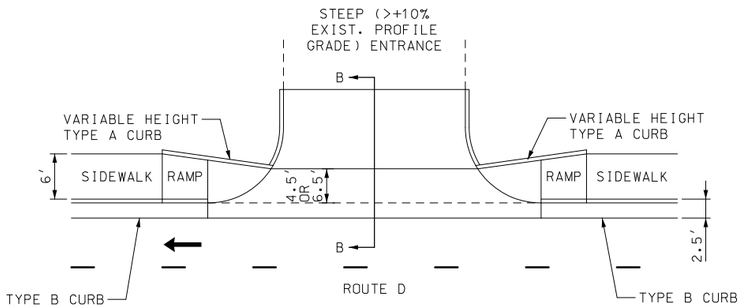
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

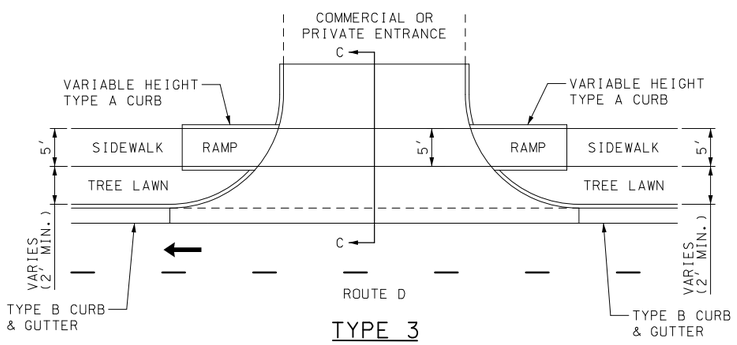
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



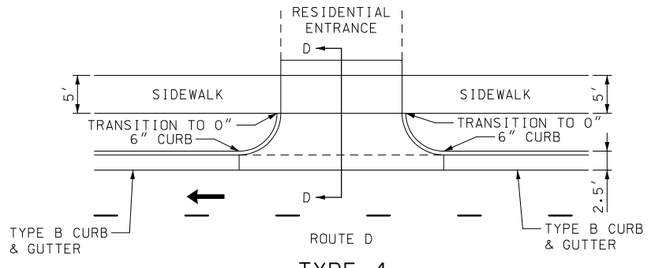
TYPE 1



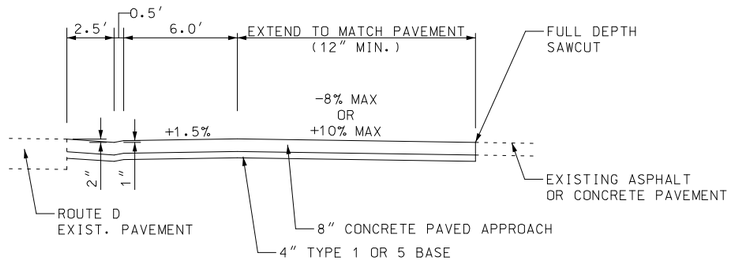
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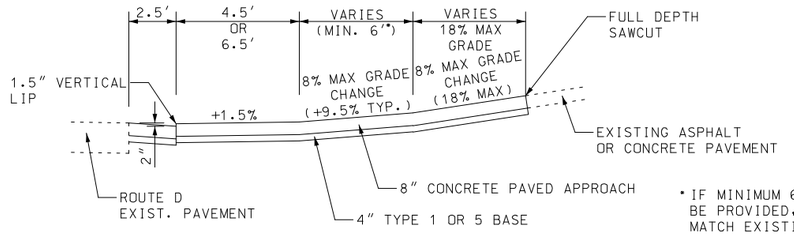
TYPE 3



TYPE 4

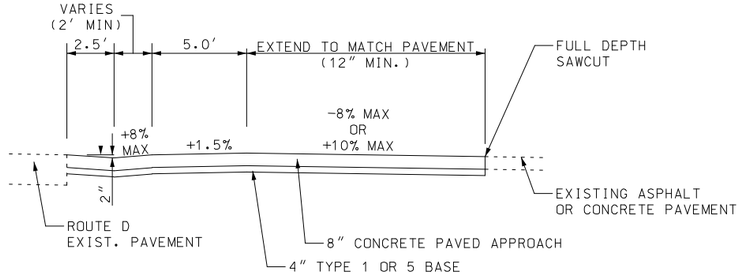


SECTION A-A
(COMMERCIAL OR PRIVATE ENTRANCE
WITH 6' SIDEWALK BEHIND CURB)

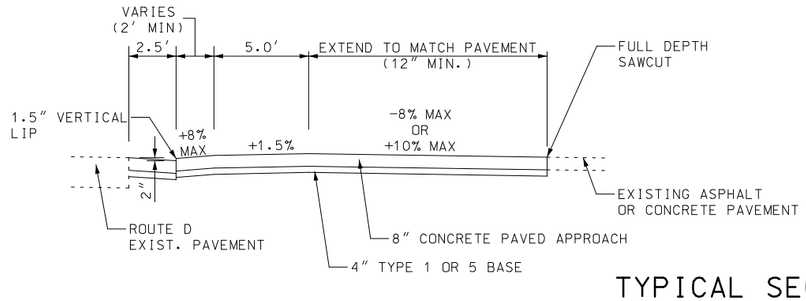


- IF MINIMUM 6' PAVEMENT WIDTH CANNOT BE PROVIDED, EXTEND ENTRANCE TO MATCH EXISTING PAVEMENT ACCORDING TO THE GRADE SHOWN ON THE PLANS.

SECTION B-B
(ENTRANCE WITH STEEP PROFILE
GRADE >+10%)



SECTION C-C
(COMMERCIAL OR PRIVATE ENTRANCE
WITH 5' SIDEWALK AND TREE LAWN)



SECTION D-D
(RESIDENTIAL ENTRANCE WITH
5' SIDEWALK AND TREE LAWN)

TYPICAL SECTIONS
SHEET 8 OF 8
ROUTE D

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

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MODOT J6S3215 - ROUTE D PROJECT

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

002_TS_008_J6S3215_i10.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
VARIES	ROUTE D	VARIES	VARIES	LT/RT	9932				DRIVEWAY SAWCUTS (ESTIMATED)
VARIES	ROUTE D	VARIES	VARIES	LT/RT	1862				MEDIAN/ISLAND SAWCUTS (ESTIMATED)
VARIES	ROUTE D	VARIES	VARIES	LT/RT	7914				CURB SAWCUTS (ESTIMATED)
VARIES	ROUTE D	VARIES	VARIES	LT/RT	6022				SIDEWALK SAWCUTS (ESTIMATED)
VARIES	ROUTE D	VARIES	VARIES	LT/RT					PAVEMENT/SHOULDER SAWCUTS (ESTIMATED)
SIGN/1	ROUTE D	164+80		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	164+87		LT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	166+15		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	167+20		LT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	168+09		LT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	168+20		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	168+78		LT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	168+93		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	169+55		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	171+07		LT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	171+14		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	171+37		RT				1	SIGN, POST, & FOUNDATION
SIGN/1	ROUTE D	171+39		LT				1	SIGN, POST, & FOUNDATION
SIGN/2	ROUTE D	171+87		RT				1	SIGN, POST, & FOUNDATION
SIGN/2	ROUTE D	172+06		LT				1	SIGN, POST, & FOUNDATION
4	ROUTE D	175+02.00	175+64.56	LT		731.64	81.29		PAVEMENT REMOVAL
SIGN/2	ROUTE D	176+92		RT				1	SIGN, POST, & FOUNDATION
SIGN/2	ROUTE D	177+06		LT				1	SIGN, POST, & FOUNDATION
SIGN/2	ROUTE D	179+51		LT				1	SIGN, POST, & FOUNDATION
5	ROUTE D	179+96.98	18025.28			345.65	38.41		MEDIAN REMOVAL
SIGN/2	ROUTE D	179+99		LT				1	SIGN, POST, & FOUNDATION
5	ROUTE D	180+02.60	180+57.70	RT		511.96	56.88		PAVEMENT REMOVAL
5	ROUTE D	180+52.93	180+55.20	RT	8.94				CONCRETE CURB
5	ROUTE D	180+58.08	183+00.00	RT		2281.71	253.52		PAVEMENT REMOVAL
5	ROUTE D	180+60.75	181+67.80	LT		361.18	40.13		PAVEMENT REMOVAL
5	ROUTE D	180+64.55	181+02.11	LT	54.16				CONCRETE CURB
SIGN/2	ROUTE D	180+81		RT				1	SIGN, POST, & FOUNDATION
5	ROUTE D	180+97.06	181+48.13	LT		646.03	71.78		PAVED APPROACH REMOVAL
SIGN/2	ROUTE D	181+03		RT				1	SIGN, POST, & FOUNDATION
5	ROUTE D	181+47.41	181+65.16	LT	40.58				CONCRETE CURB
5	ROUTE D	181+63.72	182+30.63	LT		778.83	86.54		PAVED APPROACH REMOVAL
5	ROUTE D	181+92.68	183+00.00	LT		704.08	78.23		PAVEMENT REMOVAL
SIGN/3	ROUTE D	182+26		RT				1	SIGN, POST, & FOUNDATION
5	ROUTE D	182+30.60	182+53.97	LT	24.29				CONCRETE CURB
SIGN/3	ROUTE D	182+45		LT				1	SIGN, POST, & FOUNDATION
5,6	ROUTE D	182+56.60	183+37.23	LT		34.35	3.82		PAVED APPROACH REMOVAL
6	ROUTE D	183+00.00	186+00.00	LT		3290.26	365.58		PAVEMENT REMOVAL
6	ROUTE D	183+00.00	186+00.00	RT		3352.12	372.46		PAVEMENT REMOVAL
SIGN/3	ROUTE D	183+33		RT				1	SIGN, POST, & FOUNDATION
SIGN/3	ROUTE D	183+84		RT				1	SIGN, POST, & FOUNDATION
SIGN/3	ROUTE D	184+05		LT				1	SIGN, POST, & FOUNDATION
6	ROUTE D	184+16.85	184+75.74	RT		305.75	33.97		PAVED APPROACH REMOVAL
6,7	ROUTE D	185+03.47	186+15.31	LT		934.88	103.88		PAVED APPROACH REMOVAL
SIGN/3	ROUTE D	185+93		RT				1	SIGN, POST, & FOUNDATION
7	ROUTE D	186+00.00	191+00.00	LT		5308.76	589.86		PAVEMENT REMOVAL
7	ROUTE D	186+00.00	191+00.00	RT		2647.81	294.20		PAVEMENT REMOVAL
7	ROUTE D	186+27.18	186+84.92	RT		518.16	57.57		PAVED APPROACH REMOVAL
SIGN/3	ROUTE D	186+84		LT				1	SIGN, POST, & FOUNDATION
7	ROUTE D	187+24.32	187+74.98	LT		198.29	22.03		PAVED APPROACH REMOVAL
SIGN/3	ROUTE D	187+54		RT				1	SIGN, POST, & FOUNDATION
	ROUTE D	187+74.17	188+06.19			152.84	16.98		CONCRETE FLUME REMOVAL
7	ROUTE D	188+06.19	189+21.59	RT	116.13				CONCRETE CURB
SIGN/3	ROUTE D	188+84		RT				1	SIGN, POST, & FOUNDATION
7	ROUTE D	189+18.16	189+53.73	RT		332.80	36.98		PAVED APPROACH REMOVAL
7,8	ROUTE D	189+44.32	191+11.52	RT	174.40				CONCRETE CURB
7	ROUTE D	190+11.23	190+33.52	LT	27.02				CONCRETE CURB
7	ROUTE D	190+14.80	191+00.00	LT		716.67	79.63		PAVED APPROACH REMOVAL
7,8	ROUTE D	190+62.48	191+12.19	RT		389.71	43.30		CONCRETE SIDEWALK
7,8	ROUTE D	190+79.56	191+20.90	LT	49.12				CONCRETE CURB
8	ROUTE D	191+00.00	191+83.33	LT		804.49	89.39		PAVED APPROACH REMOVAL
8	ROUTE D	191+00.00	196+00.00	LT		5706.70	634.08		PAVEMENT REMOVAL
8	ROUTE D	191+00.00	196+00.00	RT		1142.80	126.98		PAVEMENT REMOVAL
8	ROUTE D	191+01.68	191+43.34	RT		306.68	34.08		PAVED APPROACH REMOVAL
SIGN/4	ROUTE D	191+19		LT				1	SIGN, POST, & FOUNDATION
8	ROUTE D	191+36.91	191+95.19	RT	64.76				CONCRETE CURB
8	ROUTE D	191+70.05	191+99.93	LT	38.58				CONCRETE CURB
8	ROUTE D	191+88.38	192+22.18	RT		200.99	22.33		PAVED APPROACH REMOVAL

DISCLAIMER

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NOTES:

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QUANTITIES
SHEET 1 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_001_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
8	ROUTE D	191+91.63	192+54.65	LT		693.13	77.01		PAVED APPROACH REMOVAL
SIGN/4	ROUTE D	191+97		LT				1	SIGN, POST, & FOUNDATION
8	ROUTE D	192+02.42	192+05.09	LT	4.26				CONCRETE CURB
8	ROUTE D	192+14.60	192+22.23	RT	8.39				CONCRETE CURB
8	ROUTE D	192+27.47	193+12.72	RT		1003.74	111.53		PAVED APPROACH REMOVAL
8	ROUTE D	192+42.85	192+54.73	LT	19.42				CONCRETE CURB
SIGN/4	ROUTE D	192+44		RT				1	SIGN, POST, & FOUNDATION
8	ROUTE D	192+84.06	193+65.70	RT	91.79				CONCRETE CURB
SIGN/4	ROUTE D	192+89		RT				1	SIGN, POST, & FOUNDATION
SIGN/4	ROUTE D	193+20		RT				1	SIGN, POST, & FOUNDATION
8	ROUTE D	193+55.95	193+89.01	RT		151.47	16.83		PAVED APPROACH REMOVAL
8	ROUTE D	193+80.23	193+96.75	RT	19.42				CONCRETE CURB
8	ROUTE D	193+89.61	194+81.72	RT		1239.91	137.77		PAVED APPROACH REMOVAL
8	ROUTE D	194+12.33	194+56.99	RT	48.01				CONCRETE CURB
8	ROUTE D	194+71.95	194+93.26	RT	28.35				CONCRETE CURB
8	ROUTE D	194+76.14	194+93.98	LT	23.70				CONCRETE CURB
8	ROUTE D	194+85.48	195+17.14	RT		141.48	15.72		PAVED APPROACH REMOVAL
8	ROUTE D	194+85.94	195+32.51	LT		381.22	42.36		PAVED APPROACH REMOVAL
8.9	ROUTE D	195+04.76	196+97.40	RT	195.74				CONCRETE CURB
8	ROUTE D	195+25.20	195+44.94	LT	27.57				CONCRETE CURB
SIGN/4	ROUTE D	195+69		RT				1	SIGN, POST, & FOUNDATION
9	ROUTE D	196+00.00	201+00.00	LT		4720.66	524.52		PAVEMENT REMOVAL
9	ROUTE D	196+00.00	201+00.00	RT		1055.83	117.31		PAVEMENT REMOVAL
9	ROUTE D	196+34.96	197+20.01	LT		398.77	44.31		PAVED APPROACH REMOVAL
9	ROUTE D	196+81.04	197+44.55	RT		588.06	65.34		PAVED APPROACH REMOVAL
SIGN/4	ROUTE D	197+11		LT				1	SIGN, POST, & FOUNDATION
9	ROUTE D	197+25.45	198+61.80	RT	143.06				CONCRETE CURB
SIGN/4	ROUTE D	197+71		RT				1	SIGN, POST, & FOUNDATION
SIGN/4	ROUTE D	197+72		LT				1	SIGN, POST, & FOUNDATION
SIGN/4	ROUTE D	197+88		RT				1	SIGN, POST, & FOUNDATION
9	ROUTE D	198+47.33	200+55.26	RT		2220.44	246.72		PAVED APPROACH REMOVAL
9	ROUTE D	198+66.38	199+58.19	LT	91.81				CONCRETE CURB
9	ROUTE D	198+88.62	198+98.08	RT	12.22				CONCRETE CURB
9	ROUTE D	199+33.25	199+54.59	RT	28.01				CONCRETE CURB
9	ROUTE D	199+76.61	199+93.56	RT	24.51				CONCRETE CURB
9	ROUTE D	200+31.57	200+66.68	RT	42.05				CONCRETE CURB
SIGN/4	ROUTE D	200+34		RT				1	SIGN, POST, & FOUNDATION (RELOC. STREET SIGN)
SIGN/4	ROUTE D	200+53		LT				1	SIGN, POST, & FOUNDATION
9	ROUTE D	200+54.20	200+76.46	LT	34.46				CONCRETE CURB
9,10	ROUTE D	200+58.68	201+44.72	RT		1000.83	111.20		PAVED APPROACH REMOVAL
9,10	ROUTE D	200+69.26	201+11.53	LT		427.40	47.49		PAVED APPROACH REMOVAL
10	ROUTE D	201+00.00	206+00.00	LT		3258.76	362.08		PAVEMENT REMOVAL
10	ROUTE D	201+00.00	206+00.00	RT		1739.70	193.30		PAVEMENT REMOVAL
10	ROUTE D	201+05.71	202+18.53	LT	122.31				CONCRETE CURB
10	ROUTE D	201+06.43	202+22.55	LT		652.95	72.55		CONCRETE SIDEWALK
10	ROUTE D	201+35.54	201+64.44	RT	34.85				CONCRETE CURB
10	ROUTE D	201+56.85	201+96.11	RT		222.48	24.72		PAVED APPROACH REMOVAL
10	ROUTE D	201+90.86	202+44.10	RT	59.07				CONCRETE CURB
SIGN/5	ROUTE D	202+14		LT				1	SIGN, POST, & FOUNDATION
10	ROUTE D	202+22.47	202+50.74	LT		30.9	3.43		PAVED APPROACH REMOVAL
SIGN/5	ROUTE D	202+25		RT				1	SIGN, POST, & FOUNDATION
10	ROUTE D	202+25.93	203+10.05	RT		447.17	49.69		PAVED APPROACH REMOVAL
SIGN/5	ROUTE D	202+95		RT				1	SIGN, POST, & FOUNDATION (RELOC. STREET SIGN)
10	ROUTE D	202+96.99	203+41.32	RT	50.39				CONCRETE CURB
10	ROUTE D	203+31.46	203+88.41	RT		492.30	54.70		PAVED APPROACH REMOVAL
10	ROUTE D	203+35.83	203+43.11	LT	12.57				CONCRETE CURB
10	ROUTE D	203+40.18	203+86.33	LT		306.13	34.01		PAVED APPROACH REMOVAL
10	ROUTE D	203+76.73	204+47.69	RT	90.17				CONCRETE CURB
SIGN/5	ROUTE D	203+80		RT				1	SIGN, POST, & FOUNDATION
10	ROUTE D	203+82.85	204+56.02	LT	84.36				CONCRETE CURB
10	ROUTE D	203+87.75	204+27.75	RT/LT		232.27	25.81		PAVEMENT REMOVAL
10	ROUTE D	204+04.69	204+56.02	LT	57.05				CONCRETE CURB
10	ROUTE D	204+04.69	204+95.29	LT		722.98	80.33		PAVED APPROACH REMOVAL
SIGN/5	ROUTE D	204+01		RT				1	SIGN, POST, & FOUNDATION
SIGN/5	ROUTE D	204+10		LT				1	SIGN, POST, & FOUNDATION
SIGN/5	ROUTE D	204+40		LT				1	SIGN, POST, & FOUNDATION
10	ROUTE D	204+04.69	204+99.72	LT		1004.53	111.61		PAVED APPROACH REMOVAL
10	ROUTE D	204+72.24	204+94.57	RT	27.08				CONCRETE CURB
10,11	ROUTE D	204+82.39	208+62.09	RT		3673.42	408.16		PAVED APPROACH REMOVAL
10	ROUTE D	204+94.90	205+40.14	LT	61.27				CONCRETE CURB
10	ROUTE D	205+32.97	205+78.08	LT		272.99	30.33		PAVED APPROACH REMOVAL
10	ROUTE D	205+42.69	205+94.66	RT	56.15				CONCRETE CURB

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QUANTITIES
SHEET 2 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_002_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
SIGN/5	ROUTE D	205+44		RT				1	SIGN, POST, & FOUNDATION (RELOC. STREET SIGN)
10	ROUTE D	205+71.84	205+85.36	LT	18.01				CONCRETE CURB
SIGN/5	ROUTE D	205+80		LT				1	SIGN, POST, & FOUNDATION
SIGN/5	ROUTE D	205+96		LT				1	SIGN, POST, & FOUNDATION
11	ROUTE D	206+00.00	211+00.00	LT		2636.08	292.90		PAVEMENT REMOVAL
11	ROUTE D	206+00.00	211+00.00	RT		1225.49	136.17		PAVEMENT REMOVAL
11	ROUTE D	206+28.66	206+48.22	RT	24.10				CONCRETE CURB
SIGN/5	ROUTE D	206+88		LT				1	SIGN, POST, & FOUNDATION
11	ROUTE D	206+94.02	207+18.06	RT	28.60				CONCRETE CURB
11	ROUTE D	207+64.89	208+02.62	RT	45.03				CONCRETE CURB
11	ROUTE D	207+81.72	208+48.99	LT	73.36				CONCRETE CURB
11	ROUTE D	208+38.23	209+14.44	LT		638.10	70.90		PAVED APPROACH REMOVAL
SIGN/5	ROUTE D	208+40		RT				1	SIGN, POST, & FOUNDATION
11	ROUTE D	208+42.13	209+95.31	RT	162.79				CONCRETE CURB
11	ROUTE D	208+48.35	209+94.30	RT		956.87	106.32		CONCRETE SIDEWALK
11,12	ROUTE D	208+97.78	212+34.03	LT	346.38				CONCRETE CURB
SIGN/5	ROUTE D	209+38		LT				1	SIGN, POST, & FOUNDATION
11	ROUTE D	209+84.61	210+49.88	RT		804.77	89.42		PAVED APPROACH REMOVAL
11	ROUTE D	210+37.89	210+39.54	RT	3.51				CONCRETE CURB
11,12	ROUTE D	210+38.95	211+20.13	RT		539.42	59.94		CONCRETE SIDEWALK
11,12	ROUTE D	210+43.28	211+20.39	RT	80.53				CONCRETE CURB
SIGN/5	ROUTE D	210+90		LT				1	SIGN, POST, & FOUNDATION
12	ROUTE D	211+00.00	213+00.00	LT		453.18	50.35		PAVEMENT REMOVAL
12	ROUTE D	211+00.00	213+00.00	RT		478.87	53.21		PAVEMENT REMOVAL
SIGN/6	ROUTE D	211+02		RT				1	SIGN, POST, & FOUNDATION
12	ROUTE D	211+05.57	211+76.42	RT		678.16	75.35		PAVED APPROACH REMOVAL
12,13	ROUTE D	211+49.79	213+38.88	RT	196.35				CONCRETE CURB
12,13	ROUTE D	211+76.29	213+30.68	RT		555.77	61.75		CONCRETE SIDEWALK
SIGN/6	ROUTE D	211+87		LT				1	SIGN, POST, & FOUNDATION
12	ROUTE D	211+89.45	212+34.01	LT		323.39	35.93		CONCRETE SIDEWALK
12	ROUTE D	212+24.24	212+72.04	LT		399.38	44.38		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	212+43		RT				1	SIGN, POST, & FOUNDATION
12,13	ROUTE D	212+58.42	214+83.50	LT	252.42				CONCRETE CURB
12,13	ROUTE D	212+59.68	214+90.01	LT		2027.27	225.25		CONCRETE SIDEWALK
13	ROUTE D	213+00.00	214+73.81	LT		415.71	46.19		PAVEMENT REMOVAL
13	ROUTE D	213+00.00	215+26.47	RT		504.01	56.00		PAVEMENT REMOVAL
SIGN/6	ROUTE D	213+10		RT				1	SIGN, POST, & FOUNDATION
13	ROUTE D	213+13.89	213+87.04	RT		544.14	60.46		PAVED APPROACH REMOVAL
12,13	ROUTE D	213+66.03	215+10.92	RT	148.14				CONCRETE CURB
SIGN/6	ROUTE D	214+52		LT				1	SIGN, POST, & FOUNDATION
SIGN/6	ROUTE D	214+59		LT				1	SIGN, POST, & FOUNDATION
13	ROUTE D	214+87.19	214+88.65	LT	13.67				CONCRETE CURB
13	ROUTE D	215+08.34	215+19.11	RT		68.01	7.56		CONCRETE SIDEWALK
13	ROUTE D	215+16.93	215+23.57	RT	20.07				CONCRETE CURB
13	ROUTE D	215+38.75	215+44.28	RT	13.17				CONCRETE CURB
13	ROUTE D	215+43.52	218+00.00	LT		753.44	83.72		PAVEMENT REMOVAL
13	ROUTE D	215+43.60	215+49.26	LT	42.88				CONCRETE CURB
13	ROUTE D	215+43.96	217+25.33	LT		896.95	99.66		CONCRETE SIDEWALK
13	ROUTE D	215+44.60	215+63.04	RT		61.49	6.83		CONCRETE SIDEWALK
13	ROUTE D	215+49.07	215+77.01	RT	34.68				CONCRETE CURB
13	ROUTE D	215+52.89	217+21.75	LT	170.97				CONCRETE CURB
13	ROUTE D	215+54.27	218+00.00	RT		747.70	83.08		PAVEMENT REMOVAL
13	ROUTE D	215+74.72	216+25.28	RT		335.88	37.32		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	215+78		RT				1	SIGN, POST, & FOUNDATION
13	ROUTE D	216+21.35	216+67.30	RT	53.33				CONCRETE CURB
13	ROUTE D	216+44.55	216+55.76	RT		66.23	7.36		CONCRETE SIDEWALK
13	ROUTE D	216+62.35	217+21.92	RT		543.98	60.44		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	216+90		LT				1	SIGN, POST, & FOUNDATION
13	ROUTE D	217+13.57	217+56.36	RT	52.85				CONCRETE CURB
13	ROUTE D	217+22.73	217+53.65	LT		234.08	26.01		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	217+26		RT				1	SIGN, POST, & FOUNDATION
13	ROUTE D	217+49.29	217+91.01	LT		139.64	15.52		CONCRETE SIDEWALK
13	ROUTE D	217+50.52	217+89.51	LT	43.97				CONCRETE CURB
13	ROUTE D	217+51.33	217+92.46	RT		347.09	38.57		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	217+62		RT				1	SIGN, POST, & FOUNDATION
13,14	ROUTE D	217+85.28	218+19.17	LT		254.12	28.24		PAVED APPROACH REMOVAL
13,14	ROUTE D	217+86.48	218+27.48	RT	45.81				CONCRETE CURB
14	ROUTE D	218+00.00	221+00.00	LT		928.94	103.22		PAVEMENT REMOVAL
14	ROUTE D	218+00.00	219+14.54	RT		318.16	35.35		PAVEMENT REMOVAL
14	ROUTE D	218+10.11	218+16.59	RT		36.55	4.06		CONCRETE SIDEWALK
14	ROUTE D	218+14.09	218+51.37	LT		125.63	13.96		CONCRETE SIDEWALK
14	ROUTE D	218+15.43	218+51.06	LT	41.25				CONCRETE CURB

DISCLAIMER

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NOTES:

1. CURB REMOVALS ARE SAWCUT TO SAWCUT.
2. PAVEMENT REMOVALS INCLUDE THE SHOULDER REMOVALS AND PAVED APPROACHES. SHOULDERS ARE CONSIDERED THE AREA FROM THE SAWCUT OUT TO THE EDGE OF PAVEMENT SHOWN ON THE PLAN. PAVED APPROACH REMOVALS ARE CONSIDERED ANYTHING ASSOCIATED WITH THE DRIVEWAYS OUTSIDE OF THE SHOULDERS AND SIDEWALK REMOVALS.

QUANTITIES
SHEET 3 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_003_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
14	ROUTE D	218+19.28	218+54.17	RT		170.18	18.91		PAVED APPROACH REMOVAL
14	ROUTE D	218+46.57	218+76.30	RT	31.20				CONCRETE CURB
14	ROUTE D	218+46.83	218+66.98	LT		147.66	16.41		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	218+51		RT				1	SIGN, POST, & FOUNDATION
14	ROUTE D	218+62.30	219+00.89	LT		151.89	16.88		CONCRETE SIDEWALK
14	ROUTE D	218+62.85	219+00.26	LT	42.55				CONCRETE CURB
14	ROUTE D	218+71.88	219+09.33	RT		234.85	26.09		PAVED APPROACH REMOVAL
14	ROUTE D	218+95.87	219+15.40	LT		122.68	13.63		PAVED APPROACH REMOVAL
14	ROUTE D	219+09.38	219+43.02	RT	37.65				CONCRETE CURB
14	ROUTE D	219+11.41	219+50.78	LT		136.62	15.18		CONCRETE SIDEWALK
14	ROUTE D	219+13.32	219+49.65	LT	42.61				CONCRETE CURB
SIGN/6	ROUTE D	219+23		RT				1	SIGN, POST, & FOUNDATION
14	ROUTE D	219+31.41	221+00.00	RT		462.50	51.39		PAVEMENT REMOVAL
14	ROUTE D	219+34.76	220+10.55	RT		638.28	70.92		PAVED APPROACH REMOVAL
14	ROUTE D	219+43.47	219+67.39	LT		143.50	15.94		PAVED APPROACH REMOVAL
14	ROUTE D	219+60.23	220+08.46	LT		154.36	17.15		CONCRETE SIDEWALK
14,15	ROUTE D	219+61.38	221+03.92	LT	148.42				CONCRETE CURB
14	ROUTE D	219+62.87	219+72.83	RT	14.24				CONCRETE SIDEWALK
14	ROUTE D	220+00.43	220+14.56	RT	25.76				LANDSCAPE WALL
14	ROUTE D	220+02.12	220+76.66	RT	77.72				CONCRETE CURB
14	ROUTE D	220+14.20	220+17.76	RT		27.75	3.08		CONCRETE SIDEWALK
14	ROUTE D	220+18.02	220+38.61	RT	37.25				LANDSCAPE WALL
14,15	ROUTE D	220+24.36	221+03.64	LT		226.84	25.20		CONCRETE SIDEWALK
SIGN/6	ROUTE D	220+37		LT				1	SIGN, POST, & FOUNDATION
SIGN/6	ROUTE D	220+52		RT				1	SIGN, POST, & FOUNDATION
14	ROUTE D	220+68.80	220+97.66	RT		150.33	16.70		PAVED APPROACH REMOVAL
SIGN/6	ROUTE D	220+69		LT				1	SIGN, POST, & FOUNDATION
SIGN/6	ROUTE D	220+94		RT				1	SIGN, POST, & FOUNDATION
14,15	ROUTE D	220+95.31	221+11.28	RT	18.70				CONCRETE CURB
14,15	ROUTE D	220+99.86	221+41.72	LT		386.42	42.94		PAVED APPROACH REMOVAL
15	ROUTE D	221+00.00	221+62.06	LT		269.73	29.97		PAVEMENT REMOVAL
15	ROUTE D	221+00.00	222+77.44	RT		511.28	56.81		PAVEMENT REMOVAL
15	ROUTE D	221+06.04	221+66.38	RT		485.90	53.99		PAVED APPROACH REMOVAL
15	ROUTE D	221+31.18	221+58.30	LT	39.04				CONCRETE CURB
SIGN/7	ROUTE D	221+45		LT				1	POST & FOUNDATION (RELOC. STREET SIGN)
SIGN/7	ROUTE D	221+58		LT				1	SIGN, POST, & FOUNDATION
15	ROUTE D	221+66.69	221+86.75	RT	22.02				CONCRETE CURB
15	ROUTE D	221+71.34	222+54.54	RT		734.19	81.58		PAVED APPROACH REMOVAL
15	ROUTE D	221+91.67	226+00.00	LT		1208.92	134.32		PAVEMENT REMOVAL
15	ROUTE D	221+94.37	223+15.57	LT	136.96				CONCRETE CURB
15	ROUTE D	221+94.64	223+11.45	LT		366.89	40.77		CONCRETE SIDEWALK
SIGN/7	ROUTE D	222+32		RT				1	SIGN, POST, & FOUNDATION
15	ROUTE D	222+35.66	222+77.44	RT	46.61				CONCRETE CURB
SIGN/7	ROUTE D	223+04		LT				1	SIGN, POST, & FOUNDATION
15	ROUTE D	223+09.06	226+00.00	LT		2870.02	318.89		PAVED APPROACH REMOVAL
15	ROUTE D	223+45.11	224+75.30	LT	134.02				CONCRETE CURB
SIGN/7	ROUTE D	224+11		RT				1	SIGN, POST, & FOUNDATION
15	ROUTE D	225+19.65	225+30.37	LT	17.89				CONCRETE CURB
SIGN/7	ROUTE D	225+51		RT				1	SIGN, POST, & FOUNDATION
15	ROUTE D	225+56.51	225+67.08	LT	17.96				CONCRETE CURB
16	ROUTE D	226+00.00	228+50.00	LT		2227.94	247.55		PAVED APPROACH REMOVAL
16	ROUTE D	226+00.00	228+50.00	LT		749.62	83.29		PAVEMENT REMOVAL
16	ROUTE D	226+13.68	226+66.80	LT	56.90				CONCRETE CURB
SIGN/7	ROUTE D	226+79		RT				1	SIGN, POST, & FOUNDATION
16	ROUTE D	226+91.79	227+15.60	LT	27.94				CONCRETE CURB
SIGN/7	ROUTE D	227+08		LT				1	SIGN, POST, & FOUNDATION
SIGN/7	ROUTE D	227+09		LT				1	SIGN, POST, & FOUNDATION
16	ROUTE D	227+57.82	227+96.48	LT	42.27				CONCRETE CURB
16,17	ROUTE D	228+39.65	228+68.25	LT	38.96				CONCRETE CURB
17	ROUTE D	228+50.00	230+32.59	LT		684.67	76.07		PAVEMENT REMOVAL
17	ROUTE D	228+50.18	231+05.01	RT		709.17	78.80		PAVEMENT REMOVAL
17	ROUTE D	228+51.30	228+65.46	RT	15.36				CONCRETE CURB
17	ROUTE D	228+50.18	229+24.04	RT		622.13	69.13		PAVED APPROACH REMOVAL
17	ROUTE D	228+50.00	229+06.64	LT		826.35	91.82		PAVED APPROACH REMOVAL
17	ROUTE D	228+54.69	228+68.41	LT		45.40	5.04		CONCRETE SIDEWALK
DRAIN/17	ROUTE D	228+66		LT				1	COMMERCIAL SIGN BASE
DRAIN/17	ROUTE D	228+69	229+03	LT				1	DRIVEWAY TRENCH DRAIN
17	ROUTE D	229+03.34	229+43.09	LT	66.56				CONCRETE CURB
17	ROUTE D	229+03.73	229+43.16	LT		153.73	17.08		CONCRETE SIDEWALK
SIGN/8	ROUTE D	229+19		RT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	229+19.18	229+36.47	RT	20.80				CONCRETE CURB
SIGN/8	ROUTE D	229+21		RT				1	SIGN, POST, & FOUNDATION

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QUANTITIES
SHEET 4 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
17	ROUTE D	229+32.09	229+81.38	RT		431.40	47.93		PAVED APPROACH REMOVAL
17	ROUTE D	229+33.86	229+81.20	LT		623.03	69.23		PAVED APPROACH REMOVAL
DRAIN/17	ROUTE D	229+43	229+79	LT				1	DRIVEWAY TRENCH DRAIN
DRAIN/17	ROUTE D	229+44		LT				1	POLE
17	ROUTE D	229+76.17	230+11.56	RT	41.37				CONCRETE CURB
17	ROUTE D	229+78.78	230+36.55	LT		464.74	51.64		CONCRETE SIDEWALK
DRAIN/17	ROUTE D	229+79		LT				1	POLE
17	ROUTE D	229+79.75	230+02.64	LT	39.07				CONCRETE CURB
DRAIN/17	ROUTE D	229+83		LT				1	COMMERCIAL SIGN BASE
17	ROUTE D	230+05.68	230+55.32	RT		329.18	36.58		PAVED APPROACH REMOVAL
17	ROUTE D	230+10.83	230+30.44	LT	79.34				CONCRETE CURB
SIGN/8	ROUTE D	230+26		LT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	230+37.20	230+67.83	LT		470.14	52.24		ISLAND
17	ROUTE D	230+37.58	230+67.53	LT		19.55	2.17		PAVEMENT REMOVAL - ISLAND
17	ROUTE D	230+51.07	231+02.76	RT	69.82				CONCRETE CURB
17	ROUTE D	230+51.35	231+03.26	RT		451.02	50.11		CONCRETE SIDEWALK
17	ROUTE D	230+57.50	230+74.92	LT		69.08	7.68		ISLAND
SIGN/8	ROUTE D	230+58		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	230+96		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	231+02		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	231+31		RT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	231+35.76	231+57.81	LT		73.04	8.12		PAVEMENT REMOVAL - ISLAND
17	ROUTE D	231+36.49	231+52.53	LT		118.43	13.16		ISLAND
17	ROUTE D	231+37.40	233+50.00	LT		575.61	63.96		PAVEMENT REMOVAL
17	ROUTE D	231+39.73	232+11.92	LT	88.27				CONCRETE CURB
17	ROUTE D	231+40.08	232+10.09	LT		371.69	41.30		CONCRETE SIDEWALK
SIGN/8	ROUTE D	231+43		RT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	231+64.82	231+85.05	RT		68.96	7.66		PAVEMENT REMOVAL - ISLAND
SIGN/8	ROUTE D	231+65		LT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	231+65.43	231+80.92	RT		151.39	16.82		ISLAND
SIGN/8	ROUTE D	231+68		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	231+71		RT				1	SIGN, POST, & FOUNDATION
17,18	ROUTE D	231+72.84	235+03.56	LT/RT		1377.12	153.01		ISLAND
17	ROUTE D	231+72.89	233+50.00	RT/LT		449.99	50.00		PAVEMENT REMOVAL - MEDIAN
SIGN/8	ROUTE D	231+75		RT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	231+80.21	231+94.41	RT	50.51				CONCRETE CURB
17,18	ROUTE D	231+85.50	233+56.36	RT		853.41	94.82		CONCRETE SIDEWALK
SIGN/8	ROUTE D	231+87		RT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	231+89.70	233+50.00	RT		415.22	46.14		PAVEMENT REMOVAL
17	ROUTE D	232+00.57	232+52.39	RT	60.22				CONCRETE CURB
17	ROUTE D	232+05.37	233+49.60	LT		1592.98	177.00		PAVED APPROACH REMOVAL
DRAIN/17	ROUTE D	232+12		LT				1	COMMERCIAL SIGN BASE
SIGN/8	ROUTE D	232+16		LT				1	SIGN, POST, & FOUNDATION
17	ROUTE D	232+27.59	232+83.53	RT		371.54	41.28		PAVED APPROACH REMOVAL
17	ROUTE D	232+40.07	232+55.30	LT		70.61	7.85		CONCRETE SIDEWALK
17	ROUTE D	232+42.82	232+45.40	LT	2.91				CONCRETE CURB
17	ROUTE D	232+50.54	232+55.89	LT	12.15				CONCRETE CURB
17,18	ROUTE D	232+81.55	233+57.08	RT	84.75				CONCRETE CURB
17	ROUTE D	232+84.47	232+99.98	LT	27.46				CONCRETE CURB
17	ROUTE D	232+84.89	232+99.55	LT		102.18	11.35		CONCRETE SIDEWALK
DRAIN/17	ROUTE D	232+94		LT				1	COMMERCIAL SIGN
SIGN/8	ROUTE D	233+00		RT				1	SIGN, POST, & FOUNDATION
17,18	ROUTE D	233+39.52	233+66.46	LT	32.97				CONCRETE CURB
17,18	ROUTE D	233+40.08	233+71.65	LT		128.19	14.24		CONCRETE SIDEWALK
18	ROUTE D	233+50.00	235+05.52	LT		363.40	40.38		PAVEMENT REMOVAL
18	ROUTE D	233+50.00	235+19.37	RT		571.57	63.51		PAVEMENT REMOVAL
18	ROUTE D	233+50.00	235+14.86	RT/LT		675.14	75.02		PAVEMENT REMOVAL - MEDIAN
18	ROUTE D	233+52.79	235+10.82	RT		1122.45	124.72		PAVED APPROACH REMOVAL
18	ROUTE D	233+61.75	234+27.29	LT		557.74	61.97		PAVED APPROACH REMOVAL
18	ROUTE D	233+63.32	233+71.25	LT	12.37				CONCRETE CURB
SIGN/8	ROUTE D	233+68		LT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	234+07.82	234+46.08	RT	47.57				CONCRETE CURB
18	ROUTE D	234+08.14	234+45.55	RT		208.03	23.11		CONCRETE SIDEWALK
18	ROUTE D	234+17.87	234+24.55	LT	9.78				CONCRETE CURB
18	ROUTE D	234+18.84	235+02.65	LT		487.10	54.12		CONCRETE SIDEWALK
18	ROUTE D	234+25.95	235+03.07	LT	99.18				CONCRETE CURB
18	ROUTE D	234+90.37	235+19.70	RT		387.27	43.03		CONCRETE SIDEWALK
18	ROUTE D	234+91.15	234+94.68	RT	4.20				CONCRETE CURB
SIGN/8	ROUTE D	234+92		LT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	234+94.28	235+17.77	LT		3.14	0.35		PAVEMENT REMOVAL - ISLAND
18	ROUTE D	234+94.67	235+17.73	LT		373.94	41.55		ISLAND
18	ROUTE D	235+09.44	235+20.09	RT	31.61				CONCRETE CURB

DISCLAIMER

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NOTES:

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QUANTITIES
SHEET 5 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_005_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
SIGN/8	ROUTE D	235+12		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	235+15		LT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	235+43.20	235+47.36	RT		18.69	2.08		ISLAND
SIGN/8	ROUTE D	235+45		RT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	235+71.64	236+60.91	LT	132.69				CONCRETE CURB
18	ROUTE D	235+72.57	236+64.86	LT		809.41	89.93		CONCRETE SIDEWALK
18	ROUTE D	235+72.57	235+72.57	LT		9.89			PAVEMENT REMOVAL
18	ROUTE D	235+84.04	236+06.25	LT/RT		204.47	22.72		ISLAND
18	ROUTE D	235+84.87	236+07.82	RT/LT		11.30	1.26		PAVEMENT REMOVAL - ISLAND
SIGN/8	ROUTE D	236+06		LT				1	SIGN, POST, & FOUNDATION
SIGN/8	ROUTE D	236+08		RT				1	SIGN, POST, & FOUNDATION
18,19,20	ROUTE D	236+29.83	243+26.18	RT		3221.95	357.99		CONCRETE SIDEWALK
SIGN/8	ROUTE D	236+39		RT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	236+39.02	236+59.68	RT	74.86				CONCRETE CURB
SIGN/8	ROUTE D	236+44		LT				1	SIGN, POST, & FOUNDATION
18	ROUTE D	237+07.58	238+00.00	RT		305.45	33.94		PAVEMENT REMOVAL
18	ROUTE D	236+52.71	236+97.10	LT		372.06	41.34		PAVED APPROACH REMOVAL
18	ROUTE D	236+55.17	236+65.42	LT	12.56				CONCRETE CURB
18,19	ROUTE D	236+58.24	238+16.12	RT		1363.42	151.49		PAVED APPROACH REMOVAL
18,19	ROUTE D	236+89.31	238+29.42	LT		913.27	101.47		CONCRETE SIDEWALK
18	ROUTE D	236+89.32	237+00.43	LT	11.12				CONCRETE CURB
18,19	ROUTE D	236+94.66	238+21.09	LT	142.22				CONCRETE CURB
18	ROUTE D	236+96.61	237+25.20	RT	32.68				CONCRETE CURB
18	ROUTE D	237+68.80	237+93.23	RT	27.11				CONCRETE CURB
SIGN/8	ROUTE D	237+69		LT				1	SIGN, POST, & FOUNDATION
18,19	ROUTE D	237+97.94	240+51.37	LT/RT		1031.75	114.64		ISLAND
19	ROUTE D	238+00.00	242+00.00	RT		1191.92	132.44		PAVEMENT REMOVAL
19	ROUTE D	238+00.00	240+51.36	RT/LT		375.82	41.76		PAVEMENT REMOVAL - MEDIAN
SIGN/9	ROUTE D	238+07		LT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	238+13.72	238+31.40	RT	19.59				CONCRETE CURB
19	ROUTE D	238+15.20	238+90.92	LT		58.33	6.48		PAVEMENT REMOVAL
19	ROUTE D	238+19.81	238+90.92	LT		675.88	75.10		PAVED APPROACH REMOVAL
19	ROUTE D	238+21.18	238+29.57	LT	10.45				CONCRETE CURB
19	ROUTE D	238+29.20	238+53.62	RT		134.96	15.00		PAVED APPROACH REMOVAL
19	ROUTE D	238+51.01	238+67.12	RT	17.08				CONCRETE CURB
19	ROUTE D	238+66.93	238+87.91	RT		127.65	14.18		PAVED APPROACH REMOVAL
19	ROUTE D	238+76.57	240+79.05	LT		800.46	88.94		CONCRETE SIDEWALK
19	ROUTE D	238+76.57	238+82.15	LT	5.64				CONCRETE CURB
19	ROUTE D	238+83.73	239+09.64	RT	31.32				CONCRETE CURB
19	ROUTE D	238+84.74	240+71.08	LT	201.39				CONCRETE CURB
19	ROUTE D	239+00.99	239+26.95	RT		142.22	15.80		PAVED APPROACH REMOVAL
19	ROUTE D	239+23.45	239+42.19	RT	20.94				CONCRETE CURB
19	ROUTE D	239+23.45	239+42.19	RT	32.98				CONCRETE CURB
19	ROUTE D	239+37.95	239+64.88	RT		142.97	15.89		PAVED APPROACH REMOVAL
19	ROUTE D	239+58.32	239+81.12	RT	24.77				CONCRETE CURB
SIGN/9	ROUTE D	239+72		LT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	239+76.00	240+02.34	RT		151.34	16.82		PAVED APPROACH REMOVAL
19	ROUTE D	239+99.10	240+20.90	RT	27.37				CONCRETE CURB
SIGN/9	ROUTE D	240+08		RT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	240+12.54	240+40.20	RT		154.07	17.12		PAVED APPROACH REMOVAL
19	ROUTE D	240+31.82	240+56.05	RT	32.98				CONCRETE CURB
SIGN/9	ROUTE D	240+45		LT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	240+49.47	240+74.27	RT		159.94	17.77		PAVED APPROACH REMOVAL
19	ROUTE D	240+59.31	241+39.80	LT		38.40	4.27		PAVEMENT REMOVAL
19	ROUTE D	240+64.73	241+40.90	LT		595.13	66.13		PAVED APPROACH REMOVAL
19	ROUTE D	240+71.89	240+92.08	RT	24.16				CONCRETE CURB
19	ROUTE D	240+73.00	240+79.95	LT	7.28				CONCRETE CURB
SIGN/9	ROUTE D	240+77		LT				1	SIGN, POST, & FOUNDATION
SIGN/9	ROUTE D	240+81		RT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	240+85.19	241+12.40	RT		162.18	18.02		PAVED APPROACH REMOVAL
19	ROUTE D	241+09.82	241+30.64	RT	24.30				CONCRETE CURB
19	ROUTE D	241+17.42	241+22.89	LT	6.04				CONCRETE CURB
19,20	ROUTE D	241+18.12	243+28.12	LT		752.89	83.65		CONCRETE SIDEWALK
19	ROUTE D	241+24.03	241+49.63	RT		145.18	16.13		PAVED APPROACH REMOVAL
19,20	ROUTE D	241+25.55	243+19.06	LT	217.40				CONCRETE CURB
19	ROUTE D	241+31.30	242+00.00	LT		129.90	14.43		PAVEMENT REMOVAL - MEDIAN
19,20	ROUTE D	241+31.31	242+93.38	LT		656.71	72.97		ISLAND
SIGN/9	ROUTE D	241+34		LT				1	SIGN, POST, & FOUNDATION
19	ROUTE D	241+46.71	241+67.64	RT	25.10				CONCRETE CURB
19	ROUTE D	241+64.64	241+84.79	RT		128.17	14.24		PAVED APPROACH REMOVAL
19,20	ROUTE D	241+82.62	242+05.71	RT	27.30				CONCRETE CURB
20	ROUTE D	242+00.00	242+93.39	LT		178.25	19.81		PAVEMENT REMOVAL - MEDIAN

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QUANTITIES
SHEET 6 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_006_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
20	ROUTE D	242+00.00	243+01.46	RT		305.10	33.90		PAVEMENT REMOVAL
20	ROUTE D	242+01.00	242+20.32	RT		114.88	12.76		PAVED APPROACH REMOVAL
20	ROUTE D	242+26.39	242+39.60	RT	13.93				CONCRETE CURB
20	ROUTE D	242+38.20	242+58.97	RT		111.45	12.38		PAVED APPROACH REMOVAL
20	ROUTE D	242+59.03	243+29.21	RT	78.16				CONCRETE CURB
SIGN/9	ROUTE D	242+83		RT				1	SIGN, POST, & FOUNDATION
SIGN/9	ROUTE D	242+91		LT				1	SIGN, POST, & FOUNDATION
20	ROUTE D	243+18.35	243+29.54	LT	12.67				CONCRETE CURB
SIGN/9	ROUTE D	243+26		LT				1	SIGN, POST, & FOUNDATION
20	ROUTE D	243+62.60	244+99.17	LT	143.92				CONCRETE CURB
20	ROUTE D	243+63.81	244+06.84	RT	52.17				CONCRETE CURB
SIGN/9	ROUTE D	243+65		RT				1	SIGN, POST, & FOUNDATION
20,21	ROUTE D	243+65.17	246+48.90	RT		1183.60	131.51		CONCRETE SIDEWALK
SIGN/9	ROUTE D	243+87		RT				1	SIGN, POST, & FOUNDATION
SIGN/9	ROUTE D	244+00		LT				1	SIGN, POST, & FOUNDATION
20	ROUTE D	244+08.71	244+97.30	LT	88.59				GUARDRAIL REMOVAL
20	ROUTE D	243+97.28	245+05.61	RT		400.50	44.50		PAVEMENT REMOVAL
20	ROUTE D	244+03.91	244+25.90	RT		122.66	13.63		PAVED APPROACH REMOVAL
20	ROUTE D	244+30.12	244+38.10	RT	8.17				CONCRETE CURB
20	ROUTE D	244+38.45	244+60.70	RT		121.21	13.47		PAVED APPROACH REMOVAL
20	ROUTE D	244+64.22	244+79.52	RT	17.49				CONCRETE CURB
20	ROUTE D	244+74.02	244+98.98	RT		146.75	16.31		PAVED APPROACH REMOVAL
20	ROUTE D	244+97.99	245+05.61	RT	8.20				CONCRETE CURB
20	ROUTE D	245+11.33	245+18.89	RT	8.51				CONCRETE CURB
20	ROUTE D	245+11.33	245+43.74	RT		102.18	11.35		PAVEMENT REMOVAL
20	ROUTE D	245+14.53	245+41.77	RT		157.38	17.49		PAVED APPROACH REMOVAL
20	ROUTE D	245+34.46	245+43.78	RT	11.85				CONCRETE CURB
20	ROUTE D	243+59.81	244+99.17	LT		391.80	43.53		PAVEMENT REMOVAL
20	ROUTE D	245+49.13	245+61.79	RT	17.74				CONCRETE CURB
20	ROUTE D	245+49.13	245+85.59	RT		106.57	11.84		PAVEMENT REMOVAL
20	ROUTE D	245+53.91	245+82.87	RT		164.94	18.33		PAVED APPROACH REMOVAL
20	ROUTE D	245+72.92	245+85.59	RT	17.49				CONCRETE CURB
21	ROUTE D	246+38.72	246+45.67	RT	7.80				CONCRETE CURB
21	ROUTE D	246+38.72	246+83.49	RT		124.58	13.84		PAVEMENT REMOVAL
21	ROUTE D	246+41.10	246+81.53	RT		407.92	45.32		PAVED APPROACH REMOVAL
21	ROUTE D	246+73.13	246+97.78	RT		87.40	9.71		CONCRETE SIDEWALK
21	ROUTE D	246+75.34	246+83.49	RT	9.25				CONCRETE CURB
SIGN/10	ROUTE D	247+03		RT				1	SIGN, POST, & FOUNDATION
SIGN/10	ROUTE D	247+49		LT				1	SIGN, POST, & FOUNDATION
SIGN/10	ROUTE D	248+67		LT				1	SIGN, POST, & FOUNDATION
21	ROUTE D	250+40.54	250+66.52	RT		167.38	18.60		CONCRETE SIDEWALK
21	ROUTE D	250+40.55	250+67.55	RT	31.40				CONCRETE CURB
21	ROUTE D	250+40.56	250+69.62	RT		75.32	8.37		PAVEMENT REMOVAL
21	ROUTE D	250+69.43	251+00.00	LT		67.33	7.48		PAVEMENT REMOVAL
21	ROUTE D	250+69.66	250+75.03	LT	6.63				CONCRETE CURB
21,22	ROUTE D	250+70.16	251+42.02	LT		544.12	60.46		PAVED APPROACH REMOVAL
21	ROUTE D	250+79.11	250+79.50	LT	1.25				CONCRETE CURB
22	ROUTE D	251+00.00	251+42.02	LT		94.68	10.52		PAVEMENT REMOVAL
SIGN/11	ROUTE D	251+32		RT				1	SIGN, POST, & FOUNDATION
22	ROUTE D	251+37.44	252+28.15	LT		299.13	33.24		CONCRETE SIDEWALK
22	ROUTE D	251+37.60	251+42.02	LT	6.41				CONCRETE CURB
SIGN/11	ROUTE D	251+63		LT				1	SIGN, POST, & FOUNDATION
22	ROUTE D	251+68.42	251+90.38	RT		132.08	14.68		CONCRETE SIDEWALK
SIGN/11	ROUTE D	251+91		RT				1	SIGN, POST, & FOUNDATION
22	ROUTE D	252+25.14	253+23.64	LT		242.66	26.96		PAVEMENT REMOVAL
22	ROUTE D	252+25.15	252+27.63	LT	4.33				CONCRETE CURB
22	ROUTE D	252+25.34	252+84.05	LT		505.76	56.20		PAVED APPROACH REMOVAL
22	ROUTE D	252+26.40	252+27.87	LT	3.42				CONCRETE CURB
22	ROUTE D	252+75.44	252+76.24	LT	1.64				CONCRETE CURB
22	ROUTE D	252+76.82	252+91.84	LT		45.65	5.07		CONCRETE SIDEWALK
22	ROUTE D	252+79.42	252+88.87	LT	12.14				CONCRETE CURB
22	ROUTE D	252+84.57	253+23.65	LT		302.37	33.60		PAVED APPROACH REMOVAL
22	ROUTE D	252+92.12	252+93.18	LT	2.02				CONCRETE CURB
22	ROUTE D	252+92.43	253+15.52	RT		124.36	13.82		CONCRETE SIDEWALK
22	ROUTE D	253+19.34	253+96.12	LT		297.86	33.10		CONCRETE SIDEWALK
22	ROUTE D	253+19.51	253+20.70	LT	2.48				CONCRETE CURB
22	ROUTE D	253+20.09	253+23.65	LT	5.24				CONCRETE CURB
22	ROUTE D	253+90.46	253+95.08	LT	5.62				CONCRETE CURB
22	ROUTE D	253+90.49	254+29.82	LT		289.78	32.20		PAVED APPROACH REMOVAL
22	ROUTE D	253+90.49	254+29.82	LT		98.32	10.92		PAVEMENT REMOVAL
22	ROUTE D	253+94.85	253+95.97	LT	2.65				CONCRETE CURB
22	ROUTE D	254+24.22	254+61.01	LT		146.79	16.31		CONCRETE SIDEWALK

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QUANTITIES
SHEET 7 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_007_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS

PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
22	ROUTE D	254+24.28	254+24.29	LT			0.38		CONCRETE CURB
22	ROUTE D	254+25.53	254+29.85	LT	5.73				CONCRETE CURB
22	ROUTE D	254+40.38	254+62.33	RT		131.44	14.60		CONCRETE SIDEWALK
22	ROUTE D	254+55.93	255+03.22	LT		123.62	13.74		PAVEMENT REMOVAL
22	ROUTE D	254+55.94	254+60.05	LT	5.48				CONCRETE CURB
22	ROUTE D	254+56.81	255+03.31	LT		365.73	40.64		PAVED APPROACH REMOVAL
22	ROUTE D	254+60.65	254+60.67	LT	0.64				CONCRETE CURB
22	ROUTE D	254+97.46	254+97.55	LT	1.21				CONCRETE CURB
22	ROUTE D	254+97.55	255+03.25	LT	6.07				CONCRETE CURB
22	ROUTE D	254+97.60	255+57.39	LT		233.43	25.94		CONCRETE SIDEWALK
SIGN/11	ROUTE D	255+45		RT				1	SIGN, POST, & FOUNDATION
22	ROUTE D	255+48.55	256+00.00	LT		111.93	12.44		PAVEMENT REMOVAL
22	ROUTE D	255+48.73	255+54.46	LT	6.22				CONCRETE CURB
22	ROUTE D	255+49.58	256+00.00	LT		393.18	43.69		PAVED APPROACH REMOVAL
22,23	ROUTE D	255+88.62	256+23.55	LT	37.65				CONCRETE CURB
23	ROUTE D	256+00.00	261+00.00	LT		4414.35	490.48		PAVED APPROACH REMOVAL
23	ROUTE D	256+00.00	261+00.00	LT		1425.83	158.43		PAVEMENT REMOVAL
23	ROUTE D	256+19.00	256+42.50	RT		125.57	13.95		CONCRETE SIDEWALK
23	ROUTE D	256+53.59	257+06.92	LT	57.73				CONCRETE CURB
SIGN/11	ROUTE D	257+25		RT				1	SIGN, POST, & FOUNDATION
23	ROUTE D	257+26.51	257+41.22	RT	15.01				CONCRETE CURB
23	ROUTE D	257+27.43	259+41.50	RT		1273.93	141.55		CONCRETE SIDEWALK
23	ROUTE D	257+37.00	259+37.85	RT	205.47				CONCRETE CURB
23	ROUTE D	257+45.35	257+74.29	RT		68.20	7.58		PAVEMENT REMOVAL
23	ROUTE D	257+50.40	258+34.82	LT	88.89				CONCRETE CURB
23	ROUTE D	258+03.13	259+31.84	RT		334.50	37.17		PAVEMENT REMOVAL
23	ROUTE D	258+83.56	259+57.96	LT	78.35				CONCRETE CURB
23	ROUTE D	259+76.09	259+98.15	LT	26.21				CONCRETE CURB
23	ROUTE D	259+94.90	260+13.40	RT		112.58	12.51		CONCRETE SIDEWALK
23	ROUTE D	260+09.08	260+13.40	LT	4.32				CONCRETE CURB
23	ROUTE D	260+32.54	260+40.67	LT	15.38				CONCRETE CURB
23,24	ROUTE D	260+82.54	262+30.96	LT	160.50				CONCRETE CURB
23	ROUTE D	260+84.96	261+00.00	RT		75.53	8.39		PAVEMENT REMOVAL
23,24	ROUTE D	260+87.43	262+28.34	RT	161.68				CONCRETE CURB
SIGN/11	ROUTE D	260+94		RT				1	SIGN, POST, & FOUNDATION
24	ROUTE D	261+00.00	262+73.16	LT		1559.39	173.27		PAVED APPROACH REMOVAL
24	ROUTE D	261+00.00	261+15.14	LT		32.79	3.64		PAVEMENT REMOVAL
24	ROUTE D	261+00.00	261+33.85	RT		75.67	8.41		PAVEMENT REMOVAL
24	ROUTE D	261+51.50	265+26.61	LT		900.86	100.10		PAVEMENT REMOVAL
24	ROUTE D	261+51.97	262+36.57	RT		196.80	21.87		PAVEMENT REMOVAL
SIGN/12	ROUTE D	261+62		RT				1	SIGN, POST, & FOUNDATION
24	ROUTE D	262+64.23	263+55.06	LT	95.19				CONCRETE CURB
24	ROUTE D	262+66.40	263+54.84	LT		410.92	45.66		CONCRETE SIDEWALK
24	ROUTE D	262+70.61	264+50.75	RT		1124.10	124.90		CONCRETE SIDEWALK
24	ROUTE D	262+79.89	264+50.76	RT	173.25				CONCRETE CURB
24	ROUTE D	262+85.14	264+50.76	RT		455.27	50.59		PAVEMENT REMOVAL
24	ROUTE D	263+48.50	265+69.03	LT		1907.48	211.94		PAVED APPROACH REMOVAL
24	ROUTE D	263+95.70	265+02.42	LT	108.70				CONCRETE CURB
SIGN/12	ROUTE D	265+34		RT				1	SIGN, POST, & FOUNDATION
24,25,26	ROUTE D	265+53.40	272+10.29	LT	667.68				CONCRETE CURB
24,25,26	ROUTE D	265+64.45	272+10.10	LT		3898.36	433.15		CONCRETE SIDEWALK
25	ROUTE D	266+01.61	271+00.00	LT		1143.09	127.01		PAVEMENT REMOVAL
SIGN/12	ROUTE D	266+92		LT				1	SIGN, POST, & FOUNDATION
SIGN/12	ROUTE D	270+17		RT				1	SIGN, POST, & FOUNDATION
26	ROUTE D	271+00.00	272+18.37	LT		263.10	29.23		PAVEMENT REMOVAL
26	ROUTE D	271+33.67	271+40.67	RT		45.03	5.00		CONCRETE SIDEWALK
26	ROUTE D	271+98.84	273+34.83	LT		1982.13	220.24		PAVED APPROACH REMOVAL
26	ROUTE D	273+24.92	275+09.14	LT	195.45				CONCRETE CURB
26	ROUTE D	273+49.70	275+43.07	LT		456.66	50.74		PAVEMENT REMOVAL
26	ROUTE D	273+51.03	274+94.04	LT		670.72	74.52		CONCRETE SIDEWALK
SIGN/13	ROUTE D	274+71		RT				1	SIGN, POST, & FOUNDATION
26	ROUTE D	274+72.98	274+78.37	RT	7.93				CONCRETE CURB
26	ROUTE D	274+74.31	275+72.31	RT		575.01	63.89		CONCRETE SIDEWALK
26	ROUTE D	274+85.14	274+96.87	RT	12.07				CONCRETE CURB
26	ROUTE D	275+01.59	275+36.75	LT		263.89	29.32		PAVED APPROACH REMOVAL
SIGN/13	ROUTE D	275+02		RT				1	SIGN, POST, & FOUNDATION
26,27	ROUTE D	275+26.08	278+71.21	LT	362.69				CONCRETE CURB
26	ROUTE D	275+60.21	276+00.00	LT		100.63	11.18		PAVEMENT REMOVAL
26,27	ROUTE D	275+61.47	278+65.61	LT		1519.27	168.81		CONCRETE SIDEWALK
27	ROUTE D	276+00.00	279+50.00	LT		719.88	79.99		PAVEMENT REMOVAL
SIGN/13	ROUTE D	277+83		RT				1	SIGN, POST, & FOUNDATION
27	ROUTE D	277+84.98	278+69.79	RT	87.94				CONCRETE CURB

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NOTES:

1. CURB REMOVALS ARE SAWCUT TO SAWCUT.
2. PAVEMENT REMOVALS INCLUDE THE SHOULDER REMOVALS AND PAVED APPROACHES. SHOULDERS ARE CONSIDERED THE AREA FROM THE SAWCUT OUT TO THE EDGE OF PAVEMENT SHOWN ON THE PLAN. PAVED APPROACH REMOVALS ARE CONSIDERED ANYTHING ASSOCIATED WITH THE DRIVEWAYS OUTSIDE OF THE SHOULDERS AND SIDEWALK REMOVALS.

QUANTITIES
SHEET 8 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_008_J6S3215_i1.dgn

REMOVAL OF IMPROVEMENTS									
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH (LF)	AREA (SF)	AREA (SY)	EACH	DESCRIPTION OF REMOVAL
27	ROUTE D	277+86.25	278+76.69	RT		539.51	59.95		CONCRETE SIDEWALK
SIGN/13	ROUTE D	277+90		RT				1	POST & FOUNDATION (RELOC. STREET SIGN)
27	ROUTE D	277+91.21	278+02.78	RT	13.22				CONCRETE CURB
27	ROUTE D	278+07.26	278+66.43	RT		154.96	17.22		PAVEMENT REMOVAL
SIGN/13	ROUTE D	278+21		RT				1	SIGN, POST, & FOUNDATION
27	ROUTE D	278+58.24	279+18.42	LT		652.58	72.51		PAVED APPROACH REMOVAL
27	ROUTE D	278+91.92	279+50.00	RT		345.84	38.43		CONCRETE SIDEWALK
27	ROUTE D	278+98.10	279+50.00	RT	52.01				CONCRETE CURB
27	ROUTE D	278+98.27	279+50.00	LT	60.11				CONCRETE CURB
27	ROUTE D	279+01.61	279+50.00	RT		128.91	14.32		PAVEMENT REMOVAL
27	ROUTE D	279+04.92	279+50.00	LT		219.55	24.39		CONCRETE SIDEWALK
			TOTAL CURB REMOVAL				10278	LF	
			TOTAL SIDEWALK REMOVAL				3537	SY	
			TOTAL MEDIAN/ISLAND REMOVAL				497	SY	
			TOTAL PAVEMENT REMOVAL (SHOULDER/PAVED APPROACH)				12247	SY	
			SIGN REMOVAL				137	EA	
			PAY TOTAL				1	LS	

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NOTES:

1. CURB REMOVALS ARE SAWCUT TO SAWCUT.
2. PAVEMENT REMOVALS INCLUDE THE SHOULDER REMOVALS AND PAVED APPROACHES. SHOULDERS ARE CONSIDERED THE AREA FROM THE SAWCUT OUT TO THE EDGE OF PAVEMENT SHOWN ON THE PLAN. PAVED APPROACH REMOVALS ARE CONSIDERED ANYTHING ASSOCIATED WITH THE DRIVEWAYS OUTSIDE OF THE SHOULDERS AND SIDEWALK REMOVALS.

QUANTITIES
SHEET 9 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PAVEMENT MARKING															
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
1	ROUTE D	164+33	165+17	WB LANE DIVIDE, 14.3' LT		84									
1	ROUTE D	164+33	165+17	WB LANE DIVIDE, 25.8' LT		84									
1	ROUTE D	164+33	165+17	WB LANE DIVIDE, 38.1' LT		84									
1	ROUTE D	164+33	167+96	WB OUTER, 50' LT		365									
1	ROUTE D	165+17	171+17	WB LANE DIVIDE, 25.8' LT		446									INTERMITTENT
1	ROUTE D	164+33	171+17	CENTERLINE LT	681										
1	ROUTE D	164+33	171+17	CENTERLINE RT	683										
1	ROUTE D	164+33	166+06	EB LANE DIVIDE, 34' RT		129									DASHED
1	ROUTE D	164+33	168+90	EB LANE DIVIDE, 23' RT		342									INTERMITTENT
1	ROUTE D	164+33	171+33	EB OUTER, 45.8' RT		744									
1	ROUTE D	166+18	168+90	CENTERLINE LT	272										
1	ROUTE D	166+18	168+85	CENTERLINE RT	268										
1	ROUTE D	168+63	168+79	WB OUTER, 17.7' LT		16									
1	ROUTE D	168+90	171+33	EB LANE DIVIDE, 24' RT		230									
1	ROUTE D	169+79	170+81	WB OUTER, 24' LT		106									
1	ROUTE D	170+15	171+33	EB LANE DIVIDE, 13.6' RT		100									
1	ROUTE D	170+33	170+41	EB LANE, 5.5' RT							1				
1	ROUTE D	171+18	171+32	WEST STOP BAR						10					
1	ROUTE D	171+33	171+35	WEST STOP BAR						22					
1	ROUTE D	171+39	171+50	WEST CROSSWALK										14	
1	ROUTE D	171+17	171+45	NW ISLAND		41									
2	ROUTE D	171+84	172+05	NE ISLAND		39									
2	ROUTE D	172+02	172+05	EAST STOP BAR						24					
2	ROUTE D	172+19	172+22	EAST STOP BAR						11					
2	ROUTE D	172+04	172+46	WB, 15.9' LT		42									
2	ROUTE D	172+04	172+46	WB, 4.9' LT		42									
2	ROUTE D	171+83	172+15	EB OUTER, 30.5' RT		32									
2	ROUTE D	172+22	172+46	EB, 7.6' RT	47										
2	ROUTE D	174+98	177+02	EB, 6.9' RT	205										
2	ROUTE D	174+98	180+00	EB, 7.7' RT	504										
2	ROUTE D	174+98	177+02	WB, 4.2' LT	202										
2	ROUTE D	174+98	180+00	WB, 2.5' LT	501										
2	ROUTE D	174+98	179+35	WB OUTER, 28.3' LT		423									
2	ROUTE D	174+98	180+25	EB OUTER, 30.1' RT		540									
2	ROUTE D	174+98	180+00	WB LANE DIVIDE, 16.5' LT		369									INTERMITTENT
2	ROUTE D	172+22	172+46	EB, 19.2' RT		18									INTERMITTENT
2	ROUTE D	174+98	178+94	EB, 17.5' RT		405									INTERMITTENT
2	ROUTE D	178+94	179+95	EB, 7.5' RT		101									
2	ROUTE D	178+94	179+95	EB, 18.5' RT		101									
2	ROUTE D	179+12	179+20	CENTERLINE							1				
2	ROUTE D	179+95	179+97	WEST STOP BAR						32					
2	ROUTE D	180+50	180+72	NORTH STOP BAR						24					
2	ROUTE D	180+54	180+62	SOUTH CROSSWALK										6	
2	ROUTE D	180+72	180+58	SOUTH STOP BAR						12					
2	ROUTE D	180+71	180+72	EB, 60' RT	16										

QUANTITIES
SHEET 10 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN REVIEWED, SIGNED AND DATED TO COMPLY WITH 20 CSR 2030-3.060

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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PAVEMENT MARKING														
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
2	ROUTE D	180+72	180+73	WB, 69' LT	8										
2	ROUTE D	180+87	180+88	EAST CROSSWALK										14	
2	ROUTE D	180+91	182+00	EB, 30' RT		110									
2	ROUTE D	181+08	182+00	EB, 18.9' RT		69									INTERMITTENT
2	ROUTE D	181+98	181+00	EAST STOP BAR						32					
2	ROUTE D	181+00	182+00	EB, 1.5' RT	100										
2	ROUTE D	181+00	182+00	EB, 7.5' RT	100										
2	ROUTE D	181+00	182+00	WB, 8.8' LT		100									
2	ROUTE D	181+00	182+00	WB, 19.8' LT		100									
2	ROUTE D	181+29	181+37	CENTERLINE							1				
2	ROUTE D	180+98	182+00	WB, 30.8' LT		102									
3	ROUTE D	182+00	191+00	WB, 30.9' LT		900									
3	ROUTE D	182+00	191+00	EB, 29.7' RT		903									
3	ROUTE D	182+00	182+15	WB, 19.8' LT		15									
3	ROUTE D	182+00	182+15	WB, 8.9' LT		15									
3	ROUTE D	182+00	191+00	WB CENTERLINE	901										
3	ROUTE D	182+00	191+00	EB CENTERLINE	900										
3	ROUTE D	185+17	185+05	WB CENTERLINE	90										
3	ROUTE D	185+17	185+05	EB CENTERLINE	88										
3	ROUTE D	188+10	188+19	CENTERLINE										10	
3	ROUTE D	188+02	188+04	EAST STOP BAR						23					
3	ROUTE D	188+25	188+27	WEST STOP BAR						24					
3	ROUTE D	182+00	191+00	WB, 19.2' LT		442									INTERMITTENT
3	ROUTE D	182+00	191+00	EB, 18.7' RT		453									INTERMITTENT
4	ROUTE D	191+87	201+00	WB OUTER, 30.9' LT		921									
4	ROUTE D	191+00	192+25	EB OUTER, 29.7' RT		121									
4	ROUTE D	193+14	199+84	EB OUTER, 23.6' RT		660									
4	ROUTE D	200+53	201+00	EB OUTER, 23.6' RT		47									
4	ROUTE D	191+00	201+00	WB LANE DIVIDE, 11.5' LT		753									INTERMITTENT
4	ROUTE D	191+00	201+00	EB LANE DIVIDE, 12.6' RT		746									INTERMITTENT
4	ROUTE D	191+00	201+00	WB CENTERLINE	1000										
4	ROUTE D	191+00	201+00	EB CENTERLINE	1000										
5	ROUTE D	201+00	211+00	WB OUTER, 24.5' LT		1000									
5	ROUTE D	201+42	201+23	EB OUTER, 23.8' RT		128									
5	ROUTE D	203+14	204+85	EB OUTER, 23.8' RT		171									
5	ROUTE D	205+57	209+79	EB OUTER, 24.1' RT		222									
5	ROUTE D	208+65	211+00	EB OUTER, 24.1' RT		235									
5	ROUTE D	201+00	211+00	WB LANE DIVIDE, 12.1' LT		750									INTERMITTENT
5	ROUTE D	201+00	211+00	EB LANE DIVIDE, 11.7' RT		750									INTERMITTENT
5	ROUTE D	201+00	211+00	WB CENTERLINE	1000										
5	ROUTE D	201+00	211+00	EB CENTERLINE	1000										
5	ROUTE D	202+51	203+88	WB CENTERLINE	124										
5	ROUTE D	202+51	203+88	EB CENTERLINE	124										
5	ROUTE D	204+28	205+51	WB CENTERLINE	124										
5	ROUTE D	204+28	205+51	EB CENTERLINE	124										

QUANTITIES
SHEET 11 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET ARE AUTHENTIC

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_011_J6S3215_i1.dgn

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PAVEMENT MARKING															
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
5	ROUTE D	204+03	204+12	CENTERLINE										10	
5	ROUTE D	204+41	204+43	WB, 2.2' LT									18		
5	ROUTE D	203+79	203+81	EB, 5.6' RT									17		
6	ROUTE D	211+00	214+68	WB OUTER, 26.3' LT		366									
6	ROUTE D	211+00	215+04	EB OUTER, 29.8' RT		405									
6	ROUTE D	231+66	213+74	EB TURN LANE, 5.5' RT							1				
6	ROUTE D	211+00	214+51	WB INNER, 2.6' LT	354										PLUS DOUBLE LINE
6	ROUTE D	211+00	214+51	EB INNER, 4' RT	354										PLUS DOUBLE LINE
6	ROUTE D	211+00	214+51	WB, 15.3' LT		260									INTERMITTENT
6	ROUTE D	211+00	213+16	EB, 16.5' RT		157									INTERMITTENT
6	ROUTE D	213+16	214+51	EB, 9' RT		136									
6	ROUTE D	213+16	214+51	EB, 20.9' RT		136									
6	ROUTE D	214+51	214+53	WEST STOP BAR						34					
6	ROUTE D	214+57	214+58	WEST CROSSWALK										13	
6	ROUTE D	214+72	215+53	WB, 18.1' LT		58									DASHED
6	ROUTE D	214+76	215+55	EB, 20.4' RT		67									DASHED
6	ROUTE D	214+90	215+05	NORTH STOP BAR						19					
6	ROUTE D	214+92	215+41	NORTH CROSSWALK										6	
6	ROUTE D	214+95	214+96	WB, 75' LT				4							
6	ROUTE D	215+03	215+07	WB, 78.0' LT					7.0						
6	ROUTE D	215+24	215+25	EB, 58.3' RT					31.0						
6	ROUTE D	215+28	215+28	EB, 60.5' RT				16							
6	ROUTE D	215+24	215+38	SOUTH CROSSWALK										7	
6	ROUTE D	215+24	215+35	SOUTH STOP BAR						16					
6	ROUTE D	215+63	215+63	CENTERLINE										13	
6	ROUTE D	215+74	215+76	EAST STOP BAR						33					
6	ROUTE D	215+68	221+00	WB, 30.5' LT		532									
6	ROUTE D	215+66	221+00	EB, 31.6' RT		531									
6	ROUTE D	215+81	216+93	WB, 17.5' LT		115									
6	ROUTE D	215+81	216+93	WB, 6.5' LT		115									
6	ROUTE D	215+52	216+59	CENTERLINE							1				
6	ROUTE D	215+76	221+00	EB CENTERLINE	524										
6	ROUTE D	215+76	221+00	WB CENTERLINE	525										
6	ROUTE D	217+68	218+14	EB CENTERLINE	48										
6	ROUTE D	217+68	218+14	WB CENTERLINE	46										
6	ROUTE D	218+14	221+00	EB CENTERLINE	215										INTERMITTENT
6	ROUTE D	218+14	221+00	WB CENTERLINE	215										INTERMITTENT
6	ROUTE D	219+17	218+25	CENTERLINE							1				
6	ROUTE D	219+32	219+40	CENTERLINE							1				
6	ROUTE D	216+93	221+00	WB, 17.5' LT		305									INTERMITTENT
6	ROUTE D	215+76	221+00	EB, 19.6' RT		393									INTERMITTENT
7	ROUTE D	221+00	221+32	WB, 29.7' LT		32									
7	ROUTE D	222+21	228+00	WB, 29.7' LT		579									
7	ROUTE D	221+00	221+70	EB, 31.5' LT		70									
7	ROUTE D	222+58	228+00	EB, 31.5' LT		542									

QUANTITIES
SHEET 12 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL/STAMP MAY BE DIGITAL. BE SURE TO VERIFY THE SEAL/STAMP IS VALID AND DATED BEFORE USING THE DOCUMENT.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_012_J6S3215_i1.dgn

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PAVEMENT MARKING														
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
7	ROUTE D	221+00	228+00	WB, 17.9' LT		525									INTERMITTENT
7	ROUTE D	221+00	228+00	EB, 19.1' LT		525									INTERMITTENT
7	ROUTE D	221+00	228+00	WB, 5.7' LT	700										
7	ROUTE D	221+00	228+00	EB, 6.2' LT	700										
7	ROUTE D	221+00	228+00	WB, 5.7' LT	525										INTERMITTENT
7	ROUTE D	221+00	228+00	EB, 6.2' LT	525										INTERMITTENT
7	ROUTE D	223+16	223+24	CENTERLINE							1				
7	ROUTE D	223+30	223+38	CENTERLINE							1				
7	ROUTE D	227+25	227+33	CENTERLINE							1				
7	ROUTE D	227+40	227+48	CENTERLINE							1				
8	ROUTE D	228+00	229+89	WB OUTER, 29.9' LT		189									
8	ROUTE D	230+29	230+72	NW ISLAND		132									
8	ROUTE D	230+42	230+77	WB, 48.2' LT				75							
8	ROUTE D	230+51	230+89	WB, 48.0' LT				81							
8	ROUTE D	230+58	230+67	WB, 110' LT							1				
8	ROUTE D	230+60	231+00	WB, 47.9' LT					87.0						
8	ROUTE D	230+60	230+91	WB, 68.3' LT					65.0						
8	ROUTE D	230+63	230+95	WB, 70.3' LT					65.0						
8	ROUTE D	230+64	231+07	WB, 49.3' LT					89.0						
8	ROUTE D	230+76	231+19	WB, 52' LT				67							INTERMITTENT
8	ROUTE D	230+32	230+46	SB TO WB TURN LANE										3	
8	ROUTE D	230+72	231+34	NORTH CROSSWALK										14	
8	ROUTE D	230+41	230+53	SB TO WB TURN LANE									11		
8	ROUTE D	230+64	231+00	NORTH STOP BAR						36					
8	ROUTE D	228+00	230+58	WB, 17.9' LT		193									INTERMITTENT
8	ROUTE D	228+00	229+72	EB, 18.3' LT		129									INTERMITTENT
8	ROUTE D	228+00	228+60	WB, 5.7' LT	105										SY & IY
8	ROUTE D	228+00	228+60	EB, 6.2' RT	105										SY & IY
8	ROUTE D	229+12	229+48	WB, 6.3' LT		36									
8	ROUTE D	229+32	229+40	CENTERLINE							1				
8	ROUTE D	229+96	230+04	CENTERLINE							1				
8	ROUTE D	229+18	230+58	RT CENTERLINE	141										
8	ROUTE D	229+18	230+58	LT CENTERLINE	141										
8	ROUTE D	228+00	230+76	EB, 31.0' RT		276									
8	ROUTE D	229+96	230+56	EB, 8.1' RT		60									
8	ROUTE D	229+72	230+56	EB, 19.0' RT		84									
8	ROUTE D	230+56	230+58	WEST STOP BAR						33					
8	ROUTE D	230+58	230+75	WEST CROSSWALK										13	
8	ROUTE D	230+98	231+26	WB, 65.7' LT				48							DASHED
8	ROUTE D	231+04	231+61	SOUTH CROSSWALK										13	
8	ROUTE D	231+45	231+74	EAST CROSSWALK										13	
8	ROUTE D	231+16	231+29	EB, 53.3' RT				40							INTERMITTENT
8	ROUTE D	231+27	231+41	EB, 51.4' RT					54.0						
8	ROUTE D	231+34	231+47	EB, 51.5' RT					52.0						
8	ROUTE D	231+45	231+58	EB, 50.8' RT				56							

QUANTITIES
SHEET 13 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN REVISED. SEALED AND DATED 9/5/2023

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_013_J6S3215_i1.dgn

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PAVEMENT MARKING														
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
8	ROUTE D	231+56	231+68	EB, 50.1' RT				49							
8	ROUTE D	231+33	231+67	SOUTH STOP BAR						33					
8	ROUTE D	231+72	231+83	NB TO EB TURN LANE									12		
8	ROUTE D	231+75	231+90	NB TO EB TURN LANE										3	
8	ROUTE D	231+61	231+93	EB, 31.5' RT		92									
8	ROUTE D	231+26	231+75	NE ISLAND		138									
8	ROUTE D	231+47	231+58	WB TO NB TURN LANE										2	
8	ROUTE D	231+74	231+80	WB TO NB TURN LANE									7		
8	ROUTE D	231+72	231+74	EAST STOP BAR						32					
8	ROUTE D	231+74	232+95	WB, 28.5' LT		120									
8	ROUTE D	232+32	234+98	EB, 36' RT		267									
8	ROUTE D	232+95	234+29	WB, 28.5' LT		100									INTERMITTENT
8	ROUTE D	231+74	232+75	WB, 17.5' LT		101									
8	ROUTE D	231+74	232+46	WB, 6.5' LT		72									
8	ROUTE D	232+75	235+04	WB, 17.5' LT		161									INTERMITTENT
8	ROUTE D	231+74	235+00	EB, 3.5' RT	327										
8	ROUTE D	231+74	235+04	EB, 9.5' RT	334										
8	ROUTE D	231+77	233+08	EB, 19.7' RT		98									INTERMITTENT
8	ROUTE D	231+85	234+37	WB, 39' LT		247									
8	ROUTE D	233+08	234+98	EB, 12.0' RT		190									
8	ROUTE D	233+08	234+98	EB, 23.0' RT		190									
8	ROUTE D	231+91	231+99	WB, 30.6' LT							1				
8	ROUTE D	232+38	232+46	CENTERLINE							1				
8	ROUTE D	232+87	232+95	WB, 30.6' LT							1				
8	ROUTE D	233+08	233+16	EB, 3.4' RT							1				
8	ROUTE D	233+56	233+64	WB, 31.1' LT							1				
8	ROUTE D	234+33	234+41	EB, 3.0' RT							1				
8	ROUTE D	234+98	235+00	WEST STOP BAR						34					
8	ROUTE D	234+90	235+04	SB TO WB TURN LANE										3	
8	ROUTE D	234+86	235+20	SB TO WB TURN LANE									10		
8	ROUTE D	234+70	235+21	NE ISLAND		187									
8	ROUTE D	235+05	235+14	WEST CROSSWALK										16	
8	ROUTE D	235+22	235+86	WB, 18.8' LT		59									DASHED
8	ROUTE D	235+16	236+03	EB, 21.1' RT		53									DASHED
8	ROUTE D	235+22	235+70	NORTH CROSSWALK										12	
8	ROUTE D	235+21	235+44	NORTH STOP BAR						22					
8	ROUTE D	235+33	235+34	WB, 60.6' LT				30							
8	ROUTE D	235+44	235+44	WB, 60.7' LT				30							
8	ROUTE D	235+54	235+54	WB, 70.4' LT					41.0						
8	ROUTE D	235+44	235+54	NORTH STOP BAR						11					
8	ROUTE D	235+65	235+65	WB, 80.1' LT				11							INTERMITTENT
8	ROUTE D	235+22	236+24	SOUTH CROSSWALK										14	
8	ROUTE D	235+31	235+31	EB, 84.3' RT				36							INTERMITTENT
8	ROUTE D	235+42	236+08	EB, 69.5' RT					31.0						
8	ROUTE D	235+48	236+13	EB, 69.4' RT					31.0						

QUANTITIES
SHEET 14 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN SIGNED, DATED AND SEALED ELECTRONICALLY

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_014_J6S3215_i1.dgn

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PAVEMENT MARKING														
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
8	ROUTE D	235+48	236+30	SOUTH STOP BAR						35					
8	ROUTE D	236+07	236+21	EB, 78.7' RT				23							
8	ROUTE D	236+17	236+28	EB, 82.1' RT				19							
8	ROUTE D	235+73	235+73	WB, 61' LT				30							
8	ROUTE D	235+89	235+97	WB EAST CROSSWALK										7	
8	ROUTE D	235+95	236+38	EB WEST CROSSWALK										12	
8	ROUTE D	236+03	236+05	EAST STOP BAR						33					
8	ROUTE D	236+05	238+00	WB, 40.0' LT		195									
8	ROUTE D	236+05	238+00	WB, 30.0' LT		195									
8	ROUTE D	236+05	237+50	WB, 19.0' LT		150									
8	ROUTE D	236+05	237+50	WB, 8.1' LT		150									
8	ROUTE D	236+39	236+41	EAST STOP BAR						11					
8	ROUTE D	236+03	326+35	WB, 8.0' LT		33									
8	ROUTE D	236+39	238+00	EB, 2.7' RT	160										
8	ROUTE D	236+39	238+00	EB, 8.0' RT	160										
8	ROUTE D	236+39	238+00	EB, 19.0' RT		121									INTERMITTENT
8	ROUTE D	236+59	238+00	EB, 30.3' RT		141									
8	ROUTE D	236+69	236+77	WB, 31.9' LT							1				
8	ROUTE D	237+55	238+00	WB, 19.0' LT		34									
8	ROUTE D	237+12	237+20	CENTERLINE							1				
8	ROUTE D	237+36	237+45	WB, 32.4' LT							1				
9	ROUTE D	238+00	240+50	WB OUTER, 40.0' LT		251									
9	ROUTE D	238+00	238+11	WB, 30.0' LT		11									
9	ROUTE D	238+11	238+89	WB, 30.0' LT		59									INTERMITTENT
9	ROUTE D	238+00	244+00	WB, 19.1' LT		450									INTERMITTENT
9	ROUTE D	238+98	239+06	CENTERLINE							1				
9	ROUTE D	240+27	240+35	CENTERLINE							1				
9	ROUTE D	238+00	241+50	WB CENTERLINE	252										
9	ROUTE D	238+00	241+50	EB CENTERLINE	252										
9	ROUTE D	241+31	242+94	WB CENTERLINE	162										
9	ROUTE D	241+31	242+94	EB CENTERLINE	162										
9	ROUTE D	243+81	244+00	EB CENTERLINE	38										
9	ROUTE D	243+81	244+00	WB CENTERLINE		22									
9	ROUTE D	238+00	244+00	EB, RT 19.9' RT		450									INTERMITTENT
9	ROUTE D	241+31	241+42	EB, RT 8.5' RT		11									INTERMITTENT
9	ROUTE D	238+00	243+01	EB OUTER, 30.4' RT		502									
9	ROUTE D	243+89	244+00	EB OUTER, 30.4' RT		11									
9	ROUTE D	238+98	240+50	EB, 8.4' RT		150									
9	ROUTE D	241+69	242+78	EB, 8.4' RT		109									
9	ROUTE D	241+40	243+05	WB OUTER, 30.0' LT		166									
9	ROUTE D	243+82	244+00	WB OUTER, 30.0' LT		18									
9	ROUTE D	241+35	241+37	EB, 2.5' RT									24		
9	ROUTE D	241+52	241+61	EB, 1.9' RT										5	
9	ROUTE D	241+52	241+61	WB, 8.7' LT										5	
9	ROUTE D	241+77	241+78	WB, 9.5' LT									18		

QUANTITIES
SHEET 15 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET ARE AUTHENTIC AND WERE AFFIXED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_015_J6S3215_i1.dgn

DISCLAIMER

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PAVEMENT MARKING														
PAVEMENT MARKING SHEET NO.	BASELINE	FROM STATION	TO STATION	LOCATION	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS			WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
					4" YELLOW (LF)	6" WHITE (LF)	12" WHITE (LF)	4" WHITE (LF)	4" YELLOW (LF)	24" SOLID WHITE (LF)	LEFT ARROW (EA)	"ONLY" (EA)	12" WHITE YIELD LINE TRIANGLES (EA)	30" CONTINENTAL CROSSWALK (EA)	
9	ROUTE D	242+03	242+11	CENTERLINE							1				
10	ROUTE D	244+00	243+97	WB, 30.5' LT		97									
10	ROUTE D	244+00	243+97	WB, 19.5' LT		73									INTERMITTENT
10	ROUTE D	244+00	243+97	WB, 6.7' LT		97									
10	ROUTE D	244+00	243+97	EB, 30.5' RT		97									
10	ROUTE D	244+00	243+97	EB, 19.5' RT		73									INTERMITTENT
10	ROUTE D	244+00	243+97	EB, 6.6' RT	194										
10	ROUTE D	244+12	244+20	CENTERLINE							1				
11	ROUTE D	255+97	261+00	WB, 31.2' LT		503									
11	ROUTE D	255+97	261+00	WB, 19.8' LT		377									INTERMITTENT
11	ROUTE D	255+97	261+00	EB, 18.7' RT		377									INTERMITTENT
11	ROUTE D	255+97	261+00	WB CENTERLINE	503										
11	ROUTE D	255+97	261+00	EB CENTERLINE	503										
11	ROUTE D	255+97	256+52	EB, 22.9' RT		55									
11	ROUTE D	257+46	260+17	EB, 22.9' RT		271									
12	ROUTE D	261+00	271+00	WB, 25.0' LT		997									
12	ROUTE D	261+00	271+00	WB, 11.6' LT		750									INTERMITTENT
12	ROUTE D	261+00	271+00	EB, 11.1' RT		754									INTERMITTENT
12	ROUTE D	261+00	271+00	WB CENTERLINE	1002										
12	ROUTE D	261+00	271+00	EB CENTERLINE	1002										
12	ROUTE D	261+14	264+60	EB, 23.2' RT		347									
12	ROUTE D	265+53	269+53	EB, 22.9' RT		403									
12	ROUTE D	270+46	271+00	EB, 22.9' RT		54									
13	ROUTE D	271+00	279+50	WB, 24.4' LT		850									
13	ROUTE D	271+00	279+50	WB, 12.3' LT		638									INTERMITTENT
13	ROUTE D	271+00	279+50	WB CENTERLINE	850										
13	ROUTE D	271+00	279+50	EB CENTERLINE	850										
13	ROUTE D	271+00	273+50	EB, 11.7' RT		183									INTERMITTENT
13	ROUTE D	273+50	278+33	EB, 11.7' RT			362								DASHED
13	ROUTE D	278+33	279+50	EB, 11.7' RT			117								
13	ROUTE D	271+00	274+03	EB, 23.8' RT		304									
13	ROUTE D	274+95	277+13	EB, 23.8' RT		272									
13	ROUTE D	278+07	279+50	EB, 23.6' RT		143									
13	ROUTE D	279+07	279+15	EB, 14.5' RT								1			
13	ROUTE D	279+26	279+34	EB, 14.7' RT							1				
				TOTAL:	22036	34563	479	615	553	596	28	1	117	228	

QUANTITIES
SHEET 16 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE ON THIS SHEET ARE VALID AND DATED IN BLACK INK

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_016_J6S3215_i1.dgn

TRUNCATED DOMES				
PLAN SHEET NO.	STATION	ROADWAY	LT/RT	QUANTITY
				(SQ FT)
5	180+49.87	ROUTE D	RT	10
5	180+65.78	ROUTE D	RT	10
5	180+90.78	ROUTE D	LT	10
5	180+90.91	ROUTE D	RT	10
7	188+14.33	ROUTE D	RT	10
7	188+14.39	ROUTE D	LT	10
8	191+14.28	ROUTE D	LT	14
8	191+78.36	ROUTE D	LT	10
8	192+40.23	ROUTE D	RT	18
8	193+04.23	ROUTE D	RT	34
9	199+43.33	ROUTE D	RT	8
9	200+40.49	ROUTE D	RT	18
10	202+33.87	ROUTE D	RT	40
10	203+05.43	ROUTE D	RT	30
10	204+07.75	ROUTE D	RT	10
10	204+07.75	ROUTE D	RT	12
10	204+07.75	ROUTE D	LT	12
10	204+07.75	ROUTE D	LT	10
10	204+43.04	ROUTE D	RT	21
10	205+49.95	ROUTE D	RT	26
11	207+91.64	ROUTE D	RT	18
11	208+56.91	ROUTE D	RT	30
13	214+60.68	ROUTE D	RT	10
13	214+61.01	ROUTE D	LT	10
13	214+89.06	ROUTE D	LT	13
13	215+23.57	ROUTE D	RT	10
13	215+41.88	ROUTE D	RT	10
13	215+45.01	ROUTE D	LT	10
13	215+65.38	ROUTE D	RT	11
13	215+65.86	ROUTE D	LT	13
15	221+52.41	ROUTE D	LT	12
15	221+83.84	ROUTE D	RT	17
15	222+01.28	ROUTE D	LT	12
15	222+49.33	ROUTE D	RT	32
17	229+20.25	ROUTE D	RT	8
17	230+29.96	ROUTE D	LT	14
17	230+46.72	ROUTE D	LT	10
17	230+59.75	ROUTE D	LT	10
17	230+65.43	ROUTE D	LT	11
17	230+71.03	ROUTE D	RT	10
17	230+95.86	ROUTE D	RT	10
17	231+40.98	ROUTE D	LT	11
17	231+48.86	ROUTE D	LT	10
17	231+49.30	ROUTE D	LT	11
17	231+58.07	ROUTE D	LT	11
17	231+66.15	ROUTE D	RT	10
17	231+71.36	ROUTE D	RT	10
17	231+75.64	ROUTE D	RT	10
17	231+90.17	ROUTE D	RT	11
18	234+89.41	ROUTE D	LT	11
18	235+06.15	ROUTE D	LT	10
18	235+07.80	ROUTE D	RT	10
18	235+07.82	ROUTE D	LT	10
18	235+08.62	ROUTE D	LT	10
18	235+09.19	ROUTE D	RT	10
18	235+16.12	ROUTE D	LT	10
18	235+18.34	ROUTE D	RT	10
18	235+72.57	ROUTE D	LT	12
18	235+93.06	ROUTE D	LT	12
18	235+93.85	ROUTE D	LT	10
18	235+95.34	ROUTE D	RT	11
18	236+32.00	ROUTE D	RT	10
18	236+36.07	ROUTE D	RT	10
19	240+74.69	ROUTE D	LT	14
19	241+22.74	ROUTE D	LT	10
19	241+56.68	ROUTE D	RT	10
19	241+56.68	ROUTE D	LT	12

TRUNCATED DOMES				
PLAN SHEET NO.	STATION	ROADWAY	LT/RT	QUANTITY
				(SQ FT)
19	241+56.68	ROUTE D	LT	12
19	241+56.68	ROUTE D	LT	10
20	243+22.78	ROUTE D	LT	10
20	243+23.96	ROUTE D	RT	18
20	243+67.40	ROUTE D	RT	23
20	243+68.92	ROUTE D	LT	26
21	250+61.61	ROUTE D	RT	25
23	257+36.91	ROUTE D	RT	42
23,24	261+00.46	ROUTE D	RT	15
26	274+81.46	ROUTE D	RT	12
27	277+94.87	ROUTE D	RT	15
			TOTAL:	1088

TUBULAR MARKERS							
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	18" WHITE ISLAND TUBULAR MARKER (EA)	18" YELLOW ISLAND TUBULAR MARKER (EA)	REMARKS
5,6	181+00.82	184+14.00	ROUTE D	CENTERLINE		2	MEDIAN
10	203+87.75	204+27.75	ROUTE D	CENTERLINE		2	MEDIAN
12,13	211+00.44	214+55.43	ROUTE D	CENTERLINE		2	MEDIAN
13	215+76.49	217+66.65	ROUTE D	CENTERLINE		2	MEDIAN
17	229+18.40	230+59.50	ROUTE D	CENTERLINE		2	MEDIAN
17	230+37.69	230+67.51	ROUTE D	LT	3		ISLAND REFUGE
17	231+35.77	231+57.75	ROUTE D	LT	3		ISLAND REFUGE
17	231+64.90	231+84.90	ROUTE D	RT	3		ISLAND REFUGE
17,18	231+72.84	235+14.87	ROUTE D	CENTERLINE		2	MEDIAN
18	234+94.40	235+17.77	ROUTE D	LT	3		ISLAND REFUGE
18	235+83.81	236+07.83	ROUTE D	CENTERLINE	3		ISLAND REFUGE
18,19	236+37.58	240+51.37	ROUTE D	CENTERLINE		2	MEDIAN
19,20	241+31.31	242+93.39	ROUTE D	CENTERLINE		2	MEDIAN
				TOTAL:	15	16	

GUARDRAIL						
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	MGS GUARDRAIL (LF)	MGS END ANCHOR (EA)
20	244+08.71	244+97.30	ROUTE D	LT	74	1

CONCRETE SLOPE PROTECTION						
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION LT/RT	SLOPE PROTECTION (SQ YD)	REMARKS
18	235+79.04	236+65.99	ROUTE D	LT	29.3	
18	236+89.12	238+00.00	ROUTE D	LT	31.7	
19	238+00.00	238+29.42	ROUTE D	LT	7.9	
				TOTAL:	69	

NOTE:

GUARDRAIL TO TIE INTO BRIDGE ANCHOR SECTION THAT IS TO BE INCLUDED ON MODOT PROJECT J6S3592. SEE MODOT PROJECT J6S3592 FOR MORE DETAILS.

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QUANTITIES
SHEET 17 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN REVISED. BEARS THE DATES SIGNED BELOW.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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CONCRETE MEDIAN AND CONCRETE MEDIAN STRIP										
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION LT/RT	INTERSECTION QUADRANT	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (SQ YD)	6 IN. CONCRETE MEDIAN STRIP (SQ YD)	4 IN. CONCRETE MEDIAN STRIP (SQ YD)	10 IN. NON-REINFORCED CONCRETE PAVEMENT (SQ YD)	REMARKS
5	179+96.98	180+25.28	ROUTE D	LT				38.4		
5	180+93.78	181+00.80	ROUTE D	LT		2			2.1	
8	192+15.80	192+35.46	ROUTE D	RT			3.2			
8	193+82.72	193+95.40	ROUTE D	RT			1.9			
8	194+75.82	194+88.47	ROUTE D	RT			1.9			
9	199+38.58	199+46.62	ROUTE D	RT			2.1			
9	200+45.35	200+63.81	ROUTE D	RT			2.9			
10	201+38.53	201+61.92	ROUTE D	RT			4.5			
10	203+86.92	204+05.25	ROUTE D	LT			3.7			
10	203+87.75	204+04.75	ROUTE D	LT		11			10.9	CENTER MEDIAN
10	204+10.75	204+27.75	ROUTE D	LT		11			10.9	CENTER MEDIAN
11	206+32.83	206+44.24	ROUTE D	RT			1.4			
11	206+97.13	207+14.81	ROUTE D	RT			3.1			
11	207+68.82	207+86.87	ROUTE D	RT			2.8			
13	215+68.77	215+74.32	ROUTE D	RT			1.1			
14	219+06.23	219+24.53	ROUTE D	RT			2.8			
14	219+31.91	219+38.61	ROUTE D	RT			1.3			
14	219+64.48	219+71.41	ROUTE D	RT			0.8			
14,15	220+96.12	221+09.61	ROUTE D	RT			2.1			
15	221+36.61	221+49.85	ROUTE D	LT			2.6			
15	221+65.51	221+79.37	ROUTE D	RT			2.1			
15	225+20.83	225+29.03	ROUTE D	LT			1.4			
15	225+57.68	225+65.82	ROUTE D	LT			1.4			
16	226+93.98	227+13.93	ROUTE D	LT			7.0			
17	229+20.25	229+34.41	ROUTE D	RT			2.3			
17	230+37.69	230+57.02	ROUTE D	LT	NW	17			17.3	ISLAND REFUGE
17	230+48.42	230+63.36	ROUTE D	LT	NW	15			15.4	ISLAND REFUGE
17	230+52.62	230+68.53	ROUTE D	RT	SW		3.2			
17	230+57.49	230+59.50	ROUTE D	LT			0.8			
17	230+61.69	230+67.35	ROUTE D	LT	NW	3			2.6	ISLAND REFUGE
17	231+35.77	231+47.57	ROUTE D	LT	NE	8			7.7	ISLAND REFUGE
17	231+40.88	231+46.20	ROUTE D	LT	NE	1			1.4	ISLAND REFUGE
17	231+50.59	231+57.75	ROUTE D	LT	NE	4			3.6	ISLAND REFUGE
17	231+64.90	231+69.33	ROUTE D	RT	SE	2			1.8	ISLAND REFUGE
17	231+67.24	231+74.27	ROUTE D	RT	SE	4			3.9	ISLAND REFUGE
17	231+74.02	231+82.86	ROUTE D	RT	SE	6			5.6	ISLAND REFUGE
17,18	231+72.84	235+05.31	ROUTE D	LT/RT			237.7			CENTER MEDIAN
17	232+85.59	232+99.45	ROUTE D	LT			2.6			
18	234+94.40	235+06.12	ROUTE D	LT	NW	10			10.0	ISLAND REFUGE
18	235+06.40	235+17.75	ROUTE D	LT	NW	14			14.0	ISLAND REFUGE
18	235+10.31	235+14.87	ROUTE D	LT/RT			2.5			CENTER MEDIAN
18	235+11.12	235+17.77	ROUTE D	LT	NW	5			5.1	ISLAND REFUGE
18	235+43.20	235+47.36	ROUTE D	RT			0.7			CENTER MEDIAN
18	235+83.81	235+94.04	ROUTE D	LT/RT		9			9.5	ISLAND REFUGE
18	235+96.44	236+07.83	ROUTE D	LT/RT		7			7.1	ISLAND REFUGE
18	236+31.26	236+37.66	ROUTE D	RT			1.8			
18	237+97.94	240+51.37	ROUTE D	LT/RT			156.4			CENTER MEDIAN
19	241+31.31	241+53.68	ROUTE D	LT			14.4			CENTER MEDIAN
19,20	241+59.68	242+93.39	ROUTE D	LT			88.7			CENTER MEDIAN
23	259+81.11	259+94.49	ROUTE D	LT			1.6			
23	260+33.67	260+39.16	ROUTE D	LT			0.6			
					TOTAL:	129	563.4	38.4	128.9	

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MOBILIZATION	
TOTAL	1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING	
TOTAL	1 LUMP SUM

POT HOLING FOR UTILITY FACILITIES	
TOTAL	75 EACH

QUANTITIES
SHEET 18 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE ON THIS SHEET WERE SEALED AND DATED ON THE DATE SHOWN BELOW.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
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0	072123	FINAL PS&E

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105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SIDEWALK						
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE BASE (4 IN. THICK) (SQ YD)
5	180+02.62	180+18.62	ROUTE D	RT	11.3	11
5	180+18.62	180+28.88	ROUTE D	RT	10.4	10
5	180+28.88	180+44.87	ROUTE D	RT	8.2	8
5	180+70.78	180+83.44	ROUTE D	RT	7.0	7
5	180+83.44	180+88.43	ROUTE D	RT	9.5	9
5	180+88.28	180+96.35	ROUTE D	LT	4.5	4
5	180+88.43	181+27.45	ROUTE D	RT	21.6	22
5	181+27.45	181+48.38	ROUTE D	RT	11.8	12
5,6	181+48.38	183+90.34	ROUTE D	RT	161.4	161
5	181+55.18	181+58.76	ROUTE D	LT	2.4	2
5	182+29.04	182+40.58	ROUTE D	LT	7.7	8
6	183+53.12	184+97.02	ROUTE D	LT	96.0	96
6,7	185+10.57	186+12.89	ROUTE D	RT	68.2	68
7	186+26.19	187+07.92	ROUTE D	LT	54.5	54
7	186+96.96	188+05.82	ROUTE D	RT	72.6	73
7	187+90.90	187+94.90	ROUTE D	LT	2.2	2
7	187+94.90	188+01.90	ROUTE D	LT	6.2	6
7	188+01.90	188+05.90	ROUTE D	LT	2.2	2
7	188+22.82	188+28.82	ROUTE D	RT	4.0	4
7	188+22.90	190+14.81	ROUTE D	LT	107.5	108
7	188+28.82	188+35.82	ROUTE D	RT	6.2	6
7	188+35.82	189+11.97	ROUTE D	RT	50.8	51
7	189+60.38	190+95.31	ROUTE D	RT	89.9	90
7,8	190+96.76	191+04.53	ROUTE D	LT	4.3	4
8	191+49.93	191+84.23	ROUTE D	RT	22.9	23
8	191+83.36	191+88.95	ROUTE D	LT	3.1	3
8	192+12.62	192+43.43	ROUTE D	RT	15.2	15
8	192+53.52	192+71.84	ROUTE D	L	12.5	13
8	192+71.84	194+58.52	ROUTE D	LT	125.7	126
8	193+19.64	193+52.02	ROUTE D	RT	21.6	22
8	193+79.18	193+99.59	ROUTE D	RT	9.9	10
8	194+27.83	194+41.61	ROUTE D	RT	9.0	9
8	194+72.09	194+92.50	ROUTE D	RT	9.5	10
8,9	195+21.50	196+64.36	ROUTE D	RT	92.2	92
8,9	195+57.37	196+05.38	ROUTE D	LT	33.0	33
9	197+59.00	198+35.31	ROUTE D	RT	49.9	50
9	197+45.86	200+61.60	ROUTE D	LT	180.3	180
9	200+37.19	200+68.00	ROUTE D	RT	14.6	15
10	201+20.44	202+06.55	ROUTE D	LT	57.4	57
10	201+35.36	201+64.86	ROUTE D	RT	16.8	17
10	202+02.33	202+16.99	ROUTE D	RT	9.8	10
10	202+66.66	203+27.50	ROUTE D	LT	40.6	41
10	203+19.64	203+26.51	ROUTE D	RT	4.6	5
10	203+83.38	204+05.25	ROUTE D	LT	12.9	13
10	203+92.09	203+99.25	ROUTE D	RT	4.8	5
10	204+04.75	204+10.75	ROUTE D	RT/LT	4.0	4
10	204+16.25	204+24.73	ROUTE D	LT	5.7	6
10	204+16.25	204+20.27	ROUTE D	RT	2.7	3
10	204+20.27	204+27.27	ROUTE D	RT	6.2	6
10	204+24.73	204+31.73	ROUTE D	LT	6.2	6
10	204+27.27	204+31.43	ROUTE D	RT	2.8	3
10	204+31.73	204+40.21	ROUTE D	LT	5.7	6
10	205+10.99	205+24.20	ROUTE D	LT	8.8	9
10	205+63.09	205+78.12	ROUTE D	RT	10.0	10
10,11	205+87.49	208+33.00	ROUTE D	LT	136.4	136
11	206+28.57	206+48.50	ROUTE D	RT	9.0	9
11	206+93.43	207+18.54	ROUTE D	RT	13.1	13
11	207+64.88	207+94.84	ROUTE D	RT	14.2	14
11	208+71.12	209+77.82	ROUTE D	RT	71.2	71
11,12	209+20.45	212+16.90	ROUTE D	LT	197.7	198
11,12	210+56.37	211+01.81	ROUTE D	RT	30.3	30
12,13	211+67.91	213+07.79	ROUTE D	RT	93.3	93
12,13	212+76.93	213+68.66	ROUTE D	LT	61.1	61
13	213+68.66	213+75.66	ROUTE D	LT	6.2	6
13	213+75.66	214+52.54	ROUTE D	LT	51.3	51
13	213+86.78	214+26.65	ROUTE D	RT	26.6	27
13	214+26.65	214+33.65	ROUTE D	RT	6.2	6
13	214+33.65	215+22.30	ROUTE D	RT	54.8	55
13	214+70.83	214+80.57	ROUTE D	LT	34.4	34

SIDEWALK						
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE BASE (4 IN. THICK) (SQ YD)
13	215+43.96	215+49.98	ROUTE D	LT	2.8	3
13	215+44.03	215+55.83	ROUTE D	LT	17.4	17
13	215+46.90	215+68.81	ROUTE D	RT	13.1	13
13	215+68.79	215+77.08	ROUTE D	RT	5.1	5
13	215+75.49	217+11.11	ROUTE D	LT	90.4	90
13	216+32.94	216+55.59	ROUTE D	RT	15.1	15
13	217+29.51	217+45.34	ROUTE D	RT	10.6	11
13	217+66.90	217+91.10	ROUTE D	LT	13.9	14
13,14	217+98.83	218+13.68	ROUTE D	RT	14.9	15
14	218+14.12	218+51.17	ROUTE D	LT	20.1	20
14	218+57.36	218+63.01	ROUTE D	RT	3.3	3
14	218+62.34	219+00.84	ROUTE D	LT	21.2	21
14	219+01.60	219+41.80	ROUTE D	RT	20.7	21
14	219+11.65	219+50.70	ROUTE D	LT	21.1	21
14	219+60.34	220+88.25	ROUTE D	LT	76.9	77
14	219+62.77	219+73.15	ROUTE D	RT	5.2	5
14	220+18.93	220+61.82	ROUTE D	RT	32.2	32
14,15	220+91.37	221+15.41	ROUTE D	RT	10.9	11
15	221+31.28	221+52.63	ROUTE D	LT	12.1	12
15	221+63.21	221+86.82	ROUTE D	RT	11.1	11
15	221+94.64	222+00.83	ROUTE D	LT	6.0	6
15	222+09.41	222+81.00	ROUTE D	LT	46.4	46
15	222+64.08	222+69.95	ROUTE D	RT	3.9	4
15	222+69.95	222+76.95	ROUTE D	RT	6.2	6
15	222+81.00	222+88.00	ROUTE D	LT	6.2	6
15	222+88.00	223+01.80	ROUTE D	LT	9.2	9
15	223+62.26	224+58.02	ROUTE D	LT	63.8	64
15	225+19.53	225+30.66	ROUTE D	LT	6.1	6
15	225+56.26	225+67.41	ROUTE D	LT	6.1	6
16	226+29.88	226+51.40	ROUTE D	LT	14.3	14
16	226+91.10	227+17.08	ROUTE D	LT	17.7	18
16	227+75.63	227+82.19	ROUTE D	LT	4.4	4
16,17	228+42.16	228+58.40	ROUTE D	LT	9.5	9
17	229+13.21	229+33.67	ROUTE D	LT	11.4	11
17	229+14.76	229+36.78	ROUTE D	RT	10.9	11
17	229+88.27	230+19.42	ROUTE D	LT	20.4	20
17	229+88.60	229+98.75	ROUTE D	RT	6.8	7
17	230+28.58	230+30.01	ROUTE D	LT	26.2	26
17	230+45.34	230+66.56	ROUTE D	LT	14.2	14
17	230+50.85	230+68.51	ROUTE D	RT	11.0	11
17	230+79.51	230+97.62	ROUTE D	RT	22.5	22
17	231+38.35	231+52.09	ROUTE D	LT	8.5	8
17	231+44.54	231+55.00	ROUTE D	LT	12.2	12
17	231+65.42	231+78.80	ROUTE D	RT	9.4	9
17	231+68.93	232+45.47	ROUTE D	LT	52.1	52
17	231+85.41	231+92.55	ROUTE D	RT	15.4	15
17	232+03.22	232+52.27	ROUTE D	RT	28.7	29
17	232+81.46	233+21.58	ROUTE D	RT	22.3	22
17	232+84.31	233+00.65	ROUTE D	LT	9.7	10
17	233+21.58	233+28.58	ROUTE D	RT	6.2	6
17,18	233+28.58	233+56.70	ROUTE D	RT	15.5	16
17,18	233+49.61	233+56.38	ROUTE D	LT	4.5	5
18	234+07.43	234+46.14	ROUTE D	RT	27.6	28
18	234+32.85	234+79.65	ROUTE D	LT	29.5	30
18	234+90.23	235+19.76	ROUTE D	RT	38.4	38
18	234+90.82	234+98.21	ROUTE D	LT	9.9	10
18	235+03.05	235+17.47	ROUTE D	LT	11.8	12
18	235+05.31	235+10.31	ROUTE D	LT/RT	3.5	3
18	235+72.57	235+72.57	ROUTE D	LT	6.3	6
18	235+72.57	235+84.06	ROUTE D	LT	13.3	13
18	235+91.45	235+99.14	ROUTE D	LT/RT	5.3	5
18	236+02.06	236+53.79	ROUTE D	LT	28.9	29
18	236+39.36	236+59.82	ROUTE D	RT	43.5	43
18	236+93.49	237+26.84	ROUTE D	RT	18.5	19
18,19	236+98.34	238+16.90	ROUTE D	LT	65.9	66
18	237+65.91	237+96.23	ROUTE D	RT	16.8	17
19	238+11.95	238+33.48	ROUTE D	RT	12.2	12
19	238+49.34	238+70.82	ROUTE D	RT	11.9	12
19	238+82.69	239+10.25	ROUTE D	RT	15.3	15

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QUANTITIES
SHEET 19 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_019_J6S3215_i1.dgn

SIDEWALK						
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE SIDEWALK, 4 IN. (SQ YD)	TYPE 5 AGGREGATE BASE (4 IN. THICK) (SQ YD)
19	238+87.77	239+82.44	ROUTE D	LT	52.6	53
19	239+19.99	239+45.70	ROUTE D	RT	14.3	14
19	239+56.22	239+83.71	ROUTE D	RT	15.3	15
19	239+82.44	239+89.44	ROUTE D	LT	6.2	6
19	239+89.44	240+64.79	ROUTE D	LT	41.9	42
19	239+94.71	240+20.92	ROUTE D	RT	14.5	15
19	240+31.97	240+56.52	ROUTE D	RT	13.6	14
19	240+68.84	240+92.77	ROUTE D	RT	13.2	13
19	241+05.51	241+31.44	ROUTE D	RT	14.4	14
19,20	241+27.73	243+17.77	ROUTE D	LT	107.5	108
19	241+43.77	241+69.60	ROUTE D	RT	15.6	16
19	241+53.68	241+59.68	ROUTE D	LT	4.0	4
19,20	241+81.37	242+06.75	ROUTE D	RT	14.1	14
20	242+17.75	242+43.86	ROUTE D	RT	14.5	15
20	242+54.10	243+13.55	ROUTE D	RT	33.3	33
20	243+22.03	243+26.28	ROUTE D	RT	1.7	2
20	243+65.00	243+70.00	ROUTE D	RT	7.3	7
20	243+80.85	244+10.67	ROUTE D	RT	16.1	16
20	243+83.03	244+99.14	ROUTE D	LT	78.1	78
20	244+20.00	244+46.36	ROUTE D	RT	14.5	14
20	244+56.33	244+82.14	ROUTE D	RT	14.1	14
20	244+93.62	245+21.43	ROUTE D	RT	15.4	15
20	245+33.73	245+62.14	ROUTE D	RT	15.7	16
20,21	245+72.60	246+49.22	ROUTE D	RT	42.4	42
21	246+73.01	246+97.79	ROUTE D	RT	13.0	13
21	250+40.55	250+47.15	ROUTE D	RT	5.2	5
22	251+44.37	251+79.34	ROUTE D	LT	19.4	19
22	251+68.43	251+83.39	ROUTE D	RT	10.6	11
22	251+79.34	251+86.34	ROUTE D	LT	6.2	6
22	251+83.39	251+90.39	ROUTE D	RT	6.2	6
22	251+86.34	252+21.36	ROUTE D	LT	19.4	19
22	252+76.72	252+91.83	ROUTE D	LT	7.6	8
22	252+92.44	252+98.99	ROUTE D	RT	4.6	5
22	253+26.72	253+88.33	ROUTE D	LT	34.2	34
22	254+32.08	254+53.80	ROUTE D	LT	12.1	12
22	254+40.40	254+62.35	ROUTE D	RT	15.5	16
22	255+09.70	255+43.21	ROUTE D	LT	22.4	22
22,23	255+99.41	256+08.38	ROUTE D	LT	6.0	6
23	256+36.00	256+42.50	ROUTE D	RT	4.6	5
23	256+68.40	256+92.40	ROUTE D	LT	16.0	16
23	257+55.98	259+25.86	ROUTE D	RT	114.8	115
23	257+66.03	258+19.73	ROUTE D	LT	39.9	40
23	258+98.67	259+42.06	ROUTE D	LT	50.8	51
23	259+76.09	259+99.51	ROUTE D	LT	10.5	10
23	259+94.91	260+13.40	ROUTE D	RT	13.0	13
23	260+32.03	260+41.12	ROUTE D	LT	4.2	4
23,24	260+93.10	262+10.30	ROUTE D	LT	79.0	79
23	260+87.97	260+97.31	ROUTE D	RT	8.3	8
24	261+12.13	262+15.53	ROUTE D	RT	70.8	71
24	262+83.51	263+37.82	ROUTE D	LT	35.6	36
24	262+91.07	264+50.76	ROUTE D	RT	113.1	113
24	264+13.11	264+47.71	ROUTE D	LT	22.7	23
24	264+47.71	264+54.83	ROUTE D	LT	6.2	6
24	264+54.83	264+77.34	ROUTE D	LT	14.8	15
24-26	265+89.43	272+04.82	ROUTE D	LT	380.0	380
25	270+44.13	270+51.13	ROUTE D	LT	6.2	6
26	271+33.68	271+40.68	ROUTE D	RT	6.2	6
26	273+28.69	274+99.87	ROUTE D	LT	95.1	95
26	274+91.61	275+61.82	ROUTE D	RT	46.4	46
26	275+36.59	278+62.33	ROUTE D	LT	181.0	181
27	278+06.31	278+60.44	ROUTE D	RT	39.2	39
27	279+07.48	279+42.97	ROUTE D	LT	21.0	21
27	279+07.62	279+13.62	ROUTE D	RT	4.3	4
27	279+13.62	279+20.62	ROUTE D	RT	6.2	6
27	279+20.62	279+50.00	ROUTE D	RT	23.2	23
27	279+42.97	279+49.96	ROUTE D	LT	6.2	6
				TOTAL:	5891.0	5883

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QUANTITIES
SHEET 20 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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BP-2 PG 64-22 ASPHALT STRIP					
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-2)
					(TONS)
10	ROUTE D	204+73.85	204+93.53	RT	0.9
10	ROUTE D	205+41.25	205+95.66	RT	2.2
11	ROUTE D	206+27.43	206+49.52	RT	1.0
11	ROUTE D	206+91.69	207+20.34	RT	1.2
11	ROUTE D	207+63.16	208+02.34	RT	1.8
12	ROUTE D	211+10.64	211+21.83	RT	0.5
12	ROUTE D	211+48.23	211+75.31	RT	1.1
14	ROUTE D	219+62.83	219+73.21	RT	0.4
15	ROUTE D	221+62.75	221+65.77	RT	0.2
15	ROUTE D	223+43.28	224+78.02	LT	5.9
15	ROUTE D	225+19.53	225+31.54	LT	0.7
15	ROUTE D	225+55.89	225+68.31	LT	0.7
16	ROUTE D	226+11.88	226+68.49	LT	2.4
16	ROUTE D	226+90.21	227+18.47	LT	1.2
16	ROUTE D	227+55.71	227+99.18	LT	2.8
16,17	ROUTE D	228+31.11	228+51.83	LT	0.8
17	ROUTE D	228+50.18	228+72.09	RT	1.0
17	ROUTE D	232+27.59	232+52.28	RT	0.9
17	ROUTE D	232+55.65	232+61.47	LT	0.5
17	ROUTE D	232+84.16	233+00.31	LT	1.1
17	ROUTE D	233+38.61	233+49.61	LT	0.6
18	ROUTE D	234+07.43	234+46.27	RT	1.5
18	ROUTE D	234+90.24	235+10.71	RT	1.1
18	ROUTE D	236+64.89	236+67.08	LT	0.1
18	ROUTE D	236+88.99	236+90.99	LT	0.1
19	ROUTE D	238+28.03	238+30.10	LT	0.1
22,23	ROUTE D	255+88.41	256+25.34	LT	1.4
23	ROUTE D	256+51.78	257+07.67	LT	2.3
23	ROUTE D	257+48.69	258+36.31	LT	3.7
23	ROUTE D	259+74.65	260+01.01	LT	1.2
23	ROUTE D	260+32.03	260+41.97	LT	0.5
23,24	ROUTE D	260+81.99	262+31.40	LT	6.1
24	ROUTE D	263+92.80	264+47.69	LT	2.7
				TOTAL:	48.7

PAVEMENT EDGE TREATMENT					
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	PAVEMENT EDGE TREATMENT
					(LF)
5	180+02.61	180+55.21	ROUTE D	RT	77
5,6	180+60.59	183+96.32	ROUTE D	RT	360
5	180+63.26	180+82.24	ROUTE D	LT	42
5	181+51.17	181+62.74	ROUTE D	LT	12
5	182+23.02	182+46.57	ROUTE D	LT	24
6	183+46.92	185+02.88	ROUTE D	LT	156
6,7	185+04.58	186+18.90	ROUTE D	RT	114
7	186+21.19	187+13.92	ROUTE D	LT	93
7	186+90.97	189+17.98	ROUTE D	RT	227
7	187+84.89	189+70.29	ROUTE D	LT	185
7,8	189+54.40	191+01.31	ROUTE D	RT	147
8	191+43.93	191+90.23	ROUTE D	RT	46
8	192+19.65	192+24.78	ROUTE D	RT	5
8	192+70.25	194+64.27	ROUTE D	LT	195
8	193+13.64	193+58.02	ROUTE D	RT	44
8	194+21.85	194+47.72	ROUTE D	RT	26
8,9	195+15.29	196+70.57	ROUTE D	RT	151
8,9	195+51.58	196+11.20	ROUTE D	LT	61
9	197+40.11	200+67.58	ROUTE D	LT	329
9	197+52.78	198+41.31	ROUTE D	RT	87
9	200+53.84	200+57.33	ROUTE D	RT	4
10	201+14.43	202+12.53	ROUTE D	LT	98
10	201+44.01	201+58.01	ROUTE D	RT	14
10	201+96.33	202+22.99	ROUTE D	RT	27
10	202+60.87	203+33.70	ROUTE D	LT	73
10	203+13.64	203+32.51	ROUTE D	RT	19
10	203+86.09	204+37.43	ROUTE D	RT	51
10	203+92.75	204+46.21	ROUTE D	LT	53
10	205+04.78	205+29.99	ROUTE D	LT	25
10	205+57.09	205+84.12	ROUTE D	RT	27
10,11	205+81.48	208+38.99	ROUTE D	LT	258
11	208+65.12	209+84.00	ROUTE D	RT	119
11,12	209+14.45	212+23.03	ROUTE D	LT	308
11,12	210+50.55	211+07.99	ROUTE D	RT	57
12,13	211+61.93	213+13.81	ROUTE D	RT	152
12,13	212+71.07	214+70.94	ROUTE D	LT	201
13	213+80.78	215+24.48	ROUTE D	RT	148
13	215+55.57	217+11.11	ROUTE D	LT	163
13	216+26.93	216+61.58	ROUTE D	RT	35
13	217+23.50	217+51.34	ROUTE D	RT	28
13	217+61.03	217+81.84	ROUTE D	LT	21
13,14	217+92.83	218+19.68	ROUTE D	RT	27
14	218+24.84	218+42.57	ROUTE D	LT	18
14	218+52.08	218+69.01	ROUTE D	RT	17
14	218+71.52	218+91.52	ROUTE D	LT	20
14	219+13.84	219+32.29	ROUTE D	RT	21
14	219+20.39	219+42.39	ROUTE D	LT	22
14	219+70.54	220+94.26	ROUTE D	LT	124
14	220+12.93	220+67.82	ROUTE D	RT	55
15	221+54.57	221+59.64	ROUTE D	LT	15
15	221+70.20	221+71.80	ROUTE D	RT	2
15	221+94.16	221+95.63	ROUTE D	LT	8
15	222+09.17	223+07.80	ROUTE D	LT	100
15	222+58.08	222+77.44	ROUTE D	RT	19
15	222+64.08	222+77.44	ROUTE D	RT	23
15	223+56.26	224+64.02	ROUTE D	LT	108
16	226+23.88	226+57.40	ROUTE D	LT	34
16	227+01.15	227+06.71	ROUTE D	LT	6
16	227+69.63	227+88.19	ROUTE D	LT	19
16,17	228+49.22	228+62.97	ROUTE D	LT	14
17	229+09.55	229+37.10	ROUTE D	LT	28
17	229+28.13	229+29.72	ROUTE D	RT	2
17	229+82.61	230+04.76	ROUTE D	RT	22
17	229+87.27	230+30.44	ROUTE D	LT	107
17	230+56.86	231+02.75	ROUTE D	RT	54
17	231+39.64	232+51.47	ROUTE D	LT	126
17	231+91.56	232+48.48	ROUTE D	RT	63
17	232+87.22	233+46.91	ROUTE D	RT	60
17	232+89.34	232+95.71	ROUTE D	LT	6

DISCLAIMER

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PAVEMENT EDGE TREATMENT					
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	PAVEMENT EDGE TREATMENT
					(LF)
17,18	233+43.61	233+62.38	ROUTE D	LT	19
18	234+13.40	234+37.25	ROUTE D	RT	24
18	234+26.85	235+03.14	ROUTE D	LT	100
18	234+95.87	235+06.19	ROUTE D	RT	10
18	237+07.59	237+16.23	ROUTE D	RT	9
18	237+79.55	237+87.13	ROUTE D	RT	8
19	238+19.93	238+25.47	ROUTE D	RT	6
19	238+57.34	238+60.64	ROUTE D	RT	3
19	238+92.66	238+97.08	ROUTE D	RT	4
19	239+32.40	239+33.25	ROUTE D	RT	1
19	239+66.18	239+72.04	ROUTE D	RT	6
19	240+04.67	240+10.07	ROUTE D	RT	5
19	240+44.45	240+45.83	ROUTE D	RT	1
19	240+78.78	240+82.65	ROUTE D	RT	4
19	241+15.48	241+19.90	ROUTE D	RT	4
19	241+53.68	241+59.66	ROUTE D	RT	4
19	241+89.86	241+96.83	ROUTE D	RT	7
20	242+25.75	242+32.33	ROUTE D	RT	7
20	242+65.61	243+29.24	ROUTE D	RT	36
20	243+62.53	244+99.18	ROUTE D	LT	146
22,23	255+93.41	256+14.38	ROUTE D	LT	21
23	256+62.40	256+98.40	ROUTE D	LT	36
23	257+48.08	257+74.30	ROUTE D	RT	26
23	257+60.03	258+25.73	ROUTE D	LT	66
23	257+74.30	258+03.15	ROUTE D	RT	33
23	258+03.15	259+31.85	ROUTE D	RT	129
23	258+92.67	259+48.06	ROUTE D	LT	55
23,24	260+87.09	261+13.46	ROUTE D	LT	26
23,24	260+87.47	261+30.33	ROUTE D	RT	61
24	261+13.46	261+51.51	ROUTE D	LT	42
24	261+30.33	261+52.00	ROUTE D	RT	26
24	261+51.51	262+16.30	ROUTE D	LT	65
24	261+52.00	262+21.49	ROUTE D	RT	70
24	262+77.40	263+43.93	ROUTE D	LT	66
24	262+85.15	264+50.76	ROUTE D	RT	168
24	264+07.00	264+83.45	ROUTE D	LT	75
24,25	265+83.55	266+01.63	ROUTE D	LT	22
25,26	266+01.63	271+99.16	ROUTE D	LT	599
26	273+35.55	273+49.72	ROUTE D	LT	17
26	273+49.72	274+96.31	ROUTE D	LT	146
26	275+43.08	275+60.22	ROUTE D	LT	20
26,27	275+60.22	278+59.10	ROUTE D	LT	299
27	278+07.28	278+66.44	ROUTE D	RT	59
27	279+01.62	279+50.00	ROUTE D	RT	48
27	279+16.37	279+50.00	ROUTE D	LT	34
				TOTAL:	7995

QUANTITIES
SHEET 21 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE BELOW VERIFY THE AUTHENTICITY OF THE SEALED AND DATED PLANS.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_021_J6S3215_i1.dgn

ADJUST TO GRADE										
PLAN SHEET NO.	STATION	ROADWAY	LOCATION	ADJUSTING MANHOLE (EA)	ADJUST TO GRADE PULL BOX MODOT (EA)	ADJUST TO GRADE PULL BOX (EA)	ADJUST TO GRADE WATER VALVE (EA)	ADJUST TO GRADE WATER METER (EA)	CONCRETE MANHOLE COLLAR (EA)	REMARKS
5	180+04.16	ROUTE D	43.5' LT		1					
5	180+65.30	ROUTE D	48.5' LT	1					1	MSD #16K1-030S
5	180+80.82	ROUTE D	46.6' RT		1					
5	180+92.05	ROUTE D	47.2' LT		1					
5	181+98.04	ROUTE D	43.9' LT	1						MSD #16K2-002D
9	198+20.01	ROUTE D	36.0' LT		1					
9	199+98.67	ROUTE D	27.5' LT	1						MSD #16K2-074D
9	200+72.06	ROUTE D	37.8' LT	1						MSD #16K2-091S
10	203+86.97	ROUTE D	36.4' LT	1						MSD #16K2-090S
10	205+04.36	ROUTE D	37.2' LT	1						MSD #16K2-089S
10	205+45.45	ROUTE D	35.3' RT	1						MSD #UKN
11	207+37.80	ROUTE D	36.5' LT		1					
11	208+25.24	ROUTE D	37.63' RT	1						MSD #16K2-081S
12	211+28.48	ROUTE D	36.6' LT	1						MSD #16K2-079S
12	211+95.47	ROUTE D	38.0' RT	1						MSD #16K2-082S
12	212+42.24	ROUTE D	38.4' RT		1					
13	214+23.03	ROUTE D	38.9' LT	1						MSD #16K2-080S
13	214+77.75	ROUTE D	55.3' LT		1					
13	214+93.99	ROUTE D	33.0' LT						1	AMEREN #107
13	215+93.46	ROUTE D	36.3' LT	1						MSD #16K2-199D
13	216+29.37	ROUTE D	37.4' RT		1					
13	217+27.95	ROUTE D	36.4' RT	1						MSD #16K2-083S
13	217+37.53	ROUTE D	42.3' LT	1						MSD #16K2-084S
14	218+39.75	ROUTE D	41.8' LT	1						MSD #16K2-085S
14	220+23.23	ROUTE D	48.4' RT				1			
15	221+03.28	ROUTE D	35.8' RT	1						MSD #16K2-087S
15	221+70.63	ROUTE D	37.2' LT						1	
15	224+49.46	ROUTE D	38.8' LT	1						MSD #16J1-0192D
17	228+86.67	ROUTE D	48.8' LT	1						MSD #16J1-165D
17	229+05.65	ROUTE D	35.7' RT	1						MSD #16J1-144S
17	230+02.79	ROUTE D	49.9' LT					1		
17	230+02.94	ROUTE D	43.1' LT				1			
17	230+30.82	ROUTE D	98.2' LT	1						MSD #16J1-179D
17	230+43.43	ROUTE D	38.6' RT				1			
17	230+52.85	ROUTE D	47.9' LT	1						MSD #16J1-164D
17	230+60.33	ROUTE D	38.8' RT		1					
17	231+12.83	ROUTE D	26.9' RT	1					1	MSD #16J1-122S
17	231+33.57	ROUTE D	34.8' LT	1					1	MSD #16J1-0195D
17	231+43.81	ROUTE D	29.9' LT	1						MSD #16J1-121S
17	232+63.85	ROUTE D	48.7' RT				1			
17	233+48.07	ROUTE D	50.0' RT				1			
18	233+57.96	ROUTE D	48.6' LT			1				STL COUNTY
18	234+69.13	ROUTE D	56.6' LT				1			
18	234+89.20	ROUTE D	41.9' LT	1					1	
18	235+09.21	ROUTE D	56.1' RT			1				
18	235+14.35	ROUTE D	63.2' RT		1					
18	235+28.64	ROUTE D	29.8' LT	1					1	MSD #16J1-120S
18	235+72.57	ROUTE D	42.4' LT	1					1	MSD #16J1-005D
18	236+39.35	ROUTE D	74.1' RT			1				
18	237+24.55	ROUTE D	49.2' RT				1			
18	237+46.59	ROUTE D	42.9' LT			1				UNK
18	237+63.45	ROUTE D	41.5' RT	1						MSD #16J1-008S
18	237+87.60	ROUTE D	41.9' RT				1			
19	238+00.68	ROUTE D	42.8' LT			1				UNK
19	238+17.74	ROUTE D	42.4' RT				1			
19	238+59.33	ROUTE D	34.8' LT	1					1	MSD #16J1-003D
19	238+60.04	ROUTE D	40.9' RT				1			
19	238+96.13	ROUTE D	41.4' RT				1			
19	240+41.44	ROUTE D	46.7' LT					1		
19	241+25.84	ROUTE D	43.9' RT				1			
19	241+53.97	ROUTE D	42.9' RT				1			
19	241+62.61	ROUTE D	42.5' RT	1						MSD #16J4-058S
19	241+80.15	ROUTE D	28.9' LT	1					1	MSD #16J4-059S
19	241+96.08	ROUTE D	43.7' RT				1			
20.21	245+99.90	ROUTE D	41.4' RT	1						MSD #16J4-061S

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QUANTITIES
SHEET 22 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_022_J6S3215_i1.dgn

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ADJUST TO GRADE										
PLAN SHEET NO.	STATION	ROADWAY	LOCATION	ADJUSTING MANHOLE (EA)	ADJUST TO GRADE PULL BOX MODOT (EA)	ADJUST TO GRADE PULL BOX (EA)	ADJUST TO GRADE WATER VALVE (EA)	ADJUST TO GRADE WATER METER (EA)	CONCRETE MANHOLE COLLAR (EA)	REMARKS
21	250+45.36	ROUTE D	40.9' RT			1				UNK
22	251+79.24	ROUTE D	40.7' RT			1				UNK
22	253+02.82	ROUTE D	40.9' RT			1				UNK
22	254+50.40	ROUTE D	40.4' RT			1				UNK
22	255+26.35	ROUTE D	40.6' LT	1						MSD #UNK
23	256+32.43	ROUTE D	33.3' RT			1				UNK
23	256+33.76	ROUTE D	25.5' LT	1						MSD #16J4-102S
23	256+39.37	ROUTE D	33.4' RT	1						MSD #UNK
23	257+46.69	ROUTE D	33.5' RT			1				UNK
23	258+00.70	ROUTE D	33.2' RT	1						MSD #16J4-113D
23	258+85.75	ROUTE D	33.2' RT			1				UNK
23	259+53.29	ROUTE D	30.7' LT				1			
23	260+06.27	ROUTE D	33.0' RT			1				
23	260+35.49	ROUTE D	25.6' LT	1						MSD #16J4-037S
24	261+15.65	ROUTE D	33.3' RT			1				UNK
24	261+49.20	ROUTE D	33.2' RT	1						MSD #16J4-110D
24	261+65.92	ROUTE D	37.5' LT				1			
24	261+70.90	ROUTE D	40.9' LT				1			
24	261+71.24	ROUTE D	32.4' LT				1			
24	261+76.36	ROUTE D	24.4' LT				1			
24	262+86.53	ROUTE D	33.5' RT			1				UNK
24	263+63.18	ROUTE D	33.3' RT			1				UNK
24	264+36.71	ROUTE D	21.0' LT	1					1	MSD #16J3-005S
24	264+60.69	ROUTE D	21.6' RT	1					1	MSD #UNK
24	264+43.10	ROUTE D	33.5' RT			1				UNK
25	268+16.33	ROUTE D	26.3' LT	1						MSD #16J3-077S
26	271+77.97	ROUTE D	23.4' LT	1					1	MSD #16J3-070S
26	274+51.51	ROUTE D	33.4' RT	1					1	MSD #16J3-048D
26	274+97.78	ROUTE D	33.7' RT			1				UNK
26	275+76.54	ROUTE D	23.3' LT	1					1	MSD #16J3-063S
26	275+58.56	ROUTE D	33.2' RT	1						MSD #16J3-049D
26	275+63.16	ROUTE D	36.5' RT				1			
26	275+77.75	ROUTE D	14.6' LT	1						AT&T #3072
27	278+08.37	ROUTE D	34.1' RT			1				UNK
27	278+56.25	ROUTE D	33.8' RT	1						MSD #16J3-043D
27	278+99.73	ROUTE D	22.5' RT	1					1	MSD #16J3-018C
27	279+08.24	ROUTE D	34.0' RT			1				UNK
			TOTAL:	48	10	20	20	2	16	

QUANTITIES
SHEET 23 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_023_J6S3215_i1.dgn

EROSION CONTROL											
EROSION CONTROL SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	FURNISHING TYPE 1 ROCK BLANKET (CU YD)	PLACING TYPE 1 ROCK BLANKET (CU YD)	PERMANENT EROSION CONTROL GEOTEXTILE (SQ YD)
1	180+02.17	180+02.17	ROUTE D	53.1' RT	17						
1	180+02.67	180+57.74	ROUTE D	40.0' RT			1	61			
1	180+61.35	184+17.07	ROUTE D	68.5' RT			4	383			
1	180+63.52	181+04.50	ROUTE D	49.7' LT			1	56			
1	181+15.07	181+15.07	ROUTE D	32.4' RT		1	1				
1	181+46.99	181+64.83	ROUTE D	43.2' LT			1	18			
1	181+56.10	181+56.10	ROUTE D	33.1' LT		1	1				
1	181+70.50	181+70.50	ROUTE D	32.3' RT		1	1				
1	182+38.19	182+38.19	ROUTE D	33.9' LT		1	1				
1	182+38.20	182+38.20	ROUTE D	46.0' LT		1	1				
1	182+55.72	182+55.72	ROUTE D	32.1' RT		1	1				
2	183+20.53	183+20.53	ROUTE D	32.0' RT		1	1				
2	183+48.18	183+48.18	ROUTE D	47.3' LT	12						
2	183+55.52	183+69.55	ROUTE D	39.57' LT					6	6	17
2	183+62.35	183+62.35	ROUTE D	32.8' LT		1	1				
2	184+48.18	184+48.18	ROUTE D	46.1' LT	16						
2	184+74.19	186+30.92	ROUTE D	48.8' RT			2	162			
2	184+79.09	184+93.08	ROUTE D	34.3' LT					7	7	22
2	184+86.00	184+86.00	ROUTE D	27.9' LT		1	1				
2	185+18.00	185+18.00	ROUTE D	25.9' RT		1	1				
3	186+17.04	186+17.04	ROUTE D	43.6' LT	14						
3	186+34.00	186+34.00	ROUTE D	26.5' LT		1	1				
3	186+75.32	188+22.58	ROUTE D	44.8' RT			3	255			
3	186+77.04	186+77.04	ROUTE D	42.7' LT	12						
3	187+00.00	187+00.00	ROUTE D	26.1' RT		1	1				
3	187+92.88	187+92.88	ROUTE D	26.2' LT		1	1				
3	187+99.99	187+99.99	ROUTE D	26.5' RT		1	1				
3	188+26.20	188+26.20	ROUTE D	42.2' LT	16						
3	188+42.61	191+12.34	ROUTE D	40.5' RT			2	170			
3	188+59.26	188+59.26	ROUTE D	42.2' LT	18						
3	188+92.26	188+92.26	ROUTE D	42.2' LT	18						
3	189+25.26	189+25.26	ROUTE D	42.4' LT	16						
3	189+58.26	189+58.26	ROUTE D	42.5' LT	14						
3	189+60.00	189+60.00	ROUTE D	26.1' LT		1	1				
3	189+64.91	189+64.91	ROUTE D	26.8' RT		1	1				
3	189+67.04	189+81.05	ROUTE D	40.4' LT					4	4	11
3	190+34.10	190+34.10	ROUTE D	46.0' LT		1	1				
3	190+81.81	191+19.61	ROUTE D	46.4' LT			1	38			
4	191+00.58	191+00.58	ROUTE D	33.5' LT		1	1				
4	191+00.58	191+00.58	ROUTE D	33.5' LT		1	1				
4	191+69.68	192+05.71	ROUTE D	49.9' LT			1	36			
4	192+74.01	192+74.01	ROUTE D	42.5' LT	15						
4	192+86.98	193+68.54	ROUTE D	40.0' RT			1	82			
4	193+78.56	194+00.14	ROUTE D	38.9' RT			1	22			
4	195+25.82	195+25.82	ROUTE D	41.9' LT		1	1				
5	196+46.00	196+46.00	ROUTE D	26.7' RT		1	1				
5	197+31.21	197+31.21	ROUTE D	41.1' LT	15						
5	197+56.21	197+56.21	ROUTE D	42.8' LT	16						
5	197+82.64	197+82.64	ROUTE D	42.8' LT	17						
5	198+08.28	198+08.28	ROUTE D	45.7' LT	20						
5	198+30.00	198+30.00	ROUTE D	26.8' RT		1	1				
5	198+36.61	198+36.61	ROUTE D	44.2' LT	20						
5	198+63.61	198+63.61	ROUTE D	44.2' LT	20						
5	198+90.61	198+90.61	ROUTE D	44.2' LT	20						
5	199+17.61	199+17.61	ROUTE D	44.2' LT	18						
5	199+44.61	199+44.61	ROUTE D	44.2' LT	17						
5	199+71.61	199+71.61	ROUTE D	44.2' LT	17						
5	199+98.61	199+98.61	ROUTE D	44.2' LT	16						
5	200+37.00	200+37.00	ROUTE D	27.4' LT		1	1				
5	200+37.00	200+37.00	ROUTE D	27.0' LT		1	1				
5	200+55.43	200+55.43	ROUTE D	26.1' RT		1	1				
6	202+13.65	202+13.65	ROUTE D	26.2' RT		1	1				
6	202+70.00	202+70.00	ROUTE D	26.6' LT		1	1				
6	203+21.40	203+21.40	ROUTE D	28.5' LT		1	1				
6	203+23.82	203+23.82	ROUTE D	26.3' RT		1	1				
6	203+77.23	204+20.20	ROUTE D	40.5' RT			1	43			
6	203+86.41	204+52.24	ROUTE D	48.0' LT			1	66			
6	203+94.25	203+94.25	ROUTE D	30.9' LT		1	1				
6	203+95.60	203+95.60	ROUTE D	23.4' RT		1	1				

DISCLAIMER

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QUANTITIES
SHEET 24 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_024_J6S3215_i1.dgn

EROSION CONTROL											
EROSION CONTROL SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	FURNISHING TYPE 1 ROCK BLANKET (CU YD)	PLACING TYPE 1 ROCK BLANKET (CU YD)	PERMANENT EROSION CONTROL GEOTEXTILE (SQ YD)
6	204+07.89	204+07.89	ROUTE D	50.4' LT		1	1				
6	204+95.47	205+14.25	ROUTE D	40.5' LT			1	43			
6	205+17.37	205+17.37	ROUTE D	28.9' LT		1	1				
6	205+41.04	205+41.04	ROUTE D	43.6' LT		1	1				
6	205+70.57	205+70.57	ROUTE D	26.6' RT		1	1				
6	205+76.09	205+76.09	ROUTE D	43.3' LT	12						
7	206+06.09	206+06.09	ROUTE D	42.0' LT	12						
7	206+36.09	206+36.09	ROUTE D	42.0' LT	12						
7	206+64.99	206+64.99	ROUTE D	26.7' LT		1	1				
7	206+66.09	206+66.09	ROUTE D	42.1' LT	12						
7	206+96.09	206+96.09	ROUTE D	42.1' LT	12						
7	207+05.97	207+05.97	ROUTE D	26.2' RT		1	1				
7	207+26.09	207+26.09	ROUTE D	42.3' LT	12						
7	207+56.09	207+56.09	ROUTE D	42.3' LT	12						
7	207+74.69	207+74.69	ROUTE D	26.4' RT		1	1				
7	208+10.00	208+10.00	ROUTE D	26.5' LT		1	1				
7	208+94.61	208+94.61	ROUTE D	26.6' RT		1	1				
7	209+98.55	209+98.55	ROUTE D	26.3' LT		1	1				
7	210+65.00	210+65.00	ROUTE D	31.3' RT		1	1				
8	211+79.99	211+79.99	ROUTE D	33.8' RT		1	1				
8	211+90.01	211+90.01	ROUTE D	30.6' LT		1	1				
8	212+88.00	212+88.00	ROUTE D	31.9' LT		1	1				
9	214+90.88	214+90.88	ROUTE D	66.3' LT		1	1				
9	215+38.98	215+77.73	ROUTE D	45.4' RT			1	47			
9	215+41.63	215+41.63	ROUTE D	63.6' LT		1	1				
9	217+66.26	217+66.26	ROUTE D	31.9' LT		1	1				
10	218+40.59	218+79.52	ROUTE D	45.5' RT			1	42			
10	218+99.62	219+42.32	ROUTE D	45.4' RT			1	43			
10	219+30.44	219+30.44	ROUTE D	34.0' RT		1	1				
10	219+30.56	219+30.56	ROUTE D	31.8' LT		1	1				
11	221+42.64	221+42.64	ROUTE D	33.6' LT		1	1				
11	221+89.55	221+89.55	ROUTE D	40.3' LT		1	1				
11	222+09.79	222+09.79	ROUTE D	34.4' LT		1	1				
11	224+49.44	224+49.44	ROUTE D	32.4' LT		1	1				
11	224+49.90	224+49.90	ROUTE D	34.9' RT		1	1				
12	227+13.35	227+13.35	ROUTE D	33.9' LT		1	1				
12	227+84.43	227+84.43	ROUTE D	32.8' LT		1	1				
12	228+41.40	228+41.40	ROUTE D	33.9' LT		1	1				
13	229+11.43	229+34.95	ROUTE D	46.3' RT			1	24			
13	229+75.10	230+10.23	ROUTE D	44.9' RT			1	35			
13	230+51.37	230+88.33	ROUTE D	44.9' RT			1	49			
13	230+94.81	230+94.81	ROUTE D	66.7' LT		1	1				
13	230+98.11	230+98.11	ROUTE D	68.8' LT		1	1				
13	231+67.31	231+67.31	ROUTE D	32.6' RT		1	1				
13	231+88.85	231+88.85	ROUTE D	38.5' LT		1	1				
13	231+91.18	232+22.00	ROUTE D	57.6' RT			1	53			
13	232+32.92	232+32.92	ROUTE D	34.8' RT		1	1				
13	232+81.96	233+56.81	ROUTE D	54.4' RT			1	75			
14	233+70.25	233+70.25	ROUTE D	53.2' LT		1	1				
14	234+35.93	234+35.93	ROUTE D	41.3' LT		1	1				
14	234+97.82	234+97.82	ROUTE D	78.1' LT		1	1				
14	235+72.57	235+72.57	ROUTE D	62.4' LT		1	1				
15	238+08.17	238+08.17	ROUTE D	38.7' LT		1	1				
15	238+58.38	238+58.38	ROUTE D	33.0' RT		1	1				
15	240+45.41	240+45.41	ROUTE D	37.5' LT		1	1				
15	241+95.04	241+95.04	ROUTE D	33.5' RT		1	1				
16	242+00.16	242+00.16	ROUTE D	31.5' LT		1	1				
16	242+66.74	242+66.74	ROUTE D	35.6' LT		1	1				
16	242+66.95	242+66.95	ROUTE D	32.7' RT		1	1				
16	243+03.86	243+24.28	ROUTE D	50.6' LT			1	42			
16	243+63.41	244+99.11	ROUTE D	46.3' LT			1	139			
16	243+77.25	243+77.25	ROUTE D	34.0' LT		1	1				
16	243+80.41	243+80.41	ROUTE D	33.7' RT		1	1				
17	250+52.53	250+52.53	ROUTE D	33.8' RT		1	1				
17	250+82.09	250+82.09	ROUTE D	62.6' RT		1	1				
18	251+43.58	252+23.32	ROUTE D	49.1' LT			1	80			
18	251+99.83	251+99.83	ROUTE D	32.1' RT		1	1				
18	252+73.50	252+94.20	ROUTE D	49.2' LT			1	21			
18	252+78.29	252+78.29	ROUTE D	47.8' LT		1	1				

DISCLAIMER

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EROSION CONTROL											
EROSION CONTROL SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	ROCK DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CU YD)	SILT FENCE (LF)	FURNISHING TYPE 1 ROCK BLANKET (CU YD)	PLACING TYPE 1 ROCK BLANKET (CU YD)	PERMANENT EROSION CONTROL GEOTEXTILE (SQ YD)
18	252+86.11	253+17.12	ROUTE D	43.9' RT			1	31			
18	253+23.57	253+92.80	ROUTE D	47.4' LT			1	69			
18	254+24.69	254+60.45	ROUTE D	47.6' LT			1	36			
18	254+60.04	254+60.04	ROUTE D	32.1' RT		1	1				
18	254+97.78	255+56.88	ROUTE D	59.3' LT			1	59			
18	255+25.99	255+25.99	ROUTE D	30.8' LT		1	1				
18	255+26.20	255+26.20	ROUTE D	30.2' RT		1	1				
19	256+39.71	256+39.71	ROUTE D	25.3' LT		1	1				
19	258+00.07	258+00.07	ROUTE D	28.1' LT		1	1				
20	261+49.88	261+49.88	ROUTE D	29.9' LT		1	1				
20	261+50.07	261+50.07	ROUTE D	27.8' LT		1	1				
21	266+00.01	266+00.01	ROUTE D	27.9' RT		1	1				
21	266+00.04	266+00.04	ROUTE D	30.1' LT		1	1				
21	268+84.51	268+84.51	ROUTE D	26.6' LT		1	1				
22	273+48.26	273+48.26	ROUTE D	29.5' LT		1	1				
22	275+58.68	275+58.68	ROUTE D	28.1' RT		1	1				
22	275+58.79	275+58.79	ROUTE D	29.5' LT		1	1				
23	278+57.13	278+57.13	ROUTE D	25.7' LT		1	1				
23	278+57.44	278+57.44	ROUTE D	25.3' RT		1	1				
				TOTAL:	448	95	132	2280	16	16	49

QUANTITIES
SHEET 25 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE ON THIS SHEET ARE ONLY VALID WHEN SIGNED, SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_025_J6S3215_i1.dgn

CURB RAMPS				
PLAN SHEET NO.	STATION	BASELINE	LOCATION	CONC. CURB RAMP (EA)
5	180+52.89	ROUTE D	RT	1
5	180+62.58	ROUTE D	RT	1
5	180+93.28	ROUTE D	LT	1
5	180+93.41	ROUTE D	RT	1
5	181+04.37	ROUTE D	RT	1
5	181+44.70	ROUTE D	LT	1
5	181+67.22	ROUTE D	LT	1
5	182+14.21	ROUTE D	LT	1
5	182+55.42	ROUTE D	LT	1
6	183+38.30	ROUTE D	LT	1
6	184+13.22	ROUTE D	RT	1
6	184+86.22	ROUTE D	RT	1
6	185+11.84	ROUTE D	LT	1
7	186+12.36	ROUTE D	LT	1
7	186+28.99	ROUTE D	RT	1
7	186+80.93	ROUTE D	RT	1
7	187+22.75	ROUTE D	LT	1
7	187+76.53	ROUTE D	LT	1
7	188+11.83	ROUTE D	RT	1
7	188+11.89	ROUTE D	LT	1
7	189+22.48	ROUTE D	RT	1
7	189+45.06	ROUTE D	RT	1
7	190+28.17	ROUTE D	LT	1
7,8	191+10.53	ROUTE D	RT	1
8	191+37.44	ROUTE D	RT	1
8	191+98.13	ROUTE D	RT	1
8	192+44.82	ROUTE D	LT	1
8	192+95.81	ROUTE D	RT	1
8	193+66.57	ROUTE D	RT	1
8	194+12.51	ROUTE D	RT	1
8	194+57.06	ROUTE D	RT	1
8	194+81.42	ROUTE D	LT	1
8	195+04.94	ROUTE D	RT	1
8	195+34.62	ROUTE D	LT	1
9	196+30.05	ROUTE D	LT	1
9	196+86.44	ROUTE D	RT	1
9	197+22.25	ROUTE D	LT	1
9	197+36.71	ROUTE D	RT	1
9	198+57.25	ROUTE D	RT	1
9	200+74.74	ROUTE D	LT	1
10	201+07.39	ROUTE D	LT	1
10	201+91.25	ROUTE D	RT	1
10	202+21.38	ROUTE D	LT	1
10	202+43.92	ROUTE D	RT	1
10	202+51.84	ROUTE D	LT	1
10	202+98.35	ROUTE D	RT	1
10	203+40.64	ROUTE D	RT	1
10	203+42.32	ROUTE D	LT	1
10	203+77.26	ROUTE D	RT	1
10	204+05.25	ROUTE D	RT	1
10	204+05.25	ROUTE D	LT	1
10	204+46.92	ROUTE D	RT	1
10	204+55.04	ROUTE D	LT	1
10	204+96.16	ROUTE D	LT	1
10	205+39.03	ROUTE D	LT	1
10	205+44.14	ROUTE D	RT	1
10	205+73.12	ROUTE D	LT	1
10	205+93.83	ROUTE D	RT	1
11	208+46.79	ROUTE D	LT	1
11	208+49.83	ROUTE D	RT	1
11	208+98.68	ROUTE D	LT	1
11	209+93.68	ROUTE D	RT	1
11	210+39.70	ROUTE D	RT	1
12	211+18.27	ROUTE D	RT	1
12	211+51.71	ROUTE D	RT	1
12	212+31.76	ROUTE D	LT	1
12	212+61.73	ROUTE D	LT	1
13	213+31.62	ROUTE D	RT	1
13	213+69.88	ROUTE D	RT	1
13	214+52.51	ROUTE D	LT	1
13	214+58.18	ROUTE D	RT	1
13	214+58.51	ROUTE D	LT	1

CURB RAMPS				
PLAN SHEET NO.	STATION	BASELINE	LOCATION	CONC. CURB RAMP (EA)
13	214+90.22	ROUTE D	LT	1
13	215+23.57	ROUTE D	RT	1
13	215+39.21	ROUTE D	RT	1
13	215+44.01	ROUTE D	LT	1
13	215+55.57	ROUTE D	LT	1
13	215+63.76	ROUTE D	RT	1
13	216+21.83	ROUTE D	RT	1
13	216+67.07	ROUTE D	RT	1
13	217+13.93	ROUTE D	RT	1
13	217+24.78	ROUTE D	LT	1
13	217+51.43	ROUTE D	LT	1
13	217+56.51	ROUTE D	RT	1
13	217+86.97	ROUTE D	RT	1
14	218+29.80	ROUTE D	RT	1
14	218+42.28	ROUTE D	RT	1
14	218+78.50	ROUTE D	RT	1
14	220+02.53	ROUTE D	RT	1
14	220+78.32	ROUTE D	RT	1
14,15	221+04.16	ROUTE D	LT	1
15	221+54.31	ROUTE D	LT	1
15	221+99.41	ROUTE D	LT	1
15	222+41.65	ROUTE D	RT	1
15	223+18.47	ROUTE D	LT	1
15	223+45.59	ROUTE D	LT	1
15	224+75.25	ROUTE D	LT	1
16	226+13.78	ROUTE D	LT	1
16	226+66.89	ROUTE D	LT	1
16	227+58.40	ROUTE D	LT	1
16	227+97.68	ROUTE D	LT	1
16	228+33.12	ROUTE D	LT	1
17	228+68.40	ROUTE D	LT	1
17	229+03.73	ROUTE D	LT	1
17	229+43.67	ROUTE D	LT	1
17	229+76.00	ROUTE D	RT	1
17	229+78.15	ROUTE D	LT	1
17	230+11.23	ROUTE D	RT	1
17	230+28.10	ROUTE D	LT	1
17	230+68.53	ROUTE D	LT	1
18	231+00.15	ROUTE D	RT	1
17	231+55.76	ROUTE D	LT	1
18	231+88.52	ROUTE D	RT	1
17	232+60.31	ROUTE D	LT	1
17	233+39.11	ROUTE D	LT	1
18	233+71.21	ROUTE D	LT	1
18	234+19.11	ROUTE D	LT	1
18	234+87.61	ROUTE D	LT	1
18	235+06.69	ROUTE D	RT	1
18	235+19.94	ROUTE D	RT	1
18	235+72.57	ROUTE D	LT	1
18	235+90.06	ROUTE D	LT	1
18	236+29.94	ROUTE D	RT	1
18	236+34.25	ROUTE D	RT	1
18	236+64.45	ROUTE D	LT	1
18	236+89.84	ROUTE D	LT	1
19	238+27.55	ROUTE D	LT	1
19	238+77.36	ROUTE D	LT	1
19	240+78.18	ROUTE D	LT	1
19	241+17.94	ROUTE D	LT	1
19	241+54.18	ROUTE D	LT	1
19	241+54.18	ROUTE D	RT	1
20	243+21.59	ROUTE D	RT	1
20	243+27.79	ROUTE D	LT	1
20	243+64.63	ROUTE D	LT	1
20	243+65.01	ROUTE D	RT	1
21	250+56.40	ROUTE D	RT	1
22	251+37.75	ROUTE D	LT	1
22	252+27.91	ROUTE D	LT	1
22	253+16.10	ROUTE D	RT	1
22	253+19.40	ROUTE D	LT	1
22	253+95.97	ROUTE D	LT	1
22	254+24.21	ROUTE D	LT	1
22	254+60.95	ROUTE D	LT	1

CURB RAMPS				
PLAN SHEET NO.	STATION	BASELINE	LOCATION	CONC. CURB RAMP (EA)
22	254+98.09	ROUTE D	LT	1
22	255+56.52	ROUTE D	LT	1
22	255+88.41	ROUTE D	LT	1
23	256+19.79	ROUTE D	RT	1
23	256+23.72	ROUTE D	LT	1
23	256+53.62	ROUTE D	LT	1
23	257+06.67	ROUTE D	LT	1
23	257+27.19	ROUTE D	RT	1
23	257+50.73	ROUTE D	LT	1
23	258+34.82	ROUTE D	LT	1
23	258+83.84	ROUTE D	LT	1
23	259+40.77	ROUTE D	RT	1
23	259+58.74	ROUTE D	LT	1
23	260+82.85	ROUTE D	LT	1
23,24	260+97.32	ROUTE D	RT	1
24	262+28.89	ROUTE D	LT	1
24	262+35.32	ROUTE D	RT	1
24	262+65.95	ROUTE D	LT	1
24	262+71.36	ROUTE D	RT	1
24	263+53.46	ROUTE D	LT	1
24	263+97.51	ROUTE D	LT	1
24	265+00.07	ROUTE D	LT	1
24	265+65.37	ROUTE D	LT	1
26	272+11.96	ROUTE D	LT	1
26	273+18.23	ROUTE D	LT	1
26	274+78.82	ROUTE D	RT	1
26	275+08.45	ROUTE D	LT	1
26	275+27.16	ROUTE D	LT	1
26	275+71.91	ROUTE D	RT	1
27	277+91.49	ROUTE D	RT	1
27	278+70.15	ROUTE D	LT	1
27	278+76.20	ROUTE D	RT	1
27	278+92.33	ROUTE D	RT	1
27	278+99.00	ROUTE D	LT	1
			TOTAL:	178

DISCLAIMER

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QUANTITIES
SHEET 26 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_026_J6S3215_i1.dgn

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DRAINAGE STRUCTURES

DRAINAGE PLAN SHEET NO.	ROADWAY	STATION	LOCATION	STRUCTURE NO.	48-IN PRECAST CONCRETE MANHOLE (LF)	60-IN PRECAST CONCRETE MANHOLE (LF)	MANHOLE FRAME AND COVER TYPE 1-A (EA)	MANHOLE FRAME AND COVER TYPE 1-B (EA)	PRECAST CONC. DROP INLET 2'x2' (LF)	PRECAST CONC. DROP INLET 2'x4' (LF)	PRECAST CONC. DROP INLET 3'x2' (LF)	PRECAST CONC. DROP INLET MOD X (EA)	SPECIAL DRAINAGE STRUCTURE INLET WITH BASE EXTENSION (EA)	CURVED VANE GRATE AND FRAME (2 FT X 2FT) (EA)	CURVED VANE GRATE AND FRAME (4 FT X 2FT) (EA)	GRATE AND BEARING PLATE (3 FT X 2 FT) (EA)	18-IN FLARED END SECTION (EA)	24-IN FLARED END SECTION (EA)	SIDEWALK TRENCH DRAIN (EA)	TYPE A GUTTER (LF)	INLET TOP REPLACE-MENT (EA)	INLET TOP AND HOOD REPLACE-MENT (EA)	CLASS 3 EXCAVAT-ION (CY)
5	ROUTE D	181+15.06	RT	1-20								1		1									4
5	ROUTE D	181+56.18	LT	UNK																		1	
5	ROUTE D	181+70.50	RT	1-21								1		1									4
5	ROUTE D	182+38.19	LT	1-31									1	1									5
5	ROUTE D	182+38.19	LT	1-40							3					1							3
5	ROUTE D	182+55.82	RT	1-22								1		1									4
5	ROUTE D	182+92.73	LT	1-71		4	1																8
5	ROUTE D	182+93.58	LT	1-70					4					1									2
6	ROUTE D	183+20.52	RT	1-23								1		1									4
6	ROUTE D	183+62.35	LT	1-50															1				
6	ROUTE D	184+86.00	LT	1-60															1				
6	ROUTE D	185+18.00	RT	1-24								1		1									4
7	ROUTE D	186+05.20	RT	2-2		13		1															16
7	ROUTE D	186+14.34	LT	2-3		6		1															6
7	ROUTE D	186+34.00	LT	2-4								1		1									4
7	ROUTE D	187+00.00	RT	2-7								1		1									4
7	ROUTE D	187+78.09	LT	2-31	3			1															3
7	ROUTE D	187+92.89	LT	2-5								1		1									4
7	ROUTE D	188+00.00	RT	2-8								1		1									4
7	ROUTE D	188+21.07	LT	2-30														1					
7	ROUTE D	189+60.03	LT	2-6								1		1									4
7	ROUTE D	189+64.92	RT	2-9								1		1									4
7	ROUTE D	189+84.78	LT	2-26														1					3
7	ROUTE D	190+31.29	LT	2-25		5		1															6
7	ROUTE D	190+34.10	LT	2-24						4					1								4
7.8	ROUTE D	191+00.58	LT	2-23						5					1								4
8	ROUTE D	192+03.10	LT	2-22		4		1															6
8	ROUTE D	192+05.71	LT	2-21						4					1								4
8	ROUTE D	192+68.58	LT	2-20													1						2
8	ROUTE D	195+37.94	LT	N/A																13			
9	ROUTE D	196+46.00	RT	3-34B								1		1									4
9	ROUTE D	198+30.00	RT	3-34								1		1									4
9	ROUTE D	199+19.17	LT	3-31								1		1									4
9	ROUTE D	199+20.00	LT	3-15		10		1															12
9	ROUTE D	199+88.97	RT	MSD #16K2-110D																	1		
9	ROUTE D	200+37.00	LT	3-27B								1		1									4
9	ROUTE D	200+55.43	RT	3-39B									1	1									5
10	ROUTE D	201+70.00	LT	3-27								1		1									4
10	ROUTE D	202+13.73	RT	MSD #16K2-072D																		1	
10	ROUTE D	202+69.99	LT	3-26B								1		1									4
10	ROUTE D	203+21.40	LT	3-26								1		1									4
10	ROUTE D	203+23.78	RT	MSD #16K2-071D																		1	
10	ROUTE D	203+94.25	LT	3-25								1		1									5
10	ROUTE D	203+95.65	RT	3-9		7		1															10
10	ROUTE D	203+95.67	RT	3-37								1		1									4
10	ROUTE D	204+54.47	RT	3-17		6		1															8
10	ROUTE D	205+15.35	LT	3-4B		6		1															8
10	ROUTE D	205+17.38	LT	3-4								1		1									5
10	ROUTE D	205+45.96	RT	3-19	5			1															5

QUANTITIES
SHEET 27 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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DRAINAGE STRUCTURES

DRAINAGE PLAN SHEET NO.	ROADWAY	STATION	LOCATION	STRUCTURE NO.	48-IN PRECAST CONCRETE MANHOLE (LF)	60-IN PRECAST CONCRETE MANHOLE (LF)	MANHOLE FRAME AND COVER TYPE 1-A (EA)	MANHOLE FRAME AND COVER TYPE 1-B (EA)	PRECAST CONC. DROP INLET 2'x2' (LF)	PRECAST CONC. DROP INLET 2'x4' (LF)	PRECAST CONC. DROP INLET 3'x2' (LF)	PRECAST CONC. DROP INLET MOD X (EA)	SPECIAL DRAINAGE STRUCTURE INLET WITH BASE EXTENSION (EA)	CURVED VANE GRATE AND FRAME (2 FT X 2FT) (EA)	CURVED VANE GRATE AND FRAME (4 FT X 2FT) (EA)	GRATE AND BEARING PLATE (3 FT X 2 FT) (EA)	18-IN FLARED END SECTION (EA)	24-IN FLARED END SECTION (EA)	SIDEWALK TRENCH DRAIN (EA)	TYPE A GUTTER (LF)	INLET TOP REPLACE-MENT (EA)	INLET TOP AND HOOD REPLACE-MENT (EA)	CLASS 3 EXCAVAT-ION (CY)
10	ROUTE D	205+70.60	RT	3-20								1		1									4
11	ROUTE D	206+65.00	LT	3-5								1		1									4
11	ROUTE D	207+05.97	RT	3-21								1		1									4
11	ROUTE D	207+74.69	RT	3-21B								1		1									4
11	ROUTE D	208+10.00	LT	3-6								1		1									4
11	ROUTE D	208+94.61	RT	3-22								1		1									4
11	ROUTE D	209+98.54	LT	3-7								1		1									4
11	ROUTE D	210+65.00	RT	3-23								1		1									4
12	ROUTE D	211+80.00	RT	3-24								1		1									4
12	ROUTE D	211+90.00	LT	3-8								1		1									4
12	ROUTE D	212+88.00	LT	3-8B								1		1									4
13	ROUTE D	214+90.88	LT	MSD #16K2-197D																		1	
13	ROUTE D	215+41.63	LT	MSD #16K2-198D																		1	
15	ROUTE D	221+42.64	LT	MSD #16K2-203D																		1	
15	ROUTE D	221+89.55	RT	MSD #16J1-182D																		1	
15	ROUTE D	222+09.79	LT	MSD #16J1-181D																		1	
15	ROUTE D	224+49.44	LT	MSD #16J1-161D																		1	
16	ROUTE D	227+13.35	LT	MSD #16J1-151D																	1		
16	ROUTE D	227+84.42	LT	MSD #16J1-149D																		1	
16	ROUTE D	228+41.40	LT	MSD #16J1-150D																	1		
17	ROUTE D	231+67.31	RT	MSD #UNK																	1		
17	ROUTE D	231+88.85	LT	4-1									1	1									4
18	ROUTE D	234+35.93	LT	4-2									1	1									5
18	ROUTE D	234+97.82	LT	4-3								1		1									4
18	ROUTE D	235+72.57	LT	MSD #16J1-006D																		1	
19	ROUTE D	238+08.17	LT	MSD #16J1-008D																	1		
19	ROUTE D	238+58.38	RT	MSD #16J1-004D																		1	
19	ROUTE D	240+45.41	LT	MSD #16J4-126D																	1		
19	ROUTE D	241+95.04	RT	MSD #16J4-121D																		1	
19,20	ROUTE D	242+00.16	LT	MSD #16J4-122D																		1	
20	ROUTE D	242+66.74	LT	MSD #16J4-123D																	1		
20	ROUTE D	242+66.95	RT	MSD #16J4-121D																		1	
20	ROUTE D	243+77.25	LT	MSD #16J4-124D																		1	
20	ROUTE D	243+80.41	RT	MSD #UNK																		1	
23	ROUTE D	256+39.71	RT	MSD #16J4-108D																		1	
25	ROUTE D	268+84.51	LT	MSD #16J3-064D																		1	
27	ROUTE D	278+57.13	LT	MSD #16J3-046D																	1		
27	ROUTE D	278+57.44	RT	MSD #16J3-045D																		1	
				TOTALS:	8	61	1	10	4	13	3	33	4	38	3	1	1	2	2	13	8	20	263

QUANTITIES
SHEET 28 OF 41

003_QU_028_J6S3215_i1.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	07.21.23	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DRAINAGE PIPES													
DRAINAGE PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	FROM STRUCTURE	TO STRUCTURE	GROUP A 12" PIPE (LF)	GROUP A 15" PIPE (LF)	GROUP A 18" PIPE (LF)	GROUP A 24" PIPE (LF)	12" TYPE A PIPE COLLAR (EA)	CULVERT CLEANOUT (EA)	CLASS 3 EXCAVATION (CY)
5	ROUTE D	180+04.18	182+25.76	RT	16K1-112D	EX 96"X60" RCB						1	
5	ROUTE D	180+33.07	180+43.78	RT	EX JUNCTION	16K1-113D						1	
5	ROUTE D	180+78.33	181+25.56	RT	16K1-115D	EX JUNCTION						1	
5	ROUTE D	181+16.06	181+69.50	RT	1-20	1-21			53				31
5	ROUTE D	181+56.18	182+03.74	LT	MSD #UNKNOWN	EX 96"X60" RCB						1	
5	ROUTE D	181+98.04	182+75.25	LT & RT	16K2-002D	EX 96"X60" RCB OUTLET						1	
5	ROUTE D	181+71.50	182+36.04	RT	1-21	EX PIPE			65				38
5,6	ROUTE D	182+06.51	183+46.39	LT	EX 96"X60" RCB	16K2-006D						1	
5	ROUTE D	182+38.19	182+38.19	LT	1-40	1-31			10				6
5	ROUTE D	182+39.19	182+90.23	LT	1-31	1-71				52			34
5	ROUTE D	182+45.20	182+54.82	RT	EX PIPE	1-22			10				7
5, 6	ROUTE D	182+56.82	183+19.52	RT	1-22	1-23			63				38
5	ROUTE D	182+93.58	182+93.06	LT	1-70	1-71		4					2
6	ROUTE D	183+21.52	185+17.00	RT	1-23	1-24		196					98
6,7	ROUTE D	185+99.57	186+16.85	LT & RT	MSD #UNKNOWN	MSD #UNKNOWN						1	
7	ROUTE D	186+07.69	186+99.00	RT	2-2	2-7		92					49
7	ROUTE D	186+16.84	186+33.00	LT	2-3	2-4			17				11
7	ROUTE D	186+35.00	187+91.89	LT	2-4	2-5			157				95
7	ROUTE D	187+00.00	188+00.00	RT	2-7	2-8		98					54
7	ROUTE D	187+80.09	188+21.08	LT	2-31	2-30				41			8
7	ROUTE D	187+93.89	189+59.00	LT	2-5	2-6			165				101
7	ROUTE D	188+01.00	189+63.92	RT	2-8	2-9		163					91
7	ROUTE D	189+84.78	190+28.80	LT	2-26	2-25				45			21
7	ROUTE D	190+32.30	190+33.68	LT	2-25	2-24			4				2
7	ROUTE D	190+33.78	199+99.58	LT	2-25	2-23			67				37
8	ROUTE D	191+01.58	192+00.61	LT	2-23	2-22			100				57
8	ROUTE D	192+04.04	192+05.32	LT	2-22	2-21			4				2
8	ROUTE D	192+05.60	192+68.58	LT	2-22	2-20			64				25
9	ROUTE D	196+47.03	198+29.00	RT	3-34B	3-34		177					109
9	ROUTE D	198+03.49	199+98.67	LT	MSD #UNKNOWN	16K2-074D						1	
9	ROUTE D	198+31.00	199+87.97	RT	3-34	MSD #16K2-110D		157					77
9	ROUTE D	199+19.17	199+19.71	LT	3-31	3-15		5					3
9, 10	ROUTE D	199+88.97	204+04.23	RT	16K2-110D	EX 96"X72" RCB						1	
9	ROUTE D	199+98.67	200+11.99	LT & RT	16K2-074D	EX JUNCTION						1	
9	ROUTE D	200+01.17	200+36.00	LT	MSD #16K2-074D	3-27B			35				25
10	ROUTE D	201+71.00	202+68.99	LT	3-27	3-26B		98					55
10	ROUTE D	202+13.53	202+13.73	RT	EX JUNCTION	16K2-072D						1	
10	ROUTE D	202+70.99	203+20.40	LT	3-26B	3-26		49					28
10	ROUTE D	203+22.40	203+93.25	LT	3-26	3-25		71					45
10	ROUTE D	203+23.31	203+23.78	RT	EX JUNCTION	16K2-071D						1	
10	ROUTE D	203+95.25	204+02.95	LT	3-25	EXIST PIPE		8					7
10	ROUTE D	203+95.67	203+95.65	RT	3-37	3-9		2					2
10	ROUTE D	204+00.95	204+07.90	LT & RT	16K2-107D	16K2-108D						1	
10	ROUTE D	204+04.29	204+54.47	RT	16K2-107D	16K2-069D						1	
10	ROUTE D	204+11.90	205+12.86	LT	MSD #16K2-108D	3-4B				101			109
10	ROUTE D	204+56.97	205+43.96	RT	3-17	3-19				87			69
10	ROUTE D	205+15.71	205+17.44	LT	3-4B	3-4				12			11
10	ROUTE D	205+17.85	205+37.04	LT	3-4B	MSD #16K2-065D				20			20
10,11	ROUTE D	205+18.38	206+64.00	LT	3-4	3-5			146				89
10	ROUTE D	205+37.04	204+74.50	LT	16K2-065D	16K2-066D						1	
10	ROUTE D	205+42.68	205+45.96	RT	MSD #UNKNOWN	16K2-067D						1	
10	ROUTE D	205+47.96	205+69.60	RT	3-19	3-20				22			18
10,11	ROUTE D	205+71.60	207+04.97	RT	3-20	3-21			133				80
11	ROUTE D	206+66.00	208+09.00	LT	3-5	3-6			143				90
11	ROUTE D	207+06.97	207+73.69	RT	3-21	3-21B		67					36
11	ROUTE D	207+75.69	208+93.61	RT	3-21B	3-22		118					65
11	ROUTE D	208+11.00	209+97.54	LT	3-6	3-7		187					104
11	ROUTE D	208+95.61	210+64.00	RT	3-22	3-23		169					102
11,12	ROUTE D	209+99.54	211+89.00	LT	3-7	3-8		190					118
11,12	ROUTE D	210+66.00	211+79.00	RT	3-23	3-24		113					66
12	ROUTE D	211+91.00	212+87.00	LT	3-8	3-8B		96					57
17,18	ROUTE D	231+88.85	234+28.56	LT	16J1-133D	16J1-0191D						1	
17	ROUTE D	234+28.56	234+89.20	LT	16J1-0191D	16J1-131D						1	
18	ROUTE D	234+28.56	234+34.93	LT	EX PIPE	4-2	7				1		3
18	ROUTE D	234+89.20	234+97.99	LT	16J1-131D	16J1-132D						1	
						TOTALS:	7	2060	1236	380	1	19	2195

VIDEO INSPECTION OF SEWERS	
TOTAL	1 LUMP SUM

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QUANTITIES
SHEET 29 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
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0	072123	FINAL PS&E

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MoDOT J6S3215 - ROUTE D PROJECT

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DRAINAGE REMOVALS

DRAINAGE PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	LENGTH LF	EACH	DESCRIPTION OF REMOVAL
5	ROUTE D	182+37.19	182+50.02	LT	13		24" RCP
5	ROUTE D	182+50.02	182+95.21	LT	46		24" RCP
5	ROUTE D	182+42.83	182+50.02	LT	15		12" RCP
5	ROUTE D	182+50.02		LT		1	MSD #16K1-007D
7	ROUTE D	190+27.51		LT		1	MSD #UNKNOWN
7,8	ROUTE D	190+10.11	192+56.67	LT	247		15" CMP
8	ROUTE D	191+99.97		LT		1	MSD #UNKNOWN
8	ROUTE D	192+56.67		LT		1	15" FES
10	ROUTE D	203+23.93		LT		1	MSD #UNKNOWN
10	ROUTE D	203+23.93	204+06.77	LT	83		18" RCP
10	ROUTE D	203+89.97		RT		1	MSD #16K2-070D
10	ROUTE D	203+89.97	203+90.10	RT	4		12" RCP
10	ROUTE D	204+07.90	205+37.04	LT	129		24" RCP
10	ROUTE D	204+54.47	205+45.96	RT	92		24" RCP
10	ROUTE D	204+54.47		RT		1	MSD #16K2-069D
10	ROUTE D	204+90.82		RT		1	MSD #16K2-068D
10	ROUTE D	205+45.96		RT		1	MSD #16K2-067D
11	ROUTE D	207+89.17		RT		1	MSD #UNKNOWN
11	ROUTE D	207+88.82	207+89.17	RT	10		12" RCP
11	ROUTE D	208+94.92		RT		1	MSD #UNKNOWN
17	ROUTE D	228+68.40	229+03.21	LT	35		TRENCH DRAIN
17	ROUTE D	229+44.16	229+78.05	LT	34		TRENCH DRAIN
17	ROUTE D	231+88.85		LT		1	MSD #16J1-133D
18	ROUTE D	234+28.56		LT		1	MSD #16J1-0191D
18	ROUTE D	234+97.99		LT		1	MSD #16J1-132D
				TOTALS:	707	14	

NOTES:

DRAINAGE REMOVALS TO BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS, 1 LUMP SUM.

QUANTITIES
SHEET 30 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_030_J6S3215_i1.dgn

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COLDMILLING AND PAVEMENT

PLAN SHEET NO.	FROM STATION	TO STATION	BASELINE	LOCATION	COLDMILLING BITUMINOUS PAVEMENT (GREATER THAN 3 IN. THICK) (SQ YD)	MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SQ YD)	ASPHALTIC CONCRETE MIX PG 76-22 (SP125CLP) (TON)	ASPHALTIC CONCRETE MIX PG 76-22 (SP125C) (TON)	OPTIONAL PAVEMENT (SQ YD)	TACK COAT (LOW TRACKING OR NON-TRACKING) (GAL)	REMARKS
1	164+33.16	166+00.00	ROUTE D	LT/RT	942		100.8	100.8		141	
2	166+00.00	169+00.00	ROUTE D	LT/RT	2836		303.6	303.6		425	
3	169+00.00	172+44.69	ROUTE D	LT/RT	2681		287.0	287.0		402	
4	174+98.35	178+50.00	ROUTE D	LT/RT	2890		309.4	309.4		434	
5	178+50.00	183+00.00	ROUTE D	LT/RT	4584		490.7	490.7		688	
6	183+00.00	186+00.00	ROUTE D	LT/RT	1629		174.4	174.4		244	
7	186+00.00	191+00.00	ROUTE D	LT/RT	2669		285.7	285.7		400	
8	191+00.00	196+00.00	ROUTE D	LT/RT	2646		283.3	283.3		397	
9	196+00.00	201+00.00	ROUTE D	LT/RT	2688		287.8	287.8		403	
10	201+00.00	206+00.00	ROUTE D	LT/RT	2652		283.9	283.9		398	
10	202+60.94	205+81.48	ROUTE D	LT					89.4		PAVEMENT WIDENING
11	206+00.00	211+00.00	ROUTE D	LT/RT	2752		294.6	294.6		413	
12	211+00.00	213+00.00	ROUTE D	LT/RT	1150		123.1	123.1		173	
13	213+00.00	218+00.00	ROUTE D	LT/RT	3749		401.4	401.4		562	
14	218+00.00	221+00.00	ROUTE D	LT/RT	2088		223.5	223.5		313	
15	221+00.00	226+00.00	ROUTE D	LT/RT	3702		396.3	396.3		555	
16	226+00.00	228+50.00	ROUTE D	LT/RT	1801		192.8	192.8		270	
17	228+50.00	233+50.00	ROUTE D	LT/RT	5126		548.8	548.8		769	
18	233+50.00	238+00.00	ROUTE D	LT/RT	4460		477.5	477.5		669	
19	238+00.00	242+00.00	ROUTE D	LT/RT	2916		312.2	312.2		437	
20	242+00.00	244+97.06	ROUTE D	LT/RT	1763		188.7	188.7		264	
20	244+22.06	244+97.06	ROUTE D	LT/RT		516	55.2	55.2		0	
22	255+97.43	256+00.00	ROUTE D	LT/RT		15	1.6	1.6		0	
23	256+00.00	261+00.00	ROUTE D	LT/RT	2665		285.3	285.3		400	
23	256+00.00	256+72.43	ROUTE D	LT/RT		416	44.5	44.5		0	
24	261+00.00	266+00.00	ROUTE D	LT/RT	2960		316.9	316.9		444	
25	266+00.00	271+00.00	ROUTE D	LT/RT	2938		314.5	314.5		441	
26	271+00.00	276+00.00	ROUTE D	LT/RT	2999		321.1	321.1		450	
27	276+00.00	279+50.00	ROUTE D	LT/RT	2013		215.5	215.5		302	
				TOTAL:	69299	947	7520.1	7520.1	89.4	10394	

PAVEMENT REPAIR

PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR (SQ YD)	SUBGRADE COMPACTION (6 IN. DEPTH) (PAVEMENT REPAIR) (SQ YD)	TYPE 1 OR 5 AGGREGATE BASE (4 IN. THICK) (PAVEMENT REPAIR) (SQ YD)	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL CUTS) (LF)	DOWEL BAR (DRILLING, FURNISHING AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR (EACH)
17	230+37.28	230+52.99	ROUTE D	LT	2.2	2	2	30	15
17	230+56.91	230+67.76	ROUTE D	LT	1.9	2	2	25	13
17	230+57.51	230+74.92	ROUTE D	LT	7.3	7	7	37	19
17	231+72.88	232+74.29	ROUTE D	RT	10.8	11	11	103	52
17	232+89.68	233+50.00	ROUTE D	LT	5.8	6	6	61	31
18	233+50.00	235+03.25	ROUTE D	LT	17.2	17	17	154	77
18	235+86.54	236+05.78	ROUTE D	LT	1.2	1	1	20	10
18	235+43.23	235+47.45	ROUTE D	RT	1.9	2	2	15	8
18	235+87.00	235+98.77	ROUTE D	RT	0.6	1	1	13	7
24	265+83.55	265+86.70	ROUTE D	LT	0.2	0	0	3	2
				TOTAL:	49.1	49	49	461	234

LUMP SUM TEMPORARY TRAFFIC CONTROL	
TOTAL	1 LUMP SUM

TEMPORARY PAVEMENT MARKING PAINT	
TOTAL	1 LUMP SUM

ASPHALT PERFORMANCE TESTING REPORTING	
TOTAL	1 LUMP SUM

QUANTITIES
SHEET 31 OF 41

003_QU_031_J6S3215_i1.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 1-SEP-2023
ROUTE D | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LIGHTING			
PAY ITEM	DESCRIPTION	UNIT	QUANTITY
9013002	CONDUIT, 2 IN. RIGID, IN TRENCH	LF	44
9014004	CONDUIT, 4 IN. RIGID, PUSHED	LF	1430
9015010	TRENCHING, TYPE I	LF	1929
9015020	TRENCHING, TYPE II	LF	198
9016110	PULL BOX, PREFORMED CLASS 1	EA	19
9017110	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	1620
9017407	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	4100
9018230	POLE FOUNDATION (30 FT. OR 9.0 M MOUNTING HEIGHT)	EA	8
9018245	POLE FOUNDATION (45 FT. OR 13.5 M MOUNTING HEIGHT)	EA	7
9019902	MISC. {150W TOP MOUNTED LED-A LUMINAIRE}	EA	11
9019902	MISC. {170W TOP MOUNTED LED-B LUMINAIRE}	EA	9
9019902	MISC. {30 FT. TOP MOUNT LIGHT POLE}	EA	8
9019902	MISC. {45 FT. TOP MOUNT LIGHT POLE}	EA	7

RRFB		
STATION	LOCATION	RRFB
		EA
204+07	RTE D	3
241+57	RTE D	3
TOTALS		6

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TRAFFIC SIGNAL ITEMS									
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	WATERWORKS	WALTON	CRYSTAL COURT	N&S	MIDLAND	HANLEY
9011311	LUMINAIRE, LED-A	EA	2			2			
9020213	SIGNAL HEAD, TYPE 3S	EA	1						1
9020513	SIGNAL HEAD, TYPE 3B	EA	5			4			1
9020833	SH-FLAT SHEET - SIGNAL SIGN	SF	366	58	51	30	69	81	77
9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	78	10	10	6	15	17	20
9022708	POST, SIGNAL 8 FT. OR 2.4 M	EA	30	1	4	2	8	5	10
9023135	POST, TYPE CL, 35 FT. ARM OF 10.7 M ARM	EA	2			2			
9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	1			1			
9025300	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	638	46	79	84	174	96	159
9027300	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE	LF	286			75		158	53
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	570	140	90	70	90	90	90
9028219	CABLE, 10 AWG 1 CONDUCTOR, POWER	LF	190			190			
9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	180			180			
9028308	CABLE, 16 AWG 2 CONDUCTOR	LF	6390	790	620	170	1210	1110	2490
9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	6430	790	630	170	1220	1120	2500
9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	480			480			
9028810	PULL BOX, PREFORMED CLASS 1	EA	0						
9028811	PULL BOX, PREFORMED CLASS 2	EA	5			2			3
9028812	PULL BOX, PREFORMED CLASS 3	EA	1					1	
9029100	BASE, CONCRETE	CY	19.3	0.5	1.8	6.9	3.5	2.2	4.4
9029902	COMBINATION PAD MOUNTED 120V/240V POWER SUPPLY AND LIGHTING CONTROLLER WITH UPS	EA	6	1	1	1	1	1	1
9029902	COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE 1S	EA	38	4	4	2	8	8	12
9029902	AUDIBLE PEDESTRIAN PUSHBUTTON AND SIGNING	EA	36	4	4	2	8	8	10
9029902	TEMPORARY GENERATOR FOR SIGNAL POWER	EA	1						1
9029902	SIGNAL CABINET BASE WRAP AND CABINET SHIFT	EA	5	1	1		1	1	1

QUANTITIES
SHEET 32 OF 41

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010500

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ITS

STATION	LOCATION	FIBER OPTIC FUSION SPLICE	FIBER OPTIC PIGTAIL	FIBER OPTIC JUMPER	WALL-MOUNTED INTERCONNECT CENTER, FURNISH AND INSTALL	CONDUIT, HDPE, PUSHED, 2"	CONDUIT, PVC, TRENCH, 2"	FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE	RELOCATE FIBER OPTIC CABLE, 24 STRAND, 6MM, 18SM	INTERCEPT CONDUIT WITH PULL BOX	ITS ASSET MANAGEMENT TOOL	INSTALL OR RELOCATE EXISTING COMMUNICATION EQUIPMENT
		EA	EA	EA	EA	LF	LF	LF	LF	EA	LUMP SUM	EA
180+48	RTE D	20	4	4								
180+48 188+10	RTE D					66	10	1013	965		1	
188+10	RTE D	20	4	4	1					1		1
215+24	RTE D											
Contingencies							1846	3192				
TOTALS		40	8	8	1	66	1856	4210	970	1	1	1

ITS

STATION	LOCATION	INSTALL POWER OUTLET STRIP	CCTV CAMERA ASSEMBLY	INSTALL CCTV CAMERA ASSEMBLY	CCTV CAMERA CABLE	MODOT ITS ASSETS RELOCATION	PULL BOX, PREFORMED CLASS 2	PULL BOX, PREFORMED CLASS 5	BURIED CABLE DRIVABLE DELINEATOR	TRAFFIC SIGNAL MAINTENANCE, PROGRAMMING, AND ADJUSTMENT
		EA	EA	EA	LF	LF	EA	EA	EA	LUMP SUM
180+48	RTE D	1	1	1	184					
180+48 188+10	RTE D					965				
188+10	RTE D	1	1	1	149		1	1	2	1
215+24	RTE D		1	1	76					
Contingencies							3	1		
TOTALS		2	3	3	409	965	4	2	2	1

ITS (NON-CONTRACTUAL)

STATION	LOCATION	MODOT FURNISHED CISCO SWITCH	MODOT FURNISHED POWER STRIP	REMARKS
		EA	EA	
180+48	RTE D		1	NON-CONTRACTUAL ITEM
188+10	RTE D	1	1	NON-CONTRACTUAL ITEM
TOTALS		*	*	
		* FOR INFORMATIONAL PURPOSES ONLY		

NOTE:

1. CONTINGENT QUANTITIES ADDED FOR UNEXPECTED DAMAGES.
   CONDUIT, 2 IN., TRENCH WITH TRACER WIRE (LF) - 50 LF ADDED
   FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE (LF) - 200 LF ADDED
   PULL BOX, PREFORMED CLASS 2 - 1 PULL BOX ADDED
   PULL BOX, PREFORMED CLASS 5 - 1 PULL BOX ADDED

2. CONTINGENT QUANTITIES ADDED FOR DRAINAGE IMPACTS.
   CONDUIT, PVC, TRENCH, 2" - 1796 LF ADDED
   PULL BOX, PREFORMED CLASS 2 - 2 PULL BOXES ADDED
   FIBER OPTIC CABLE, 24 STRAND, SINGLE MODE (LF) - 2,840 LF ADDED

QUANTITIES
SHEET 33 OF 41

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

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LIGHTING – AMEREN INSTALLATIONS

SHEET NO	POLE NO	STATION	OFFSET	LOCATION	BRACKET ARMS			250W LED	MOUNTING HEIGHT	REMARKS
					30″	6′	15′			
130	A1	179+48.58	48.3′ LT	RTE D	1			1	EXIST.	BRACKET ARM TO EXTEND NORTH
130	A2	180+82.10	44.8′ LT	RTE D			1	1	45′	BRACKET ARM TO EXTEND SOUTH
130	A3	180+40.34	43.5′ RT	RTE D			1	1	EXIST.	BRACKET ARM TO EXTEND NORTH
130	A4	180+70.87	111.0′ RT	RTE D		1		1	EXIST.	BRACKET ARM TO EXTEND WEST
131	A5	180+64.15	199.5′ LT	RTE D		1		1	EXIST.	BRACKET ARM TO EXTEND WEST
138	A6	215+19.04	45.2′ RT	RTE D			1	1	EXIST.	BRACKET ARM TO EXTEND NORTHEAST
138	A7	215+42.56	64.3′ RT	RTE D		1		1	EXIST.	BRACKET ARM TO EXTEND WEST
139	A8	218+28.11	35.5′ LT	RTE D		1		1	EXIST.	BRACKET ARM TO EXTEND SOUTH
141	A9	230+75.17	42.3′ RT	RTE D			1	1	EXIST.	BRACKET ARM TO EXTEND NORTHEAST
142	A10	235+11.39	138.5′ LT	RTE D	1			1	EXIST.	BRACKET ARM TO EXTEND EAST
142	A11	235+04.80	44.2′ RT	RTE D			1	1	EXIST.	BRACKET ARM TO EXTEND NORTHEAST
144	A12	240+15.88	41.8′ RT	RTE D			1	1	EXIST.	BRACKET ARM TO EXTEND EAST
				TOTALS	*	*	*	*		

* FOR INFORMATIONAL PURPOSES ONLY

REMOVALS – AMEREN LIGHTING

SHEET NO	STATION	OFFSET	LOCATION	AMEREN DD#	REMARKS
125	165+62.98	63.5′ LT	RTE D	0595	REMOVE EXISTING LIGHT POLE, BRACKET ARM AND LUMINAIRE
126	169+05.58	34.8′ LT	RTE D	0594	REMOVE EXISTING LIGHT POLE, BRACKET ARM AND LUMINAIRE
128	177+50.94	42.9′ LT	RTE D	0591	REMOVE EXISTING LIGHT POLE, BRACKET ARM AND LUMINAIRE
130	180+82.64	41.5′ LT	RTE D	0585	REMOVE EXISTING LIGHT POLE, BRACKET ARM AND LUMINAIRE
133	202+96.03	43.9′ RT	RTE D	V47	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
136	210+91.91	43.4′ RT	RTE D	V61	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
138	214+81.30	44.8′ LT	RTE D	V59	REMOVE EXISTING LIGHT POLE, BRACKET ARM AND LUMINAIRE
138	215+73.97	44.6′ RT	RTE D	V19	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
140	229+31.27	42.9′ RT	RTE D	V1	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
142	236+44.92	41.6′ RT	RTE D	VT103	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
145	243+76.12	41.1 RT	RTE D	VT88	REMOVE EXISTING BRACKET ARM AND LUMINAIRE
					FOR INFORMATION PURPOSES ONLY

QUANTITIES
SHEET 34 OF 41

TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

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D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
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0	072123	FINAL PS&E

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MoDOT J6S3215 – ROUTE D PROJECT

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Missouri Cert. of Authority 2002010500

PAVED APPROACHES						
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	CONCRETE PAVED APPROACH 8 IN. (SQ YD)	4 IN. TYPE 1 OR 5 AGGREGATE BASE (SQ YD)
4	ROUTE D	175+01.99	175+64.56	LT	81.3	81
5	ROUTE D	180+80.95	181+51.16	LT	92.4	92
5	ROUTE D	181+62.73	182+23.02	LT	82.6	83
5,6	ROUTE D	182+46.56	183+46.93	LT	135.2	135
6	ROUTE D	183+96.26	185+04.58	RT	159.5	160
6,7	ROUTE D	185+02.89	186+21.19	LT	229.2	229
7	ROUTE D	186+18.90	186+90.91	RT	123.8	124
7	ROUTE D	187+13.92	187+84.89	LT	100.9	101
7	ROUTE D	189+17.98	189+54.41	RT	43.9	44
7,8	ROUTE D	189+70.28	192+70.25	LT	586.2	586
8	ROUTE D	191+01.31	191+43.92	RT	41.9	42
8	ROUTE D	191+90.23	192+19.65	RT	29.0	29
8	ROUTE D	192+24.78	193+13.64	RT	134.0	134
8	ROUTE D	193+58.02	195+15.30	RT	174.7	175
8	ROUTE D	194+64.25	195+51.58	LT	146.5	147
9	ROUTE D	196+11.21	197+40.13	LT	179.3	179
9	ROUTE D	196+70.57	197+52.78	RT	94.8	95
9	ROUTE D	198+41.30	200+53.84	RT	294.9	295
9,10	ROUTE D	200+57.33	201+44.00	RT	133.2	133
9,10	ROUTE D	200+67.58	201+14.42	LT	58.5	59
10	ROUTE D	201+58.01	201+96.33	RT	35.2	35
10	ROUTE D	202+12.53	202+60.94	LT	47.8	48
10	ROUTE D	202+22.98	203+13.64	RT	76.9	77
10	ROUTE D	203+32.51	203+86.09	RT	70.6	71
10	ROUTE D	203+33.78	203+92.75	LT	71.0	71
10	ROUTE D	204+04.69	204+95.29	LT	80.4	80
10	ROUTE D	204+37.43	205+57.09	RT	146.7	147
10	ROUTE D	204+46.20	205+04.70	LT	70.1	70
10	ROUTE D	205+29.91	205+81.48	LT	72.5	73
10,11	ROUTE D	205+84.11	208+65.12	RT	312.0	312
11	ROUTE D	208+38.99	209+14.44	LT	91.6	92
11	ROUTE D	209+84.06	210+50.62	RT	69.4	69
12	ROUTE D	211+08.05	211+61.93	RT	64.5	65
12	ROUTE D	212+23.08	212+71.11	LT	56.7	57
13	ROUTE D	213+13.81	213+80.77	RT	76.2	76
13	ROUTE D	215+68.76	216+26.92	RT	56.4	56
13	ROUTE D	216+61.57	217+23.49	RT	82.1	82
13	ROUTE D	217+17.10	217+61.09	LT	51.7	52
13	ROUTE D	217+51.33	217+92.83	RT	49.5	50
13,14	ROUTE D	217+81.90	218+24.86	LT	48.3	48
14	ROUTE D	218+19.68	218+52.08	RT	26.5	27
14	ROUTE D	218+42.59	218+71.51	LT	27.1	27
14	ROUTE D	218+69.01	219+13.83	RT	41.8	42
14	ROUTE D	218+91.52	219+20.44	LT	27.5	28
14	ROUTE D	219+32.29	220+12.93	RT	89.1	89
14	ROUTE D	219+42.44	219+70.54	LT	25.7	26
14,15	ROUTE D	220+67.82	221+70.19	RT	109.1	109
14,15	ROUTE D	220+94.26	221+44.36	LT	52.6	53
15	ROUTE D	221+71.80	222+58.07	RT	106.5	107
15	ROUTE D	223+07.79	223+56.26	LT	52.7	53
15,16	ROUTE D	224+64.02	226+23.88	LT	218.4	218
16	ROUTE D	226+57.40	227+01.15	LT	48.7	49
16	ROUTE D	227+06.71	227+69.62	LT	77.9	78
16	ROUTE D	227+88.19	228+49.21	LT	67.8	68
17	ROUTE D	228+62.97	229+09.54	LT	80.8	81
17	ROUTE D	228+50.19	229+28.13	RT	89.1	89
17	ROUTE D	229+29.72	229+82.61	RT	66.1	66
17	ROUTE D	229+37.10	229+87.26	LT	89.8	90
17	ROUTE D	230+04.75	230+56.87	RT	51.3	51
17	ROUTE D	232+48.66	232+87.36	RT	61.0	61
17	ROUTE D	232+51.47	232+89.33	LT	55.4	55
17	ROUTE D	232+95.71	233+43.61	LT	75.8	76
17,18	ROUTE D	233+46.91	234+13.39	RT	82.4	82
18	ROUTE D	233+62.37	234+26.85	LT	70.0	70
18	ROUTE D	234+37.24	234+96.19	RT	69.6	70
18	ROUTE D	236+57.99	237+07.58	RT	59.5	60
18	ROUTE D	236+50.39	236+99.19	LT	40.2	40
18	ROUTE D	237+16.22	237+79.54	RT	87.7	88
18,19	ROUTE D	237+87.12	238+19.92	RT	37.8	38
19	ROUTE D	238+12.66	238+88.92	LT	81.0	81

PAVED APPROACHES						
PLAN SHEET NO.	ROADWAY	FROM STATION	TO STATION	LOCATION	CONCRETE PAVED APPROACH 8 IN. (SQ YD)	4 IN. TYPE 1 OR 5 AGGREGATE BASE (SQ YD)
19	ROUTE D	238+25.46	238+57.33	RT	37.2	37
19	ROUTE D	238+60.63	238+92.65	RT	32.7	33
19	ROUTE D	238+97.07	239+32.39	RT	32.7	33
19	ROUTE D	239+33.24	239+66.18	RT	31.6	32
19	ROUTE D	239+72.03	240+04.66	RT	31.8	32
19	ROUTE D	240+10.06	240+44.44	RT	33.1	33
19	ROUTE D	240+45.82	240+78.77	RT	33.9	34
19	ROUTE D	240+59.31	241+39.80	LT	70.6	71
19	ROUTE D	240+82.64	241+15.48	RT	34.1	34
19	ROUTE D	241+19.90	241+53.68	RT	33.6	34
19	ROUTE D	241+59.66	241+89.85	RT	30.7	31
19,20	ROUTE D	241+96.82	242+25.74	RT	28.7	29
20	ROUTE D	242+32.32	242+65.60	RT	30.6	31
20	ROUTE D	243+97.42	245+05.60	RT	100.9	101
20	ROUTE D	245+11.33	245+43.74	RT	33.8	34
20	ROUTE D	245+49.13	245+85.59	RT	35.3	35
21	ROUTE D	246+38.71	246+83.50	RT	58.8	59
21,22	ROUTE D	250+69.43	251+42.02	LT	79.6	80
22	ROUTE D	252+25.14	253+23.64	LT	117.2	117
22	ROUTE D	253+90.49	254+29.82	LT	43.1	43
22	ROUTE D	254+55.93	255+03.22	LT	54.2	54
22	ROUTE D	255+48.55	255+93.25	LT	43.9	44
23	ROUTE D	256+14.38	256+62.39	LT	50.6	51
23	ROUTE D	256+98.39	257+60.03	LT	70.8	71
23	ROUTE D	258+25.72	258+92.66	LT	73.2	73
23	ROUTE D	259+48.05	260+87.08	LT	139.9	140
24	ROUTE D	262+16.29	262+77.39	LT	57.8	58
24	ROUTE D	263+43.92	264+06.99	LT	61.7	62
24	ROUTE D	264+83.44	265+83.64	LT	112.8	113
26	ROUTE D	271+99.15	273+35.55	LT	3.9	4
26	ROUTE D	274+96.30	275+43.07	LT	50.3	50
27	ROUTE D	278+59.09	279+16.36	LT	82.8	83
				TOTAL:	8352.2	8362

DISCLAIMER

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QUANTITIES
SHEET 35 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_035_J6S3215_i1.dgn

CURB & CURB AND GUTTER									
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE CURB AND GUTTER TYPE B	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	CONCRETE CURB (OVER 6 IN. HEIGHT) TYPE S	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A
					(LF)	(LF)	(LF)	(LF)	(LF)
5	180+02.61	180+55.21	ROUTE D	RT	77				
5, 6	180+60.59	183+96.32	ROUTE D	RT	360				
5	180+63.26	180+82.24	ROUTE D	LT	42				
5	181+51.17	181+62.74	ROUTE D	LT	12				
5	182+23.02	182+46.57	ROUTE D	LT	24				
6	183+46.92	185+02.88	ROUTE D	LT	156				
6, 7	185+04.58	186+18.90	ROUTE D	RT	114				
7	186+21.19	187+13.92	ROUTE D	LT	93				
7	186+90.97	189+17.98	ROUTE D	RT	227				
7	187+84.89	189+70.29	ROUTE D	LT	185				
7,8	189+54.40	191+01.31	ROUTE D	RT	147				
8	191+43.93	191+90.23	ROUTE D	RT	46				
8	192+12.48	192+44.05	ROUTE D	RT				32	
8	192+19.65	192+24.78	ROUTE D	RT	5				
8	192+70.25	194+64.27	ROUTE D	LT	195				
8	193+13.64	193+58.02	ROUTE D	RT	44				
8	193+79.01	193+99.83	ROUTE D	RT				21	
8	194+21.85	194+47.72	ROUTE D	RT	26				
8	194+71.96	194+92.72	ROUTE D	RT				21	
8, 9	195+15.29	196+70.57	ROUTE D	RT	151				
8, 9	195+51.58	196+11.20	ROUTE D	LT	61				
9	197+40.11	200+67.58	ROUTE D	LT	329				
9	197+52.78	198+41.31	ROUTE D	RT	87				
9	200+36.09	200+68.24	ROUTE D	RT				32	
9	200+53.84	200+57.33	ROUTE D	RT	4				
10	201+14.43	202+12.53	ROUTE D	LT	98				
10	201+35.23	201+64.97	ROUTE D	RT				30	
10	201+44.01	201+58.01	ROUTE D	RT	14				
10	201+96.33	202+22.99	ROUTE D	RT	27				
10	202+60.87	203+33.70	ROUTE D	LT	73				
10	203+13.64	203+32.51	ROUTE D	RT	19				
10	203+86.09	204+37.43	ROUTE D	RT	51				
10	203+92.75	204+46.21	ROUTE D	LT	53				
10	205+04.78	205+29.99	ROUTE D	LT	25				
10	205+57.09	205+84.12	ROUTE D	RT	27				
10, 11	205+81.48	208+38.99	ROUTE D	LT	258				
11	206+28.33	206+48.73	ROUTE D	RT				20	
11	206+93.14	207+18.84	ROUTE D	RT				26	
11	207+64.59	207+95.45	ROUTE D	RT				31	
11	208+65.12	209+84.00	ROUTE D	RT	119				
11, 12	209+14.45	212+23.03	ROUTE D	LT	308				
11, 12	210+40.00	211+30.00	ROUTE D	LT				90	
11, 12	210+50.55	211+07.99	ROUTE D	RT	57				
12, 13	211+61.93	213+13.81	ROUTE D	RT	152				
12, 13	212+71.07	214+70.94	ROUTE D	LT	201				
13	213+80.78	215+24.48	ROUTE D	RT	148				
13	214+70.94	214+89.93	ROUTE D	LT		30			
13	214+89.92	214+88.84	ROUTE D	LT		4			
13	215+24.25	215+27.20	ROUTE D	RT		7			
13	215+40.88	215+63.76	ROUTE D	RT		30			
13	215+43.46	213+43.47	ROUTE D	LT		5			
13	215+43.53	215+55.57	ROUTE D	LT		30			
13	215+55.57	217+11.11	ROUTE D	LT	163				
13	216+26.93	216+61.58	ROUTE D	RT	35				
13	217+23.50	217+51.34	ROUTE D	RT	28				
13	217+61.03	217+81.84	ROUTE D	LT	21				
13	217+81.11	217+91.10	ROUTE D	LT				10	
13, 14	217+92.83	218+19.68	ROUTE D	RT	27				
14	218+14.11	218+24.10	ROUTE D	LT				10	
14	218+24.84	218+42.57	ROUTE D	LT	18				
14	218+41.17	218+51.17	ROUTE D	LT				10	
14	218+52.08	218+69.01	ROUTE D	RT	17				
14	218+62.29	218+72.29	ROUTE D	LT				10	
14	218+71.52	218+91.52	ROUTE D	LT	20				
14	218+90.87	219+00.87	ROUTE D	LT				10	
14	219+01.29	219+41.95	ROUTE D	RT				41	
14	219+11.48	219+21.48	ROUTE D	LT				10	
14	219+13.84	219+32.29	ROUTE D	RT			21		
14	219+20.39	219+42.39	ROUTE D	LT	22				

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QUANTITIES
SHEET 36 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_036_J6S3215_i1.dgn

CURB & CURB AND GUTTER									
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE CURB AND GUTTER TYPE B	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	CONCRETE CURB (OVER 6 IN. HEIGHT) TYPE S	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A
					(LF)	(LF)	(LF)	(LF)	(LF)
14	219+40.78	219+50.78	ROUTE D	LT				10	
14	219+62.78	219+73.16	ROUTE D	RT				10	
14	219+70.54	220+94.26	ROUTE D	LT	124				
14	220+12.93	220+67.82	ROUTE D	RT	55				
14, 15	220+91.07	221+16.03	ROUTE D	RT				25	
15	221+01.30	223+19.33	ROUTE D	LT				128	
15	221+54.57	221+59.64	ROUTE D	LT	15				
15	221+63.21	221+87.39	ROUTE D	RT				24	
15	221+70.20	221+71.80	ROUTE D	RT	2				
15	221+94.16	221+95.63	ROUTE D	LT	8				
15	222+09.17	223+07.80	ROUTE D	LT	100				
15	222+58.08	222+77.44	ROUTE D	RT	19				
15	222+64.08	222+77.44	ROUTE D	RT			23		
15	223+56.26	224+64.02	ROUTE D	LT	108				
15	225+19.53	225+30.66	ROUTE D	LT				11	
15	225+56.26	225+67.41	ROUTE D	LT				11	
16	226+23.88	226+57.40	ROUTE D	LT	34				
16	226+90.92	227+17.30	ROUTE D	LT				27	
16	227+01.15	227+06.71	ROUTE D	LT	6				
16	227+69.63	227+88.19	ROUTE D	LT	19				
16, 17	228+49.22	228+62.97	ROUTE D	LT	14				
17	229+09.55	229+37.10	ROUTE D	LT	28				
17	229+14.38	229+36.88	ROUTE D	RT				23	
17	229+28.13	229+29.72	ROUTE D	RT	2				
17	229+82.61	230+04.76	ROUTE D	RT	22				
17	229+87.27	230+30.44	ROUTE D	LT	107				
17	230+50.85	230+79.38	ROUTE D	RT				29	
17	230+56.86	231+02.75	ROUTE D	RT	54				
17	231+39.64	232+51.47	ROUTE D	LT	126				
17	231+48.56	231+55.00	ROUTE D	LT					12
17	231+68.93	232+12.15	ROUTE D	LT					44
17	231+91.56	232+48.48	ROUTE D	RT	63				
17	232+84.31	233+00.63	ROUTE D	LT				16	
17	232+87.22	233+46.91	ROUTE D	RT	60				
17	232+89.34	232+95.71	ROUTE D	LT	6				
17, 18	233+43.61	233+62.38	ROUTE D	LT	19				
18	234+13.40	234+37.25	ROUTE D	RT	24				
18	234+26.85	235+03.14	ROUTE D	LT	100				
18	234+95.87	235+06.19	ROUTE D	RT	10				
18	235+71.64	235+71.64	ROUTE D	LT		7			
18	235+71.64	235+90.06	ROUTE D	LT		35			
18	235+96.55	236+50.39	ROUTE D	LT		54			
18	235+96.55	236+50.39	ROUTE D	LT		54			
18	236+38.95	236+58.00	ROUTE D	RT		65			
18, 19	236+99.20	238+12.62	ROUTE D	LT		113			
18	237+07.59	237+16.23	ROUTE D	RT	9				
18	237+79.55	237+87.13	ROUTE D	RT	8				
19	238+19.93	238+25.47	ROUTE D	RT	6				
19	238+57.34	238+60.64	ROUTE D	RT	3				
19	238+88.93	240+59.32	ROUTE D	LT		170			
19	238+92.66	238+97.08	ROUTE D	RT	4				
19	239+32.40	239+33.25	ROUTE D	RT	1				
19	239+66.18	239+72.04	ROUTE D	RT	6				
19	240+04.67	240+10.07	ROUTE D	RT	5				
19	240+44.45	240+45.83	ROUTE D	RT	1				
19	240+78.78	240+82.65	ROUTE D	RT	4				
19	241+15.48	241+19.90	ROUTE D	RT	4				
19, 20	241+39.81	243+23.98	ROUTE D	LT		187			
19	241+53.68	241+59.66	ROUTE D	RT	4				
19	241+89.86	241+96.83	ROUTE D	RT	7				
20	242+25.75	242+32.33	ROUTE D	RT	7				
20	242+65.61	243+29.24	ROUTE D	RT	36				
20	243+01.46	243+29.23	ROUTE D	RT		35			
20	243+62.53	244+99.18	ROUTE D	LT	146				
20	243+63.58	243+97.29	ROUTE D	RT		41			
21	250+40.56	250+67.66	ROUTE D	RT		32			
22, 23	255+93.41	256+14.38	ROUTE D	LT	21				
23	256+62.40	256+98.40	ROUTE D	LT	36				
23	257+48.08	257+74.30	ROUTE D	RT	26				

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CURB & CURB AND GUTTER									
PLAN SHEET NO.	FROM STATION	TO STATION	ROADWAY	LOCATION	CONCRETE CURB AND GUTTER TYPE B	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	CONCRETE CURB (OVER 6 IN. HEIGHT) TYPE S	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A
					(LF)	(LF)	(LF)	(LF)	(LF)
23	257+60.03	258+25.73	ROUTE D	LT	66				
23	257+74.30	258+03.15	ROUTE D	RT			33		
23	258+03.15	259+31.85	ROUTE D	RT	129				
23	258+92.67	259+48.06	ROUTE D	LT	55				
23	259+75.79	259+99.81	ROUTE D	LT				24	
23	260+32.03	260+41.24	ROUTE D	LT				9	
23, 24	260+87.09	261+13.46	ROUTE D	LT	26				
23, 24	260+87.47	261+30.33	ROUTE D	RT	61				
24	261+13.46	261+51.51	ROUTE D	LT			42		
24	261+30.33	261+52.00	ROUTE D	RT			26		
24	261+51.51	262+16.30	ROUTE D	LT	65				
24	261+52.00	262+21.49	ROUTE D	RT	70				
24	262+77.40	263+43.93	ROUTE D	LT	66				
24	262+85.15	264+50.76	ROUTE D	RT	168				
24	264+07.00	264+83.45	ROUTE D	LT	75				
24, 25	265+83.55	266+01.63	ROUTE D	LT			22		
25, 26	266+01.63	271+99.16	ROUTE D	LT	599				
26	273+35.55	273+49.72	ROUTE D	LT			17		
26	273+49.72	274+96.31	ROUTE D	LT	146				
26	275+43.08	275+60.22	ROUTE D	LT			20		
26,27	275+60.22	278+59.10	ROUTE D	LT	299				
27	278+07.28	278+66.44	ROUTE D	RT	59				
27	279+01.62	279+50.00	ROUTE D	RT	48				
27	279+16.37	279+50.00	ROUTE D	LT	34				
				TOTAL:	7791	899	204	751	56

QUANTITIES
SHEET 37 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS DOCUMENT WERE AUTHENTICATED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_037_J6S3215_i1.dgn

SODDING					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	TURF TYPE TALL FESCUE SODDING (SQ YD)
5	179+77	180+55	RT	ROUTE D	55
5	180+61	183+00	RT	ROUTE D	120
5	180+64	181+04	LT	ROUTE D	28
5	181+45	181+67	LT	ROUTE D	9
5	182+13	182+57	LT	ROUTE D	32
6	183+00	184+28	RT	ROUTE D	40
6	183+37	185+13	LT	ROUTE D	49
6	184+69	186+00	RT	ROUTE D	36
7	186+00	186+31	RT	ROUTE D	8
7	186+11	187+24	LT	ROUTE D	43
7	186+75	189+23	RT	ROUTE D	134
7	187+75	190+33	LT	ROUTE D	190
7	189+43	191+00	RT	ROUTE D	19
7	190+80	191+00	LT	ROUTE D	8
8	191+00	191+21	LT	ROUTE D	9
8	191+00	191+12	RT	ROUTE D	6
8	191+37	192+00	RT	ROUTE D	4
8	191+70	192+05	LT	ROUTE D	20
8	192+12	192+54	RT	ROUTE D	6
8	192+43	194+94	LT	ROUTE D	123
8	192+84	193+68	RT	ROUTE D	8
8	193+79	194+01	RT	ROUTE D	2
8	194+77	194+93	RT	ROUTE D	2
8	195+03	196+00	RT	ROUTE D	4
8	195+25	196+00	LT	ROUTE D	62
9	196+00	196+41	LT	ROUTE D	11
9	196+00	196+98	RT	ROUTE D	12
9	197+12	200+76	LT	ROUTE D	175
9	197+25	198+72	RT	ROUTE D	17
9	198+87	198+98	RT	ROUTE D	2
9	199+33	199+54	RT	ROUTE D	2
9	199+77	199+93	RT	ROUTE D	9
9	200+32	200+70	RT	ROUTE D	3
10	201+06	202+23	LT	ROUTE D	23
10	201+35	201+65	RT	ROUTE D	3
10	201+91	202+46	RT	ROUTE D	4
10	202+51	203+43	LT	ROUTE D	14
10	202+97	203+42	RT	ROUTE D	4
10	203+77	204+48	RT	ROUTE D	14
10	203+83	204+56	LT	ROUTE D	80
10	204+72	204+95	RT	ROUTE D	2
10	204+95	205+40	LT	ROUTE D	70
10	205+72	206+00	LT	ROUTE D	15
11	206+00	208+51	LT	ROUTE D	103
11	208+42	209+95	RT	ROUTE D	22
11	208+85	211+00	LT	ROUTE D	39
11	210+38	211+00	RT	ROUTE D	9
12	211+00	212+34	LT	ROUTE D	17
12	211+00	211+11	RT	ROUTE D	2
12	211+75	213+00	RT	ROUTE D	2
12	212+58	213+00	LT	ROUTE D	13
13	213+00	214+86	LT	ROUTE D	74
13	213+00	213+39	RT	ROUTE D	2
13	213+63	215+27	RT	ROUTE D	97
13	215+39	215+77	RT	ROUTE D	39
13	215+48	217+26	LT	ROUTE D	28
13	216+21	216+68	RT	ROUTE D	8
13	217+14	217+57	RT	ROUTE D	21
13	217+49	217+91	LT	ROUTE D	19
13	217+86	218+00	RT	ROUTE D	6
14	218+00	218+32	RT	ROUTE D	13
14	218+14	218+51	LT	ROUTE D	20
14	218+41	218+81	RT	ROUTE D	16
14	218+64	218+99	LT	ROUTE D	18
14	219+00	219+42	RT	ROUTE D	14
14	219+11	219+51	LT	ROUTE D	20
14	219+60	221+00	LT	ROUTE D	58
14	220+00	220+81	RT	ROUTE D	22
14	220+89	221+00	RT	ROUTE D	1
15	221+00	221+05	LT	ROUTE D	1

SODDING					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	TURF TYPE TALL FESCUE SODDING (SQ YD)
15	221+00	221+20	RT	ROUTE D	3
15	221+29	221+59	LT	ROUTE D	19
15	221+63	221+90	RT	ROUTE D	3
15	221+99	223+21	LT	ROUTE D	19
15	222+36	222+69	RT	ROUTE D	6
16	228+39	228+50	LT	ROUTE D	6
17	228+50	228+68	LT	ROUTE D	20
17	229+04	229+43	LT	ROUTE D	54
17	229+14	229+36	RT	ROUTE D	9
17	229+75	230+12	RT	ROUTE D	9
17	229+79	230+25	LT	ROUTE D	40
17	230+51	231+03	RT	ROUTE D	0
17	231+45	232+56	LT	ROUTE D	54
17	231+80	232+52	RT	ROUTE D	75
17	232+81	233+50	RT	ROUTE D	40
17	233+49	233+50	LT	ROUTE D	0
18	233+50	233+72	LT	ROUTE D	11
18	233+50	233+57	RT	ROUTE D	1
18	234+18	234+98	LT	ROUTE D	14
18	234+92	235+06	RT	ROUTE D	9
18	235+72	236+59	LT	ROUTE D	41
18	236+46	236+60	RT	ROUTE D	25
18	236+93	238+00	LT	ROUTE D	36
18	236+94	237+26	RT	ROUTE D	25
18	237+67	237+96	RT	ROUTE D	23
19	238+00	238+22	LT	ROUTE D	7
19	238+12	238+33	RT	ROUTE D	18
19	238+50	238+70	RT	ROUTE D	16
19	238+77	240+80	LT	ROUTE D	82
19	238+83	239+10	RT	ROUTE D	20
19	239+20	239+45	RT	ROUTE D	18
19	239+57	239+83	RT	ROUTE D	21
19	239+95	240+20	RT	ROUTE D	20
19	240+33	240+56	RT	ROUTE D	17
19	240+69	240+92	RT	ROUTE D	17
19	241+06	241+31	RT	ROUTE D	18
19	241+18	242+00	LT	ROUTE D	79
19	241+44	241+69	RT	ROUTE D	13
19	241+82	242+00	RT	ROUTE D	15
20	242+00	243+30	LT	ROUTE D	131
20	242+00	242+06	RT	ROUTE D	4
20	242+18	242+43	RT	ROUTE D	19
20	242+55	243+29	RT	ROUTE D	59
20	243+63	245+00	LT	ROUTE D	62
20	243+64	244+11	RT	ROUTE D	29
20	244+21	244+45	RT	ROUTE D	18
20	244+57	244+81	RT	ROUTE D	17
20	244+94	245+21	RT	ROUTE D	21
20	245+34	245+61	RT	ROUTE D	22
20	245+73	246+00	RT	ROUTE D	29
21	246+00	246+50	RT	ROUTE D	66
21	246+71	246+98	RT	ROUTE D	27
21	250+41	250+68	RT	ROUTE D	7
22	251+38	252+27	LT	ROUTE D	28
22	251+68	251+83	RT	ROUTE D	1
22	252+76	252+93	LT	ROUTE D	5
22	253+20	253+95	LT	ROUTE D	28
22	254+25	254+60	LT	ROUTE D	13
22	254+98	255+57	LT	ROUTE D	14
23	257+56	259+42	RT	ROUTE D	27
23	260+92	261+00	RT	ROUTE D	1
24	261+00	262+36	RT	ROUTE D	18
24	261+52	262+02	LT	ROUTE D	19
24	262+64	263+58	LT	ROUTE D	17
24	262+70	264+51	RT	ROUTE D	23
24	264+72	265+10	LT	ROUTE D	12
24	265+55	266+00	LT	ROUTE D	23
25	266+00	271+00	LT	ROUTE D	411
26	271+00	272+13	LT	ROUTE D	154
26	273+17	275+09	LT	ROUTE D	224

DISCLAIMER

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SODDING					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	TURF TYPE TALL FESCUE SODDING (SQ YD)
26	274+79	275+30	RT	ROUTE D	5
26	275+27	276+00	LT	ROUTE D	60
27	276+00	278+71	LT	ROUTE D	313
27	277+85	278+60	RT	ROUTE D	14
27	278+91	279+50	RT	ROUTE D	2
27	278+98	279+50	LT	ROUTE D	39
				TOTAL:	5026

QUANTITIES
SHEET 38 OF 41

003_QU_038_J6S3215_i1.dgn

CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LINEAR GRADING CLASS 1				
PLAN SHEET NO.	STATION	SIDE	ROADWAY	LINEAR GRADING CLASS 1 (STA)
5	181+26	LT	ROUTE D	0.2
5	181+88	LT	ROUTE D	0.2
5	182+97	LT	ROUTE D	0.1
6	184+48	RT	ROUTE D	0.2
6	185+62	LT	ROUTE D	0.2
7	186+53	RT	ROUTE D	0.2
7	187+50	LT	ROUTE D	0.2
7	189+33	RT	ROUTE D	0.2
7	190+57	LT	ROUTE D	0.3
8	191+24	RT	ROUTE D	0.1
8	191+46	LT	ROUTE D	0.2
8	192+06	RT	ROUTE D	0.1
8	192+24	LT	ROUTE D	0.3
8	192+69	RT	ROUTE D	0.2
8	193+73	RT	ROUTE D	0.1
8	194+06	RT	ROUTE D	0.2
8	194+65	RT	ROUTE D	0.2
8	194+98	RT	ROUTE D	0.1
8	195+10	LT	ROUTE D	0.3
9	196+76	LT	ROUTE D	0.2
9	197+12	RT	ROUTE D	0.2
9	198+80	RT	ROUTE D	0.2
9	199+16	RT	ROUTE D	0.1
9	199+65	RT	ROUTE D	0.2
9	200+12	RT	ROUTE D	0.2
9	200+91	LT	ROUTE D	0.2
10	201+02	RT	ROUTE D	0.2
10	201+78	RT	ROUTE D	0.1
10	202+37	LT	ROUTE D	0.1
10	202+71	RT	ROUTE D	0.1
10	203+59	RT	ROUTE D	0.2
10	203+63	LT	ROUTE D	0.1
10	204+60	RT	ROUTE D	0.1
10	204+76	LT	ROUTE D	0.2
10	205+17	RT	ROUTE D	0.2
10	205+56	LT	ROUTE D	0.2
11	206+12	RT	ROUTE D	0.1
11	206+71	RT	ROUTE D	0.1
11	207+42	RT	ROUTE D	0.1
11	208+22	RT	ROUTE D	0.2
11	208+68	LT	ROUTE D	0.2
11	210+17	RT	ROUTE D	0.1
12	211+35	RT	ROUTE D	0.2
12	212+46	LT	ROUTE D	0.2
13	213+51	RT	ROUTE D	0.2
13	215+99	RT	ROUTE D	0.1
13	216+89	RT	ROUTE D	0.1
13	217+38	LT	ROUTE D	0.2
13	217+72	RT	ROUTE D	0.1
14	218+03	LT	ROUTE D	0.1
14	218+36	RT	ROUTE D	0.1
14	218+57	LT	ROUTE D	0.1
14	218+90	RT	ROUTE D	0.1
14	219+06	LT	ROUTE D	0.1
14	219+53	RT	ROUTE D	0.1
14	219+56	LT	ROUTE D	0.1
14	219+87	RT	ROUTE D	0.1
14	220+85	RT	ROUTE D	0.2
15	221+17	LT	ROUTE D	0.2
15	221+42	RT	ROUTE D	0.1
15	222+13	RT	ROUTE D	0.2
15	223+32	LT	ROUTE D	0.2
15	224+99	LT	ROUTE D	0.2
15	225+44	LT	ROUTE D	0.2
15	225+90	LT	ROUTE D	0.2
16	226+79	LT	ROUTE D	0.2
16	227+37	LT	ROUTE D	0.2
16	228+12	LT	ROUTE D	0.1
17	228+86	LT	ROUTE D	0.2
17	228+93	RT	ROUTE D	0.2

LINEAR GRADING CLASS 1				
PLAN SHEET NO.	STATION	SIDE	ROADWAY	LINEAR GRADING CLASS 1 (STA)
17	229+56	RT	ROUTE D	0.1
17	229+61	LT	ROUTE D	0.2
17	230+31	RT	ROUTE D	0.1
17	232+67	RT	ROUTE D	0.2
17	232+73	LT	ROUTE D	0.2
17	233+19	LT	ROUTE D	0.2
18	233+82	RT	ROUTE D	0.1
18	233+95	LT	ROUTE D	0.1
18	234+68	RT	ROUTE D	0.1
18	236+77	RT	ROUTE D	0.2
18	236+78	LT	ROUTE D	0.1
18	237+46	RT	ROUTE D	0.2
19	238+04	RT	ROUTE D	0.2
19	238+41	RT	ROUTE D	0.2
19	238+53	LT	ROUTE D	0.1
19	238+77	RT	ROUTE D	0.2
19	239+15	RT	ROUTE D	0.2
19	239+51	RT	ROUTE D	0.2
19	239+89	RT	ROUTE D	0.2
19	240+26	RT	ROUTE D	0.2
19	240+63	RT	ROUTE D	0.2
19	240+99	LT	ROUTE D	0.1
19	240+99	RT	ROUTE D	0.2
19	241+38	RT	ROUTE D	0.2
19	241+75	RT	ROUTE D	0.2
20	242+12	RT	ROUTE D	0.2
20	242+49	RT	ROUTE D	0.2
20	244+15	RT	ROUTE D	0.2
20	244+51	RT	ROUTE D	0.2
20	244+88	RT	ROUTE D	0.2
20	245+28	RT	ROUTE D	0.2
20	245+67	RT	ROUTE D	0.2
21	246+60	RT	ROUTE D	0.2
22	251+09	LT	ROUTE D	0.1
22	252+51	LT	ROUTE D	0.1
22	253+07	LT	ROUTE D	0.1
22	254+10	LT	ROUTE D	0.1
22	254+79	LT	ROUTE D	0.1
22	255+73	LT	ROUTE D	0.1
23	256+39	LT	ROUTE D	0.1
23	257+28	LT	ROUTE D	0.1
23	258+59	LT	ROUTE D	0.1
23	259+68	LT	ROUTE D	0.1
23	260+17	LT	ROUTE D	0.1
23	260+62	LT	ROUTE D	0.1
24	262+47	LT	ROUTE D	0.1
24	263+76	LT	ROUTE D	0.1
24	265+32	LT	ROUTE D	0.2
26	272+65	LT	ROUTE D	0.2
26	275+18	LT	ROUTE D	0.2
27	278+85	LT	ROUTE D	0.2
			TOTAL:	19.5

DISCLAIMER
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QUANTITIES
SHEET 39 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LINEAR GRADING CLASS 2					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	MODIFIED LINEAR GRADING CLASS 2 (STA)
5	180+03	180+53	RT	ROUTE D	0.6
5	180+62	183+00	RT	ROUTE D	2.5
5	180+64	181+04	LT	ROUTE D	0.5
5	181+44	181+68	LT	ROUTE D	0.2
5	182+14	182+56	LT	ROUTE D	0.4
6	183+00	184+14	RT	ROUTE D	1.1
6	183+38	185+12	LT	ROUTE D	1.8
6	184+85	186+00	RT	ROUTE D	1.2
7	186+00	186+30	RT	ROUTE D	0.3
7	186+12	187+23	LT	ROUTE D	1.1
7	186+80	189+23	RT	ROUTE D	2.4
7	187+76	190+28	LT	ROUTE D	2.5
7	189+44	191+00	RT	ROUTE D	1.6
8	191+00	191+11	RT	ROUTE D	0.1
8	191+37	191+99	RT	ROUTE D	0.6
8	192+13	192+43	RT	ROUTE D	0.3
8	192+45	194+82	LT	ROUTE D	2.4
8	192+95	193+67	RT	ROUTE D	0.7
8	193+79	194+00	RT	ROUTE D	0.2
8	194+12	194+58	RT	ROUTE D	0.5
8	194+72	194+92	RT	ROUTE D	0.2
8	195+04	196+00	RT	ROUTE D	0.9
8	195+34	196+00	LT	ROUTE D	0.7
9	196+00	196+31	LT	ROUTE D	0.3
9	196+00	196+90	RT	ROUTE D	0.9
9	197+21	200+76	LT	ROUTE D	3.6
9	197+34	198+58	RT	ROUTE D	1.2
9	198+87	198+98	RT	ROUTE D	0.1
9	199+33	199+54	RT	ROUTE D	0.2
9	199+77	199+91	RT	ROUTE D	0.2
9	200+37	200+68	RT	ROUTE D	0.3
10	201+06	202+22	LT	ROUTE D	1.2
10	201+35	201+65	RT	ROUTE D	0.3
10	201+91	202+45	RT	ROUTE D	0.5
10	202+51	203+43	LT	ROUTE D	0.9
10	202+98	203+41	RT	ROUTE D	0.4
10	203+77	204+47	RT	ROUTE D	0.7
10	203+83	204+56	LT	ROUTE D	0.7
10	204+72	204+91	RT	ROUTE D	0.2
10	204+96	205+40	LT	ROUTE D	0.4
10	205+43	205+94	RT	ROUTE D	0.5
10	205+73	206+00	LT	ROUTE D	0.3
11	206+00	208+48	LT	ROUTE D	2.5
11	206+29	206+48	RT	ROUTE D	0.2
11	206+93	207+19	RT	ROUTE D	0.3
11	207+65	207+95	RT	ROUTE D	0.3
11	208+49	209+94	RT	ROUTE D	1.5
11	208+94	211+00	LT	ROUTE D	2.1
11	210+39	211+00	RT	ROUTE D	0.6
12	211+00	212+34	LT	ROUTE D	1.3
12	211+00	211+19	RT	ROUTE D	0.2
12	211+51	213+00	RT	ROUTE D	1.5
12	212+60	213+00	LT	ROUTE D	0.4
13	213+00	214+76	LT	ROUTE D	2.0
13	213+00	213+32	RT	ROUTE D	0.3
13	213+69	215+27	RT	ROUTE D	1.7
13	215+39	215+77	RT	ROUTE D	0.5
13	215+48	217+25	LT	ROUTE D	2.1
13	216+21	216+68	RT	ROUTE D	0.5
13	217+13	217+57	RT	ROUTE D	0.4
13	217+49	217+91	LT	ROUTE D	0.4
14	218+14	218+51	LT	ROUTE D	0.4
14	218+42	218+79	RT	ROUTE D	0.4
14	218+62	219+01	LT	ROUTE D	0.4
14	219+02	219+42	RT	ROUTE D	0.4
14	219+12	219+51	LT	ROUTE D	0.4
14	219+60	221+00	LT	ROUTE D	1.4
14	219+63	219+73	RT	ROUTE D	0.1
14	220+02	220+79	RT	ROUTE D	0.8
14	220+91	221+00	RT	ROUTE D	0.1
15	221+00	221+05	LT	ROUTE D	0.1
15	221+00	221+15	RT	ROUTE D	0.2

LINEAR GRADING CLASS 2					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	MODIFIED LINEAR GRADING CLASS 2 (STA)
15	221+32	221+52	LT	ROUTE D	0.3
15	221+63	221+87	RT	ROUTE D	0.2
15	221+99	223+19	LT	ROUTE D	1.4
15	222+41	222+77	RT	ROUTE D	0.4
15	223+45	224+76	LT	ROUTE D	1.3
15	225+20	225+31	LT	ROUTE D	0.1
15	225+56	225+67	LT	ROUTE D	0.1
16	226+13	226+67	LT	ROUTE D	0.5
16	226+91	227+17	LT	ROUTE D	0.3
16	227+58	227+98	LT	ROUTE D	0.4
16	228+33	228+50	LT	ROUTE D	0.2
17	228+50	228+68	LT	ROUTE D	0.2
17	228+50	228+70	RT	ROUTE D	0.2
17	229+03	229+44	LT	ROUTE D	0.4
17	229+15	229+37	RT	ROUTE D	0.2
17	229+75	230+12	RT	ROUTE D	0.4
17	229+78	230+25	LT	ROUTE D	1.0
17	230+51	230+93	RT	ROUTE D	0.6
17	231+45	232+61	LT	ROUTE D	1.3
17	231+90	232+52	RT	ROUTE D	0.9
17	232+81	233+50	RT	ROUTE D	0.7
17	232+84	233+01	LT	ROUTE D	0.2
17	233+39	233+50	LT	ROUTE D	0.1
18	233+50	233+72	LT	ROUTE D	0.2
18	233+50	233+57	RT	ROUTE D	0.1
18	234+07	234+46	RT	ROUTE D	0.4
18	234+19	234+98	LT	ROUTE D	1.0
18	234+90	235+11	RT	ROUTE D	0.3
18	235+72	236+65	LT	ROUTE D	1.3
18	236+46	236+60	RT	ROUTE D	0.4
18	236+89	238+00	LT	ROUTE D	1.1
18	236+93	237+27	RT	ROUTE D	0.3
18	237+66	237+96	RT	ROUTE D	0.3
19	238+00	238+28	LT	ROUTE D	0.3
19	238+12	238+33	RT	ROUTE D	0.2
19	238+49	238+71	RT	ROUTE D	0.2
19	238+77	240+79	LT	ROUTE D	2.0
19	238+83	239+10	RT	ROUTE D	0.3
19	239+20	239+46	RT	ROUTE D	0.3
19	239+56	239+84	RT	ROUTE D	0.3
19	239+95	240+21	RT	ROUTE D	0.3
19	240+32	240+57	RT	ROUTE D	0.3
19	240+69	240+93	RT	ROUTE D	0.2
19	241+05	241+31	RT	ROUTE D	0.3
19	241+18	242+00	LT	ROUTE D	0.8
19	241+44	241+70	RT	ROUTE D	0.3
19	241+81	242+00	RT	ROUTE D	0.2
20	242+00	243+28	LT	ROUTE D	1.3
20	242+00	242+07	RT	ROUTE D	0.1
20	242+18	242+44	RT	ROUTE D	0.3
20	242+54	243+23	RT	ROUTE D	0.8
20	243+70	244+11	RT	ROUTE D	0.6
20	243+72	245+00	LT	ROUTE D	1.3
20	244+20	244+46	RT	ROUTE D	0.3
20	244+56	244+82	RT	ROUTE D	0.3
20	244+94	245+21	RT	ROUTE D	0.3
20	245+34	245+62	RT	ROUTE D	0.3
20	245+73	246+00	RT	ROUTE D	0.3
21	246+00	246+49	RT	ROUTE D	0.5
21	246+73	246+98	RT	ROUTE D	0.3
21	250+41	250+58	RT	ROUTE D	0.2
22	251+38	252+28	LT	ROUTE D	0.9
22	251+68	251+90	RT	ROUTE D	0.2
22	252+77	252+92	LT	ROUTE D	0.2
22	252+92	253+16	RT	ROUTE D	0.2
22	253+19	253+96	LT	ROUTE D	0.8
22	254+24	254+61	LT	ROUTE D	0.4
22	254+40	254+62	RT	ROUTE D	0.2
22	254+98	255+57	LT	ROUTE D	0.6
22	255+88	256+00	LT	ROUTE D	0.1
23	256+00	256+24	LT	ROUTE D	0.2
23	256+20	256+42	RT	ROUTE D	0.2

LINEAR GRADING CLASS 2					
PLAN SHEET NO.	FROM STATION	TO STATION	SIDE	ROADWAY	MODIFIED LINEAR GRADING CLASS 2 (STA)
23	256+53	257+07	LT	ROUTE D	0.5
23	257+26	259+41	RT	ROUTE D	2.2
23	257+50	258+35	LT	ROUTE D	0.9
23	258+83	259+59	LT	ROUTE D	0.8
23	259+76	259+99	LT	ROUTE D	0.2
23	259+95	260+13	RT	ROUTE D	0.2
23	260+32	260+41	LT	ROUTE D	0.1
23	260+82	261+00	LT	ROUTE D	0.2
23	260+92	261+00	RT	ROUTE D	0.2
24	261+00	262+30	LT	ROUTE D	1.3
24	261+00	262+36	RT	ROUTE D	1.4
24	262+65	263+56	LT	ROUTE D	0.9
24	262+71	264+51	RT	ROUTE D	1.8
24	263+95	265+02	LT	ROUTE D	1.1
24	265+61	266+00	LT	ROUTE D	0.4
25	266+00	271+00	LT	ROUTE D	5.0
26	271+00	272+12	LT	ROUTE D	1.1
26	271+34	271+41	RT	ROUTE D	0.1
26	273+18	275+09	LT	ROUTE D	1.9
26	274+79	275+72	RT	ROUTE D	1.0
26	275+27	276+00	LT	ROUTE D	0.7
27	276+00	278+71	LT	ROUTE D	2.7
27	277+90	278+77	RT	ROUTE D	0.9
27	278+92	279+50	RT	ROUTE D	0.6
27	278+98	279+50	LT	ROUTE D	0.5
				TOTAL:	119.6

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) 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.

QUANTITIES
SHEET 40 OF 41

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

003_QU_040_J6S3215_i1.dgn

EFFECTIVE: 04-01-2021

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00	1	16.00	1	16.00	14	REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00	1	16.00	1	16.00	14	REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00	1	16.00	1	16.00	15	REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00	1	16.00	1	16.00	15	REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00	1	16.00			40	YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00	4	64.00	16	256.00	11	BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00	1	16.00			--	MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	11	176.00	18	288.00	6a	MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	1	16.00	18	288.00	43	ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00	1	16.00	6	96.00	--	BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00	10	160	20	320.00	36	UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25	4	25.00	4	25.00	44	ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	20	320.00	124	1,984.00	2	ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00						ONE LANE ROAD AHEAD
W020-5	48X48	16.00	16	256.00	85	1,360.00	5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	11	176.00	45	720.00	6	RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	4	64.00	16	256.00	8	FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00	1	16.00	6	96.00	21	SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19	6	13.00	6	13.00	--	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
G020-1	60X24	10.00	2	20.00			1	ROAD WORK NEXT XX MILES
G020-2	48X24	8.00	2	16.00			26	END ROAD WORK
G020-4	36X18	4.50						PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	15	90.00	52	312.00	54	WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93	1	7.00			13	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	22	264.00	72	864.00	4/25	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	4	25.00	14	88.00	--	LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	4	25.00	16	100.00	--	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	1	12.00	1	12.00	42	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)
R9-8	48X48	16.00	2	32.00	30	480.00	--	PEDESTRIAN CROSSING
R9-9	24X12	2.00	3	6.00	57	114.00	--	SIDEWALK CLOSED
R9-11L	24X18	3.00	1	3.00	21	63.00	--	SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	1	3.00	21	63.00	--	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	2	24.00			--	POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16.00			--	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00			--	WORK ZONE NO PHONE ZONE
CONST-9	96X48	32.00	9	288.00			48	WIDTH RESTRICTION
W08-24	48X48	16.00	1	16.00	6	96.00	--	STEEL PLATE AHEAD
W11-4	48X48	16.00	2	32.00	30	480.00	--	PEDESTRIAN CROSSING SYMBOL
W16-7P	24X12	2.00	2	4.00	30	60.00	--	45 DEGREE DOWN ARROW
W16-9P	24X12	2.00	2	4.00	30	60.00	--	AHEAD PLAQUE

616-10.05 CONSTRUCTION SIGNS	TOTAL	2,309	
616-10.10 RELOCATED SIGNS			TOTAL 8,558*

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008	9**	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	5**	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	10	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	375	CHANNELIZER (TRIM LINE)
6161030	46	TYPE III MOVEABLE BARRICADE
6161033	126	DIRECTION INDICATOR BARRICADE
6161040	9	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT, TYPE A
6161052		WARNING LIGHT, TYPE B
6161053		WARNING LIGHT, TYPE C
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
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6169902	6 **	NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN CONTRACTOR FURNISHED/RETAINED
6173600D	4,188 **	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		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

NOTE:

ALL TRAFFIC CONTROL IS INCLUDED IN PAY ITEM - 616-99.01, LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.

* NO DIRECT PAY WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS OR DEVICES
** ITEM NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL LUMP SUM BID

QUANTITIES
TRAFFIC CONTROL SCHEDULE
SHEET 41 OF 41

003_QU_041_J6S3215_i1.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

ROUTE D (PAGE AVENUE)
PLAN SHEET LOCATIONS

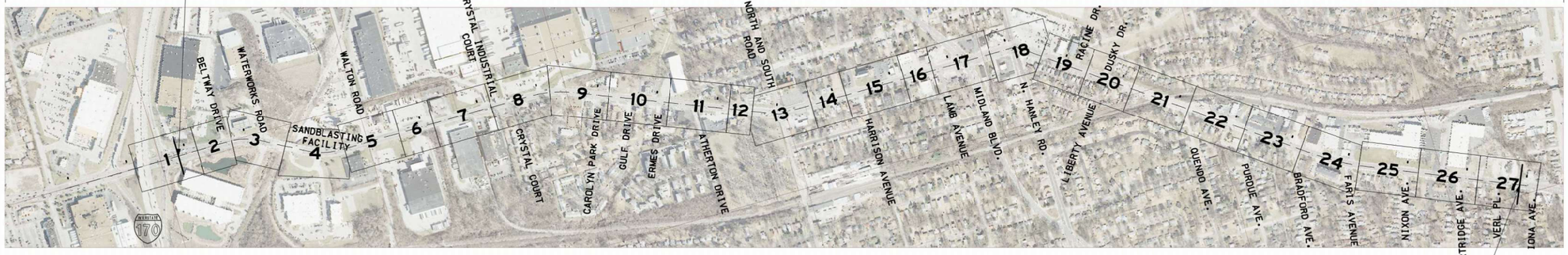
I-170 N.B. RAMPS TO WEST OF PENNSYLVANIA AVENUE

ST. LOUIS COUNTY, MISSOURI

LIMITS OF PROJECT ———

PLAN SHEET LOCATION **XX**

PLAN SHEETS 1-27



ROUTE D IMPROVEMENTS
NOT TO SCALE

END ROUTE D PAVEMENT UPGRADES AND ADA IMPROVEMENTS STA. 279+50.00

DISCLAIMER

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SHEET 1 OF 1

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER

DATE PREPARED: 20-JUL-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	4

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

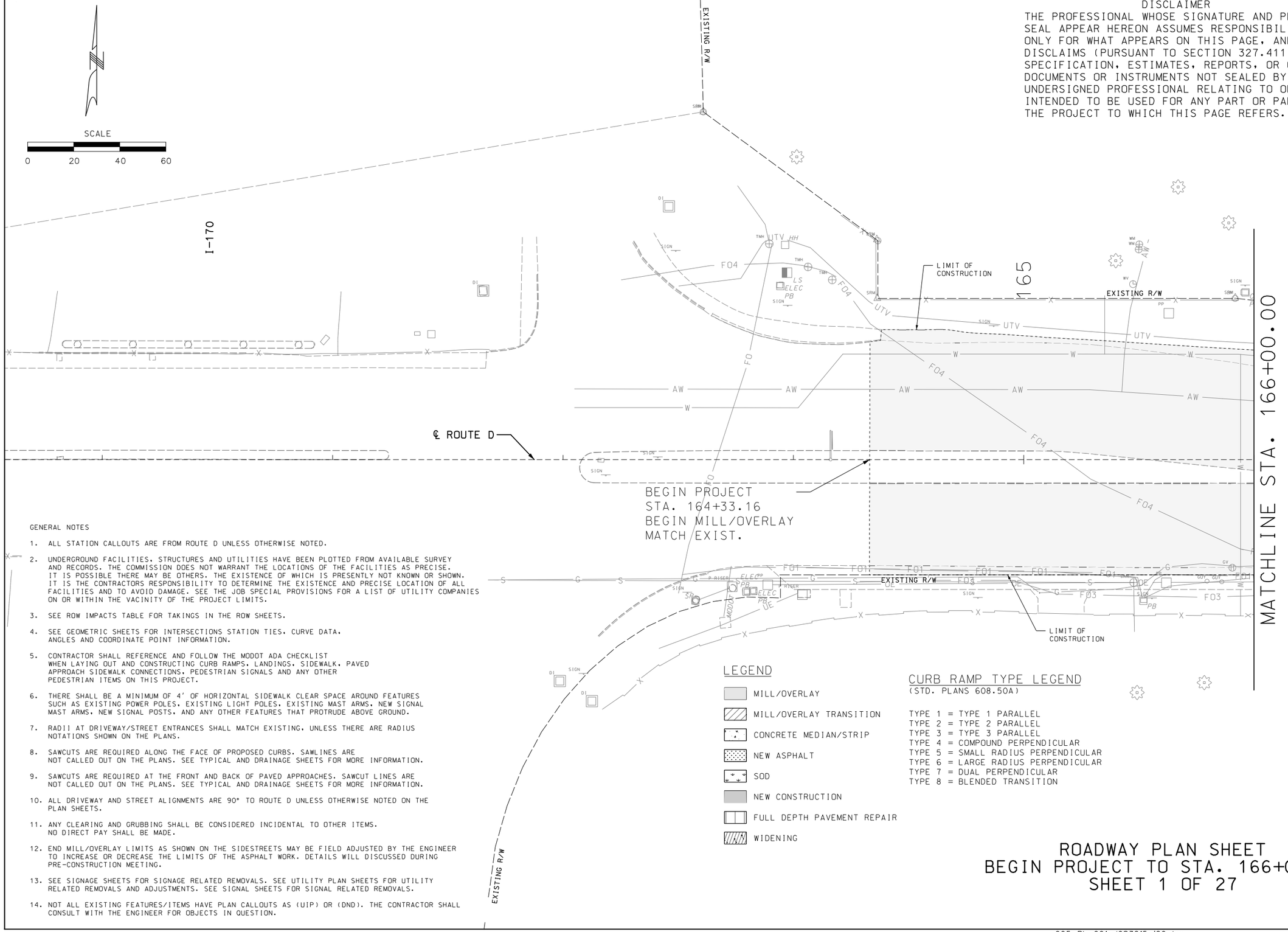
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 • 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

004_KEY_001_J6S3215_i500.dgn

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GENERAL NOTES

1. ALL STATION CALLOUTS ARE FROM ROUTE D UNLESS OTHERWISE NOTED.
2. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE COMMISSION DOES NOT WARRANT THE LOCATIONS OF THE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID DAMAGE. SEE THE JOB SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES ON OR WITHIN THE VACINITY OF THE PROJECT LIMITS.
3. SEE ROW IMPACTS TABLE FOR TAKINGS IN THE ROW SHEETS.
4. SEE GEOMETRIC SHEETS FOR INTERSECTIONS STATION TIES, CURVE DATA, ANGLES AND COORDINATE POINT INFORMATION.
5. CONTRACTOR SHALL REFERENCE AND FOLLOW THE MODOT ADA CHECKLIST WHEN LAYING OUT AND CONSTRUCTING CURB RAMPS, LANDINGS, SIDEWALK, PAVED APPROACH SIDEWALK CONNECTIONS, PEDESTRIAN SIGNALS AND ANY OTHER PEDESTRIAN ITEMS ON THIS PROJECT.
6. THERE SHALL BE A MINIMUM OF 4' OF HORIZONTAL SIDEWALK CLEAR SPACE AROUND FEATURES SUCH AS EXISTING POWER POLES, EXISTING LIGHT POLES, EXISTING MAST ARMS, NEW SIGNAL MAST ARMS, NEW SIGNAL POSTS, AND ANY OTHER FEATURES THAT PROTRUDE ABOVE GROUND.
7. RADII AT DRIVEWAY/STREET ENTRANCES SHALL MATCH EXISTING, UNLESS THERE ARE RADIUS NOTATIONS SHOWN ON THE PLANS.
8. SAWCUTS ARE REQUIRED ALONG THE FACE OF PROPOSED CURBS. SAWLINES ARE NOT CALLED OUT ON THE PLANS. SEE TYPICAL AND DRAINAGE SHEETS FOR MORE INFORMATION.
9. SAWCUTS ARE REQUIRED AT THE FRONT AND BACK OF PAVED APPROACHES. SAWCUT LINES ARE NOT CALLED OUT ON THE PLANS. SEE TYPICAL AND DRAINAGE SHEETS FOR MORE INFORMATION.
10. ALL DRIVEWAY AND STREET ALIGNMENTS ARE 90° TO ROUTE D UNLESS OTHERWISE NOTED ON THE PLAN SHEETS.
11. ANY CLEARING AND GRUBBING SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS. NO DIRECT PAY SHALL BE MADE.
12. END MILL/OVERLAY LIMITS AS SHOWN ON THE SIDESTREETS MAY BE FIELD ADJUSTED BY THE ENGINEER TO INCREASE OR DECREASE THE LIMITS OF THE ASPHALT WORK. DETAILS WILL DISCUSSED DURING PRE-CONSTRUCTION MEETING.
13. SEE SIGNAGE SHEETS FOR SIGNAGE RELATED REMOVALS. SEE UTILITY PLAN SHEETS FOR UTILITY RELATED REMOVALS AND ADJUSTMENTS. SEE SIGNAL SHEETS FOR SIGNAL RELATED REMOVALS.
14. NOT ALL EXISTING FEATURES/ITEMS HAVE PLAN CALLOUTS AS (UIP) OR (DND). THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER FOR OBJECTS IN QUESTION.

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

ROADWAY PLAN SHEET
BEGIN PROJECT TO STA. 166+00.00
SHEET 1 OF 27

005_PL_001_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

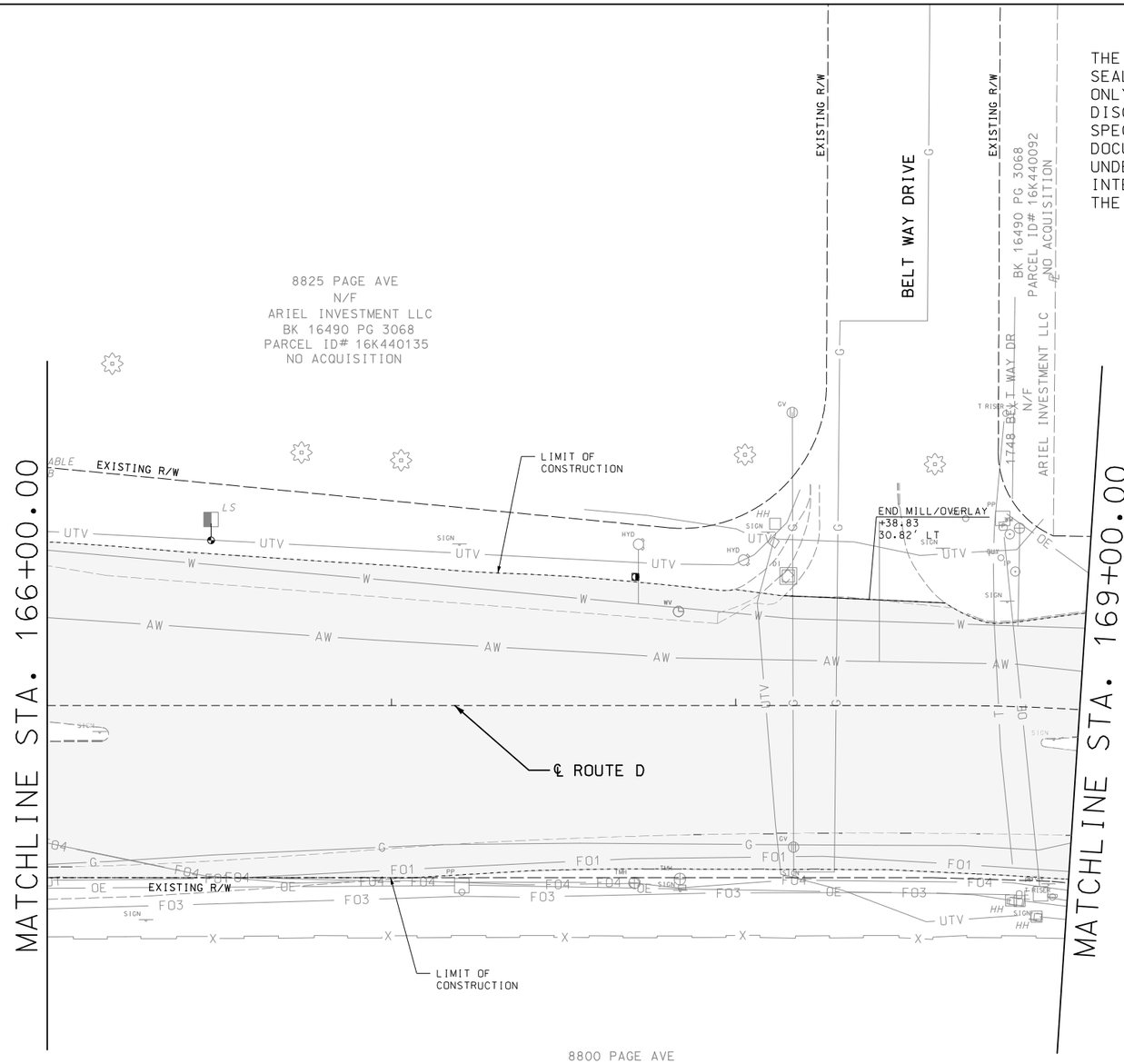
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



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LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

ROADWAY PLAN SHEET
STA. 166+00.00 TO STA. 169+00.00
SHEET 2 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

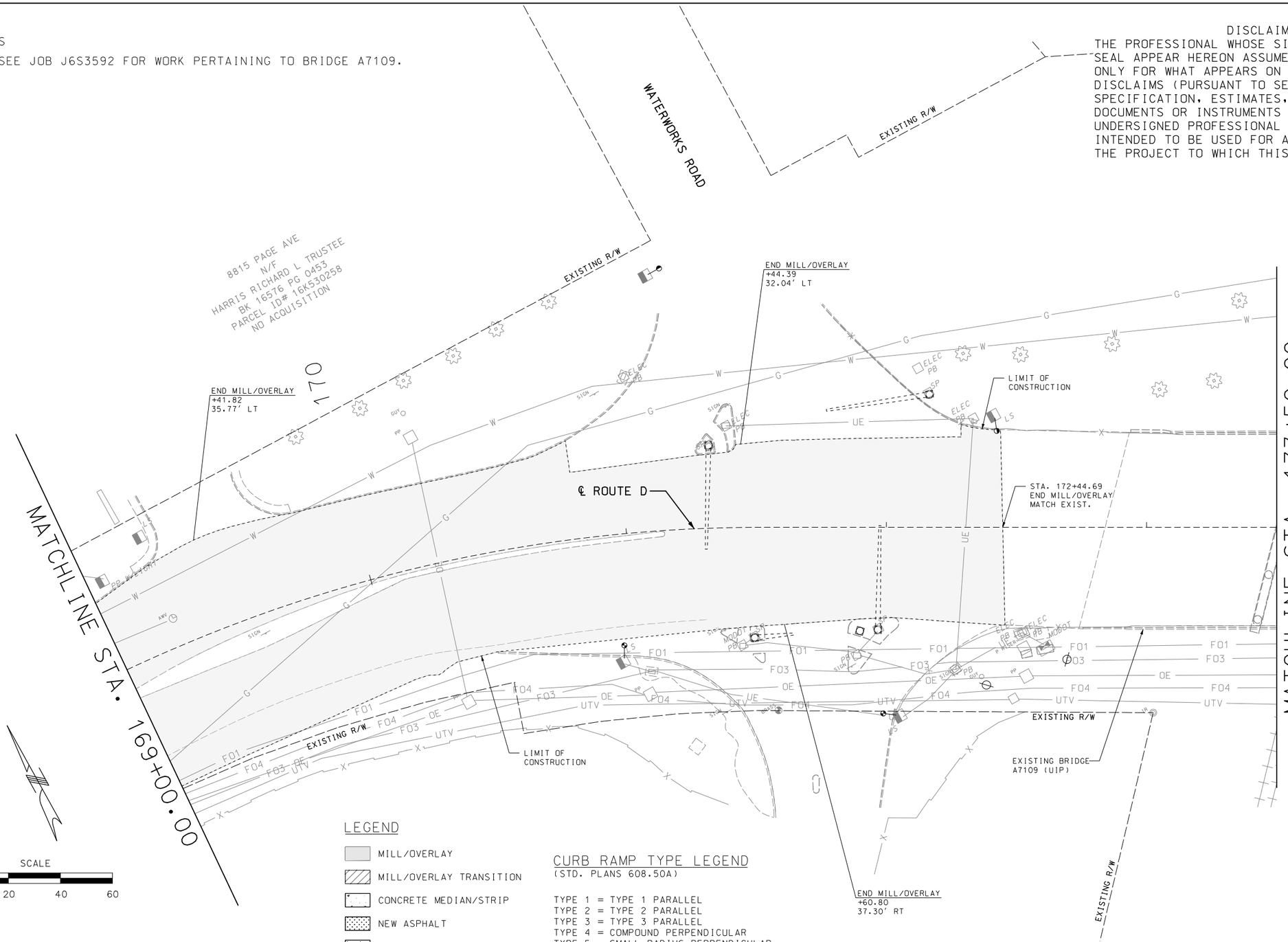
006_PL_002_J6S3215_i20.dgn

NOTES

1. SEE JOB J6S3592 FOR WORK PERTAINING TO BRIDGE A7109.

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LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

ROADWAY PLAN SHEET
STA. 169+00.00 TO STA. 173+50.00
SHEET 3 OF 27

007_PL_003_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

FULL DEPTH RECONSTRUCTION
PAID FOR AS 8" PAVED APPROACH
FINAL LIMITS SET AT
PRE-CONSTRUCTION MEETING

SCALE
0 20 40 60

EXISTING R/W

SANDBLASTING FACILITY

DISCLAIMER
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MATCHLINE STA. 173+50.00

175

EXISTING BRIDGE
A7109 (UIP)

LIMIT OF CONSTRUCTION

STA. 174+98.35
BEGIN MILL/OVERLAY
MATCH EXIST.

℄ ROUTE D

MATCHLINE STA. 178+50.00

EXISTING R/W

LIMIT OF CONSTRUCTION

1681 WALTON RD
N/F
BLIZARD LLC
BK 23274 PG 1500
PARCEL ID# 16K510063
NO ACQUISITION

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES
1. SEE JOB J6S3592 FOR WORK PERTAINING TO BRIDGE A7109.

ROADWAY PLAN SHEET
STA. 173+50.00 TO STA. 178+50.00
SHEET 4 OF 27

008_PL_004_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED 1-SEP-2023

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8601 PAGE AVE
N/F
KIENSTRA ENTERPRISES INC
BK 13138 PG 0682
PARCEL ID# 16K510261
NO ACQUISITION

8595 PAGE AVE
N/F
8595 PAGE AVENUE LLC
BK 24312 PG 5499
PARCEL ID# 16K510227
NO ACQUISITION

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 178+50.00

MATCHLINE STA. 183+00.00

WALTON DRIVE

EXISTING R/W

CONSTRUCT TO NEAREST JOINT

CONSTRUCT TO NEAREST JOINT

4" CONC. ISLAND
PIN ISLAND INTO PLACE

LIMIT OF CONSTRUCTION

PP W/LIGHT

℄ ROUTE D

END MILL/OVERLAY
+68.48
72.83' LT

+24.34 LT. ENTR TYPE 3
43.6' WIDE 8" PAVED APPROACH.
+1.50% GRADE TO ADA PATH.
+0.40% GRADE TIE TO EXIST

+90.32 LT. ENTR TYPE 1
49.4' WIDE 8" PAVED
APPROACH. +5.80% GRADE

+96.93 LT. ENTR TYPE 1
80.6' WIDE 8" PAVED
APPROACH. -0.26% GRADE

LIMIT OF CONSTRUCTION

TYPE 6 CURB RAMP

TYPE 5 CURB RAMP

TYPE B C&G

CONC. MEDIAN

EXIST. MEDIAN (UIP)

EXISTING R/W

LIMIT OF CONSTRUCTION

EX DRAINAGE ESMT PER PLAN

1681 WALTON RD
N/F
BLIZARD LLC
BK 23274 PG 1500
PARCEL ID# 16K510063
NO ACQUISITION

8592 PAGE AVE
N/F
SCHNUCK MARKETS INC
A MO CORP
BK 10518 PG 1167
PARCEL ID# 16K510238
NO ACQUISITION

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
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TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 178+50.00 TO STA. 183+00.00
SHEET 5 OF 27

009_PL_005_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

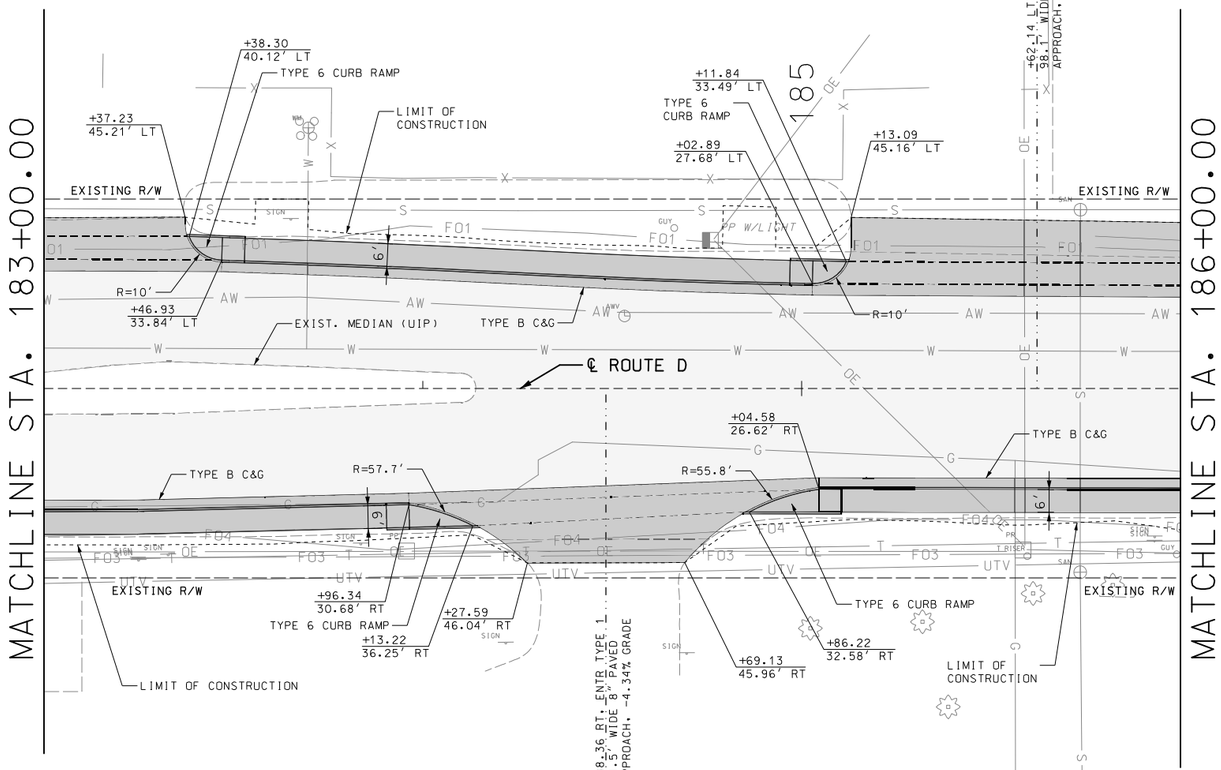
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

8575 PAGE AVE
N/F
MOHAWK PROPERTIES LLC
BK 17090 PG 1153
PARCEL ID# 16K520446
NO ACQUISITION



LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
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TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

8590 PAGE AVE
N/F
SCHNUCK MARKET INC
BK 10518 PG 1167
PARCEL ID# 16K520402
NO ACQUISITION

DISCLAIMER

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ROADWAY PLAN SHEET
STA. 183+00.00 TO STA. 186+00.00
SHEET 6 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL WAS AFFIXED ON THE DATE SIGNED AND DATED BELOW

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

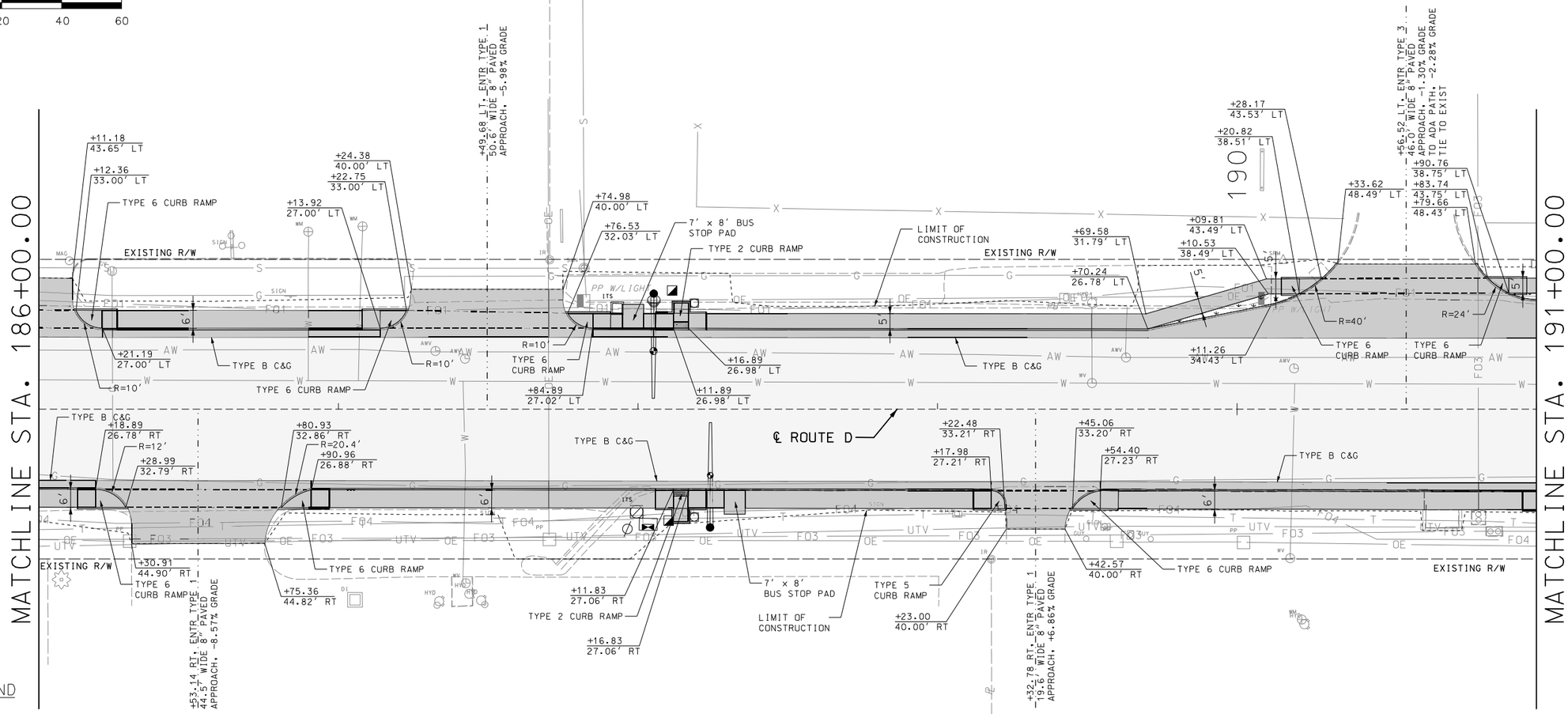
010_PL_006_J6S3215_i20.dgn

8551 PAGE AVE
N/F
FREUND REAL ESTATE LLC
BK 12125 PG 1563
PARCEL ID# 16K520271
NO ACQUISITION

8543 PAGE AVE
N/F
USF PROPCO LLC
BK 17609 PG 2788
PARCEL ID# 16K540015
NO ACQUISITION

DISCLAIMER
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SCALE
0 20 40 60



LEGEND
- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

8544 PAGE AVE
N/F
KESSLER PAGE DEVELOPMENT
BK 11393 PG 1887
PARCEL ID# 16K520303
NO ACQUISITION

8530 PAGE AVE
N/F
LARSCO LLC
BK 22152 PG 1518
PARCEL ID# 16K520392
NO ACQUISITION

ROADWAY PLAN SHEET
STA. 186+00.00 TO STA. 191+00.00
SHEET 7 OF 27

011_PL_007_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET WERE AUTHORIZED BY CASEY ELSTEN, P.E. ON 9/13/2023

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1.1

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

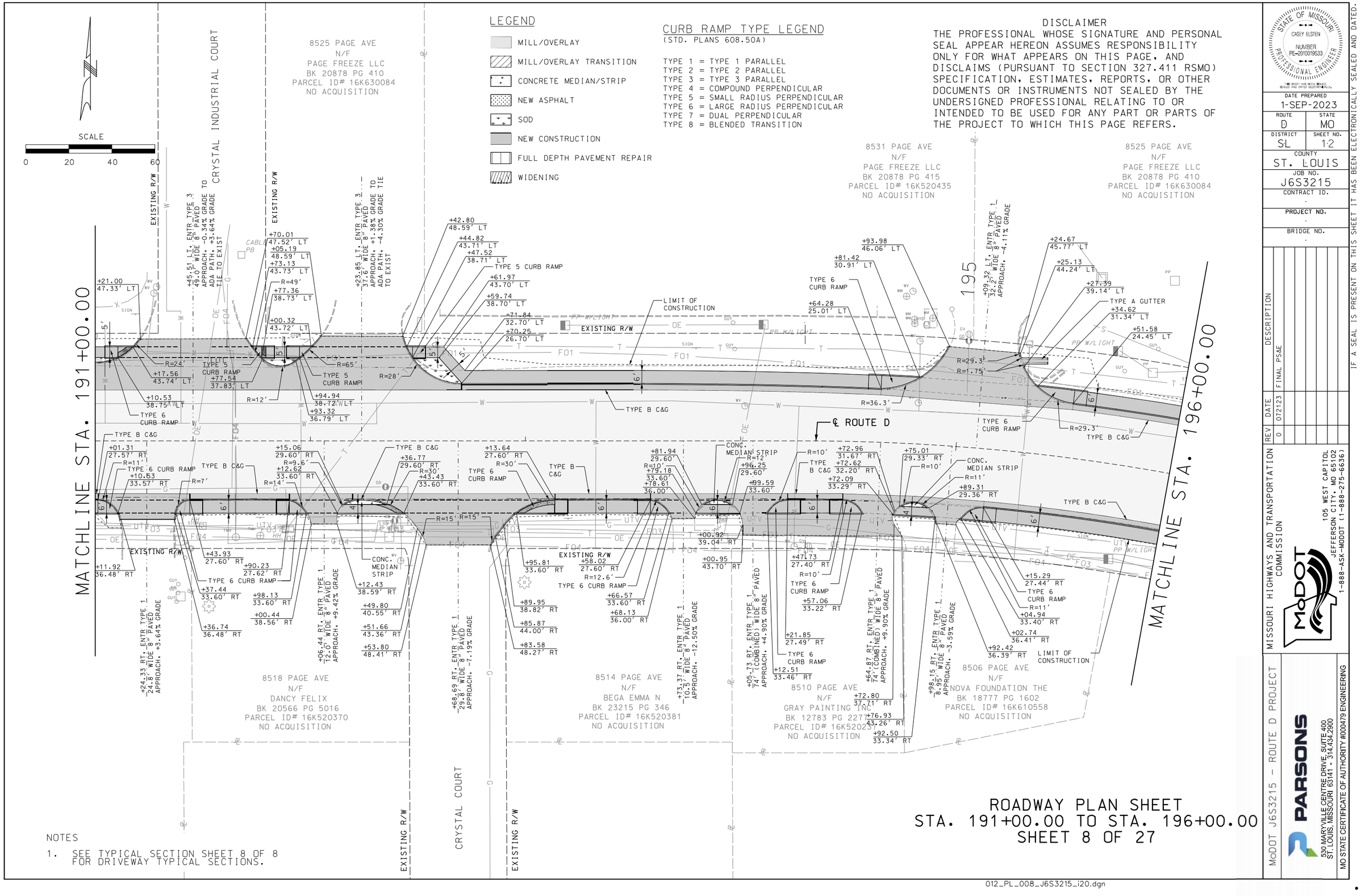
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 191+00.00 TO STA. 196+00.00
SHEET 8 OF 27

012_PL_008_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND WET SIGNATURE APPEARING ON THIS DOCUMENT WERE AUTHORIZED BY CASEY ELSTEN, PE 2010019533 ON 1-SEP-2023. ELECTRONIC SEALED AND DATED COPIES OF THIS DOCUMENT SHOULD NOT BE RELIED UPON AFTER THIS DATE. THE ORIGINAL SIGNED AND SEALED COPY IS KEPT AT THE ENGINEER'S OFFICE.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1.2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
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8501 PAGE AVE
N/F
ART MORTGAGE BORROWER
PROPCO 2010-5 LLC
BK 19296 PG 443
PARCEL ID# 16K630040
NO ACQUISITION

8449 PAGE AVE
N/F
ALBERTIN AUTO BODY AND COLLISION INC
BK 17859 PG 2247
PARCEL ID# 16K610570
NO ACQUISITION

MATCHLINE STA. 196+00.00

MATCHLINE STA. 201+00.00

℄ ROUTE D

EXISTING R/W

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

TYPE B C&G

CONC. MEDIAN STRIP

+11.20 25.82' LT — TYPE 6 CURB RAMP
+30.05 31.79' LT
+76.33 LT, ENTR TYPE 1, 14.2' WIDE 8" PAVED APPROACH, +1.68% GRADE
+22.25 30.93' LT — TYPE 6 CURB RAMP
+40.10 26.04' LT
+11.96 39.49' LT — R=38.1'
+40.73 39.92' LT — R=48.5'
+91.06 LT, ENTR TYPE 2 28.4' WIDE 8" PAVED APPROACH, 6' AT +9.88% GRADE, +13.44% GRADE TIE TO EXIST
+26.00 33.73' LT
+20.00 32.78' LT
+76.84 40.00' LT
+74.74 31.68' LT
TYPE 6 CURB RAMP +67.58 27.61' LT
R=10'
R=12'
+64.66 28.80' RT
+42.72 28.80' RT
R=26'
+76.15 41.36' RT
+45.37 26.55' RT
+39.82 26.57' RT
+93.41 33.30' RT
+98.29 37.09' RT
R=5'
R=34'
R=10'
+91.26 33.30' RT
+86.26 38.31' RT
+86.28 45.20' RT
+33.06 36.89' RT
+40.90 33.07' RT
+44.33 33.06' RT
+53.89 40.04' RT
+54.59 42.84' RT
+88.94 34.99' RT
+93.80 39.55' RT
R=8'
+69.75 40.28' RT
+36.64 32.80' RT
+31.30 39.34' RT
+41.31 27.30' RT
+52.78 27.28' RT
+36.71 31.76' RT
+24.97 43.69' RT
+57.25 31.33' RT
+71.53 45.23' RT
TYPE 6 CURB RAMP
+70.58 27.43' RT — TYPE 6 CURB RAMP
+86.44 31.77' RT
+98.00 43.03' RT
+11.85 RT, ENTR TYPE 2 25.8' WIDE 8" PAVED APPROACH, 6' AT +9.50% GRADE, +5.50% GRADE TIE TO EXIST
+79.93 RT, ENTR TYPE 2 14.8' WIDE 8" PAVED APPROACH, 6' AT +13.45% +15.07% GRADE TIE TO EXIST
+15.54 RT, ENTR TYPE 2 34.9' WIDE 8" PAVED APPROACH, +4.82% GRADE
+65.37 RT, ENTR TYPE 2 21.4' WIDE 8" PAVED APPROACH, 6' AT +12.36% GRADE, +12.50% GRADE TIE TO EXIST
+12.06 RT, ENTR TYPE 1 36.9' WIDE 8" PAVED APPROACH, +7.16% GRADE
5' EASEMENT (PB 39 PG 37)
30' BUILDING LINE (PB 39 PG 37)
CAROLYN PARK DRIVE

8500 PAGE AVE
N/F
TRUTH MINISTRIES INC
BK 17638 PG 0553
PARCEL ID# 16K520161
NO ACQUISITION

② VOID
N/F
BOSCHERT GERALD A
8496 PAGE AVE
LOC 16K610691

8470 PAGE AVE
N/F
ZACK7MOM LLC
BK 24292 PG 1705
PARCEL ID# 16K610514
NO ACQUISITION

8456 PAGE AVE
N/F
SYMON GOLD LLC
BK 24624 PG 4729
PARCEL ID# 16K610503
NO ACQUISITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 196+00.00 TO STA. 201+00.00
SHEET 9 OF 27

013_PL_009_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1.3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

LEGEND
- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8445 PAGE
N/F
VI-JON LLC
BK 12047 PG 1348
PARCEL ID# 16K630073
NO ACQUISITION

8433 PAGE AVE
N/F
BIG NET LLC
BK 20998 PG 219
PARCEL ID# 16K610723
NO ACQUISITION

8415 PAGE AVE
N/F
VINITA PARK CITY OF
BK 19123 PG 1293
PARCEL ID# 16K610756
NO ACQUISITION

8393 PAGE AVE
N/F
JAY & JAY REALTY COMPANY
BK 07766 PG 1693
PARCEL ID# 16K610602
NO ACQUISITION

8456 PAGE AVE
N/F
SYMON GOLD LLC
BK 24624 PG 4729
PARCEL ID# 16K610503
NO ACQUISITION

8446 PAGE AVE
N/F
S&F REAL ESTATE INVESTMENTS LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

8434 PAGE AVE
N/F
HAWK BEHAVIORAL HEALTH LLC
BK 19293 PG 4507
PARCEL ID# 16K610437
NO ACQUISITION

8428 PAGE AVE
N/F
CARTER ERNESTINE T
BK 20117 PG 2686
PARCEL ID# 16K610404
NO ACQUISITION

8396 PAGE AVE
N/F
FUNG ALEX & ANNIE H/W
BK 16663 PG 1641
PARCEL ID# 16K610361
NO ACQUISITION

MATCHLINE STA. 201+00.00
MATCHLINE STA. 206+00.00
℄ ROUTE D
GULF DRIVE
ERMES DRIVE
EXISTING R/W
LIMIT OF CONSTRUCTION
TYPE 6 CURB RAMP
TYPE 2 CURB RAMP
TYPE B C&G
FULL DEPTH WIDENING
CONC. MEDIAN STRIP
10" CONC. MEDIAN SEE TYPICAL SECTION & SPECIAL SHEETS
7' x 8' BUS STOP PAD
EX DRAINAGE ESMT PER PLAN
SEE NOTE 2
5' EASEMENT (PB 39 PG 37)
+36.58 LT, ENTR TYPE 2, 27.3' LT WIDE 8" PAVED APPROACH, +9.63% GRADE
+63.02 LT, ENTR TYPE 1, 39.3' WIDE 8" PAVED APPROACH, -7.62% GRADE
+75.62 LT, ENTR TYPE 1, 38.8' WIDE 8" PAVED APPROACH, -3.81% GRADE
+55.88 LT, ENTR TYPE 1, 31.6' WIDE 8" PAVED APPROACH, -3.00% GRADE
+77.86 RT, ENTR TYPE 1, 25.6' WIDE 8" PAVED APPROACH, +1.90% GRADE
+59.16 RT, ENTR TYPE 1, 34.9' WIDE 8" PAVED APPROACH, +3.67% GRADE
+60.00 RT, ENTR TYPE 1, 23.7' WIDE 8" PAVED APPROACH, +3.41% GRADE
+16.87 RT, ENTR TYPE 1, 45.9' WIDE 8" PAVED APPROACH, +6.21% GRADE
+01.99 RT, ENTR TYPE 2, 65.4' WIDE 8" PAVED APPROACH, +9.28% GRADE
+71.28 RT, ENTR TYPE 1, 50.7' WIDE 8" PAVED APPROACH, +8.38% GRADE

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.
2. FULL DEPTH RECONSTRUCTION PAID FOR AS 8" PAVED APPROACH. FINAL LIMITS SET BY PIPE EXCAVATION.

ROADWAY PLAN SHEET
STA. 201+00.00 TO STA. 206+00.00
SHEET 10 OF 27

014_PL_010_J6S3215_i20.dgn

SCALE
0 20 40 60

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
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TYPE 8 = BLENDED TRANSITION

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	15

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8393 PAGE AVE
N/F
JAY & JAY REALTY COMPANY
BK 07766 PG 1693
PARCEL ID# 16K610602
NO ACQUISITION

8342 WASHINGTON ST
N/F
PISKULIC SAMUEL E
BK 15938 PG 0930
PARCEL ID# 16K621448
NO ACQUISITION

8340 WASHINGTON ST
N/F
FIELDS HELEN F
BK 22247 PG 875
PARCEL ID# 16K621459
NO ACQUISITION

8336 WASHINGTON ST
N/F
WILSON HERBERT L BARBARA A
BK 06703 PG 1311
PARCEL ID# 16K620513
NO ACQUISITION

20' BLDG LINE (PB 7 PG 32)

MATCHLINE STA. 206+00.00

MATCHLINE STA. 211+00.00

LIMIT OF CONSTRUCTION
EXISTING R/W
TYPE B C&G
TYPE A INTEGRAL CURB
TYPE 6 CURB RAMP
+51.30 40.00' LT
+46.79 31.05' LT
+39.00 27.00' LT
+68.39 LT. ENTR TYPE 2 34.2' WIDE 8" PAVED APPROACH. +9.39% GRADE
+85.48 40.00' LT
+98.68 31.11' LT
+14+45 27.03' LT
R=14.6'
R=44.0'
℄ ROUTE D
CONC. MEDIAN STRIP
+31.94 29.00' RT
+28.57 33.00' RT
+45.12 29.00' RT
+48.50 33.00' RT
+96.35 29.10' RT
+93.43 33.10' RT
+15.59 29.10' RT
+18.54 33.10' RT
+68.00 29.10' RT
+64.88 33.10' RT
+88.18 29.10' RT
+94.84 33.10' RT
+65.12 27.10' RT
+49.83 33.10' RT
+49.52 36.10' RT
+91.69 36.10' RT
+20.34 36.10' RT
+63.16 36.10' RT
+93.76 36.10' RT
+00.34 42.59' RT
+02.82 40.90' RT
+42.01 40.90' RT
+83.98 29.48' RT
+93.68 35.76' RT
+95.40 38.53' RT
+50.54 31.35' RT
+39.70 37.04' RT
+37.77 39.96' RT
+29.59 36.10' RT
+29.44 37.00' RT
+27.43 37.00' RT
+11.51 RT. ENTR TYPE 1 31.8' WIDE 8" PAVED APPROACH. +5.78% GRADE
+71.25 RT. ENTR TYPE 1 42.2' WIDE 8" PAVED APPROACH. +6.26% GRADE
+41.62 RT. ENTR TYPE 1 42.8' WIDE 8" PAVED APPROACH. +2.88% GRADE
+22.02 RT. ENTR TYPE 1 35.2' WIDE 8" PAVED APPROACH. +10.16% GRADE
+16.48 RT. ENTR TYPE 1 42.4' WIDE 8" PAVED APPROACH. +2.19% GRADE
ATHERTON DRIVE

8396 PAGE AVE
N/F
FUNG ALEX & ANNIE H/W
BK 16663 PG 1641
PARCEL ID# 16K610361
NO ACQUISITION

8390 PAGE AVE
N/F
NEW BIBLE DAYS COGIC I
BK 19830 PG 1136
PARCEL ID# 16K610668
NO ACQUISITION

8312 PAGE AVE
N/F
AMANO USA HOLDINGS INC
BK 17530 PG 4747
PARCEL ID# 16K621361
NO ACQUISITION

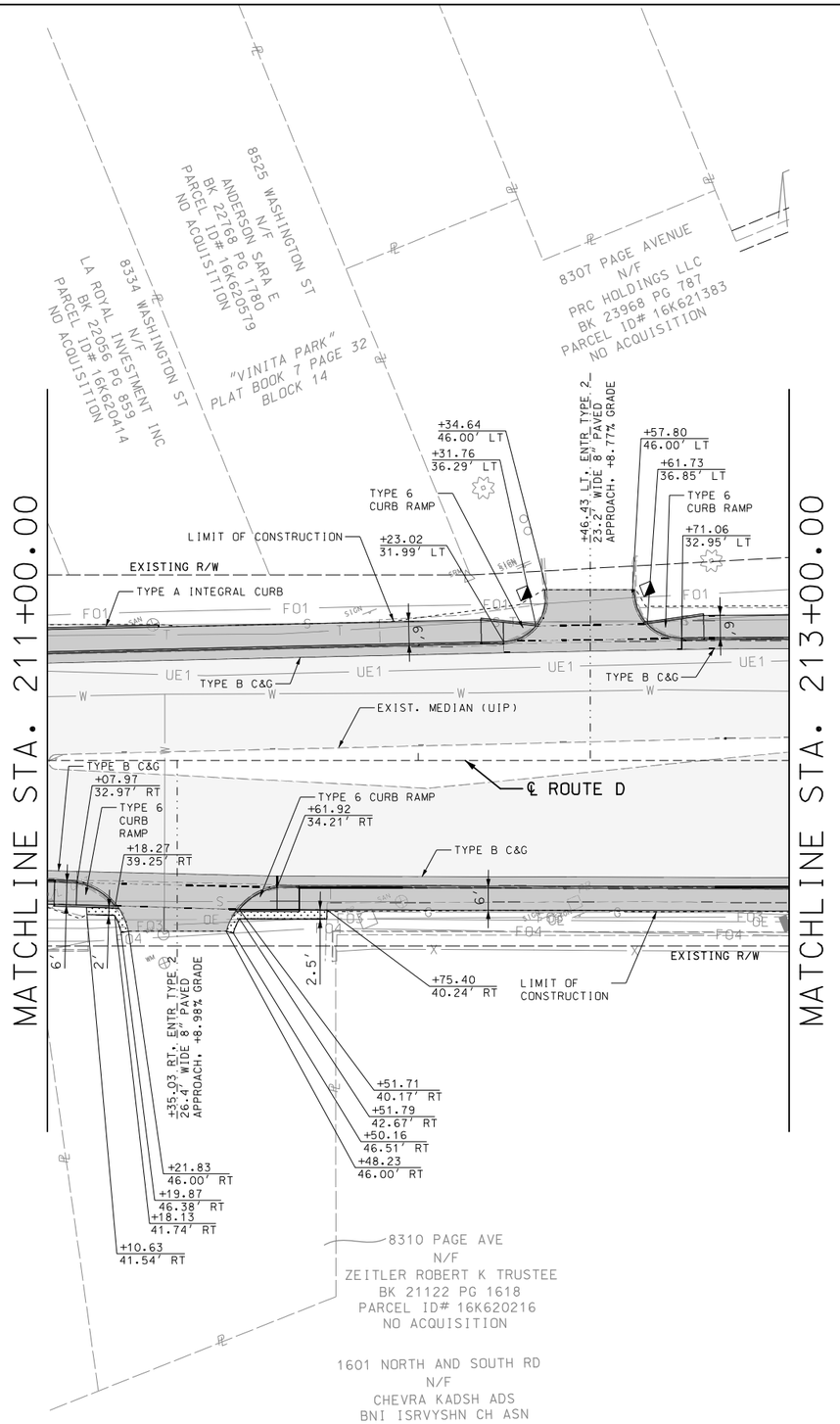
ROADWAY PLAN SHEET
STA. 206+00.00 TO STA. 211+00.00
SHEET 11 OF 27

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

015_PL_011_J6S3215_i20.dgn

SCALE

0 20 40 60



LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
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TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

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ROADWAY PLAN SHEET
STA. 211+00.00 TO STA. 213+00.00
SHEET 12 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1-6

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

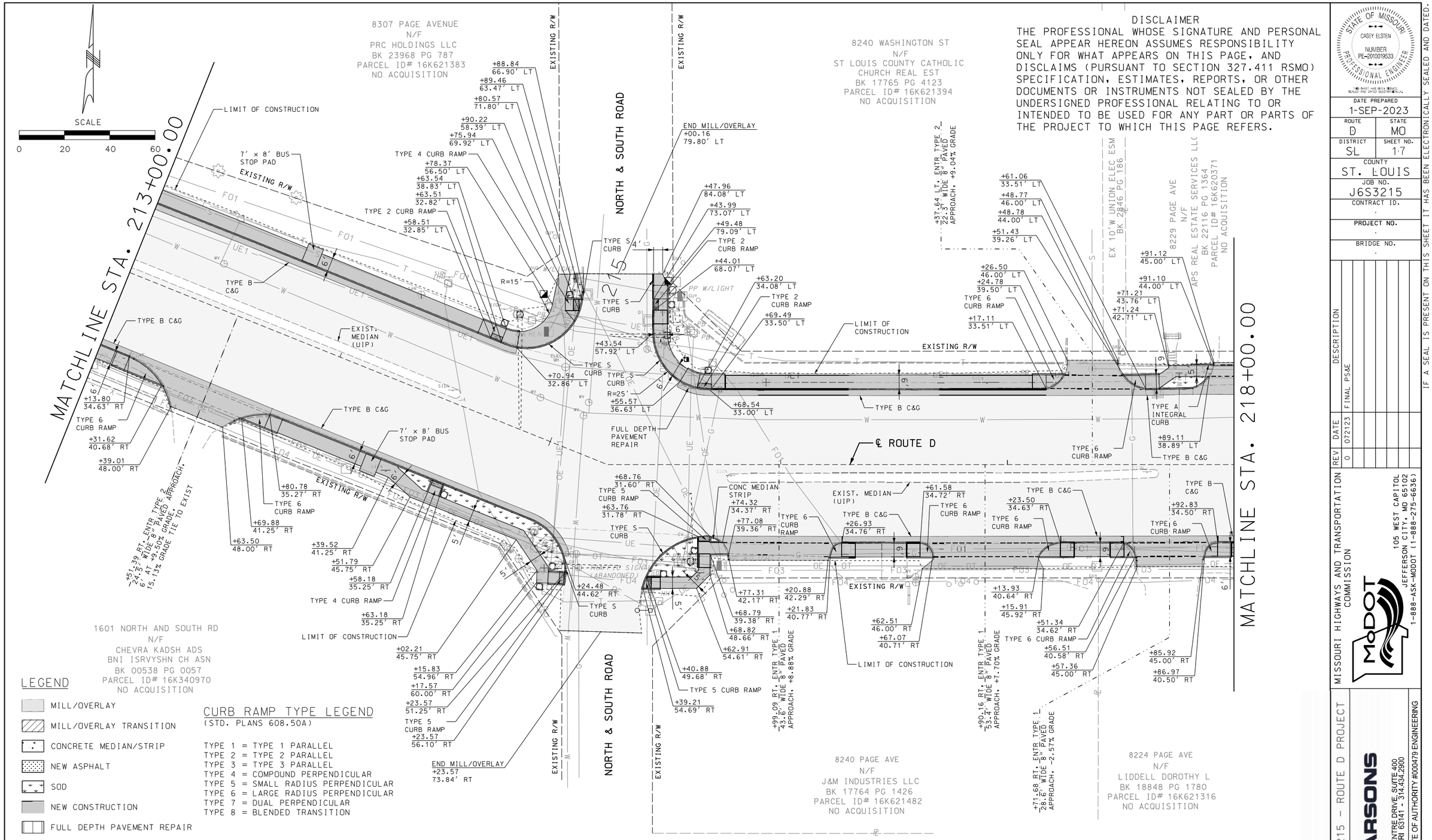
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

016_PL_012_J6S3215_i20.dgn



LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
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TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

DISCLAIMER

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ROADWAY PLAN SHEET
STA. 213+00.00 TO STA. 218+00.00
SHEET 13 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1-7

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

017_PL_013_J6S3215_i20.dgn

SCALE

0 20 40 60

LEGEND

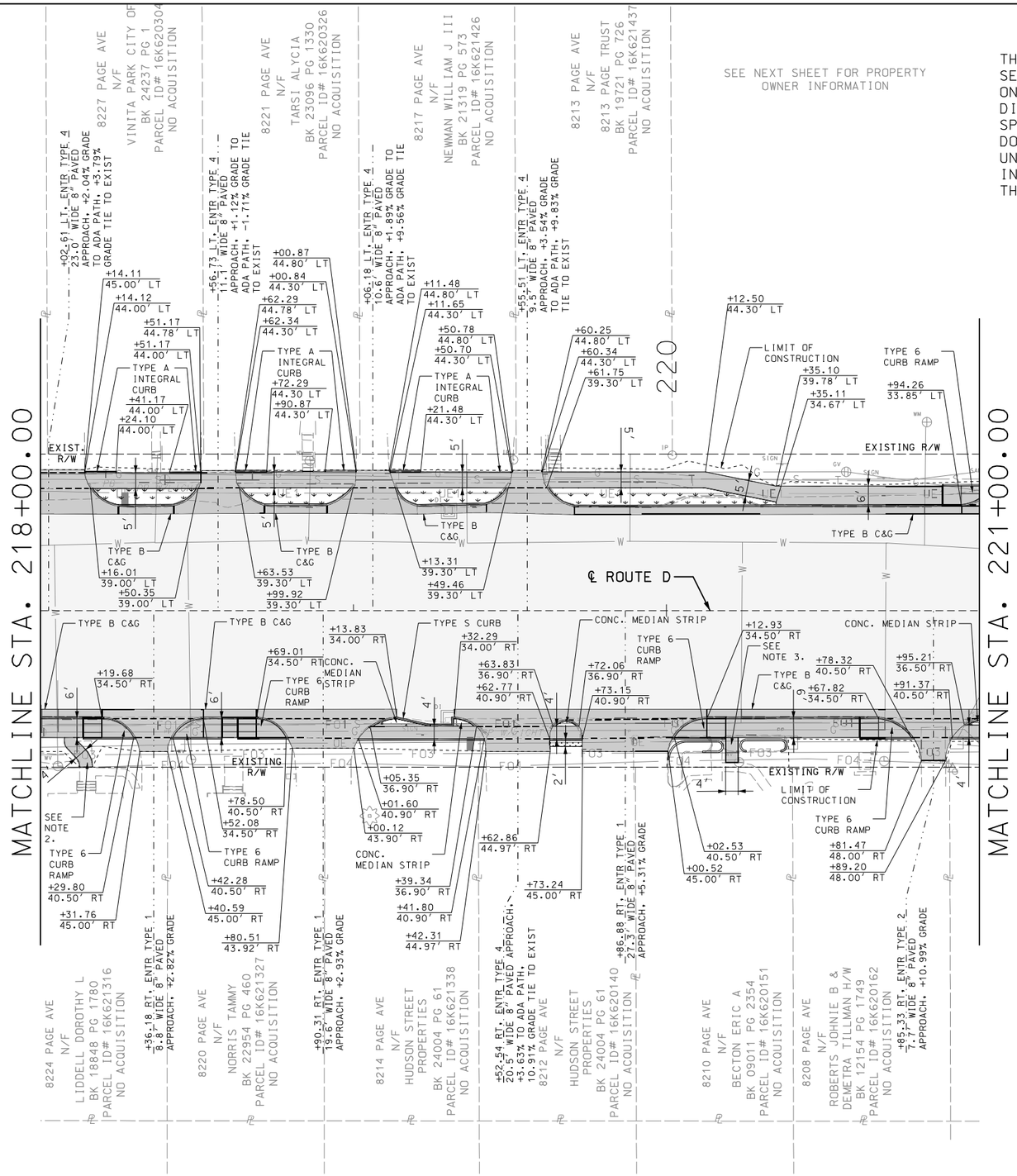
- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.
2. PROPOSED SIDEWALK TO BE CONSTRUCTED UP TO ROW LIMITS. ENSURE POSITIVE DRAINAGE. INFORM HOME OWNER OF WORK 2 WEEKS PRIOR TO CONSTRUCTION ACVITITY.
3. PROPOSED SIDEWALK TO BE CONSTRUCTED UP TO EDGE OF EXISTING SIDEWALK. ENSURE POSITIVE DRAINAGE. INFORM HOME OWNER OF WORK 2 WEEKS PRIOR TO CONSTRUCTION ACVITITY. DISMANTLE EXISTING SHORT MODULAR WALL AND STACK ON ROW. MOUND AND COVER EXCESS SOIL. AFTER SIDEWALK CONSTRUCTION IS COMPLETE, RE-LAY MODULAR WALL TO EITHER SIDE OF NEW SIDEWALK ACCESS AND FILL WITH STAGED SOIL. THIS IS CONSIDERED INCIDENTAL TO THE PROJECT. NO DIRECT PAY.



ROADWAY PLAN SHEET
STA. 218+00.00 TO STA. 221+00.00
SHEET 14 OF 27

018_PL_014_J6S3215_i20.dgn

DISCLAIMER

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

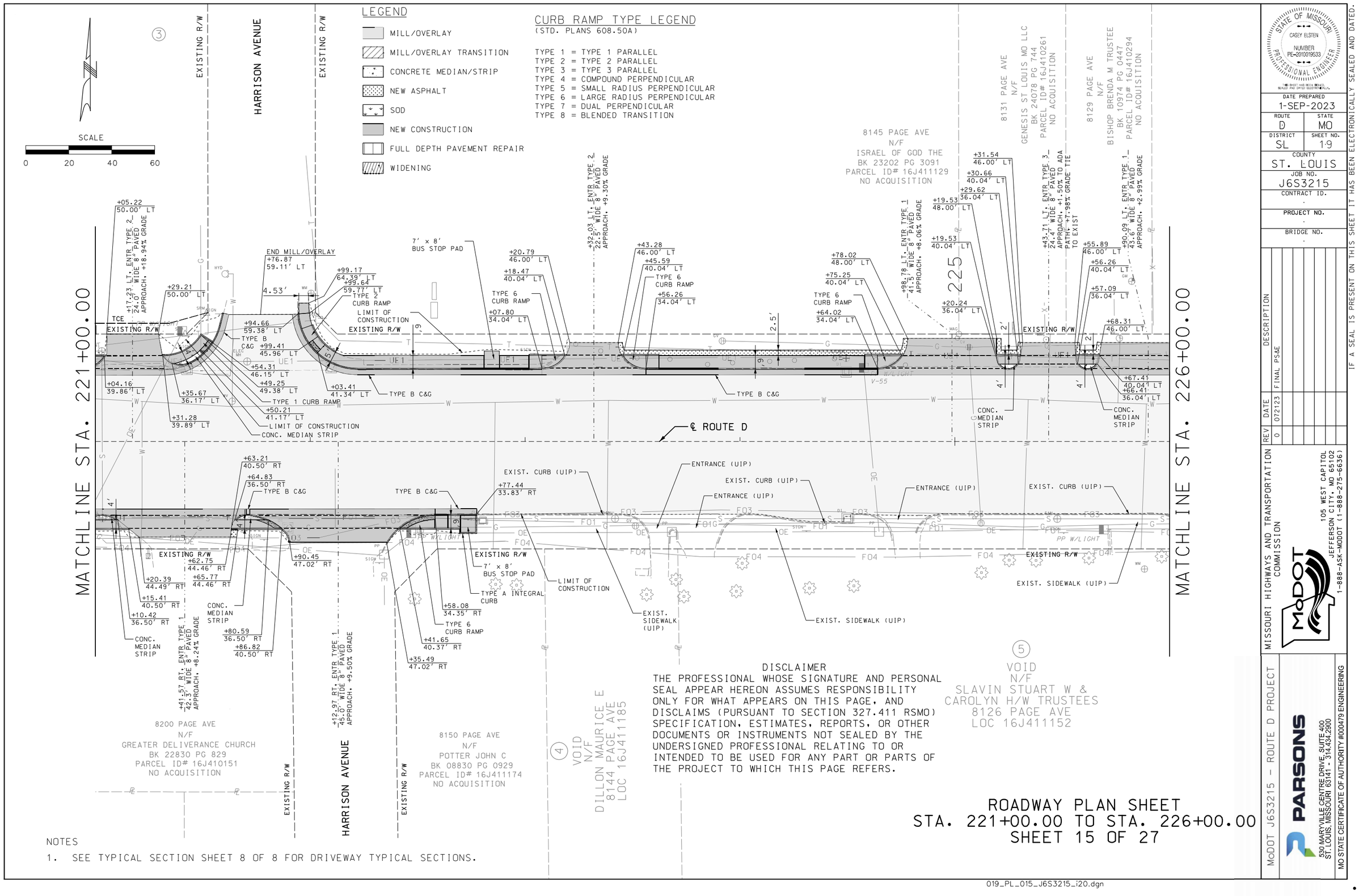
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING


LEGEND
MILL/OVERLAY
MILL/OVERLAY TRANSITION
CONCRETE MEDIAN/STRIP
NEW ASPHALT
SOD
NEW CONSTRUCTION
FULL DEPTH PAVEMENT REPAIR
WIDENING
CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)
TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION
SCALE
0 20 40 60
HARRISON AVENUE
EXISTING R/W
MATCHLINE STA. 221+00.00
MATCHLINE STA. 226+00.00
℄ ROUTE D
8145 PAGE AVE
N/F
ISRAEL OF GOD THE
BK 23202 PG 3091
PARCEL ID# 16J411129
NO ACQUISITION
8131 PAGE AVE
N/F
GENESIS ST LOUIS MO LLC
BK 24078 PG 744
PARCEL ID# 16J410261
NO ACQUISITION
8129 PAGE AVE
N/F
BISHOP BRENDA M TRUSTEE
BK 10974 PG 0447
PARCEL ID# 16J410294
NO ACQUISITION
8200 PAGE AVE
N/F
GREATER DELIVERANCE CHURCH
BK 22830 PG 829
PARCEL ID# 16J410151
NO ACQUISITION
8150 PAGE AVE
N/F
POTTER JOHN C
BK 08830 PG 0929
PARCEL ID# 16J411174
NO ACQUISITION
4 VOID
N/F
DILLON MAURICE E
8144 PAGE AVE
LOC 16J411185
5 VOID
N/F
SLAVIN STUART W &
CAROLYN H/W TRUSTEES
8126 PAGE AVE
LOC 16J411152
+05.22 50.00' LT
+17.23 LT. ENTR TYPE 2 24.0' WIDE 8" PAVED APPROACH. +18.94% GRADE
+29.21 50.00' LT
END MILL/OVERLAY
+76.87 59.11' LT
4.53'
+99.17 64.39' LT
+99.64 59.77' LT
TYPE 2 CURB RAMP
LIMIT OF CONSTRUCTION
+94.66 59.38' LT
TYPE B C&G
+99.41 45.96' LT
+54.31 46.15' LT
+49.25 49.38' LT
+50.21 41.17' LT
TYPE 1 CURB RAMP
LIMIT OF CONSTRUCTION
CONC. MEDIAN STRIP
+04.16 39.86' LT
+35.67 36.17' LT
+31.28 39.89' LT
7' x 8' BUS STOP PAD
+20.79 46.00' LT
+18.47 40.04' LT
TYPE 6 CURB RAMP
+07.80 34.04' LT
+32.03 LT. ENTR TYPE 2 22.5' WIDE 8" PAVED APPROACH. +9.30% GRADE
+43.28 46.00' LT
+45.59 40.04' LT
TYPE 6 CURB RAMP
+56.26 34.04' LT
+03.41 41.34' LT
TYPE B C&G
9"
2.5'
+78.02 48.00' LT
+75.25 40.04' LT
TYPE 6 CURB RAMP
+64.02 34.04' LT
+98.78 LT. ENTR TYPE 1 41.5' WIDE 8" PAVED APPROACH. +8.06% GRADE
TYPE B C&G
+31.54 46.00' LT
+30.66 40.04' LT
+29.62 36.04' LT
+19.53 48.00' LT
+19.53 40.04' LT
225
+20.24 36.04' LT
+43.71 LT. ENTR TYPE 3 24.4' WIDE 8" PAVED APPROACH. +1.50% TO ADA PATH, +7.98% GRADE TIE TO EXIST
+55.89 46.00' LT
+56.26 40.04' LT
+57.09 36.04' LT
+68.31 46.00' LT
+90.09 LT. ENTR TYPE 1 43.6' WIDE 8" PAVED APPROACH. +2.99% GRADE
+67.41 40.04' LT
+66.41 36.04' LT
CONC. MEDIAN STRIP
CONC. MEDIAN STRIP
+63.21 40.50' RT
+64.83 36.50' RT
TYPE B C&G
TYPE B C&G
+77.44 33.83' RT
EXIST. CURB (UIP)
ENTRANCE (UIP)
EXIST. CURB (UIP)
ENTRANCE (UIP)
ENTRANCE (UIP)
EXIST. CURB (UIP)
EXISTING R/W
+62.75 44.46' RT
+20.39 44.49' RT
+65.77 44.46' RT
+15.41 40.50' RT
+10.42 36.50' RT
CONC. MEDIAN STRIP
+80.59 36.50' RT
+86.82 40.50' RT
+41.57 RT. ENTR TYPE 1 42.5' WIDE 8" PAVED APPROACH. +8.24% GRADE
+90.45 47.02' RT
+12.97 RT. ENTR TYPE 1 45.0' WIDE 8" PAVED APPROACH. +9.50% GRADE
+41.65 40.37' RT
+58.08 34.35' RT
TYPE 6 CURB RAMP
+35.49 47.02' RT
7' x 8' BUS STOP PAD
TYPE A INTEGRAL CURB
LIMIT OF CONSTRUCTION
EXIST. SIDEWALK (UIP)
EXIST. SIDEWALK (UIP)
EXISTING R/W
EXISTING R/W
EXISTING R/W

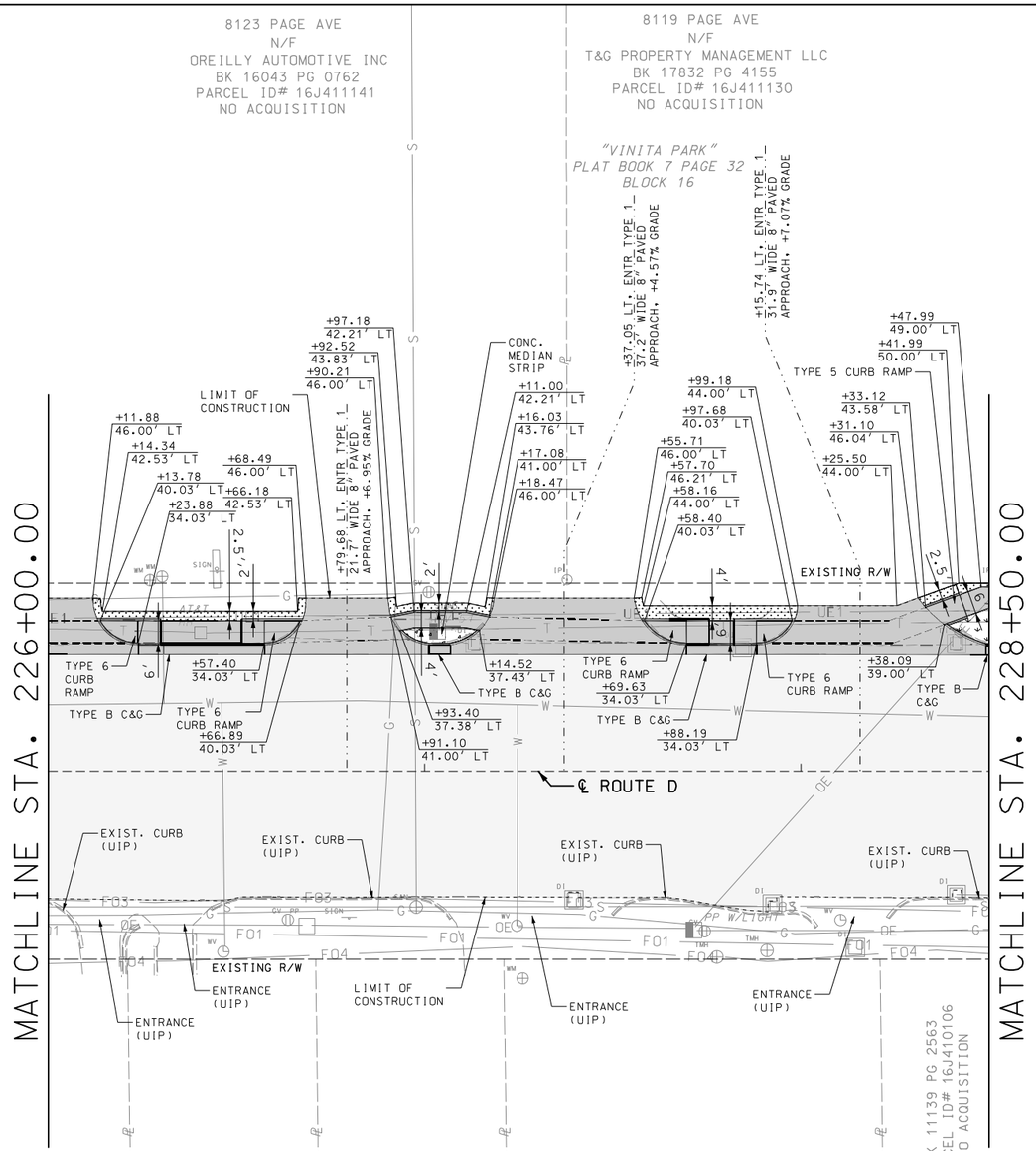
SCALE

0 20 40 60

8123 PAGE AVE
N/F
OREILLY AUTOMOTIVE INC
BK 16043 PG 0762
PARCEL ID# 16J411141
NO ACQUISITION

8119 PAGE AVE
N/F
T&G PROPERTY MANAGEMENT LLC
BK 17832 PG 4155
PARCEL ID# 16J411130
NO ACQUISITION

"VINITA PARK"
PLAT BOOK 7 PAGE 32
BLOCK 16



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LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

⑥ VOID
N/F
JONES JOHNNIE LEE
8120 PAGE AVE
LOC 16J410041

⑦ VOID
N/F
T&J HOLDINGS LLC ETAL
8116 PAGE AVE
LOC 16J410085

⑧ VOID
N/F
T&J HOLDINGS LLC ETAL
8112 PAGE AVE
LOC 16J410139

8108 PAGE AVE
N/F
NEW TESTAMENT APOSTOLIC CHURCH INC
BK 11139 PG 2563
PARCEL ID# 16J410106
NO ACQUISITION

ROADWAY PLAN SHEET
STA. 226+00.00 TO STA. 228+50.00
SHEET 16 OF 27

020_PL_016_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SCALE
0 20 40 60

MATCHLINE STA. 228+50.00

MATCHLINE STA. 233+50.00

EXISTING R/W

MIDLAND BOULEVARD

LAMB AVENUE

STL COUNTY PB

MODOT PB

+85.80 LT. ENTR TYPE 3
34.8' WIDE 8" PAVED
APPROACH, +1.59% GRADE TO ADA
PATH, +7.29% GRADE TIE TO EXIST

+60.97 LT. ENTR TYPE 3
36.5' WIDE 8" PAVED
APPROACH, +1.50% GRADE TO
ADA PATH, +6.52% GRADE TIE
TO EXIST

+91.88 RT. ENTR TYPE 1
39.8' WIDE 8" PAVED
APPROACH, +2.00% GRADE

+55.99 RT. ENTR TYPE 2
37.8' WIDE 8" PAVED
APPROACH, +4.34% GRADE

+31.10 RT. ENTR TYPE 1
39.1' WIDE 8" PAVED
APPROACH, +9.44% GRADE

+72.82 LT. ENTR TYPE 2
22.7' WIDE 8" PAVED
APPROACH, +9.44% GRADE

+19.46 LT. ENTR TYPE 2
38.3' WIDE 8" PAVED
APPROACH, +10.68% GRADE

+66.87 RT. ENTR TYPE 3
29.2' WIDE 8" PAVED
APPROACH, +1.65% TO ADA
PATH, +0.56% GRADE TIE
TO EXIST

END MILL/OVERLAY
+63.95
127.37' LT

MILL AND OVERLAY
LIMITS MATCH ST.
LOUIS COUNTY
PROJECT #AR-1797

END MILL/OVERLAY
+53.66
100.62' RT

NEW 10" CONCRETE ISLANDS, 4" SIDEWALK, & TRUNCATED DOMES. SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR DETAILS.

℄ ROUTE D

EXIST MEDIAN (UIP)

CONC MEDIAN STRIP

CONC. MEDIAN STRIP

LIMIT OF CONSTRUCTION

FULL DEPTH PAVEMENT REPAIR

FULLI DEPTH PAVEMENT REPAIR

TCE

TYPE 5 CURB RAMP
+68.40 50.00' LT
+68.40 49.00' LT
+68.40 44.00' LT

+43.16 52.00' LT
+43.67 49.00' LT
+43.68 44.00' LT
+03.21 50.00' LT
+03.71 49.00' LT
+03.21 44.00' LT

TYPE 2 CURB RAMP
+79.70 52.00' LT
+78.15 49.00' LT
+78.24 44.00' LT

+24.85 104.14' LT

+31.61 60.58' LT
+28.10 54.70' LT
+14.55 49.00' LT

TYPE B C&G

TYPE 6 CURB RAMP

TYPE A INTEGRAL CURB

TYPE 2 CURB RAMP

TYPE 4 CURB RAMP

TYPE S CURB

+44.54 75.27' LT
+48.11 70.45' LT
+55.76 51.95' LT
+60.48 48.70' LT
+84.68 48.00' LT
+12.15 48.00' LT

+61.47 58.00' LT
+59.41 50.50' LT
+60.31 48.00' LT
+55.65 50.50' LT R=10'
+51.47 42.00' LT

+84.16 58.00' LT
+84.31 48.00' LT
+86.28 50.50' LT
+85.01 44.00' LT

+00.31 56.00' LT
+00.65 48.00' LT
+98.54 50.50' LT
+00.04 44.00' LT

+49.61 50.50' LT
+40.61 56.01' LT
+43.61 42.00' LT
+40.61 50.50' LT
+38.61 56.00' LT
+39.11 48.00' LT

R=5'

+50.19 31.00' RT
+50.18 36.00' RT
+19.25 36.04' RT
+14.76 40.03' RT
+11.87 45.54' RT
+35.08 36.05' RT
+36.78 40.05' RT
+69.98 46.86' RT
+72.09 45.51' RT
+35.67 44.97' RT
+04.75 34.09' RT
+11.23 40.10' RT
+11.75 41.60' RT
+76.00 40.07' RT
+74.14 45.00' RT
+82.61 34.08' RT
+68.53 34.12' RT
+75.53 34.13' RT
+96.81 43.22' RT
+00.15 47.40' RT
+02.74 51.03' RT
+51.98 36.08' RT
+50.85 40.07' RT
+50.86 41.59' RT
+92.88 67.11' RT
+97.62 65.53' RT
+91.93 52.17' RT
+88.52 56.42' RT
+79.93 95.10' RT
+89.43 87.71' RT
+89.79 92.72' RT
+52.25 44.23' RT
+52.27 49.23' RT
+27.59 51.35' RT
+50.28 51.25' RT
+50.29 52.85' RT
+52.29 52.29' RT
+81.44 44.09' RT
+81.46 49.09' RT
+39.96 48.81' RT
+81.48 53.03' RT
+43.43 49.31' RT
+48.42 49.29' RT

8100 PAGE AVE
N/F
NORFUL CAROLYN J
BK 17145 PG 4423
PARCEL ID# 16J410096
NO ACQUISITION

10 N/F
VINITA PARK CITY OF
8027 PAGE AVE
LOC 16J410283

11 N/F
AMARS LLC
8015 PAGE AVE
LOC 16J410195

12 N/F
LSA PAWN LLC
8060 PAGE AVE
LOC 16J411107

13 N/F
UNION ELECTRIC COMPANY
8030 PAGE AVE
LOC 16J410030

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 228+50.00 TO STA. 233+50.00
SHEET 17 OF 27

021_PL_017_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	21

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

MATCHLINE STA. 233+50.00

14
N/F
MIDWEST FUEL 2 INC
8001 PAGE AVE
LOC 16J421063

15
N/F
MIDWEST ST. LOUIS LLC
7939 PAGE AVE
7905 PAGE AVE
LOC 16J420259
LOC 16J421085

16
N/F
HOFFMAN 8000 PAGE LLC
8000 PAGE AVE
LOC 16J421074

1619 N. HANLEY RD.
N/F
LATSCH, CHARMAINE TRUSTEE
BK 19220 PG 439
PARCEL ID# 16J421041
NO ACQUISITION

7960 PAGE AVE
N/F
AHMADI NASIR ETAL J/T
BK 22004 PG 979
PARCEL ID# 16J420040
NO ACQUISITION

7956 PAGE AVE
N/F
AHMADI BASHER
BK 23876 PG 1296
PARCEL ID# 16J420028
NO ACQUISITION

N. HANLEY ROAD

℄ ROUTE D

EXISTING R/W

LIMIT OF CONSTRUCTION

TCE

TYPE 2 CURB RAMP

TYPE 6 CURB RAMP

TYPE B C&G

TYPE 4 CURB RAMP

TYPE 5 CURB RAMP

TYPE S CURB

TYPE 7 CURB RAMP

FULL DEPTH PAVEMENT REPAIR

CONC. MEDIAN STRIP

CONC SLOPE PROTECTION

CONCRETE SLOPE PROTECTION

EXIST. MEDIAN (UIP)

WARP TO MATCH EXIST

NEW 10" HEIGHT CONCRETE ISLANDS, 4" SIDEWALK, & TRUNCATED DOMES. SEE TYPICAL SECTIONS AND SPECIAL SHEETS FOR DETAILS.

END MILL/OVERLAY
+40.27
90.91' LT

END MILL/OVERLAY
+25.53
87.82' RT

+95.25 LT. ENTR TYPE 2. 46.5' WIDE 8" PAVED APPROACH. +4.23% GRADE

+82.15 RT. ENTR TYPE 3. 50.6' WIDE 8" PAVED APPROACH. +2.00% GRADE TO ADA PATH. +6.00% GRADE TIE TO EXIST

+68.24 RT. ENTR TYPE 3. 44.0' WIDE 8" PAVED APPROACH. +1.5% TO ADA PATH. +3.00% GRADE TIE TO EXIST

+77.64 LT. ENTR TYPE 3. 23.0' WIDE 8" PAVED APPROACH. 45.50' GRADE TO ADA PATH. +8.58% GRADE TIE TO EXIST

+76.55 RT. ENTR TYPE 3. 33.2' WIDE 8" PAVED APPROACH. +4.47% GRADE TO ADA PATH

+46.43 RT. ENTR TYPE 3. 39.1' WIDE 8" PAVED APPROACH. +5.88% GRADE TO ADA PATH

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

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.

LEGEND
- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

ROADWAY PLAN SHEET
STA. 233+50.00 TO STA. 238+00.00
SHEET 18 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS MADE USING SEALED AND DATED ELECTRONIC FILES.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

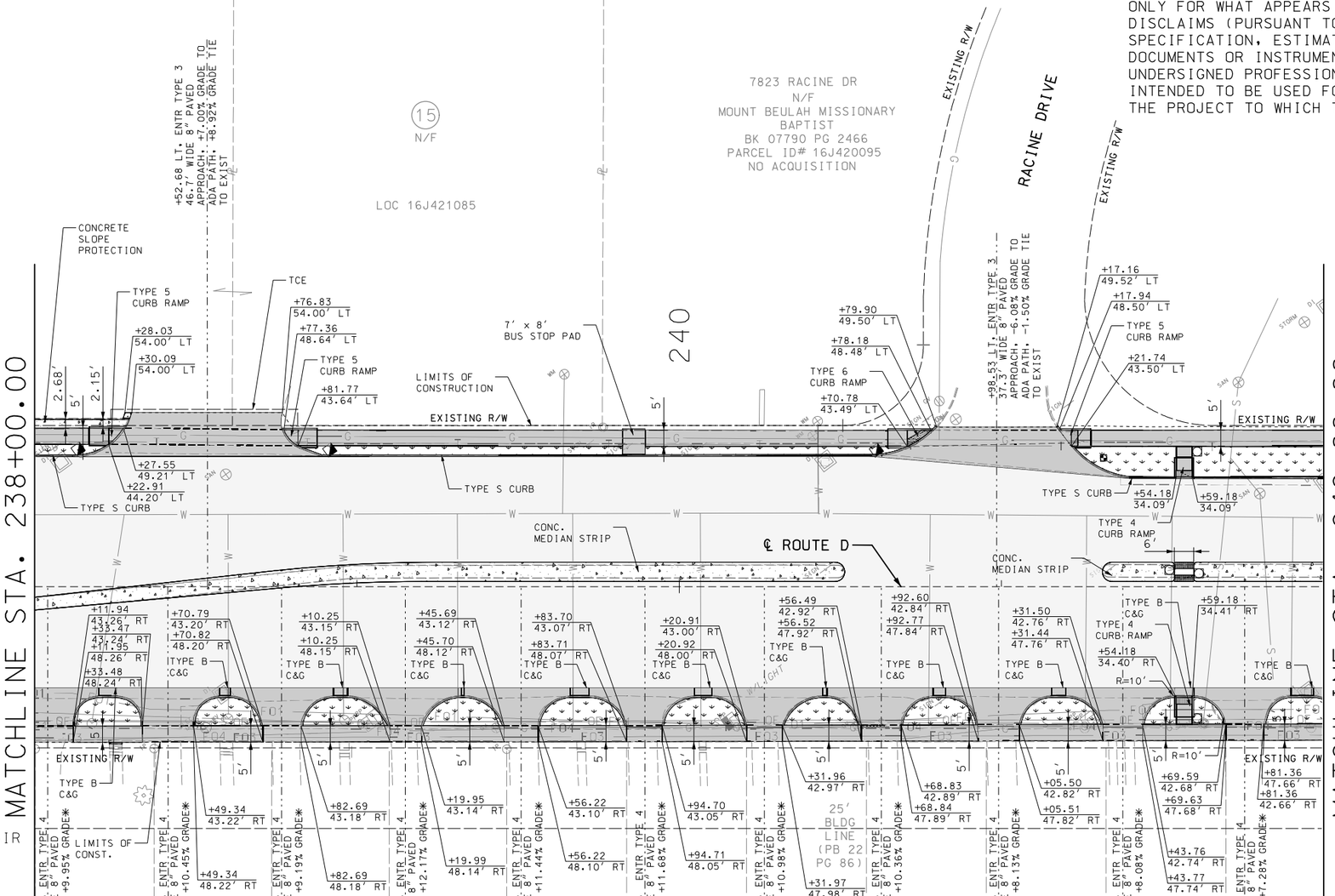
022_PL_018_J6S3215_i20.dgn

DISCLAIMER

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SCALE

0 20 40 60



LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND

(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

* PROPOSED ENTRANCE GRADE IS FROM GUTTER LINE TO EDGE OF SIDEWALK.

ROADWAY PLAN SHEET
STA. 238+00.00 TO STA. 242+00.00
SHEET 19 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	23

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

023_PL_019_J6S3215_i20.dgn

SCALE
0 20 40 60

*PROPOSED ENTRANCE GRADE IS FROM GUTTER LINE TO EDGE OF SIDEWALK.

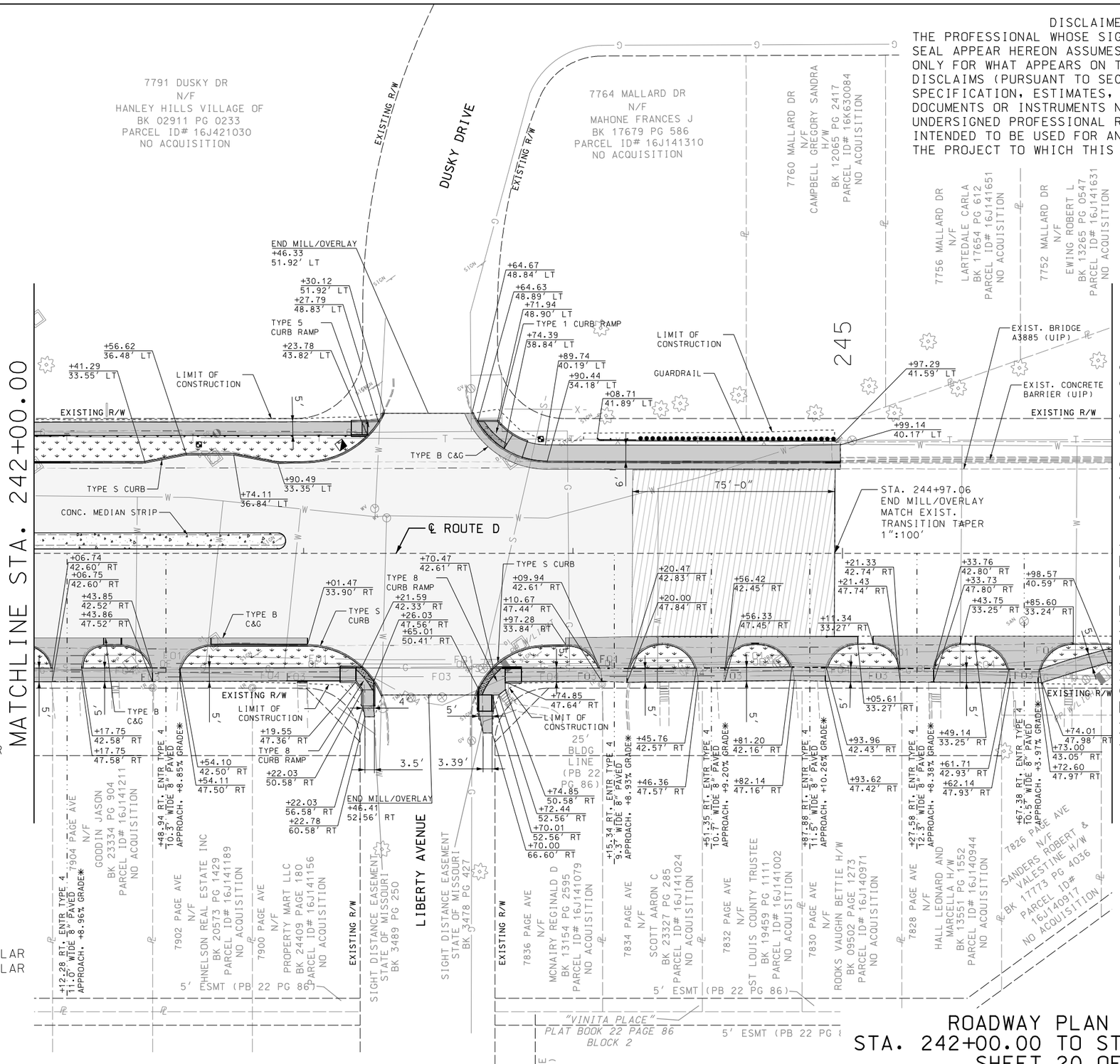
LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

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TYPE 8 = BLENDED TRANSITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.



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ROADWAY PLAN SHEET
STA. 242+00.00 TO STA. 246+00.00
SHEET 20 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS PAGE ARE AUTHENTIC

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

024_PL_020_J6S3215_i20.dgn

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

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MATCHLINE STA. 246+00.00

MATCHLINE STA. 251+00.00

7748 MALLARD DR
N/F
FRENCHIE TRACEY
BK 17076 PG 1666
PARCEL ID# 16J141695
NO ACQUISITION

7744 MALLARD DR
N/F
KOEHR PATRICIA J
BK 10136 PG 1041
PARCEL ID# 16J141684
NO ACQUISITION

7740 MALLARD DR
N/F
NUMBER ONE RENTALS LLC
BK 18897 PG 1394
PARCEL ID# 16J141673
NO ACQUISITION

7736 MALLARD DR
N/F
MCGEE GEORGIA M CLAUDE
H/H
BK 11686 PG 0422
PARCEL ID# 16J141662
NO ACQUISITION

7732 MALLARD DR
N/F
MANUEL VANNEATA M
BK 07658 PG 0354
PARCEL ID# 16J231202
NO ACQUISITION

ST. LOUIS AND BELT TERMINAL RAILROAD

EXISTING R/W

℄ ROUTE D

EXIST. CURB (UIP)

LIMIT OF CONSTRUCTION

5'

+83.50
33.19' RT

+97.80
35.90' RT

+97.79
40.90' RT

+76.28
35.89' RT

+73.01
40.89' RT

+70.77
49.45' RT

+38.72
33.21' RT

+45.93
35.89' RT

+49.22
40.92' RT

+49.73
49.46' RT

10' BLDG LINE (PB/22 PG 86)

TCE

5' ESMT (PB 22 PG 86)

+60.25 RT. ENTR TYPE 4
21.0' WIDE 8" PAVED
APPROACH. +6.91% GRADE

EXIST. BRIDGE A3885 (UIP)

17
N/F
JAMES QUEEN E TR
7824 PAGE AVE
LOC 16J140870

7812 PAGE AVE
N/F
HFL HOLDINGS LLC
BK - PG -
PARCEL ID# 16J140861
NO ACQUISITION

7808 PAGE AVE
N/F
WALTON LUSTER G HELEN H/W
BK 07422 PG 0581
PARCEL ID# 16J140661
NO ACQUISITION

1647 QUENDO AVE
N/F
TAYLOR SANDRA NOVELLA
BK 07388 PG 1785
PARCEL ID# 16J230377
NO ACQUISITION

250

+79.69
42.52' LT

+78.77
41.23' LT

LIMIT OF CONSTRUCTION

+75.00
36.13' LT

+69.43
33.80' LT

EXISTING SIDEWALK (UIP)

ENTRANCE (UIP)

ENTRANCE (UIP)

TYPE B C&G

+56.40
36.73' RT

+66.63
45.38' RT

+40.56
33.78' RT

6.62'

+40.55
40.39' RT

LIMIT OF CONSTRUCTION

+57.64
45.39' RT

TYPE 1 CURB RAMP

QUENDO AVENUE

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

SCALE
0 20 40 60

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 246+00.00 TO STA. 251+00.00
SHEET 21 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	25

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

025_PL_021_J6S3215_i20.dgn

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

SCALE
0 20 40 60

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

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TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
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ST. LOUIS AND BELT TERMINAL RAILROAD

MATCHLINE STA. 251+00.00

MATCHLINE STA. 256+00.00

EXISTING R/W

7775 PAGE AVE
N/F
LENETTE REALTY & INVESTMENT COMPANY
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

7731 PAGE AVE
N/F
BHAKTA VASANT
BK 23105 PG 599
PARCEL ID# 16J231170
NO ACQUISITION

7717 PAGE AVE
N/F
MIRAN INVESTMENT
BK 07368 PG 1831
PARCEL ID# 16J231213
NO ACQUISITION

7701 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

+09.07 LT. ENTR TYPE 3 58.8' WIDE 8" PAVED APPROACH, +5.42% GRADE TO ADA PATH, +1.27% GRADE TIE TO EXIST

+38.46 42.66' LT — TYPE 5 CURB RAMP
+37.54 41.66' LT
+37.75 36.66' LT
7' x 8' BUS STOP PAD
+27.91 41.56' LT
+26.76 44.00' LT
+28.12 36.56' LT
TYPE 5 CURB RAMP
+42.02 33.98' LT
EXIST. CURB (UIP)
+25.15 34.07' LT

+51.00 LT. ENTR TYPE 3 48.5' WIDE 8" PAVED APPROACH, +6.68% GRADE TO ADA PATH, -0.98% GRADE TIE TO EXIST

+93.35 44.00' LT
+91.83 41.49' LT
+88.39 36.50' LT
+75.24 44.00' LT
+76.72 41.51' LT
+80.21 36.50' LT

+06.89 LT. ENTR TYPE 3 27.1' WIDE 8" PAVED APPROACH, +5.42% GRADE TO ADA PATH, -9.30% GRADE TIE TO EXIST

+19.40 41.50' LT
+20.44 44.00' LT
+20.17 36.50' LT
LIMIT OF CONSTRUCTION
+95.04 43.48' LT
+95.97 41.50' LT
+94.96 36.50' LT
TYPE 5 CURB RAMP
+23.65 33.96' LT
TYPE 5 CURB RAMP
+90.49 33.89' LT
EXIST. CURB (UIP)

+09.58 LT. ENTR TYPE 3 29.1' WIDE 8" PAVED APPROACH, +3.72% GRADE TO ADA PATH, +8.35% GRADE TIE TO EXIST

+24.12 43.50' LT
+60.96 43.50' LT
+24.21 41.50' LT
+60.95 41.50' LT
+25.55 36.50' LT
+60.37 36.50' LT
TYPE 5 CURB RAMP
TYPE 5 CURB RAMP
+29.82 33.91' LT
EXIST. CURB (UIP)
+55.94 33.81' LT

+79.17 LT. ENTR TYPE 3 36.4' WIDE 8" PAVED APPROACH, +2.66% GRADE TO ADA PATH, +2.20% GRADE TIE TO EXIST

+72.84 LT. ENTR TYPE 1 31.1' WIDE 8" PAVED APPROACH, +10.09% GRADE

+57.27 37.55' LT
+97.37 43.30' LT
+56.52 36.20' LT
+98.09 40.44' LT
TYPE 6 CURB RAMP
+48.76 30.74' LT
TYPE 6 CURB RAMP
+03.28 34.05' LT
EXIST. CURB (UIP)
+93.41 27.78' LT
TYPE 6 CURB RAMP
+88.91 33.78' LT
+88.40 36.58' LT
TYPE 8 C&G

STA. 255+97.43
BEGIN MILL/OVERLAY
MATCH EXIST.
TRANSITION TAPER
1":100'

℄ ROUTE D

EXIST. SIDEWALK (UIP)
+68.43 33.58' RT
+68.43 39.52' RT
EXIST. CURB (UIP)
+74.40 40.08' RT
7' x 8' BUS STOP PAD
LIMIT OF CONSTRUCTION
+92.49 33.51' RT
+92.44 39.72' RT
TYPE 6 CURB RAMP
LIMIT OF CONSTRUCTION
+05.49 33.60' RT
+16.10 40.18' RT
EXISTING R/W
ENTRANCE (UIP)
EXIST. CURB (UIP)
EXIST. SIDEWALK (UIP)
ENTRANCE (UIP)
EXIST. CURB (UIP)
+40.40 33.69' RT
+40.39 39.69' RT
+46.37 40.19' RT
LIMIT OF CONSTRUCTION
+62.35 33.71' RT
+62.34 39.67' RT
+56.37 40.20' RT
EXIST. CURB (UIP)
EXIST. SIDEWALK (UIP)
ENTRANCE (UIP)

7728 PAGE AVE
N/F
DURSO JOSEPH
BK 24080 PG 4389
PARCEL ID# 16J231192
NO ACQUISITION

7722 PAGE AVE
N/F
GUY BEY DORIAN
BK 13765 PG 2403
PARCEL ID# 16J230278
NO ACQUISITION

7720 PAGE AVE
N/F
DOWNING LEVON
BK 10633 PG 0068
PARCEL ID# 16J230267
NO ACQUISITION

7718 PAGE AVE
N/F
MMIT GROUP STL1 LLC
BK 23082 PG 1012
PARCEL ID# 16J230245
NO ACQUISITION

7716 PAGE AVE
N/F
JR SOD COMPANY
BK 11262 PG 2035
PARCEL ID# 16J230234
NO ACQUISITION

7710 PAGE AVE
N/F
JR SOD COMPANY
BK 10231 PG 0729
PARCEL ID# 16J231246
NO ACQUISITION

QUENDO AVENUE
EXISTING R/W

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 251+00.00 TO STA. 256+00.00
SHEET 22 OF 27

026_PL_022_J6S3215_i20.dgn

STATE OF MISSOURI
CASSEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	26

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

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7701 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

7621 PAGE AVE
N/F
WEST PORT STL INC
BK 24230 PG 2065
PARCEL ID# 16J231235
NO ACQUISITION

7601 PAGE AVE
N/F
SHERWIN WILLIAMS COMPANY
BK 10820 PG 1530
PARCEL ID# 16J231224
NO ACQUISITION

MATCHLINE STA. 256+00.00

MATCHLINE STA. 261+00.00

EXISTING R/W

LIMIT OF CONSTRUCTION

WARP TO MATCH EXIST

CONC. MEDIAN STRIP

℄ ROUTE D

TYPE 6 CURB RAMP

TYPE B C&G

TYPE S CURB

ENTRANCE (UIP)

EXIST. SIDEWALK (UIP)

EXIST. CURB (UIP)

FULL DEPTH PAVEMENT REPAIR

TYPE 2 CURB RAMP

END MILL/OVERLAY

BRADFORD AVENUE

PURDUE AVENUE

7700 PAGE AVE
N/F
JR SOD COMPANY
BK 10231 PG 0729
PARCEL ID# 16J230135
NO ACQUISITION

7626 PAGE AVE
N/F
DORSEY IDA MAE
BK 22659 PG 1169
PARCEL ID# 16J230081
NO ACQUISITION

7620 PAGE AVE
N/F
DORSEY IDA
BK 23153 PG 72
PARCEL ID# 16J230047
NO ACQUISITION

7618 PAGE AVE
N/F
WILLIAMS HATTIE MAE
JESSIE ETAL J/T
BK 23053 PG 14
PARCEL ID# 16J310479
NO ACQUISITION

7610 PAGE AVE
N/F
TIAMIYU OMOLADUN
BK 18712 PG 2794
PARCEL ID# 16J231147
NO ACQUISITION

7600 PAGE AVE
N/F
ESKRIDGE BOBBY J
MELODY E H/W
BK 10919 PG 2581
PARCEL ID# 16J211589
NO ACQUISITION

NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 256+00.00 TO STA. 261+00.00
SHEET 23 OF 27

027_PL_023_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND WRITTEN SIGNATURE ON THIS DOCUMENT WERE AUTHENTICATED AND APPROVED ELECTRONICALLY

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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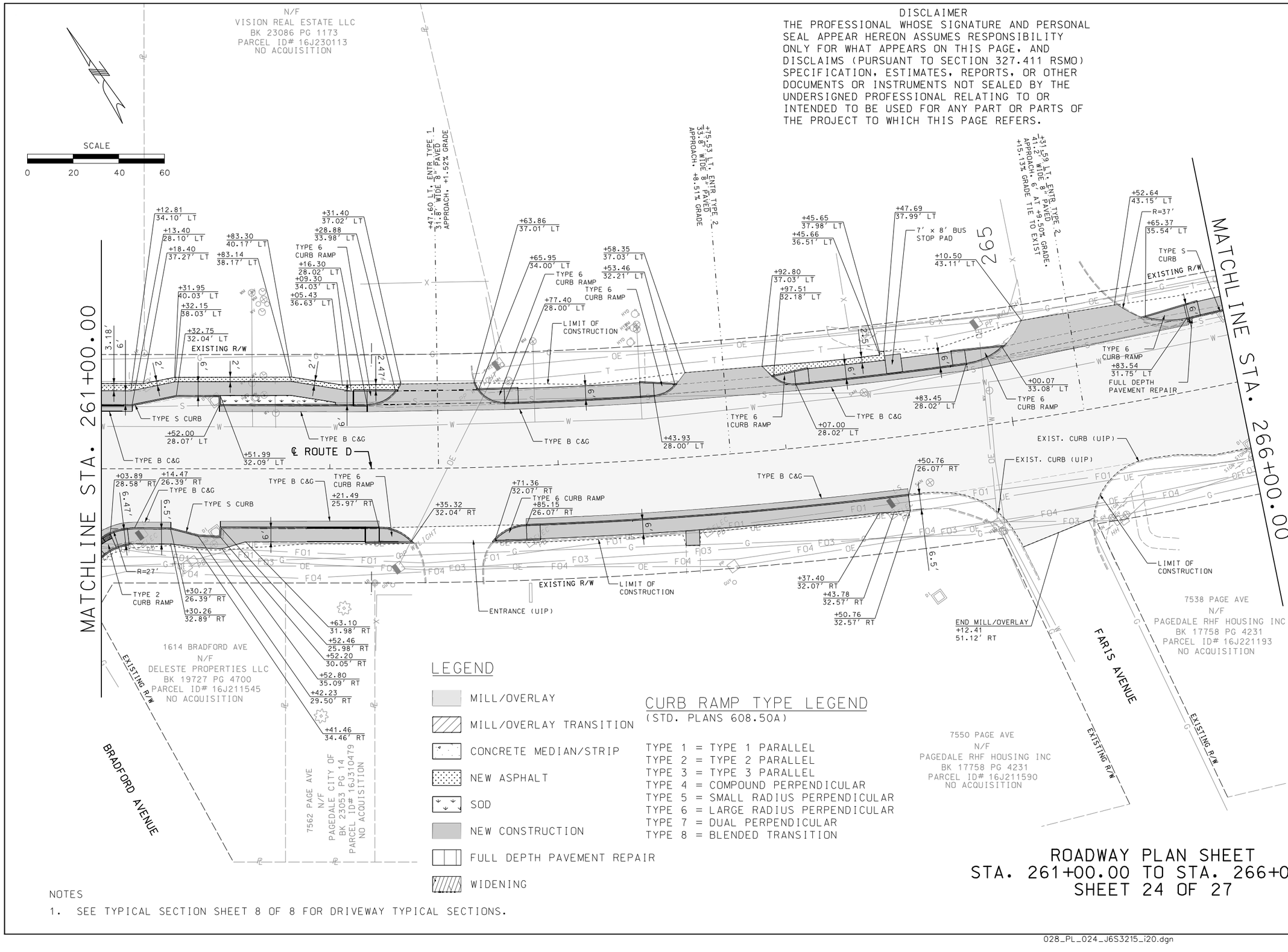
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



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.

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

CURB RAMP TYPE LEGEND

(STD. PLANS 608.50A)

TYPE 1 = TYPE 1 PARALLEL
TYPE 2 = TYPE 2 PARALLEL
TYPE 3 = TYPE 3 PARALLEL
TYPE 4 = COMPOUND PERPENDICULAR
TYPE 5 = SMALL RADIUS PERPENDICULAR
TYPE 6 = LARGE RADIUS PERPENDICULAR
TYPE 7 = DUAL PERPENDICULAR
TYPE 8 = BLENDED TRANSITION

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 261+00.00 TO STA. 266+00.00
SHEET 24 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	28

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MoDOT J6S3215 - ROUTE D PROJECT

028_PL_024_J6S3215_i20.dgn

SCALE

0 20 40 60

LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

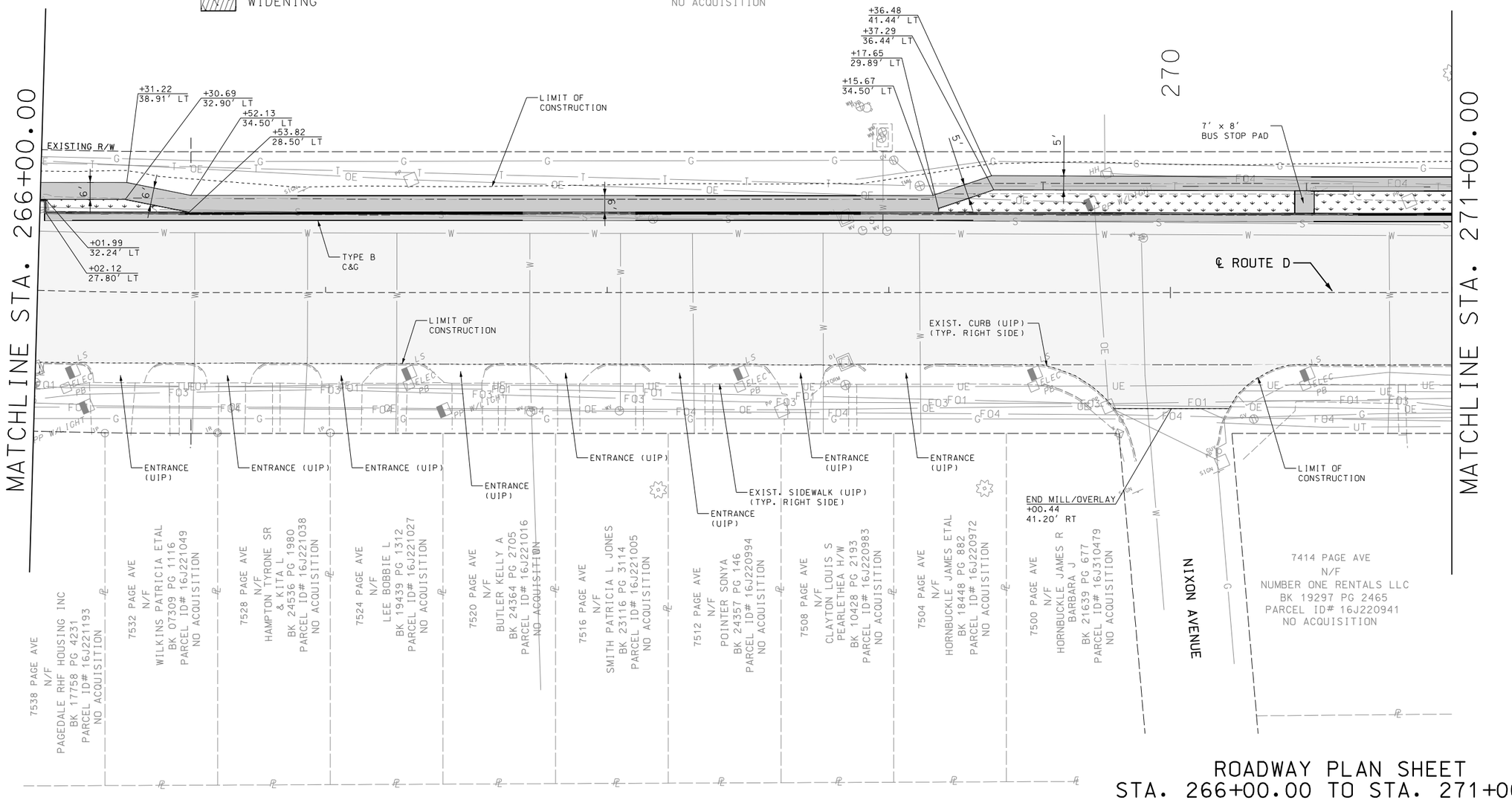
CURB RAMP TYPE LEGEND

(STD. PLANS 608.50A)

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ROADWAY PLAN SHEET
STA. 266+00.00 TO STA. 271+00.00
SHEET 25 OF 27

NOTES

1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

029_PL_025_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS SHEET WAS AUTHORIZED BY CASEY ELSTEN, PE, ON 1-SEP-2023 AND THE ORIGINAL SEALED AND DATED COPY IS STORED AT THE PARSONS OFFICE.

DATE PREPARED 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	29

COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LEGEND

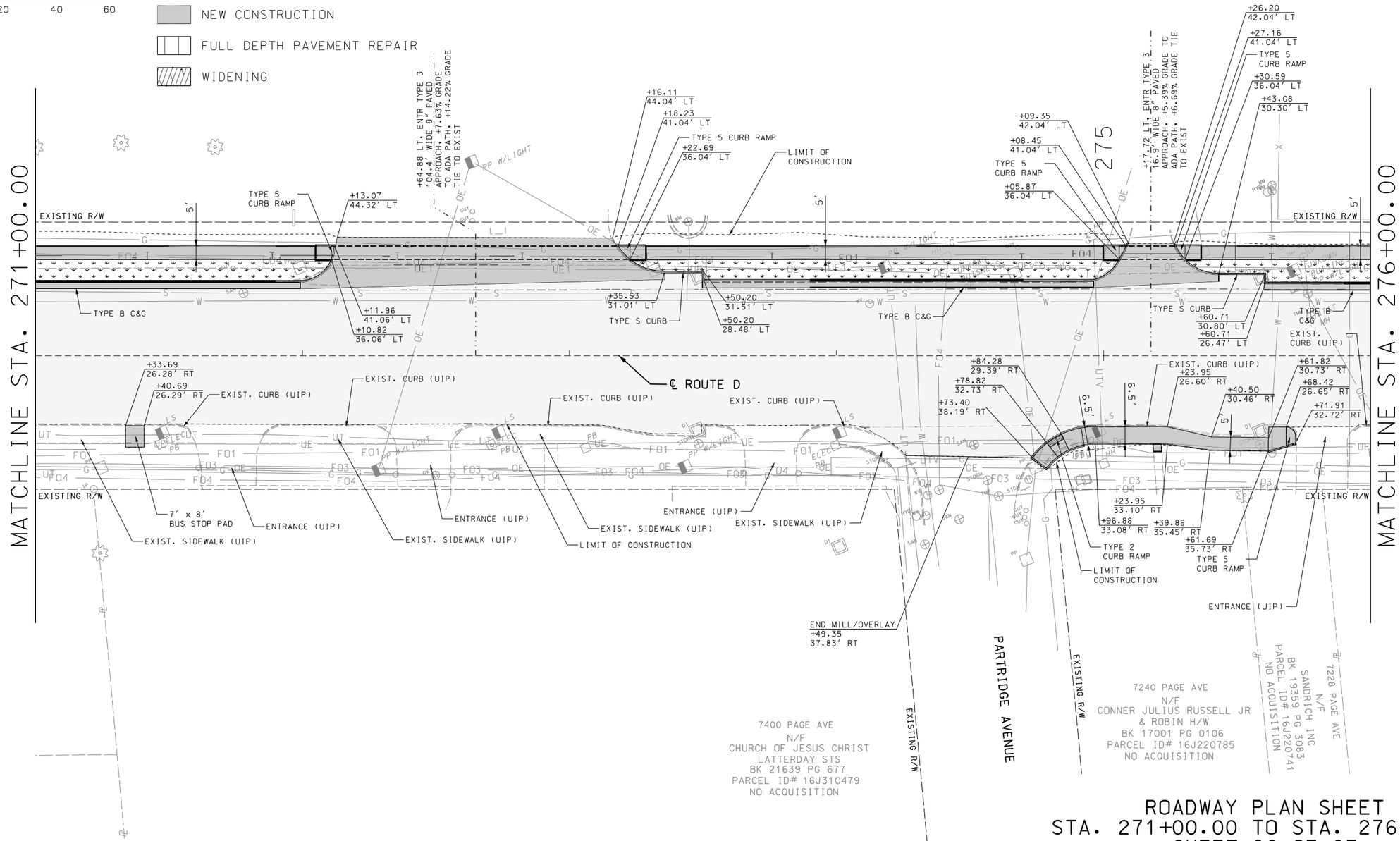
- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
- CONCRETE MEDIAN/STRIP
- NEW ASPHALT
- SOD
- NEW CONSTRUCTION
- FULL DEPTH PAVEMENT REPAIR
- WIDENING

SCALE
0 20 40 60

CURB RAMP TYPE LEGEND
(STD. PLANS 608.50A)

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NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 271+00.00 TO STA. 276+00.00
SHEET 26 OF 27

030_PL_026_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	30

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)
MoDOT
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MoDOT J6S3215 - ROUTE D PROJECT

SCALE
0 20 40 60

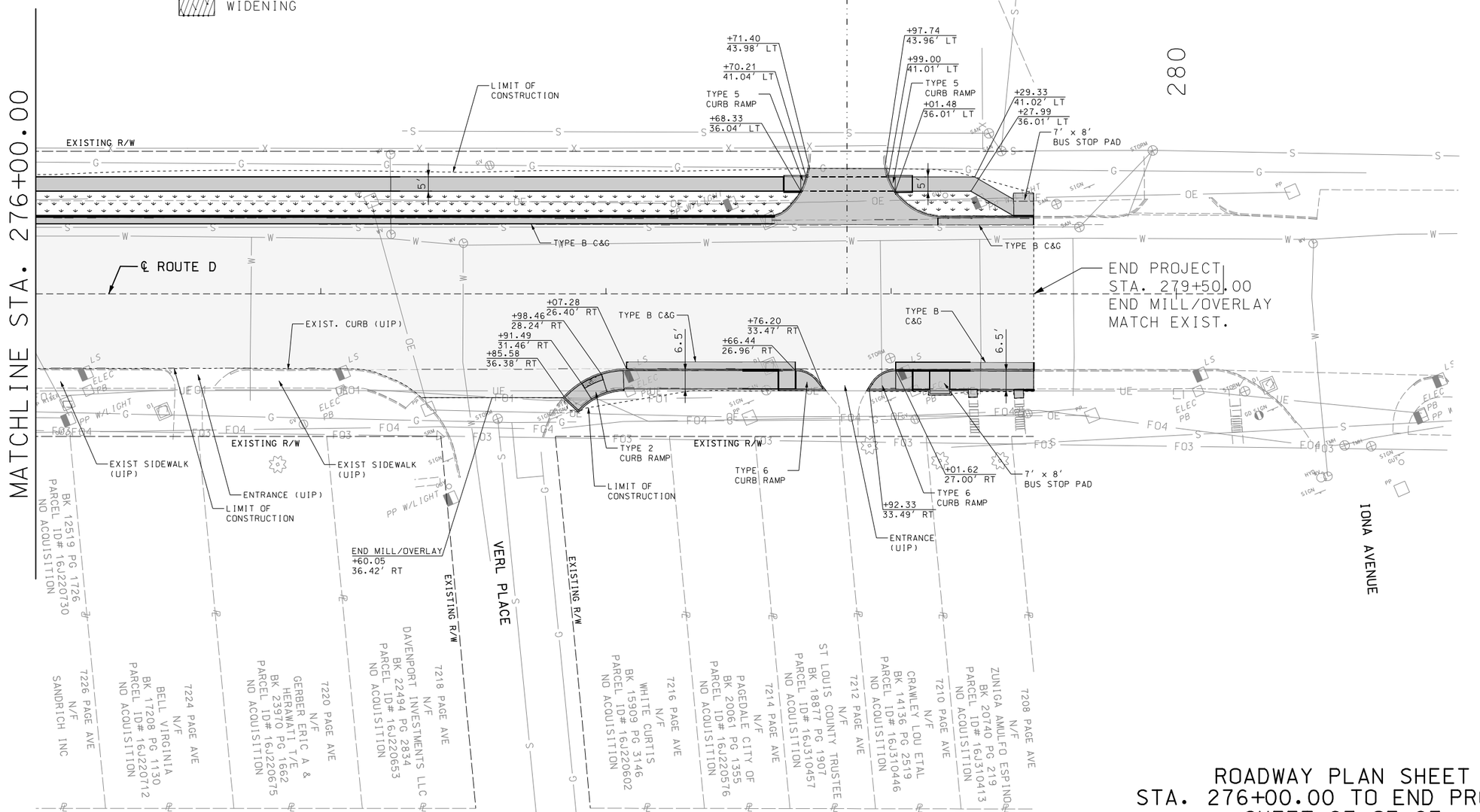
LEGEND

- MILL/OVERLAY
- MILL/OVERLAY TRANSITION
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- NEW ASPHALT
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NOTES
1. SEE TYPICAL SECTION SHEET 8 OF 8 FOR DRIVEWAY TYPICAL SECTIONS.

ROADWAY PLAN SHEET
STA. 276+00.00 TO END PROJECT
SHEET 27 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	31

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

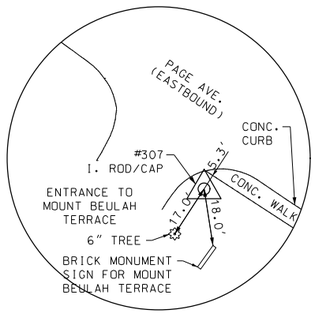
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

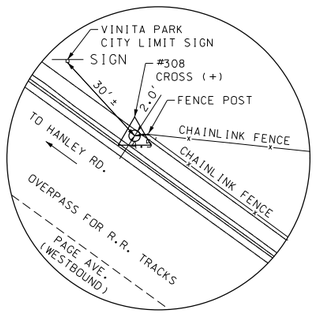
031_PL_027_J6S3215_i20.dgn

CP #307 STA. 262+73.24
N = 1036258.23 38.10' RT
E = 871343.59 ROUTE D
Z = 571.6



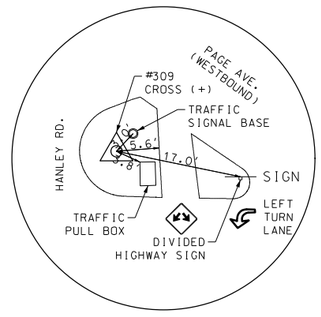
SET IRON ROD WITH CAP

CP #308 STA. 248+99.59
N = 1037128.16 39.69' LT
E = 870276.10 ROUTE D
Z = 600.8



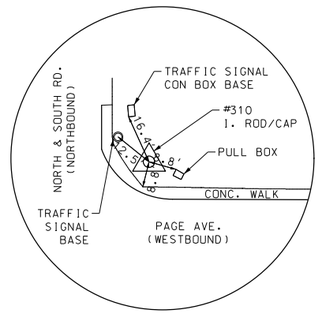
CUT CROSS (+) AT END
OF CONC. WALK

CP #309 STA. 235+89.26
N = 1037865.01 0.90' RT
E = 869191.81 ROUTE D
Z = 595.2



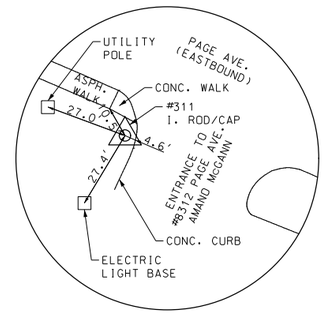
CUT CROSS (+) ON CONC.
CENTER MEDIAN

CP #310 STA. 215+60.22
N = 1037930.78 48.87' LT
E = 867167.57 ROUTE D
Z = 605.6



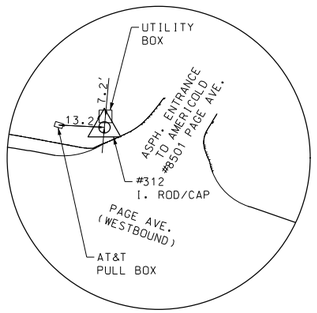
SET IRON ROD WITH CAP

CP #311 STA. 209+92.13
N = 1038043.70 42.54' RT
E = 866618.93 ROUTE D
Z = 591.3



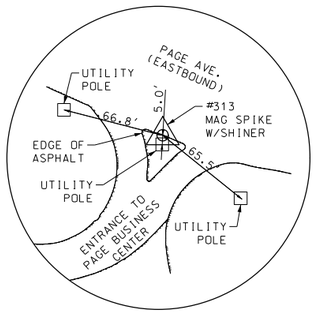
SET IRON ROD WITH CAP

CP #312 STA. 196+38.62
N = 1038628.29 50.08' LT
E = 865387.62 ROUTE D
Z = 583.3



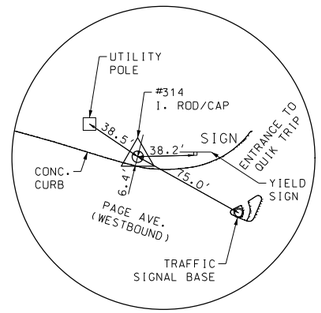
SET IRON ROD WITH CAP

CP #313 STA. 176+18.44
N = 1038605.81 36.29' RT
E = 863324.20 ROUTE D
Z = 598.4



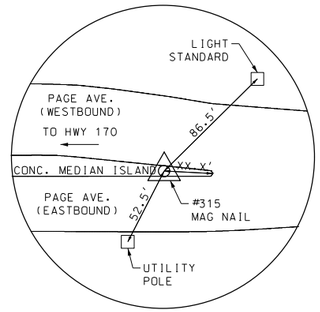
SET MAG SPIKE WITH SHINER

CP #314 STA. 170+61.14
N = 1038933.59 38.87' LT
E = 862855.93 ROUTE D
Z = 616.0



SET IRON ROD WITH CAP

CP #315 STA. 165+85.96
N = 1038924.22 6.73' RT
E = 862371.50 ROUTE D
Z = 609.7



FND O. MAG NAIL
ON CENTER MEDIAN

ST. LOUIS COUNTY BM 9471
NAVD88 ELEV = 594.66 FTUS
CUT "U" ON THE TOP EAST EDGE OF THE ROUND CONCRETE BASE FOR A SMALL TRAFFIC SIGNAL SITUATED ON THE SOUTHWEST CORNER OF THE INTERSECTION OF PAGE AVENUE WITH HANLEY ROAD, IMMEDIATELY SOUTH OF THE STOP LINE AT THE EAST END OF THE RIGHT TURN LANE ALONG THE SOUTH SIDE OF EASTBOUND PAGE AVENUE; ROUGHLY 48 FEET NORTHWEST OF THE NORTHERN BULL NOSE END OF THE MEDIAN ISLAND WITHIN HANLEY ROAD, 84 FEET NORTHEAST OF THE NORTHEAST CORNER OF THE JIFFY LUBE BUILDING ADDRESSED AS #8000 PAGE AVENUE, AND 5 FEET SOUTHWEST OF A WOODEN UTILITY POLE WITH MULTIPLE CROSS ARMS AND AN OVERHEAD STREET LAMP.

ST. LOUIS COUNTY BM 9033
NAVD88 ELEV = 586.84 FTUS
"SQ" ON NORTHWEST CORNER BOTTOM STEP OF LOWER FLIGHT OF STEPS OFF DRIVEWAY AT YARD ENTRANCE TO HOUSE #8506 PAGE AVENUE; 50' SOUTH OF CENTERLINE PAGE AVENUE AND 230' EAST OF CRYSTAL COURT DRIVE.

ST. LOUIS COUNTY BM 9141
NAVD88 ELEV = 595.94 FTUS
"U" ON CONCRETE WALK 0.3' EAST OF ONE-STORY COMMERCIAL BUILDING #1523 NORTH AND SOUTH ROAD; SOUTHWEST CORNER NORTH AND SOUTH ROAD AND MILAN AVENUE.

ST. LOUIS COUNTY BM 14441
NAVD88 ELEV = 526.71 FTUS
RM 402 FEMA PANEL 187; "O" IN OPEN ON FIRE HYDRANT; NORTHEAST CORNER OF PENNSYLVANIA AVENUE AND DUNLEER WAY.

ST. LOUIS COUNTY BM 14465
NAVD88 ELEV = 523.59 FTUS
RM 403 FEMA PANEL 187; "O" IN OPEN ON FIRE HYDRANT AT THE NORTHWEST CORNER OF PENNSYLVANIA AVENUE AND ELTORA AVENUE.

REFERENCE POINTS
SHEET 1 OF 1

032_RP_001_J6S3215_i10.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
SHEET LAND REFERENCE POINTS
BRAND PAE DATED 10/20/2023

DATE PREPARED
20-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	32

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 100 200 300 400 500

COORDINATE POINTS

LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
ROUTE D	CL	1038930.6401	861235.4363	POT STA. 154+49.89 ROUTE D	1
ROUTE D	CL	1038931.0291	862648.1492	PC STA. 168+62.60 ROUTE D	2
ROUTE D	18.85' LT	1038931.0699	862796.3086	PI STA. 170+10.76 ROUTE D	3
ROUTE D	572.89' RT	1038358.1391	862648.3070	CENTER OF CURVE	4
ROUTE D	CL	1038859.2765	862925.9116	PT STA. 171+52.60 R2 ROUTE D	5
ROUTE D	CL	1038677.3166	863254.3892	PC STA. 175+28.05 R3 ROUTE D	6
ROUTE D	18.69' RT	1038605.8390	863383.4221	PI STA. 176+75.56 ROUTE D	7
ROUTE D	572.89' LT	1039178.4540	863531.9938	CENTER OF CURVE	8
ROUTE D	CL	1038605.5649	863530.9295	PT STA. 178+16.79 R3 ROUTE D	9

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 20-JUL-2023

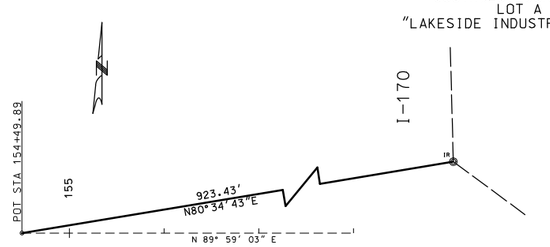
ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	33

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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LAND TIE #1



5/8 INCH IRON ROD FOUND AT THE INTERSECTION OF THE EAST LINE OF INTERSTATE 170 WITH THE SOUTHWEST CORNER OF LOT "A" OF "LAKESIDE INDUSTRIAL PARK" AS RECORDED IN PLAT BOOK 217, PAGES 23 AND 24 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE
923.43 FEET TO CENTERLINE STATION 154+49.89 ON ROUTE D
PROJECT COORDINATES:
N:1039081.8000 E:862146.4138

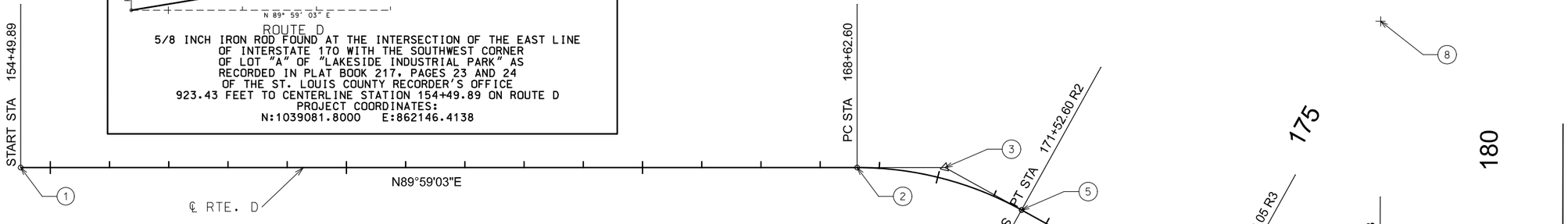
CURVE EXBL_3	
PI	170+10.76
PC	168+62.60
PT	171+52.60
Δ	29°0'0.0" (RT)
D	10°0'4.3"
L	289.97'
T	148.16'
R	572.89'

PROJECTION FACTOR = 1.0000878

NOTE:

THE PROJECTION FACTOR IS USED AS A MULTIPLIER FROM STATE PLANE DISTANCES TO GROUND DISTANCES. THE FACTOR WAS APPLIED FROM COORDINATE 0,0.

COORDINATE POINT LISTING - TABLE OF ROUTE D PROJECT COORDINATES US STATE PLANE NAD83 ZONE 2401 (MISSOURI EAST) - MODIFIED TO GROUND VERTICAL DATUM: NAVD88



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

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD83 (2011)
VERTICAL DATUM	NAVD88
GEOID MODEL	12A GRS80
ELEVATIONS DETERMINED BY	GNSS OBSERVATION
PROJECT PROJECTION FACTOR	1.0000878

REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	MISSOURI STATE PLANE
CONTROL STATION	CONTINUOUSLY OPERATING REFERENCE STATION
DESIGNATION	MODOT BELLEFONT CORS ARP
CORS_ID	MOBF
PID	DN6075
LATITUDE	38 45 15.51915(N)
LONGITUDE	090 41 47.69248(W)
NORTHING (M)	325.298.422
EASTING (M)	272.023.946
ZONE	EAST ZONE
PROJECT AVERAGE GRID FACTOR	0.999912208

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

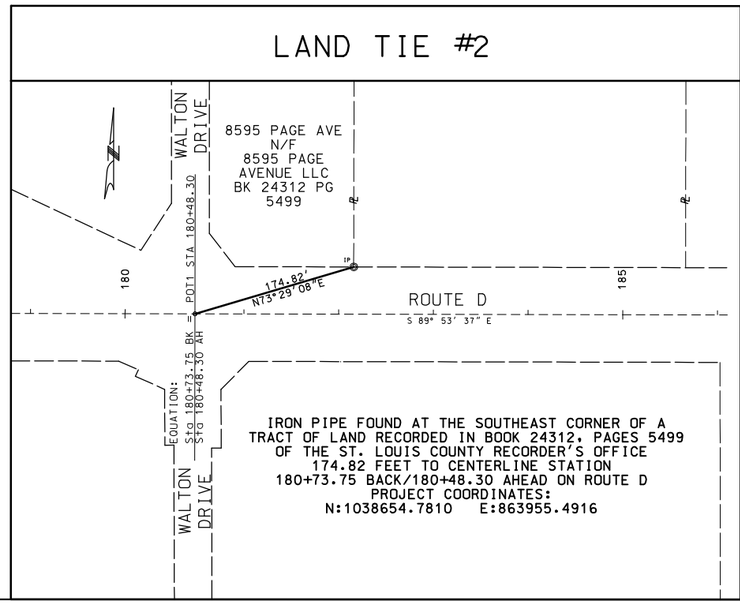
PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #300
N 1033207.4567 X 0.999912208 = N 1033116.7494
E 880240.1043 X 0.999912208 = E 880162.8260

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

LAND TIE #2



IRON PIPE FOUND AT THE SOUTHEAST CORNER OF A TRACT OF LAND RECORDED IN BOOK 24312, PAGES 5499 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE
174.82 FEET TO CENTERLINE STATION 180+73.75 BACK/180+48.30 AHEAD ON ROUTE D
PROJECT COORDINATES:
N:1038654.7810 E:863955.4916

CURVE EXBL_6	
PI	176+75.56
PC	175+28.05
PT	178+16.79
Δ	28°52'40.0" (LT)
D	10°0'4.3"
L	288.74'
T	147.51'
R	572.89'

GEOMETRIC & COORDINATE POINTS SHEET
SHEET 1 OF 5

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST.LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

033_CP_001_J6S3215_i100.dgn

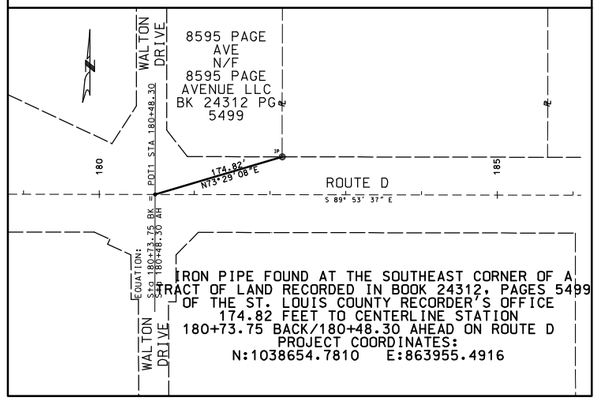
SCALE

0 100 200 300 400 500

COORDINATE POINTS

LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
ROUTE D	CL	1038602.5208	865169.5961	PC STA. 194+29.84 R5 ROUTE D	10
ROUTE D	17.83' LT	1038602.1763	865355.0265	PI STA 196+15.27 R5 ROUTE D	11
ROUTE D	955.37 ' RT	1037647.1525	865167.8214	CENTER OF CURVE	12
ROUTE D	CL	1038532.4887	865526.8640	PT STA. 197+96.42 R6 ROUTE D	13

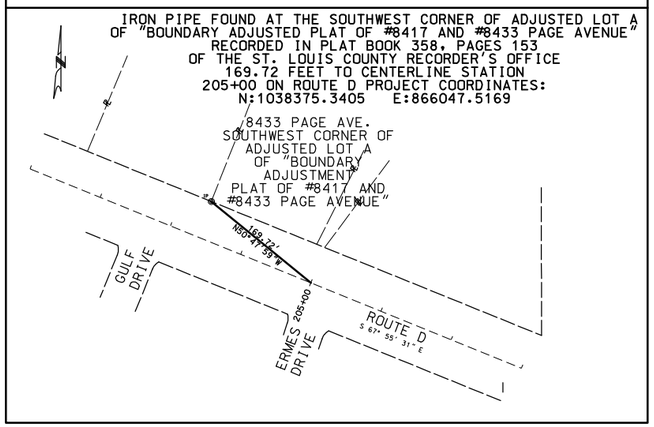
LAND TIE #2

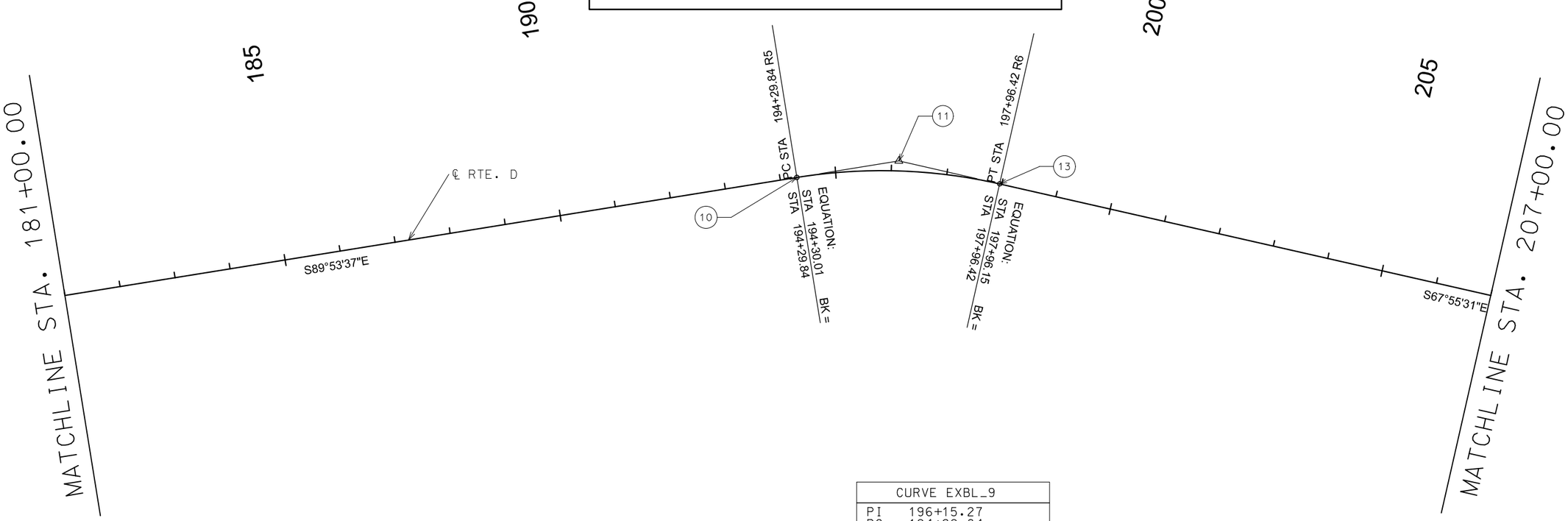


IRON PIPE FOUND AT THE SOUTHEAST CORNER OF A TRACT OF LAND RECORDED IN BOOK 24312, PAGES 5499 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE
174.82 FEET TO CENTERLINE STATION
180+73.75 BACK/180+48.30 AHEAD ON ROUTE D
PROJECT COORDINATES:
N:1038654.7810 E:863955.4916

LAND TIE #3

IRON PIPE FOUND AT THE SOUTHWEST CORNER OF ADJUSTED LOT A OF "BOUNDARY ADJUSTED PLAT OF #8417 AND #8433 PAGE AVENUE" RECORDED IN PLAT BOOK 358, PAGES 153 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE
169.72 FEET TO CENTERLINE STATION
205+00 ON ROUTE D PROJECT COORDINATES:
N:1038375.3405 E:866047.5169





CURVE EXBL_9	
PI	196+15.27
PC	194+29.84
PT	197+96.42
Δ	21°58'5.8" (RT)
D	5°59'50.0"
L	366.31'
T	185.43'
R	955.37'

GEOMETRIC & COORDINATE POINTS SHEET
SHEET 2 OF 5

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
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL SHALL BEAR THE NAME, WEALTH AND DATES TO EXPIRE ON B.S.

DATE PREPARED
20-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

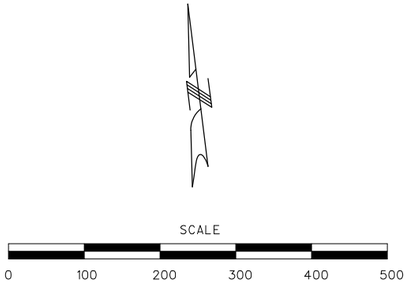
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

034_CP_002_J6S3215_i100.dgn

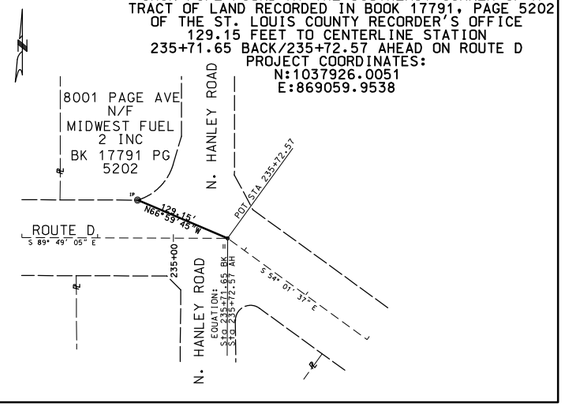


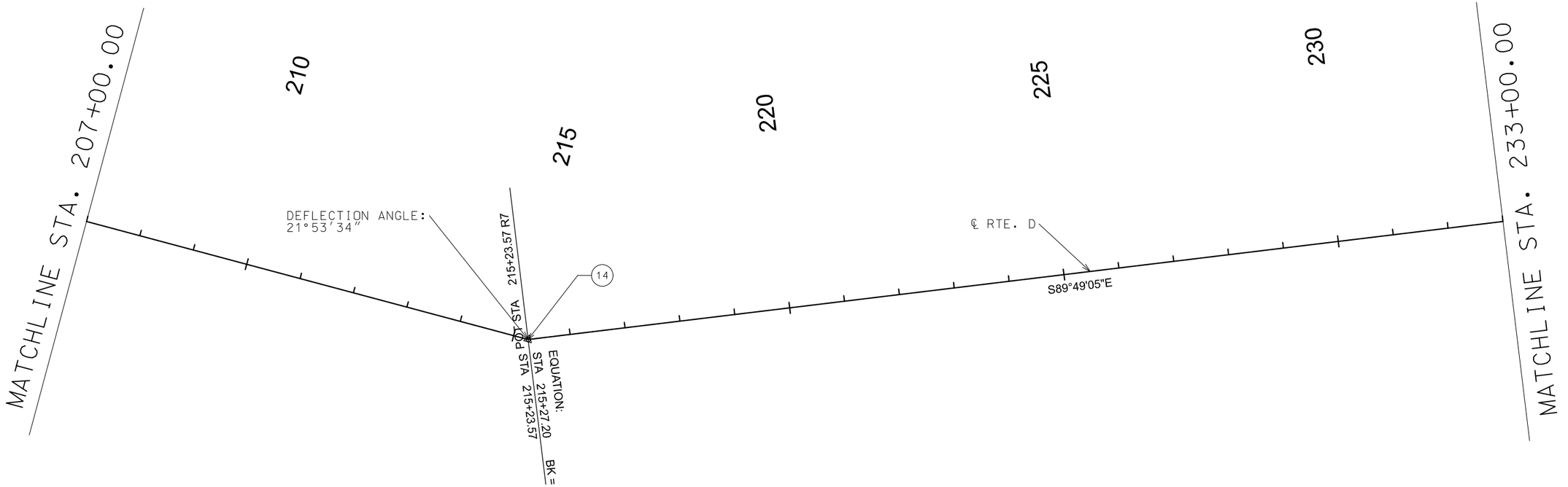
COORDINATE POINTS

LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
ROUTE D	CL	1037882.0356	867130.7673	POT STA. 215+23.54 R7 ROUTE D	14

LAND TIE #4

IRON PIPE FOUND AT THE SOUTHEAST CORNER OF A TRACT OF LAND RECORDED IN BOOK 17791, PAGE 5202 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE
129.15 FEET TO CENTERLINE STATION
235+71.65 BACK/235+72.57 AHEAD ON ROUTE D
PROJECT COORDINATES:
N:1037926.0051
E:869059.9538





GEOMETRIC & COORDINATE POINTS SHEET
SHEET 3 OF 5

DISCLAIMER
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS SHEET WERE AFFIXED ON THE DATE SHOWN

DATE PREPARED: 20-JUL-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 35
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

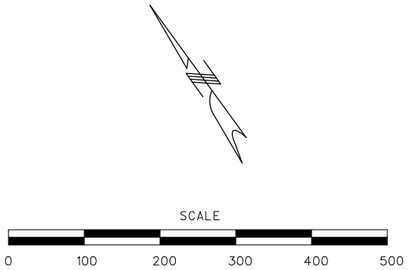
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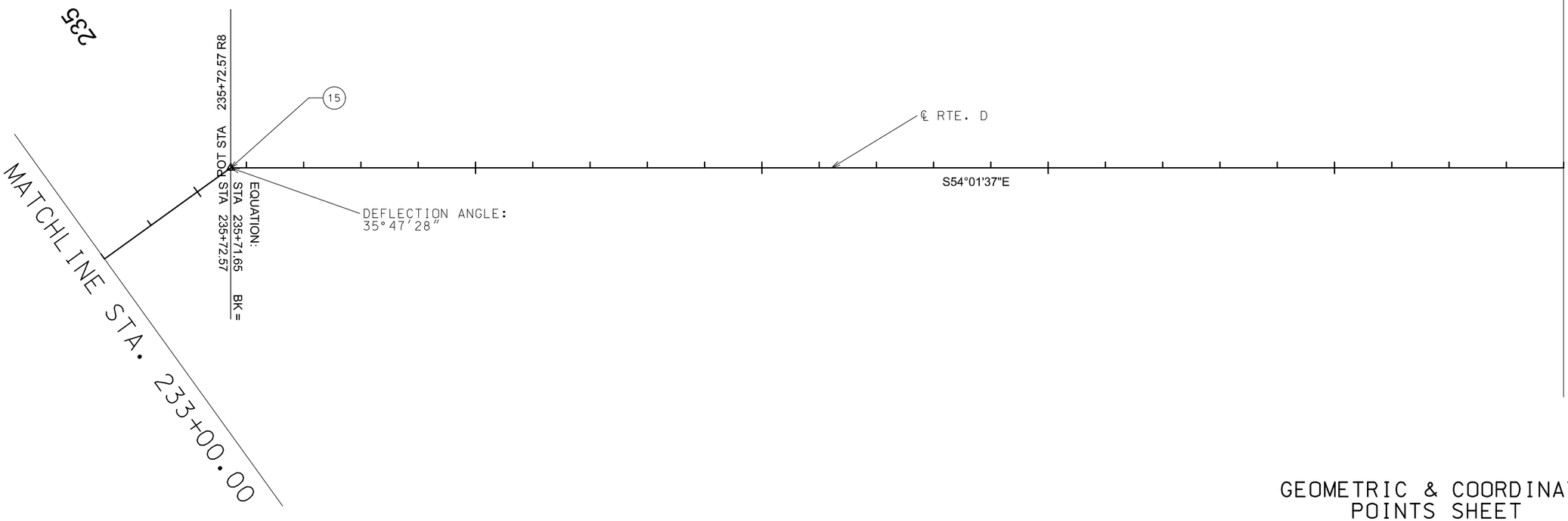
COORDINATE POINTS

LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
ROUTE D	CL	1037875.5341	869178.8321	POT STA. 235+72.57 R8 ROUTE D	15

DISCLAIMER

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GEOMETRIC & COORDINATE POINTS SHEET
SHEET 4 OF 5

036_CP_004_J6S3215_i100.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE MUST BE SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
20-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

COORDINATE POINTS

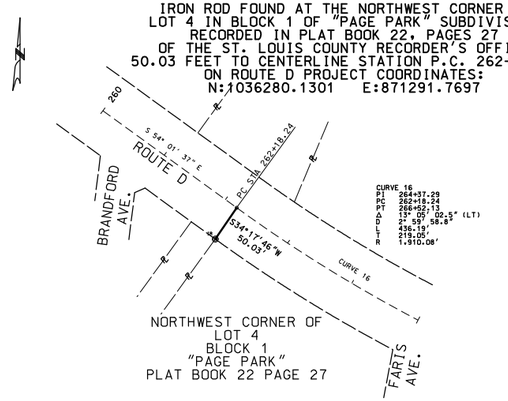
LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
ROUTE D	CL	1036321.4568	871319.9566	PC STA. 262+18.24 R8 ROUTE D	16
ROUTE D	12.52' RT	1036192.7888	871497.2286	PI STA. 264+36.33 R8 ROUTE D	17
ROUTE D	1910.08' LT	1037867.2728	872441.9453	CENTER PF CURVE	18
ROUTE D	CL	1036107.5919	871699.0262	PT STA. 266+52.13 R9 ROUTE D	19
ROUTE D	CL	1035576.9092	872956.0033	POE STA. 280+16.54 R9 ROUTE D	20

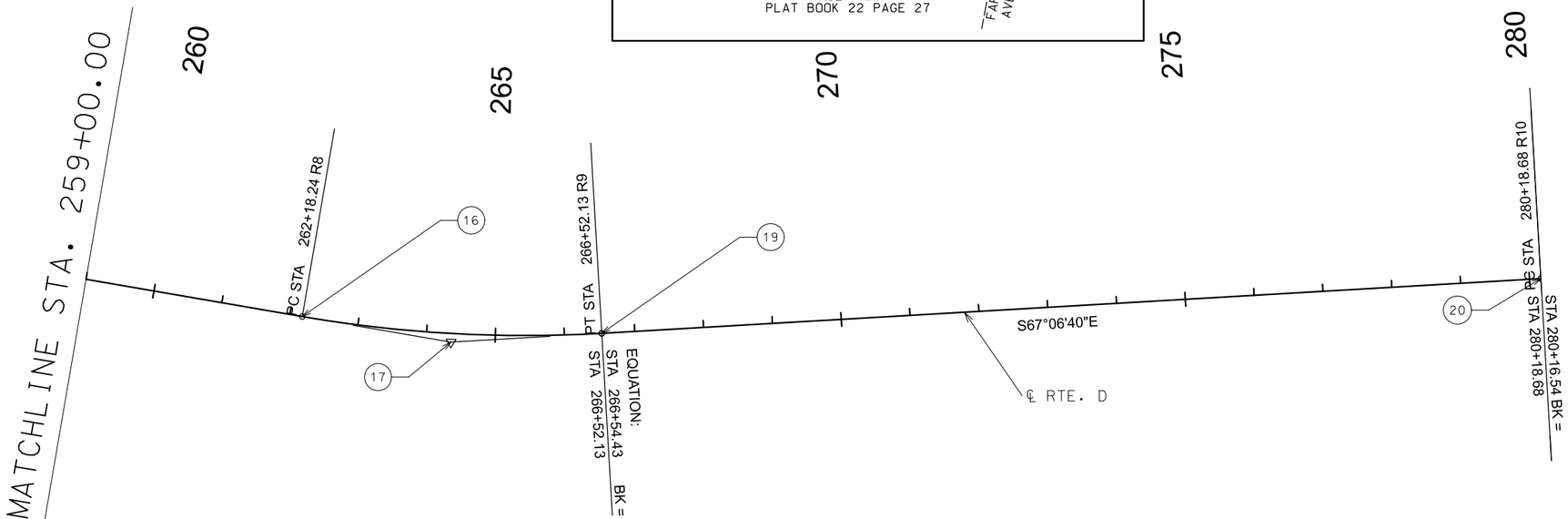
SCALE

0 100 200 300 400 500

LAND TIE #5

IRON ROD FOUND AT THE NORTHWEST CORNER OF LOT 4 IN BLOCK 1 OF "PAGE PARK" SUBDIVISION RECORDED IN PLAT BOOK 22, PAGES 27 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE 50.03 FEET TO CENTERLINE STATION P.C. 262+18.24 ON ROUTE D PROJECT COORDINATES:
N:1036280.1301 E:871291.7697





CURVE EXBL_16	
PI	264+37.29
PC	262+18.24
PT	266+52.13
Δ	13°5'2.5" (LT)
D	2°59'58.8"
L	436.19'
T	219.05'
R	1,910.08'

GEOMETRIC & COORDINATE POINTS SHEET
SHEET 5 OF 5

DISCLAIMER
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND AUTHENTICATION APPEARS ON ALL ORIGINAL SHEETS AND DATED ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
20-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	37

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

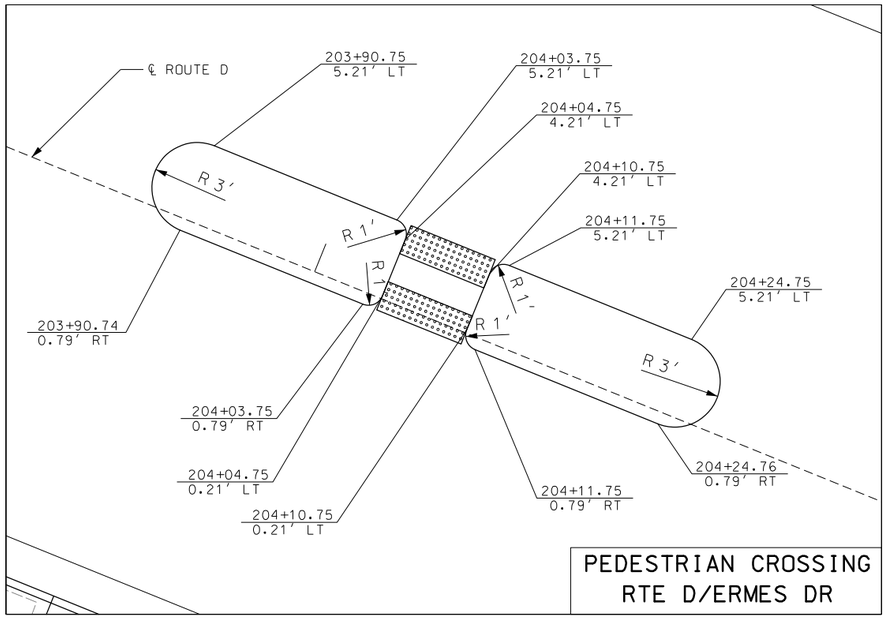
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

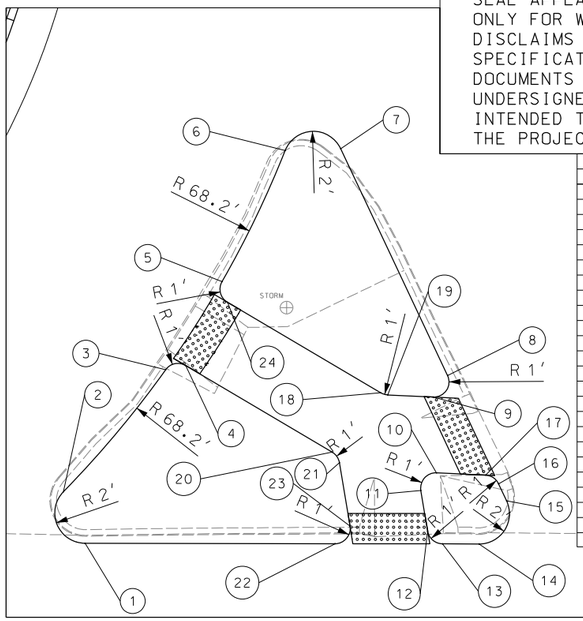
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

037_CP_005_J6S3215_i100.dgn

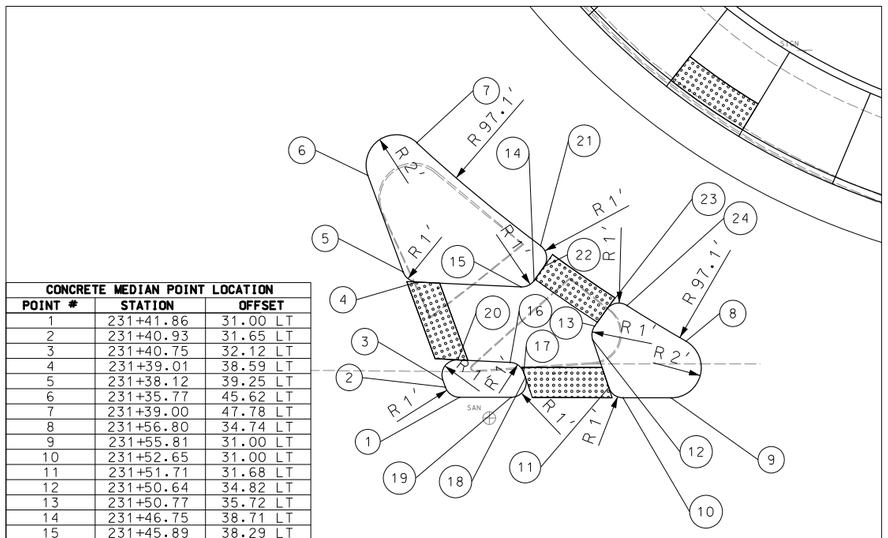


PEDESTRIAN CROSSING
RTE D/ERMES DR



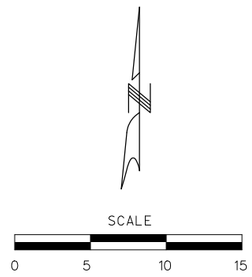
CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	230+39.53	32.26 LT
2	230+38.09	35.65 LT
3	230+44.81	43.72 LT
4	230+46.14	44.01 LT
5	230+48.52	49.55 LT
6	230+52.66	58.23 LT
7	230+56.33	58.35 LT
8	230+63.43	43.41 LT
9	230+62.48	41.98 LT
10	230+62.72	36.98 LT
11	230+61.69	35.81 LT
12	230+62.14	33.12 LT
13	230+63.13	32.29 LT
14	230+65.54	32.29 LT
15	230+67.35	35.15 LT
16	230+66.82	36.27 LT
17	230+65.96	36.84 LT
18	230+59.02	42.25 LT
19	230+59.48	42.11 LT
20	230+55.83	38.32 LT
21	230+56.31	37.63 LT
22	230+56.03	32.28 LT
23	230+57.02	33.45 LT
24	230+48.88	48.19 LT

NW QUADRANT
RTE D/MIDLAND BLVD



CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	231+41.86	31.00 LT
2	231+40.93	31.65 LT
3	231+40.75	32.12 LT
4	231+39.01	38.59 LT
5	231+38.12	39.25 LT
6	231+35.77	45.62 LT
7	231+39.00	47.78 LT
8	231+56.80	34.74 LT
9	231+55.81	31.00 LT
10	231+52.65	31.00 LT
11	231+51.71	31.68 LT
12	231+50.64	34.82 LT
13	231+50.77	35.72 LT
14	231+46.75	38.71 LT
15	231+45.89	38.29 LT
16	231+45.19	33.31 LT
17	231+46.10	32.64 LT
18	231+46.20	32.32 LT
19	231+45.26	31.00 LT
20	231+41.73	33.47 LT
21	231+47.18	41.01 LT
22	231+47.40	39.63 LT
23	231+51.54	36.82 LT
24	231+52.90	37.09 LT

NE QUADRANT
RTE D/MIDLAND BLVD



SPECIAL SHEETS
SHEET 1 OF 11
ROUTE D

DISCLAIMER

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

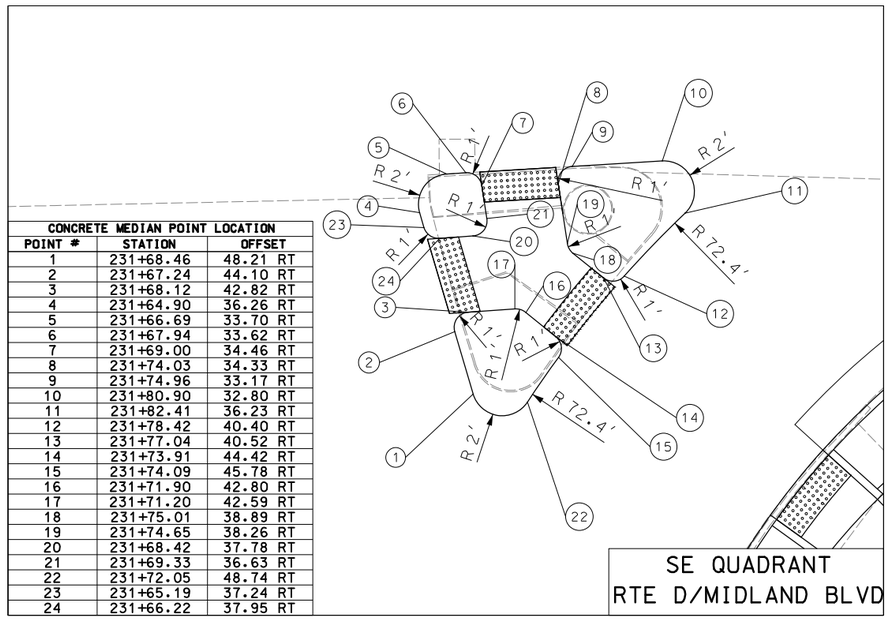
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

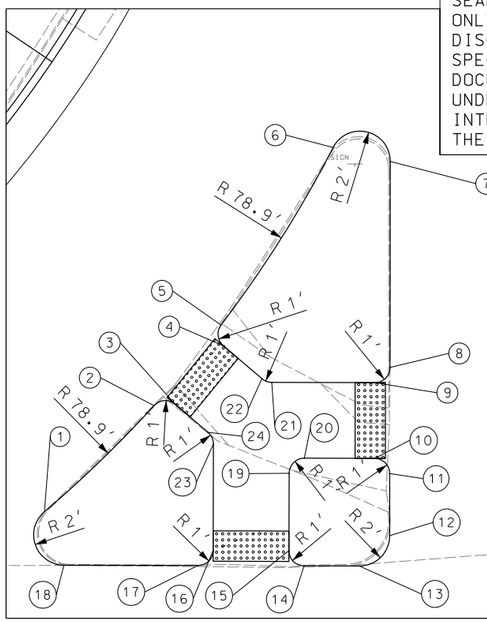
038_SS_001_J6S3215_i5.dgn

DISCLAIMER
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CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	231+68.46	48.21 RT
2	231+67.24	44.10 RT
3	231+68.12	42.82 RT
4	231+64.90	36.26 RT
5	231+66.69	33.70 RT
6	231+67.94	33.62 RT
7	231+69.00	34.46 RT
8	231+74.03	34.33 RT
9	231+74.96	33.17 RT
10	231+80.90	32.80 RT
11	231+82.41	36.23 RT
12	231+78.42	40.40 RT
13	231+77.04	40.52 RT
14	231+73.91	44.42 RT
15	231+74.09	45.78 RT
16	231+71.90	42.80 RT
17	231+71.20	42.59 RT
18	231+75.01	38.89 RT
19	231+74.65	38.26 RT
20	231+68.42	37.78 RT
21	231+69.33	36.63 RT
22	231+72.05	48.74 RT
23	231+65.19	37.24 RT
24	231+66.22	37.95 RT

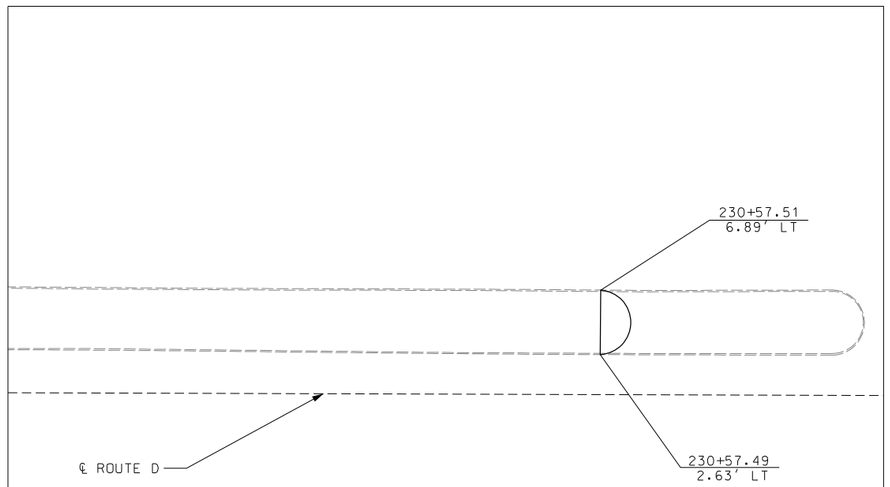
SE QUADRANT
RTE D/MIDLAND BLVD



CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	234+94.97	44.92 LT
2	235+02.19	51.95 LT
3	235+03.58	52.04 LT
4	235+06.75	55.91 LT
5	235+06.60	57.27 LT
6	235+13.95	69.02 LT
7	235+17.73	68.11 LT
8	235+17.75	54.51 LT
9	235+16.75	53.51 LT
10	235+16.76	48.51 LT
11	235+17.76	47.51 LT
12	235+17.77	43.41 LT
13	235+15.77	41.40 LT
14	235+12.12	41.40 LT
15	235+11.12	42.40 LT
16	235+06.12	42.40 LT
17	235+05.12	41.40 LT
18	234+96.27	41.40 LT
19	235+11.12	47.51 LT
20	235+12.12	48.51 LT
21	235+09.95	53.51 LT
22	235+09.30	53.74 LT
23	235+06.12	49.42 LT
24	235+05.77	50.19 LT

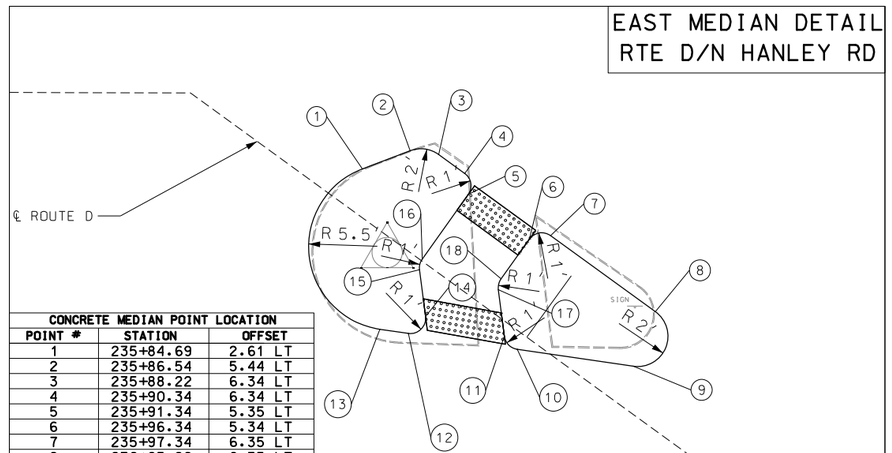
NW QUADRANT
RTE D/N HANLEY RD

SCALE
0 5 10 15



CENTERLINE MEDIAN DETAIL
RTE D/WEST OF MIDLAND BLVD

EAST MEDIAN DETAIL
RTE D/N HANLEY RD



CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	235+84.69	2.61 LT
2	235+86.54	5.44 LT
3	235+88.22	6.34 LT
4	235+90.34	6.34 LT
5	235+91.34	5.35 LT
6	235+96.34	5.34 LT
7	235+97.34	6.35 LT
8	236+05.89	6.35 LT
9	236+06.82	2.58 LT
10	235+99.96	1.02 RT
11	235+98.77	0.82 RT
12	235+93.52	4.39 RT
13	235+91.85	5.27 RT
14	235+93.79	2.82 RT
15	235+91.65	0.56 RT
16	235+91.38	0.12 LT
17	235+96.64	1.44 LT
18	235+96.37	2.12 LT

SPECIAL SHEETS
SHEET 2 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

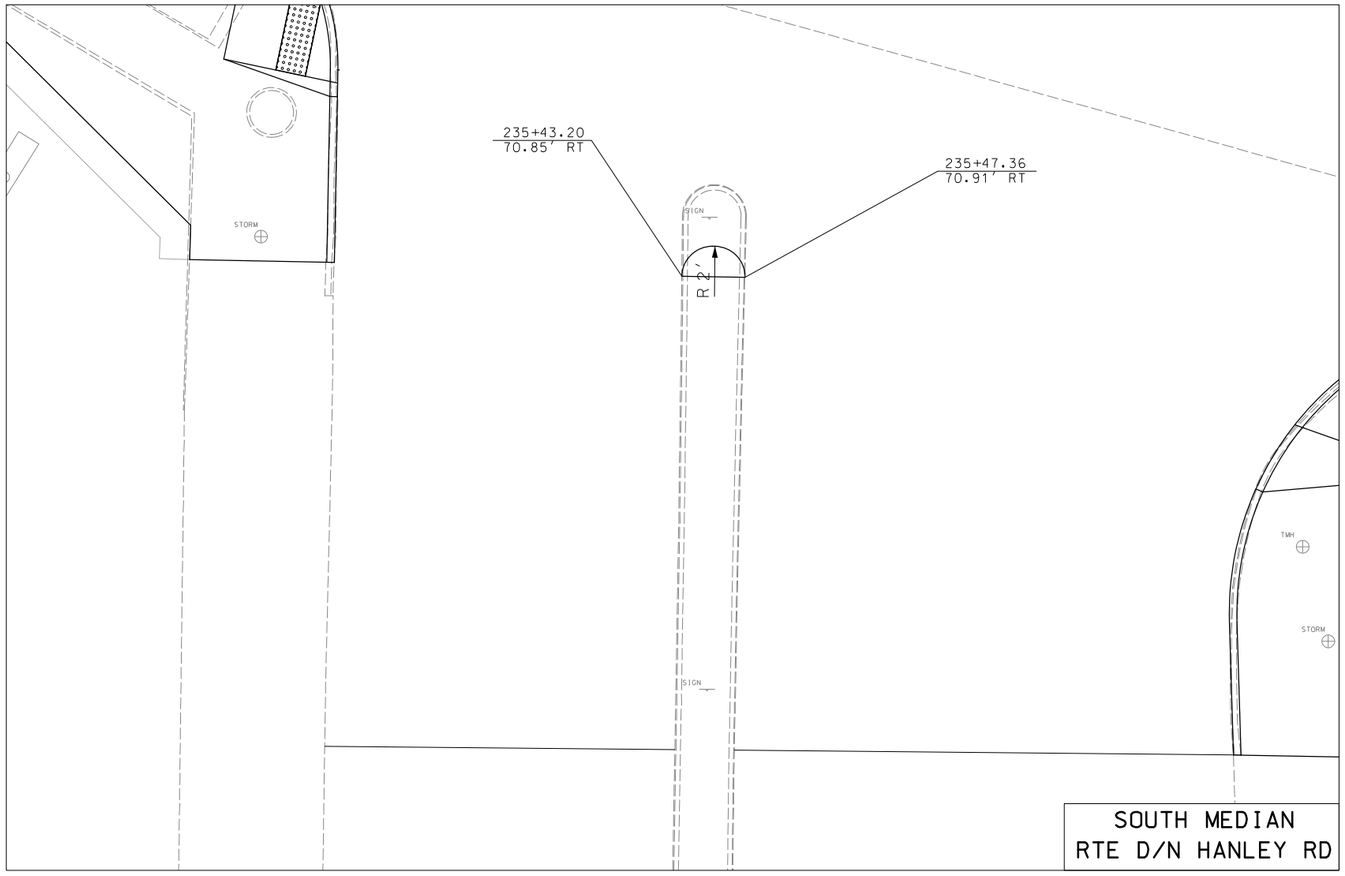
039_SS_002_J6S3215_i5.dgn

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SCALE

0 5 10 15



SOUTH MEDIAN
RTE D/N HANLEY RD

SPECIAL SHEETS
SHEET 3 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET WERE DIGITALLY SEALED AND DATED.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	40

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

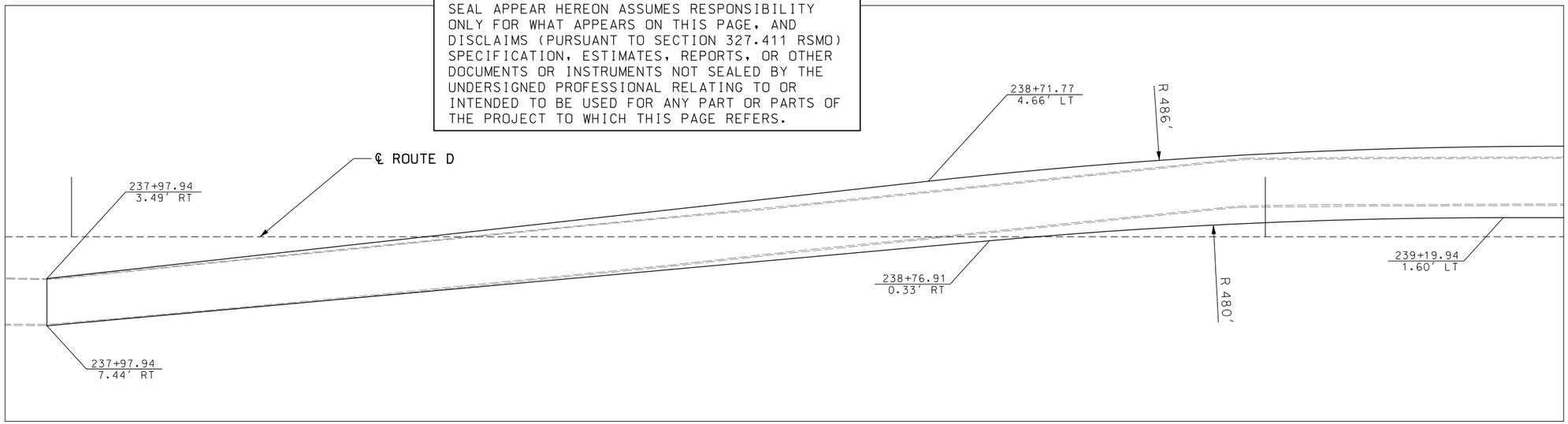
MoDOT J6S3215 - ROUTE D PROJECT

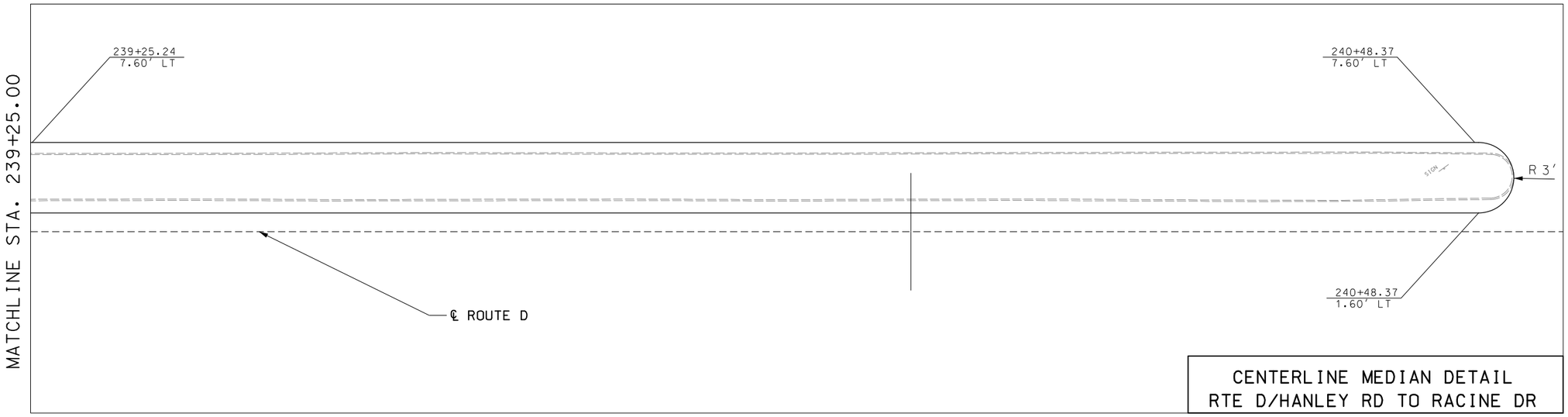
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

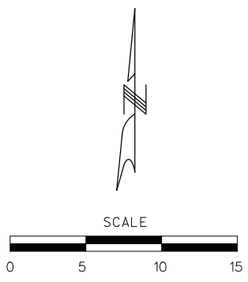
040_SS_003_J6S3215_i5.dgn

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CENTERLINE MEDIAN DETAIL
RTE D/HANLEY RD TO RACINE DR



SPECIAL SHEETS
SHEET 4 OF 11
ROUTE D

041_SS_004_J6S3215_i5.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN DIGITALLY SIGNED AND DATED IN BLACK INK.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	41

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

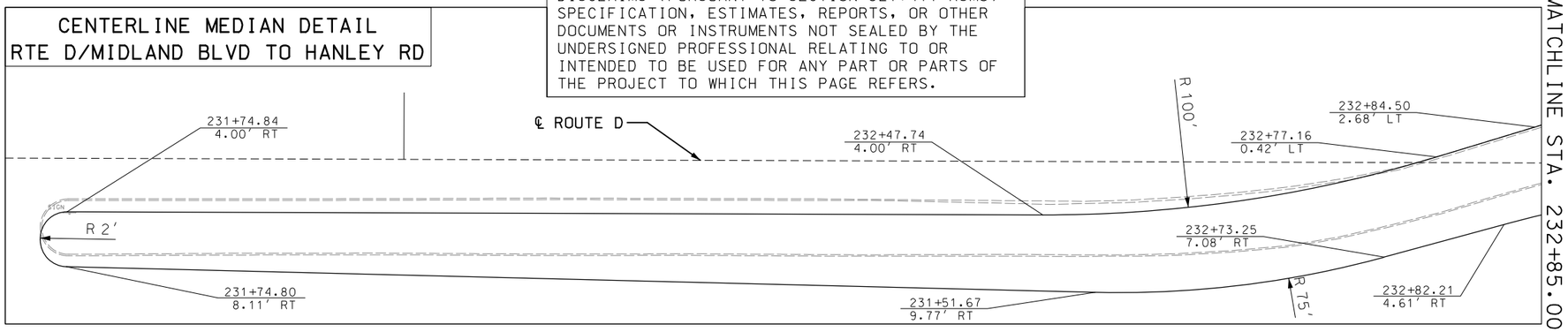
MoDOT J6S3215 - ROUTE D PROJECT

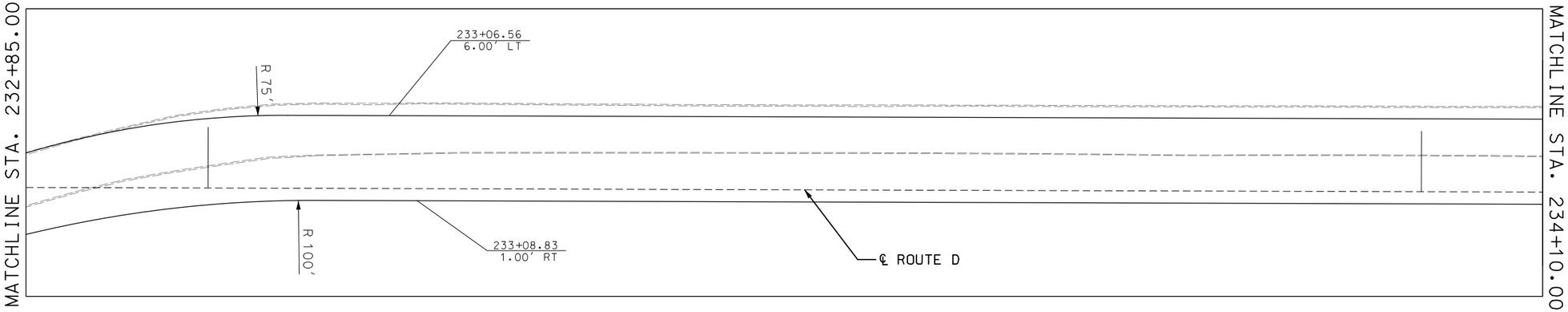
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

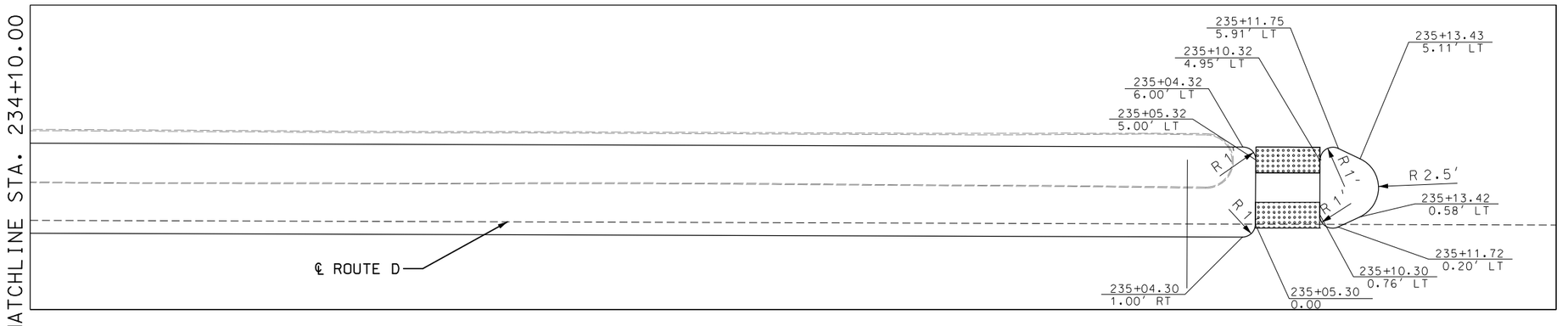
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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CENTERLINE MEDIAN DETAIL
RTE D/MIDLAND BLVD TO HANLEY RD







SCALE
0 5 10 15

SPECIAL SHEETS
SHEET 5 OF 11
ROUTE D

042_SS_005_J6S3215_i5.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ELECTRONICALLY SEALED AND DATED

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	42

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

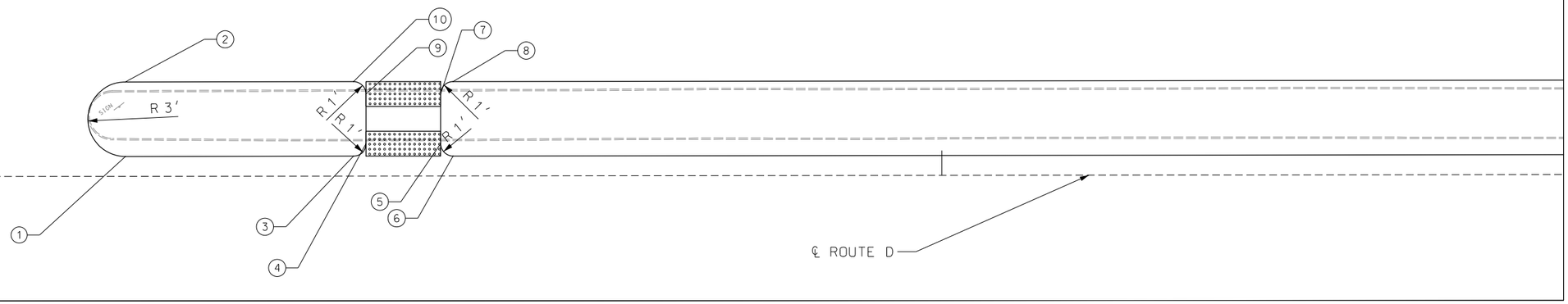
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

CENTERLINE MEDIAN DETAIL
RTE D/RACINE DR TO DUSKY DR

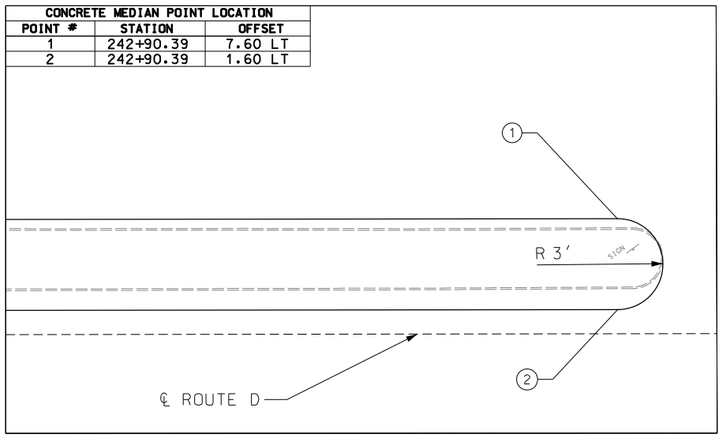
CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	241+34.31	1.60 LT
2	241+34.31	7.60 LT
3	241+52.68	1.60 LT
4	241+53.68	2.60 LT
5	241+59.68	2.60 LT
6	241+60.68	1.60 LT
7	241+59.68	6.60 LT
8	241+60.68	7.60 LT
9	241+53.68	6.60 LT
10	241+52.68	7.60 LT

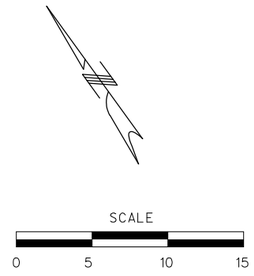


MATCHLINE STA. 242+50.00

MATCHLINE STA. 242+50.00

CONCRETE MEDIAN POINT LOCATION		
POINT #	STATION	OFFSET
1	242+90.39	7.60 LT
2	242+90.39	1.60 LT





SPECIAL SHEETS
SHEET 6 OF 11
ROUTE D

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	43

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

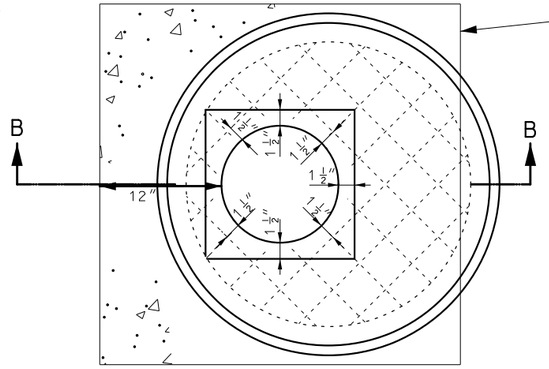
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

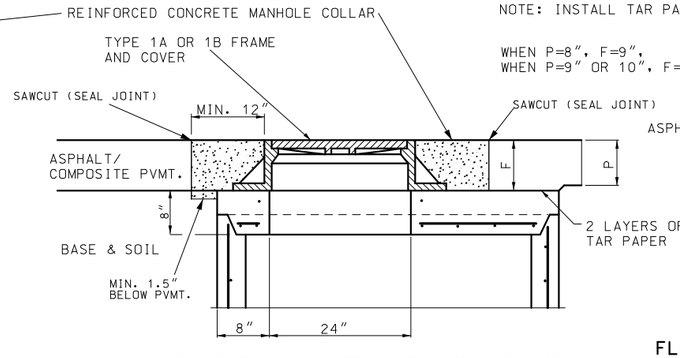
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

043_SS_006_J6S3215_i5.dgn



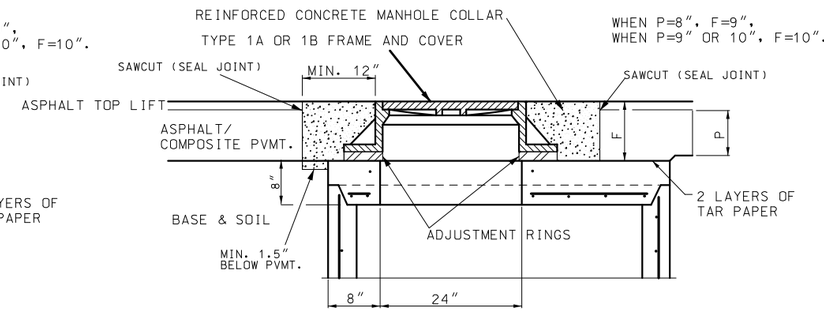
PLAN OF FLAT SLAB
MANHOLE TOP



FLAT SLAB MANHOLE TOP (PAVED AREA)

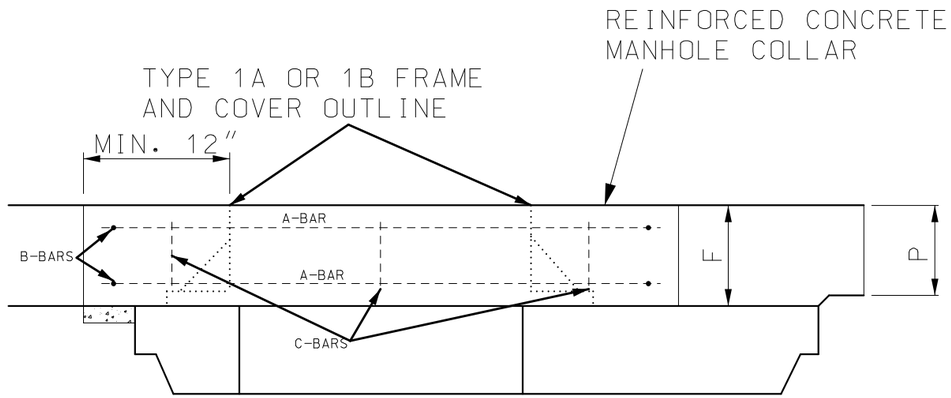
SECTION B-B

NOTE: INSTALL TAR PAPER BETWEEN FRAME & COVER AND THE NEW CONCRETE MANHOLE COLLAR AS DIRECTED BY THE ENGINEER.



FLAT SLAB MANHOLE TOP (PAVED AREA) W/ ADJUSTMENT RINGS NEXT TO ASPHALT OVERLAY

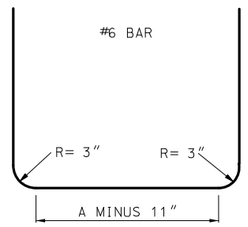
SECTION B-B



REINFORCED CONCRETE MANHOLE
COLLAR DETAIL SECTION

DISCLAIMER

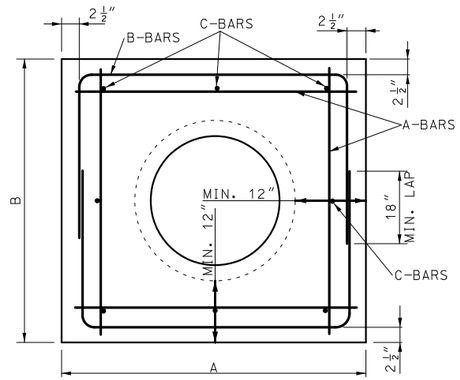
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED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



FOR MANHOLE COLLAR

BENDING DIAGRAM FOR B-BARS

NOTE: PROVIDE MIN. 4.75″ CLEARANCE BETWEEN REINFORCING & MANHOLE FRAME & COVER OR CIRCULAR PRECAST MANHOLE.

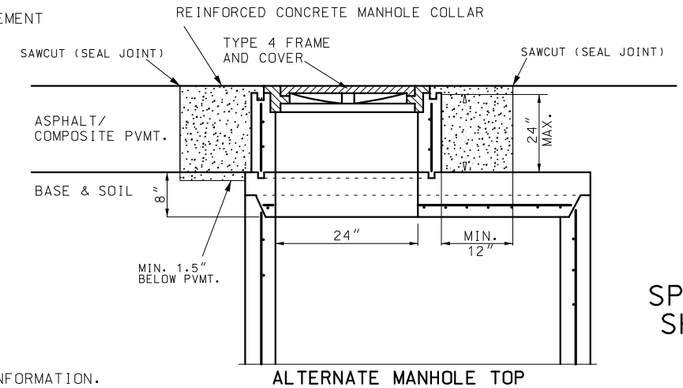


TOP VIEW OF MANHOLE COLLAR WITH REINFORCEMENT

NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE COLLAR CONCRETE. PROVIDE MIN. 1.5″ CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF COLLAR. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6″. BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5″ CLEARANCE TO EDGE OF COLLAR.

GENERAL NOTES:

1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.
2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.
3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER THAN OR EQUAL TO 9″.
4. PAYMENT FOR REINFORCED CONCRETE MANHOLE COLLAR SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 12″ WALL + MANHOLE (INCLUDING WALL THICKNESS) + 12″.
6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE COLLAR AFTER CONSTRUCTION. THE MIN. WIDTH SHALL BE 12″ BUT MAY VARY. THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE COLLAR.
7. CONCRETE USED FOR MANHOLE COLLAR SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.
8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW COLLAR AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.



ALTERNATE MANHOLE TOP

SECTION B-B

SPECIAL SHEETS
SHEET 7 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER
PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	44

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

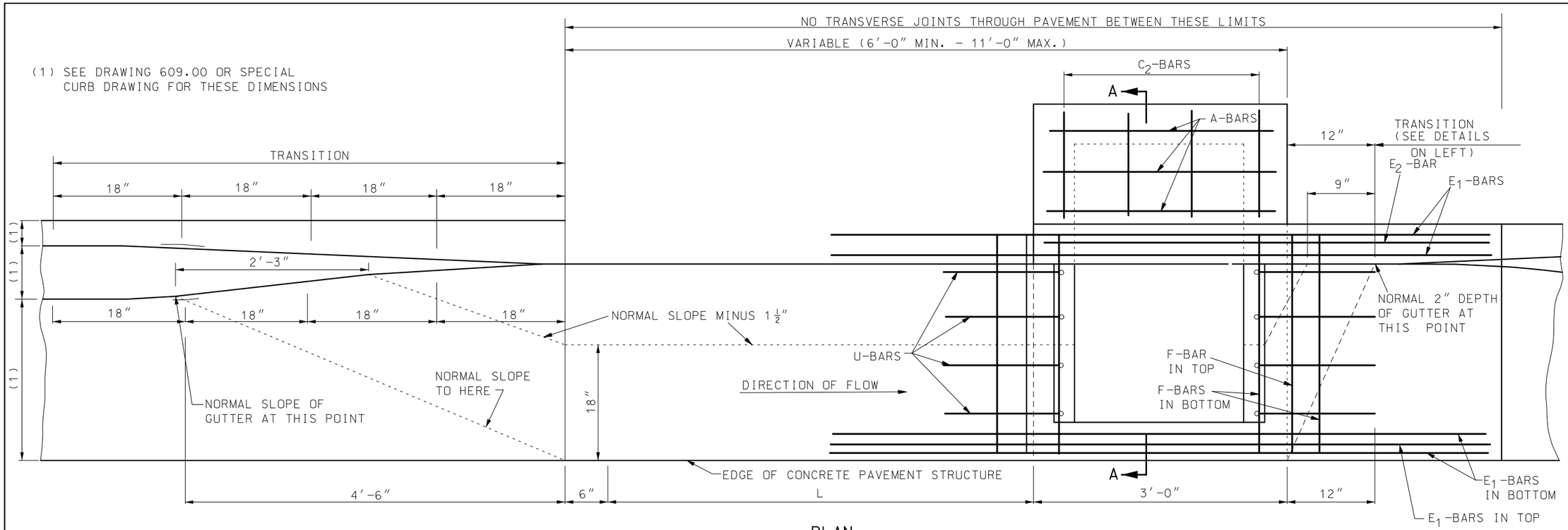
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

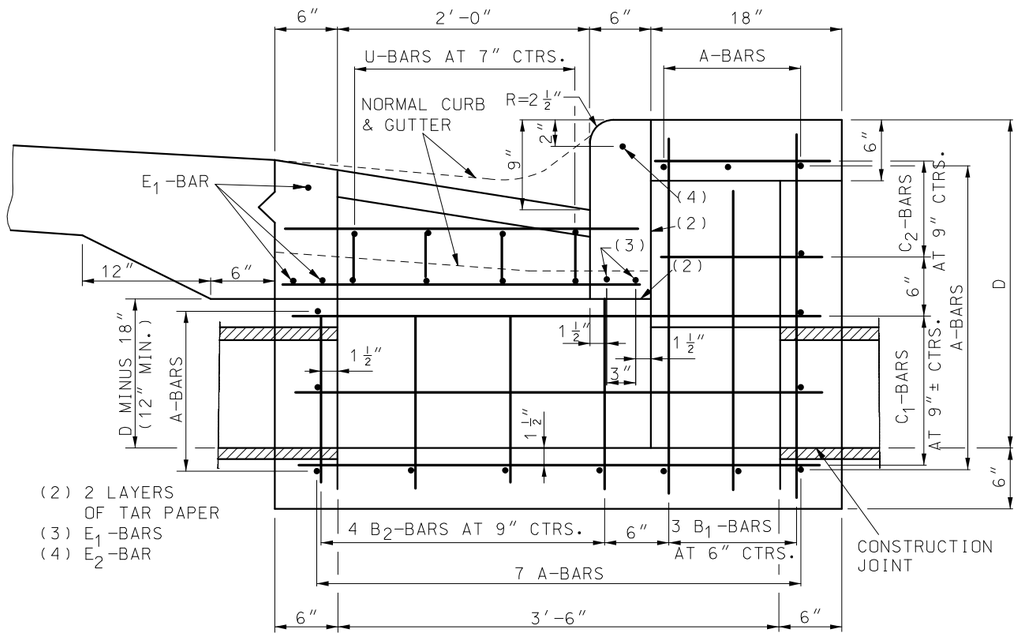
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

044_SS_007_J6S3215_i5.dgn

(1) SEE DRAWING 609.00 OR SPECIAL CURB DRAWING FOR THESE DIMENSIONS



PLAN



SECTION A–A
(INTAKE BOX)

GENERAL NOTES:

TOP OF DROP INLET WALLS SHALL BE LEVEL AND TO THE ELEVATION OF BOTTOM OF SLAB AT EDGE OF TRAVELED WAY OR BOTTOM OF CURB AND GUTTER AT DROP INLET.

ALL CONCRETE ABOVE THE TAR-PAPER SEPARATION JOINT IS TO BE CONSTRUCTED DURING PAVING OPERATIONS OR CURB AND GUTTER CONSTRUCTION; AND WILL BE PAID FOR AS SQUARE YARDS OF CONCRETE PAVEMENT OR LIEAR FEET OF CURB AND GUTTER.

ALL CONCRETE BELOW THE TAR-PAPER SEPARATION JOINTS SHALL BE CLASS "B" CONCRETE. CONCRETE IN INVERTS SHALL BE PLACED AFTER DROP INLET HAS BEEN CONSTRUCTED.

REINFORCING BARS SHALL BE CUT AND/OR BENT AT PIPE OPENINGS. ALL U AND F-BARS SHALL BE SECURELY TIED TOGETHER AND FASTENED TO SECURE AGAINST ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE. THE REINFORCING STEEL SHOWN ON THIS DRAWING IS IN ADDITION TO ANY REINFORCING SHOWN ON DRAWINGS FOR CONCRETE PAVEMENT OR CURB AND GUTTER.

NO DIRECT PAYMENT WILL BE MADE FOR CUTTING PIPE NOR FOR CUTTING AND BENDING REINFORCING BARS.

SEE STANDARD DETAIL 604.29 FOR GENERAL NOTES, BENDING DIAGRAMS, AND FRAME SECTION.

MODIFIED TYPE X DROP INLET

SPECIAL SHEET
SHEET 8 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	45

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

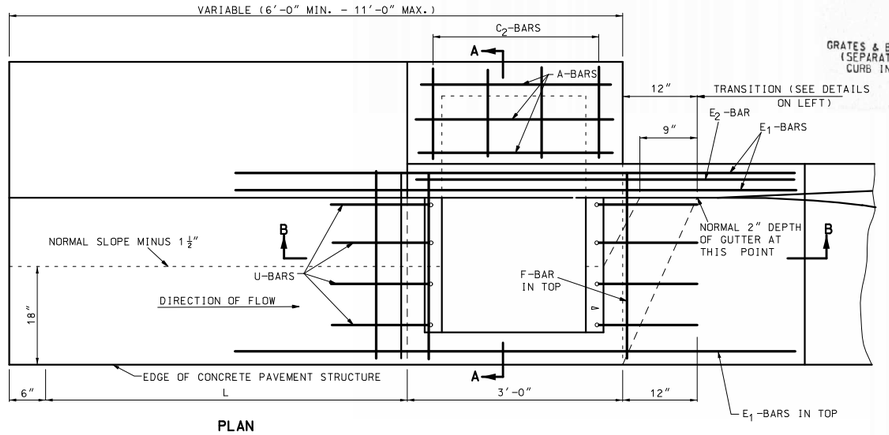
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 – ROUTE D PROJECT

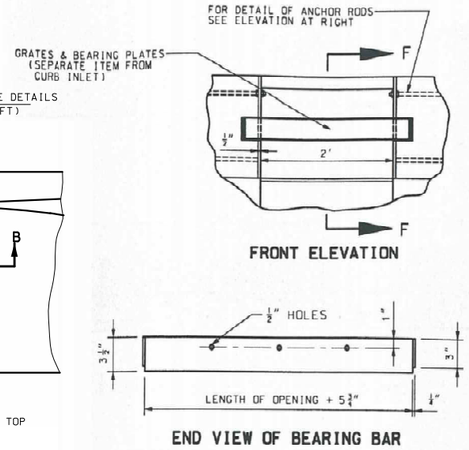
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

045_SS_008_J6S3215_i1.dgn

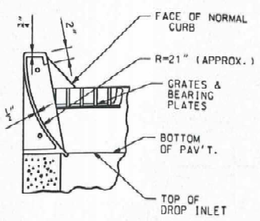


PLAN

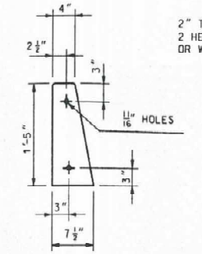


FRONT ELEVATION

END VIEW OF BEARING BAR

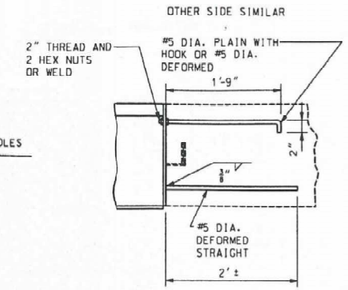


SECTION F-F



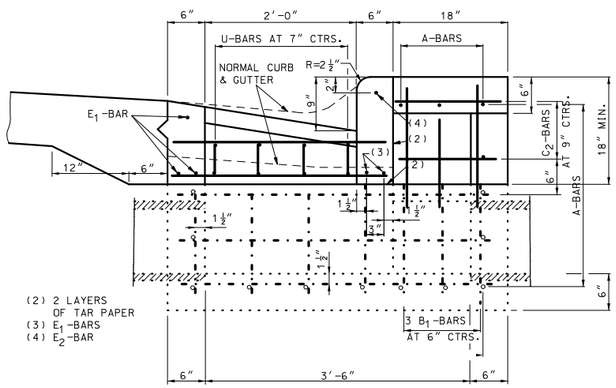
END ELEVATION

CURB INLET



SHOWING ANCHOR RODS HALF ELEVATION

NOTE: A-BARS TO BE OFFSET AS NECESSARY TO AVOID EXIST. REINFORCEMENT IN LOWER SECTION.



SECTION A-A
(INTAKE BOX)

GENERAL NOTES:

1. THE CONFIGURATION DETAILS SHOWN ARE DESCRIPTIVE ONLY AND MAY BE VARIED TO CONFORM WITH ESTABLISHED MANUFACTURING PROCEDURES.

2. TOP OF DROP INLET WALLS SHALL BE CONSTRUCTED TO THE ELEVATION OF BOTTOM OF PAVEMENT AT THE EDGE OF PAVEMENT OR BOTTOM OF CURB AND GUTTER AT DROP INLET.

3. ALL CONCRETE ABOVE THE TAR PAPER SEPARATION JOINT IS TO BE CONSTRUCTED PRIOR TO PAVING OPERATIONS.

4. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.

5. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING, OR BENDING REINFORCING STEEL.

6. NO DIRECT PAYMENT WILL BE MADE FOR SAWCUTTING EXISTING PAVEMENT AROUND INLET AND REMOVING DAMAGED CONCRETE.

7. NO DIRECT PAYMENT WILL BE MADE FOR FORMING OR PROVIDING NEW GRATE AND BEARING PLATE.

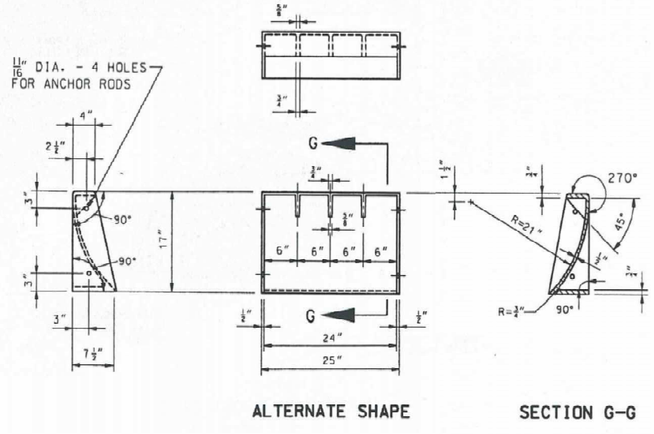
8. THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.

9. MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1-1/2″ UNLESS OTHERWISE SPECIFIED.

10. ALL CAST-IN-PLACE CONCRETE SHALL MEET THE SPECIFICATIONS OF MODOT CLASS B-1 CONCRETE.

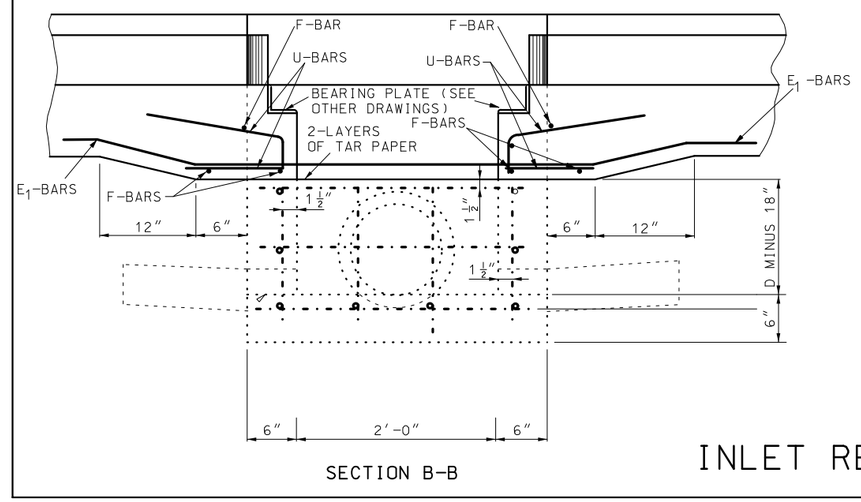
11. ALL WORK INCLUDING REMOVALS AND NEW STEEL, CONCRETE, REINFORCING BARS, TAR PAPER, AND BACKFILL NECESSARY TO COMPLETE THE CONSTRUCTION OF REPLACING THE INLET TOP AND ADJUSTING TO GRADE IF NECESSARY SHALL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR SPECIAL INLET (EACH).

12. ALL INLETS SHALL INSTALL CURVED VANE GRATES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

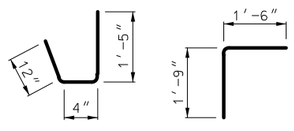


ALTERNATE SHAPE

SECTION G-G



SECTION B-B



U-BARS G-BARS

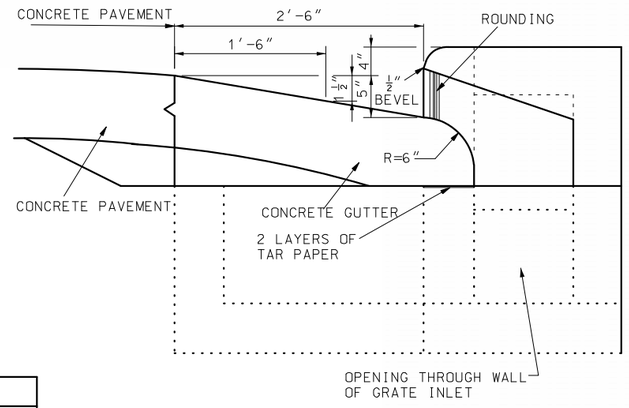
BENDING DIAGRAMS

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.

BAR BILL - INTAKE BOX

A-BARS		B_1-BARS		C_2-BARS		E_1-BARS		E_2-BARS		F-BARS		U-BARS	
TRANSVERSE IN BOTTOM WALLS & TOP		VERTICAL IN WALLS		LONGITUDINAL IN SIDE AND TOP		LONGITUDINAL IN GUTTER		LONGITUDINAL IN GUTTER		TRANSVERSE IN GUTTER		IN GUTTER	
NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
15	2′-9″	8	2′-9″	6	1′-3″	5	7′-0″	1	4′-9″	6	2′-9″	8	2′-9″

ALL BARS #4



SECTION SHOWING DETAILS OF OPENING AND DEPRESSION IN PAVEMENT OR GUTTER

SPECIAL SHEET
SHEET 9 OF 11
ROUTE D

INLET REPLACEMENT FOR STRUCTURE TOP AND HOOD

046_SS_009_J6S3215_i5.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARS ON THE ELECTRONICALLY SEALED AND DATED SHEET

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	46

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

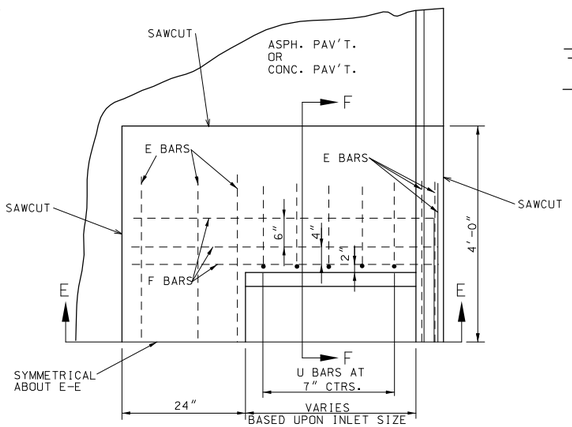
REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

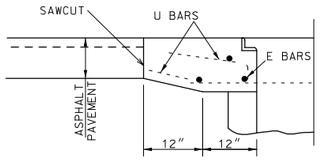
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



HALF-PLAN



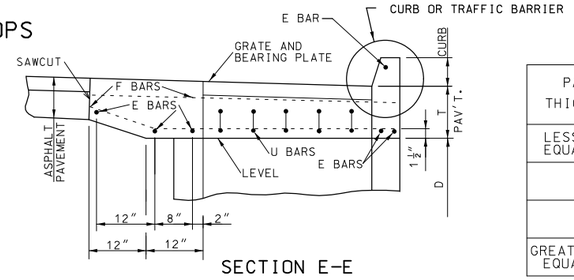
HALF SECTION F-F

PAVEMENT BAR BILL					
TYPE	LENGTH	WIDTH	MARK	NO.	LENGTH
A	2'	2'	E	6	6'-0"
			F	6	4'-6"
			U	8	2'-9"
	3'	2'	E	6	6'-0"
			F	6	5'-6"
			U	10	2'-9"
	4'	2'	E	6	6'-0"
			F	6	6'-6"
			U	14	2'-9"

BARS E, F, & U #4

REPLACING INLET TOPS

NOT TO SCALE



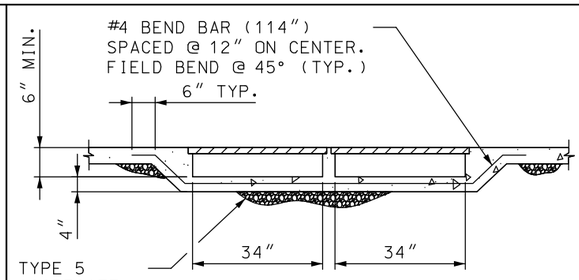
SECTION E-E

PAV'T THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

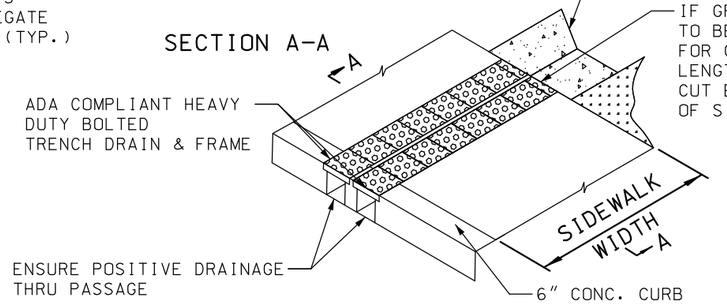
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3. ALL CONCRETE ABOVE THE TAR PAPER SEPARATION JOINT IS TO BE CONSTRUCTED PRIOR TO PAVING OPERATIONS.
4. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE,
5. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING, OR BENDING REINFORCING STEEL.
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12. SEE STANDARD PLAN 731.10 FOR ADDITIONAL INLET DETAILS.

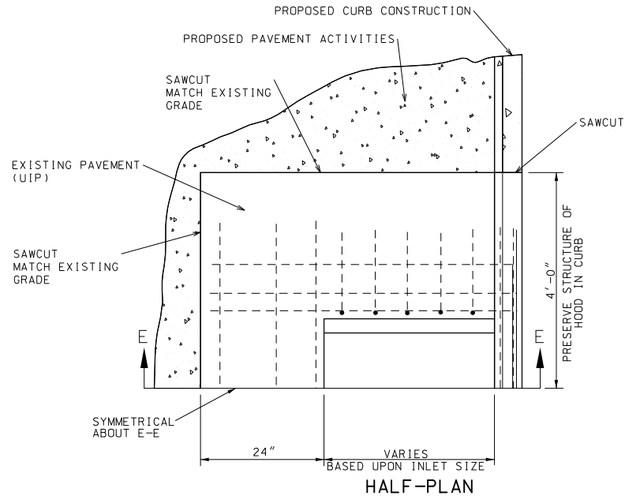
INLET REPLACEMENT FOR STRUCTURE TOP



SECTION A-A



TYPICAL THUR CURB / SIDEWALK DRAIN SECTION



HALF-PLAN

ROADWAY & CURB CONSTRUCTION ACTIVITIES OUTSIDE OF INLET TOP AND HOOD STRUCTURE

NOT TO SCALE

GENERAL NOTES:

1. NO DIRECT PAYMENT WILL BE MADE FOR SAWCUTTING EXISTING PAVEMENT AROUND INLET OR CURB.
2. SEE STANDARD PLAN 609.00 FOR ADDITIONAL CURB DETAILS.
3. SEE PLANS FOR INLET STRUCTURES ANTICIPATED FOR THIS TREATMENT.

INLET STRUCTURE PRESERVATION

SPECIAL SHEET
SHEET 10 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE ARE ELECTRONIC. SEALED AND DATED AT THE TIME OF PLOTTING.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	47

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

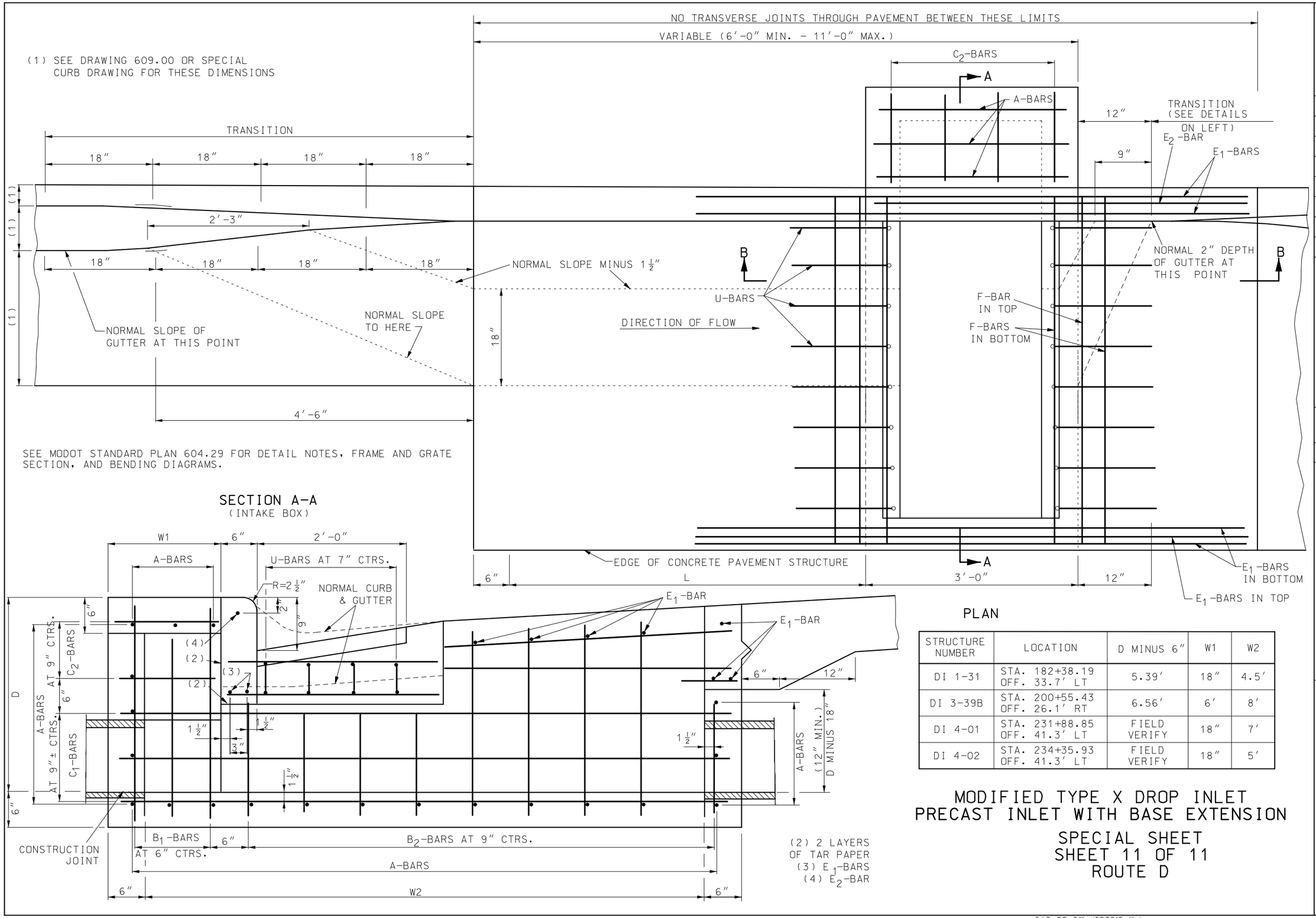
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

047_SS_010_J6S3215_i1.dgn

(1) SEE DRAWING 609.00 OR SPECIAL CURB DRAWING FOR THESE DIMENSIONS



SEE MODOT STANDARD PLAN 604.29 FOR DETAIL NOTES, FRAME AND GRATE SECTION, AND BENDING DIAGRAMS.

SECTION A–A
(INTAKE BOX)

(2) 2 LAYERS OF TAR PAPER
(3) E_1-BARS
(4) E_2-BAR

PLAN

STRUCTURE NUMBER	LOCATION	D MINUS 6″	W1	W2
DI 1-31	STA. 182+38.19 OFF. 33.7′ LT	5.39′	18″	4.5′
DI 3-39B	STA. 200+55.43 OFF. 26.1′ RT	6.56′	6′	8′
DI 4-01	STA. 231+88.85 OFF. 41.3′ LT	FIELD VERIFY	18″	7′
DI 4-02	STA. 234+35.93 OFF. 41.3′ LT	FIELD VERIFY	18″	5′

MODIFIED TYPE X DROP INLET PRECAST INLET WITH BASE EXTENSION

SPECIAL SHEET
SHEET 11 OF 11
ROUTE D

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 27-JUL-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 48
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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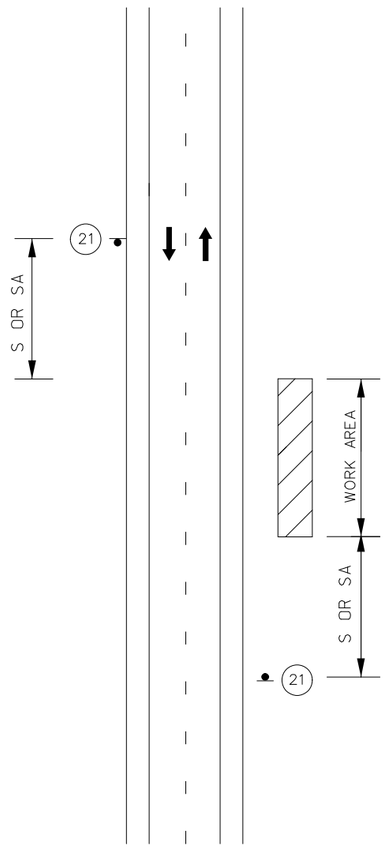
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 – ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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	SA-1000 SB-1500 SC-2640	–	–	–	–	–





SHOULDER WORK
WORK BEYOND THE SHOULDER
DIVIDED AND UNDIVIDED

NOTES:

ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.

ON MULTI-LANE, DIVIDED HIGHWAYS,SIGNS ADVISING OF THE SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING,OSCILLATING, OR STROBE LIGHTS.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

WORK AREA

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 1 OF 26

049_TC_001_(TA-01)Figure616.8.1_Work_Beyond_The_Shoulder_1001.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	49

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

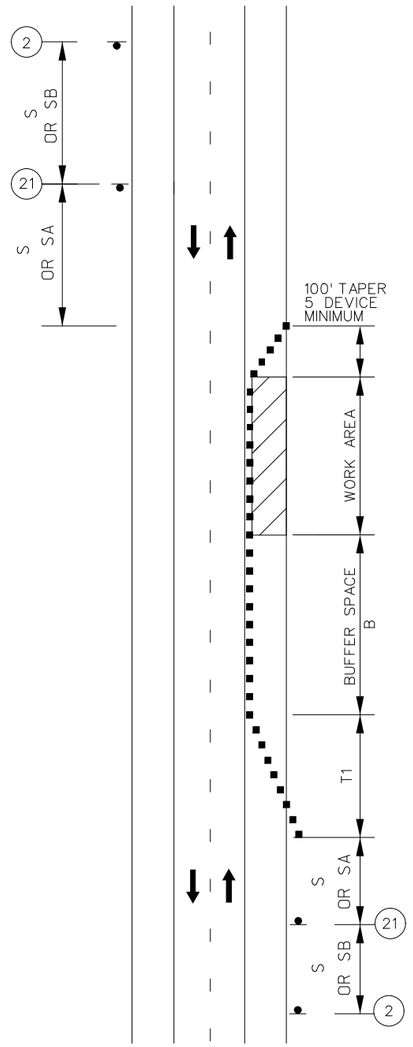
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.



WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS





NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

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

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

WHEN PAVED SHOULDERS HAVING A WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA

NOT TO SCALE

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 2 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	50

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

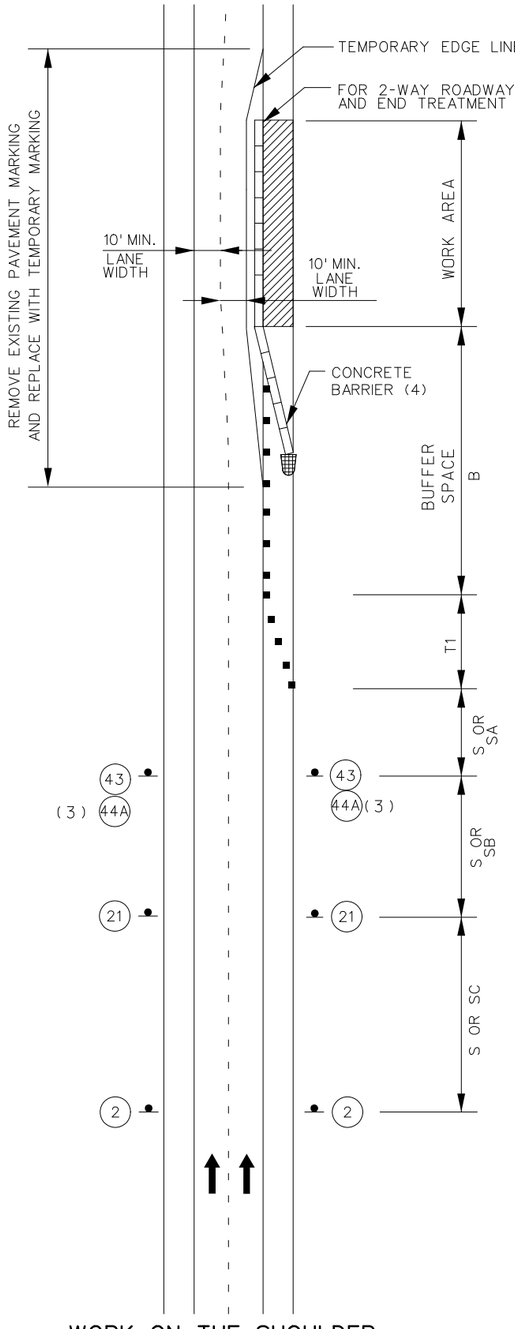
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ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

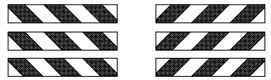
050_TC_002_(TA-03)Figure616.8.3_Work_On_The_Shoulder_1001.dgn



WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED HIGHWAYS
WITH REDUCED LANE WIDTHS

NOT TO SCALE

ADVANCE WARNING RAIL SYSTEM











NOTES:

(3) "NEXT XX MILES" NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE

(4) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

(4) FLARE BARRIER SHOULD EXTEND EITHER BEYOND THE CLEAR ZONE, OR TO THE EDGE LINE WITH THE USE OF AN APPROVED END TREATMENT.

(4) BARRIER HEIGHT TRANSITION MAY BE USED WHEN THE POSTED SPEED PRIOR TO ROAD WORK IS LESS THAN 40 MPH.

(4) APPROVED CRASH CUSHION ARE TO BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS GREATER THAN OR EQUAL TO 40 MPH.

"ROAD WORK AHEAD" SIGN IS NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER "ROAD WORK AHEAD" SIGN IS ALREADY IN USE.

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

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

ROAD NARROWS SIGN SHOULD BE USED WHEN THE LANE WIDTH ARE REDUCED.

ON UNDIVIDED HIGHWAYS, PROVIDE SIGNS ONLY ON THE RIGHT SIDE OF EACH APPROACH.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS OF EPG 616.6.85

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 3 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	51

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

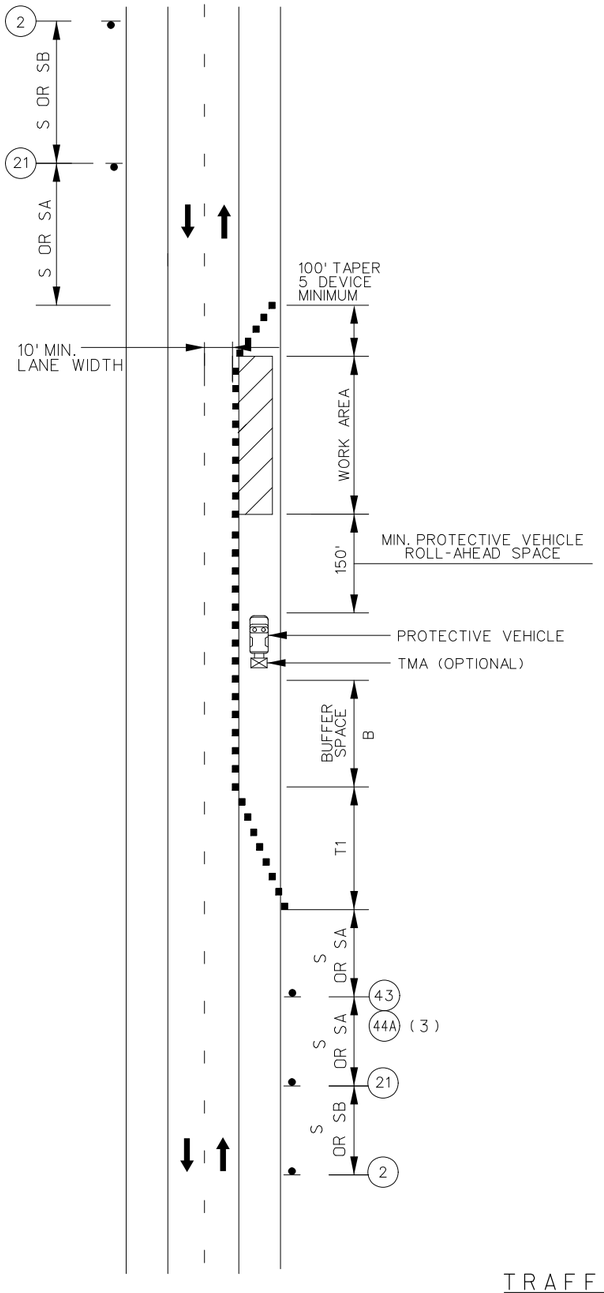
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

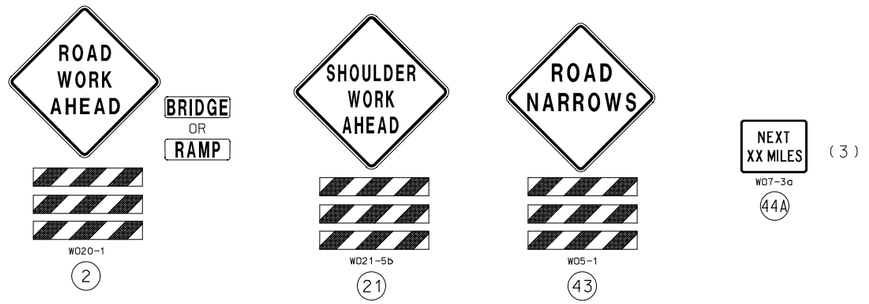
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

051_TC_003_(TA-05)Figure616.8.5_Shoulder_Work_With_Reduced_Lane_Widths_1001.dgn

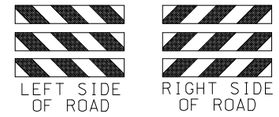


SHOULDER WORK WITH
MINOR TRAVELWAY ENCROACHMENT
DIVIDED AND UNDIVIDED

NOT TO SCALE



ADVANCE WARNING RAIL SYSTEM



NOTES:

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY IN USE.

SEE EPG 616:12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN ROAD WORK IS NOT IN PROGRESS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 4 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	52

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

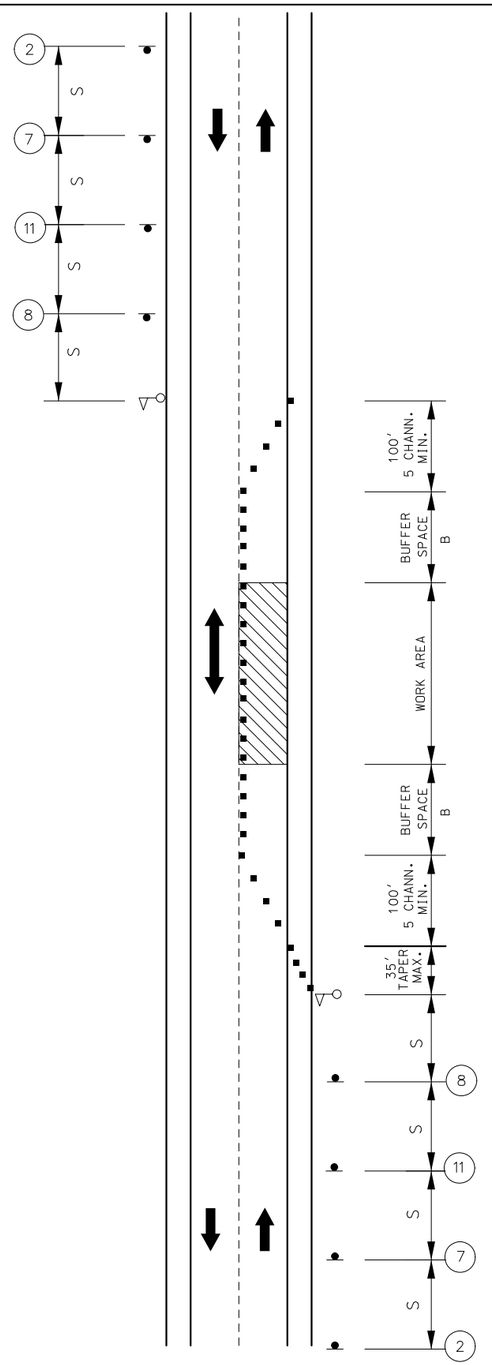
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

052_TC_004_(TA-06)Figure616.8.6_Shoulder_Work_With_Minor_Encroachment_1001.dgn



LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

NOT TO SCALE



W020-1

(2)



W020-4

(7)



W020-7a

(8)



W03-4

(11)

NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING: EPG 616.8.10A (TA-10A) LANE CLOSURE ON TWO-LANE HIGHWAYS USING AUTOMATED FLAGGER ASSISTANCE DEVICE WITH RED AND AMBER SIGNAL SYSTEM & EPG 616.8.10C (TA-10C) LANE CLOSURE ON TWO-LANE HIGHWAYS USING PORTABLE SIGNAL FLAGGING DEVICE.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	–	–	–	280	–	40
40-45	350	–	–	–	400	–	80
50-55	500	–	–	–	560	–	80
60-70	1000	–	–	–	840	–	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLAGGER

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 5 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED 8/31/2023

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	53

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

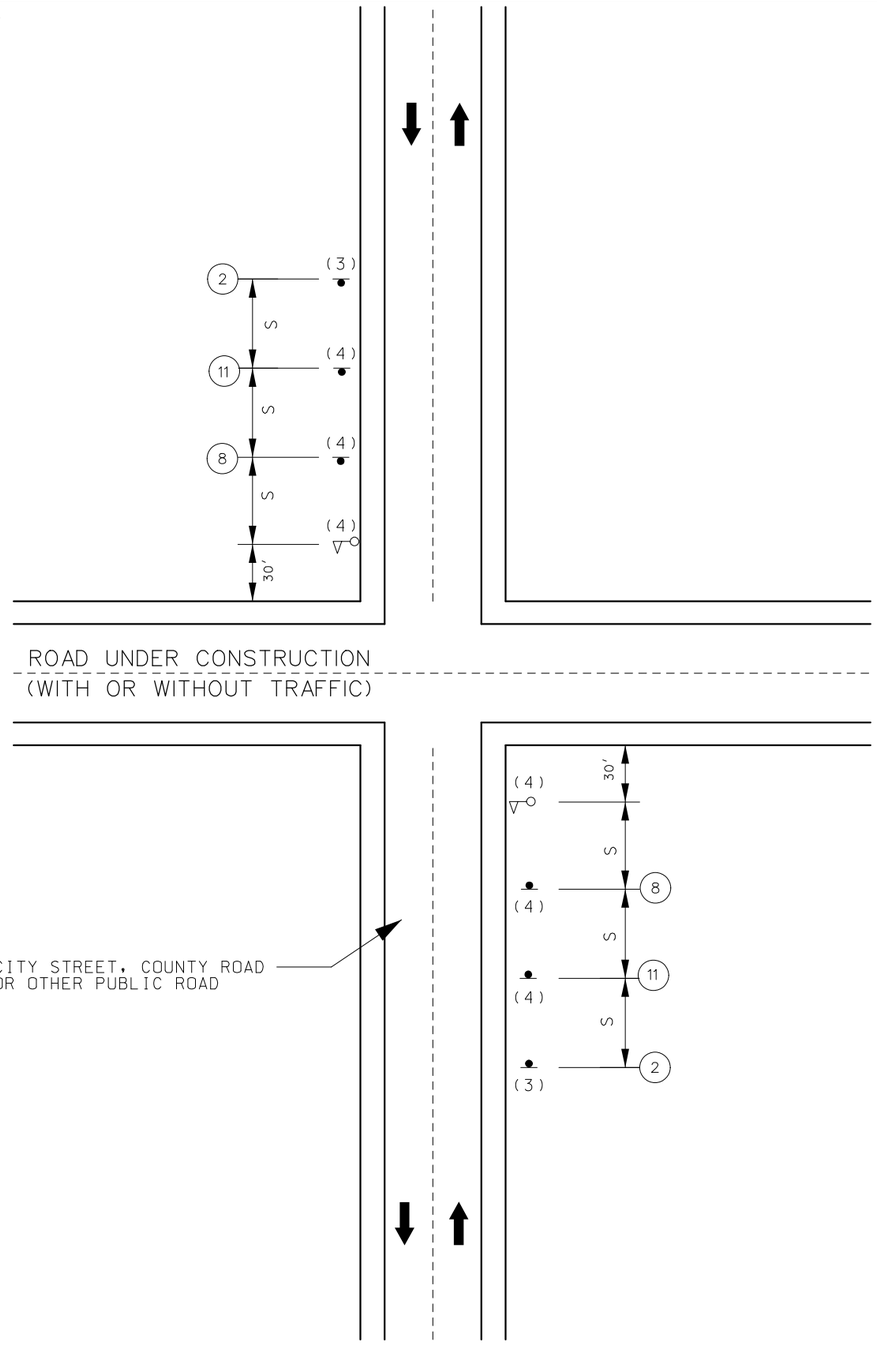
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

053_TC_005_(TA-10)Figure616.8.10_Flagger_Control_Stationary_1001.dgn



PUBLIC ROAD CROSSING ANOTHER
ROAD UNDER CONSTRUCTION

NOT TO SCALE



W020-1
(2)



W020-7a
(8)



W03-4
(11)

NOTES:

ADDITIONAL SIGNING MAY BE REQUIRED BASED ON WORK ZONE ACTIVITIES.

(3) ROAD WORK AHEAD SIGN REQUIRED FOR ALL PUBLIC ROAD APPROACHED TO THE WORK ZONE. IF NO FLAGGERS ARE REQUIRED, THEN THE ROAD WORK AHEAD SIGNS ARE LOCATED "S" FEET FROM THE INTERSECTION.

(4) FLAGGER AND SIGNING ONLY REQUIRED WHERE EQUIPMENT IS CROSSING THE ROAD OR OTHER CONDITIONS REQUIRING FLAGGER CONTROL EXIST.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

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

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

FLAGGER

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 6 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	54

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

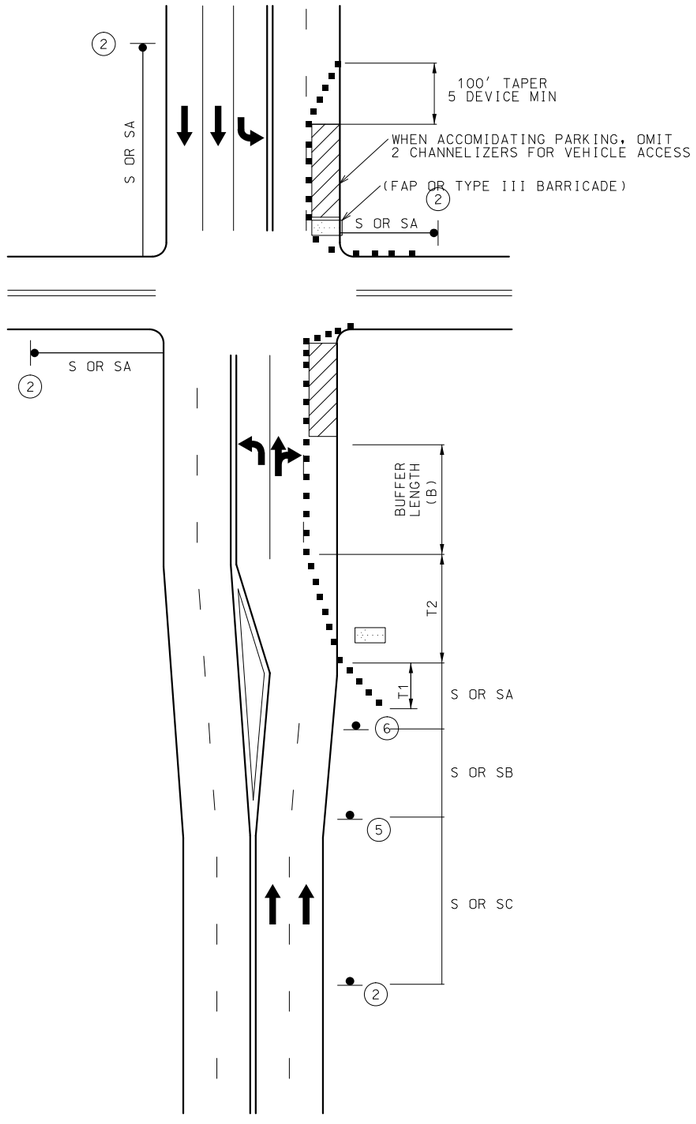
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

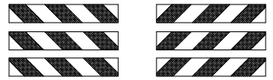
NOT TO SCALE







ADVANCE WARNING RAIL SYSTEM



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.22a (TA-22a) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA OR PARKING ZONE
- FLASHING ARROW PANEL

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 7 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	55

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

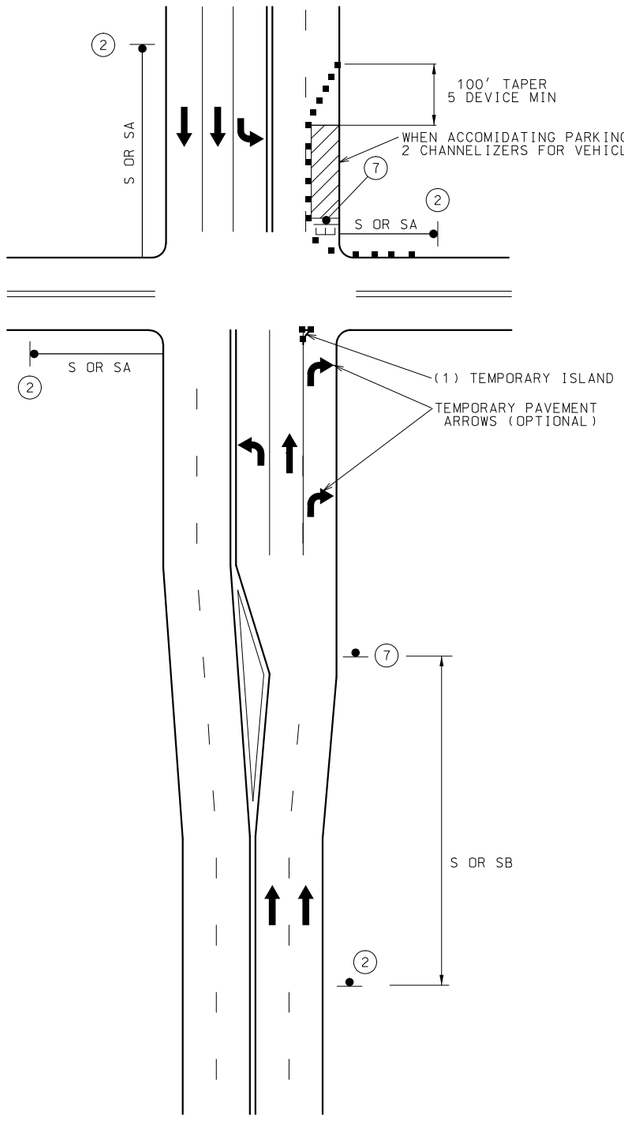
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

055_TC_007_(TA-22)Figure616.8.22_Lane_Closure_Right_Lane_of_Far_Side_of_Intersection.dgn



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE





NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TYPICAL APPLICATION 616.8.22a ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

REVIEW TYPICAL APPLICATION 616.8.22 (TA-22) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

(1) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. 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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA OR PARKING ZONE
- TYPE 3 MOVEABLE BARRICADE

NOT TO SCALE

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 8 OF 26

056_TC_008_(TA-22a)Figure616.8.22a_Right_Lane_Closure_At_Intersection_Work _On_Far_Side.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	56

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

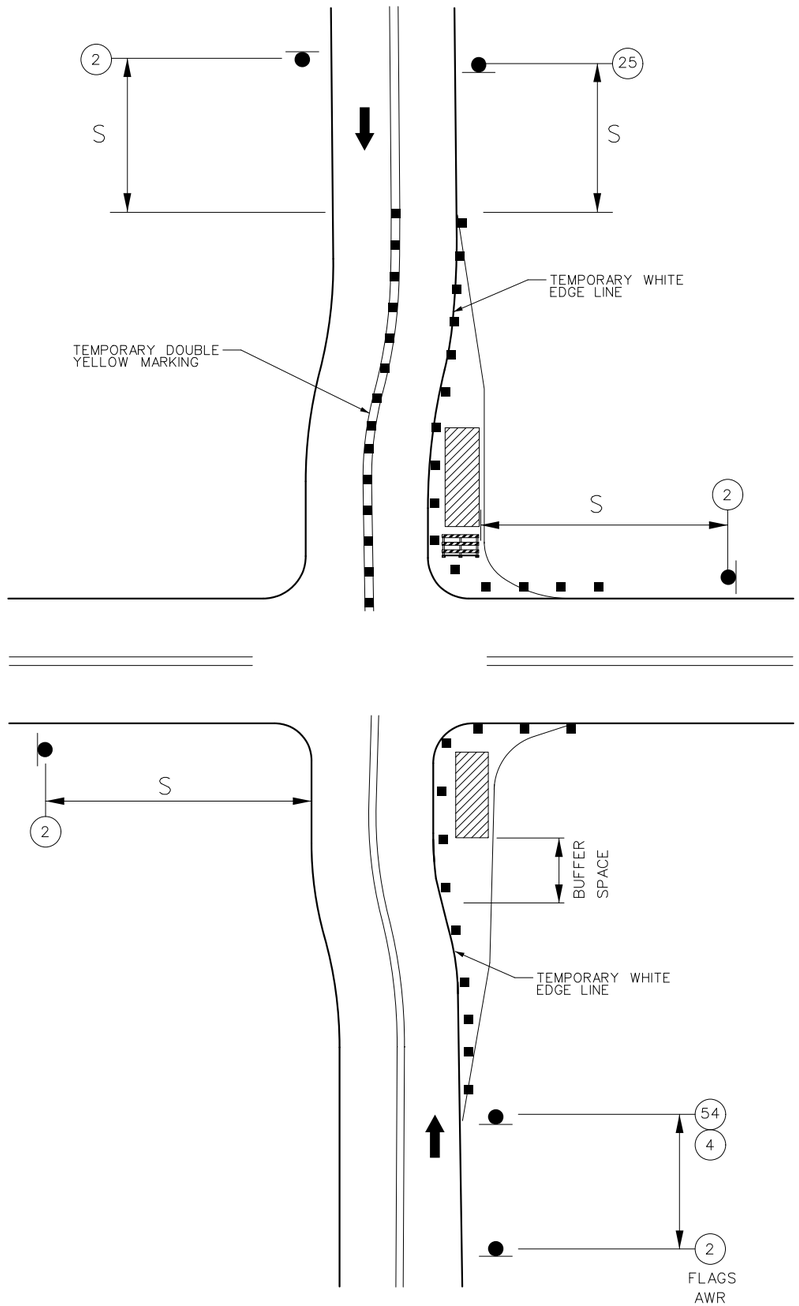
REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

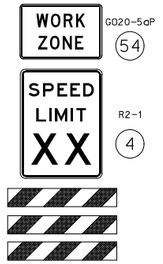


THROUGH LANE AT INTERSECTION

NOT TO SCALE









NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY EXISTING OR CONFLICTING PAVEMENT MARKINGS AS NEEDED.

TEMPORARY PAVEMENT MARKINGS REQUIRED WITH LONG TERM CLOSURES.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE- HALF MARKING.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TYPE 3 BARRICADES

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 9 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	57

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

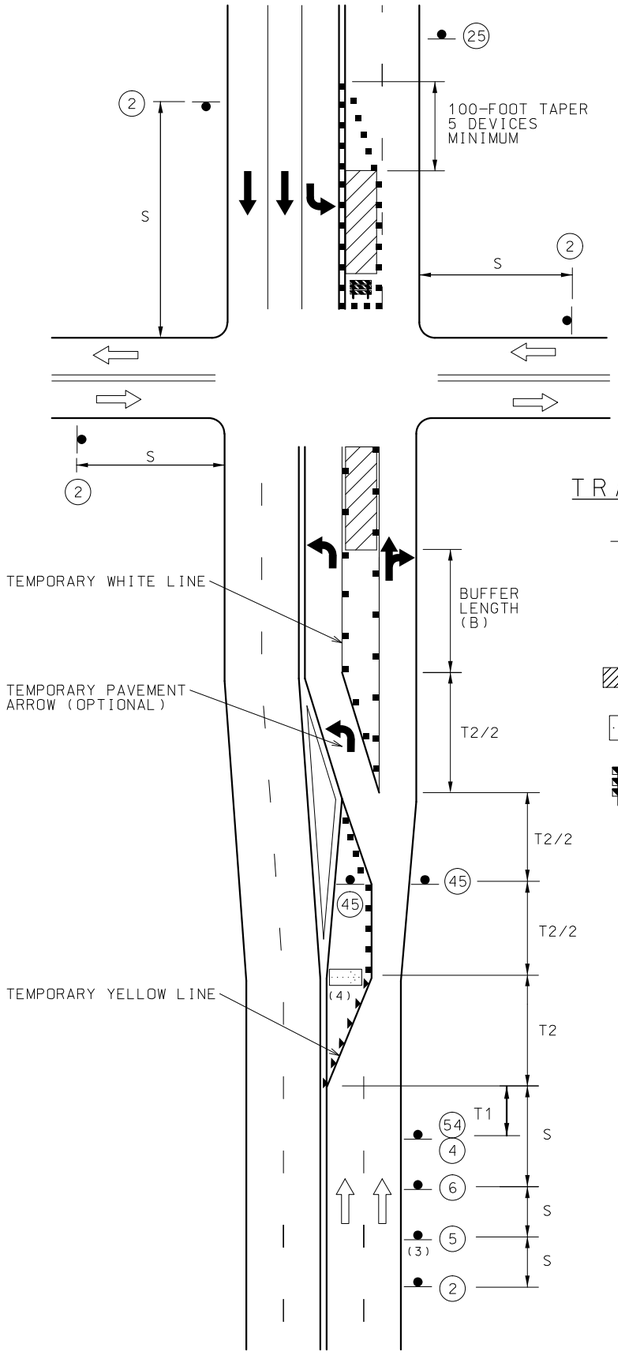
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



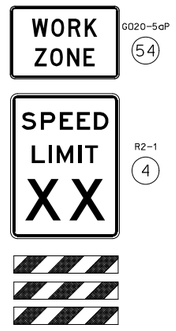
LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
NOT TO SCALE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE













ADVANCE WARNING RAIL SYSTEM



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 10 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	58

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

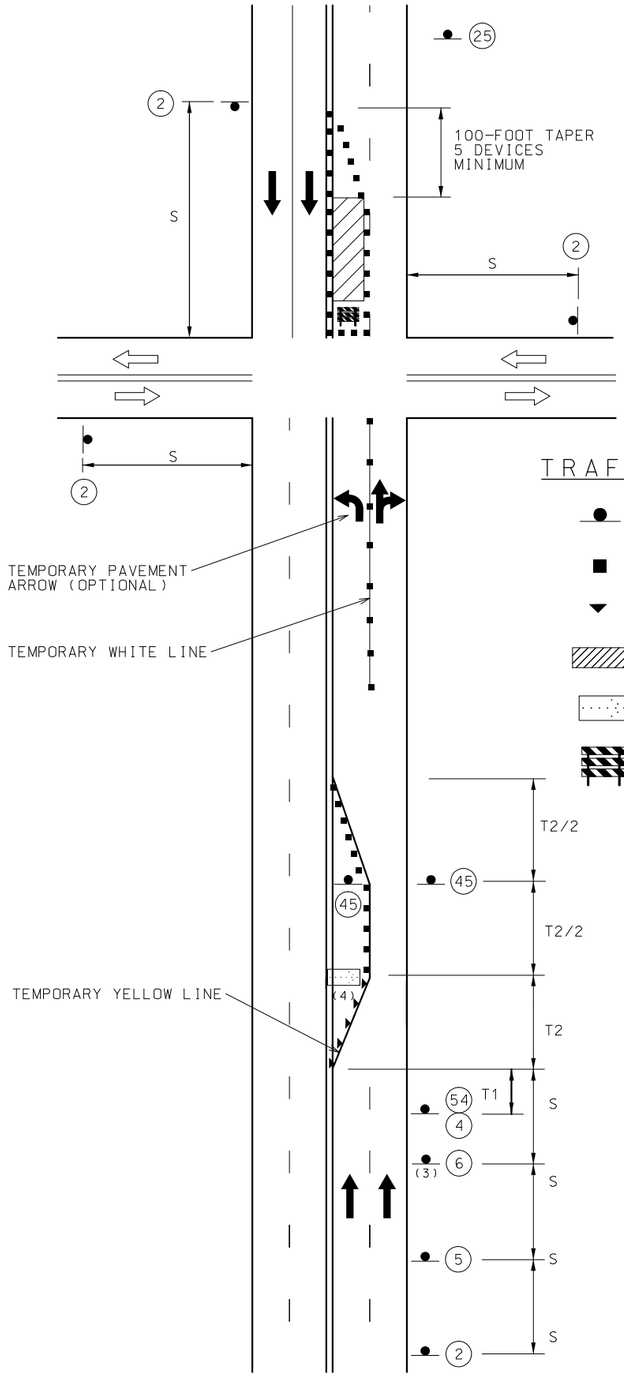
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



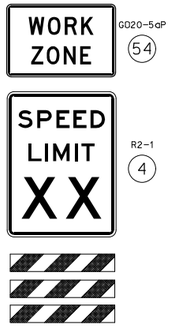
LEFT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE
NOT TO SCALE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE













ADVANCE WARNING RAIL SYSTEM



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23 (TA-23) LANE CLOSURE OF LEFT LANE ON FAR SIDE OF INTERSECTION - WORK ON NEAR OR FAR SIDE - DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 11 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

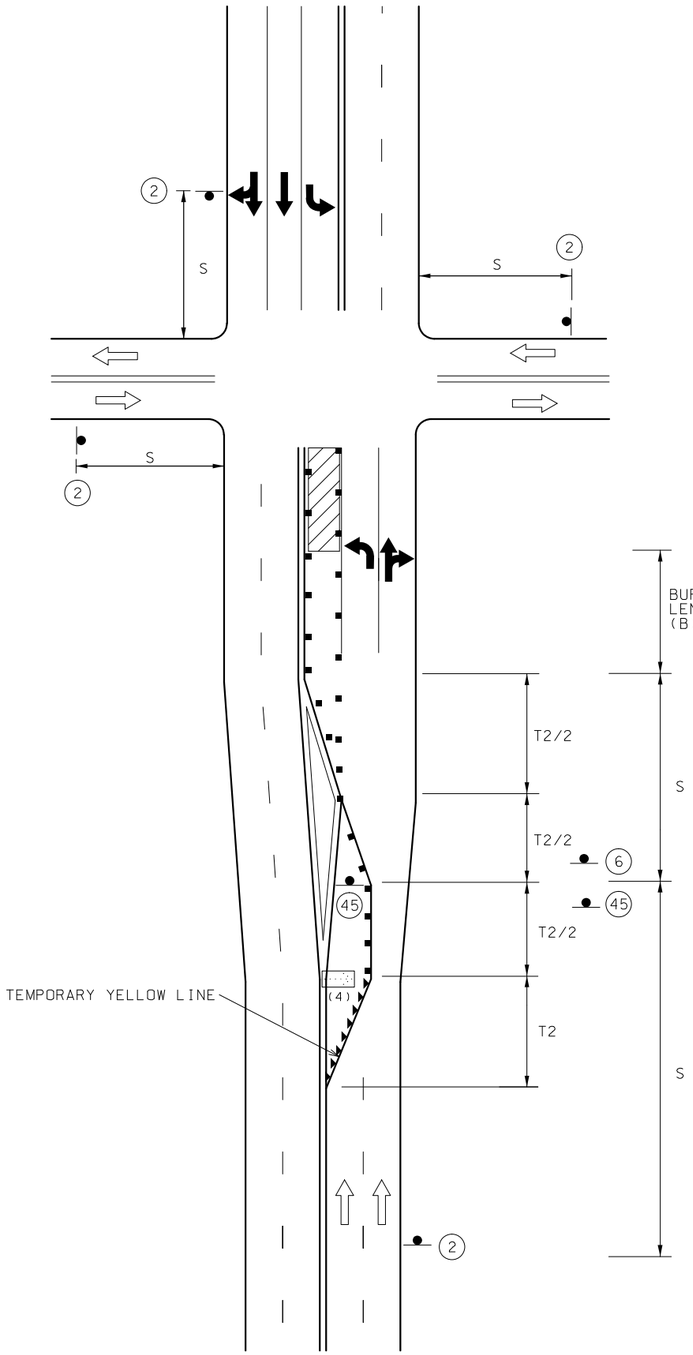
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

059_TC_011_(TA-23a)_Figure616.8.23a_Left_Lane_Closure_at_Intersection_Work_On_Far_Side_Only.dgn



LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
NOT TO SCALE

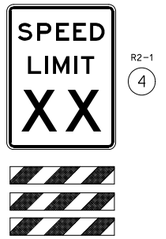
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- DIRECTIONAL INDICATOR BARRICADES (DIBS)
- WORK AREA
- FLASHING ARROW PANEL
- TYPE 3 BARRICADE





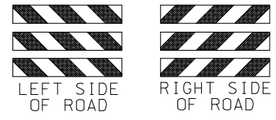








ADVANCE WARNING RAIL SYSTEM



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING,TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 12 OF 26

060_TC_012_(TA-23b)Figure616.8.23b_Lane_Closure_Left_Turn_Lane.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	60

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

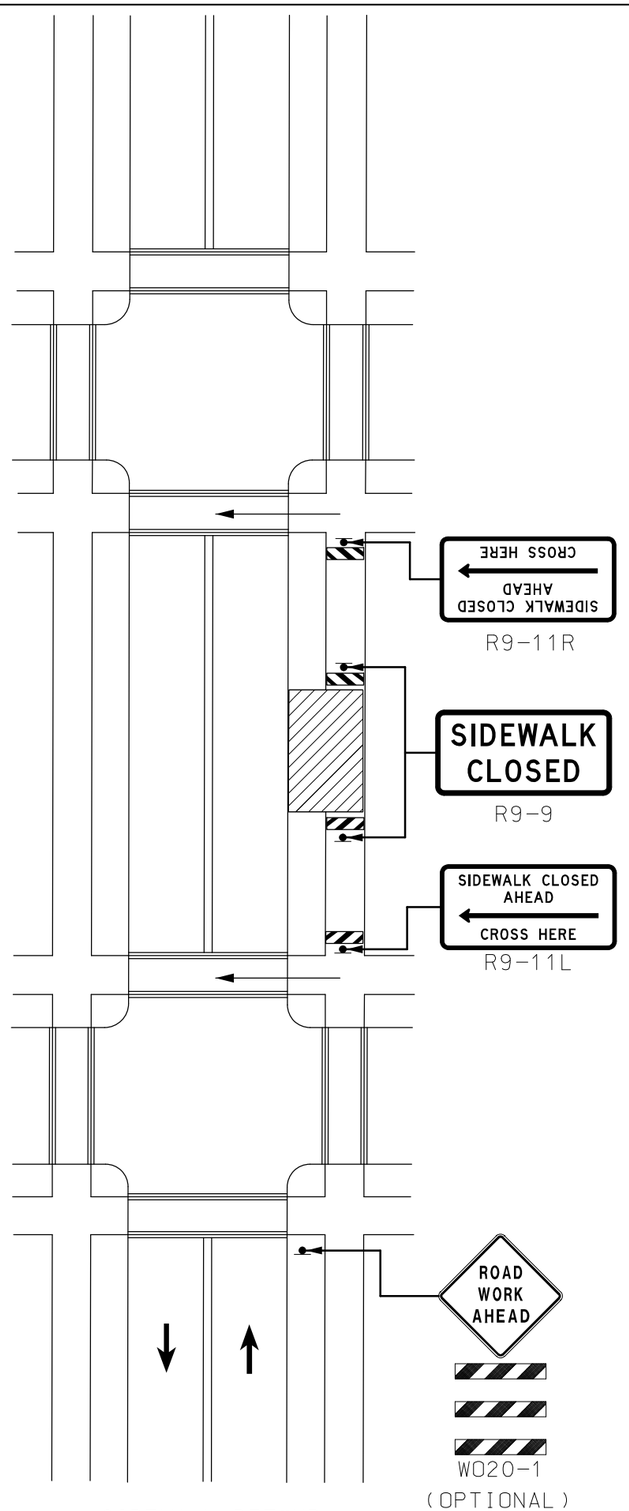
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

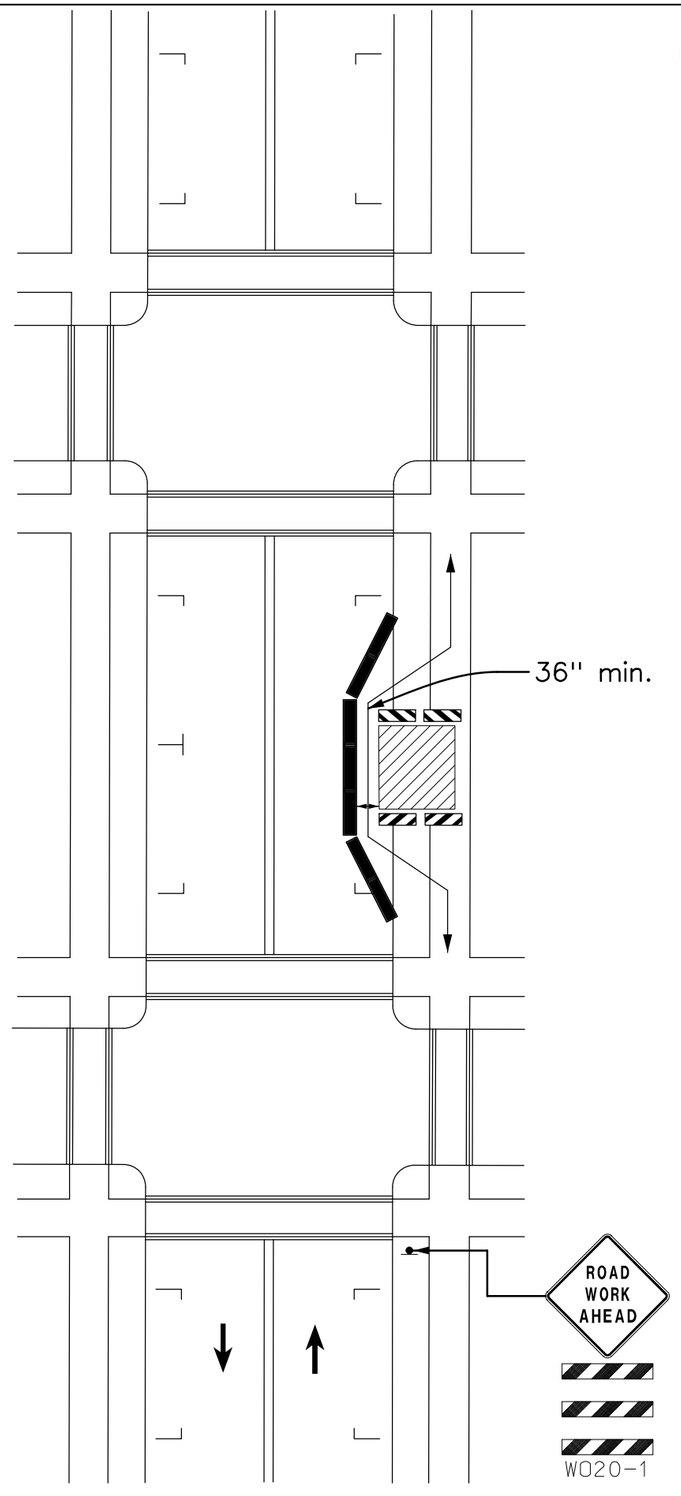
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



SIDEWALK DETOUR



SIDEWALK DIVERSION

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
3. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
4. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
5. SIGNS, SUCH AS "KEEP RIGHT (LEFT)", MAY BE PLACED ALONG A TEMPORARY SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS.
6. WHEN ROADWAY TRENCH OPERATIONS ARE ADJACENT TO SIDEWALKS, PLACE FALL PROTECTION BARRIER.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- LONGITUDINAL CHANNELIZING DEVICE
- TYPE III BARRICADE
- ADVANCED WARNING RAILS
- DIRECTION OF PEDESTRIAN DETOUR
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 13 OF 26

NOT TO SCALE

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

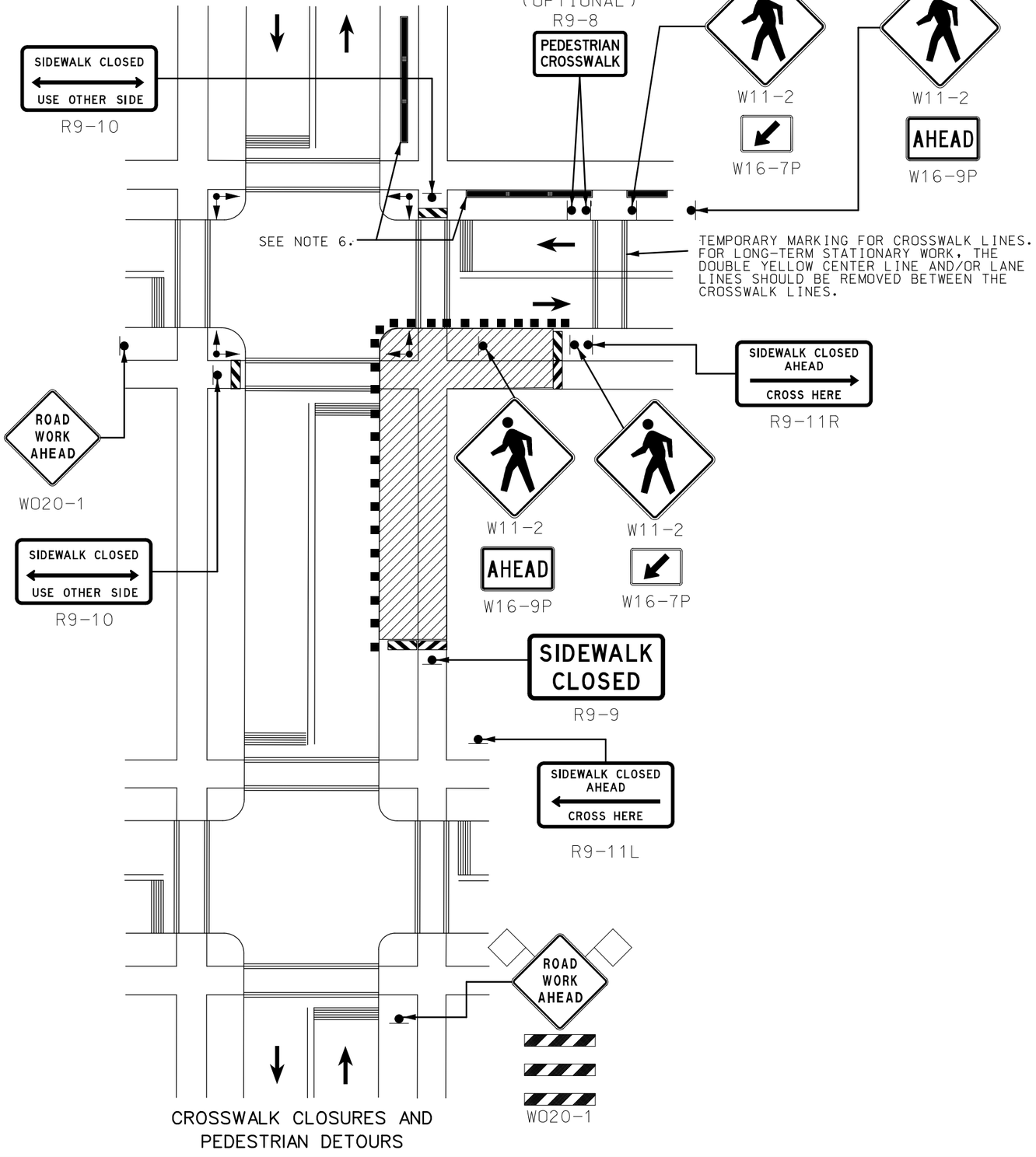
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

061_TC_013_(TA-28)Sidewalk_Detour_or_Diversion_I001.dgn



CROSSWALK CLOSURES AND PEDESTRIAN DETOURS

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
2. CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MIDBLOCK CROSSWALK.
3. AUDIBLE INFORMATION DEVICES SHOULD BE CONSIDERED WHERE MIDBLOCK CLOSINGS AND CHANGED CROSSWALK AREAS CAUSE INADEQUATE COMMUNICATION TO BE PROVIDED TO PEDESTRIANS WHO HAVE VISUAL DISABILITIES.
4. PEDESTRIAN TRAFFIC SIGNALS DISPLAYS CONTROLLING CLOSED CROSSWALKS SHOULD BE COVERED OR DEACTIVATED.
5. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS. MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
6. WHEN TRENCH OPERATIONS ARE ADJACENT TO SIDEWALKS, PLACE FALL PROTECTION BARRIER. MINIMUM SIDEWALK WIDTH 36 IN.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TRAFFIC OR PEDESTRIAN SIGNAL
- ADVANCED WARNING RAILS
- CHANNELIZER (TRIM-LINE)
- LONGITUDINAL FALL PROTECTION

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 14 OF 26

NOT TO SCALE

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	62

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

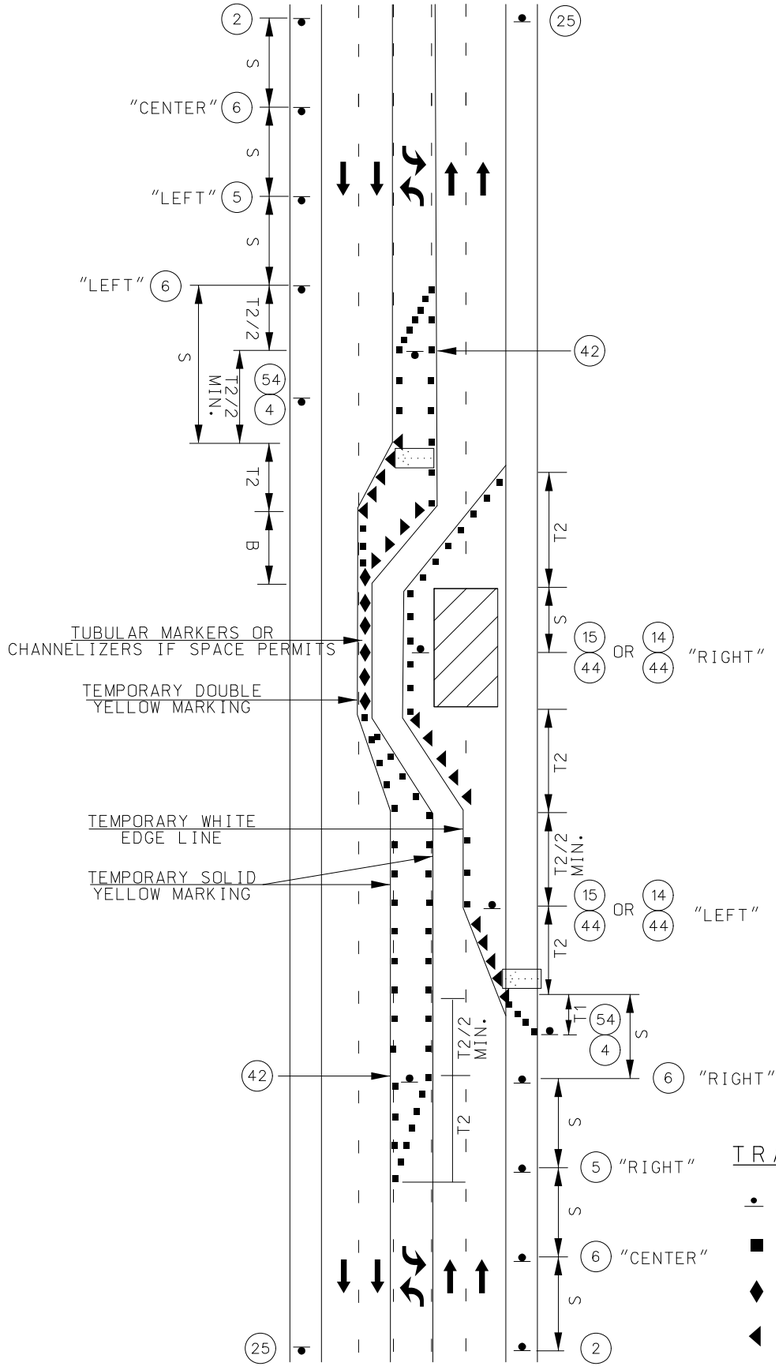
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

062_TC_014_(TA-29)Crosswalk_Closures_Pedestrian_Detours_1001.dgn

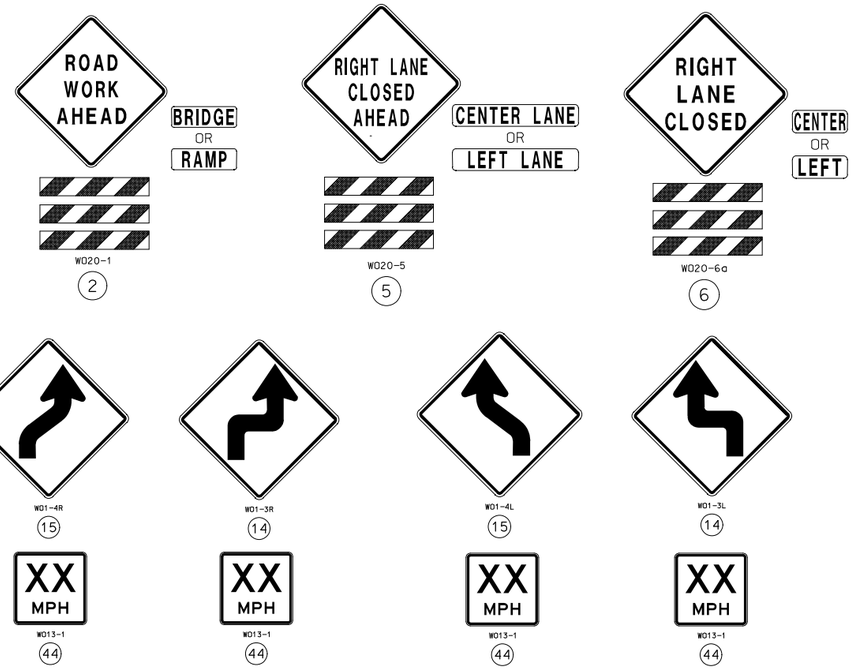


TWO-LANE CLOSURE ON A
5-LANE UNDIVIDED HIGHWAYS

NOT TO SCALE



NORMAL SPEED



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

PAVEMENT MARKINGS NO LONGER APPLICABLE SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICAL.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT, A 10-FEET DEVICE SPACING IS USED IN THE SHIFTING TAPERS AND WHERE TRAFFIC IS GUIDED ACROSS OTHER CONFLICTING PAVEMENT MARKING, ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING SHOWN ON FIGURE 616.1.2.

(4) ADVISORY SPEED (XX MPH) PLAQUE IS ONLY REQUIRED WHERE FULL LENGTH SHIFTING TAPERS CANNOT BE PROVIDED.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

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

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- TUBULAR MARKER
- DIRECTIONAL INDICATOR BARRICADE
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAIL SYSTEM

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 15 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

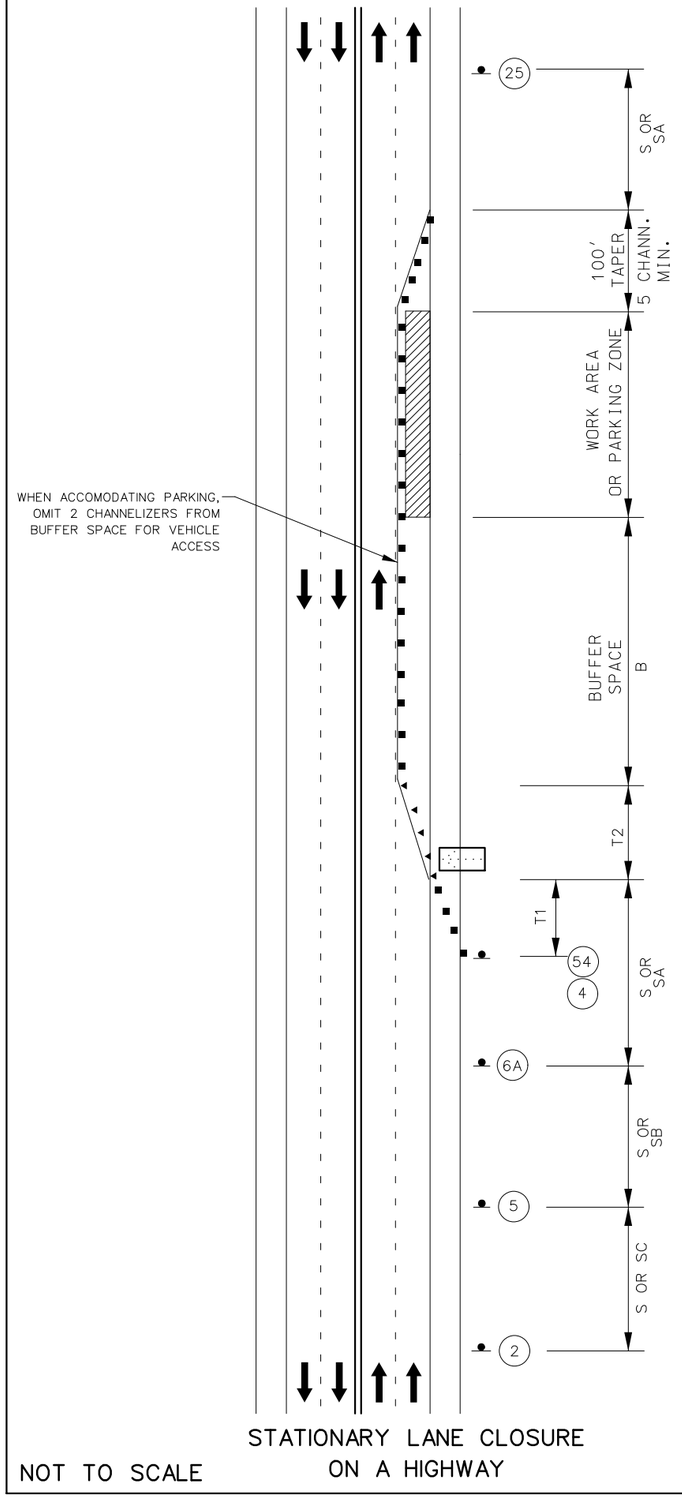
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

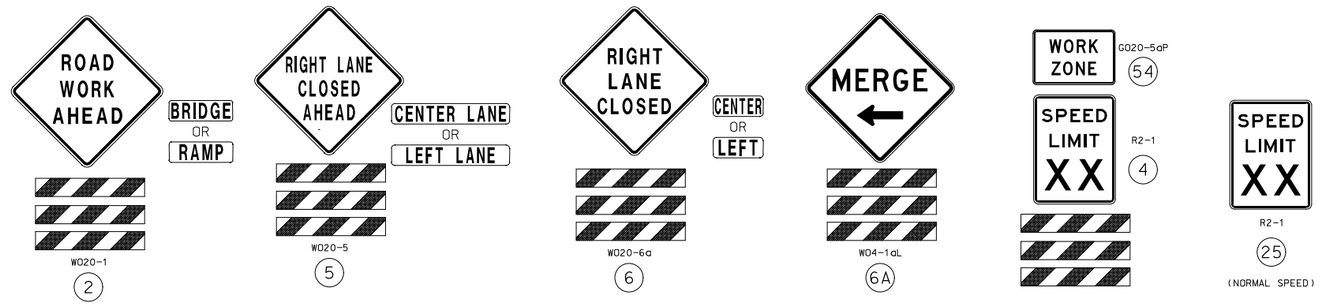
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

063_TC_015_(TA-32)Figure616.8.32_Two_Lane_Closure_On_A_5_Lane_Undivided_Highway.dgn

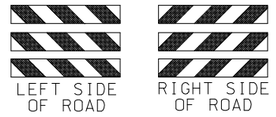


STATIONARY LANE CLOSURE ON A HIGHWAY

NOT TO SCALE



ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA OR PARKING ZONE
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW EPG 616.8.34 (TA-34) LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

REVIEW EPG 616.8.34A (TA-34A) LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS - DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTION

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 16 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	64

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

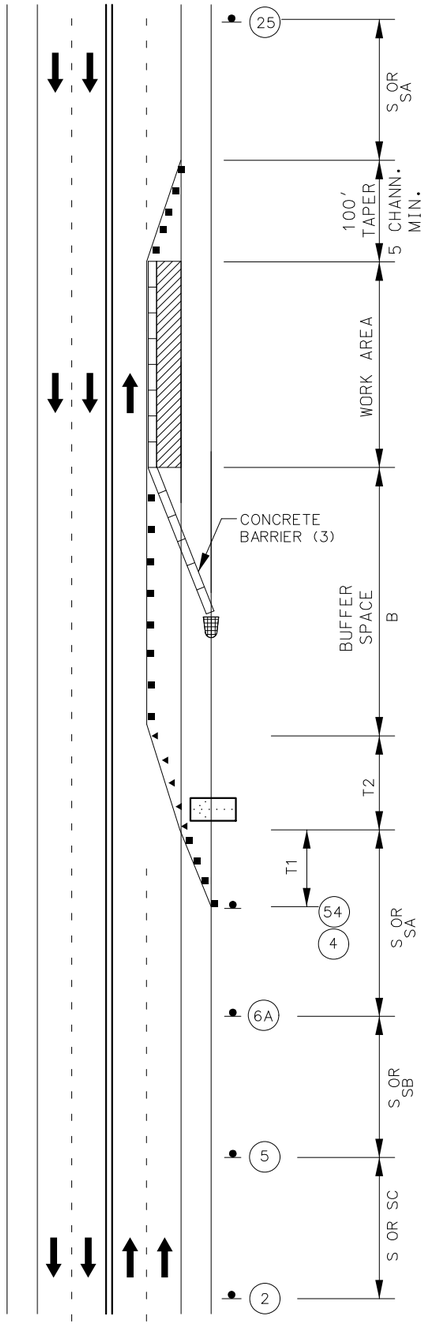
REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)
MoDOT
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MoDOT J6S3215 - ROUTE D PROJECT

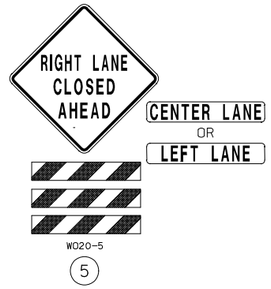
064_TC_016_(TA-33)Figure616.8.33_Stationary_Lane_Closure_Divided_Highway_1001.dgn



LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

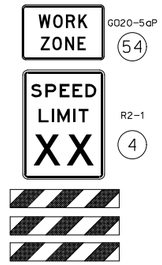
NOT TO SCALE





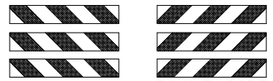








ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIERS.

(3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

(3) APPROVED CRASH CUSHION ARE TO BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS GREATER THAN OR EQUAL TO 40 MPH.

(3) BARRIER HEIGHT TRANSITION MAY BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS LESS THAN 40 MPH.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	–	200	70	245	280	35	40
40-45	–	500	150	540	400	40	80
50-55	–	1000	185	660	560	50	80
60-70	–	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 17 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	65

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

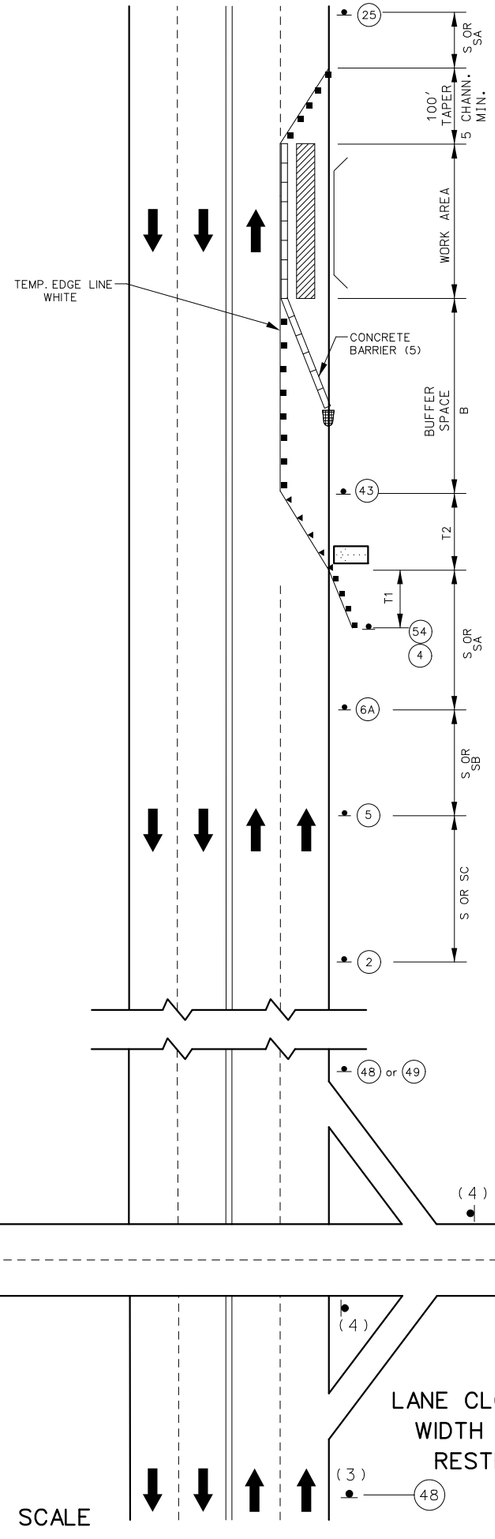
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

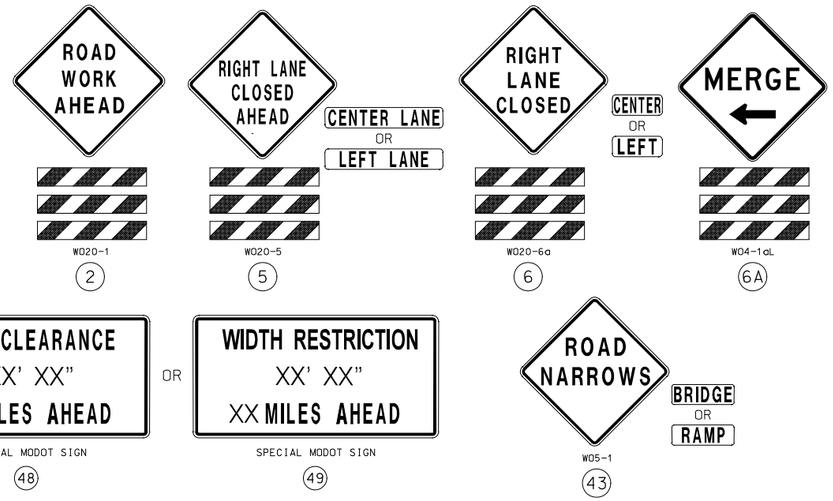
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

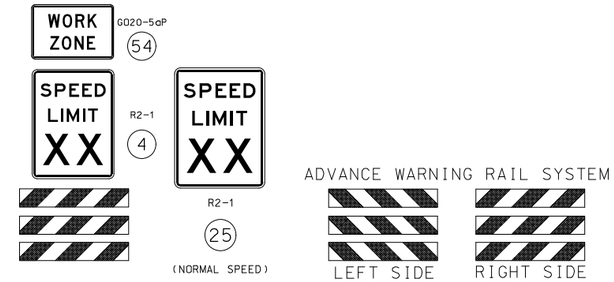
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

065_TC_017_(TA-34)Figure616.8.34_Lane_Closure_With_Temporary_Traffic_Barrier_I001.dgn







NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMITGUIDELINES.

REVIEW 616.8.33 (TA-33) STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY AND 616.8.34 (TA-34) LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER FOR LANE CLOSURE GUIDELINES.

A CMS AND/OR ALTERNATE ROUTE SIGNING SHOULD BE USED INADDITION TO THIS SIGNING.

WIDTH RESTRICTION OR LOW CLEARANCE SIGN MAY BE USED WITH OTHER TRAFFIC CONTROL SITUATIONS RESULTING IN A WIDTH RESTRICTION.

WIDTH RESTRICTION SHOWN ON SIGNS ARE EQUAL TO THE ACTUAL PAVEMENT WIDTH AT THE RESTRICTION.

(3) SIGN INSTALLED A MINIMUM OF 1000' IN ADVANCE OF THE OF THE LAST INTERCHANGE EXIT RAMP. INTERSECTION OR POINT WHERE A DETOUR OR TURN AROUND IS PROVIDED BEFORE THE CLEARANCE RESTRICTION WHEN AN EXIT IS UNAVAILABLE AT THE WORK LOCATION. SIGN PLACEMENT MAY DEPEND ON GEOMETRY AND LOCATION OF EXISTING SIGNS.

(4) LOW CLEARANCE XX' XX" __BOUND ROUTE__

SIGN MAY BE MODIFIED BASED ON GEOMETRICS.

(5) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE APPROVED ENDTREATMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS

TRAFFIC CONTROL SHEET ROUTE D SHEET 18 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	66

COUNTY ST. LOUIS

JOB NO. J6S3215

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)
MoDOT J6S3215 - ROUTE D PROJECT
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

CENTER LINE AND OR LANELINE STRIPING ON MULTI-LANE, UNDIVIDED HIGHWAYS - MT

NOTES:

FOR SIGN LEGEND AND HINGED SIGN INFORMATION, REFER TO EPG 616.8.17b (TA-17b) CENTERLINE/EDGELINE STRIPING ON TWO- LANE HIGHWAYS - MT.

ALL SIGNS SHALL HAVE FLUORESCENT ORANGE RETROFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED.

(2) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGN DISTANCE, OR SPACING SHOWN.

(3) THE LIGHT BAR MAY BE USED AND EMERGENCY ALERT LIGHTS SHOULD BE USED ON THE REAR ADVANCED WARNING TRUCK. IF USED, THE REAR FACING AMBER/WHITE LIGHT BAR IS INSTALLED ON TOP OF THE VEHICLE AND THE EMERGENCY ALERT LIGHTS ARE INSTALLED BELOW THE FLASHING ARROW PANEL.

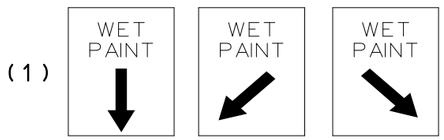
(4) SHOULDER ADVANCE WARNING TRUCK IS POSITIONED AT THE MINIMUM SPACING AS SHOWN. THE SPACING MAY VARY DUE TO VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR LOCATIONS WHERE THE SHOULDER IS RESTRICTED (GORE AREAS, GUARDRAIL, ETC.) AND THE VEHICLES MUST WAIT TO MOVE TO ANOTHER LOCATION. IF QUEUING OF VEHICLES OCCUR, THE SHOULDER ADVANCE WARNING TRUCK SHOULD BE POSITION UPSTREAM OF THE END OF THE QUEUE.

FOR ADDITIONAL GUIDANCE ON REVIEW EPG 616.8.35 MOBILE OPERATIONS ON DIVIDED OR MULTI -LANE UNDIVIDED HIGHWAYS - MT.

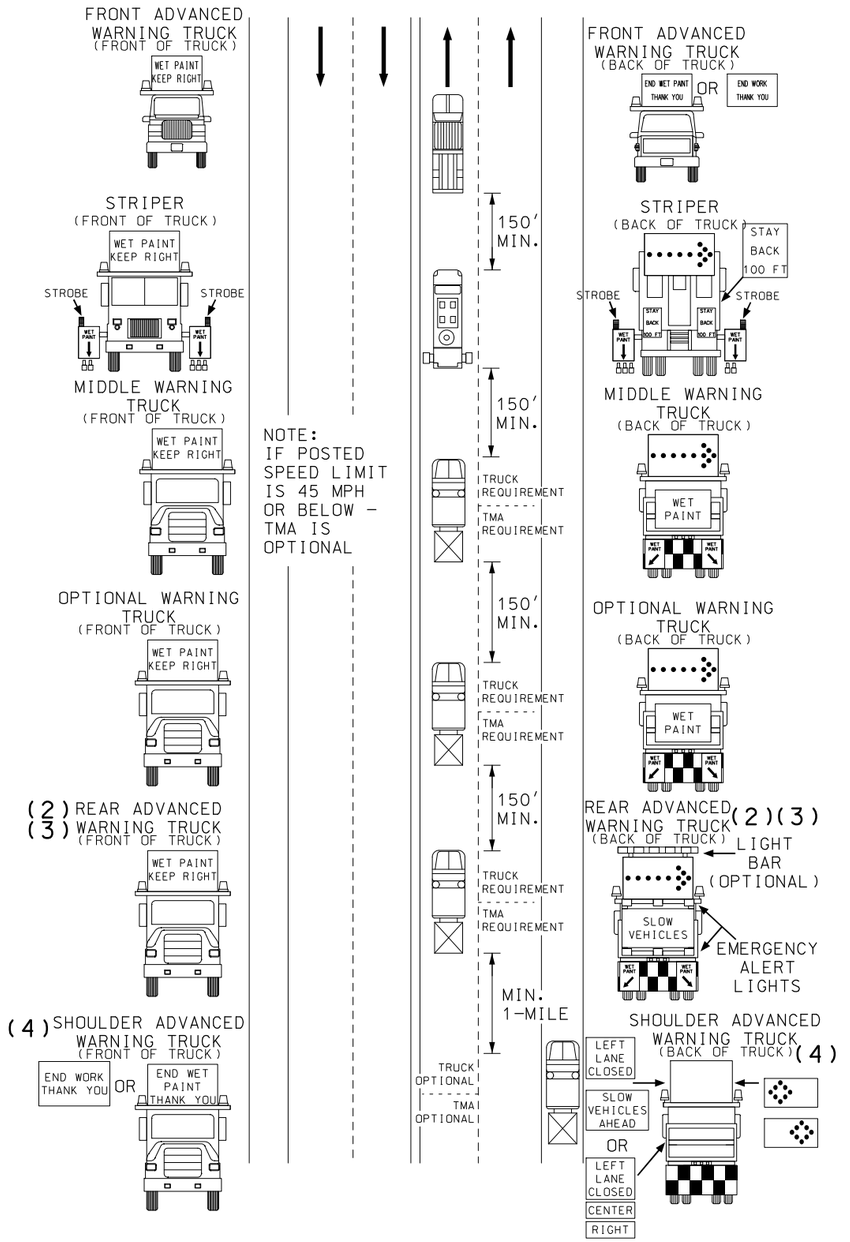
FOR ADDITIONAL GUIDANCE ON TRUCK/TRAILER MOUNTED ATTENUATORS (TMA) SEE EPG 612 IMPACT ATTENUATORS.

IF LAW ENFORCEMENT (LE) IS USED, THE LE VEHICLE SHOULD EITHER BE:
1) UPSTREAM 400-1000 FT OF THE SHOULDER ADVANCED WARNING TRUCK ON THE SHOULDER OR,
2) DOWNSTREAM AT LEAST 400-FT OF THE REAR ADVANCED WARNING TRUCK IN THE CLOSED LANE.

(1)



NOT TO SCALE



TRAFFIC CONTROL SHEET
ROUTE D
SHEET 19 OF 26

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

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	67

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

067_TC_019_(TA-35a)Figure616.8.35a_Center_Line_Lane_Line_Striping_Undivided_1001.dgn

EDGELINE STRIPING ON MULTI-LANE, UNDIVIDED HIGHWAYS - MT

NOTES:

FOR SIGN LEGEND AND HINGED SIGN INFORMATION, REFER TO EPG 616.8.17b (TA-17b) CENTERLINE/EDGELINE STRIPING ON TWO- LANE HIGHWAYS - MT.

ALL SIGNS SHALL HAVE FLUORESCENT ORANGE RETROFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED.

(2) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGN DISTANCE, OR SPACING SHOWN.

(3) THE LIGHT BAR MAY BE USED AND EMERGENCY ALERT LIGHTS SHOULD BE USED ON THE REAR ADVANCED WARNING TRUCK. IF USED, THE REAR FACING AMBER/WHITE LIGHT BAR IS INSTALLED ON TOP OF THE VEHICLE AND THE EMERGENCY ALERT LIGHTS ARE INSTALLED BELOW THE FLASHING ARROW PANEL.

(4) SHOULDER ADVANCE WARNING TRUCK IS POSITIONED AT THE MINIMUM SPACING AS SHOWN. THE SPACING MAY VARY DUE TO VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR LOCATIONS WHERE THE SHOULDER IS RESTRICTED (GORE AREAS, GUARDRAIL, ETC.) AND THE VEHICLES MUST WAIT TO MOVE TO ANOTHER LOCATION. IF QUEUING OF VEHICLES OCCUR, THE SHOULDER ADVANCE WARNING TRUCK SHOULD BE POSITION UPSTREAM OF THE END OF THE QUEUE.

FOR ADDITIONAL GUIDANCE ON REVIEW EPG 616.8.35 MOBILE OPERATIONS ON DIVIDED OR MULTI -LANE UNDIVIDED HIGHWAYS - MT.

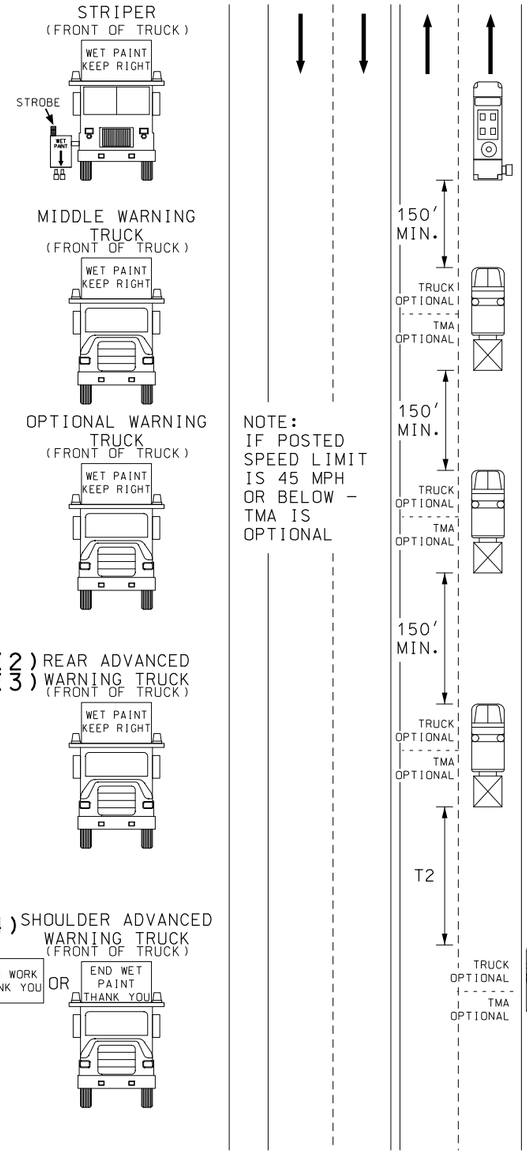
FOR ADDITIONAL GUIDANCE ON TRUCK/TRAILER MOUNTED ATTENUATORS (TMA) SEE EPG 612 IMPACT ATTENUATORS.

IF LAW ENFORCEMENT (LE) IS USED, THE LE VEHICLE SHOULD EITHER BE:
1) UPSTREAM 400-1000 FT OF THE SHOULDER ADVANCED WARNING TRUCK ON THE SHOULDER OR,
2) DOWNSTREAM AT LEAST 400-FT OF THE REAR ADVANCED WARNING TRUCK IN THE CLOSED LANE.

SPEED	TAPER LENGTH (ft.)	
REGULATORY (MPH)	SHOULDER (T1)	LANE (4) (T2)
0-35	-	245
40-45	-	540
50-55	-	660
60-70	-	840

(1)





NOT TO SCALE

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 20 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 68
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

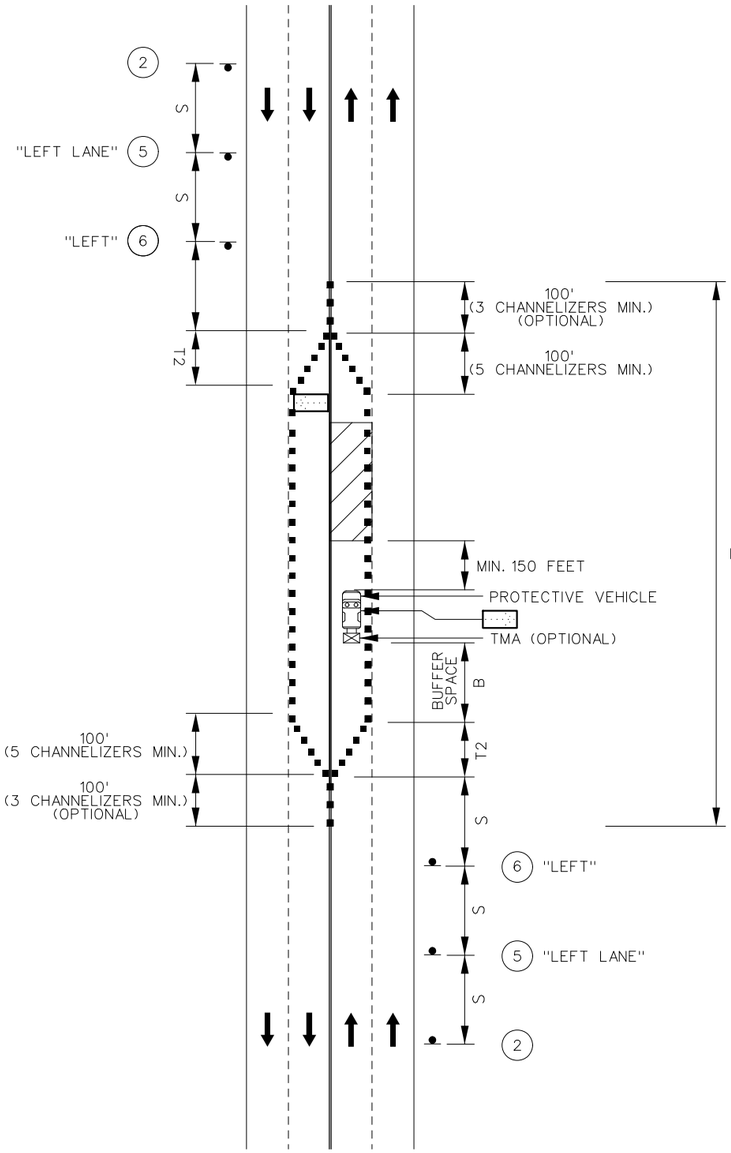
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE; 7' POST	1 MI.
RURAL UNDIVIDED	1' PORTABLE; 5' POST	3 MI.

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

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

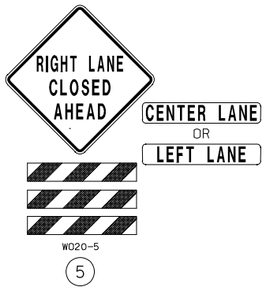


LANE CLOSURE ON
MULTI-LANE UNDIVIDED
HIGHWAYS

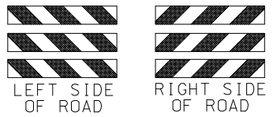
NOT TO SCALE







ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 21 OF 26

069_TC_021_(TA-30)Figure616.8.30_Lane_Closure_On_MultiLane_Undivided_Highways.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

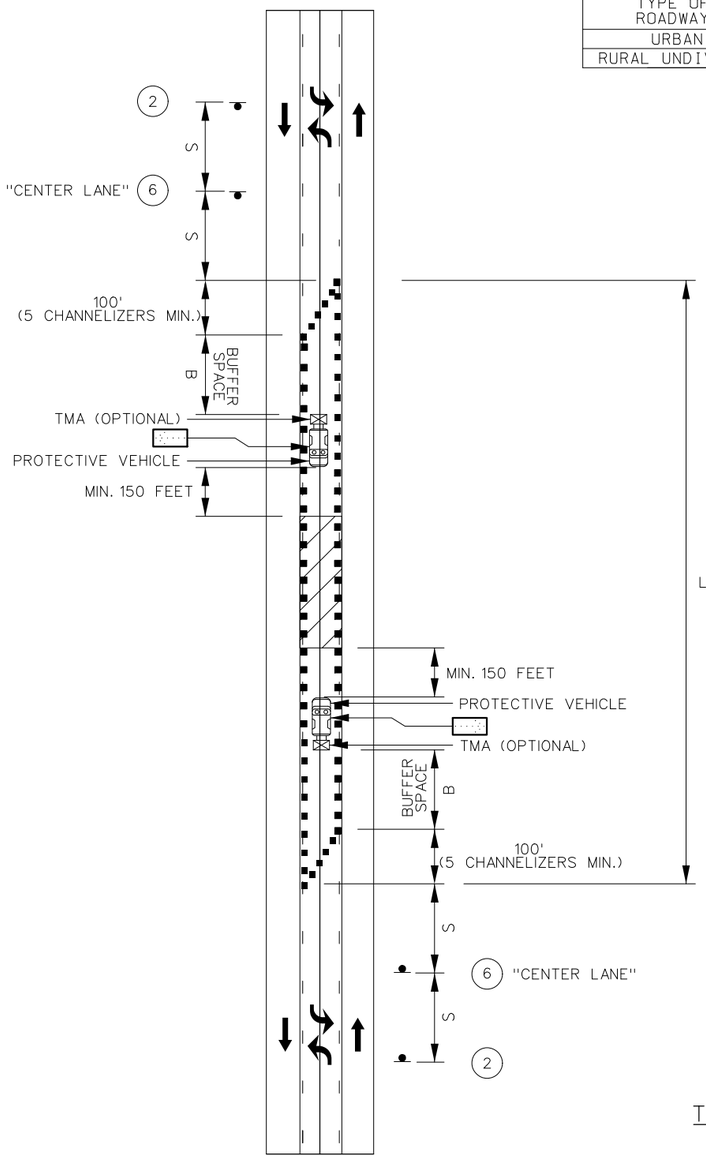
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE; 7' POST	1 MI.
RURAL UNDIVIDED	1' PORTABLE; 5' POST	3 MI.

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

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

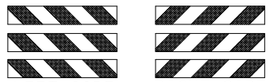


OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS





ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TMA (TRUCK MOUNTED ATTENUATOR)
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 22 OF 26

NOT TO SCALE

070_TC_022_(TA-30a)Figure616.8.30a_Operations_In_A_TWLTL_Closure_on_an_Undivided_or_MultiLane_Highways_1001.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	70

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

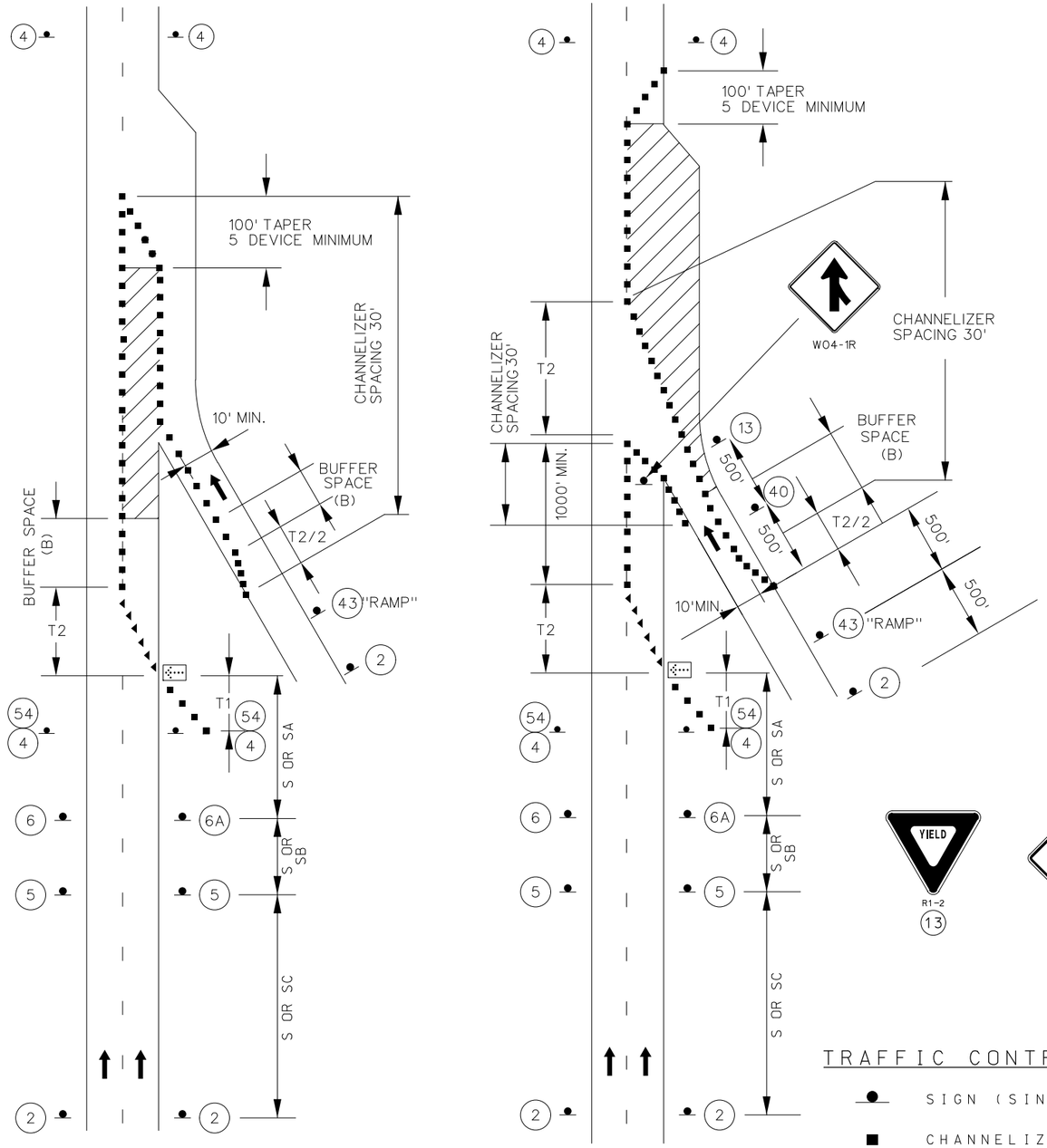
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

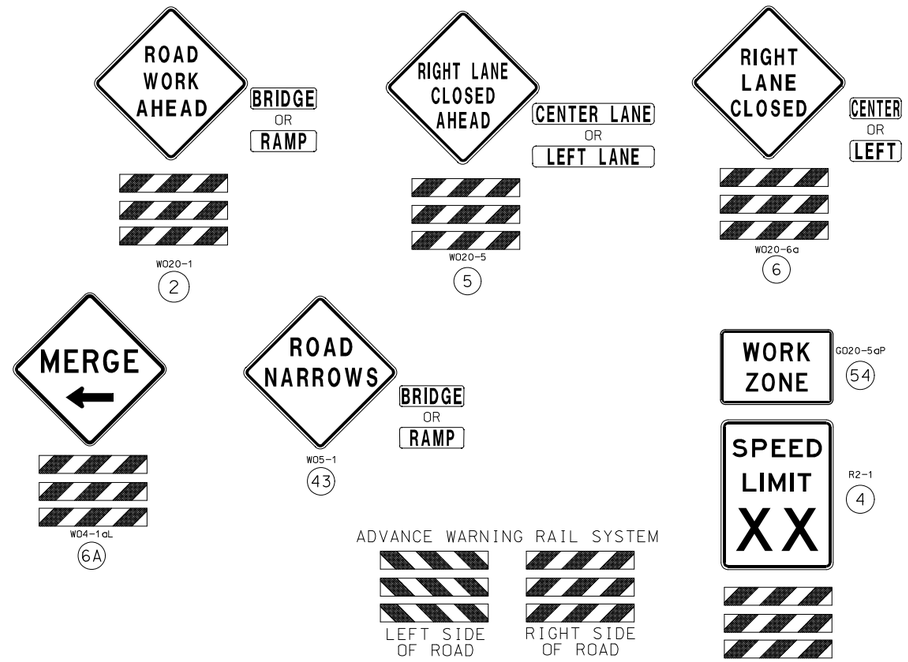


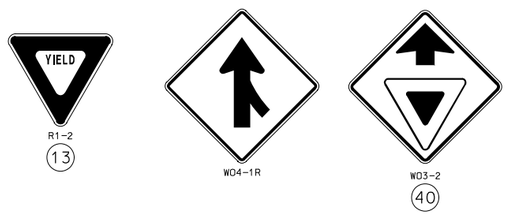
WORK IN THE VICINITY
OF AN ENTRANCE RAMP

NOT TO SCALE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (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 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- DIRECTIONAL INDICATOR BARRICADES

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE ON EACH SIDE OF THE APPROACH).

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 23 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 71
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

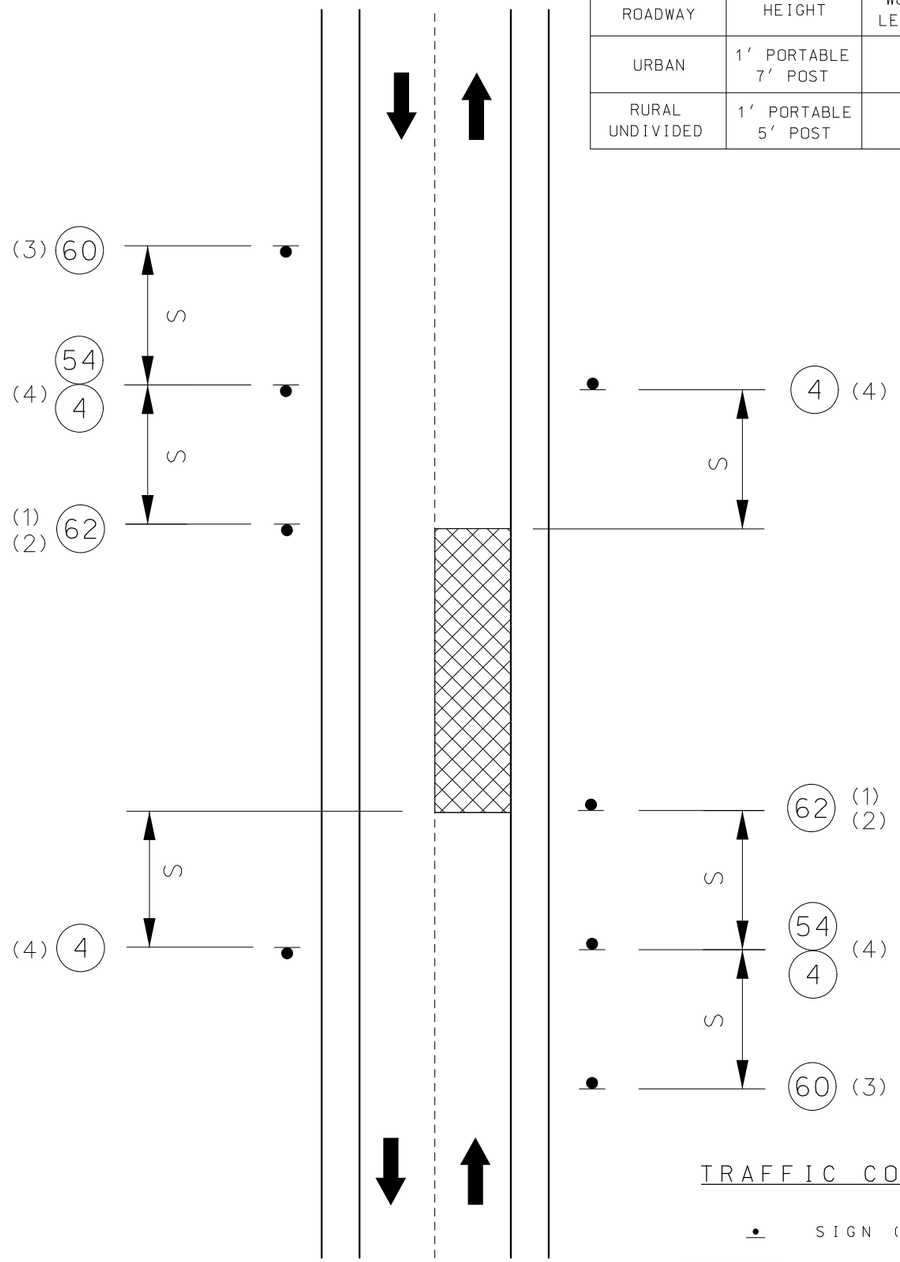
MoDOT J6S3215 - ROUTE D PROJECT

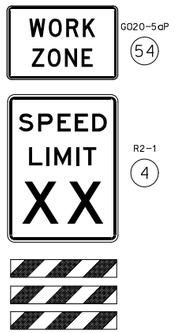
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

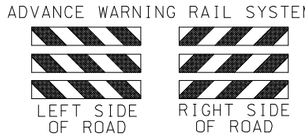
071_TC_023_(TA-44)Figure616.8.44_Work_in_the_Vicinity_of_an_Entrance_Ramp.dgn

TYPE OF ROADWAY	SIGN HEIGHT	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MI











NOTES:

WHEN WORK ACTIVITIES INVOLVE MOVEMENT OF SOIL OR SUBSURFACE OPERATIONS, UTILITIES SHALL BE LOCATED BY CALLING MO ONE CALL, THE LOCAL PROVIDER, AND MODOT.

UNPROTECTED EXCAVATIONS OR REPAIRS LOCATED WITHIN THE ROADWAY SHALL BE BACK FILLED OR PLATED WHILE WORKERS ARE NOT PRESENT. IN LOCATIONS WHERE FILLS OR PLATES AFFECT THE PROFILE OF THE ROADWAY (E.G., FILLS APPRECIABLY HIGHER OR LOWER THAN THE ROAD SURFACE, TICK PLATES, ETC.), THE RESPONSIBLE PARTY SHOULD INSTALL A BUMP OR DIP SIGN , AS APPROPRIATE, ALONG THE EDGE OF THE ROADWAY, IMMEDIATELY ADJACENT TO THE LOCATION.

THE PERIMETER OF THE STEEL PLATE SHALL HAVE A GRADUAL TRANSITION OF 1V:3H. THE GRADUAL TRANSITION MAY BE ACCOMPLISHED BY ASPHALT WEDGING OR A MECHANICAL FASTENER, AS APPROVED BY THE ENGINEER. THE PLATE SHALL HAVE DELINEATION AND TREATED FOR SKID RESISTANCE.

FOR POSTED SPEED LIMITS LESS THAN 45 MPH:

(1) STEEL PLATE AHEAD, DIP, OR BUMP SIGNS SHOULD BE INSTALLED DEPENDING ON THE PROFILE OF THE ROADWAY OR USE OF STEEL PLATE ON THE ROADWAY.

FOR POSTED SPEED LIMITS GREATER THAN OR EQUAL TO 45 MPH:

(2) BUMP OR DIP SIGNS SHOULD BE INSTALLED DEPENDING ON THE PROFILE OF THE ROADWAY.

(3) STEEL PLATE AHEAD, DIP, OR BUMP SIGNS SHOULD BE INSTALLED DEPENDING ON THE PROFILE OF ROADWAY OR USE OF STEEL PLATE ON THE ROADWAY.

(4) SPEED LIMIT SIGNS MAY BE USED TO REDUCE SPEED THROUGHOUT THE EXCAVATION AREA. FOR FURTHER GUIDANCE, REVIEW EPG 616.29 WORK ZONE SPEED LIMITS.

ADDITIONAL STEEL PLATE INFORMATION IS LOCATED IN EPG 616.46 STEEL PLATE AHEAD SIGN

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	–	–	–	–	–	–
40-45	350	–	–	–	–	–	–
50-55	500	–	–	–	–	–	–
60-70	1000	–	–	–	–	–	–
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

EXCAVATION WORK AREA

EXCAVATIONS WITH STEEL PLATE OR BACK FILL ON UNDIVIDED HIGHWAYS

NOT TO SCALE

TRAFFIC CONTROL SHEET ROUTE D SHEET 24 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED 8/31/23.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	72

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

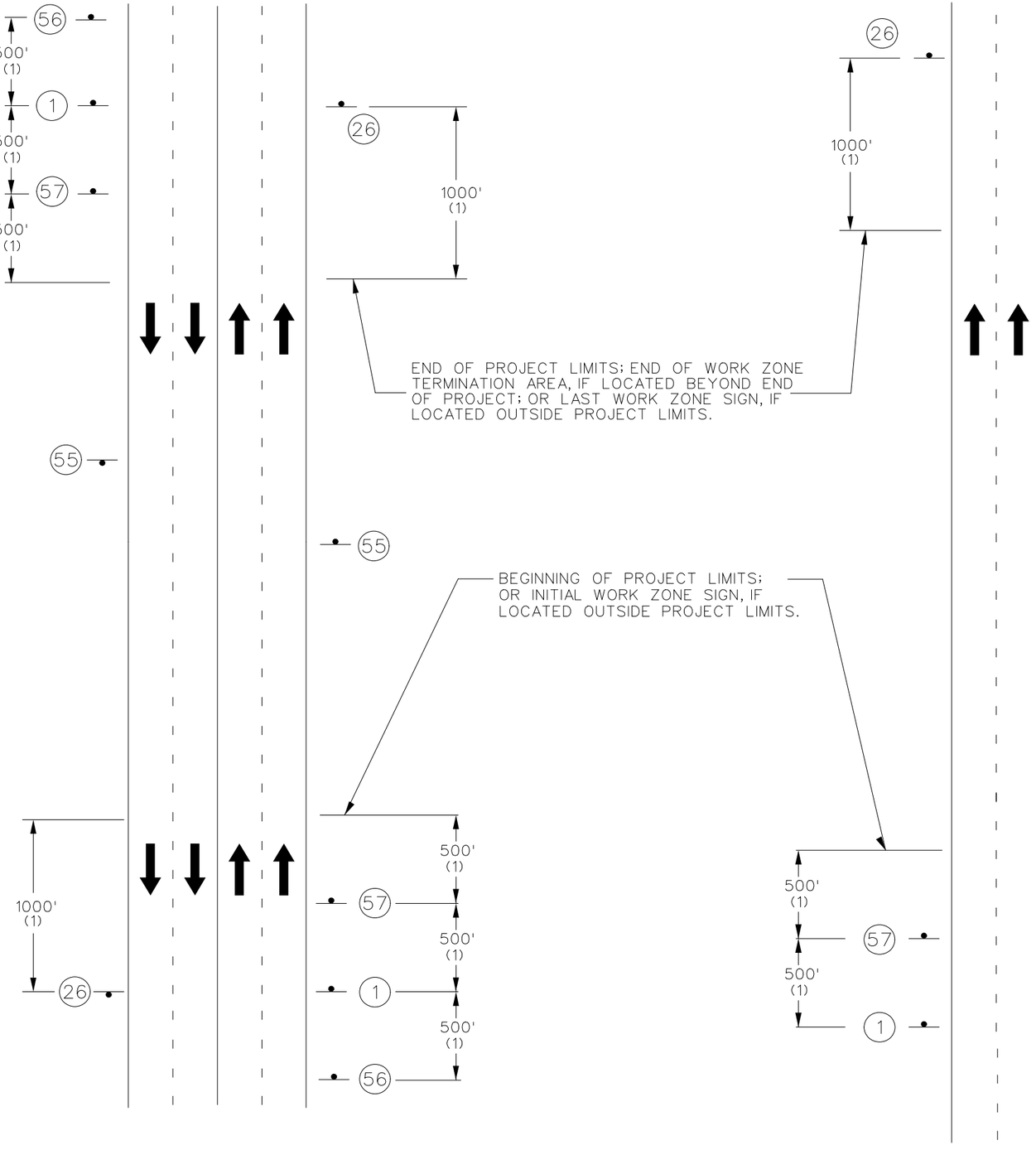
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 – ROUTE D PROJECT

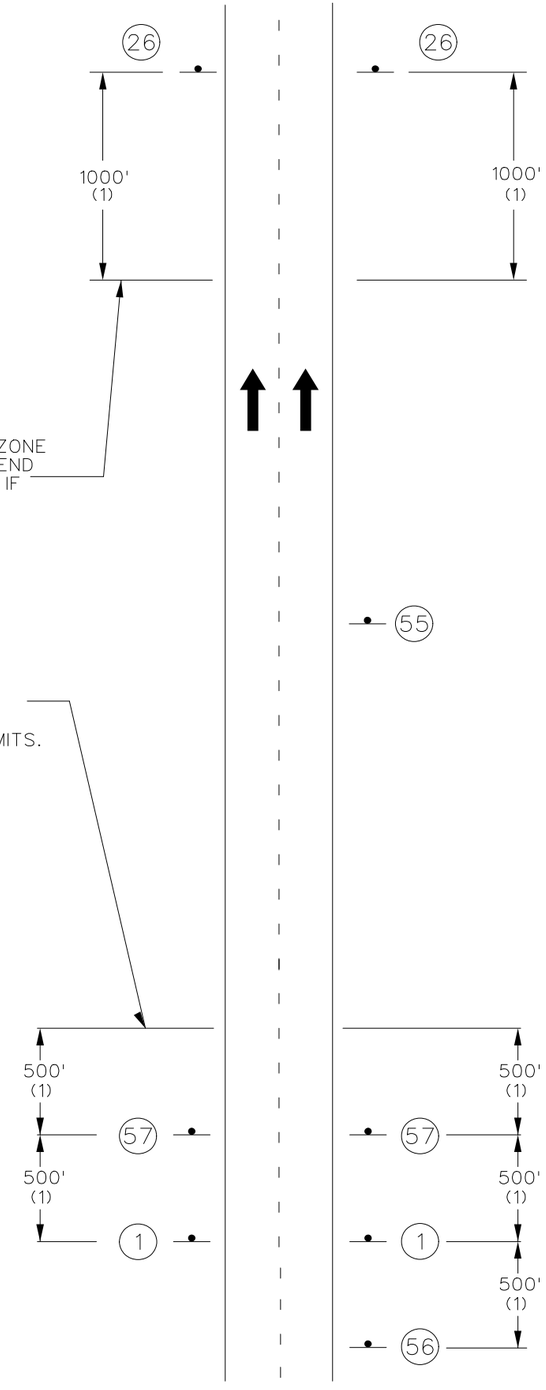
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

072_TC_024_(TA-47a)Figure616.8.47a_Excavations_with_Steel_Plate_or_Back_Fill_on_Undivided_Highways_1001.dgn



FOUR-LANE UNDIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)



MULTI-LANE DIVIDED

NOTES:
SIGN G020-1 IS REQUIRED PER EPG 616.6.56.

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.

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

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

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

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) CONST-5-96 OR CONST-5-48 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.

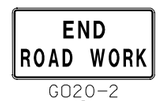
(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT LIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(5) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHTS OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



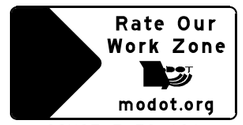
G020-1
(1)



G020-2
(26)



SPECIAL (6)
(57)



CONST-7-72 (2)
CONST-7-48 (2)(4)
(56)



CONST-5-96 (3)
CONST-5-48 (3)(5)
(55)

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 25 OF 26

STATE OF MISSOURI
CASEY ELSTEN
NUMBER
PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN DIGITALLY SEALED AND DATED.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	73

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

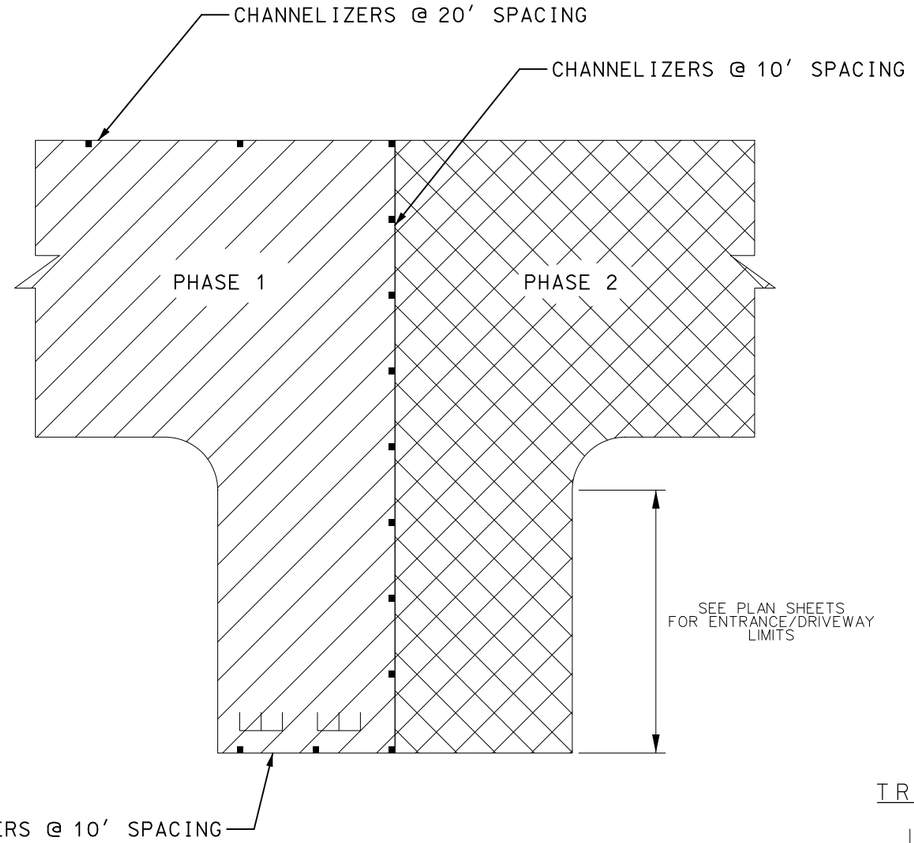
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

073_TC_025_(TA-50)Figure616.8.50_Begin_End_Of_Project.dgn



TRAFFIC CONTROL LEGEND

TYPE III BARRICADES

CHANNELIZER (TRIM-LINE)

ENTRANCE TRAFFIC CONTROL DETAIL

NOTE:

MIRROR CHANNELIZER/BARRICADE PLACEMENT FOR PHASE 2.

NOT TO SCALE

TRAFFIC CONTROL SHEET
ROUTE D
SHEET 26 OF 26

074_TC_026_Entrance_Traffic_Control-Detail.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	74

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

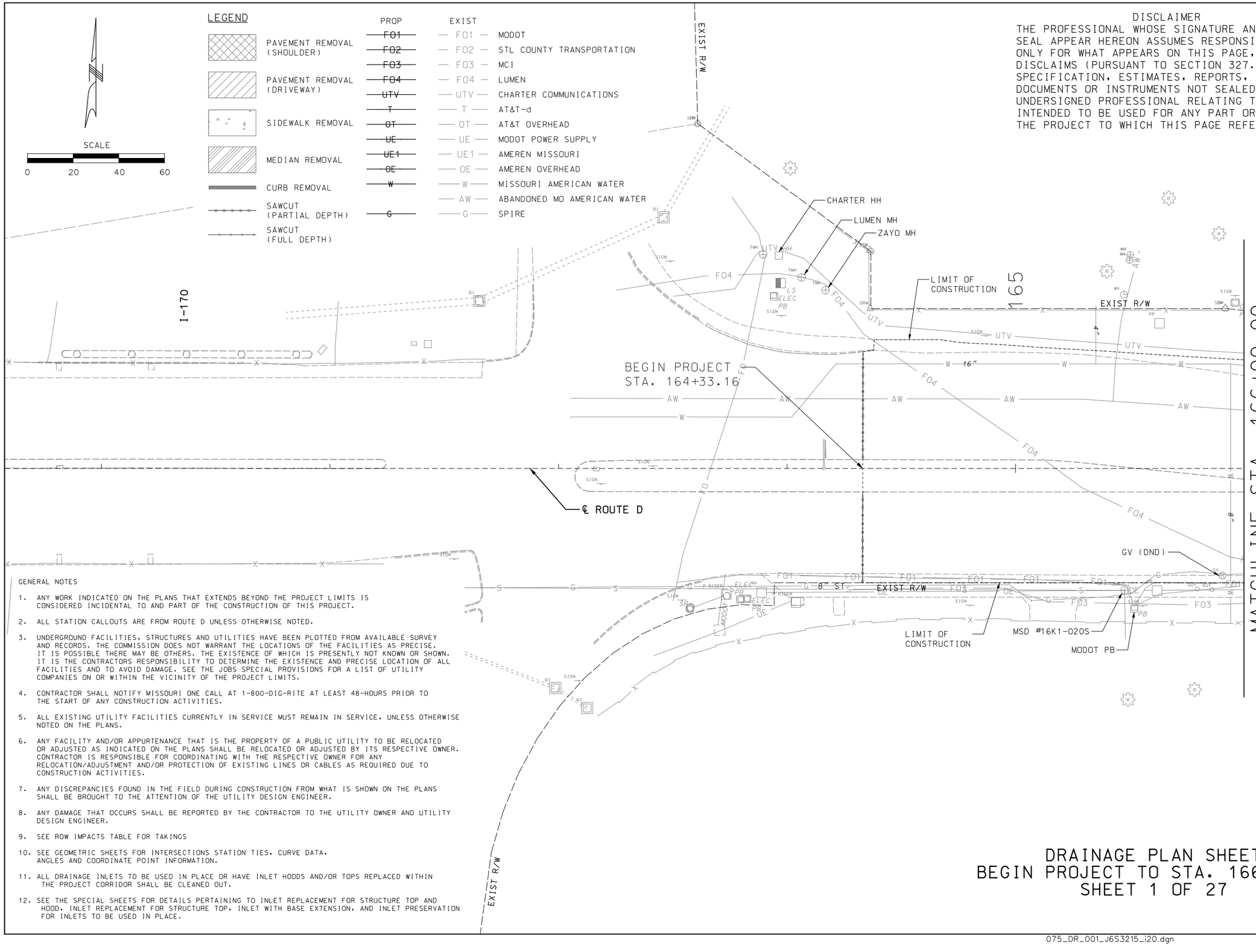
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	FO2	FO2	STL COUNTY TRANSPORTATION
SIDEWALK REMOVAL	FO3	FO3	MCI
MEDIAN REMOVAL	FO4	FO4	LUMEN
CURB REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
SAWCUT (PARTIAL DEPTH)	T	T	AT&T-d
SAWCUT (FULL DEPTH)	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
		AW	ABANDONED MO AMERICAN WATER
	G	G	SPIRE

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.



GENERAL NOTES

1. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL STATION CALLOUTS ARE FROM ROUTE D UNLESS OTHERWISE NOTED.
3. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE COMMISSION DOES NOT WARRANT THE LOCATIONS OF THE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID DAMAGE. SEE THE JOBS SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES ON OR WITHIN THE VICINITY OF THE PROJECT LIMITS.
4. CONTRACTOR SHALL NOTIFY MISSOURI ONE CALL AT 1-800-DIG-RITE AT LEAST 48-HOURS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
5. ALL EXISTING UTILITY FACILITIES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE, UNLESS OTHERWISE NOTED ON THE PLANS.
6. ANY FACILITY AND/OR APPURTENANCE THAT IS THE PROPERTY OF A PUBLIC UTILITY TO BE RELOCATED OR ADJUSTED AS INDICATED ON THE PLANS SHALL BE RELOCATED OR ADJUSTED BY ITS RESPECTIVE OWNER. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE RESPECTIVE OWNER FOR ANY RELOCATION/ADJUSTMENT AND/OR PROTECTION OF EXISTING LINES OR CABLES AS REQUIRED DUE TO CONSTRUCTION ACTIVITIES.
7. ANY DISCREPANCIES FOUND IN THE FIELD DURING CONSTRUCTION FROM WHAT IS SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE UTILITY DESIGN ENGINEER.
8. ANY DAMAGE THAT OCCURS SHALL BE REPORTED BY THE CONTRACTOR TO THE UTILITY OWNER AND UTILITY DESIGN ENGINEER.
9. SEE ROW IMPACTS TABLE FOR TAKINGS
10. SEE GEOMETRIC SHEETS FOR INTERSECTIONS STATION TIES, CURVE DATA, ANGLES AND COORDINATE POINT INFORMATION.
11. ALL DRAINAGE INLETS TO BE USED IN PLACE OR HAVE INLET HOODS AND/OR TOPS REPLACED WITHIN THE PROJECT CORRIDOR SHALL BE CLEANED OUT.
12. SEE THE SPECIAL SHEETS FOR DETAILS PERTAINING TO INLET REPLACEMENT FOR STRUCTURE TOP AND HOOD, INLET REPLACEMENT FOR STRUCTURE TOP, INLET WITH BASE EXTENSION, AND INLET PRESERVATION FOR INLETS TO BE USED IN PLACE.

DRAINAGE PLAN SHEET
BEGIN PROJECT TO STA. 166+00.00
SHEET 1 OF 27

075_DR_001_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7.5

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

8825 PAGE AVE
N/F
ARIEL INVESTMENT LLC
BK 16490 PG 3068
PARCEL ID# 16K440135
NO ACQUISITION

BELT WAY DRIVE

4" PL

BK 16490 PG 3068
PARCEL ID# 16K440092
NO ACQUISITION
1748 BELT WAY DR
N/F
ARIEL INVESTMENT LLC

MATCHLINE STA. 166+00.00

MATCHLINE STA. 169+00.00

LIMIT OF CONSTRUCTION

EXIST R/W

CHARTER HH

℄ ROUTE D

8" ST

LIMIT OF CONSTRUCTION

LUMEN MH

ZAYO MH

MCI HH

CHARTER HH

8800 PAGE AVE
N/F
ALBERICI REDEVELOPMENT
CORPORATION LISA GORHAM
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DISCLAIMER

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DRAINAGE PLAN SHEET
STA. 166+00.00 TO STA. 169+00.00
SHEET 2 OF 27

076_DR_002_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7-6

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER

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WATERWORKS ROAD

EXIST R/W

8815 PAGE AVE
N/F
HARRIS RICHARD L TRUSTEE
BK 16576 PG 0453
PARCEL ID# 16K530258
NO ACQUISITION

170

LIMIT OF CONSTRUCTION

℄ ROUTE D

MATCHLINE STA. 169+00.00

MATCHLINE STA. 173+50.00

CHARTER HH

LIMIT OF CONSTRUCTION

EXIST R/W

EXIST R/W

SCALE
0 20 40 60

LEGEND

		PROP	EXIST	
	PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
		~~FO2~~	FO2	STL COUNTY TRANSPORTATION
	PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
		~~FO4~~	FO4	LUMEN
		~~UTV~~	UTV	CHARTER COMMUNICATIONS
	SIDEWALK REMOVAL	~~T~~	T	AT&T-d
		~~OT~~	OT	AT&T OVERHEAD
	MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
		~~UE1~~	UE1	AMEREN MISSOURI
	CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
		~~W~~	W	MISSOURI AMERICAN WATER
	SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
	SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DRAINAGE PLAN SHEET
STA. 169+00.00 TO STA. 173+50.00
SHEET 3 OF 27

077_DR_003_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7-7

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS

530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

EXIST R/W

SANDBLASTING FACILITY ROAD

MATCHLINE STA. 173+50.00

MATCHLINE STA. 178+50.00

175

MSD #UNK
(UIP)

LIMIT OF
CONSTRUCTION

MSD #16K1-123D
(UIP)

℄ ROUTE D

MSD #UNK
(UIP)

1681 WALTON RD
N/F
BLIZARD LLC
BK 23274 PG 1500
PARCEL ID# 16K510063
NO ACQUISITION

LIMIT OF
CONSTRUCTION

CHARTER HH

EXIST R/W

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DISCLAIMER
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DRAINAGE PLAN SHEET
STA. 173+50.00 TO STA. 178+50.00
SHEET 4 OF 27

078_DR_004_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7.8

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8601 PAGE AVE
N/F
KIENSTRA ENTERPRISES INC
BK 13138 PG 0682
PARCEL ID# 16K510261
NO ACQUISITION

8595 PAGE AVE
N/F
8595 PAGE AVENUE LLC
BK 24312 PG 5499
PARCEL ID# 16K510227
NO ACQUISITION

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 178+50.00

MATCHLINE STA. 183+00.00

EXISTING R/W

WALTON ROAD

EXISTING R/W

℄ ROUTE D

MSD #16K1-121D

GD (DND)

MSD #16K1-117D

MSD #16K1-166D

1-31 DI
MOD X INLET WITH BASE EXTENSION

18" RCP

1-40 DI
3'X2' TYPE S-1

ABANDONED PB (R)

CHARTER AMP

EX 12" RCP (R)

LIMIT OF CONSTRUCTION

EX 24" RCP (UIP)

MSD #16K2-002D (ATG)

EX 24" RCP (R)

POLE (DND)

MODOT SIGNAL PB

1-70 DI
2'X2' TYPE A

MODOT PB (ATG)

15" RCP

MANHOLE COLLAR

EXIST R/W

MODOT PB (ATG)

PP W/LIGHT

MSD #16K1-110D

POLE (DND)

MSD #16K1-030S (ATG)

POLE (DND)

MSD #UNK (REPLACE INLET TOP AND HOOD)

EXISTING 12" RCP (UIP)

24" RCP

MSD #16K1-007D (R)

GV (ATG BO)

1-71 DI
5' DIA MANHOLE INTERCEPT EX 24" RCP

EXIST 96"x60" RCB
STA. 182+22.69
SKEW 60°40'08"

TBABO

GV (DND)

EX 4" ST GAS (R&RELOC BO)

GV (ATG BO)

GD (DND)

POLE (DND)

1-20 DI
MOD X INLET

REL. CHARTER

TAP EXISTING BOX

EX 2" ST GAS (R&RELOC BO)

18" RCP

18" RCP

18" RCP

GD (DND)

8" ST

EXISTING R/W

MSD #16K1-111D

MSD #16K1-112D

POLE (DND)

MSD #16K1-113D

MCI HH (ATG BO)

AT&T HH (ATG BO)

CHARTER HH (DND)

MODOT PB (ATG)

LUMEN MH

MSD #16K1-115D

1-21 DI
MOD X INLET

GUY (R&R BO TO PEDESTRIAN GUY)

GV (ATG BO)

GUY (DND)

LIMIT OF CONSTRUCTION

EXIST R/W
MOD X INLET
1-22 DI

EX DRAINAGE ESMT PER PLAN

1681 WALTON RD
N/F
BLIZARD LLC
BK 23274 PG 1500
PARCEL ID# 16K510063
NO ACQUISITION

8592 PAGE AVE
N/F
SCHNUCK MARKETS INC
A MO CORP
BK 10518 PG 1167
PARCEL ID# 16K510238
NO ACQUISITION

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
	UTV	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	T	T	AT&T-d
	OT	OT	AT&T OVERHEAD
MEDIAN REMOVAL	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

NOTES:
1. FOR MANHOLE COLLAR DETAILS. SEE SPECIAL SHEETS.

DRAINAGE PLAN SHEET
STA. 178+50.00 TO STA. 183+00.00
SHEET 5 OF 27

079_DR_005_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7.9

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

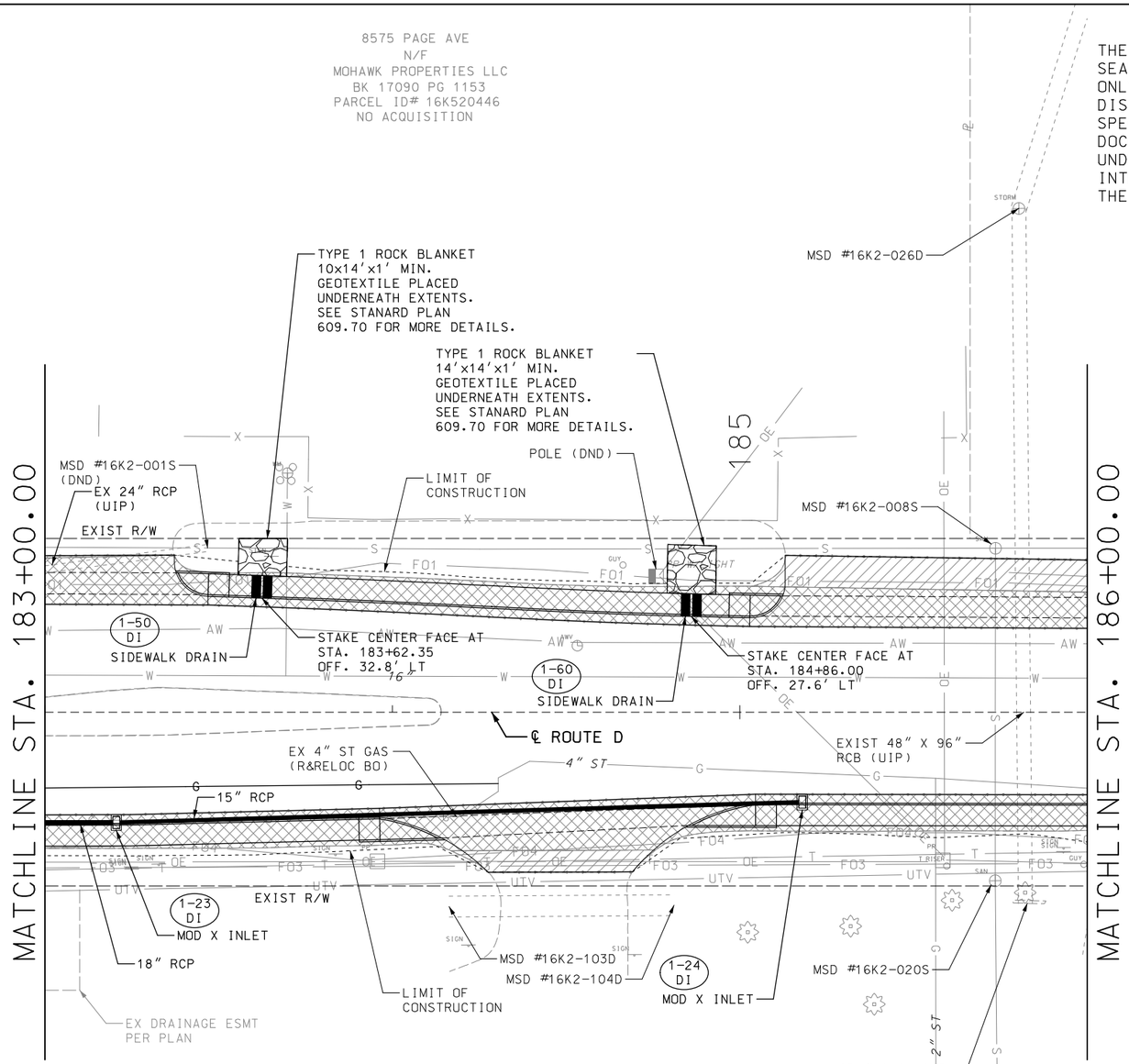
SCALE

0 20 40 60

8575 PAGE AVE
N/F
MOHAWK PROPERTIES LLC
BK 17090 PG 1153
PARCEL ID# 16K520446
NO ACQUISITION

DISCLAIMER

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LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
SAWCUT (PARTIAL DEPTH)	~~W~~	W	MISSOURI AMERICAN WATER
		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

8590 PAGE AVE
N/F
SCHNUCK MARKET INC
BK 10518 PG 1167
PARCEL ID# 16K520402
NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 183+00.00 TO STA. 186+00.00
SHEET 6 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET WERE AUTHORIZED BY THE PERSON WHOSE NAME IS SHOWN HEREON ON THE DATE SHOWN HEREON.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	80

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

080_DR_006_J6S3215_i20.dgn

8551 PAGE AVE
N/F
FREUND REAL ESTATE LLC
BK 12125 PG 1563
PARCEL ID# 16K520271
NO ACQUISITION

8543 PAGE AVE
N/F
USF PROPCO LLC
BK 17609 PG 2788
PARCEL ID# 16K540015
NO ACQUISITION

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 186+00.00

MATCHLINE STA. 191+00.00

REL. 2" SERVICE
EX 24" RCP (UIP)
EX 2" ST GAS (R&RELOC BO)
18" RCP
2-3 MH
60" DIA MANHOLE
2-4 DI
MOD X INLET
EX 24" RCP (UIP)
STA 186+10.36, SKEW 81°24'12"
60" DIA MANHOLE
2-2 MH
MOD X INLET
2-7 DI
15" RCP
POLE (DND)
EX 12" RCP (UIP)
EX 24" RCP (UIP)
REL. 8" SERVICE
15" RCP
MSD #UNK (DND)
2-31 MH
48" DIA MANHOLE
EX 24" RCP (UIP)
TBABO
18" RCP
MOD X INLET
2-5 DI
TBABO
EX CONC FLUME (R)
MSD #16K2-007S (DND)
POLE (DND)
EX 2" ST GAS (R&RELOC BO)
REGRADE TO EXIST R/W TO PROVIDE 1' MIN COVER OVER 24" RCP
2-30 FES
24" FES
24" RCP
LIMIT OF CONSTRUCTION
EXIST R/W
EX 4" ST GAS (R&RELOC BO)
2-8 DI
MOD X INLET
EXIST R/W
LIMIT OF CONSTRUCTION
TYPE 1 ROCK BLANKET 14'x6'x1' MIN. GEOTEXTILE PLACED UNDERNEATH EXTENTS. SEE STANARD PLAN 609.70 FOR MORE DETAILS.
℄ ROUTE D
16" WV (DND)
15" RCP
2-6 DI
MOD X INLET
2-9 DI
MOD X INLET
REL. HYDRANT
HYDRANT (TBABO)
MODOT PB (DND)
AT&T HH (ATG BO)
CHARTER HH
2-26 FES
24" FES
MSD #UNK (R)
190
24" RCP
18" RCP
POLE (DND)
EX BUS PAD (R)
EX BUS SHELTER (R&RELOC BO)
2-23 DI
2'X4' TYPE A
EXIST 15" CMP (R)
2-24 DI
2'X4' TYPE A
18" RCP
2-25 MH
60" DIA MANHOLE
TBABO
REL. MCI FO
MCI HH (DND)
MCI HH

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
	UTV	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	T	T	AT&T-d
	OT	OT	AT&T OVERHEAD
MEDIAN REMOVAL	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
SAWCUT (PARTIAL DEPTH)	W	W	MISSOURI AMERICAN WATER
		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

8544 PAGE AVE
N/F
KESSLER PAGE DEVELOPMENT
BK 11393 PG 1887
PARCEL ID# 16K520303
NO ACQUISITION

8530 PAGE AVE
N/F
LARSCO LLC
BK 22152 PG 1518
PARCEL ID# 16K520392
NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 186+00.00 TO STA. 191+00.00
SHEET 7 OF 27

081_DR_007_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE SHOWN ON THIS PAGE WERE AUTHORIZED BY THE SEAL AND DATE SHOWN ON THIS PAGE.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	81

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

CRYSTAL INDUSTRIAL COURT

LEGEND

PAVEMENT REMOVAL (SHOULDER)
PAVEMENT REMOVAL (DRIVEWAY)
SIDEWALK REMOVAL
MEDIAN REMOVAL
CURB REMOVAL
SAWCUT (PARTIAL DEPTH)
SAWCUT (FULL DEPTH)

PROP	EXIST	
~~FO1~~	FO1	MODOT
~~FO2~~	FO2	STL COUNTY TRANSPORTATION
~~FO3~~	FO3	MCI
~~FO4~~	FO4	LUMEN
~~UTV~~	UTV	CHARTER COMMUNICATIONS
~~T~~	T	AT&T-d
~~OT~~	OT	AT&T OVERHEAD
~~UE~~	UE	MODOT POWER SUPPLY
~~UE1~~	UE1	AMEREN MISSOURI
~~OE~~	OE	AMEREN OVERHEAD
~~W~~	W	MISSOURI AMERICAN WATER
	AW	ABANDONED MO AMERICAN WATER
~~G~~	G	SPIRE

DISCLAIMER
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8525 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

8531 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 415
PARCEL ID# 16K520435
NO ACQUISITION

8525 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

MATCHLINE STA. 191+00.00

EXIST R/W
18" RCP
REL. 8" MAIN
REL. 8" SERVICE
CABLE PB
EX 15" CMP (R)
MSD #UNK (R)
2-21 DI
2'X4' TYPE A
18" RCP
EX FES (R)
2-20 FES
18" FES
LIMIT OF CONSTRUCTION
EXIST R/W
TYPE A GUTTER
PP W/LIGHT
TBABO
2-23 DI
2'X4' TYPE A
TBABO
18" RCP
2-22 MH
60" DIA MANHOLE
TBABO
AT&T (DND)
GD (DND)
℄ ROUTE D
WV (DND)
WV (DND)
WV (ATG BO)
4" ST
8" ST
EXIST R/W
AT&T HH
ZAYO MH
LUMEN MH
LIMIT OF CONSTRUCTION
CHARTER HH (ATG BO)

MATCHLINE STA. 196+00.00

8518 PAGE AVE
N/F
DANCY FELIX
BK 20566 PG 5016
PARCEL ID# 16K520370
NO ACQUISITION

CRYSTAL COURT
2" ST

8514 PAGE AVE
N/F
BEGA EMMA N
BK 23215 PG 346
PARCEL ID# 16K520381
NO ACQUISITION

8510 PAGE AVE
N/F
GRAY PAINTING INC
BK 12783 PG 2277
PARCEL ID# 16K520237
NO ACQUISITION

8506 PAGE AVE
N/F
NOVA FOUNDATION THE
BK 18777 PG 1602
PARCEL ID# 16K610558
NO ACQUISITION

EXISTING R/W
EXISTING R/W

DRAINAGE PLAN SHEET
STA. 191+00.00 TO STA. 196+00.00
SHEET 8 OF 27

082_DR_008_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND WRITTEN SIGNATURE ON THIS DOCUMENT WERE AUTHENTICATED AND APPROVED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8.2

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

DISCLAIMER
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8501 PAGE AVE
N/F
ART MORTGAGE BORROWER
PROPCO 2010-5 LLC
BK 19296 PG 443
PARCEL ID# 16K630040
NO ACQUISITION

8449 PAGE AVE
N/F
ALBERTIN AUTO BODY AND COLLISION INC
BK 17859 PG 2247
PARCEL ID# 16K610570
NO ACQUISITION

MATCHLINE STA. 196+00.00

MATCHLINE STA. 201+00.00

MSD #UNK
MCI HH
AT&T HH
AMEREN MH #110
5' X 10' X 5"
(DND)
EX 36" RCP (UIP)
MSD #UNK
POLE (DND)
MODOT PB
(ATG)
EXIST R/W
LIMIT OF CONSTRUCTION
EX 36" RCP (UIP)
AMEREN (DND)
MSD #16K2-074D
TAP EXISTING
MANHOLE TO EAST
(ATG)
3-15 MH
60" DIA MANHOLE
MSD #16K2-091S
(ATG)
MSD #16K2-127S
MSD #16K2-122S
POLE (DND)
EX 15" RCP (UIP)
3-31 DI
MOD X INLET
15" RCP
EX 36" RCP (UIP)
18" RCP
3-27B DI
MOD X INLET
WV (DND)
℄ ROUTE D
TBABO
REL. 1" SERVICE
TBABO
MSD #16K2-110D
(REPLACE INLET TOP)
EX 24"X36" RCB (UIP)
STA 200+05.04. SKEW 76°56'39"
3-34B DI
MOD X INLET
15" RCP
GV (DND)
15" RCP
EX 36" RCP (UIP)
8" ST
LIMIT OF CONSTRUCTION
REL. 1" SERVICE
EXIST. UTILITY POLE AND RISER (DND)
EX 15" RCP (UIP)
CHARTER HH (ATG BO)
3-34 DI
MOD X INLET
CHARTER HH (DND)
EX 36" RCP (UIP)
3-39B DI
INLET WITH BASE EXTENSION
MCI HH
EXIST R/W
2" ST
CAROLYN PARK DRIVE

8500 PAGE AVE
N/F
TRUTH MINISTRIES INC
BK 17638 PG 0553
PARCEL ID# 16K520161
NO ACQUISITION

(2) VOID
N/F
BOSCHERT GERALD A
8496 PAGE AVE
LOC 16K610691

8470 PAGE AVE
N/F
ZACK7MOM LLC
BK 24292 PG 1705
PARCEL ID# 16K610514
NO ACQUISITION

5' EASEMENT (PB 39 PG 37)
30' BUILDING LINE (PB 39 PG 37)

8456 PAGE AVE
N/F
SYMON GOLD LLC
BK 24624 PG 4729
PARCEL ID# 16K610503
NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 196+00.00 TO STA. 201+00.00
SHEET 9 OF 27

083_DR_009_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8.3

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

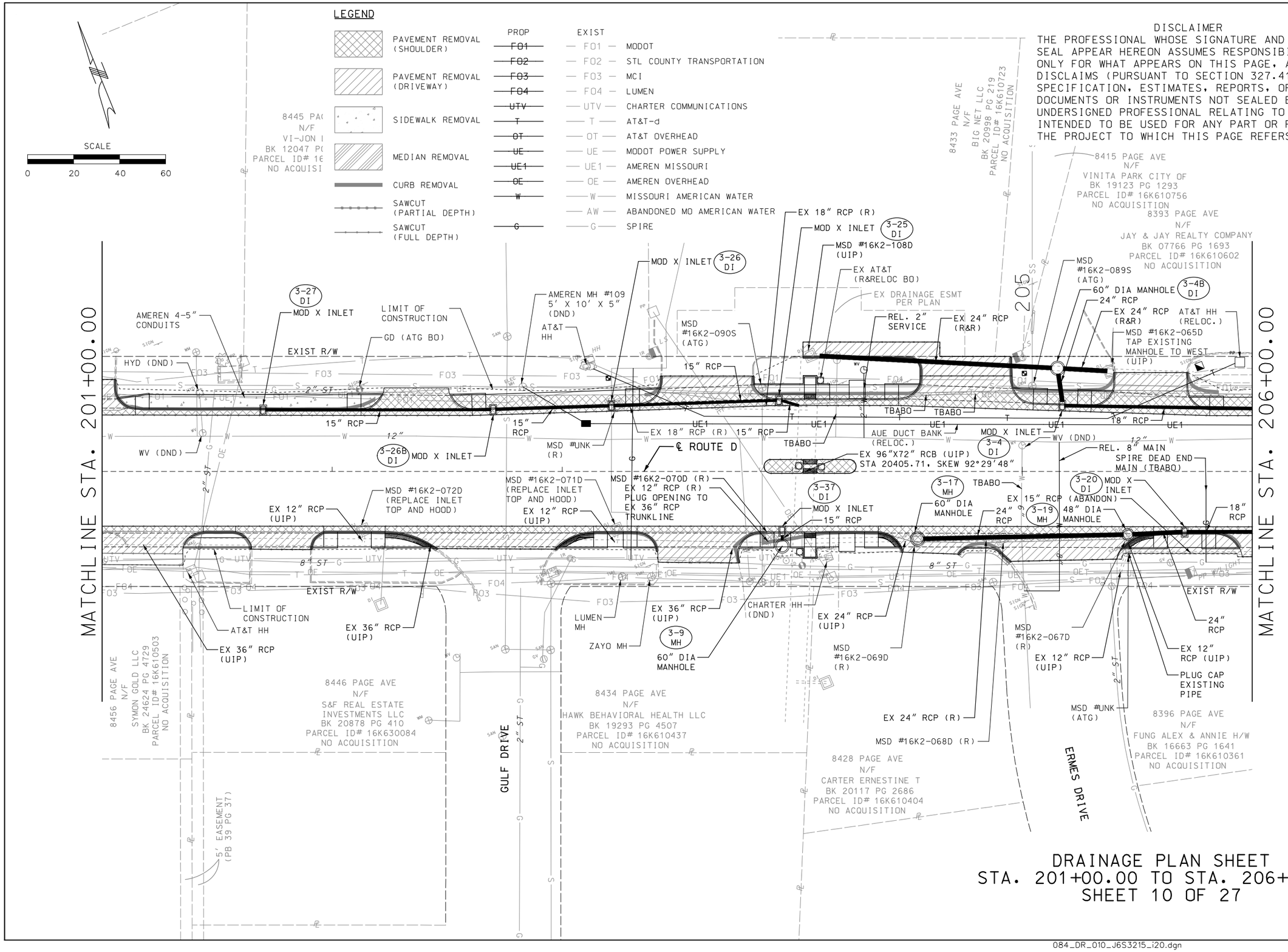
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



DRAINAGE PLAN SHEET
STA. 201+00.00 TO STA. 206+00.00
SHEET 10 OF 27

084_DR_010_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8-4

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	FO2	FO2	STL COUNTY TRANSPORTATION
	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

SCALE
0 20 40 60

DISCLAIMER

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8393 PAGE AVE
N/F
JAY & JAY REALTY COMPANY
BK 07766 PG 1693
PARCEL ID# 16K610602
NO ACQUISITION

8342 WASHINGTON ST
N/F
PISKULIC SAMUEL E
BK 15938 PG 0930
PARCEL ID# 16K621448
NO ACQUISITION

8340 WASHINGTON ST
N/F
FIELDS HELEN F
BK 22247 PG 875
PARCEL ID# 16K621459
NO ACQUISITION

8336 WASHINGTON ST
N/F
WILSON HERBERT L BARBARA A
BK 06703 PG 1311
PARCEL ID# 16K620513
NO ACQUISITION

20' BLDG LINE (PB 7 PG 32)

MATCHLINE STA. 206+00.00

MATCHLINE STA. 211+00.00

LIMIT OF CONSTRUCTION
MODOT PB (ATG)
TBABO
REL. 2" SERVICE
HYD (TBABO)
REL. HYD
AMEREN #108 5' X 10' X 5" (DND)
MSD #16K2-076S
3-5 DI MOD X INLET
3-7 DI MOD X INLET
EXIST R/W
18" RCP
12"
WV (DND)
3-6 DI MOD X INLET
15" RCP
AUE DUCT BANK (RELOC.)
℄ ROUTE D
3-21B DI MOD X INLET
MSD #UNK (R)
EX 12" RCP (R)
PLUG CAP EXISTING PIPE
3-22 DI MOD X INLET
MSD #UNK (R)
EX 15" RCP (UIP)
CONNECT EX 15" RCP (UIP) TO STRUCTURE 3-22
MSD #UNK (UIP)
3-23 DI MOD X INLET
REL. 1.5" SERVICE
EX 15" RCP (ABANDON)
REL. 1" SERVICE
3-21 DI
MOD X INLET
MSD #UNK (ABANDON)
REL. 8" MAIN
MSD #16K2-081S (ATG)
EX 15" RCP (ABANDON)
ATHERTON DRIVE
4" ST
8" ST
2" ST
210

8396 PAGE AVE
N/F
FUNG ALEX & ANNIE H/W
BK 16663 PG 1641
PARCEL ID# 16K610361
NO ACQUISITION

8390 PAGE AVE
N/F
NEW BIBLE DAYS COGIC I
BK 19830 PG 1136
PARCEL ID# 16K610668
NO ACQUISITION

8312 PAGE AVE
N/F
AMANO USA HOLDINGS INC
BK 17530 PG 4747
PARCEL ID# 16K621361
NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 206+00.00 TO STA. 211+00.00
SHEET 11 OF 27

085_DR_011_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ARE ELECTRONIC. SEALED AND DATED ON PAPER.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	85

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

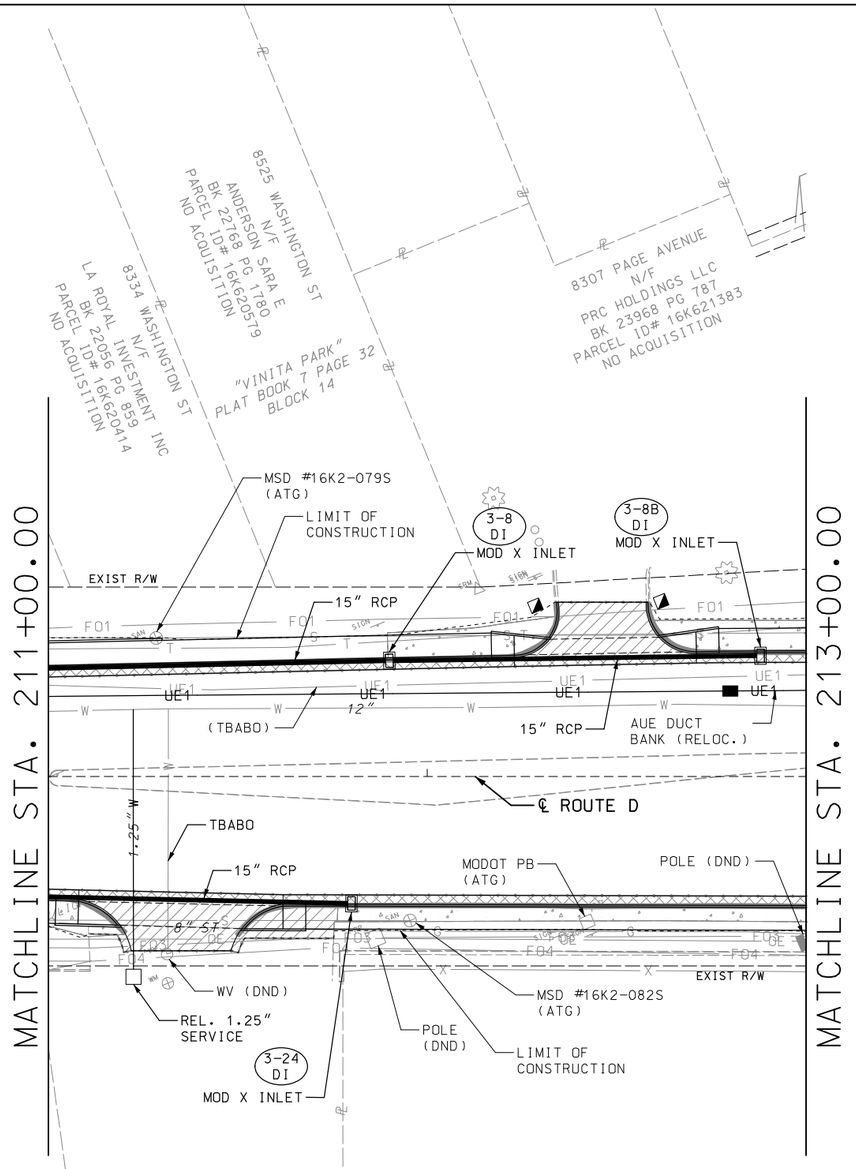
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DISCLAIMER

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DRAINAGE PLAN SHEET
STA. 211+00.00 TO STA. 213+00.00
SHEET 12 OF 27

086_DR_012_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8-6

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

MATCHLINE STA. 213+00.00

8307 PAGE AVENUE
N/F
PRC HOLDINGS LLC
BK 23968 PG 787
PARCEL ID# 16K621383
NO ACQUISITION

EXIST R/W

NORTH & SOUTH ROAD

EXIST R/W

8240 WASHINGTON ST
N/F
ST LOUIS COUNTY CATHOLIC
CHURCH REAL EST
BK 17765 PG 4123
PARCEL ID# 16K621394
NO ACQUISITION

DISCLAIMER
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HYD (DND)
LIMIT OF CONSTRUCTION
MSD #16K2-080S (ATG)
POLE (DND)
AT&T HH
MODOT PB (ATG)
MSD #16K2-197D (REPLACE INLET TOP AND HOOD)
MSD #16K2-198D (REPLACE INLET TOP AND HOOD)
POLE (DND)
MODOT PB (DND)
MSD #16K2-199D (ATG)
MSD #16K2-084S (ATG)
ABANDONED PB (R)
EX 10'W UNION ELEC ESMT BK 2846 PG 186
8229 PAGE AVE N/F APS REAL ESTATE SERVICES LLC BK 22116 PG 1364 PARCEL ID# 16K620371 NO ACQUISITION
WV (DND) (TBABO)
AUE DUCT BANK (RELOC.)
POLE (DND)
GV (DND)
MANHOLE COLLAR
POLE (DND)
AMEREN #107 5' X 10' X 5' (ATG BO)
GV (ATG BO)
MSD #16K2-200D (UIP)
WV (DND)
℄ ROUTE D
EXIST R/W
LIMIT OF CONSTRUCTION
GUY (R&RELOC BO)
GV (ATG BO)
POLE (DND)
GV (DND)
GV (ATG BO)
GUY (R&R BO TO PEDESTRIAN GUY)
LUMEN MH (DND)
ZAYO MH (ATG BO)
POLE (DND)
GUY (DND)
GUY (DND)
POLE (DND)
GUY (DND)
MCI HH (ATG BO)
ABANDONED PB (R)
AT&T HH (DND)
POLE (DND)
MODOT PB (ATG)
MSD #16K2-083S (ATG)
GV (ATG BO)
EXIST R/W
MATCHLINE STA. 218+00.00

1601 NORTH AND SOUTH RD
N/F
CHEVRA KADSH ADS
BNI ISRVYSHN CH ASN
BK 00538 PG 0057
PARCEL ID# 16K340970
NO ACQUISITION

NORTH & SOUTH ROAD

8240 PAGE AVE
N/F
J&M INDUSTRIES LLC
BK 17764 PG 1426
PARCEL ID# 16K621482
NO ACQUISITION

8224 PAGE AVE
N/F
LIDDELL DOROTHY L
BK 18848 PG 1780
PARCEL ID# 16K621316
NO ACQUISITION

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DRAINAGE PLAN SHEET
STA. 213+00.00 TO STA. 218+00.00
SHEET 13 OF 27

087_DR_013_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	87

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

8227 PAGE AVE
N/F
VINITA PARK CITY OF
BK 24237 PG 1
PARCEL ID# 16K620304
NO ACQUISITION

8221 PAGE AVE
N/F
TARSI ALYCIA
BK 23096 PG 1330
PARCEL ID# 16K620326
NO ACQUISITION

8217 PAGE AVE
N/F
NEWMAN WILLIAM J III
BK 21319 PG 573
PARCEL ID# 16K621426
NO ACQUISITION

8213 PAGE AVE
N/F
8213 PAGE TRUST
BK 19721 PG 726
PARCEL ID# 16K621437
NO ACQUISITION

SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION

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. 218+00.00

MATCHLINE STA. 221+00.00

220

AMEREN PB
(ATG BO)

MSD #16K2-085S
(ATG)

LIMIT OF
CONSTRUCTION

EXIST R/W

POLE
(DND)

MSD #16K2-201D
(UIP)

℄ ROUTE D

MSD #16K2-202D
(UIP)
SEE NOTE 1

PLANTER WALL
(R&R)

POLE (DND)

GV (ATG BO)

POLE (DND)

EXIST R/W

POLE (DND)

WV (ATG)

POLE (DND)

LIMIT OF
CONSTRUCTION

8224 PAGE AVE
N/F
LIDDELL DOROTHY L
BK 18848 PG 1780
PARCEL ID# 16K621316
NO ACQUISITION

8220 PAGE AVE
N/F
NORRIS TAMMY
BK 22954 PG 460
PARCEL ID# 16K621327
NO ACQUISITION

8214 PAGE AVE
N/F
HUDSON STREET
PROPERTIES
BK 24004 PG 61
PARCEL ID# 16K621338
NO ACQUISITION

8212 PAGE AVE
N/F
HUDSON STREET
PROPERTIES
BK 24004 PG 61
PARCEL ID# 16K620140
NO ACQUISITION

8210 PAGE AVE
N/F
BECTON ERIC A
BK 09011 PG 2354
PARCEL ID# 16K620151
NO ACQUISITION

8208 PAGE AVE
N/F
ROBERTS JOHNIE B &
DEMETRA TILLMAN H/W
BK 12154 PG 1749
PARCEL ID# 16K620162
NO ACQUISITION

LEGEND

	PAVEMENT REMOVAL (SHOULDER)
	PAVEMENT REMOVAL (DRIVEWAY)
	SIDEWALK REMOVAL
	MEDIAN REMOVAL
	CURB REMOVAL
	SAWCUT (PARTIAL DEPTH)
	SAWCUT (FULL DEPTH)

PROP	EXIST	
~~FO1~~	FO1	MODOT
~~FO2~~	FO2	STL COUNTY TRANSPORTATION
~~FO3~~	FO3	MCI
~~FO4~~	FO4	LUMEN
~~UTV~~	UTV	CHARTER COMMUNICATIONS
~~T~~	T	AT&T-d
~~OT~~	OT	AT&T OVERHEAD
~~UE~~	UE	MODOT POWER SUPPLY
~~UE1~~	UE1	AMEREN MISSOURI
~~OE~~	OE	AMEREN OVERHEAD
~~W~~	W	MISSOURI AMERICAN WATER
	AW	ABANDONED MO AMERICAN WATER
~~G~~	G	SPIRE

NOTE:

1. VERIFY FIELD CONDITIONS, IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 218+00.00 TO STA. 221+00.00
SHEET 14 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	88

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

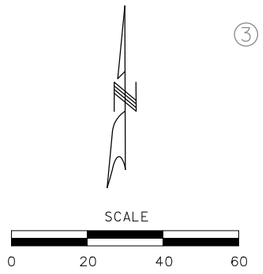
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

088_DR_014_J6S3215_i20.dgn

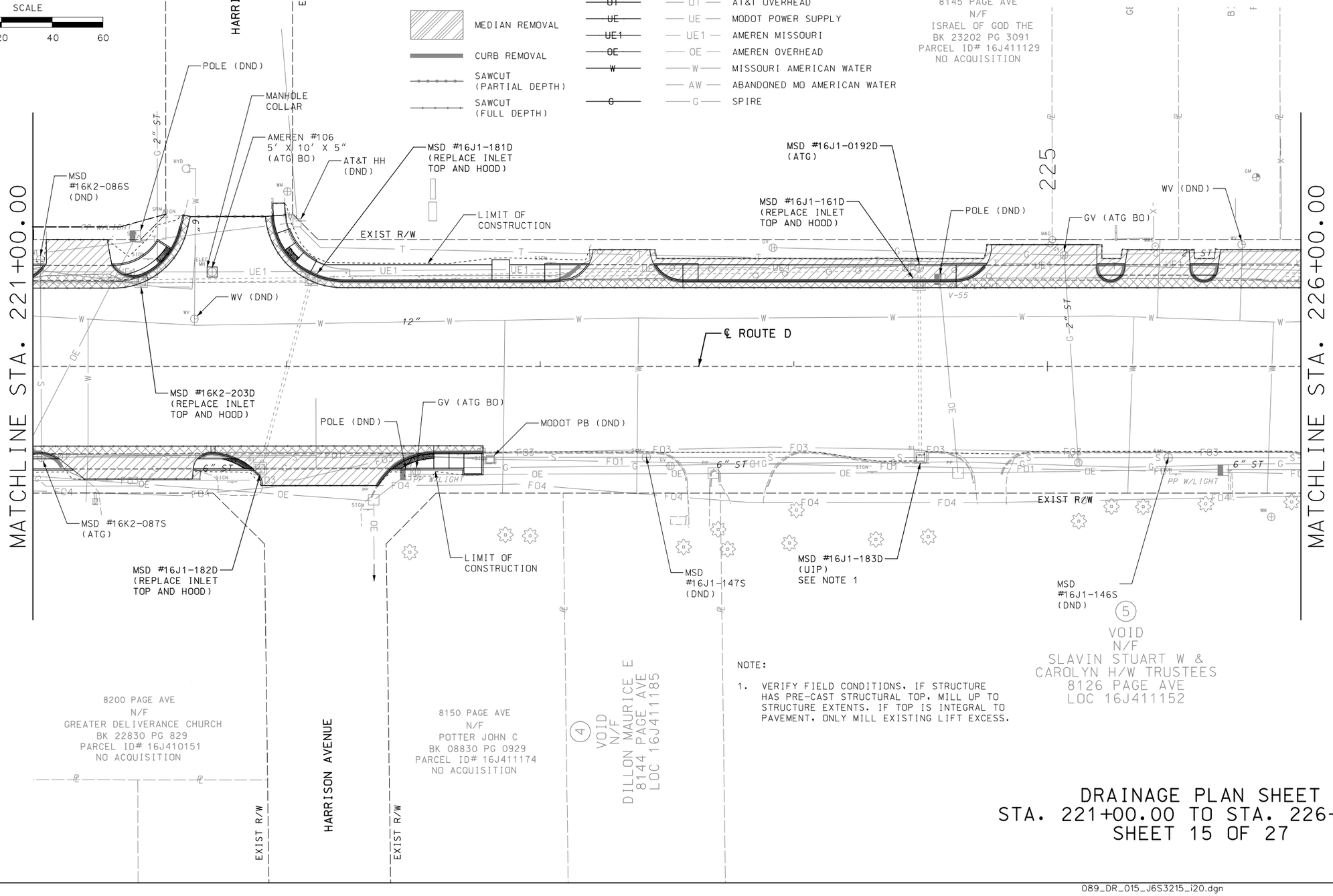


LEGEND

	PROP	EXIST
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1 MODOT
	FO2	FO2 STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3 MCI
	FO4	FO4 LUMEN
	UTV	UTV CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	T	T AT&T-d
	OT	OT AT&T OVERHEAD
MEDIAN REMOVAL	UE	UE MODOT POWER SUPPLY
	UE1	UE1 AMEREN MISSOURI
CURB REMOVAL	OE	OE AMEREN OVERHEAD
	W	W MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G SPIRE

DISCLAIMER

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NOTE:

1. VERIFY FIELD CONDITIONS. IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 221+00.00 TO STA. 226+00.00
SHEET 15 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING DIGITALLY SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8.9

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

089_DR_015_J6S3215_i20.dgn

SCALE

0 20 40 60

8123 PAGE AVE
N/F
OREILLY AUTOMOTIVE INC
BK 16043 PG 0762
PARCEL ID# 16J411141
NO ACQUISITION

8119 PAGE AVE
N/F
T&G PROPERTY MANAGEMENT LLC
BK 17832 PG 4155
PARCEL ID# 16J411130
NO ACQUISITION

"VINITA PARK"
PLAT BOOK 7 PAGE 32
BLOCK 16

MATCHLINE STA. 226+00.00

MATCHLINE STA. 228+50.00

MSD #16J1-151D
(REPLACE INLET TOP)

MSD #16J1-155D
(DND)

LIMIT OF
CONSTRUCTION

MSD #16J1-149D
(REPLACE INLET
TOP AND HOOD)

AT&T HH
(ATG BO)

POLE (DND)

EXIST R/W

℄ ROUTE D

MSD #16J1-150D
(REPLACE INLET TOP)

MSD #16J1-152D
(UIP)

MSD #16J1-0190D
(UIP)

MSD #16J1-153D
(UIP)

MSD #16J1-145S

LUMEN MH

ZAYO MH #UNK

EXIST R/W

⑥
VOID
N/F
JONES JOHNNIE LEE
8120 PAGE AVE
LOC 16J410041

⑦
VOID
N/F
T&J HOLDINGS LLC ETAL
8116 PAGE AVE
LOC 16J410085

⑧
VOID
N/F
T&J HOLDINGS LLC ETAL
8112 PAGE AVE
LOC 16J410139

8108 PAGE AVE
N/F
NEW TESTAMENT APOSTOLIC CHURCH INC
PARCEL ID# 16J410106
BK 11139 PG 2563
NO ACQUISITION

LEGEND

- PAVEMENT REMOVAL (SHOULDER)
- PAVEMENT REMOVAL (DRIVEWAY)
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB REMOVAL
- SAWCUT (PARTIAL DEPTH)
- SAWCUT (FULL DEPTH)

PROP	EXIST	
~~FO1~~	FO1	MODOT
~~FO2~~	FO2	STL COUNTY TRANSPORTATION
~~FO3~~	FO3	MCI
~~FO4~~	FO4	LUMEN
~~UTV~~	UTV	CHARTER COMMUNICATIONS
~~T~~	T	AT&T-d
~~OT~~	OT	AT&T OVERHEAD
~~UE~~	UE	MODOT POWER SUPPLY
~~UE1~~	UE1	AMEREN MISSOURI
~~OE~~	OE	AMEREN OVERHEAD
~~W~~	W	MISSOURI AMERICAN WATER
	AW	ABANDONED MO AMERICAN WATER
~~G~~	G	SPIRE

DISCLAIMER

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DRAINAGE PLAN SHEET
STA. 226+00.00 TO STA. 228+50.00
SHEET 16 OF 27

090_DR_016_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	90

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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.

SCALE
0 20 40 60

MATCHLINE STA. 228+50.00

MATCHLINE STA. 233+50.00

MIDLAND BOULEVARD

EXIST R/W

LAMB AVENUE

℄ ROUTE D

MSD #16J1-178D

MSD #16J1-179D (ATG)

MSD #16J1-165D (ATG)

EX COMMERCIAL SIGN (DND)

POLE (DND)

TCE

EX DRAIN (R&R)

HYD (DND)

AMEREN MH #105 5' X 10' X 5" (ATG BO)

LIMIT OF CONSTRUCTION

EX COMMERCIAL SIGN BASE (R)

EX POLE (R)

EX DRAIN (R&R)

EX POLE (R)

MSD #16J1-164D (ATG)

MSD #16J1-0200D (UIP)

DND, AMEREN & AT&T

EX LANDSCAPING (DND)

MSD #16J1-133D (R)

(10) N/F VINITA PARK CITY OF 8027 PAGE AVE LOC 16J410283

(11) N/F AMARS LLC 8015 PAGE AVE LOC 16J410195

EX COMMERCIAL SIGN BASE (R)

EX FENCE (DND)

AT&T HH (ATG BO)

EX COMMERCIAL SIGN (DND)

EX COMMERCIAL SIGN (R)

TCE

POLE (DND)

WM (ATG)

WV (ATG)

EX COMMERCIAL SIGN BASE (R)

WV (DND)

MANHOLE COLLAR

MSD #16J1-0195D (ATG)

MSD #16J1-121S (ATG)

4-1 DI INLET WITH BASE EXTENSION

AMEREN MH #104 5' X 10' X 5" (ATG BO)

AMEREN OH (R&RELOC BO)

MANHOLE COLLAR

MSD #16J1-122S (ATG)

MSD #UNK (REPLACE INLET TOP)

MSD #UNK (UIP)

ABANDONED PULLBOX (R)

POLE (DND)

AMEREN 6-5" CONDUITS

MODOT PB (ATG)

WV (ATG)

GV (ATG BO)

MSD #16J1-144S (ATG)

POLE (DND)

EXIST R/W

STUB POLE (R BO)

POLE (DND)

GV (ATG BO)

LIMIT OF CONSTRUCTION

MSD #16J1-166D

POLE (DND)

WV (ATG)

POLE (DND)

GV (ATG BO)

WM (DND)

TCE

AMEREN OH (R&RELOC BO)

POLE (DND)

AMEREN MH #103 (ATG BO)

STL COUNTY #UNK (ATG BO)

POLE (DND)

WV (ATG)

8100 PAGE AVE N/F NORFUL CAROLYN J BK 17145 PG 4423 PARCEL ID# 16J410096 NO ACQUISITION

(12) N/F LSA PAWN LLC 8060 PAGE AVE LOC 16J411107

(13) N/F UNION ELECTRIC COMPANY 8030 PAGE AVE LOC 16J410030

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
	~~UTV~~	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DRAINAGE PLAN SHEET
STA. 228+50.00 TO STA. 233+50.00
SHEET 17 OF 27

091_DR_017_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	91

COUNTY ST. LOUIS

JOB NO. J6S3215

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

MATCHL INE STA. 233+50.00

(14) N/F MIDWEST FUEL 2 INC 8001 PAGE AVE LOC 16J421063

(15) N/F MIDWEST ST. LOUIS LLC 7939 PAGE AVE 7905 PAGE AVE LOC 16J420259 LOC 16J421085

(16) N/F HOFFMAN 8000 PAGE LLC 8000 PAGE AVE LOC 16J421074

7960 PAGE AVE N/F AHMADI NASIR ETAL J/T BK 22004 PG 979 PARCEL ID# 16J420040 NO ACQUISITION

7956 PAGE AVE N/F AHMADI BASHER BK 23876 PG 1296 PARCEL ID# 16J420028 NO ACQUISITION

N. HANLEY ROAD

MATCHL INE STA. 238+00.00

DISCLAIMER
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LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
CURB REMOVAL	UE1	UE1	AMEREN MISSOURI
	OE	OE	AMEREN OVERHEAD
SAWCUT (PARTIAL DEPTH)	W	W	MISSOURI AMERICAN WATER
		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

DRAINAGE PLAN SHEET
STA. 233+50.00 TO STA. 238+00.00
SHEET 18 OF 27

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 1-SEP-2023
ROUTE D | STATE MO
DISTRICT SL | SHEET NO. 92
COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

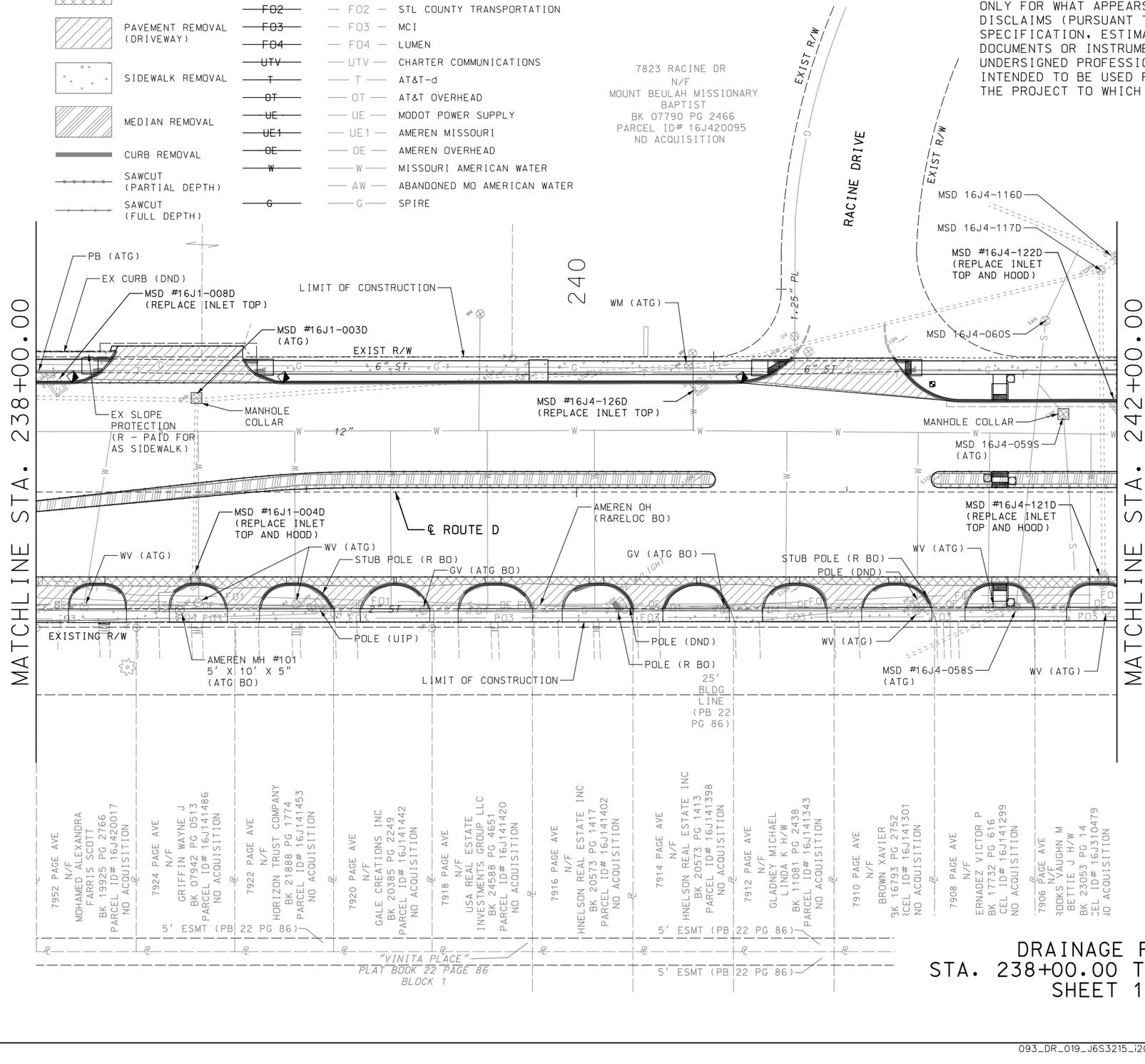
092_DR_018_J6S3215_i20.dgn

SCALE
0 20 40 60

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	FO2	FO2	STL COUNTY TRANSPORTATION
	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

DISCLAIMER
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DRAINAGE PLAN SHEET
STA. 238+00.00 TO STA. 242+00.00
SHEET 19 OF 27

093_DR_019_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	93

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

DISCLAIMER
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ARE ELECTRONIC. SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	94

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

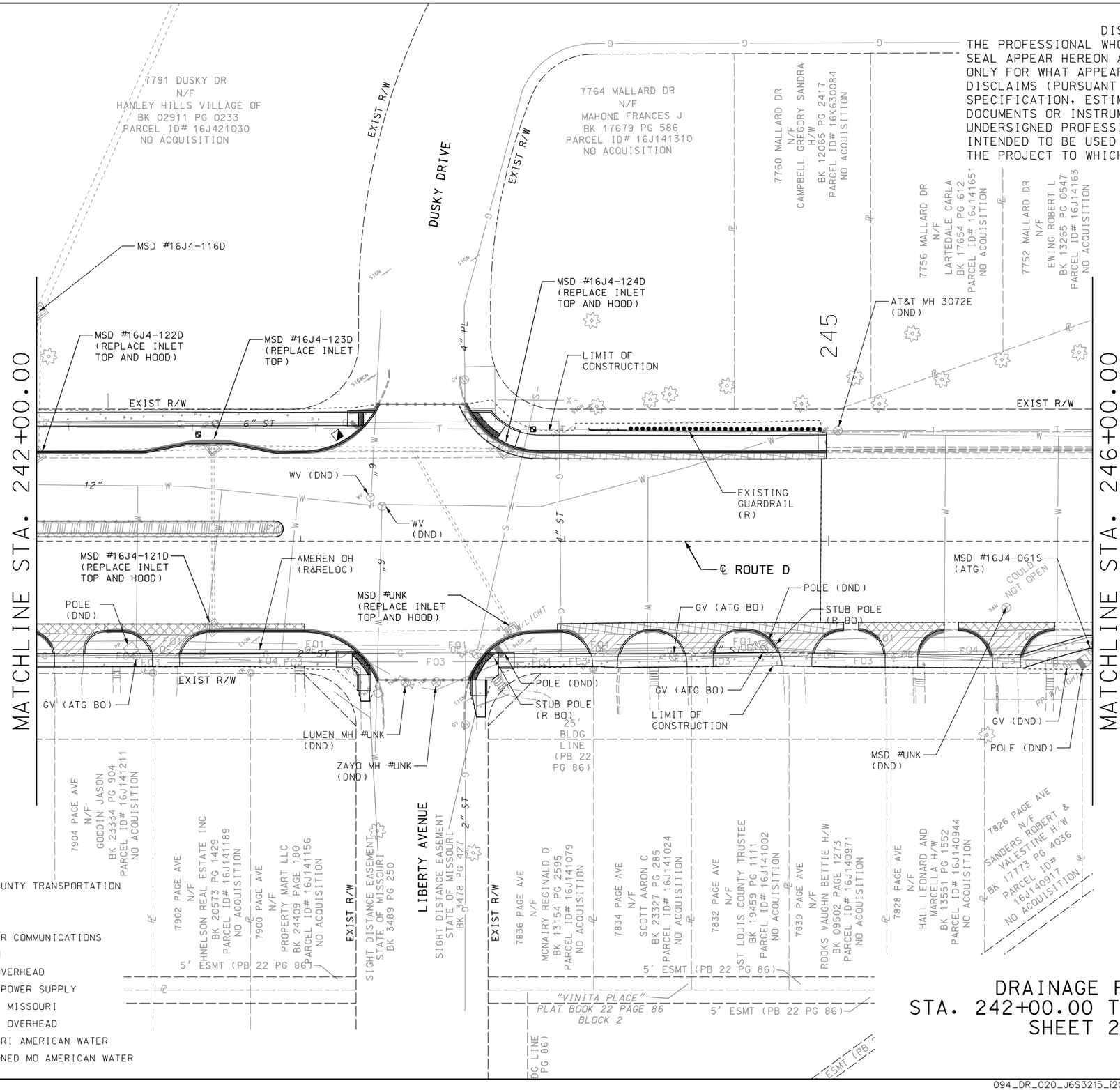
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MoDOT J6S3215 - ROUTE D PROJECT

LEGEND

- PAVEMENT REMOVAL (SHOULDER)
- PAVEMENT REMOVAL (DRIVEWAY)
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB REMOVAL
- SAWCUT (PARTIAL DEPTH)
- SAWCUT (FULL DEPTH)

PROP	EXIST	
FO1	FO1	MODOT
FO2	FO2	STL COUNTY TRANSPORTATION
FO3	FO3	MCI
FO4	FO4	LUMEN
UTV	UTV	CHARTER COMMUNICATIONS
T	T	AT&T-d
OT	OT	AT&T OVERHEAD
UE	UE	MODOT POWER SUPPLY
UE1	UE1	AMEREN MISSOURI
OE	OE	AMEREN OVERHEAD
W	W	MISSOURI AMERICAN WATER
	AW	ABANDONED MO AMERICAN WATER
G	G	SPIRE



DRAINAGE PLAN SHEET
STA. 242+00.00 TO STA. 246+00.00
SHEET 20 OF 27

094_DR_020_J6S3215_i20.dgn

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.

SCALE
0 20 40 60

7748 MALLARD DR
N/F
FRENCHIE TRACEY
BK 17076 PG 1666
PARCEL ID# 16J141695
NO ACQUISITION

7744 MALLARD DR
N/F
KOEHR PATRICIA J
BK 10136 PG 1041
PARCEL ID# 16J141684
NO ACQUISITION

7740 MALLARD DR
N/F
NUMBER ONE RENTALS LLC
BK 18897 PG 1394
PARCEL ID# 16J141673
NO ACQUISITION

7736 MALLARD DR
N/F
MCGEE GEORGIA M CLAUDE
H/H
BK 11686 PG 0422
PARCEL ID# 16J141662
NO ACQUISITION

7732 MALLARD DR
N/F
MANUEL VANNEATA M
BK 07658 PG 0354
PARCEL ID# 16J231202
NO ACQUISITION

ST. LOUIS AND BELT TERMINAL RAILROAD

EXIST R/W

STA. 246+00.00

STA. 251+00.00

250

AT&T MH 3072D
(DND)

MSD #16J4-103D
(UIP)

MSD #16J4-061S
(ATG)

℄ ROUTE D

MSD #16J4-032S
(DND)

DECORATIVE POLE (DND)

PB (ATG)

MODOT PB

10' BLDG LINE (PB/22 PG 86)

POLE (DND)

TCE

MCI HH

EXIST R/W

LIMIT OF CONSTRUCTION

LUMEN MH

MSD #16J4-104D
(DND)

ESMT (PB 22 PG 86)

17
N/F
JAMES QUEEN E TR
7824 PAGE AVE
LOC 16J140870

ST. LOUIS AND BELT TERMINAL RAILROAD
EXIST R/W

7812 PAGE AVE
N/F
HFL HOLDINGS LLC
BK - PG -
PARCEL ID# 16J140861
NO ACQUISITION

7808 PAGE AVE
N/F
WALTON LUSTER G HELEN H/W
BK 07422 PG 0581
PARCEL ID# 16J140661
NO ACQUISITION

1647 QUENDO AVE
N/F
TAYLOR SANDRA NOVELLA
BK 07388 PG 1785
PARCEL ID# 16J230377
NO ACQUISITION

LEGEND

	PROP	EXIST
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1 — MODOT
	FO2	FO2 — STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3 — MCI
	FO4	FO4 — LUMEN
	UTV	UTV — CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	T	T — AT&T-d
	OT	OT — AT&T OVERHEAD
MEDIAN REMOVAL	UE	UE — MODOT POWER SUPPLY
	UE1	UE1 — AMEREN MISSOURI
CURB REMOVAL	OE	OE — AMEREN OVERHEAD
	W	W — MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW — ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G — SPIRE

DRAINAGE PLAN SHEET
STA. 246+00.00 TO STA. 251+00.00
SHEET 21 OF 27

095_DR_021_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	95

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
	UTV	UTV	CHARTER COMMUNICATIONS
SIDEWALK REMOVAL	T	T	AT&T-d
	OT	OT	AT&T OVERHEAD
MEDIAN REMOVAL	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

SCALE
0 20 40 60

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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	96

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

7775 PAGE AVE
N/F
LENETTE REALTY & INVESTMENT COMPANY
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

7731 PAGE AVE
N/F
BHAKTA VASANT
BK 23105 PG 599
PARCEL ID# 16J231170
NO ACQUISITION

7717 PAGE AVE
N/F
MIRAN INVESTMENT
BK 07368 PG 1831
PARCEL ID# 16J231213
NO ACQUISITION

7707 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

MATCHLINE STA. 251+00.00

MATCHLINE STA. 256+00.00

EXIST R/W

MSD #16J4-101D
POLE (DND)
LIMIT OF CONSTRUCTION
MSD #16J4-038S
POLE (DND)
RISER (DND)
MSD #UNK (ATG)
MCI HH
GUY (DND)
MSD #16J4-107D (UIP)
GV (ATG BO)
℄ ROUTE D
DECORATIVE POLE (DND)
MSD #16J4-033S (DND)
MSD #UNK (UIP)
DECORATIVE POLE (DND)
DECORATIVE POLE (DND)
MSD #UNKNOWN (UIP)
MSD #16J4-105D (UIP)
PB (ATG)
POLE (DND)
PB (ATG)
PB (ATG)
MCI HH
MSD #16J4-034S
ZAYO MH
QUENDO AVENUE
EXIST R/W

7728 PAGE AVE
N/F
DURSO JOSEPH
BK 24080 PG 4389
PARCEL ID# 16J231192
NO ACQUISITION

7722 PAGE AVE
N/F
GUY BEY DORIAN
BK 13765 PG 2403
PARCEL ID# 16J230278
NO ACQUISITION

7720 PAGE AVE
N/F
DOWNING LEVON
BK 10633 PG 0068
PARCEL ID# 16J230267
NO ACQUISITION

7718 PAGE AVE
N/F
MMIT GROUP STL1 LLC
BK 23082 PG 1012
PARCEL ID# 16J230245
NO ACQUISITION

7716 PAGE AVE
N/F
JR SOD COMPANY
BK 11262 PG 2035
PARCEL ID# 16J230234
NO ACQUISITION

7710 PAGE AVE
N/F
JR SOD COMPANY
BK 10231 PG 0729
PARCEL ID# 16J231246
NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 251+00.00 TO STA. 256+00.00
SHEET 22 OF 27

096_DR_022_J6S3215_i20.dgn

SCALE
0 20 40 60

7701 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

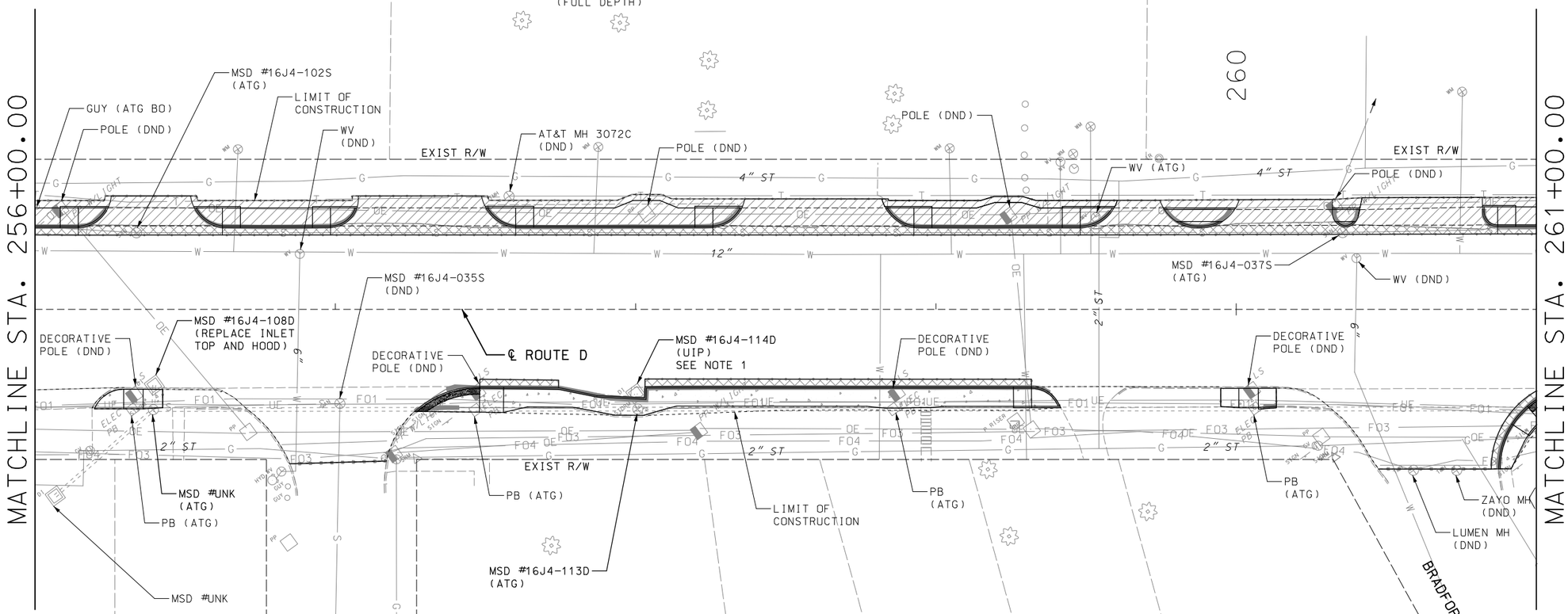
LEGEND

PAVEMENT REMOVAL (SHOULDER)
PAVEMENT REMOVAL (DRIVEWAY)
SIDEWALK REMOVAL
MEDIAN REMOVAL
CURB REMOVAL
SAWCUT (PARTIAL DEPTH)
SAWCUT (FULL DEPTH)

PROP	EXIST	
FO1	FO1	MODOT
FO2	FO2	STL COUNTY TRANSPORTATION
FO3	FO3	MCI
FO4	FO4	LUMEN
UTV	UTV	CHARTER COMMUNICATIONS
T	T	AT&T-d
OT	OT	AT&T OVERHEAD
UE	UE	MODOT POWER SUPPLY
UE1	UE1	AMEREN MISSOURI
OE	OE	AMEREN OVERHEAD
W	W	MISSOURI AMERICAN WATER
	AW	ABANDONED MO AMERICAN WATER
G	G	SPIRE

DISCLAIMER
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7601 PAGE AVE
N/F
SHERWIN WILLIAMS COMPANY
BK 10820 PG 1530
PARCEL ID# 16J231224
NO ACQUISITION



NOTE:
1. VERIFY FIELD CONDITIONS. IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 256+00.00 TO STA. 261+00.00
SHEET 23 OF 27

097_DR_023_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ARE ELECTRONIC. SEALED AND DATED ON PLANS.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	97

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

N/F
VISION REAL ESTATE LLC
BK 23086 PG 1173
PARCEL ID# 16J230113
NO ACQUISITION

SCALE
0 20 40 60

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
SIDEWALK REMOVAL	~~UTV~~	UTV	CHARTER COMMUNICATIONS
	~~T~~	T	AT&T-d
MEDIAN REMOVAL	~~OT~~	OT	AT&T OVERHEAD
	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

DISCLAIMER
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MATCHLINE STA. 261+00.00

POLE (DND)
HYD (DND)
WV (ATG)
WV (ATG)
EXIST R/W
4" ST
MSD #16J4-112D (UIP) SEE NOTE 1
WV (ATG)
℄ ROUTE D
DECORATIVE POLE (DND)
MSD #16J4-111D (UIP) SEE NOTE 1
PB (ATG)
MSD #16J4-110D (ATG)
MODOT PB
EXIST R/W
1614 BRADFORD AVE
N/F
DELESTE PROPERTIES LLC
BK 19727 PG 4700
PARCEL ID# 16J211545
NO ACQUISITION
BRADFORD AVENUE
EXIST R/W
7562 PAGE AVE
N/F
PAGEDALE CITY OF
BK 23053 PG 14
PARCEL ID# 16J310479
NO ACQUISITION
AT&T MH 3072 (DND)
LIMIT OF CONSTRUCTION
MSD #16J3-005S (ATG)
4" ST
12"
PB (ATG)
LIMIT OF CONSTRUCTION
MANHOLE COLLAR
MSD #UNK (ATG)
DECORATIVE POLE (DND)
PB (ATG)
PB (ATG)
MSD #UNK
2" ST
MSD #16J3-062D (UIP) SEE NOTE 1
EXIST R/W
WV (DND)
MSD #16J3-063D (UIP) SEE NOTE 1
MCI HH
MSD #16J3-008D (DND)
7538 PAGE AVE
N/F
PAGEDALE RHF HOUSING INC
BK 17758 PG 4231
PARCEL ID# 16J221193
NO ACQUISITION
FARIS AVENUE
EXIST R/W
2" ST
7550 PAGE AVE
N/F
PAGEDALE RHF HOUSING INC
BK 17758 PG 4231
PARCEL ID# 16J211590
NO ACQUISITION
MATCHLINE STA. 266+00.00

NOTE:

1. VERIFY FIELD CONDITIONS, IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 261+00.00 TO STA. 266+00.00
SHEET 24 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	98

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

098_DR_024_J6S3215_i20.dgn

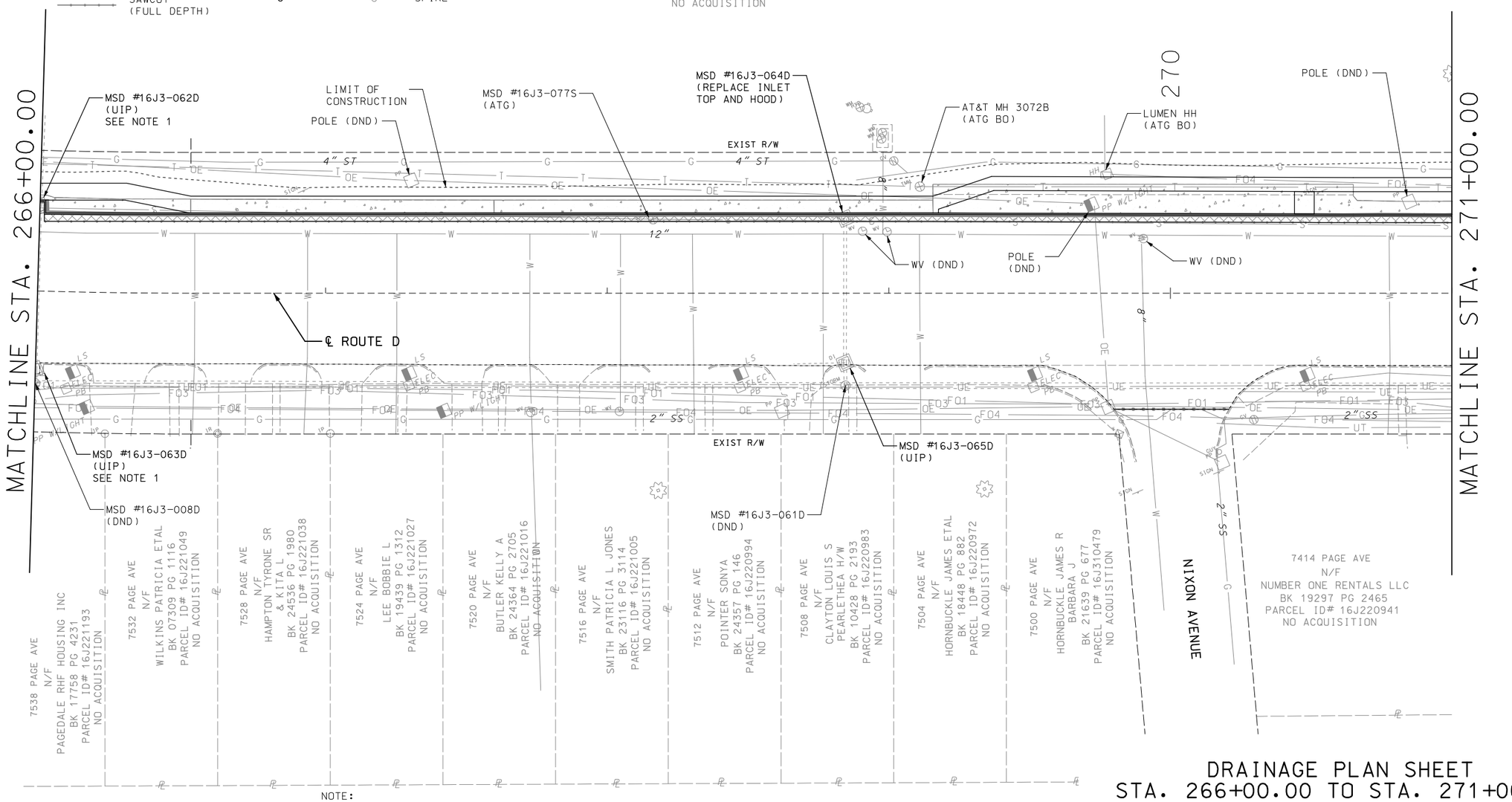
LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	~~FO1~~	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	~~FO2~~	FO2	STL COUNTY TRANSPORTATION
	~~FO3~~	FO3	MCI
	~~FO4~~	FO4	LUMEN
SIDEWALK REMOVAL	~~UTV~~	UTV	CHARTER COMMUNICATIONS
	~~T~~	T	AT&T-d
	~~OT~~	OT	AT&T OVERHEAD
MEDIAN REMOVAL	~~UE~~	UE	MODOT POWER SUPPLY
	~~UE1~~	UE1	AMEREN MISSOURI
CURB REMOVAL	~~OE~~	OE	AMEREN OVERHEAD
	~~W~~	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	~~G~~	G	SPIRE

SCALE
0 20 40 60

DISCLAIMER
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7227 PAGE AVE
N/F
AMERICAN STERILIZER COMPANY
BK 13201 PG 2447
PARCEL ID# 16J221269
NO ACQUISITION



NOTE:

1. VERIFY FIELD CONDITIONS, IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 266+00.00 TO STA. 271+00.00
SHEET 25 OF 27

099_DR_025_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	99

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
	FO2	FO2	STL COUNTY TRANSPORTATION
PAVEMENT REMOVAL (DRIVEWAY)	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
CURB REMOVAL	UE1	UE1	AMEREN MISSOURI
	OE	OE	AMEREN OVERHEAD
SAWCUT (PARTIAL DEPTH)	W	W	MISSOURI AMERICAN WATER
		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

DISCLAIMER

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SCALE 0 20 40 60

MATCHLINE STA. 271+00.00

MATCHLINE STA. 276+00.00

LIMIT OF CONSTRUCTION

MSD #16J3-070S (ATG)

GUY (ATG BO)

POLE (DND)

PP W/LIGHT

POLE (DND)

STUB POLE (R BO)

MSD #16J3-058D (UIP) SEE NOTE 1

EXIST R/W

EX OH ELECTRIC (R&RELOC BO)

MANHOLE COLLAR

℄ ROUTE D

WV (DND)

CHARTER HH (ATG BO)

PEDESTRIAN GUY (R&RELOC BO)

LUMEN HH (ATG BO)

EX GAS (R&RELOC BO)

POLE (DND)

GV (ATG BO)

AT&T MH 3072A (ATG BO)

POLE (DND)

GUY (R&RELOC BO TO PEDESTRIAN GUY)

LUMEN HH (ATG BO)

MSD #16J3-051D (UIP) SEE NOTE 1

MANHOLE COLLAR

MSD #16J3-063S (ATG)

POLE (DND)

GUY (ATG BO)

MSD #16J3-048D (ATG)

DECORATIVE POLE (DND)

PB (ATG)

CHARTER HH (DND)

EXIST R/W

MSD #16J3-057D (UIP) SEE NOTE 1

MANHOLE COLLAR

MSD #16J3-050D (UIP) SEE NOTE 1

MSD #16J3-049D (ATG)

MCI HH

LIMIT OF CONSTRUCTION

WV (ATG)

AT&T #3072 (DND & INSTALL MANHOLE COLLAR)

MSD #16J3-056D (DND)

MSD #16J3-054D

LUMEN MH

MSD #16J3-015C

MSD #16J3-0142D

ZAYO MH

MSD #16J3-016C

PARTRIDGE AVENUE

7400 PAGE AVE
N/F
CHURCH OF JESUS CHRIST LATTERDAY STS
BK 21639 PG 677
PARCEL ID# 16J310479
NO ACQUISITION

7240 PAGE AVE
N/F
CONNER JULIUS RUSSELL JR & ROBIN H/W
BK 17001 PG 0106
PARCEL ID# 16J220785
NO ACQUISITION

7228 PAGE AVE
N/F
SANDRICH INC
BK 19359 PG 3083
PARCEL ID# 16J220741
NO ACQUISITION

NOTE:

1. VERIFY FIELD CONDITIONS, IF STRUCTURE HAS PRE-CAST STRUCTURAL TOP, MILL UP TO STRUCTURE EXTENTS. IF TOP IS INTEGRAL TO PAVEMENT, ONLY MILL EXISTING LIFT EXCESS.

DRAINAGE PLAN SHEET
STA. 271+00.00 TO STA. 276+00.00
SHEET 26 OF 27

100_DR_026_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	100

COUNTY ST. LOUIS

JOB NO. J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

LEGEND

	PROP	EXIST	
PAVEMENT REMOVAL (SHOULDER)	FO1	FO1	MODOT
PAVEMENT REMOVAL (DRIVEWAY)	FO2	FO2	STL COUNTY TRANSPORTATION
	FO3	FO3	MCI
	FO4	FO4	LUMEN
SIDEWALK REMOVAL	UTV	UTV	CHARTER COMMUNICATIONS
	T	T	AT&T-d
MEDIAN REMOVAL	OT	OT	AT&T OVERHEAD
	UE	UE	MODOT POWER SUPPLY
	UE1	UE1	AMEREN MISSOURI
CURB REMOVAL	OE	OE	AMEREN OVERHEAD
	W	W	MISSOURI AMERICAN WATER
SAWCUT (PARTIAL DEPTH)		AW	ABANDONED MO AMERICAN WATER
SAWCUT (FULL DEPTH)	G	G	SPIRE

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. 276+00.00

EXIST R/W
POLE (DND)
LIMIT OF CONSTRUCTION
POLE (DND)
MSD #16J3-046D (REPLACE INLET TOP)
GUY (ATG BO)
POLE (DND)
MSD #16J3-0184S
MSD #16J3-0151S
MSD #16J3-019C
MSD #UNK
MSD #16J3-053S
1.25" PL
12"
WV (DND)
℄ ROUTE D
END PROJECT STA. 279+50.00
MSD #16J3-045D (REPLACE INLET TOP AND HOOD)
DECORATIVE POLE (DND)
MANHOLE COLLAR
DECORATIVE POLE (DND)
PB (ATG)
4" ST
2" SS
EXIST R/W
LIMIT OF CONSTRUCTION
MSD #16J3-043D (ATG)
MSD #16J3-018C (ATG)
MSD #16J3-044D
MSD #16J3-038D
MSD #UNK
MSD #16J3-017C
VERL PLACE
IONA AVENUE

BK 12519 PG 1726 PARCEL ID# 16J220730 NO ACQUISITION
SANDRICH INC N/F 7226 PAGE AVE
BELL VIRGINIA N/F 7224 PAGE AVE BK 17208 PG 1130 PARCEL ID# 16J220712 NO ACQUISITION
GERBER ERIC A & HERAMATI T/E N/F 7220 PAGE AVE BK 23970 PG 1662 PARCEL ID# 16J220675 NO ACQUISITION
DAVENPORT INVESTMENTS LLC N/F 7218 PAGE AVE BK 22494 PG 2834 PARCEL ID# 16J220653 NO ACQUISITION
WHITE CURTIS N/F 7216 PAGE AVE BK 1509 PG 3146 PARCEL ID# 16J220602 NO ACQUISITION
PAGEDALE CITY OF N/F 7214 PAGE AVE BK 20061 PG 1355 PARCEL ID# 16J220576 NO ACQUISITION
ST LOUIS COUNTY TRUSTEE N/F 7212 PAGE AVE BK 18877 PG 1907 PARCEL ID# 16J310457 NO ACQUISITION
CRAWLEY LOU ETAL N/F 7210 PAGE AVE BK 14136 PG 2519 PARCEL ID# 16J310446 NO ACQUISITION
ZUNIGA AMULFO ESPINO N/F 7208 PAGE AVE BK 20740 PG 219 PARCEL ID# 16J310413 NO ACQUISITION

DRAINAGE PLAN SHEET
STA. 276+00.00 TO END PROJECT
SHEET 27 OF 27

101_DR_027_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	101

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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.

SCALE
0 20 40 60

EXISTING R/W
WALTON ROAD
EXISTING R/W
SANDBLASTING FACILITY ROAD
℄ ROUTE D
LIMIT OF CONSTRUCTION
CURB INLET CHECK STA 182+38.20
INLET BASKET STA 182+92.58
EXISTING R/W
+04.50 49.68' LT
+46.99 43.20' LT
+64.83 43.17' LT
+63.52 74.96' LT
+73.59 52.53' LT
+90.61 49.70' LT
CURB INLET CHECK STA 181+56.10
CURB INLET CHECK STA 182+38.19
RELOCATE INLET CHECK
CURB INLET CHECK STA 181+15.07
CURB INLET CHECK STA 181+70.50
CURB INLET CHECK STA 182+55.83
+02.67 39.98' RT
ROCK DITCH CHECK STA 180+02.17
LIMIT OF CONSTRUCTION
+28.39 61.25' RT
+54.74 68.34' RT
+04.86 47.50' RT
+03.40 50.81' RT
LIMIT OF CONSTRUCTION
+61.35 68.46' RT
EXISTING R/W
EXISTING R/W
WALTON ROAD
EXISTING R/W
MATCHLINE STA. 183+00.00

TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼—▼	SILT FENCE

NOTES:

1. RELOCATING CURB INLET CHECKS IS CONSIDERED INCIDENTAL TO THE PROJECT AND WILL HAVE NO DIRECT PAYMENT.
2. FOR INLETS LOCATED IN DRIVEWAYS THAT CANNOT OTHERWISE BE PROTECTED WITH INLET CHECKS, INLET BASKETS ARE TO BE SOURCED AND APPROVED BY OWNER.
   A. AN INLET FILTER BASKET SHALL BE INSTALLED WHERE SHOWN IN THE PLANS FOR OPEN FRAME STRUCTURES AND SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
   B. THE INLET BASKET SHALL BE CLEANED ON A WEEKLY BASIS AND AFTER ANY RAINFALL EVENT.
   C. PRODUCT SHALL BE CAPABLE OF FILTERING FLOW VOLUME AS SHOWN FOR THE 25-YEAR DISCHARGE SHOWN IN THE CULVERT SHEET.
   D. INLET FILTER BASKETS SHALL CONFORM, IN GENERAL, TO SECTION 806 OF THE LATEST VERSION OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
   E. INLET BASKETS ARE CONSIDERED INCIDENTAL TO THE PROJECT. NO DIRECT PAYMENT.

EROSION CONTROL SHEET
STA. 178+50.00 TO STA. 183+00.00
SHEET 1 OF 23

102_EC_001_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	102

COUNTY
ST. LOUIS
JOB NO.
J6S3215
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

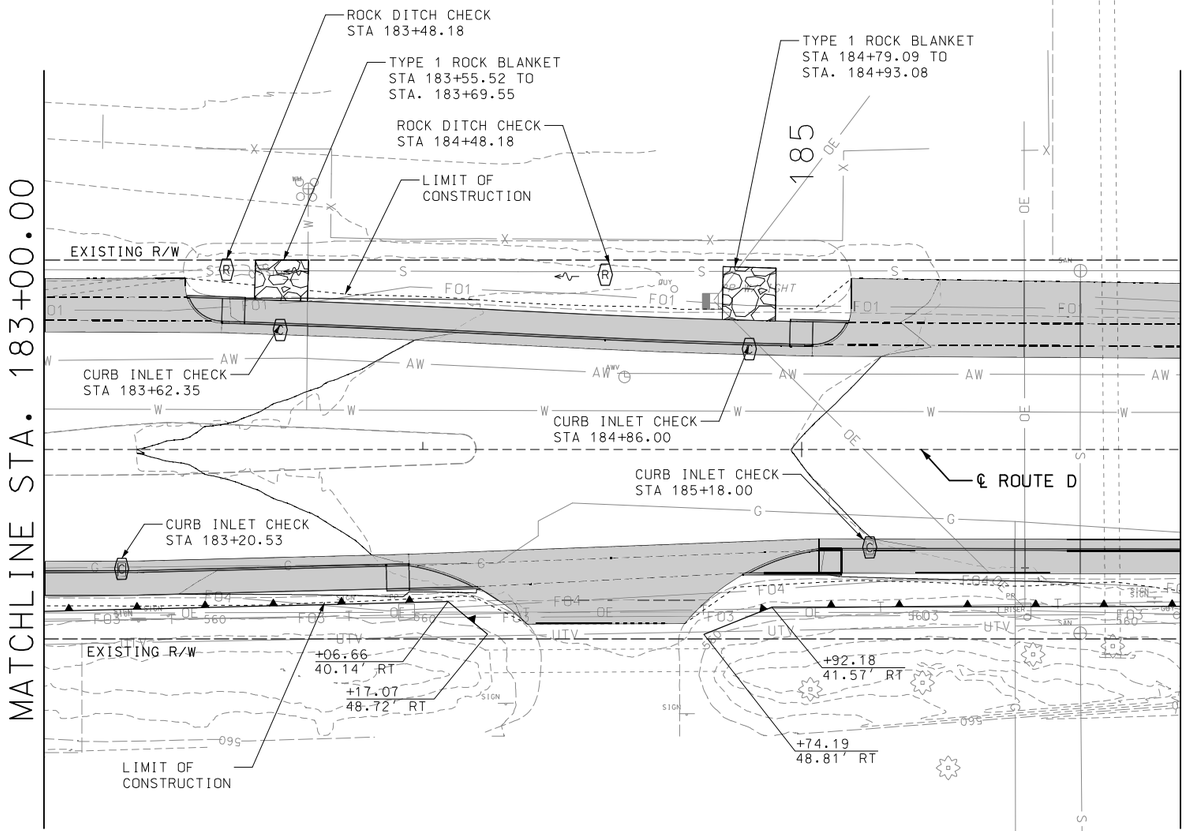
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼——▼	SILT FENCE

DISCLAIMER

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EROSION CONTROL SHEET
STA. 183+00.00 TO STA. 186+00.00
SHEET 2 OF 23

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	103

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

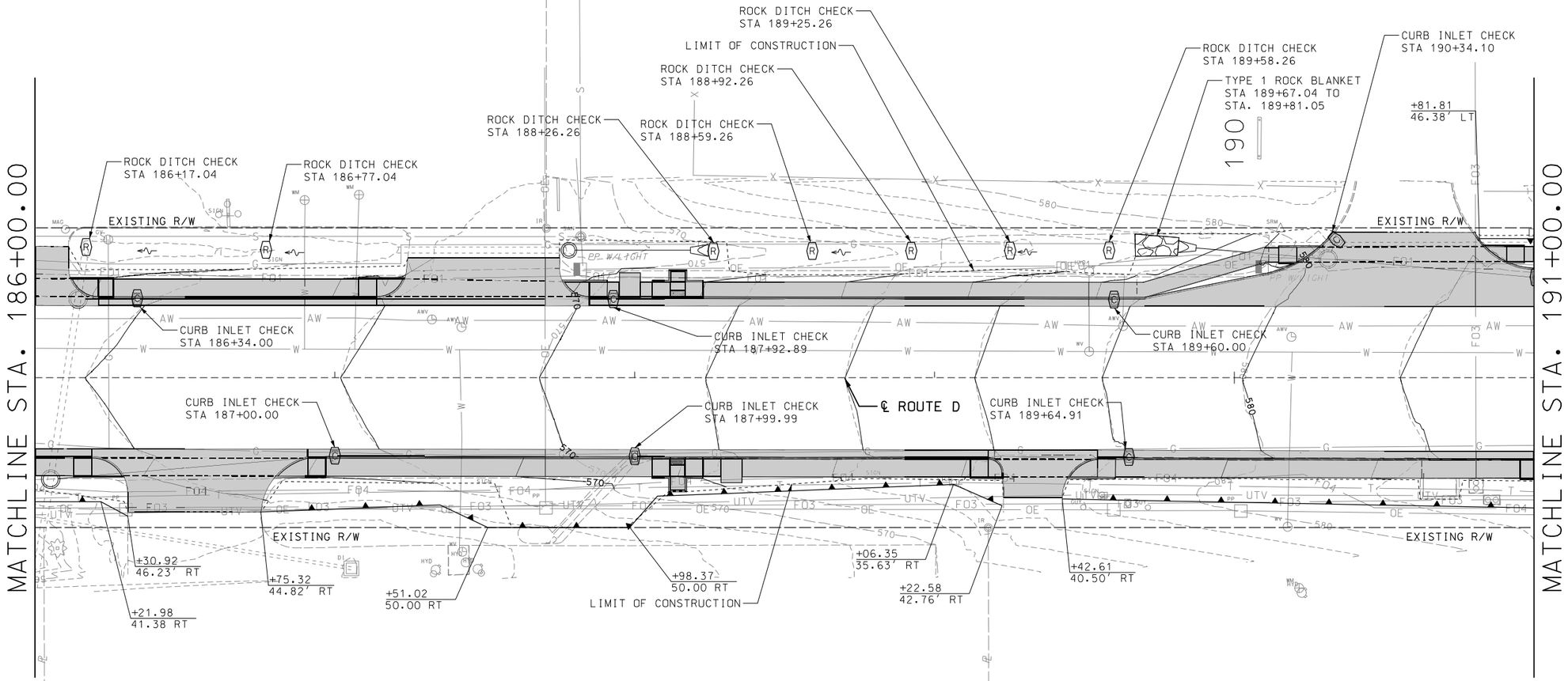
103_EC_002_J6S3215_i20.dgn

SCALE

0 20 40 60

DISCLAIMER

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 186+00.00 TO STA. 191+00.00
SHEET 3 OF 23

104_EC_003_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET ARE AUTHENTIC

DATE PREPARED 13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	104

COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER

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SCALE
0 20 40 60

CRYSTAL INDUSTRIAL COURT

EXISTING R/W

EXISTING R/W

MATCHLINE STA. 191+00.00

MATCHLINE STA. 196+00.00

+19.61
46.49' LT

+69.68
49.09' LT

+05.71
46.05' LT

ROCK DITCH CHECK
STA 192+74.01

LIMIT OF
CONSTRUCTION

CURB INLET CHECK
STA 195+25.82

CURB INLET CHECK
STA 191+00.58

CURB INLET CHECK
STA 192+05.71

℄ ROUTE D

+12.34
43.72' RT

+86.98
43.84' RT

+68.54
40.01' RT

+78.56
38.12' RT

+00.14
38.85' RT

LIMIT OF
CONSTRUCTION

CRYSTAL COURT

EXISTING R/W

EXISTING R/W

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 191+00.00 TO STA. 196+00.00
SHEET 4 OF 23

105_EC_004_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	105

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 196+00.00

MATCHLINE STA. 201+00.00

LIMIT OF CONSTRUCTION

ROCK DITCH CHECK STA 197+31.21
ROCK DITCH CHECK STA 197+56.21
ROCK DITCH CHECK STA 197+82.64
ROCK DITCH CHECK STA 198+08.28
ROCK DITCH CHECK STA 198+36.61
ROCK DITCH CHECK STA 198+63.61
ROCK DITCH CHECK STA 198+90.61
ROCK DITCH CHECK STA 199+17.61
ROCK DITCH CHECK STA 199+44.61
ROCK DITCH CHECK STA 199+71.61
ROCK DITCH CHECK STA 199+98.61

CURB INLET CHECK STA 196+46.00
CURB INLET CHECK STA 198+30.00
CURB INLET CHECK STA 199+19.17
INLET BASKET STA 199+88.97
CURB INLET CHECK STA 200+37.00
CURB INLET CHECK STA 200+55.43

℄ ROUTE D

EXISTING R/W

LIMIT OF CONSTRUCTION

(2) VOID
N/F
BOSCHERT GERALD A
8496 PAGE AVE
LOC 16K610691

CAROLYN PARK DRIVE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 196+00.00 TO STA. 201+00.00
SHEET 5 OF 23

106_EC_005_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	106

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

DISCLAIMER
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MATCHLINE STA. 201+00.00

MATCHLINE STA. 206+00.00

CURB INLET CHECK STA 202+70.00
LIMIT OF CONSTRUCTION
CURB INLET CHECK STA 204+07.89
ROCK DITCH CHECK STA 205+76.09
+95.47 49.41' LT
+13.39 49.78' LT
+95.51 43.13' LT
+14.25 40.54' LT
+86.41 48.04' LT
+52.24 48.46' LT
EXISTING R/W
CURB INLET CHECK STA 201+70.00
CURB INLET CHECK STA 203+21.40
RELOCATE INLET CHECK
℄ ROUTE D
CURB INLET CHECK STA 203+94.25
CURB INLET CHECK STA 205+41.04
CURB INLET CHECK STA 205+17.37
CURB INLET CHECK STA 202+13.65
CURB INLET CHECK STA 203+23.82
CURB INLET CHECK STA 203+95.60
RELOCATE INLET CHECK
INLET BASKET STA 204+54.47
INLET BASKET STA 204+90.83
CURB INLET CHECK STA 205+70.57
+77.23 42.74' RT
+20.20 42.48' RT
LIMIT OF CONSTRUCTION
INLET BASKET STA 205+45.96
EXISTING R/W
GULF DRIVE
ERMES DRIVE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 201+00.00 TO STA. 206+00.00
SHEET 6 OF 23

107_EC_006_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	107

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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. 206+00.00

MATCHLINE STA. 211+00.00

ROCK DITCH CHECK STA 206+06.09
ROCK DITCH CHECK STA 206+36.09
ROCK DITCH CHECK STA 206+66.09
ROCK DITCH CHECK STA 206+96.09
ROCK DITCH CHECK STA 207+26.09
ROCK DITCH CHECK STA 207+56.09
CURB INLET CHECK STA 206+64.99
CURB INLET CHECK STA 208+10.00
CURB INLET CHECK STA 207+05.97
CURB INLET CHECK STA 207+74.69
INLET BASKET STA 207+89.17
℄ ROUTE D
CURB INLET CHECK STA 208+94.61
CURB INLET CHECK STA 209+98.55
CURB INLET CHECK STA 210+65.00
LIMIT OF CONSTRUCTION
LIMIT OF CONSTRUCTION
EXISTING R/W
ATHERTON DRIVE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 206+00.00 TO STA. 211+00.00
SHEET 7 OF 23

108_EC_007_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	108

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

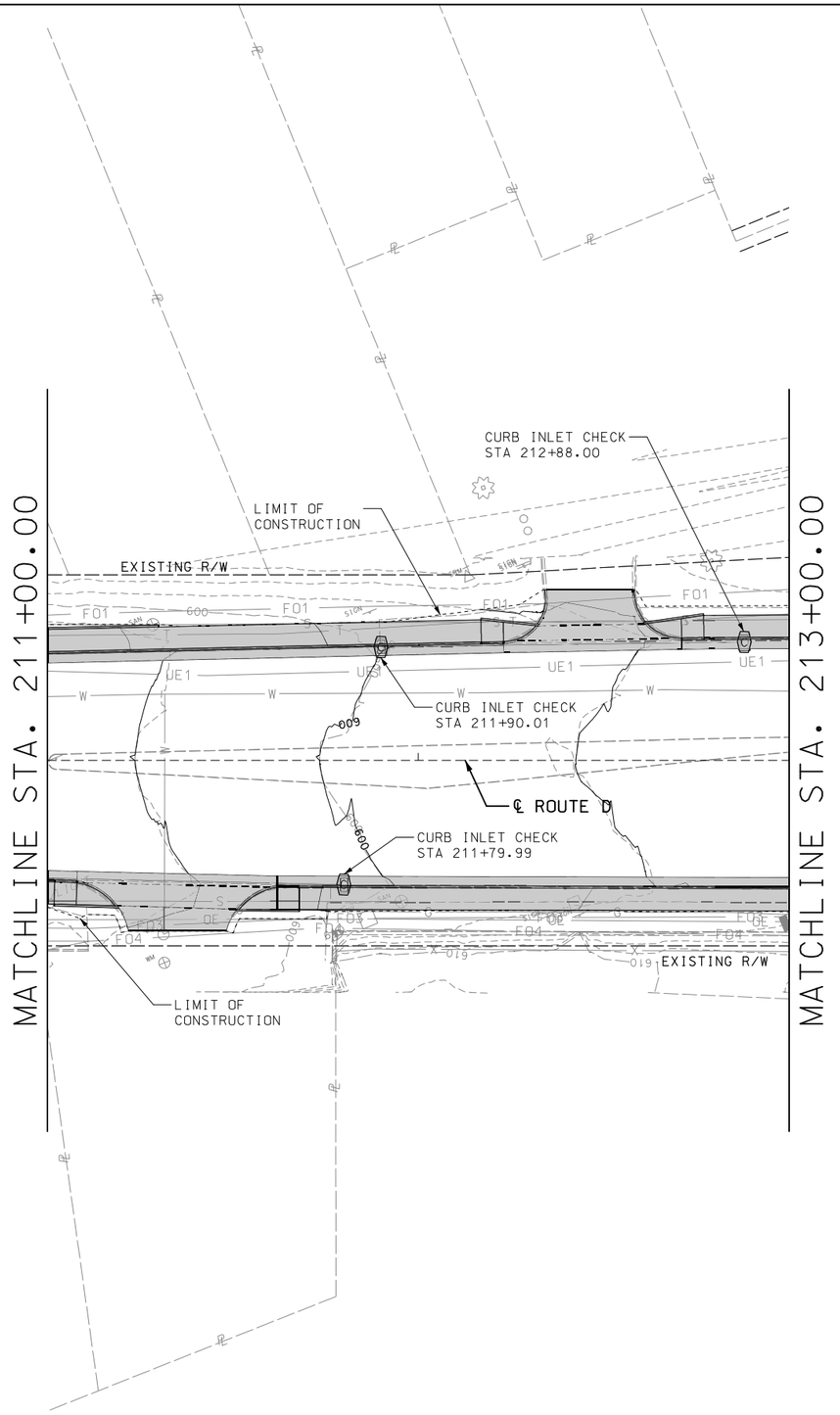
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼——▼	SILT FENCE

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.

EROSION CONTROL SHEET
STA. 211+00.00 TO STA. 213+00.00
SHEET 8 OF 23

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	109

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 213+00.00

EXISTING R/W

LIMIT OF CONSTRUCTION

CURB INLET CHECK
STA 214+90.88

NORTH & SOUTH ROAD

CURB INLET CHECK
STA 215+41.63

LIMIT OF CONSTRUCTION

EXISTING R/W

℄ ROUTE D

CURB INLET CHECK
STA 217+66.26

MATCHLINE STA. 218+00.00

LIMIT OF CONSTRUCTION

EXISTING R/W

+77.73
45.44' RT

+56.71
64.89' RT

+38.98
68.01' RT

NORTH & SOUTH ROAD

TEMPORARY EROSION CONTROL LEGEND

A	ALTERNATE DITCH CHECK
C	CURB INLET CHECK
R	ROCK DITCH CHECK
	SILT FENCE

EROSION CONTROL SHEET
STA. 213+00.00 TO STA. 218+00.00
SHEET 9 OF 23

110_EC_009_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	110

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

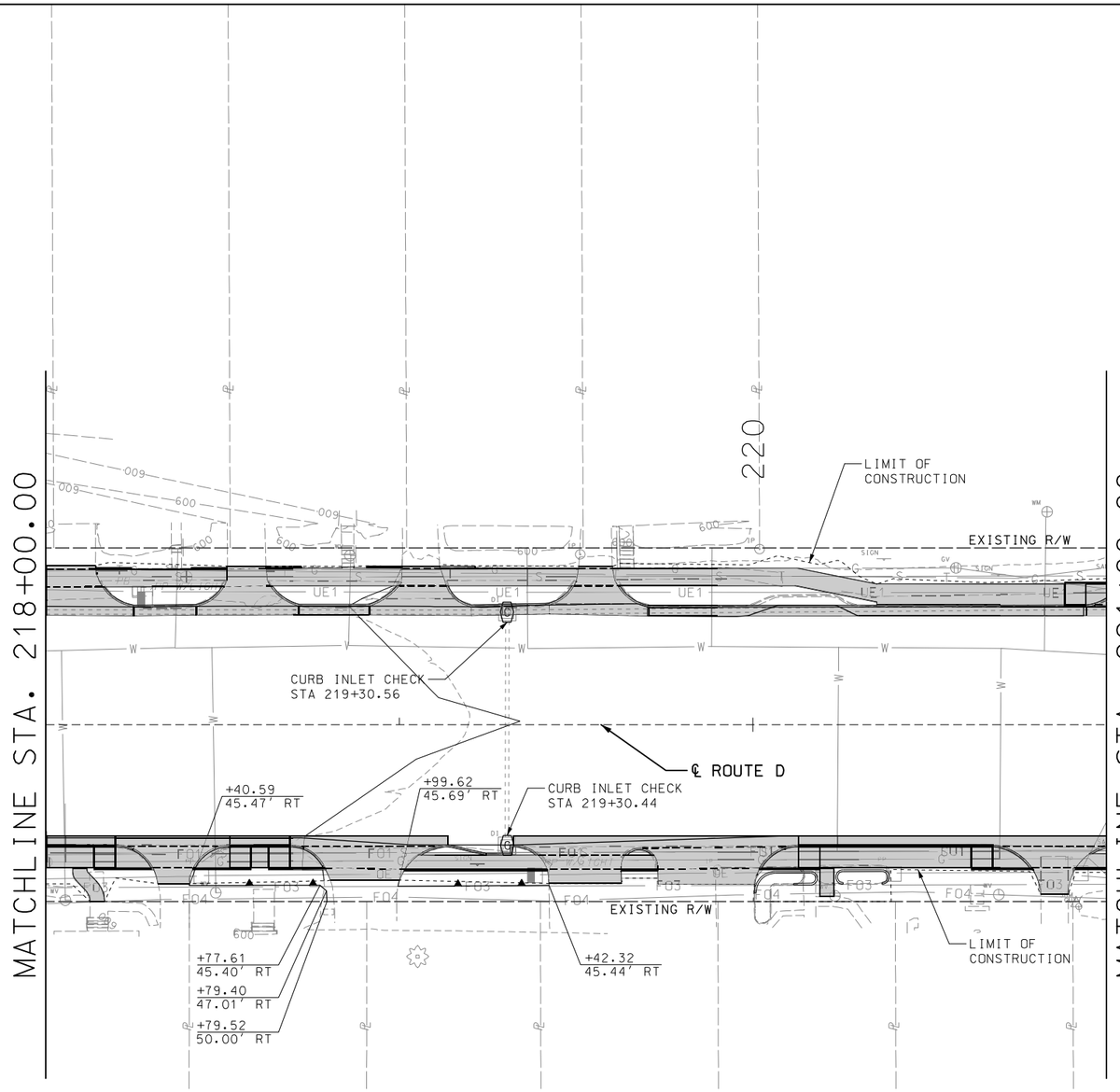
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼—▼	SILT FENCE

DISCLAIMER

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EROSION CONTROL SHEET
STA. 218+00.00 TO STA. 221+00.00
SHEET 10 OF 23

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	111

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

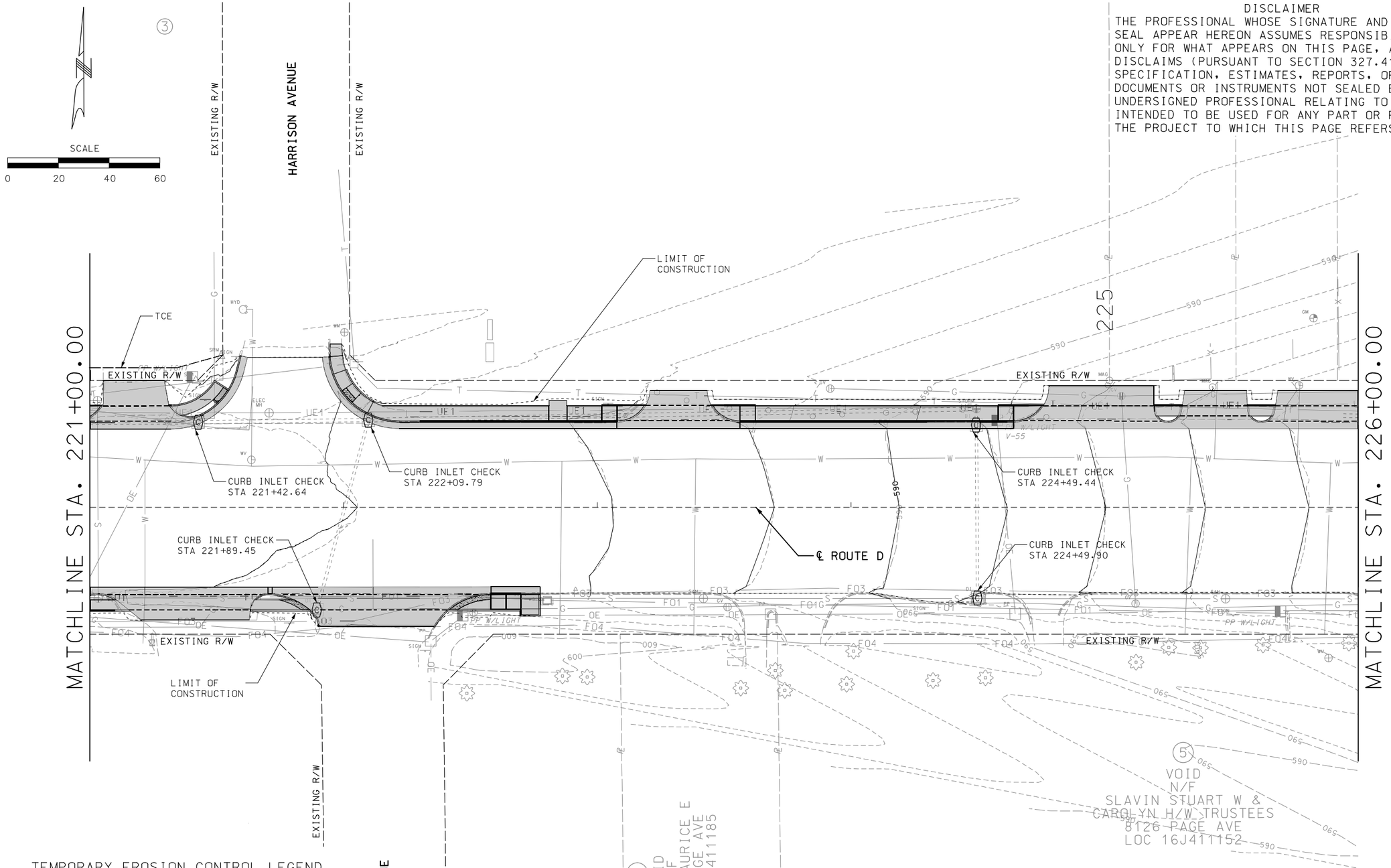
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

111_EC_010_J6S3215_i20.dgn

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 221+00.00 TO STA. 226+00.00
SHEET 11 OF 23

112_EC_011_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	112

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

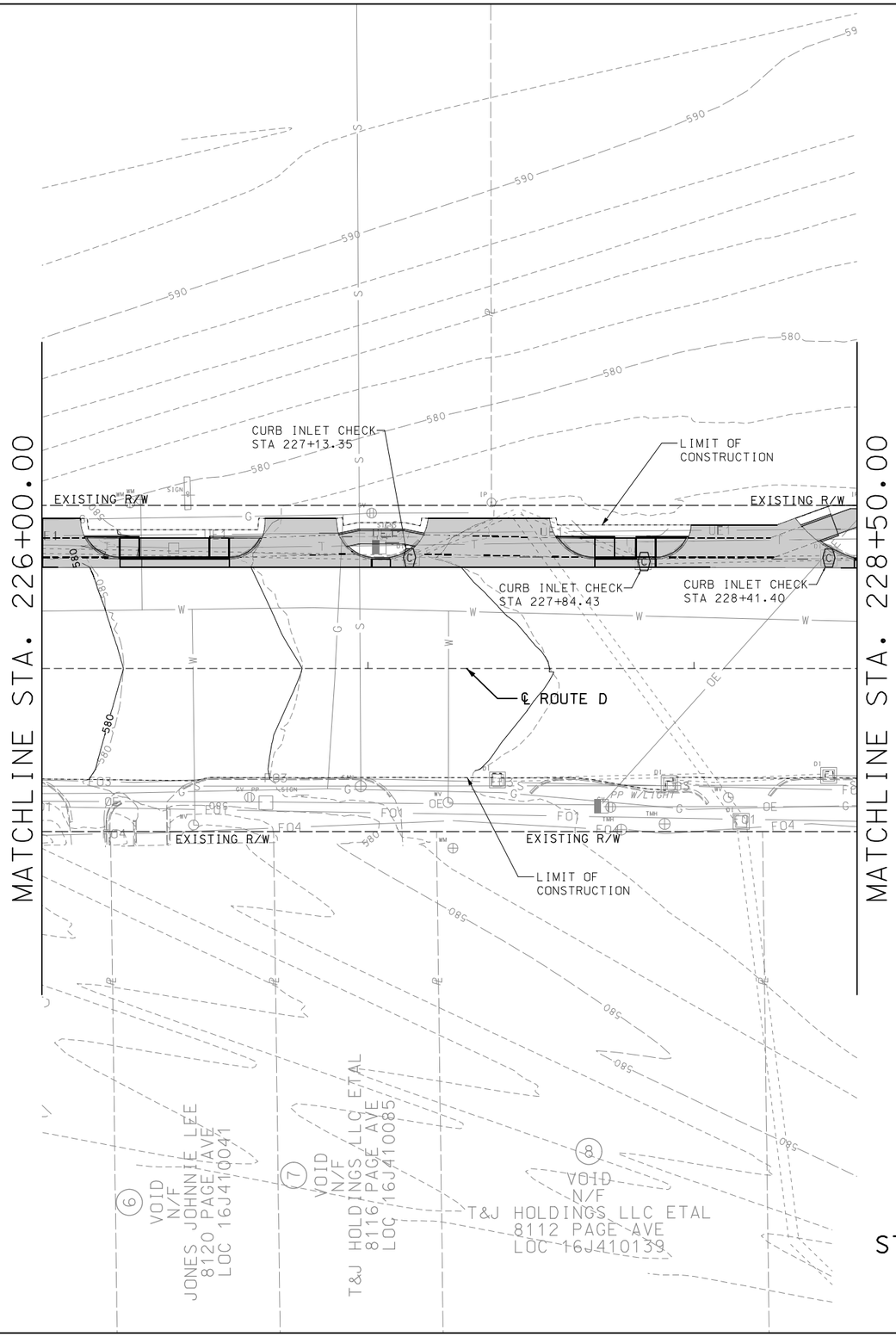
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼—▼	SILT FENCE

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EROSION CONTROL SHEET
STA. 226+00.00 TO STA. 228+50.00
SHEET 12 OF 23

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	113

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

113_EC_012_J6S3215_i20.dgn

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SCALE
0 20 40 60

MATCHLINE STA. 228+50.00

MATCHLINE STA. 233+50.00

MIDLAND BOULEVARD

EXISTING R/W

LIMIT OF CONSTRUCTION

TCE

CURB INLET CHECK STA 230+98.11

CURB INLET CHECK STA 230+94.81

CURB INLET CHECK STA 231+88.85

CURB INLET CHECK STA 231+67.31

CURB INLET CHECK STA 232+32.92

℄ ROUTE D

LAMB AVENUE

+11.43 47.17' RT

+34.95 46.31' RT

+75.10 44.99' RT

+10.23 44.92' RT

+51.37 44.89' RT

+73.87 46.64' RT

+88.33 68.26' RT

+22.00 57.63' RT

+81.96 54.44' RT

+01.49 52.29' RT

+07.66 57.74' RT

+91.18 92.61' RT

10 N/F VINITA PARK CITY OF 8027 PAGE AVE LOC 16J410283

11 N/F AMARS LLC 8015 PAGE AVE LOC 16J410195

12 N/F LSA PAWN, LLC 8060 PAGE AVE LOC 16J411107

13 N/F UNION ELECTRIC COMPANY 8030 PAGE AVE LOC 16J410030

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 228+50.00 TO STA. 233+50.00
SHEET 13 OF 23

114_EC_013_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	114

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

MATCHLINE STA. 233+50.00

MATCHLINE STA. 238+00.00

14
N/F
MIDWEST FUEL 2 INC
8001 PAGE AVE
LOC 16J421063

15
N/F
MIDWEST ST. LOUIS LLC
7939 PAGE AVE
7905 PAGE AVE
LOC 16J420259
LOC 16J421085

16
N/F
HOFFMAN 8000 PAGE LLC
8000 PAGE AVE
LOC 16J421074

N. HANLEY ROAD

EXISTING R/W

LIMIT OF CONSTRUCTION

CURB INLET CHECK STA 233+70.25

CURB INLET CHECK STA 234+97.82

CURB INLET CHECK STA 234+35.93

CURB INLET CHECK STA 235+72.57

RELOCATE INLET CHECK

TCE

℄ ROUTE D

+56.81
53.59' RT

UNKNOWN BUSINESS

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 233+50.00 TO STA. 238+00.00
SHEET 14 OF 23

115_EC_014_J6S3215_i20.dgn

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
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS PAGE WERE AUTHENTICATED AND GENERATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	115

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

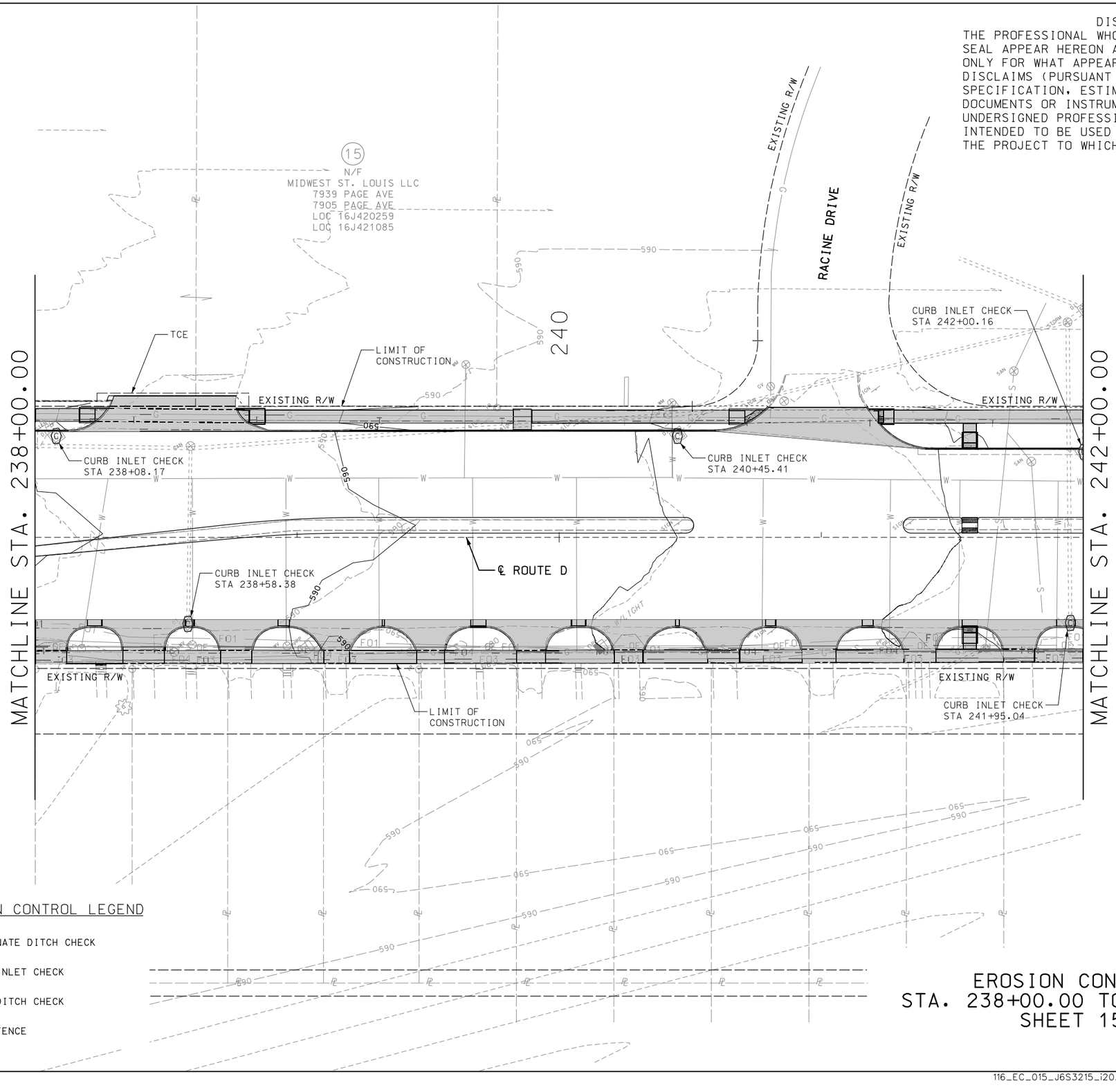
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

DISCLAIMER

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 238+00.00 TO STA. 242+00.00
SHEET 15 OF 23

116_EC_015_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	116

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

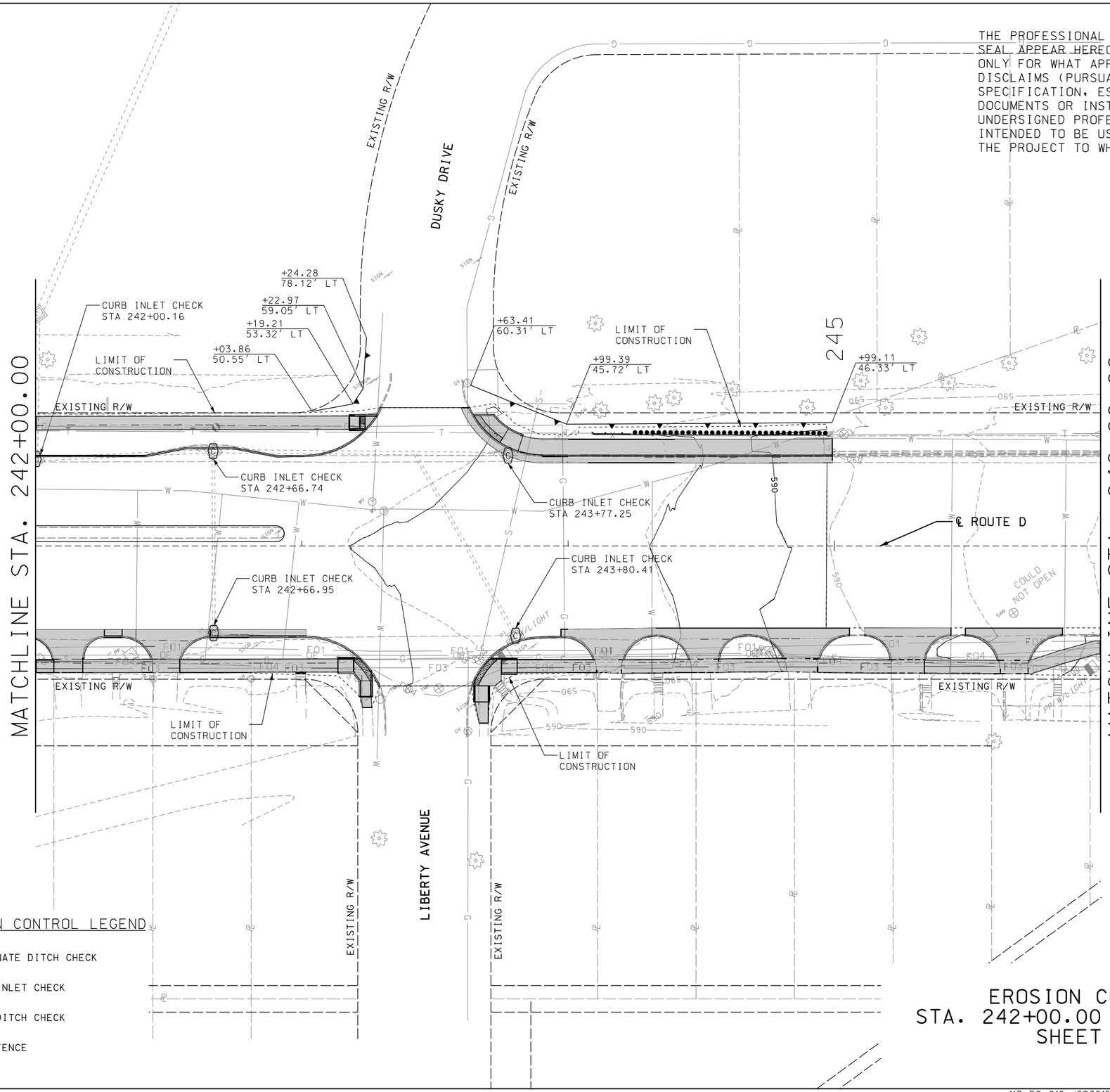
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

DISCLAIMER

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TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
▼——▼	SILT FENCE

EROSION CONTROL SHEET
STA. 242+00.00 TO STA. 246+00.00
SHEET 16 OF 23

117_EC_016_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	117

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SCALE
0 20 40 60

MATCHLINE STA. 246+00.00

MATCHLINE STA. 251+00.00

EXISTING R/W

ST. LOUIS AND BELT TERMINAL RAILROAD

LIMIT OF CONSTRUCTION

℄ ROUTE D

CURB INLET CHECK
STA 250+52.53

CURB INLET CHECK
STA 250+82.09

TCE

LIMIT OF CONSTRUCTION (17)
N/F
JAMES QUEEN E TR
7824 PAGE AVE
LOC 16J140870

ST. LOUIS AND BELT TERMINAL RAILROAD
EXISTING R/W

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 246+00.00 TO STA. 251+00.00
SHEET 17 OF 23

118_EC_017_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	118

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

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ST. LOUIS AND BELT TERMINAL RAILROAD

EXISTING R/W

MATCHLINE STA. 251+00.00

MATCHLINE STA. 256+00.00

LIMIT OF CONSTRUCTION

+43.58 49.12' LT

+23.32 49.38' LT

+73.50 49.18' LT

+94.20 49.16' LT

+23.57 48.33' LT

+92.80 47.35' LT

+24.69 47.61' LT

+60.45 48.03' LT

+97.78 46.85' LT

+56.88 42.19' LT

CURB INLET CHECK STA 252+78.29

CURB INLET CHECK STA 255+25.99

℄ ROUTE D

CURB INLET CHECK STA 251+99.83

LIMIT OF CONSTRUCTION

CURB INLET CHECK STA 254+60.04

CURB INLET CHECK STA 255+26.20

+86.11 44.08' RT

+17.12 43.90' RT

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

EXISTING R/W

QUENDO AVENUE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 251+00.00 TO STA. 256+00.00
SHEET 18 OF 23

119_EC_018_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	119

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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.

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET ARE AUTHENTIC AND WERE AFFIXED ON THE DATE ADJACENT TO THE SEAL AND SIGNATURE. IT IS NOT PERMISSIBLE TO CONFORM DOCUMENTS UNLESS THE SEAL AND SIGNATURE ARE ORIGINAL AND THE DATE ADJACENT TO THE SEAL IS ORIGINAL.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	120

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MATCHLINE STA. 256+00.00

MATCHLINE STA. 261+00.00

LIMIT OF CONSTRUCTION

EXISTING R/W

℄ ROUTE D

CURB INLET CHECK
STA 256+39.71

CURB INLET CHECK
STA 258+00.07

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W

PURDUE AVENUE

BRADFORD AVENUE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 256+00.00 TO STA. 261+00.00
SHEET 19 OF 23

120_EC_019_J6S3215_i20.dgn

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SCALE
0 20 40 60

MATCHLINE STA. 261+00.00

MATCHLINE STA. 266+00.00

EXISTING R/W

LIMIT OF CONSTRUCTION

CURB INLET CHECK STA 261+49.88

CURB INLET CHECK STA 261+50.07

℄ ROUTE D

CURB INLET CHECK STA 266+00.04

CURB INLET CHECK STA 266+00.01

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

EXISTING R/W

EXISTING R/W

BRADFORD AVENUE

FARIS AVENUE

EXISTING R/W

EXISTING R/W

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 261+00.00 TO STA. 266+00.00
SHEET 20 OF 23

121_EC_020_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	121

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

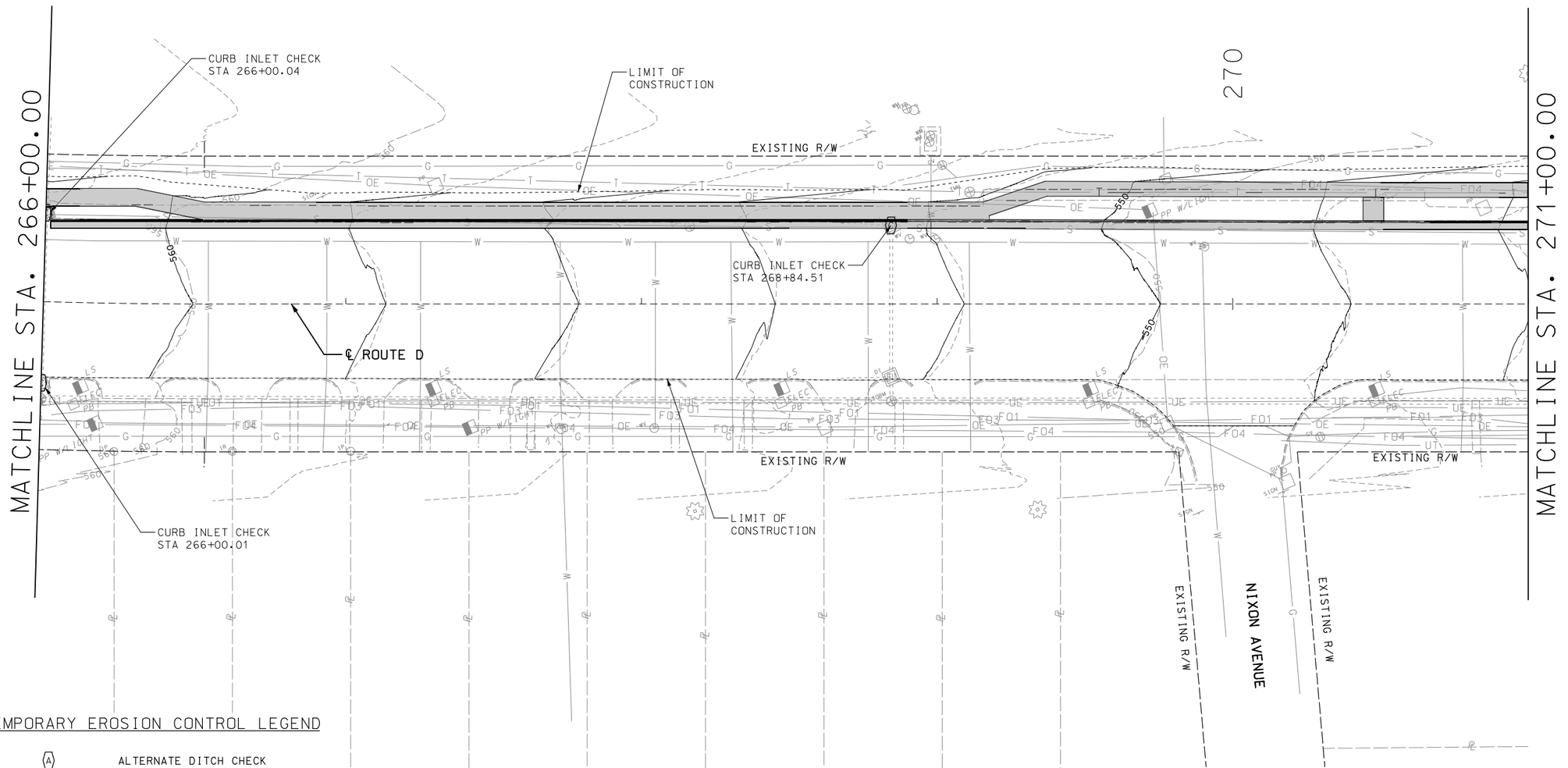
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 266+00.00 TO STA. 271+00.00
SHEET 21 OF 23

122_EC_021_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	122

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

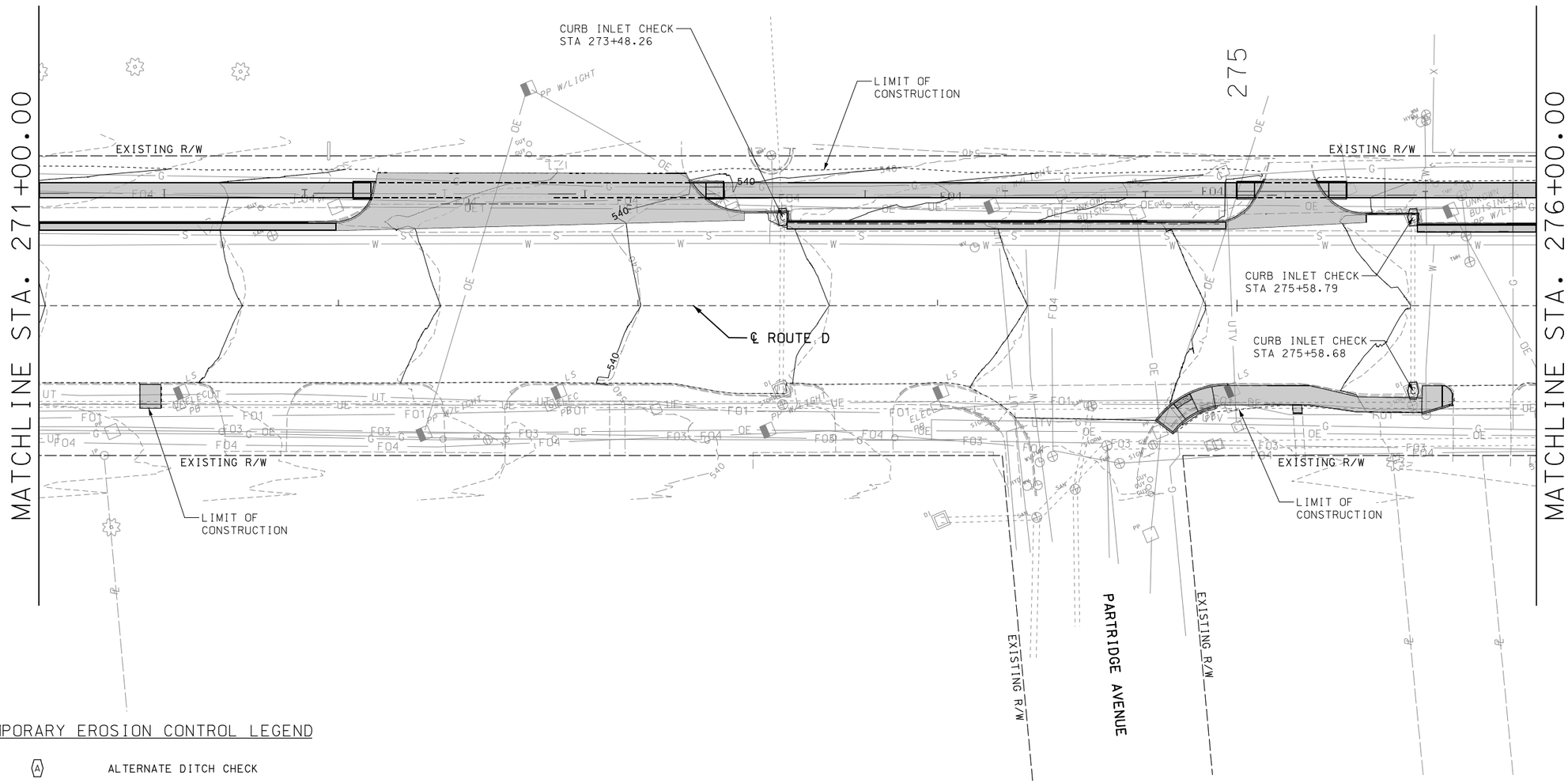
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 271+00.00 TO STA. 276+00.00
SHEET 22 OF 23

123_EC_022_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	123

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

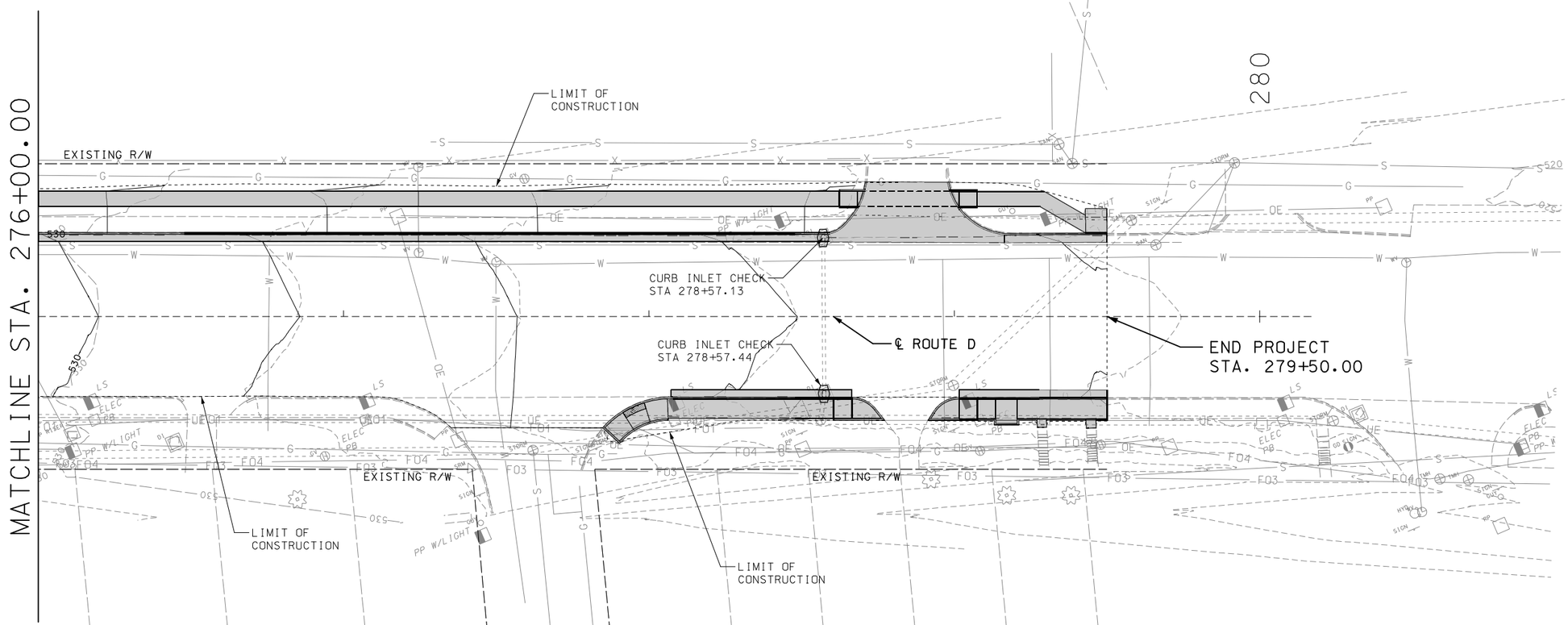
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60

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TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- SILT FENCE

EROSION CONTROL SHEET
STA. 276+00.00 TO END PROJECT
SHEET 23 OF 23

124_EC_023_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	124

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

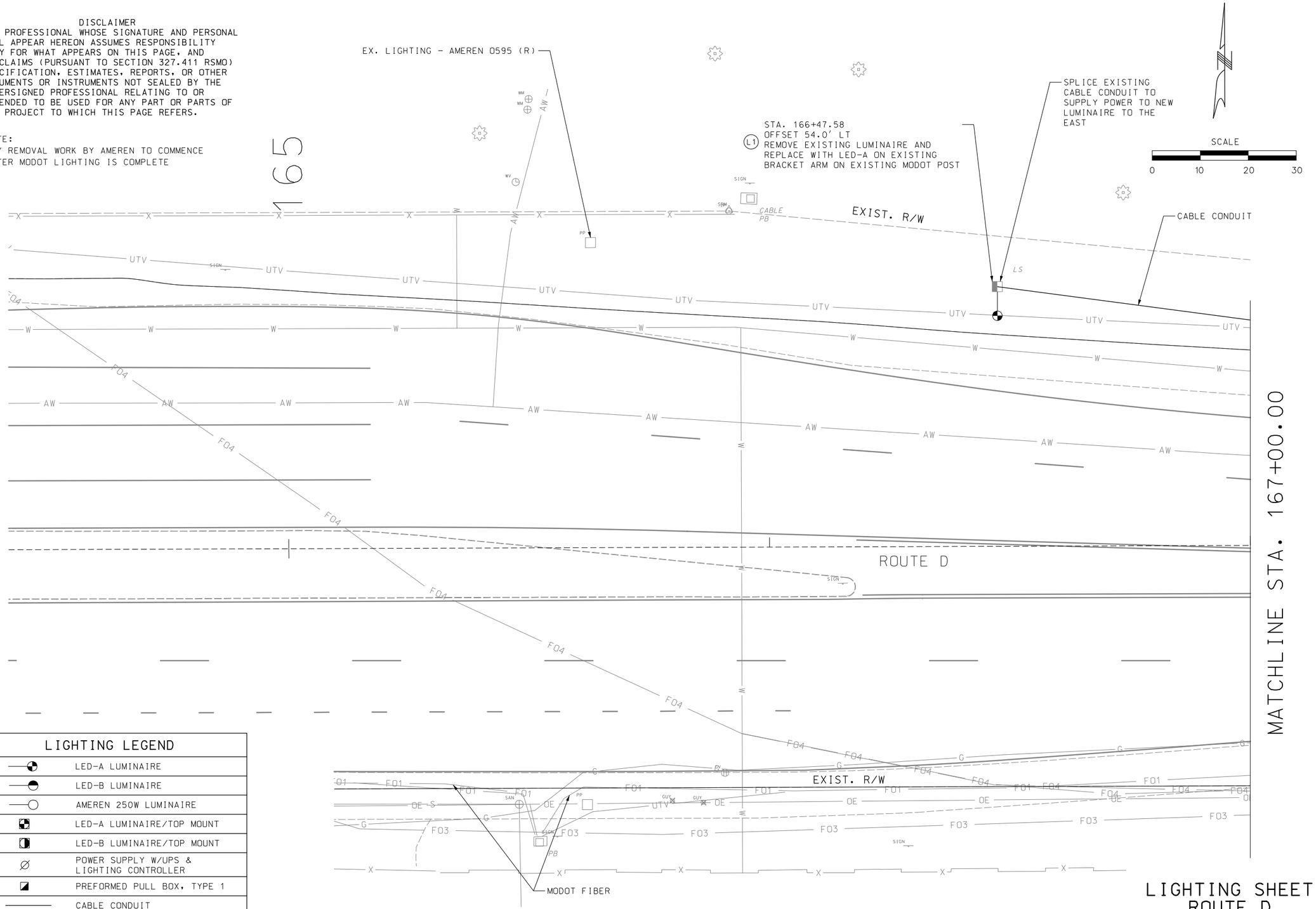
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER
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NOTE:
ANY REMOVAL WORK BY AMEREN TO COMMENCE AFTER MODOT LIGHTING IS COMPLETE



LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 1 OF 23

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	125

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	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)

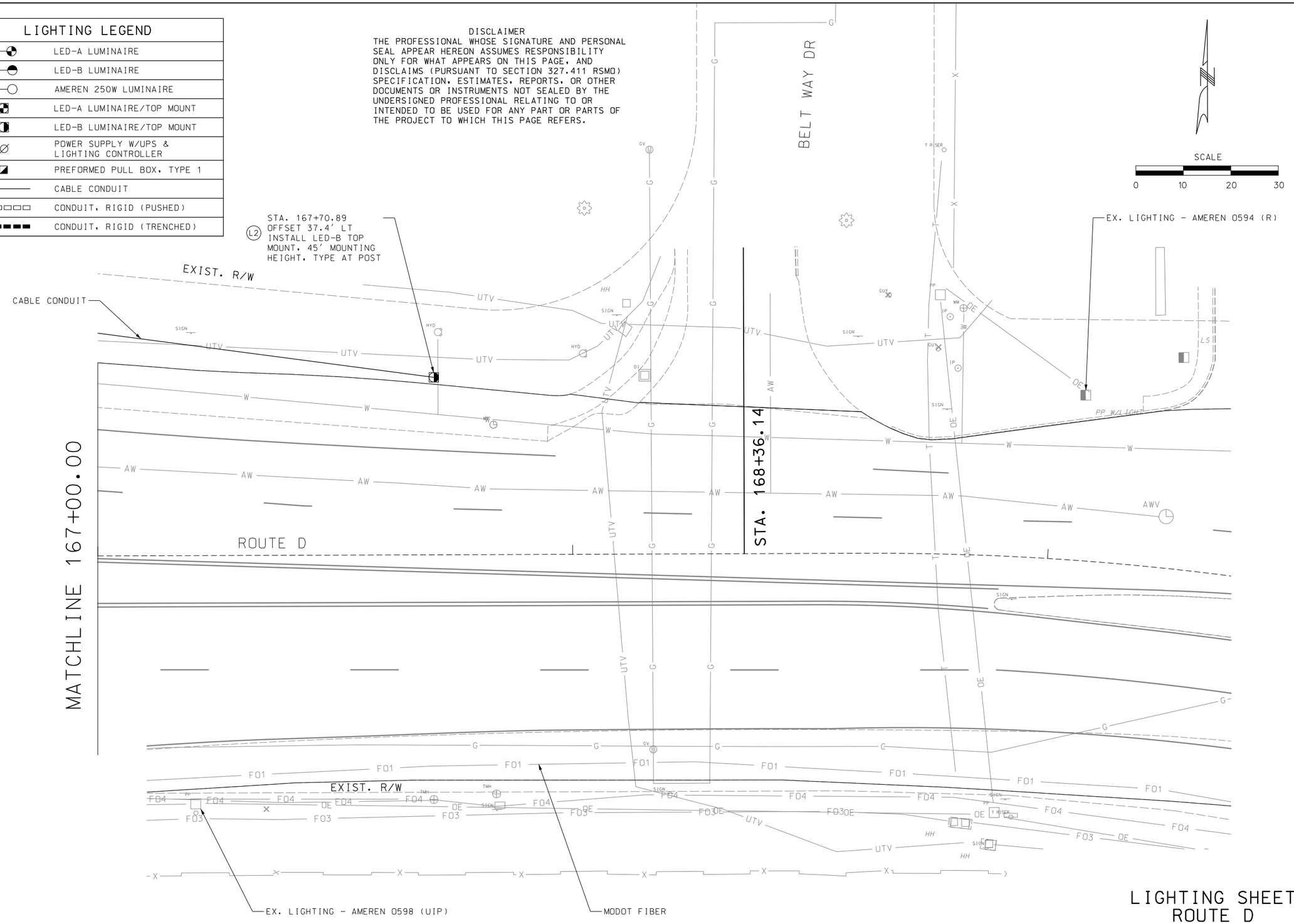
MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

125_LT_001_J6S3215_i10.dgn

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

DISCLAIMER
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LIGHTING SHEET
ROUTE D
SHEET 2 OF 23

TERESA A. KRENNING NUMBER PE-027536 PROFESSIONAL ENGINEER STATE OF MISSOURI
THIS SHEET WAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 126
COUNTY: ST. LOUIS
JOB NO.: J6S3215
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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2005010500

126_LT_002_J6S3215_i10.dgn

STA. 171+13.84
OFFSET 98.1' LT
(L4) REMOVE EXISTING LUMINARIE AND REPLACE WITH LED-B ON EXISTING BRACKET ARM ON EXISTING POST

WATERWORKS RD

DISCLAIMER
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SCALE
0 10 20 30

ROUTE D

WATERWORKS RD
STA. 171+66.20

STA. 171+74.51

STA. 172+41.15
OFFSET 42.9' LT
(L5) REMOVE EXISTING LUMINARIE AND REPLACE WITH LED-B ON EXISTING BRACKET ARM ON EXISTING POST

MODOT FIBER

STA. 170+93.72
OFFSET 49.1' RT
(L3) REMOVE EXISTING LUMINARIE AND REPLACE WITH LED-A ON EXISTING BRACKET ARM ON EXISTING POST

EXIST. R/W

STA. 172+05.17
OFFSET 72.5' RT
(L6) REMOVE EXISTING LUMINARIE AND REPLACE WITH LED-A ON EXISTING BRACKET ARM ON EXISTING POST

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 3 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	127

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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)

MODOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010500

127_LT_003_J6S3215_i10.dgn

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L7 STA. 176+39.66
OFFSET 39.2' LT
INSTALL LED-B, TOP MOUNT, 45' MOUNTING HEIGHT, TYPE AT POST

CABLE CONDUIT

EX. LIGHTING - AMEREN 0591 (R)

PP W/LIGHT

ROUTE D

MODOT FIBER

EX. LIGHTING - AMEREN 0589 (UIP)

STAPLES ADVOCARE FACTORY RD

STA. 176+20.10

EXIST. R/W

MATCHLINE STA. 177+75.00

SCALE
0 10 20 30

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 4 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	128

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

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

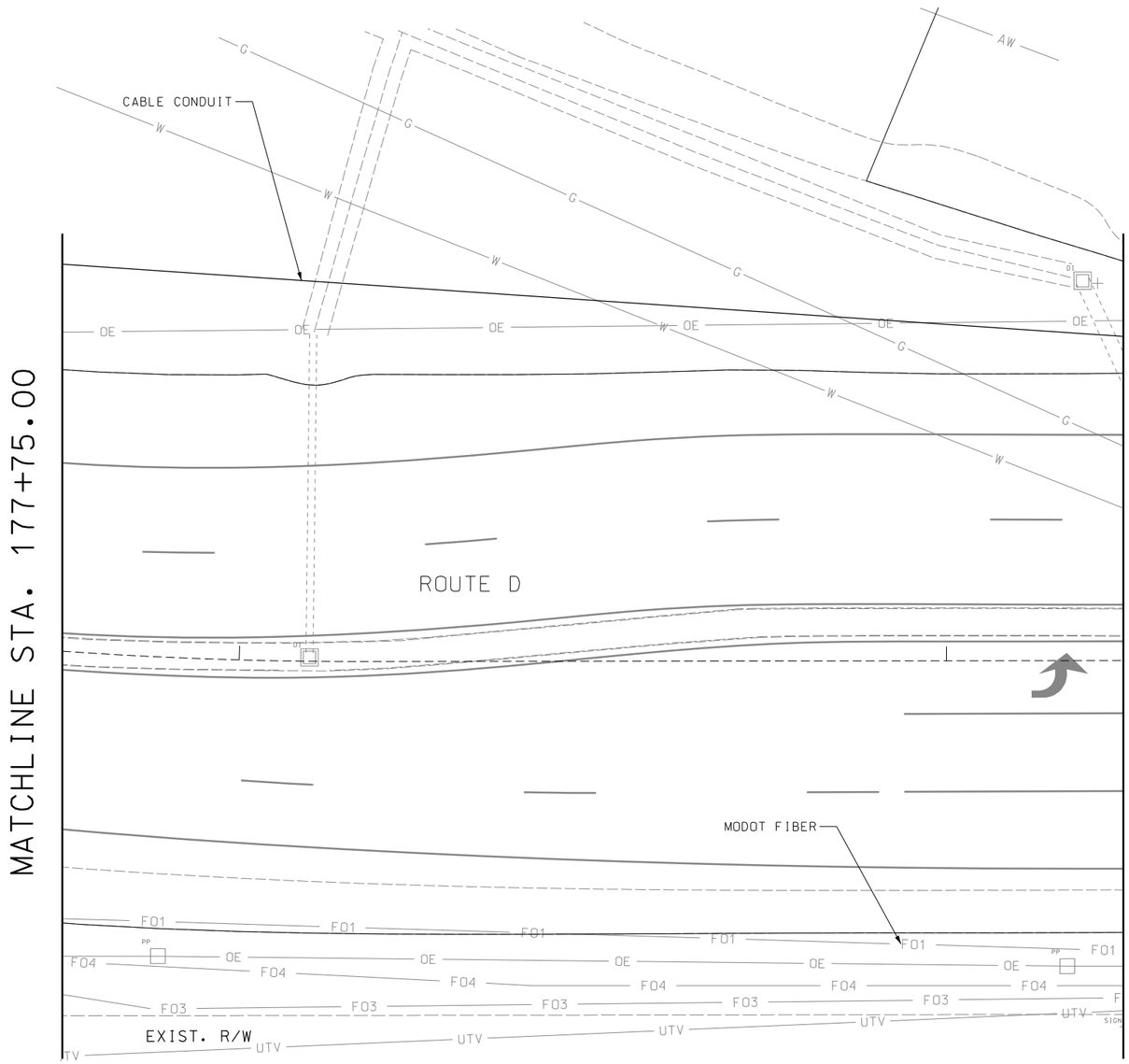
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

128_LT_004_J6S3215_i10.dgn

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SCALE
0 10 20 30

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

513

LIGHTING SHEET
ROUTE D
SHEET 5 OF 23

TERESA A. KRENNING NUMBER PE-027536 — STATE OF MISSOURI — PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 129
COUNTY: ST. LOUIS
JOB NO.: J6S3215
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)

MoDOT J6S3215 - ROUTE D PROJECT

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Kansas City, MO 64131
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Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010080

129_LT_005_J6S3215_i10.dgn

MATCHLINE (SEE SHEET 7)

MATCHLINE STA. 179+25.00

EXIST. R/W

CONC. BOLLARD

EXIST. R/W

WALTON RD

STA. 180+66.77
OFFSET 64.7' LT
INSTALL PREFORMED
PULL BOX, CLASS 1 L1

INSTALL POWER SUPPLY,
W/UPS & LIGHTING
CONTROL (SEE SIGNAL
SHEETS)

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SCALE
0 10 20 30

STA. 179+41.66
OFFSET 44.7' LT
INSTALL PREFORMED
PULL BOX, CLASS 1 L2

MODOT FIBER

EXIST. R/W

STA. 179+48.58
OFFSET 48.3' LT
(AMEREN 0587) REMOVE AND
REPLACE LUMINAIRE WITH 250W ON
30" BRACKET ARM EXTENDING NORTH
ON EXIST. POLE A1

A2 STA. 180+82.10
OFFSET 44.8' LT
(AMEREN) INSTALL 250W LUMINAIRE
ON 15' BRACKET ARM EXTENDING
SOUTH ON 45' POLE

EX. LIGHTING - AMEREN 0585 (R)

MODOT FIBER

ROUTE D

WALTON RD

STA. 180+71.81

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

A3 STA. 180+40.34
OFFSET 43.5' RT
(AMEREN 0586) REMOVE
AND REPLACE LUMINAIRE
WITH 250W ON 15'
BRACKET ARM EXTENDING
NORTH ON EXIST. POLE

EXIST. R/W

EXIST. R/W

A4 STA. 180+70.87
OFFSET 111.0' RT
(AMEREN) INSTALL 250W
LUMINAIRE ON 6' BRACKET ARM
EXTENDING WEST ON EXIST. POLE

MODOT FIBER

LIGHTING SHEET
ROUTE D
SHEET 6 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	130

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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)

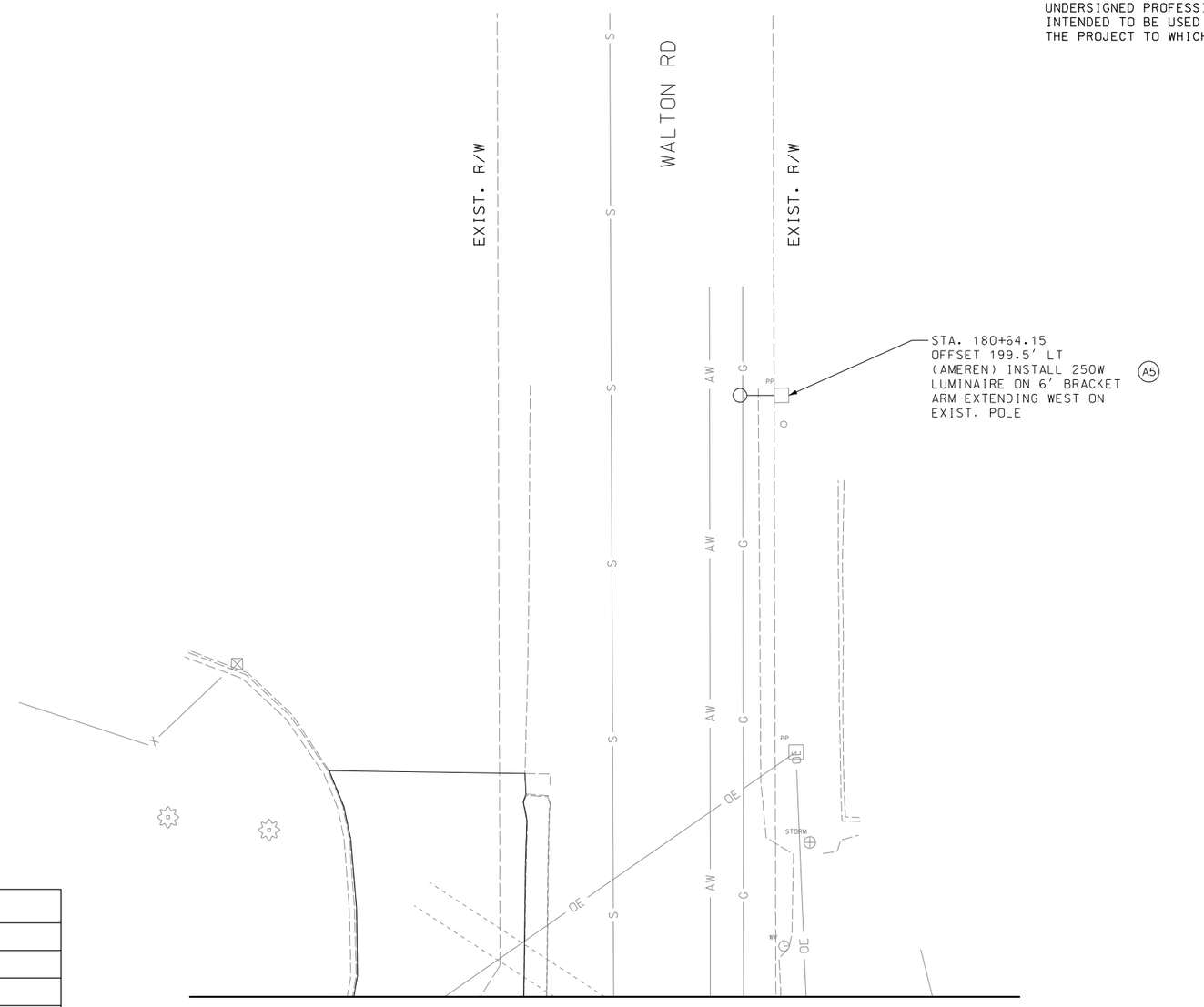
MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4555
Fax (816) 874-4575
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MATCHLINE (SEE SHEET 6)

SCALE

0 10 20 30

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 7 OF 23

THIS SHEET WAS SIGNED, SEALED AND DATED IN ELECTRONICALLY

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	131

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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JEFFERSON CITY, MO 65102
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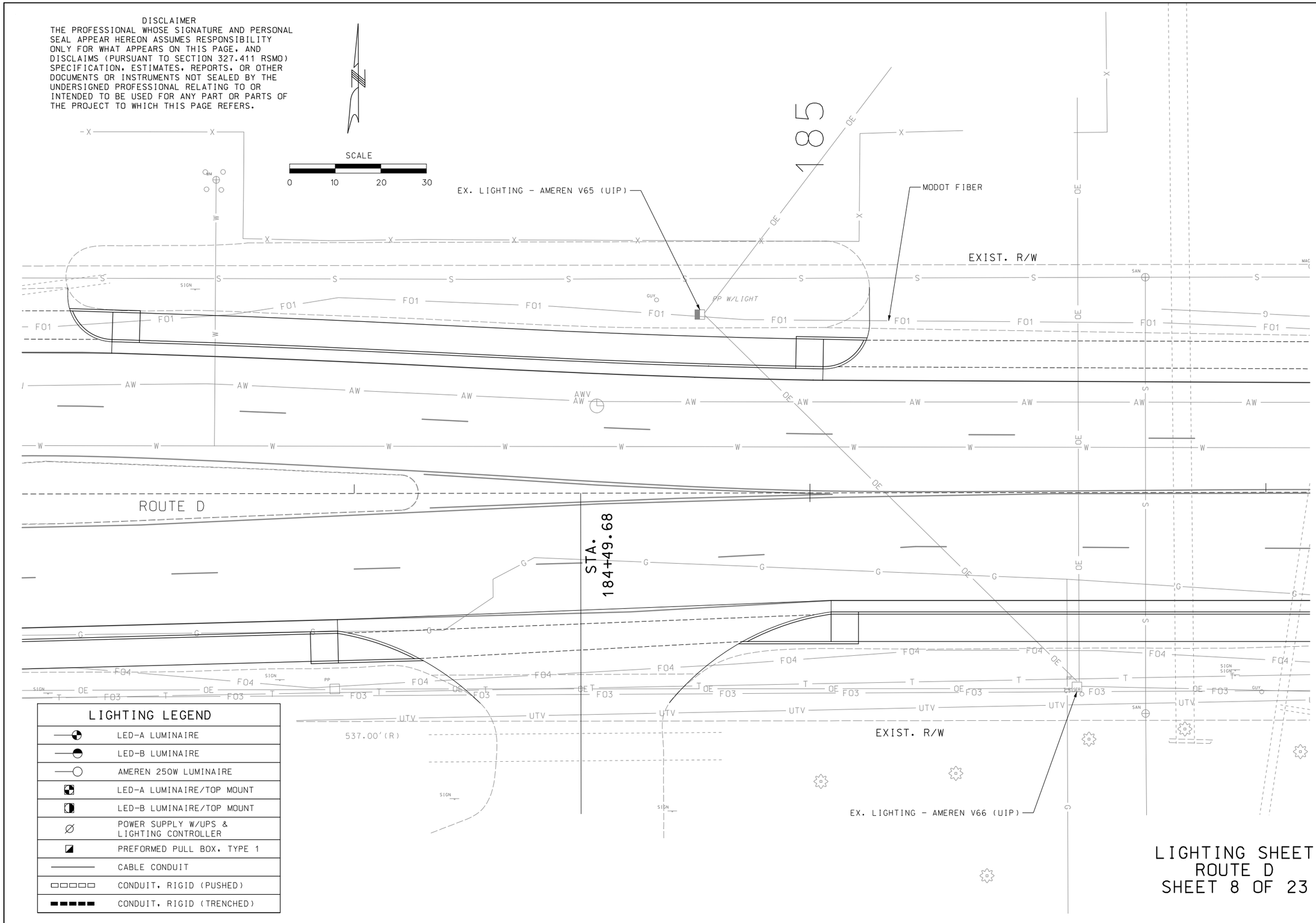
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SCALE
0 10 20 30



LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 8 OF 23

132_LT_008_J6S3215_i10.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
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29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	132

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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BRIDGE NO.
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STA. 203+20.03
OFFSET 40.6' LT
INSTALL LED-A TOP
MOUNT, 30' MOUNTING
HEIGHT, TYPE AT POST
(L8)

EXIST. R/W

MODOT FIBER

(L9) STA. 205+00.92
OFFSET 42.6' LT
INSTALL LED-A TOP
MOUNT, 30' MOUNTING
HEIGHT, TYPE AT POST

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SCALE
0 10 20 30

205

MODOT FIBER

EX. LIGHTING - AMEREN V47 (R)

EXIST. R/W

ROUTE D

STA. 205+23.94

MATCHLINE STA. 205+50.00

ERMES DR

299

298

LIGHTING LEGEND	
—●—	LED-A LUMINAIRE
—◒—	LED-B LUMINAIRE
—○—	AMEREN 250W LUMINAIRE
◘	LED-A LUMINAIRE/TOP MOUNT
◨	LED-B LUMINAIRE/TOP MOUNT
⌀	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
■■■■■	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 9 OF 23

133_LT_009_J6S3215_i10.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
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DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	133

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

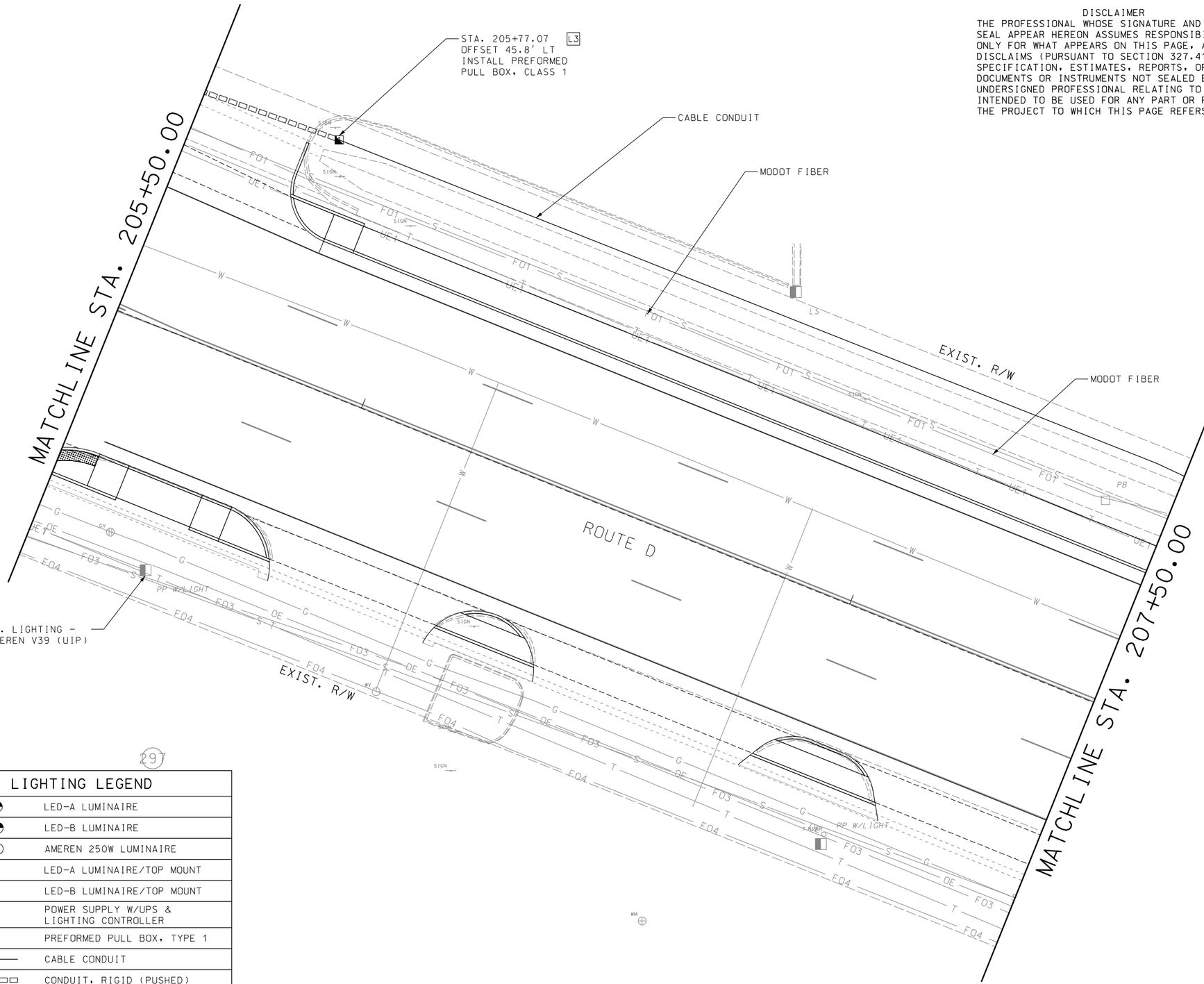
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SCALE

0 10 20 30

297

LIGHTING LEGEND	
—◔	LED-A LUMINAIRE
—◓	LED-B LUMINAIRE
—○	AMEREN 250W LUMINAIRE
◘	LED-A LUMINAIRE/TOP MOUNT
◨	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
▬▬▬▬▬	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 10 OF 23

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	134

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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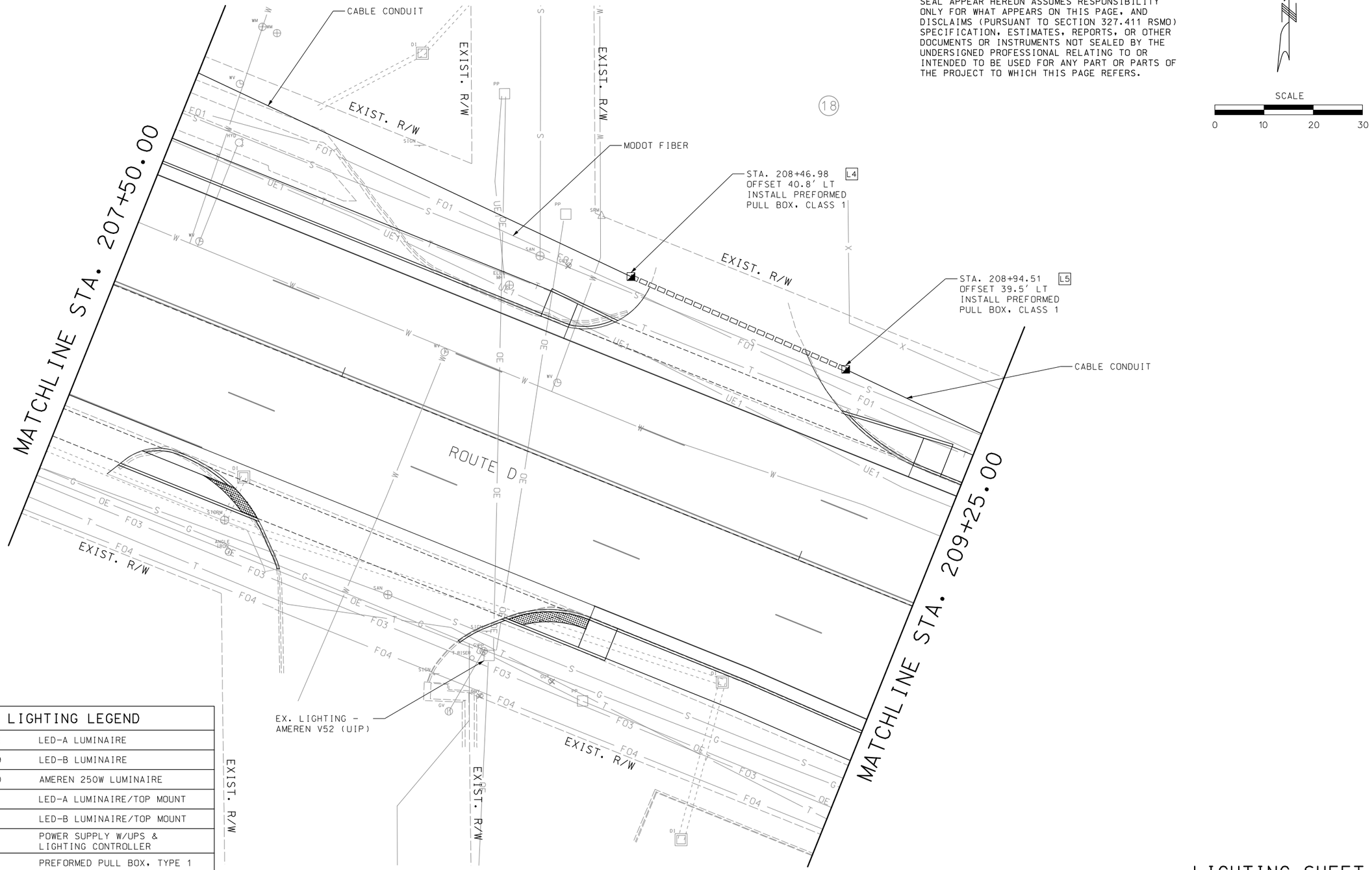
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LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

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SCALE
0 10 20 30

LIGHTING SHEET
ROUTE D
SHEET 11 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	135

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

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

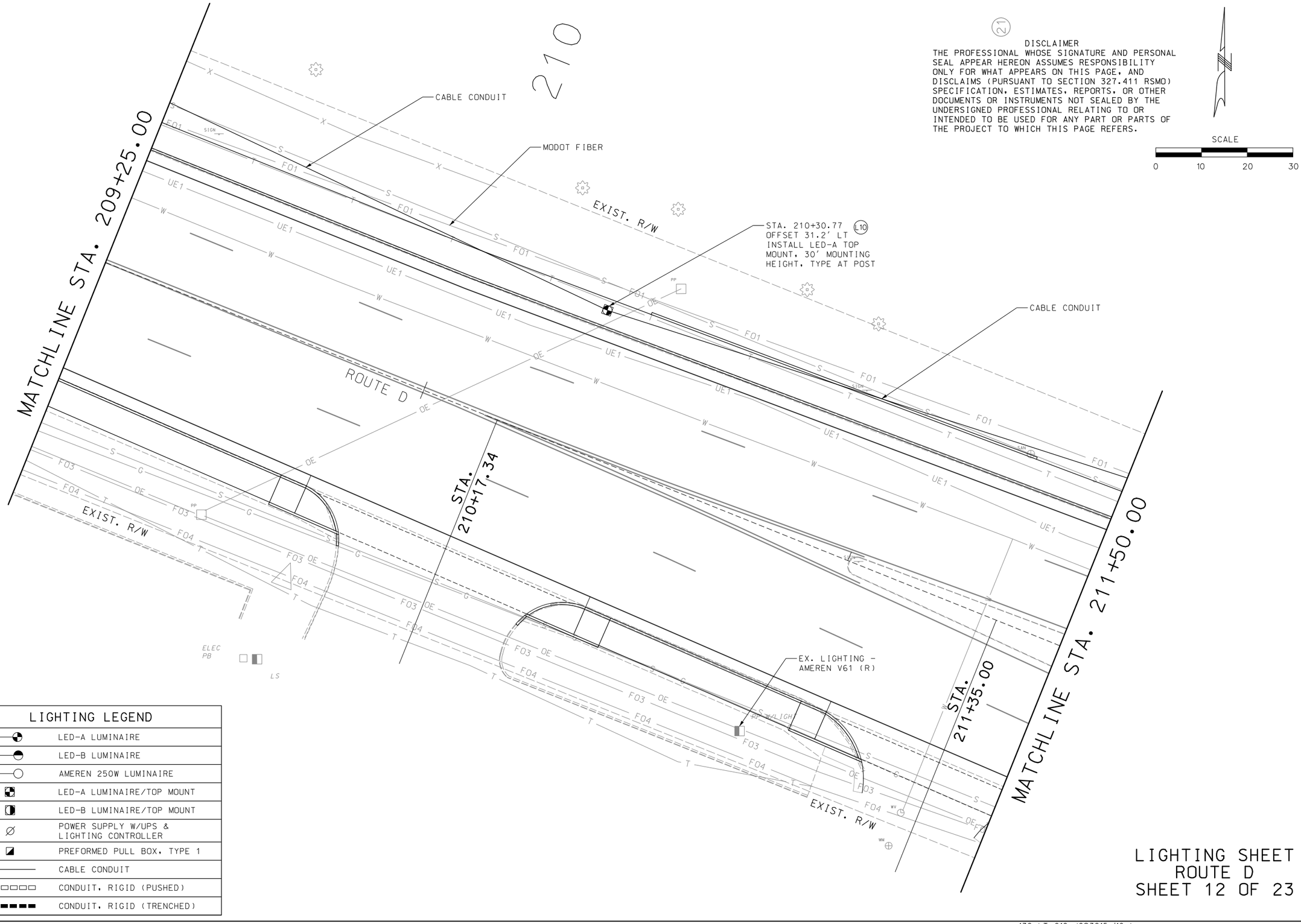
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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SCALE

0 10 20 30

LIGHTING LEGEND	
—◔	LED-A LUMINAIRE
—◑	LED-B LUMINAIRE
—○	AMEREN 250W LUMINAIRE
◘	LED-A LUMINAIRE/TOP MOUNT
◨	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
▭▭▭▭▭	CONDUIT, RIGID (PUSHED)
▬▬▬▬▬	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 12 OF 23

136_LT_012_J6S3215_i10.dgn

TERESA A. KRENNING NUMBER PE-027536
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	136

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

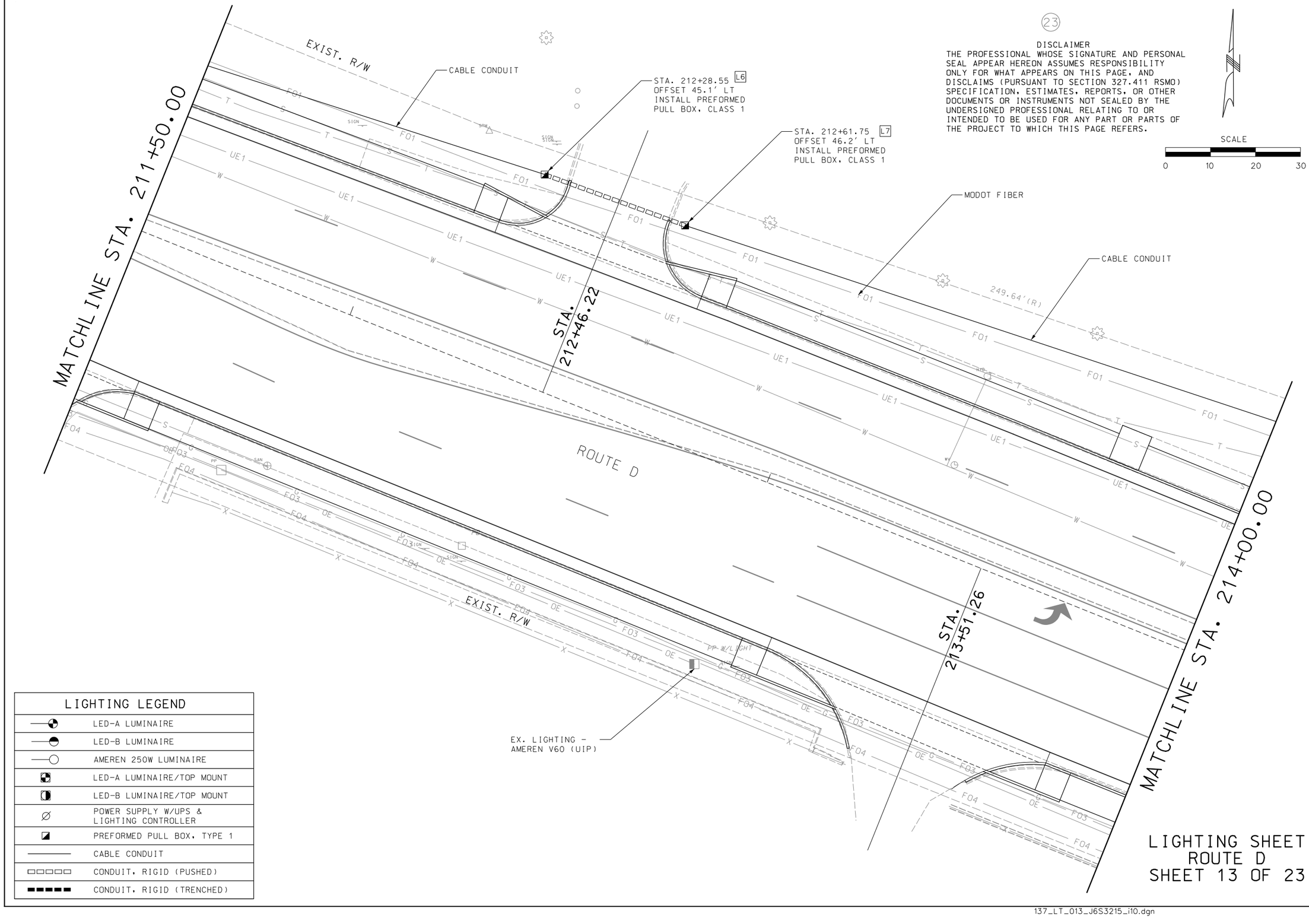
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REV	DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MoDOT J6S3215 - ROUTE D PROJECT

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23

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SCALE
0 10 20 30

LIGHTING LEGEND	
—◐—	LED-A LUMINAIRE
—◑—	LED-B LUMINAIRE
—○—	AMEREN 250W LUMINAIRE
◘	LED-A LUMINAIRE/TOP MOUNT
◨	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
■■■■■	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 13 OF 23

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STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	137

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	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)

MoDOT J6S3215 - ROUTE D PROJECT

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CABLE CONDUIT

EXIST. R/W

MODOT FIBER

MATCHLINE STA. 214+00.00

ROUTE D

STA. 214+73.14
L8 OFFSET 59.3' LT
INSTALL PREFORMED
PULL BOX, CLASS 1

EX. LIGHTING -
AMEREN V59 (R)

NORTH & SOUTH RD

EX. LIGHTING -
AMEREN V79 (UIP)

STA. 215+50.39
OFFSET 81.0' LT
L9 INSTALL PREFORMED
PULL BOX, CLASS 1

EX. LIGHTING (UIP)

INSTALL POWER SUPPLY,
W/UPS & LIGHTING
CONTROL (SEE SIGNAL
SHEETS)

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SCALE
0 10 20 30

EXIST. R/W

ROUTE D

MODOT FIBER

EX. LIGHTING - AMEREN V19 (R)

L11 STA. 215+58.44
OFFSET 46.4' LT
INSTALL LED-B TOP
MOUNT, 45' MOUNTING
HEIGHT, TYPE AT POST

STA. 215+24.53

A6 STA. 215+19.04
OFFSET 45.2' RT
(AMEREN) INSTALL 250W LUMINAIRE
ON 15' BRACKET ARM EXTENDING
NORTHEAST ON EXIST. POLE

A7 STA. 215+42.56
OFFSET 64.3' RT
(AMEREN) INSTALL 250W
LUMINAIRE ON 6' BRACKET ARM
EXTENDING WEST ON EXIST. POLE

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 14 OF 23

TERESA A. KREINNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	138

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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

MoDOT J6S3215 - ROUTE D PROJECT

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SCALE
0 10 20 30

STA. 218+28.11
OFFSET 35.5' LT
(AMEREN V58) REMOVE AND REPLACE LUMINAIRE WITH 250W ON 6' BRACKET ARM EXTENDING SOUTH ON EXIST. POLE (A8)

EXIST. R/W

STA. 218+03.75

ROUTE D

MODOT FIBER

EXIST. R/W

EX. LIGHTING - AMEREN V57 (UIP)

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 15 OF 23

139_LT_015_J6S3215_i10.dgn

THIS SHEET ELECTRONICALLY SIGNED, SEALED AND DATED
TERESA A. KRENNING
NUMBER PE-027536
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	139

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

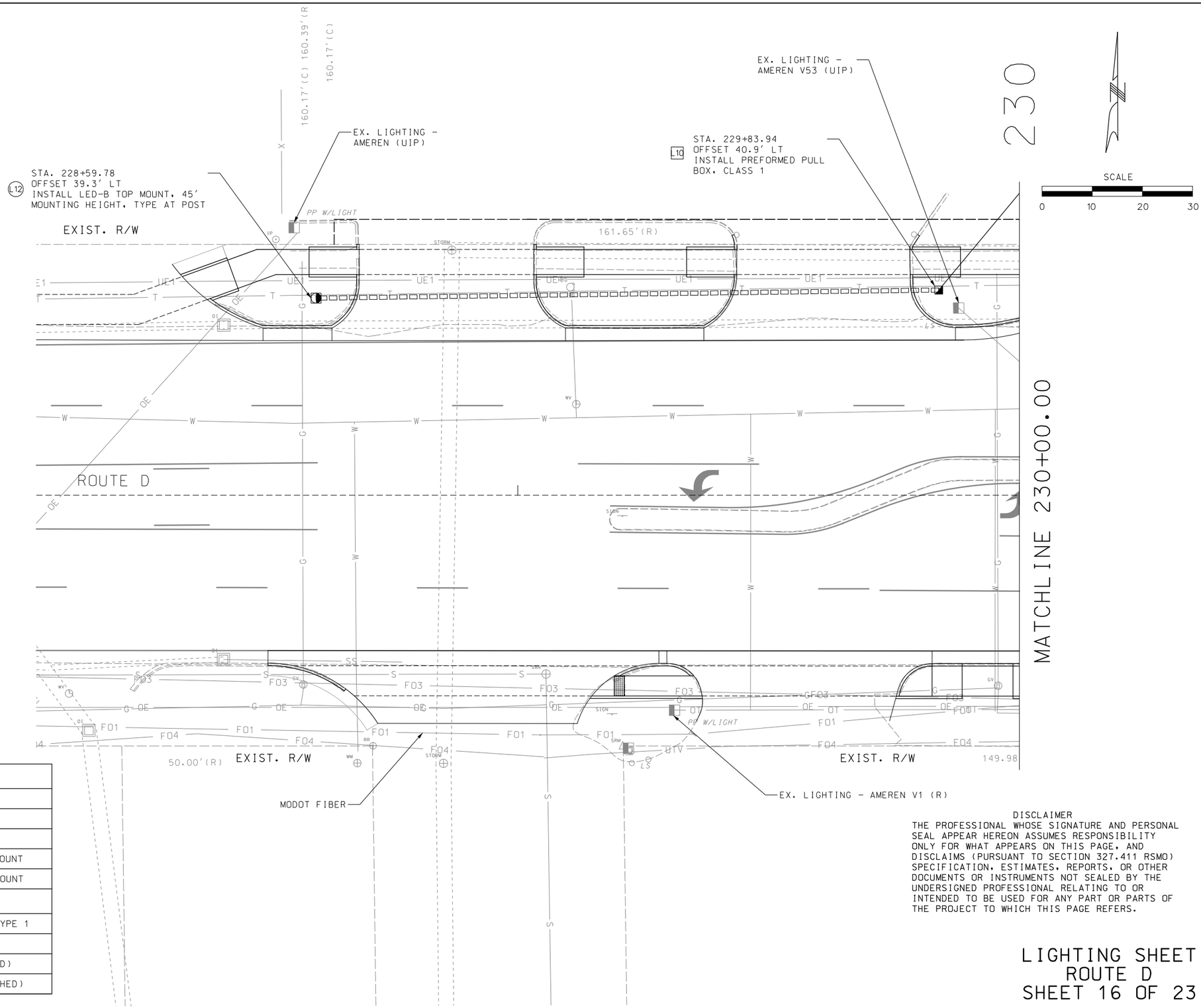
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV	DATE	DESCRIPTION

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

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2005010500



LIGHTING LEGEND	
—◐—	LED-A LUMINAIRE
—◑—	LED-B LUMINAIRE
—○—	AMEREN 250W LUMINAIRE
◘	LED-A LUMINAIRE/TOP MOUNT
◙	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
▬▬▬▬	CONDUIT, RIGID (TRENCHED)

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LIGHTING SHEET
ROUTE D
SHEET 16 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 140
COUNTY: ST. LOUIS
JOB NO.: J6S3215
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)

MoDOT J6S3215 - ROUTE D PROJECT

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www.trekkdesigngroup.com
Missouri Cert. of Authority 2002070500

140_LT_016_J6S3215_i10.dgn

MATCHLINE 230+00.00

230

STA. 230+27.58
OFFSET 93.6' LT
INSTALL LED-B TOP
MOUNT, 45' MOUNTING
HEIGHT, TYPE AT POST
L13

EXIST. R/W

MIDLAND BLVD

EXIST. R/W

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SCALE
0 10 20 30

STA. 231+90.67
OFFSET 51.9' LT
INSTALL LED-B TOP
MOUNT, 45' MOUNTING
HEIGHT, TYPE AT POST
L14

STA. 231+27.23

STA. 231+16.55

EX.
LIGHTING -
MODOT (R)

ROUTE D

ROUTE D

A9
STA. 230+75.17
OFFSET 42.3' RT
(AMEREN) INSTALL 250W
LUMINAIRE ON 15'
BRACKET ARM EXTENDING
NORTHEAST ON EXIST.
POLE

MODOT FIBER

STA. 232+20.96
OFFSET 38.8' RT
INSTALL PREFORMED
PULL BOX, CLASS 1
L11

STA. 231+92.65
OFFSET 87.1' RT
INSTALL LED-A TOP
MOUNT, 30' MOUNTING
HEIGHT, TYPE AT POST
L15

INSTALL POWER SUPPLY,
W/UPS & LIGHTING
CONTROL (SEE SIGNAL
SHEETS)

L12 STA. 230+85.17
OFFSET 64.5' RT
INSTALL PREFORMED
PULL BOX, CLASS 1

EX. LIGHTING -
MODOT (R)

EXIST. R/W

MIDLAND BLVD

LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 17 OF 23

TERESA A. KRENNING NUMBER PE-027536
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	141

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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)

MODOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010500

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SCALE
0 10 20 30

A10 STA. 235+11.39
OFFSET 138.5' LT
(AMEREN) INSTALL 250W LUMINAIRE ON 30" BRACKET ARM EXTENDING EAST ON EXIST. POLE

HANLEY RD

EXIST. R/W

L16 STA. 235+73.57
OFFSET 50.1' LT
INSTALL LED-B TOP MOUNT, 45' MOUNTING HEIGHT, TYPE AT POST

CABLE CONDUIT

L17 STA. 236+37.43
OFFSET 42.7' LT
INSTALL LED-A TOP MOUNT, 30' MOUNTING HEIGHT, TYPE AT POST

L14 STA. 236+44.91
OFFSET 46.4' LT
INSTALL PREFORMED PULL BOX, CLASS 1

A11 STA. 235+04.80
OFFSET 44.2' RT
(AMEREN VT158) REMOVE AND REPLACE LUMINAIRE WITH 250W ON 15' BRACKET ARM EXTENDING NORTHEAST ON EXIST. POLE

STA. 235+48.29

INSTALL POWER SUPPLY, W/UPS & LIGHTING CONTROL (SEE SIGNAL SHEETS)

ROUTE D

MATCHLINE 236+90.00

L13 STA. 236+59.21
OFFSET 46.6' RT
INSTALL PREFORMED PULL BOX, CLASS 1

MODOT FIBER

EX. LIGHTING - AMEREN VT103 (R)

UNKOWN BUISNESS PP W/LIGHT

PP W/LIGHT

LIGHTING LEGEND

—●—	LED-A LUMINAIRE
—◒—	LED-B LUMINAIRE
—○—	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
⌀	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
▬▬▬▬	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 18 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	142

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

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

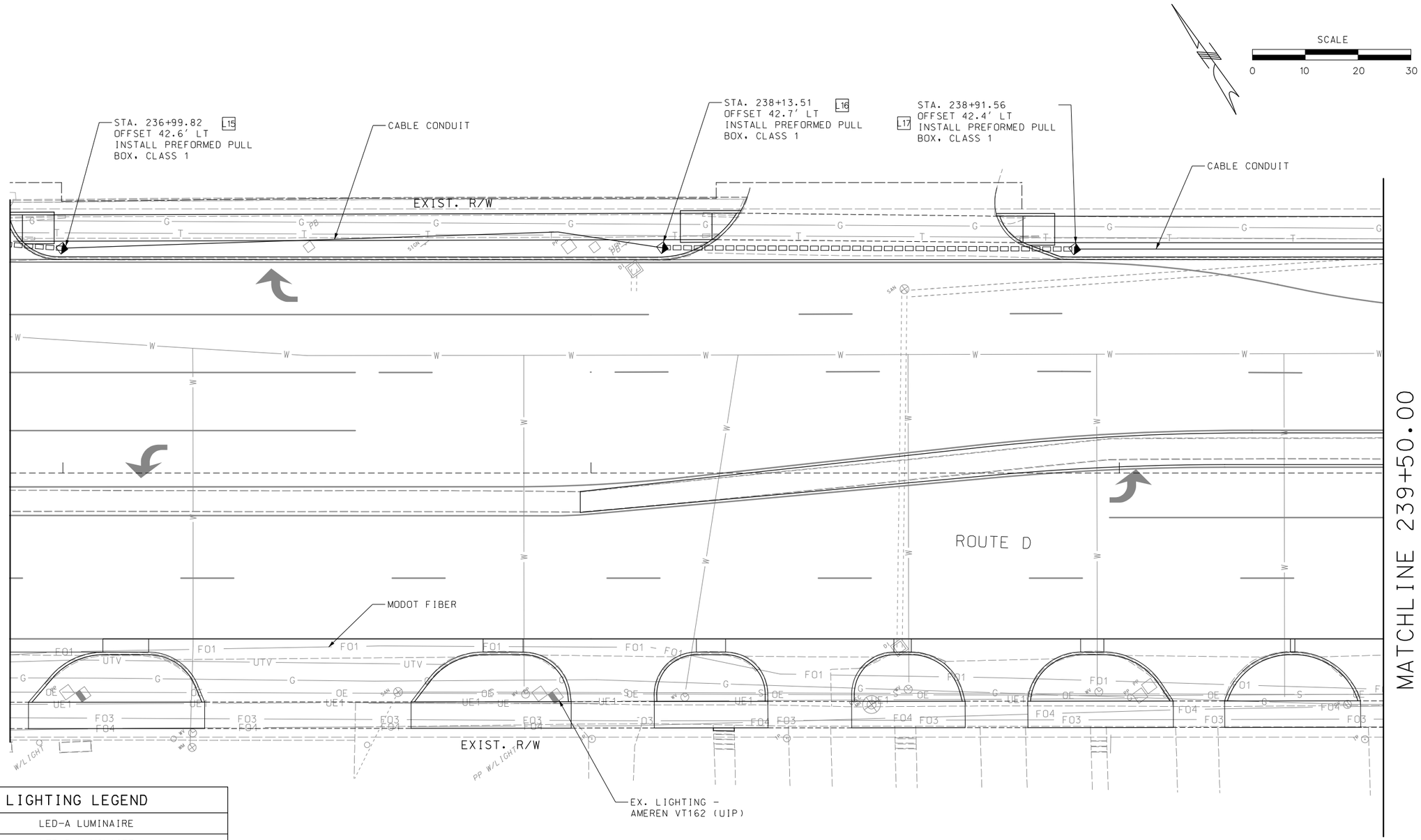
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.thetrekkdesigngroup.com

Missouri Cert. of Authority 2020010500

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LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
∅	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

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LIGHTING SHEET
ROUTE D
SHEET 19 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	143

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	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)

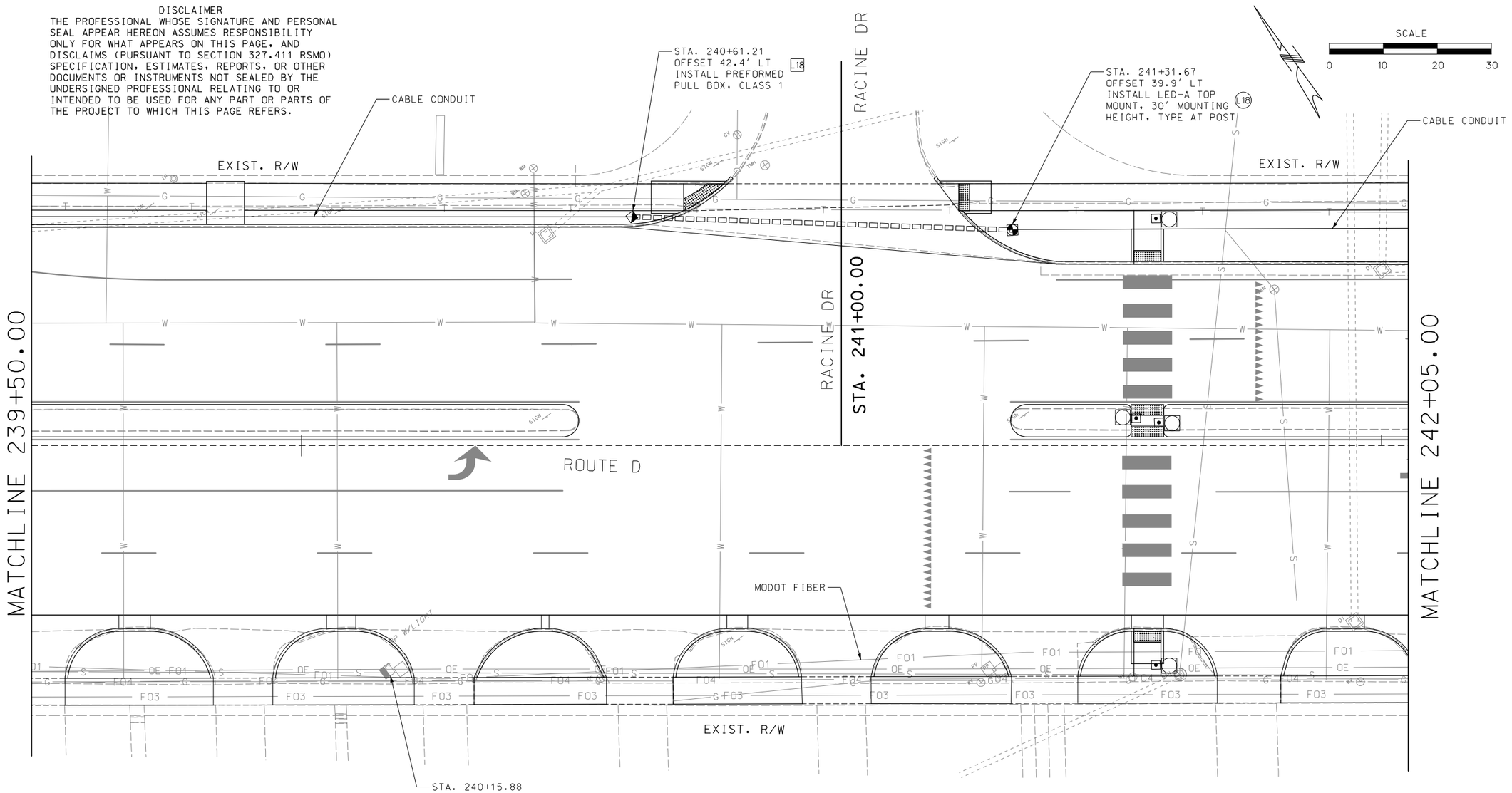
MoDOT J6S3215 - ROUTE D PROJECT

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Kansas City, MO 64131
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Fax (816) 874-4875
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LIGHTING LEGEND	
—◓—	LED-A LUMINAIRE
—◒—	LED-B LUMINAIRE
—○—	AMEREN 250W LUMINAIRE
◓	LED-A LUMINAIRE/TOP MOUNT
◒	LED-B LUMINAIRE/TOP MOUNT
⌀	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
◪	PREFORMED PULL BOX, TYPE 1
———	CABLE CONDUIT
□□□□□	CONDUIT, RIGID (PUSHED)
▬▬▬▬	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 20 OF 23

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	144

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION

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

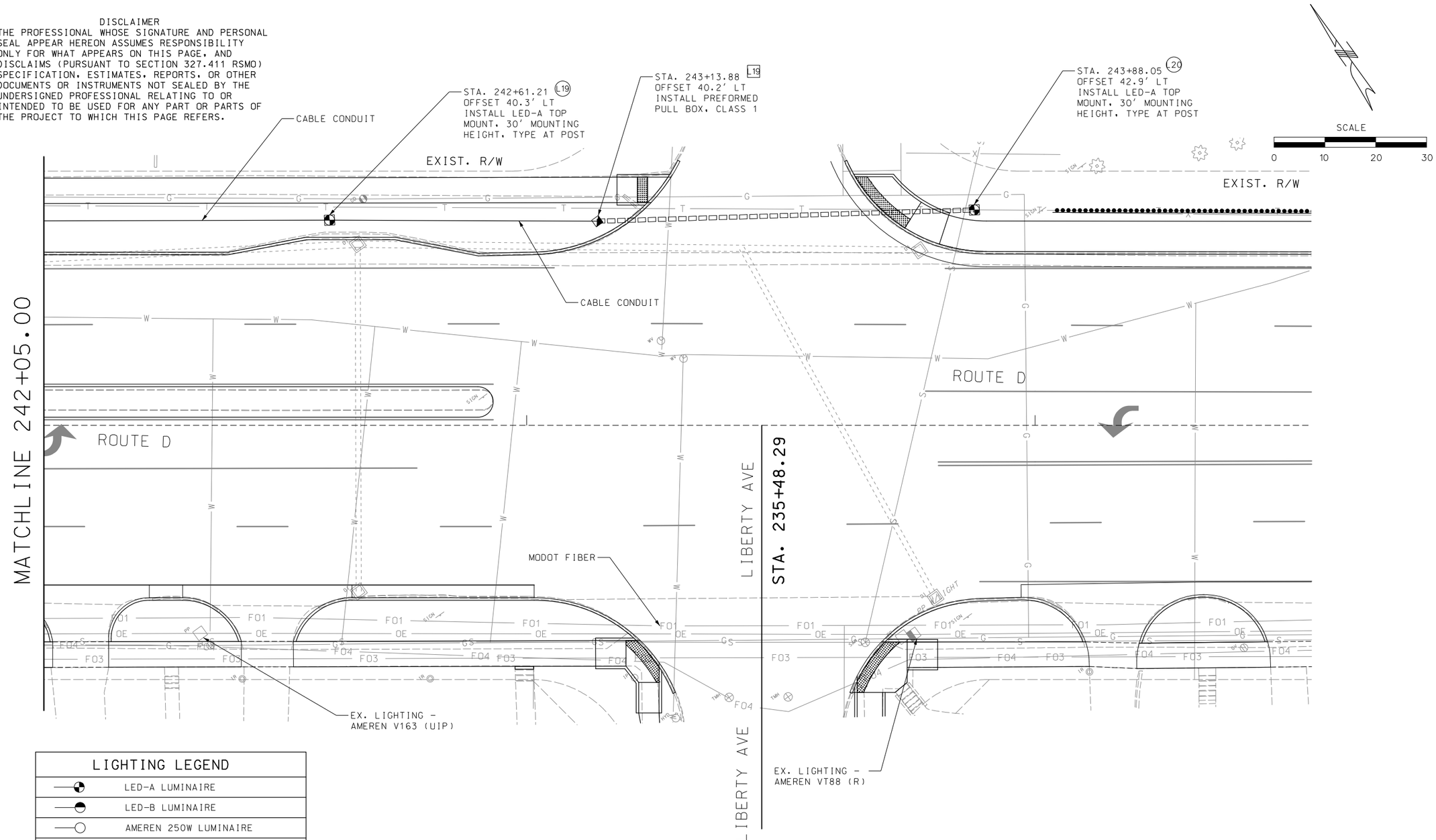
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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Kansas City, MO 64131
Tel (816) 874-4655
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www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010500

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LIGHTING LEGEND	
	LED-A LUMINAIRE
	LED-B LUMINAIRE
	AMEREN 250W LUMINAIRE
	LED-A LUMINAIRE/TOP MOUNT
	LED-B LUMINAIRE/TOP MOUNT
	POWER SUPPLY W/UPS & LIGHTING CONTROLLER
	PREFORMED PULL BOX, TYPE 1
	CABLE CONDUIT
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCHED)

LIGHTING SHEET
ROUTE D
SHEET 21 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	145

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	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)

MoDOT J6S3215 - ROUTE D PROJECT

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Kansas City, MO 64131
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www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010300

145_LT_021_J6S3215_i10.dgn

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

MODOT INTERSECTION LIGHTING QUANTITES

POLES, ARMS AND LUMINAIRES

SHEET	LUMIN. POLE				POLES TYPE AT					B	MB	BRACKET ARMS (ft)						L.E.D. LUMINAIRES (I.E.S. PATTERNS) LED-A					LED-B					LED-C					RELOC.	250W	FOUNDATIONS		CABLE #10 AWG 1 COND. POLE & BRKT.		LUMIN. POLE
NO.	NO.	STATION	OFFSET	LOCATION	50	45	40	35	30	DX	DX	TOP MOUNT	4′	6′	8′	10′	15′	30′	I	II	III	IV	V	I	II	III	IV	V	I	II	III	IV	V	POLE		30′	45′	FEET	CIRCUIT	NO.
125	L1	166+47.58	EXIST.	RTE D																	1																	
126	L2	167+70.89	37.4′ LT	RTE D		1						1														1									1	90	C1	L2
127	L3	170+93.72	EXIST.	RTE D																	1															90		L3
127	L4	171+13.84	EXIST.	RTE D																						1										120		L4
127	L5	172+41.15	EXIST.	RTE D																						1										120		L5
127	L6	172+05.17	EXIST.	RTE D																	1															90		L6
128	L7	176+39.66	39.2′ LT	RTE D		1						1														1									1	90	C2	L7
133	L8	203+20.03	40.6′ LT	RTE D					1			1									1															60	C3	L8
133	L9	205+00.92	42.6′ LT	RTE D					1			1									1															60	C3	L9
136	L10	210+30.77	31.2′ LT	RTE D					1			1									1															60	C3	L10
138	L11	215+58.44	46.4′ LT	RTE D		1						1														1									1	90	C3	L11
140	L12	228+59.78	39.3′ LT	RTE D		1						1														1									1	90	C4	L12
141	L13	230+27.58	93.6′ LT	RTE D		1						1														1									1	90	C4	L13
141	L14	231+90.67	51.9′ LT	RTE D		1						1														1									1	90	C4	L14
141	L15	231+92.65	87.1′ RT	RTE D					1			1									1															60	C4	L15
142	L16	235+73.57	50.1′ LT	RTE D		1						1														1									1	90	C5-1	L16
142	L17	236+37.43	42.7′ LT	RTE D					1			1									1															60	C5-1	L17
144	L18	241+31.67	39.9′ LT	RTE D					1			1									1															60	C5-2	L18
145	L19	242+61.21	40.3′ LT	RTE D					1			1									1															60	C5-2	L19
145	L20	243+88.05	42.9′ LT	RTE D					1			1									1															60	C5-2	L20
				SUBTOTALS EACH:		7			8			15									11					9									8	7	1620		
				TOTALS EACH:		7			8			15									11					9									8	7	1620		

•ITEMS TO BE HANDLED BY AMEREN

RIGID CONDUIT

SHEET NO.	FROM	TO	LOCATION	CIR	TRENCHED(in) 2″	3″	4″	5″	PUSHED(in) 3″	4″	EXTERNAL ON STRUCTURE 2″	3″	4″	5″	TRENCHING T1	T2	T3
	PBL2	PBL1	RTE D							150							
	PBL1	PS	RTE D		11												
	PL8	PL9	RTE D							189							
	PL9	PBL3	RTE D							79							
	PBL4	PBL5	RTE D							46							
	PBL6	PBL7	RTE D							31							
	PBL8	PBL9	RTE D							53							
	PBL9	PS	RTE D		8												
	PL12	PBL10	RTE D							127							
	PL13	PL14	RTE D							176							
	PL14	PBL11	RTE D							99							
	PL15	PBL12	RTE D							113							
	PBL12	PS	RTE D		10												
	PS	PBL13	RTE D		15												
	PBL13	PBL14	RTE D							92							
	PBL14	PBL15	RTE D							53							
	PBL16	PBL17	RTE D							76							
	PBL18	PL18	RTE D							69							
	PBL19	PL20	RTE D							77							
	PL1	PL2													124	13	
	PL7	PBL2													288	29	
	PBL3	PBL4													270	27	
	PBL5	PL10													137	14	
	PL10	PBL6													198	20	
	PBL7	PBL8													212	22	
	PBL9	PL11													36	4	
	PBL10	PL13													69	7	
	PBL11	PL15													56	6	
	PBL14	PL17													8	1	
	PL17	PL16													64	7	
	PBL15	PBL16													114	12	
	PBL17	PBL18													170	17	
	PL18	PL19													130	13	
	PL19	PBL19													53	6	
			TOTALS (FEET):		44					1430					1929	198	

PULL BOXES

SHEET NO.	STATION	OFFSET	LOCATION	P.B. NO.	PRECAST CL 1	DRAIN TYPE I	DRAIN TYPE II A	B	C	CIRCUIT
130	180+66.77	64.7′ LT	RTE D	L1	1	1				C2
130	179+41.66	44.7′ LT	RTE D	L2	1	1				C2
134	205+77.07	45.8′ LT	RTE D	L3	1	1				C3
135	208+46.98	40.8′ LT	RTE D	L4	1	1				C3
135	208+94.51	39.5′ LT	RTE D	L5	1	1				C3
137	212+28.55	45.1′ LT	RTE D	L6	1	1				C3
137	212+61.75	46.2′ LT	RTE D	L7	1	1				C3
138	214+73.14	59.3′ LT	RTE D	L8	1	1				C3
138	215+50.39	81.0′ LT	RTE D	L9	1	1				C3
140	229+83.94	40.9′ LT	RTE D	L10	1	1				C4
141	232+20.96	38.8′ RT	RTE D	L11	1	1				C4
141	230+85.17	64.5′ RT	RTE D	L12	1	1				C4
142	236+59.21	46.6′ RT	RTE D	L13	1	1				C5-1/C5-2
142	236+44.91	46.4′ LT	RTE D	L14	1	1				C5-1/C5-2
143	236+99.82	42.6′ LT	RTE D	L15	1	1				C5-2
143	238+13.51	42.7′ LT	RTE D	L16	1	1				C5-2
143	238+91.56	42.4′ LT	RTE D	L17	1	1				C5-2
144	240+61.21	42.4′ LT	RTE D	L18	1	1				C5-2
145	243+13.88	40.2′ LT	RTE D	L19	1	1				C5-2
			TOTALS:		19		EACH			

SEE LIGHTING DIAGRAM SHEET FOR CIRCUIT DETAILS

1 INCH CABLE-CONDUIT 2 COND. & 1 B.N., #8 AWG

SHEET NO.	CONT. STA.	CIRCUIT	FROM	TO	FEET
		C1	PL1	PL2	134
		C2	PL7	PBL2	299
		C2	PBL2	PBL1	164
		C2	PBL1	PS	22
		C3	PL8	PL9	191
		C3	PL9	PBL3	87
		C3	PBL3	PBL4	282
		C3	PBL4	PBL5	60
		C3	PBL5	PL10	148
		C3	PL10	PBL6	209
		C3	PBL6	PBL7	45
		C3	PBL7	PBL8	224
		C3	PBL8	PBL9	67
		C3	PBL9	PS	19
		C3	PBL9	PL11	47
		C4	PL12	PBL10	135
		C4	PBL10	PL13	80
		C4	PL13	PL14	178
		C4	PL14	PBL11	107
		C4	PBL11	PL15	67
		C4	PL15	PBL12	121
		C4	PBL12	PS	21
		C5-1	PS	PBL13	26
		C5-1	PBL13	PBL14	106
		C5-1	PBL14	PL17	19
		C5-1	PL17	PL16	74
		C5-2	PS	PBL13	26
		C5-2	PBL13	PBL14	106
		C5-2	PBL14	PBL15	67
		C5-2	PBL15	PBL16	126
		C5-2	PBL16	PBL17	90
		C5-2	PBL17	PBL18	182
		C5-2	PBL18	PL18	82
		C5-2	PL18	PL19	140
		C5-2	PL19	PBL19	64
		C5-2	PBL19	PL20	85
				SUBTOTAL:	3880
				SUBTOTAL WITH 5%:	4074
				TOTAL:	4100

PRICE BID FOR POWER SUPPLY ASSEMBLY SHALL INCLUDE CABLE-CONDUIT, CONDUIT AND TRENCHING BETWEEN ASSEMBLY AND UTILITY CO. FACILITIES.

SECONDARY SERVICE — POWER SUPPLY ASSEMBLIES — CONTROL STATIONS

SHEET NO.	STATION	OFFSET	LOCATION	TYPE 3(SIGNAL) LT ONLY 120V	TYPE 2(PED) LT ONLY 240V	LT+ SIG 240/120V	LT ONLY 480V	LT+ SIG 480/120V	✓ DIRECTN TO FACE	P.S. ☐ METER	BKR LITE	BKR SIGS	AMPS CIR	SHEET NO.	STATION	OFFSET	LOCATION	CONTROL LETTER	BREAKERS (AMPS) CIRCUIT MAIN	1	2	3	4	BASE MOUNT✓ 4 CIR. 240V	4 CIR. 480V
127	172+38	61′ RT	ROUTE D			X												A	100	20					
130	180+71	72′ LT	ROUTE D			X												B	100	20					
138	187+98	37′ RT	ROUTE D			X												C	100	20					
141	215+52	77′ LT	ROUTE D			X												D	100	20					
142	230+80	60′ RT	ROUTE D			X												E	100	20	20				
			TOTALS:						EACH								TOTALS, EACH:								
			STD.M901.80														STD. 901.30F								

LIGHTING SHEET
ROUTE D
SHEET 22 OF 23

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 29-AUG-2023
ROUTE D | STATE MO
DISTRICT SL | SHEET NO. 146
COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

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

REV | DATE | DESCRIPTION

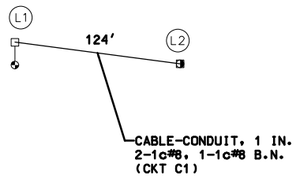
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2005010500

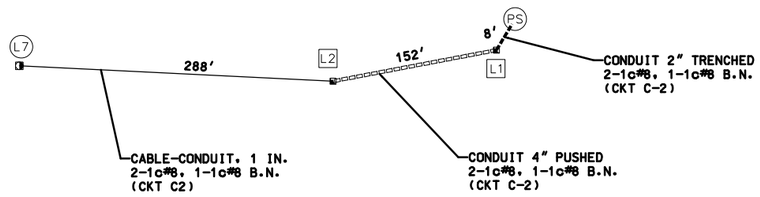
146_LT_022_J6S3215_i10_QUANTITIES.dgn

CIRCUIT 1

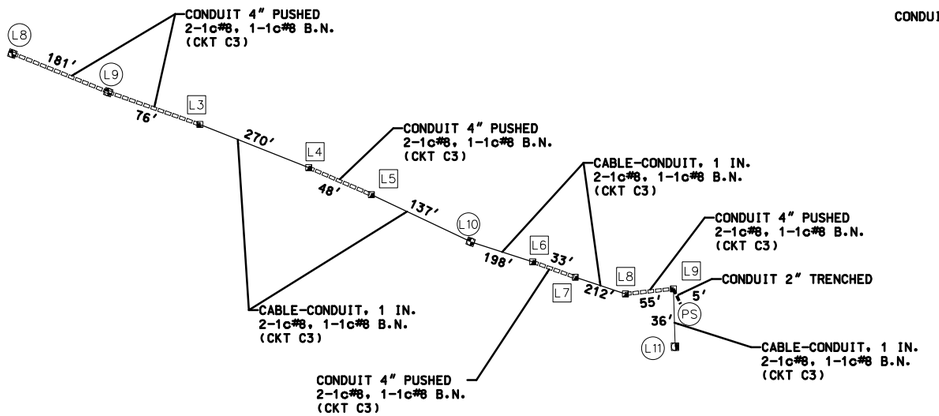


NOT TO SCALE

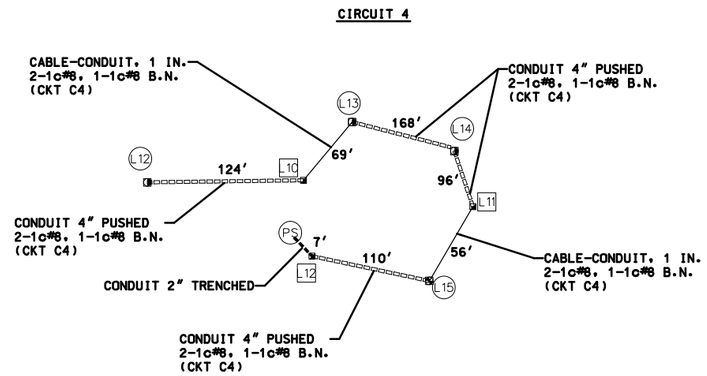
CIRCUIT 2



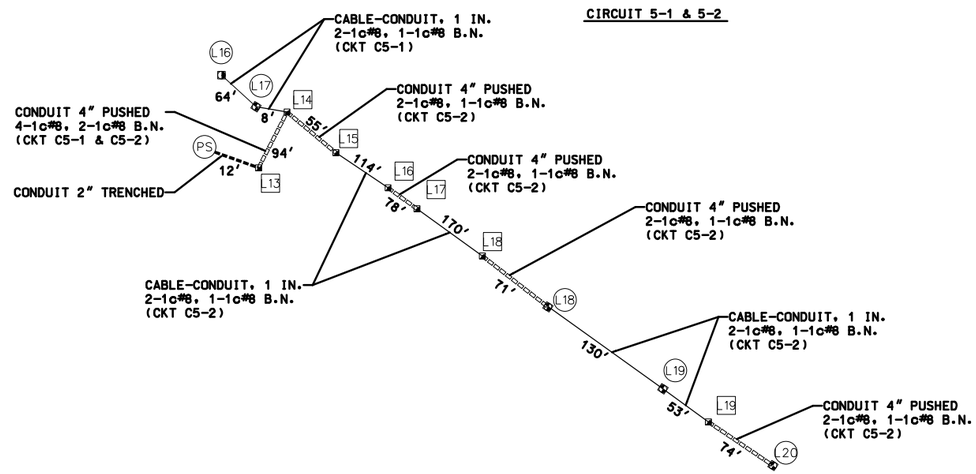
CIRCUIT 3



CIRCUIT 4



CIRCUIT 5-1 & 5-2



LIGHTING SHEET
ROUTE D
SHEET 23 OF 23

THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER

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

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	147

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION

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

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010500

TRAFFIC SIGNAL SHEET
ROUTE D AT
WATERWORKS ROAD

NEXT SIGNAL I-170 900 FT 35 MPH

12' LANE
12' LANE
10' LANE
11' LANE
11' LANE

ROUTE D

EX. SIGNAL POLE AND MAST ARM (UIP)
REPLACE EX. NB PUSHBUTTON ON EX. POLE
REPLACE EX. SB PED SIGNAL ON EX. POLE
REPLACE EX. R10-3E (LEFT) SIGN

EX. RAISED ISLAND(UIP)

EX. RAISED MEDIAN(UIP)

171+00

GRADE -0.2%

MODOT FIBER

EX. R10-12 SIGN (REMOVE AND REPLACE)

EX. RAISED ISLAND (UIP)

EXIST. R/W

EX. PULL BOX (UIP)

GRADE -4.3%

WATERWORKS RD

PAINTED MEDIAN

EX. PULL BOX (UIP)

"WATERWORKS RD" D3-1 SIGN

EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)

EX. SIGNAL POLE AND MAST ARM (UIP)

℄ ROUTE D

PAINTED ISLAND

EX. PULL BOX (UIP)

EX. SIGNAL POLE AND MAST ARM (UIP)
REPLACE EX. NB PUSHBUTTON ON EX. POLE
REPLACE EX. SB PED SIGNAL ON EX. POLE
REPLACE EX. R10-3E (LEFT) SIGN
EB PUSHBUTTON ON EX. POLE
EB PED SIGNAL ON EX. POLE
R10-3E (RIGHT) SIGN

EX. R10-12 SIGN (REMOVE AND REPLACE)

172+00

EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)

"WATERWORKS RD" D3-1 SIGN

EX. RAISED ISLAND (UIP)

EX. SIGNAL POLE AND MAST ARM (UIP)

PUSH BUTTON AND PED. SIGNAL ON 8' POST. TYPE C BASE
R10-3E (LEFT) SIGN

EX. RAISED MEDIAN(UIP)

EX. PULL BOX (UIP)

GRADE -2.1%

EXIST. R/W

EX. CONTROLLER (UIP)

EX. POWER SOURCE(UIP)

INSTALL POWER SUPPLY W/UPS AND LIGHTING CONTROL

GRADE -2.5%

12' LANE
12' LANE
12' LANE
11' LANE
11' LANE

173+00

ROUTE D

NEXT SIGNAL WALTON ROAD 900 FT 35 MPH

SCALE
0 10 20 30

DETAIL (3)
R10-3E (LEFT)

DETAIL (2)
R10-3E (LEFT)
R10-3E (RIGHT)

DETAIL (5)
R10-3E (LEFT)

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.

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
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE

148_SG_001_J6S3215_i10_WATERWORKS.dgn

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 148
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2005010500

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 F 12 | 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 TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | A | A | A | TYPE C & CL SIGNAL SPACING B | C | D | D′ | TYPE C & CL 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. |
|---|---|---

EFFECTIVE: 10-01-2015

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″		
SOURCE	UPS	16		(20)													INCLUDED IN COST OF PS
UPS	CA	28			36												
PB2	P5	9			10												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1C #2	1C #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SRC	UPS	16	(177)													INCLUDED IN COST OF PS
UPS	CA	28		132												
CA	HP94	243				285										
CA	DP93	243			284											
CA	HP93	128				170										
CA	DP94	128			169											
CA	HP91	128				170										
CA	DP92	128			169											
CA	HP91	88				123										
CA	DP92	88			122											
SUBTOTALS				132	744	748										
TOTALS				140	790	790										INCLUDE 5% FOR SNAKING

SUBTOTALS		46
TOTALS		46

INTERSECTION ROUTE D AT WATERWORKS ROAD

D-37B

150_SG_003_J6S3215_D37B_WATERWORKS.dgn

TERESA A. KRENNING NUMBER PE-027536 — STATE OF MISSOURI — PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	150

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			COMBO PS/LIGHTING CONTROLLER & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING✱				LIGHTING CONTROL ✱ (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET XX-XX	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE D	172+38	61' RT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps	1	100 Amps	CI. EXIST. Ft.	AMEREN UE
			Type		Amps	Amps	Amps	Amps		Amps	CI. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF✱ SWITCH		COORDINATION INTERFACE ✱						TIME ✱ CLOCK	NEMA CABINET TYPE ✱			170 CABINET TYPE ✱		170 SOFTWARE ✱	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	172+61	45.1'RT			UIP							UIP					UIP					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1								
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = 0 (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
01 EBL	02 WBTH	NOT USED	04 SB	NOT USED	06 EBTH	NOT USED	08 NB	Ø2 PED	Ø4 PED	NOT USED	NOT USED

SIGNAL SIGNS

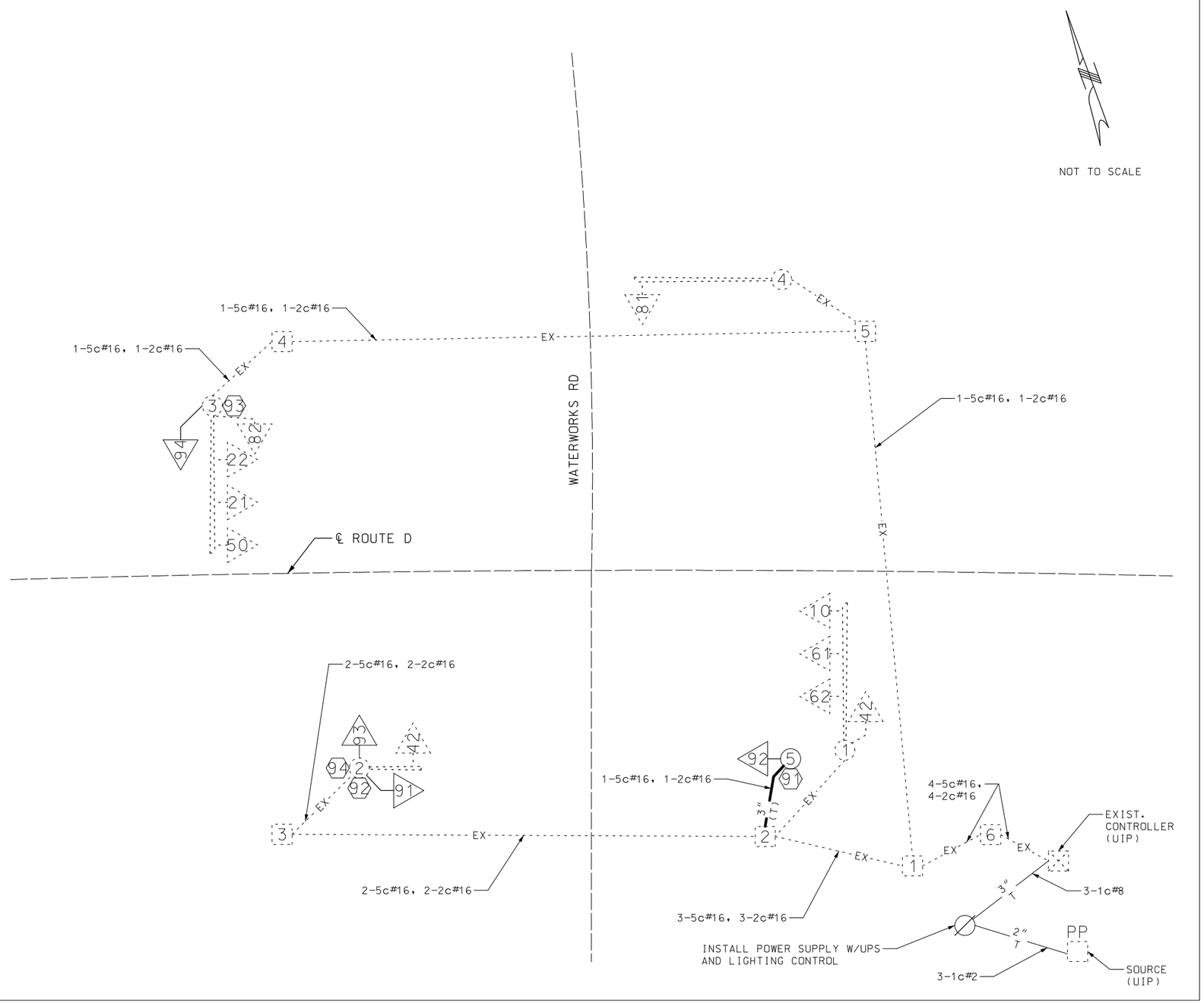
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34
		INCHES	SQ.FT.	SQ.FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
4	D3-1 ✱✱✱	VAR. X 18	7.5/12.0	39.0	4
	D3-1B ✱✱✱	VAR. X 18			
	R10-3EM	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		
1	R10-3ER	9 X 15	0.9	0.9	1
3	R10-3EL	9 X 15	0.9	2.7	3
2	R10-12	30 X 36	7.5	15.0	2
			SUBTOTAL	57.6	10
			TOTAL	58.0	10

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND ✱	CALL UNIT ✱	
	ALL					UIP
93	SB PED - WEST SIDE	1				
94	NB PED - WEST SIDE	1				
91	WB PED - SOUTH SIDE	1				
92	EB PED - SOUTH SIDE	1				

EFFECTIVE 12-01-17

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
PP	POWER POLE

ROUTE D AT
WATERWORKS ROAD

INTERSECTION

D-37D

152_SG_005_J6S3215_D37D_WATERWORKS.dgn

TERESA A. KRENNING NUMBER PE-027536
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	152

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

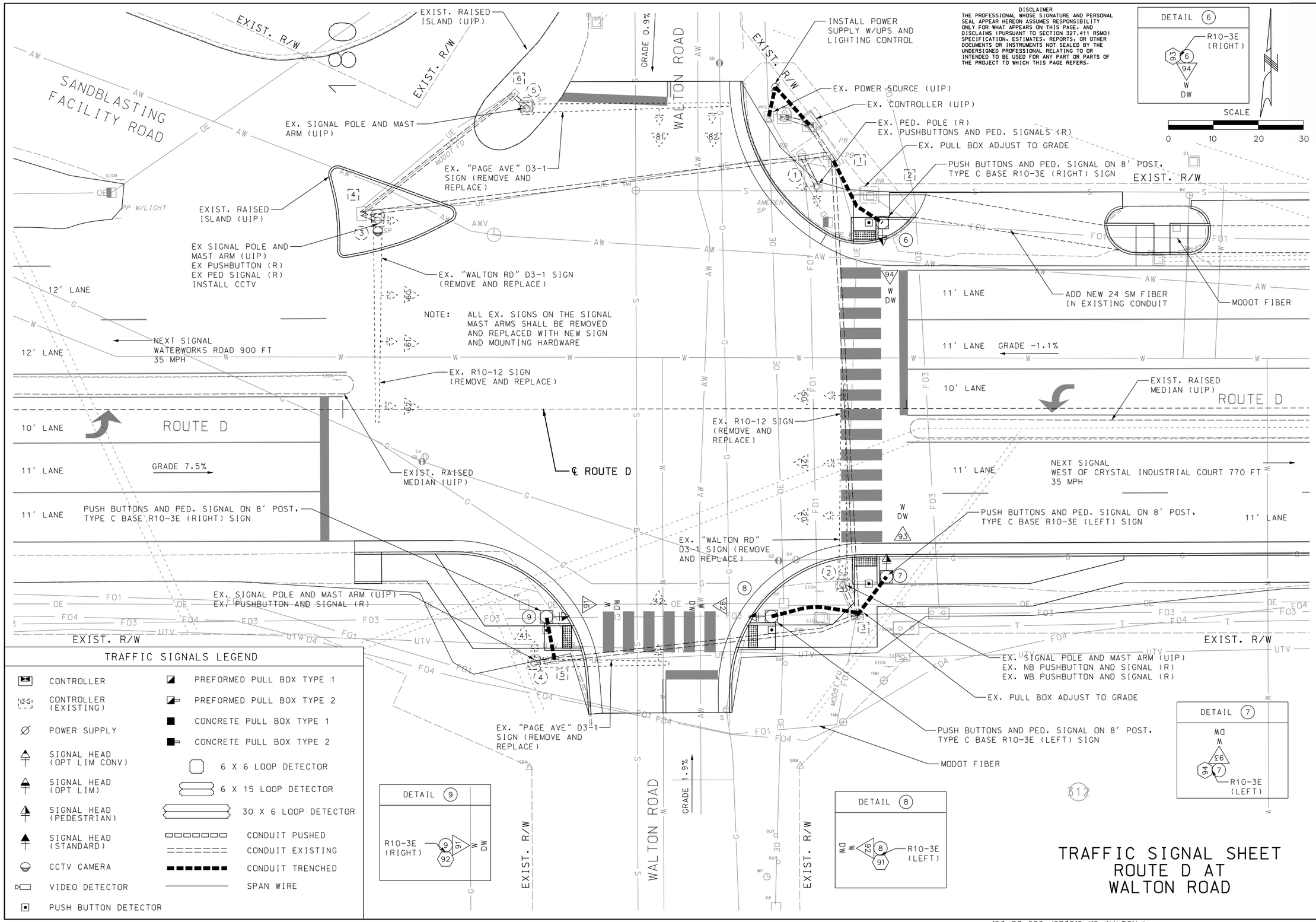
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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Fax (816) 874-4675
www.thiekdesigngroup.com

Missouri Cert. of Authority 2002010500

DESIGN GROUP, LLC



TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	153

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4855
Fax (816) 874-4875
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002070500

153_SG_006_J6S3215_i10_WALTON.dgn

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 F 12 | 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 TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D′ | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D′ | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H′ | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H′ | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N′ | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N′ | INCLUDED ANGLE | LUMINAIRE BRACKET ARM** 4 FT. | LUMINAIRE BRACKET ARM** 6 FT. | LUMINAIRE BRACKET ARM** 8 FT. | LUMINAIRE BRACKET ARM** 10 FT. | LUMINAIRE BRACKET ARM** 12 FT. | LUMINAIRE BRACKET ARM** 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

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″		
SOURCE	PS	7		(7)													INCLUDED IN COST OF PS
PS	CA	11			15												
PB1	P6	19			20												
PB3	P7	11			12												
PB3	P8	20			21												
PB5	P9	10			11												
SUBTOTALS					79												
TOTALS					79												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c #2	1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SRC	PS	7	(150)													INCLUDED IN COST OF PS
PS	CA	11		81												
CA	HP94	29				53										
CA	DP93	29			52											
CA	HP93	123				153										
CA	DP94	123			152											
CA	HP92	125				162										
CA	DP91	125			161											
CA	HP91	190				226										
CA	DP92	190			225											
SUBTOTALS				81	590	594										
TOTALS				90	620	630										INCLUDES 5% FOR SNAKING

INTERSECTION ROUTE D AT WALTON ROAD

D-37B

155_SG_008_J6S3215_D37B_WALTON.dgn

TERESA A. KRENNING NUMBER PE-027536 STATE OF MISSOURI PROFESSIONAL ENGINEER

THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED 29-AUG-2023

ROUTE D | STATE MO

DISTRICT SL | SHEET NO. 155

COUNTY ST. LOUIS

JOB NO. J6S3215

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING✱				LIGHTING CONTROL ✱ (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET YY-YY	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE D	180+71	72' LT	Type	1	15 Amps	15 Amps	100 Amps	Amps		Amps	Cl. EXIST. Ft.	AMEREN UE
			Type		Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF✱ SWITCH TYPE		COORDINATION INTERFACE ✱						TIME ✱ CLOCK	NEMA CABINET TYPE ✱			170 CABINET TYPE ✱		170 SOFTWARE ✱	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	180+79	64' LT			UIP							UIP										

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1								
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
01	02	NOT USED	04	05	06	NOT USED	08	Ø2 PED		NOT USED	Ø8 PED

REMOVE Ø6 PED FROM SIGNAL CONTROLLER.
REMOVE LOAD SWITCH 11 FROM CABINET.

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		
4	D3-1 ✱✱✱	VAR. X 18	7.5/8.25	31.5	4
	D3-1B ✱✱✱	VAR. X 18			
	R10-3EM	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		
2	R10-3ER	9 X 15	0.9	1.8	2
2	R10-3EL	9 X 15	0.9	1.8	2
2	R10-12	30 X 36	7.5	15.0	2
			SUBTOTAL	50.1	10
			TOTAL	51.0	10

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND ✱	CALL UNIT ✱	
	ALL					UIP
91	WB PED - SOUTH SIDE	1				
92	EB PED - SOUTH SIDE	1				
93	SB PED - EAST SIDE	1				
94	NB PED - EAST SIDE	1				
TOTAL		4				

✱ ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

✱✱✱ USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

ROUTE D AT
WALTON ROAD
INTERSECTION

D-37C

156_SG_009_J6S3215_D37C_WALTON.dgn

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	156

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REVISION	REV	DATE	DESCRIPTION
	0	072123	FINAL PS&E

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

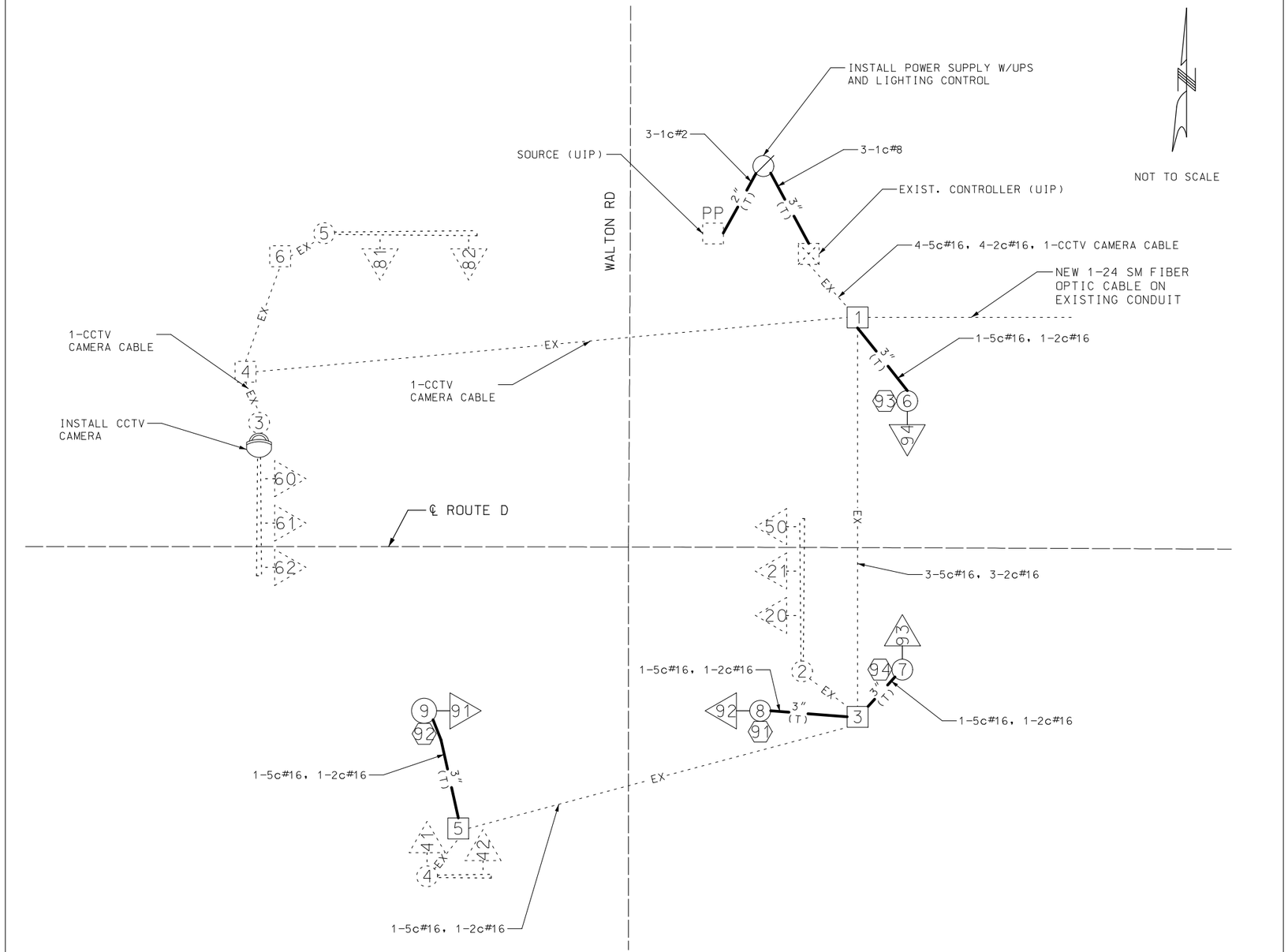
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010050

EFFECTIVE 12-01-17

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
PP	POWER POLE
	CCTV

ROUTE D AT
WALTON ROAD

INTERSECTION

D-37D

157_SG_010_J6S3215_D37D_WALTON.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	157

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
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www.trekkdesigngroup.com

Missouri Cert. of Authority 2002010090

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.

DETAIL (4)
R10-3E (RIGHT)
P41 4 P42
W
DW

INSTALL CCTV CAMERA
SIGNAL MAST ARM 35' ARM TYPE CL POST TYPE A BASE
ADD NEW 24 SM FIBER IN EXISTING CONDUIT
STA. 188+11.38 OFFSET 39.6' LT INSTALL PREFORMED PULLBOX, CLASS 2
ITS PULLBOX CLASS 2
PUSH BUTTON AND PED. SIGNAL ON 8' POST TYPE C BASE
MODOT FIBER
EXIST. R/W
DO NOT DISTURB EXISTING MODOT FIBER
LUMINAIRE #2 LED A 30 FT MOUNTING HEIGHT 15 FT ARM
R10-SPECIAL SIGN
NEXT SIGNAL WALTON ROAD 770 FT 35 MPH
12' LANE
R10-23 SIGN
℄ ROUTE D
GRADE 4.6%
GRADE -3.0%
NEXT SIGNAL WEST OF ERMES DRIVE 1600 FT 35 MPH
ITS PULLBOX, CLASS 5
LUMINAIRE #1 LED A 30 FT MOUNTING HEIGHT 15 FT ARM
314.99'(R)
SIGNAL MAST ARM 35' ARM TYPE CL POST TYPE A BASE
PUSH BUTTON AND PED. SIGNAL ON 8' POST TYPE C BASE
STA. 188+10.26 OFFSET 37.2' RT INSTALL PREFORMED PULLBOX, CLASS 2
INSTALL CONTROLLER
INSTALL PAD MOUNTED 120V SIGNAL POWER SUPPLY W/UPS AND 120V LIGHTING CONTROL
AMEREN TRANSFORMER POLE

DETAIL (2)
M
DM
P41 2 P42
R10-3E (LEFT)

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
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE

TRAFFIC SIGNAL SHEET
ROUTE D AT
WEST OF CRYSTAL INDUSTRIAL COURT

158_SG_011_J6S3215_i10_CRYSTAL.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	158

COUNTY
ST. LOUIS
JOB NO.
J6S3215
CONTRACT ID.
.
PROJECT NO.
.
BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010080

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 F 12 | BASE C | BASE CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PULL BOX PREFORMED CLASS 2 | PULL BOX PREFORMED CLASS 3 | PULL BOX PREFORMED CLASS 5 | PULL BOX CONCRETE STANDARD | PULL BOX CONCRETE DOUBLE, TYPE A | PULL BOX CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | POST TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL ARM LENGTH A | POST TYPE C & CL SIGNAL SPACING B | POST TYPE C & CL SIGNAL SPACING C | POST TYPE C & CL SIGNAL SPACING D | POST TYPE C & CL SIGNAL SPACING D′ | POST TYPE C & CL SIGN SPACING B | POST TYPE C & CL SIGN SPACING C | POST TYPE C & CL SIGN SPACING D | POST TYPE C & CL SIGN SPACING D′ | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH E | POST TYPE B & BL ARM LENGTH K | POST TYPE B & BL LEFT ARM E SIGNAL SPACING F | POST TYPE B & BL LEFT ARM E SIGNAL SPACING G | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H | POST TYPE B & BL LEFT ARM E SIGNAL SPACING H′ | POST TYPE B & BL LEFT ARM E SIGN SPACING F | POST TYPE B & BL LEFT ARM E SIGN SPACING G | POST TYPE B & BL LEFT ARM E SIGN SPACING H | POST TYPE B & BL LEFT ARM E SIGN SPACING H′ | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING L | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING M | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N | POST TYPE B & BL RIGHT ARM K SIGNAL SPACING N′ | POST TYPE B & BL RIGHT ARM K SIGN SPACING L | POST TYPE B & BL RIGHT ARM K SIGN SPACING M | POST TYPE B & BL RIGHT ARM K SIGN SPACING N | POST TYPE B & BL RIGHT ARM K SIGN SPACING N′ | POST TYPE B & BL INCLUDED ANGLE | LUMINAIRE BRACKET ARM** 4 FT. | LUMINAIRE BRACKET ARM** 6 FT. | LUMINAIRE BRACKET ARM** 8 FT. | LUMINAIRE BRACKET ARM** 10 FT. | LUMINAIRE BRACKET ARM** 12 FT. | LUMINAIRE BRACKET ARM** 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

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"		
SOURCE	PS	29		(33)													INCLUDED IN COST OF PS
PB1	P1	15			18												
PB1	P2	9			10												
PB1	CA	5			16												2x8'
PB1	PB2	77							75								
PB2	P3	6			7												
PB2	P4	9			10												
CA	PS	6			10												
PS	PB1	14			13												
SUBTOTALS					84				75								
TOTALS					84				75								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c #2	1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SOURCE	PS	29	(216)													INCLUDED IN COST OF PS
PS	CA	6		66												
CA	HP41	14				38										
CA	HP42	91				121										
CA	DP41	91			120											
CA	DP2	14			37											
CA	H61	88					157									
CA	H62	88					145									
CA	H21	20					83									
CA	H22	20					71									
PS	L#1	26								51						
PS	L#2	88								119						
P1	L#1										90					
P3	L#2										90					
SUBTOTALS				66	157	159	456			170	180					
TOTALS				70	170	170	480			180	190					INCLUDE 5% FOR SNAKING

INTERSECTION RTE D AT MIDBLOCK PED CROSSING WEST OF CRYSTAL IND CT D-37B

160_SG_013_J6S3215_D37B_CRYSTAL.dgn

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

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	160

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

TREK DESIGN GROUP, LLC
1411 East 104th St.
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Tel (816) 874-4655
Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			COMBO PS/LIGHTING CONTROLLER & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING✱				LIGHTING CONTROL ✱ (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET XX-XX	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE D	187+98	37' RT	Type	1	15 Amps	15 Amps	100 Amps	100 Amps	15	15 Amps	Cl. EXIST. Ft.	AMEREN UE
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF✱ SWITCH TYPE		COORDINATION INTERFACE ✱						TIME ✱ CLOCK	NEMA CABINET TYPE ✱			170 CABINET TYPE ✱		170 SOFTWARE ✱	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	188+05	38' RT			1									1			1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1								
	2								

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
NOT USED	Ø2 WB	NOT USED	Ø4 PED	NOT USED	Ø6 EB	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED

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			
	R10-3EM	9 X 15			
	R10-11A	24 X 30			
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
1	R10-3ER	9 X 15	0.9	0.9	1
1	R10-3EL	9 X 15	0.9	0.9	1
2	R10-23	24 X 30	5.0	10.0	2
2	R10-SPECIAL	36 X 36	9.0	18.00	2
			SUBTOTAL	29.8	6
			TOTAL	30.0	6

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND ✱	CALL UNIT ✱	
21	SB ROUTE D	1				
22	NB ROUTE D	1				
TOTAL		2				

PAD MOUNTED 120V SIGNAL POWER SUPPLY & 120V LIGHTING CONTROLLER

TOTAL = 1 EACH

✱ ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

✱✱✱ USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) THE HYBRID BEACON WILL NEED TO OPERATE VIA LOGIC GATES. THE SIGNAL CONTROLLER SHALL HAVE THIS CAPABILITY AND NO ADJUSTMENTS TO THIS NOTE WILL BE ALLOWED. PLEASE SEE HYBRID BEACON JSP FOR FURTHER GUIDANCE.

(4) NO DETECTION IS SHOWN AT THIS INTERSECTION.

(5) CABINET, CONTROLLER, AND MONITORS SHALL BE CONFIGURED FOR PEDESTRIAN HYBRID BEACON (HAWK) OPERATION AS NOTED.

ROUTE D AT
MIDBLOCK PEDESTRIAN CROSSING
WEST OF CRYSTAL INDUSTRIAL CT

INTERSECTION

D-37C

161_SG_014_J6S3215_D37C_CRYSTAL.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED, SEALED AND DATED IN ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	161

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REVISION	DESCRIPTION	DATE	REV
	FINAL PS&E	072123	0

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

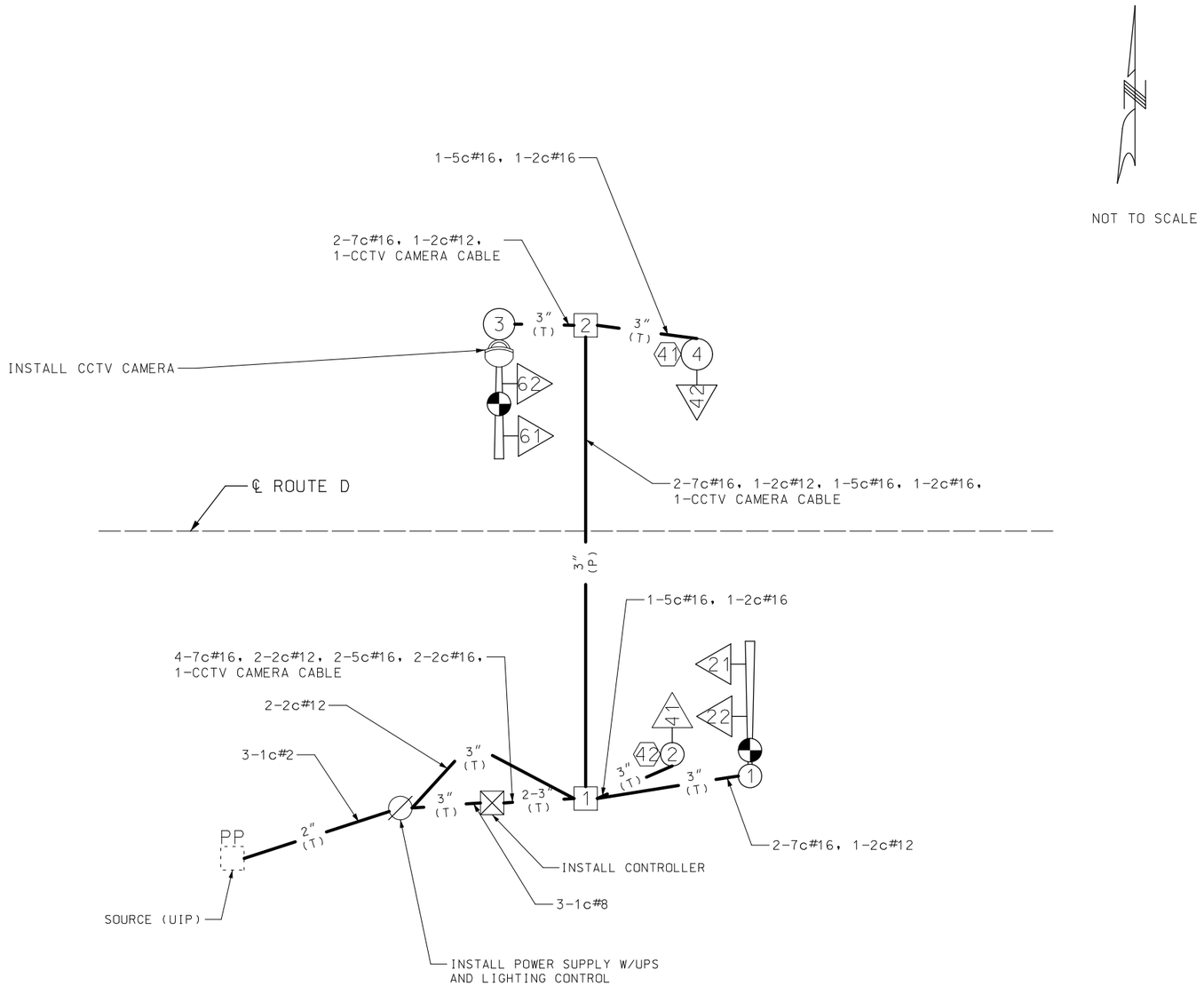
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010050

EFFECTIVE 12-01-17

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
PP	POWER POLE
	CCTV

ROUTE D AT
PEDESTRIAN MIDBLOCK CROSSING
WEST OF CRYSTAL INDUSTRIAL CT

INTERSECTION

D-37D

162_SG_015_J6S3215_D37D_CRYSTAL.dgn

TERESA A. KRENNING
NUMBER PE-027536
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	162

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

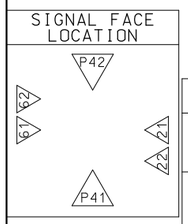
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4855
Fax (816) 874-4875
www.trekdesigngroup.com

Missouri Cert. of Authority 2002070090

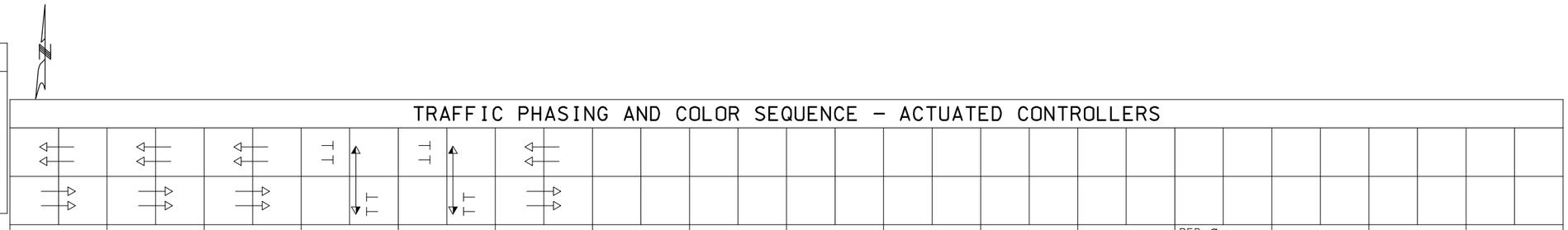
TREKK DESIGN GROUP, LLC

EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE – ACTUATED CONTROLLERS



| | | |

MODOT FIBER
EXIST. R/W
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
EX. PULL BOX ADJUST TO GRADE
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. PUSHBUTTON AND PED. SIGNAL (R)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
NEXT SIGNAL PHB WEST OF ERMES DRIVE 1110 FT 35 MPH
ROUTE D
11' LANE
EXIST. RAISED MEDIAN (UIP)
GRADE -0.7%
12' LANE
EXIST. R/W
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. SIGNAL POLE (UIP) EX PUSHBUTTON AND PED. SIGNAL (R)
EX. PULL BOX ADJUST TO GRADE
EX SIGNAL POLE AND MAST ARM (UIP)
EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)
EX. R10-12 SIGN (REMOVE AND REPLACE)
PUSH BUTTONS AND PED. SIGNALS ON 8' POST, TYPE C BASE R10-3E (LEFT) SIGNS
EXIST. R/W
NORTH & SOUTH ROAD
GRADE -5.0%
EXIST. R/W
EX. "NORTH & SOUTH RD" D3-1 SIGN (REMOVE AND REPLACE)
"PAGE AVE" D3-1 SIGN
NOTE: ALL EX. SIGNS ON THE SIGNAL MAST ARMS SHALL BE REMOVED AND REPLACED WITH NEW SIGNS AND MOUNTING HARDWARE
EX. R10-12 SIGN (REMOVE AND REPLACE)
GRADE 6.9%
NORTH & SOUTH ROAD
EXIST. R/W
INSTALL POWER SUPPLY W/UPS AND LIGHTING CONTROL
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. CONTROLLER (UIP)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. WB PUSHBUTTON AND SIGNAL (R)
EX. SB PUSHBUTTON AND SIGNAL (R)
ADJUST SIDEWALK AROUND EX. SIGNAL BASE
REMOVE AND REPLACE CCTV
EXISTING PERMANENT EASEMENT
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
EXIST. R/W
MODOT FIBER
12' LANE
GRADE -1.9%
11' LANE
ROUTE D
10' LANE
EXIST. RAISED MEDIAN (UIP)
℄ ROUTE D
11' LANE
NEXT SIGNAL MIDLAND BOULEVARD 1590 FT 35 MPH
EX. R10-12 SIGN (REMOVE AND REPLACE)
11' LANE
MODOT FIBER
EX. "NORTH & SOUTH RD" D3-1 SIGN (REMOVE AND REPLACE)
PUSH BUTTONS AND PED. SIGNALS ON 8' POST, TYPE C BASE R10-3E (RIGHT) SIGNS
EXIST. R/W
EX. PULL BOX ADJUST TO GRADE
EX SIGNAL POLE AND MAST ARM (UIP) EX PUSHBUTTONS AND PED. SIGNALS (R)
PUSH BUTTONS AND PED. SIGNALS ON 8' POST, TYPE C BASE R10-3E (LEFT) SIGNS
EXIST. R/W
NORTH & SOUTH ROAD
GRADE -5.0%
EXIST. R/W

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.

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
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE

TRAFFIC SIGNAL SHEET ROUTE D AT NORTH & SOUTH ROAD

164_SG_017_J6S3215_i10_NORTH-AND-SOUTH.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS WRITTEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
30-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	164

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-6555
Fax (816) 874-6575
www.trekkdesigngroup.com

Missouri Cert. of Authority 2005019200

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 F 12 | BASE C | BASE 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 | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | POST TYPE C & CL 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' | POST TYPE B & BL ARM LENGTH E | ARM LENGTH K | ARM LENGTH E | ARM LENGTH K | ARM LENGTH E | LEFT ARM E SIGNAL SPACING F | LEFT ARM E SIGNAL SPACING G | LEFT ARM E SIGNAL SPACING H' | LEFT ARM E SIGN SPACING F | LEFT ARM E SIGN SPACING G | LEFT ARM E SIGN SPACING H | LEFT ARM E SIGN SPACING H' | RIGHT ARM K SIGNAL SPACING L | RIGHT ARM K SIGNAL SPACING M | RIGHT ARM K SIGNAL SPACING N | RIGHT ARM K SIGNAL SPACING N' | RIGHT ARM K SIGN SPACING L | RIGHT ARM K SIGN SPACING M | RIGHT ARM K SIGN SPACING N | RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

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"		
SOURCE	PS	5		(5)													INCLUDED IN COST OF PS
PS	CA	12			16												
PB1	P6	18			19												
PB1	P13	18			19												
PB2	P7	8			9												
PB2	P8	9			10												
PB3	P9	17			18												
PB3	P10	46			47												
PB4	P11	12			13												
PB4	P12	22			23												
SUBTOTALS					174												
TOTALS					174												

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c #2	1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SOURCE	PS	5	(144)													INCLUDE 5% FOR SNAKING
PS	CA	12		84												
CA	HP94	28				52										
CA	DP93	28			51											
CA	HP95	28				52										
CA	DP96	28			51											
CA	HP93	120				150										
CA	DP94	120			149											
CA	HP92	121				151										
CA	DP91	121			150											
CA	HP91	195				231										
CA	DP92	195			230											
CA	HP98	224				260										
CA	DP97	224			259											
CA	HP97	94				124										
CA	DP98	94			123											
CA	HP96	104				134										
CA	DP95	104			133											
SUBTOTALS				84	1146	1154										
TOTALS				90	1210	1220										

INTERSECTION ROUTE D AT NORTH & SOUTH ROAD

D-37B

166_SG_019_J6S3215_D37B_NORTH-AND-SOUTH.dgn

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

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	166

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET YY-YY	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE D	215+52	77' LT	Type 2	1	15 Amps	15 Amps	100 Amps	- Amps		- Amps	CI.EXIST. Ft.	AMEREN UE
-	-	-	Type -	-	15 Amps	- Amps	- Amps	- Amps		- Amps	CI. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	215+55	66' LT	-	-	UIP	-	-	-	-	-	-	UIP	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
-	ALL	-	-	-	-	UIP
91	WB PED - SOUTH SIDE	1				
92	EB PED - SOUTH SIDE	1				
93	SB PED - EAST SIDE	1				
94	NB PED - EAST SIDE	1				
95	EB PED - NORTH SIDE	1				
96	WB PED - NORTH SIDE	1				
97	NB PED - WEST SIDE	1				
98	SB PED - WEST SIDE	1				
TOTAL		8				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
NOT USED	02	NOT USED	04	NOT USED	06	NOT USED	08	Ø2 PED	Ø4 PED	Ø6 PED	Ø8 PED

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		
4	D3-1 ***	VAR. X 18	12.0/7.5	39.0	4
	D3-1B ***	VAR. X 18			
	R10-3EM	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		
4	R10-3ER	9 X 15	0.9	3.6	4
4	R10-3EL	9 X 15	0.9	3.6	4
3	R10-12	30 X 36	7.5	22.5	3
			SUBTOTAL	68.7	15
			TOTAL	69.0	15

ROUTE D AT
NORTH & SOUTH ROAD
INTERSECTION

D-37C

167_SG_020_J6S3215_D37C_NORTH-AND-SOUTH.dgn

TERESA A. KRENNING NUMBER PE-027536 STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	167

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

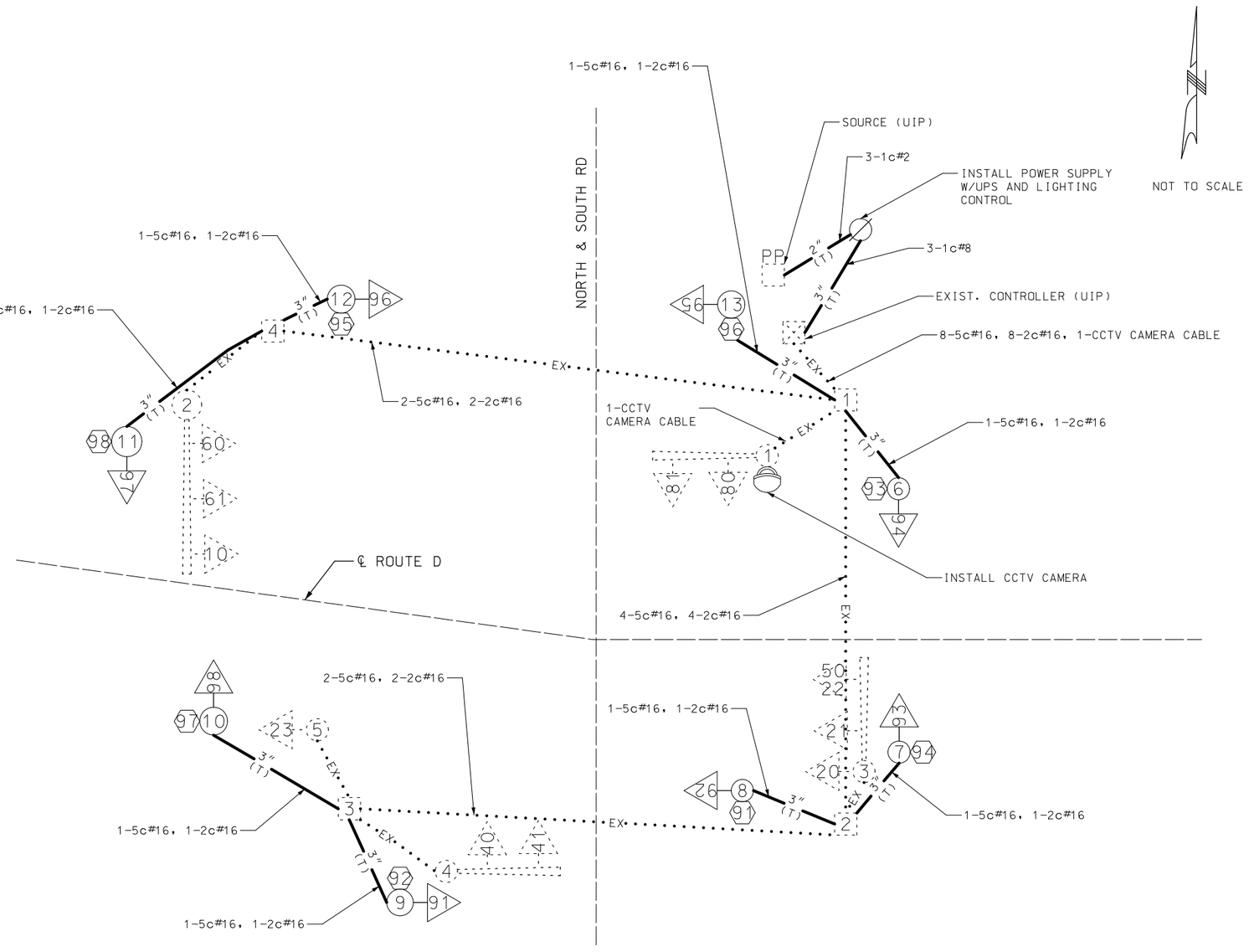
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010050

EFFECTIVE 12-01-17

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
PP	POWER POLE
	CCTV

ROUTE D AT
NORTH & SOUTH ROAD

INTERSECTION

D-37D

168_SG_021_J6S3215_D37D_NORTH-AND-SOUTH.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	168

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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Kansas City, MO 64131
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Missouri Cert. of Authority #2002019200

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STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	169

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

DESIGN GROUP, LLC
TREKK
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4975
www.trekdesigngroup.com
Missouri Cert. of Authority: 2002010500

SCALE
0 10 20 30

RAISED ISLAND
EXISTING R/W
180.09(R)
N 230
NEXT SIGNAL MIDBLOCK CROSSING WASHINGTON STREET 490 FT
GRADE 3.4%
MIDLAND BOULEVARD
EX. RAISED ISLAND (UIP)
EX. CONDUIT (TO BE ABANDONED)
EX. SIGNAL AND MAST ARM (UIP)
EX. PUSH BUTTONS AND PED. SIGNALS (R)
EX. PULL BOX (REMOVE AND REPLACE)
EX. "MIDLAND BLVD" D3-1 SIGN (REMOVE AND REPLACE)
NEXT SIGNAL NORTH & SOUTH ROAD 1590 FT 35 MPH
11' LANE
10' LANE
ROUTE D
℄ ROUTE D
GRADE -2.5%
EX. R3-5 SIGN (REMOVE AND REPLACE)
EX. R10-12 SIGN (REMOVE AND REPLACE)
EX. R10-12 SIGN (REMOVE AND REPLACE)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
INSTALL PULL BOX, CLASS 3
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. CONDUIT (TO BE ABANDONED)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGNS
EX. PULL BOX ADJUST TO GRADE
EX. CONTROLLER (UIP)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. PUSH BUTTONS AND PED. SIGNALS (R)
EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)
EX. CONDUIT (UIP)
EX. CONDUIT (UIP)
EXISTING R/W
INSTALL POWER SUPPLY W/ UPS AND LIGHTING CONTROL
EXIST. POWER SOURCE (UIP)
EX. CONDUIT (UIP)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGNS
MODOT FIBER
NEXT SIGNAL N. HANLEY ROAD 1140 FT
GRADE -3.2%
EX. R10-12 SIGN (REMOVE AND REPLACE)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. WB PUSH BUTTON AND PED. SIGNAL (R)
REPLACE WB PUSHBUTTON ON SOUTH SIDE OF EX. POLE
REPLACE WB PED SIGNAL HEAD ON EX. POLE
REPLACE R10-3 (LEFT) SIGN
EX. SB PUSH BUTTON AND PED. SIGNAL (R)
EX. LUMINAIRE (R)
EX. PULL BOX ADJUST TO GRADE
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
68.58'(C)
EXISTING R/W
11' LANE
NEXT SIGNAL HANLEY ROAD 440 FT 35 MPH
GRADE 3.1%
ROUTE D
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. WB & NB PUSH BUTTON AND PED. SIGNAL (R)
REPLACE WB & NB PUSH BUTTON ON EX. POLE
REPLACE WB & NB PED SIGNAL HEAD ON EX. POLE
REPLACE R10-3E (LEFT AND RIGHT) SIGNS
EX. PULL BOX ADJUST TO GRADE NOTCH ISLAND AROUND PULL BOX
RAISED ISLAND
EX. R10-12 SIGN (REMOVE AND REPLACE)
60.00'(R)

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
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE

TRAFFIC SIGNAL SHEET ROUTE D AT MIDLAND BOULEVARD

169_SG_022_J6S3215_i10_MIDLAND.dgn

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 F 12 | 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 TOP MOUNT POST 8 FT. | POST TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D′ | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D′ | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H′ | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H′ | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N′ | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N′ | INCLUDED ANGLE | LUMINAIRE BRACKET ARM** 4 FT. | LUMINAIRE BRACKET ARM** 6 FT. | LUMINAIRE BRACKET ARM** 8 FT. | LUMINAIRE BRACKET ARM** 10 FT. | LUMINAIRE BRACKET ARM** 12 FT. | LUMINAIRE BRACKET ARM** 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

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″		
SOURCE	PS	6		(6)													INCLUDED IN COST OF PS
PS	CA	11			15												
PB1	P6	15			16												
PB1	P5	18			19												
PB1	PB3	77							75								
PB3	P7	9			10												
PB3	P8	9			10												
PB3	PB4	85							83								
PB4	P9	5			6												
PB3	P3	19			20												
SUBTOTALS					96				158								
TOTALS					96				158								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c #2	1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SOURCE	PS	6	(147)													INCLUDE IN COST OF PS
PS	CA	11		81												
CA	HP91	29				53										
CA	DP92	29			52											
CA	HP98	26				50										
CA	DP97	26			49											
CA	HP97	97				127										
CA	DP98	97			126											
CA	HP96	97				127										
CA	DP95	97			126											
CA	HP94	178				214										
CA	DP93	178			213											
CA	HP95	180				216										
CA	DP96	180			215											
CA	HP93	107				137										
CA	DP94	107			136											
CA	HP92	107				137										
CA	DP91	107			136											
SUBTOTALS				81	1053	1061										
TOTALS				90	1110	1120										INCLUDE 5% FOR SNAKING

INTERSECTION ROUTE D AT MIDLAND BOULEVARD

D-37B

171_SG_024_J6S3215_D37B_MIDLAND.dgn

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TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
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DATE PREPARED
29-AUG-2023

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D	MO

DISTRICT	SHEET NO.
SL	171

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MoDOT J6S3215 - ROUTE D PROJECT

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Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING✱				LIGHTING CONTROL ✱ (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
							MAIN BREAKER					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET YY-YY	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
ROUTE D	230+80	60' RT	Type	1	15 Amps	15 Amps	100 Amps	- Amps		- Amps	CI. EXIST. Ft.	AMEREN UE
	-	-	Type	-	- Amps	- Amps	- Amps	- Amps		- Amps	CI. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF✱ SWITCH		COORDINATION INTERFACE ✱						TIME ✱ CLOCK	NEMA CABINET TYPE ✱			170 CABINET TYPE ✱		170 SOFTWARE ✱	
							TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	230+81	49' RT	-	-	UIP	-	-	-	UIP	-	-	UIP	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND ✱	CALL UNIT ✱	
-	ALL APPROACHES		-	-	-	UIP
91	WB PED - SOUTH SIDE	1				
92	EB PED - SOUTH SIDE	1				
93	SB PED - EAST SIDE	1				
94	NB PED - EAST SIDE	1				
95	EB PED - NORTH SIDE	1				
96	WB PED - NORTH SIDE	1				
97	NB PED - WEST SIDE	1				
98	SB PED - WEST SIDE	1				
TOTAL		8				

✱ ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

✱✱✱ USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
01	02	03	04	05	06	07	08	Ø2 PED	Ø4 PED	Ø6 PED	Ø8 PED

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		
1	R3-5L	30 X 36	7.5	7.5	1
	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		
4	D3-1 ✱✱✱	VAR. X 18	10.5/7.5	36.0	4
	D3-1B ✱✱✱	VAR. X 18			
	R10-3EM	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		
4	R10-3ER	9 X 15	0.9	3.6	4
4	R10-3EL	9 X 15	0.9	3.6	4
4	R10-12	30 X 36	7.5	30.0	4
			SUBTOTAL	80.7	17
			TOTAL	81.0	17

ROUTE D AT
MIDLAND BOULEVARD
INTERSECTION

D-37C

172_SG_025_J6S3215_D37C_MIDLAND.dgn

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI
PROFESSIONAL ENGINEER
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DATE PREPARED
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ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	172

COUNTY
ST. LOUIS

JOB NO.
J6S3215

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PROJECT NO.
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0	072123	FINAL PS&E

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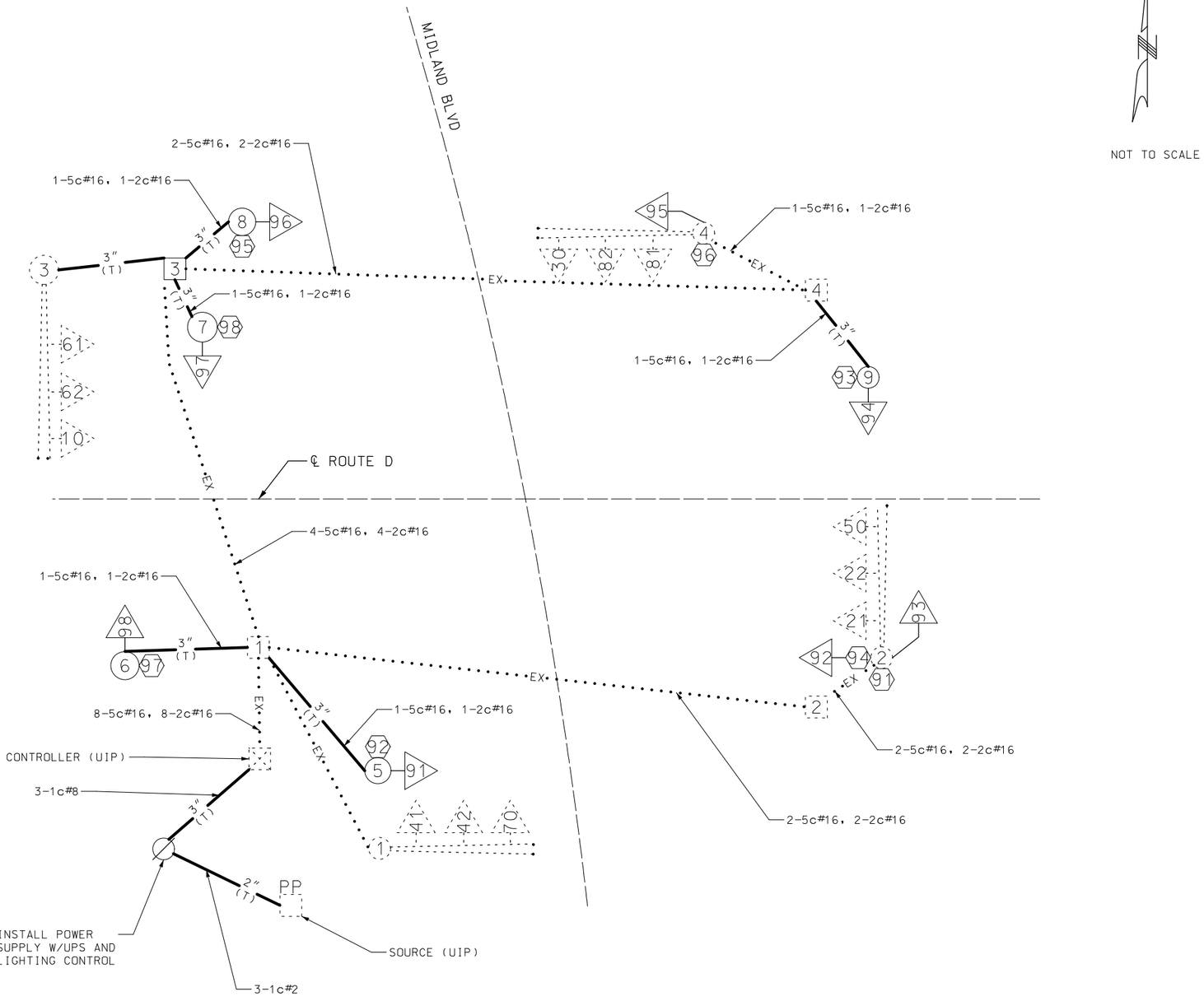
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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Tel (816) 874-4655
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www.trekkdesigngroup.com
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EFFECTIVE 12-01-17

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
- PP POWER POLE

ROUTE D AT
MIDLAND BOULEVARD

INTERSECTION

D-37D

173_SG_026_J6S3215_D37D_MIDLAND.dgn

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www.trekdesigngroup.com
Missouri Cert. of Authority 2008010500

RAISED ISLAND
EXISTING R/W
TEMPORARY CONSTRUCTION EASEMENT
SCALE
0 10 20 30
EXISTING R/W
11' LANE
11' LANE
11' LANE
ROUTE D
10' LANE
℄ ROUTE D
RAISED MEDIAN
NEXT SIGNAL MIDLAND BOULEVARD 440 FT 35 MPH
GRADE -2.9%
11' LANE
11' LANE
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
EX. SIGNAL (UIP)
EX. R10-11A SIGN (REMOVE AND REPLACE HIGHER ON EX POST)
EX. SIGNAL HEAD (REMOVE AND REPLACE)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. PUSHBUTTONS (R)
EX. PED. SIGNALS (R)
EX. "HANLEY RD" D3-1 SIGN (REMOVE AND REPLACE)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (MODIFIED) SIGN
INSTALL PULL BOX, CLASS 1
EX. PULL BOX ADJUST TO GRADE
EX. R10-12 SIGN (REMOVE AND REPLACE)
EXISTING R/W
HANLEY ROAD
GRADE 4.9%
NEXT SIGNAL MIDBLOCK CROSSING WASHINGTON STREET 470 FT
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
EX. PULL BOX ADJUST TO GRADE
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (MODIFIED) SIGN
EX. R10-10L SIGN (REMOVE AND REPLACE)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. SIGNAL HEAD (UIP)
EX. R10-10L SIGN (REMOVE AND REPLACE)
INSTALL PULL BOX, CLASS 2
EX. "HANLEY RD" D3-1 SIGN (REMOVE AND REPLACE)
EX. PULL BOX (ABANDON)
EX. SIGNAL HEAD (UIP)
INSTALL PULL BOX, CLASS 2
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. PED. SIGNALS (R)
EX. PUSHBUTTONS (R)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)
EX. PED. POLE (R)
EX. PUSHBUTTONS (R)
EX. PED SIGNAL HEADS (R)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
EX. PULL BOX ADJUST TO GRADE
EX. PULL BOX ADJUST TO GRADE
EX. R10-12 SIGN (REMOVE AND REPLACE)
EXISTING R/W
NEXT SIGNAL MIDLAND BOULEVARD 1610 FT
HANLEY ROAD
GRADE -2.5%
MODOT FIBER
EX. PULL BOX ADJUST TO GRADE
EXISTING R/W
EX. R10-12 SIGN (REMOVE AND REPLACE)
EX. "PAGE AVE" D3-1 SIGN (REMOVE AND REPLACE)
EX. SIGNAL POLE AND MAST ARM (UIP)
EX. WB PUSHBUTTON AND PED. SIGNAL (R)
EX. SB PUSHBUTTON AND PED. SIGNALS (R)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (LEFT) SIGN
EX. SIGNAL (UIP)
ADJUST SIDEWALK AROUND SIGNAL BASE
EX. R10-11A SIGN (REMOVE AND REPLACE)
PUSH BUTTON AND PED. SIGNAL ON 8' POST, TYPE C BASE AND R10-3E (RIGHT) SIGN
NOTE: ADJUST SIGNAL HEADS 21 AND 22 TO ALIGN WITH STRIPING.
EXISTING R/W
GRADE 1.2%
11' LANE
11' LANE
11' LANE
11' LANE
10' LANE
NEXT SIGNAL PENNSYLVANIA AVENUE 4830 FT 35 MPH
ROUTE D
RAISED MEDIAN
EX. SIGNAL HEAD (REMOVE AND REPLACE)
EX. SIGNAL HEAD (R)
EX. CONDUIT (ABANDON)
EX. RAISED MEDIAN (UIP)
REMOVE EXIST. POWER SUPPLY AND INSTALL NEW POWER SUPPLY W/UPS AND LIGHTING CONTROL
EX. CONTROLLER (UIP)
EXISTING R/W

TRAFFIC SIGNALS LEGEND

CONTROLLER	PREFORMED PULL BOX TYPE 1
CONTROLLER (EXISTING)	PREFORMED PULL BOX TYPE 2
POWER SUPPLY	CONCRETE PULL BOX TYPE 1
SIGNAL HEAD (OPT LIM CONV)	CONCRETE PULL BOX TYPE 2
SIGNAL HEAD (OPT LIM)	6 X 6 LOOP DETECTOR
SIGNAL HEAD (PEDESTRIAN)	6 X 15 LOOP DETECTOR
SIGNAL HEAD (STANDARD)	30 X 6 LOOP DETECTOR
CCTV CAMERA	CONDUIT PUSHED
VIDEO DETECTOR	CONDUIT EXISTING
PUSH BUTTON DETECTOR	CONDUIT TRENCHED
	SPAN WIRE

TRAFFIC SIGNAL SHEET ROUTE D AT HANLEY ROAD

174_SG_027_J6S3215_i10_N-HANLEY.dgn

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 / 12) | 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 | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | A | A | A | TYPE C & CL SIGNAL SPACING B | C | D | D′ | TYPE C & CL SIGN SPACING B | C | D | D′ | TYPE B & BL ARM LENGTH E | K | E | K | E | K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | G | H | H′ | TYPE B & BL LEFT ARM E SIGN SPACING F | G | H | H′ | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | M | N | N′ | TYPE B & BL 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. |
|---|---|---

EFFECTIVE: 10-01-2015

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"		
SOURCE	PS	4		(4)													INCLUDED IN COST OF PS
PS	CA	11			15												
PB2	P1	5			6												
PB2	P16	20			21												
PB9	P9	10			11												
PB9	P8	10			11												
PB9	PB3	16			14												
PB10	PB9	55							53								
PB10	P10	7			8												
PB4	P11	5			6												
PB4	P12	9			10												
PB5	P14	38			39												
PB8	P15	9			10												
PB5	P13	11			12												
PB1	PB8	70							68								
PB8	P7	5			8												
SUBTOTALS					158				53								
TOTALS					158				53								

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
			1c #2	1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
SRC	PS	4	(141)													INCLUDED IN COST OF PS
PS	CA	11		81												
CA	HP98P1	23				53										
CA	HP91	37				68										
CA	HP92	130				166										
CA	HP93P9	130				166										
CA	HP94P10	182				224										
CA	HP93P10	182				224										
CA	HP95	224				260										
CA	HP94P11	220				256										
CA	HP96	311				353										
CA	HP97P14	338				380										
CA	HP98P15	85				115										
CA	HP97P15	85				115										
CA	DP97P1	23			52											
CA	DP92	37			67											
CA	DP91	130			165											
CA	DP94P9	130			165											
CA	DP93P10	182			223											
CA	DP94P10	182			223											
CA	DP93P11	220			255											
CA	DP96	224			259											
CA	DP95	311			352											
CA	DP98P14	338			379											
CA	DP97P15	85			114											
CA	DP98P15	85			114											
SUBTOTALS				81	2368	2380										
TOTALS				90	2490	2500										INCLUDE 5% FOR SNAKING

INTERSECTION ROUTE D AT HANLEY ROAD

D-37B

176_SG_029_J6S3215_D37B_N-HANLEY.dgn

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	176

COUNTY ST. LOUIS

JOB NO. J6S3215

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of Authority 2020010500

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY & UPS ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	SHEET YY-YY	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
ROUTE D	236+44	38' RT	Type	1	15 Amps	15 Amps	100 Amps	- Amps		- Amps	CI. EXIST. Ft.	AMEREN UE
-	-	-	Type	-	- Amps	- Amps	- Amps	- Amps		- Amps	CI. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *						TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER								
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	BITRAN	WAPITI
ROUTE D	236+54	41' RT	UIP	-	-	-	-	-	UIP	-	-	UIP	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
01	02	03	04	05	06	07	08	Ø2 PED	Ø4 PED	Ø6 PED	Ø8 PED

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.
2	R10-10L	24 X 30	5.0	10.0	2
	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		
4	D3-1 ***	VAR. X 18	9.0/7.5	33.0	4
	D3-1B ***	VAR. X 18			
2	R10-3EM	9 X 15	0.9	1.8	2
2	R10-11A	24 X 30	5.0	10.0	2
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
4	R10-3ER	9 X 15	0.9	3.6	4
4	R10-3EL	9 X 15	0.9	3.6	4
2	R10-12	30 X 36	7.5	15.0	2
			SUBTOTAL	77.0	20
			TOTAL	77.0	20

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		ACCESSIBLE PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
-	ALL					UIP
91	EB PED - SOUTH SIDE	1				
92	WB PED - SOUTH SIDE	1				
93	SB PED - WEST SIDE	1				
94	NB PED - WEST SIDE	1				
95	WB PED - NORTH SIDE	1				
96	EB PED - NORTH SIDE	1				
97	NB PED - EAST SIDE	1				
98	SB PED - EAST SIDE	1				
97/98	NB/SB PED - EAST SIDE	1				
93/94	SB/NB PED - WEST SIDE	1				
TOTAL		10				

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

ROUTE D AT
HANLEY ROAD
INTERSECTION

D-37C

177_SG_030_J6S3215_D37C_N-HANLEY.dgn

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET INSCRIBED, SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	177

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
-

PROJECT NO.
-

BRIDGE NO.
-

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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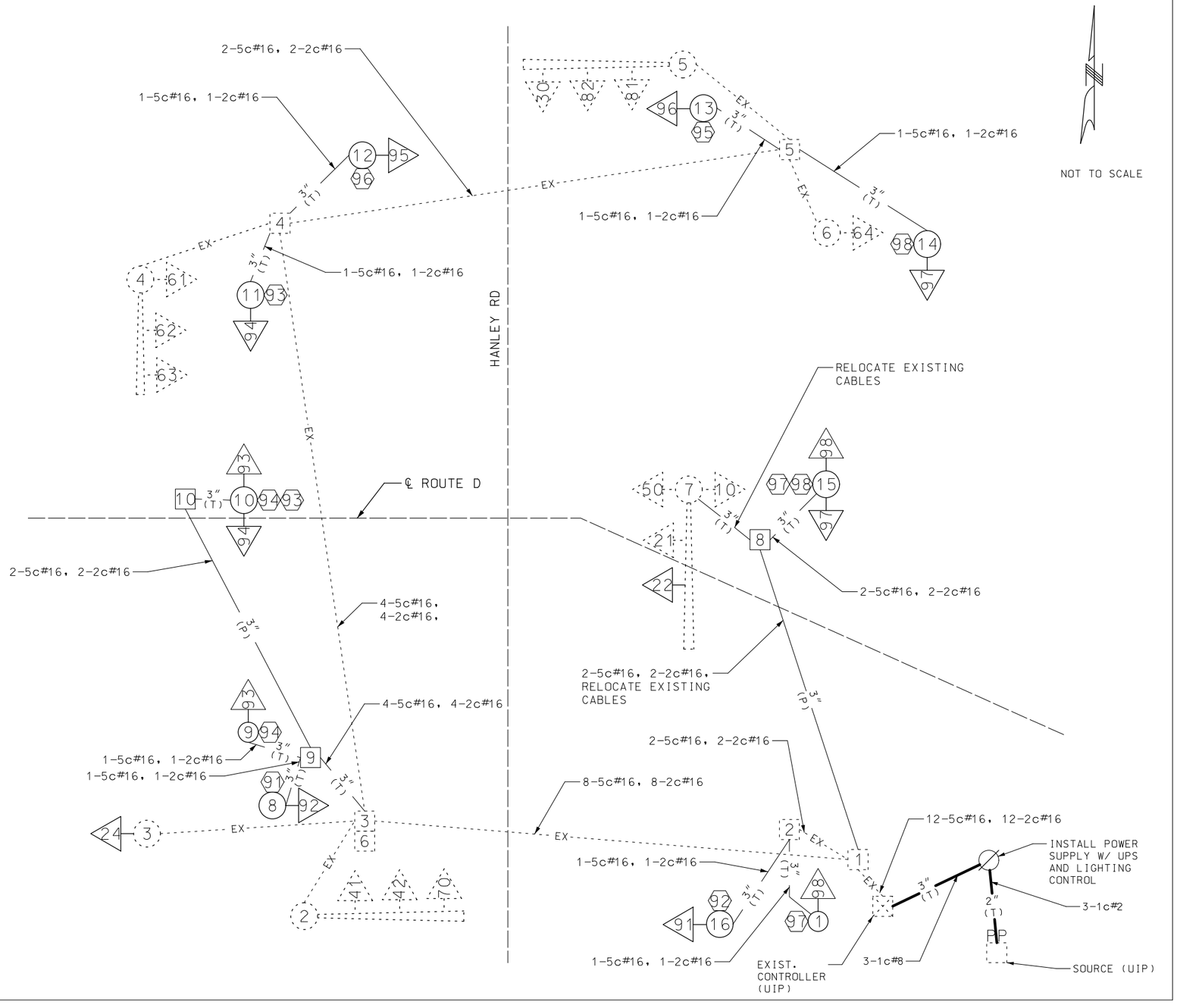
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2002010050

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3" (T)	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
PP	POWER POLE

ROUTE D AT
HANLEY ROAD

INTERSECTION

D-37D

178_SG_031_J6S3215_D37D_N-HANLEY.dgn

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 178
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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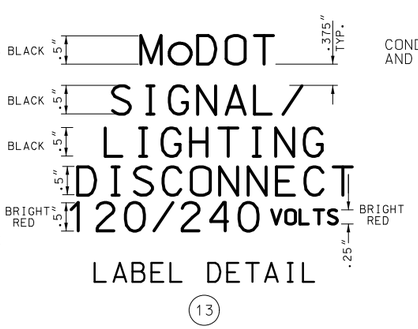
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1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

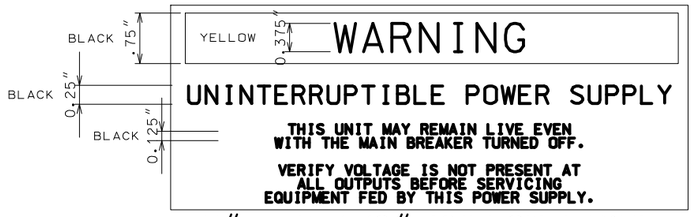
TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4855
Fax (816) 874-4875
www.trekkdesigngroup.com
Missouri Cert. of Authority: 2020010200

GENERAL NOTES:

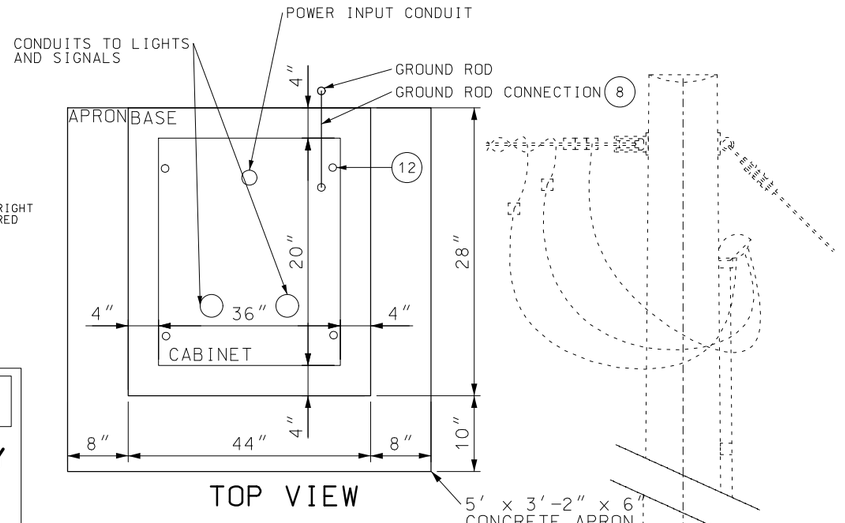
1. ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.
2. PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.
3. SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.
4. THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE SERVICE WILL BE REQUIRED.
5. ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.
6. ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON THE DRAWING SHALL BE INCLUDED IN PRICE BID FOR 'PAD MOUNTED POWER SUPPLY AND LIGHTING CONTROLLER WITH UNINTERRUPTIBLE POWER SUPPLY.' CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN THE BID PRICE.
7. REFER TO PLAN SHEET DETAIL TO DETERMINE IF A UTILITY POLE OR PEDESTAL WILL BE REQUIRED.
8. CABINET SHALL BE LOCATED WITH A MINIMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.
9. SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.



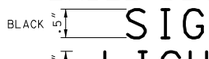
LABEL DETAIL (13)

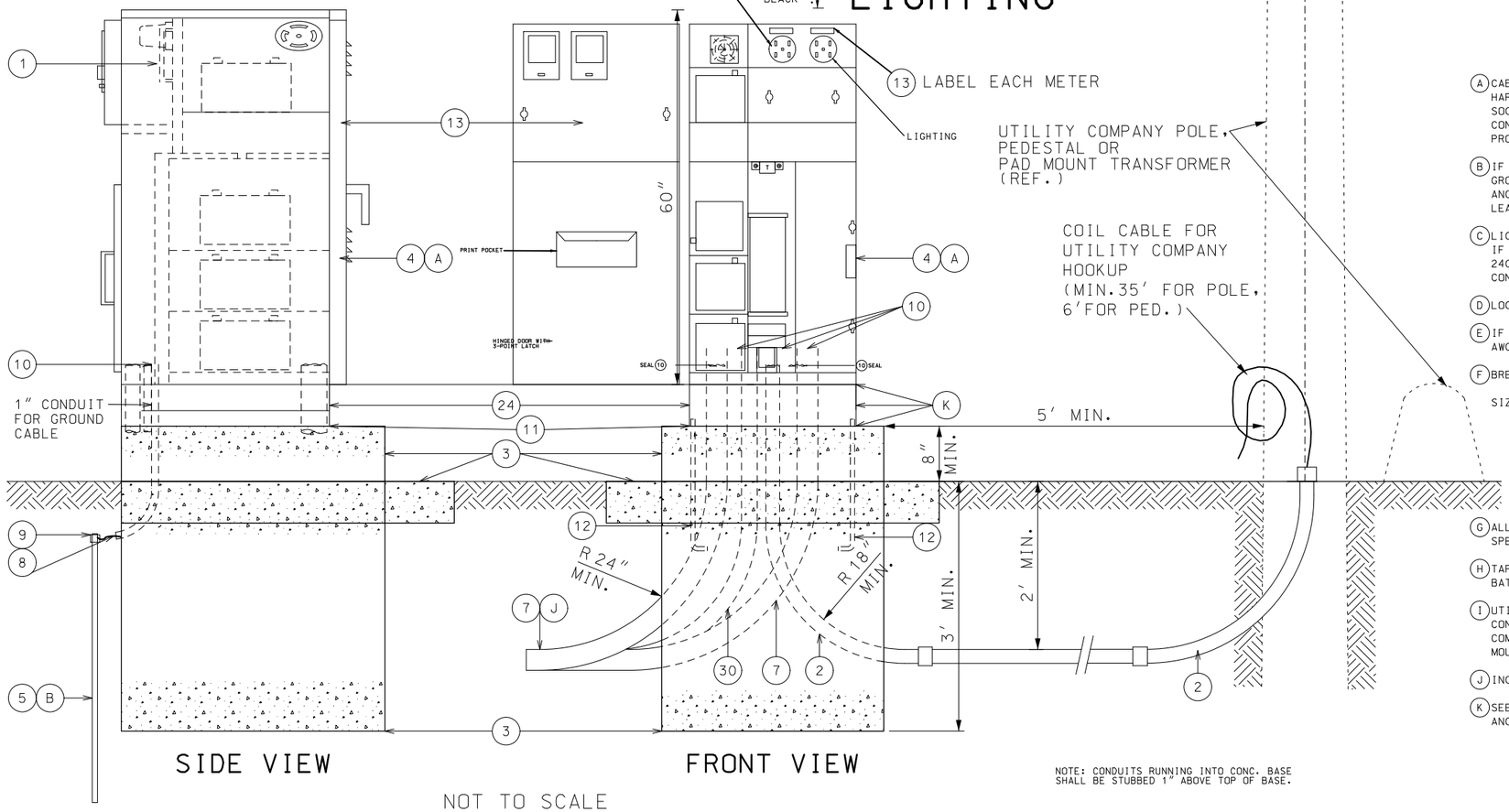


5" x 3 1/2" YELLOW LABEL
(UNDER SIGNAL METER ON LOWER DOOR)



LABEL DETAIL





NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF 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) 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.

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V.. 1000 WATT
7	2" MIN. SCH 40 PVC CONDUIT (REF.)
8	#2 AWG MIN.. 600 V.. GROUND CABLE
9	EXOTHERMIC WELD WIRE TO ROD
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 5/8-11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
16	2-POLE, 650 VOLT LIGHTNING ARRESTER
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH
18	MANUAL-AUTO SWITCH
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP
20	2-POLE, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS *
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS *
23	#2 AWG MIN., 600 V.. POWER CABLE *
24	6" PEDESTAL RISER
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)
26	30A GENERATOR MALE BASE
27	INVERTER (1100VA MINIMUM)
28	1-POLE, 40 AMP, TYPE B UPS BREAKER
29	1-POLE, 15 AMP, TYPE B FAN BREAKER
30	1 ½" CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
*	SEE PLANS FOR SIZE

NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CAD WELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 1 OF 3

179_SG_032_J6S3215_SS.dgn

STATE OF MISSOURI
TERESA A. KRENNING NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	179

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

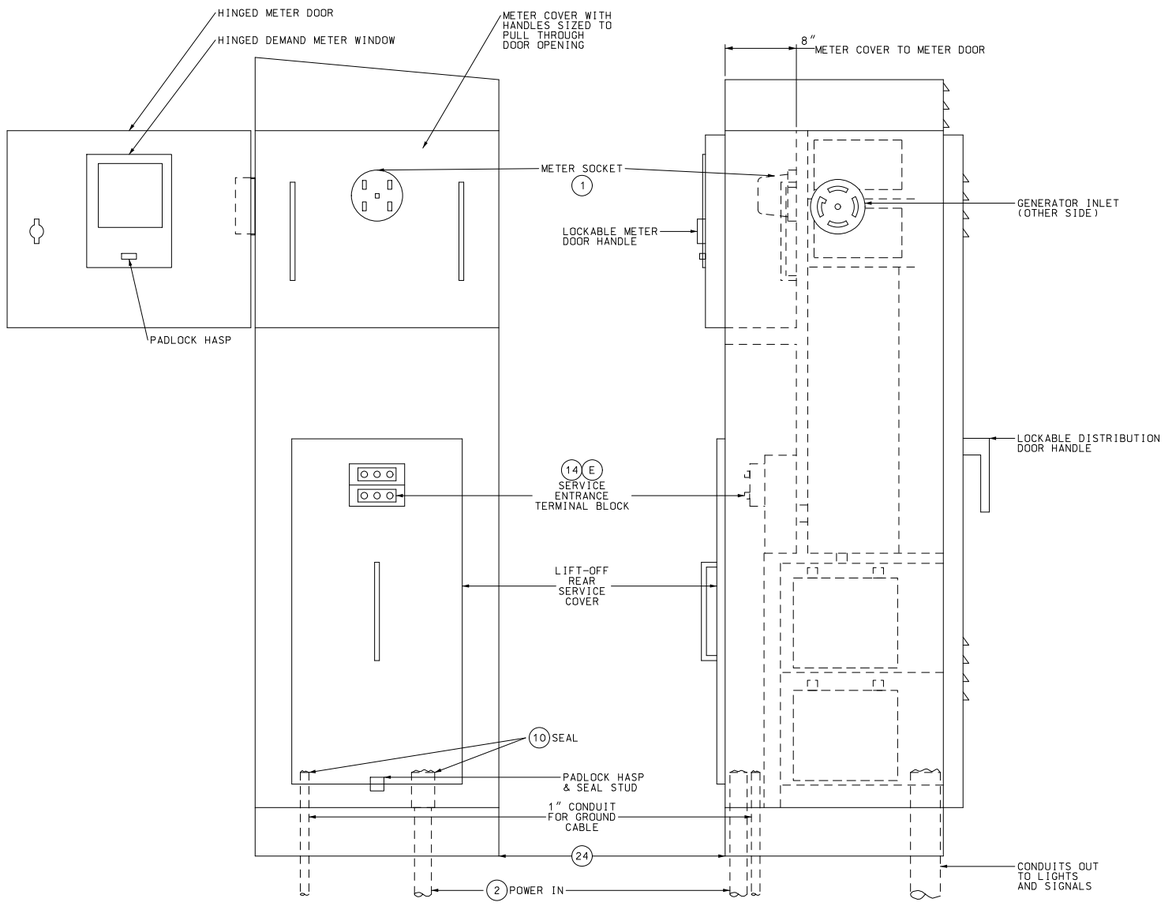
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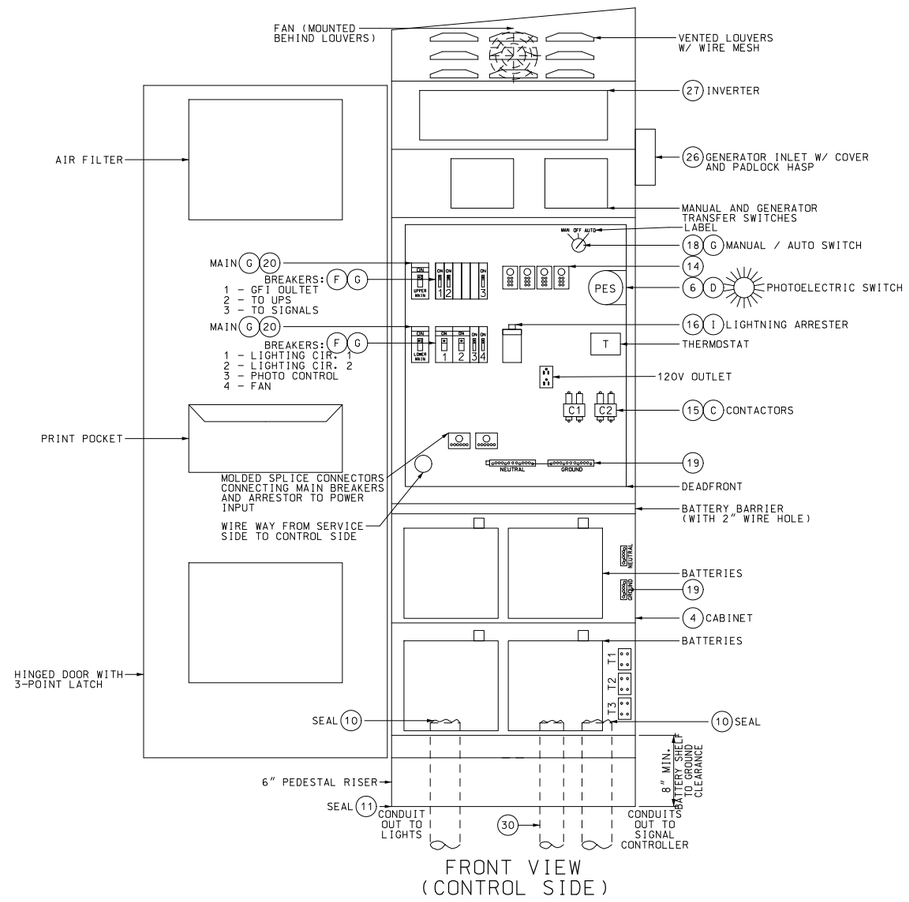
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MoDOT J6S3215 - ROUTE D PROJECT

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Missouri Cert. of Authority 2002070500





EQUIPMENT LAYOUT

NOT TO SCALE

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2″ MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4″ DIA. x 8′ MIN. (MIN. 8′ IN SOIL)
6	PHOTOELECTRIC SWITCH AND SOCKET, 105/285 V., 1000 WATT
7	2″ MIN. SCH 40 PVC CONDUIT (REF.)
8	#2 AWG MIN., 600 V., GROUND CABLE
9	EXOTHERMIC WELD WIRE TO ROD
10	PLIABLE SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 5/8-11 x 18″ LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
14	INSULATED TERMINAL BLOCK
15	2-POLE, 20 AMP, 120V COIL LIGHTING CONTACTOR
16	2-POLE, 650 VOLT LIGHTNING ARRESTER
17	1-POLE, 15 AMP, TYPE B BREAKER TO PHOTOELECTRIC SWITCH
18	MANUAL-AUTO SWITCH
19	INSULATED GROUNDABLE NEUTRAL, 100 AMP
20	2-POLE, TYPE A MAIN BREAKER
21	2-POLE, 15 AMP (MIN), TYPE A BREAKERS TO LIGHTING CIRCUITS ✳
22	1-POLE, 15 AMP (MIN.), TYPE A BREAKER TO SIGNALS ✳
23	#2 AWG MIN., 600 V., POWER CABLE ✳
24	6″ PEDESTAL RISER
25	12V GEL CELL BATTERIES IN SERIES (4 MINIMUM)

26	30A GENERATOR MALE BASE
27	INVERTER (1100VA MINIMUM)
28	1-POLE, 40 AMP, TYPE B UPS BREAKER
29	1-POLE, 15 AMP, TYPE B FAN BREAKER
30	1 ½″ CONDUIT OUT TO SIGNAL CABINET (CAT 5E AND CONTROL WIRING)
✳	SEE PLANS FOR SIZE

DISCLAIMER

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NOTES

(A) CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(B) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 INCHES DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

(C) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(D) LOCATE PHOTOELECTRIC SWITCH AT CENTER OF WINDOW.

(E) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(F) BREAKER SIZING:

SIZE (AMPS)	240V TOTAL CIRCUIT LOAD (WATTS)	120V TOTAL CIRCUIT LOAD (WATTS)
15	0-2800	0-1390
20	2850-3700	1400-1850
25	3750-4600	1860-2320
30	4650-5500	2330-2780
35	5550-6500	-
40	6550-7400	-

CIRCUIT LOAD INCLUDES LOAD DUE TO LINE LOSS, LAMP, AND BALLAST LOAD.

(G) ALL CIRCUIT BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.

(H) TAPE BATTERY TEMPERATURE SENSOR TO THE SIDE OF EITHER BATTERY #2 OR BATTERY #3. SENSOR SHOULD BE TO THE MIDDLE OF THE BATTERY BANK.

(I) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTORS ARE TO BE CONNECTED ON THE LINE SIDE OR THE LOAD SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DETERMINE WHERE THE LIGHTNING ARRESTOR SHALL BE MOUNTED.

(J) INCLUDE ADDITIONAL CONDUITS AS NECESSARY FOR AUXILIARY CIRCUITS.

(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 2 OF 3

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SEALED, SIGNED, DATED AND AUTHENTICATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	180

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com
Missouri Cert. of Authority 2005010500

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP, WITH LEVER TEST BYPASS
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 1.3 cu. yd. (MIN.)
4	NEMA 3R, DUST-TIGHT, WATERTIGHT CABINET
5	GROUND ROD, 3/4" DIA. x 8' MIN. (MIN. 8' IN SOIL)
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8	#2 AWG MIN., 600 V., GROUND CABLE
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✳	SEE PLANS FOR SIZE

NOTES

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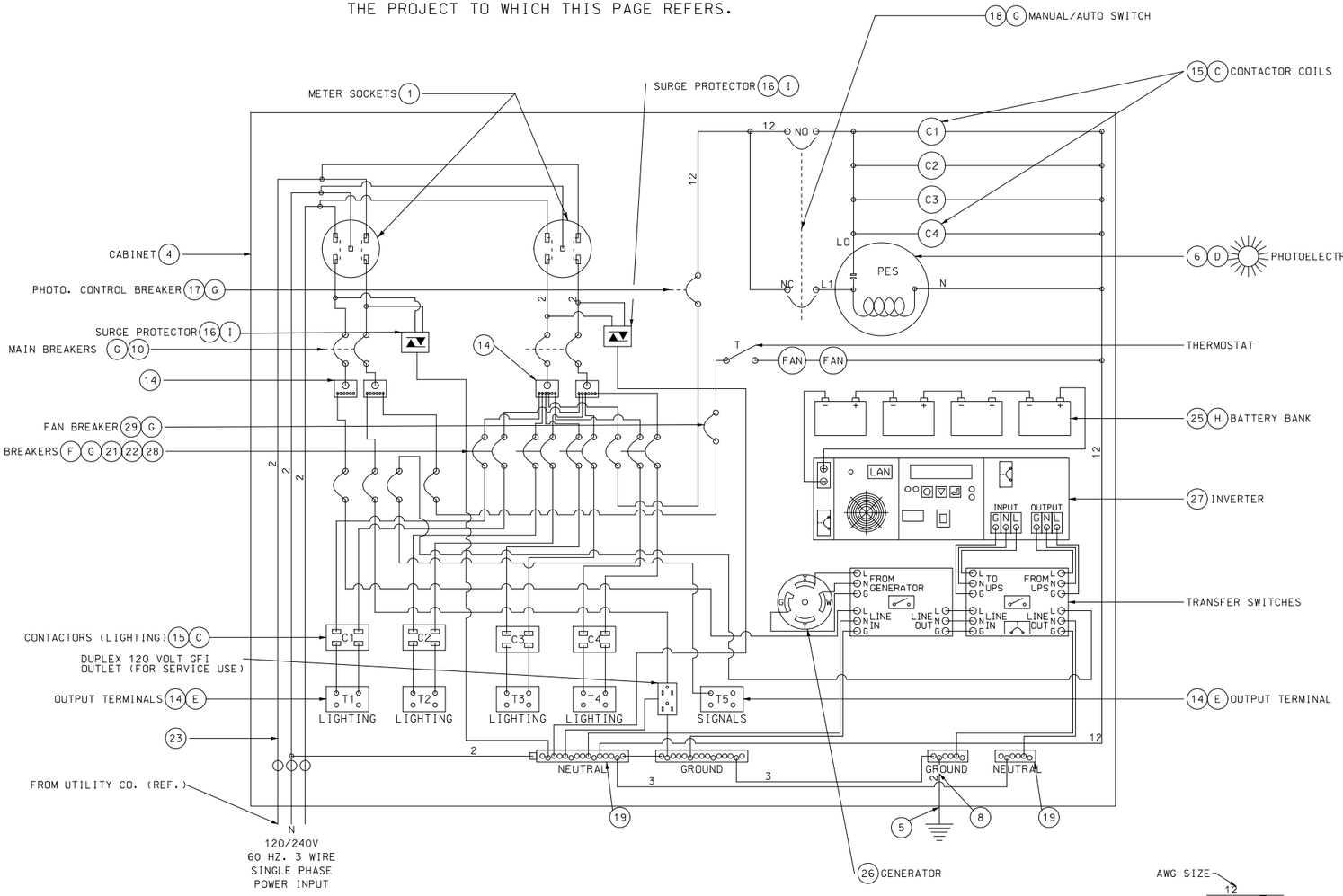
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(K) SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS AND ANCHOR BOLT LOCATIONS.

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WIRING DIAGRAM

SPECIAL SHEETS
PAD MOUNTED 120V/240V POWER
SUPPLY & LIGHTING CONTROLLER
W/ UNINTERRUPTIBLE POWER SUPPLY
SHEET 3 OF 3

181_SG_034_J6S3215_SS.dgn

TERESA A. KRENNING NUMBER PE-027536 PROFESSIONAL ENGINEER STATE OF MISSOURI
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 181
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

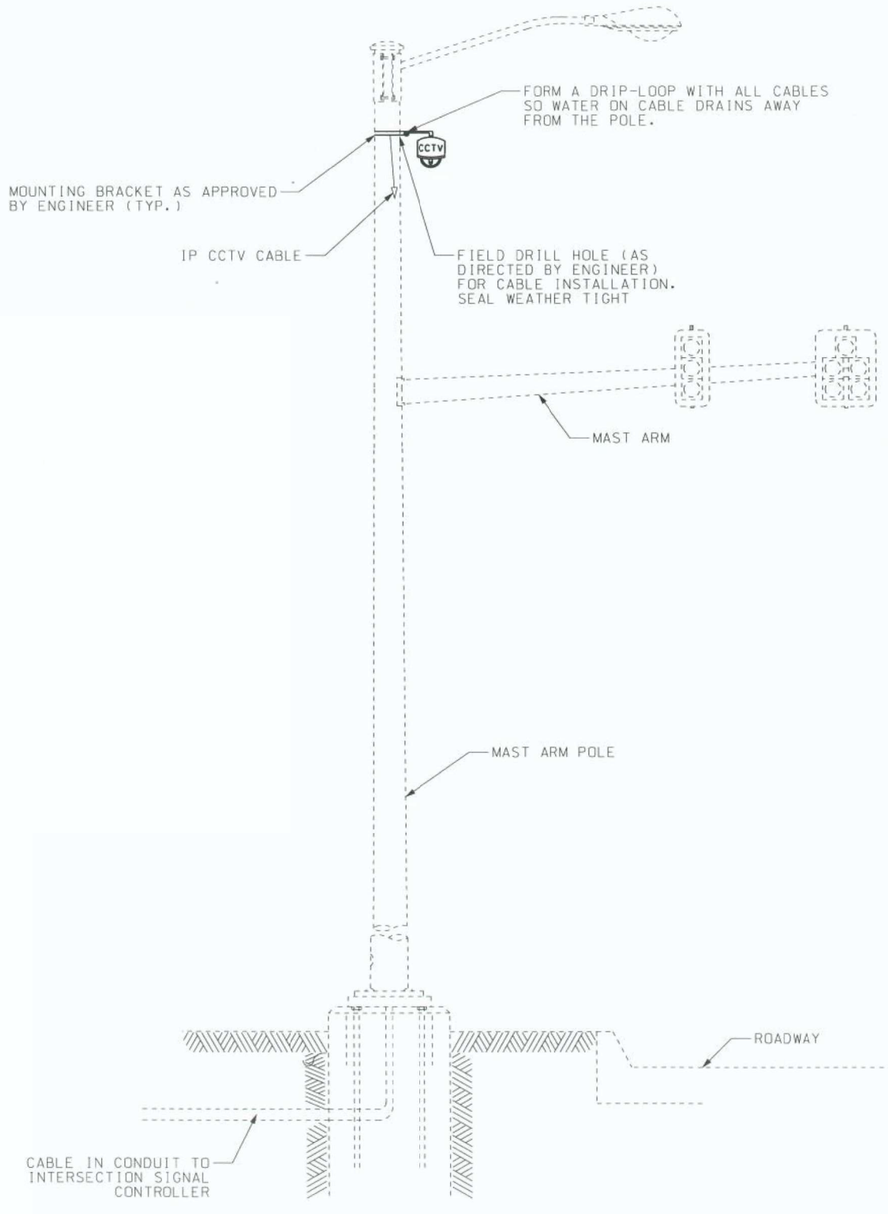
REV	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4555
Fax (816) 874-4975
www.trekkdesigngroup.com
Missouri Certs of Authority 2005010500

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CCTV MOUNTING ON EXISTING SIGNAL POLE WITH LIGHT

GENERAL NOTES:

PROVIDE WATERTIGHT SEAL WHERE CABLES ENTER AND EXIT

CAMERAS SHALL BE AT MINIMUM 30' HEIGHT ABOVE GRADE UNLESS OTHERWISE NOTED

NO DIRECT PAY WILL BE MADE FOR MOUNTING HARDWARE

ALL DRILLED ALUMINUM POLE OR SIGNAL POLE OPENINGS FOR CABLE SHALL BE WEATHERPROOF. NO DIRECT PAY FOR DRILLED OPENINGS.

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	182

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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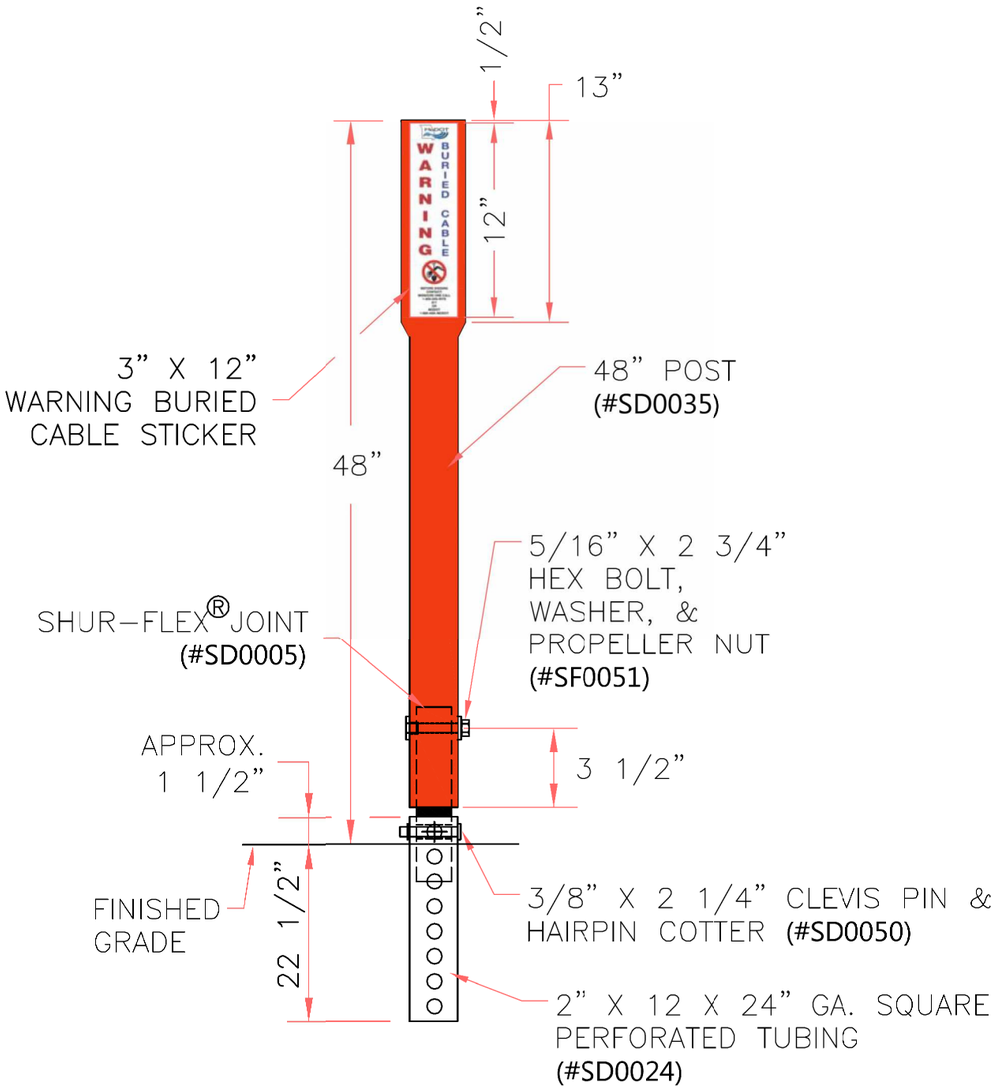
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Missouri Cert. of Authority 2002010300

182_SG_035_J6S3215_SS.dgn

MODOT BURIED CABLE WARNING; DELINEATOR POST

(#SD0031)



183_SG_036_J6S3215_SS.dgn

STATE OF MISSOURI
TERESA A. KRIENNING NUMBER PE-027536
PROFESSIONAL ENGINEER
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DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	183

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

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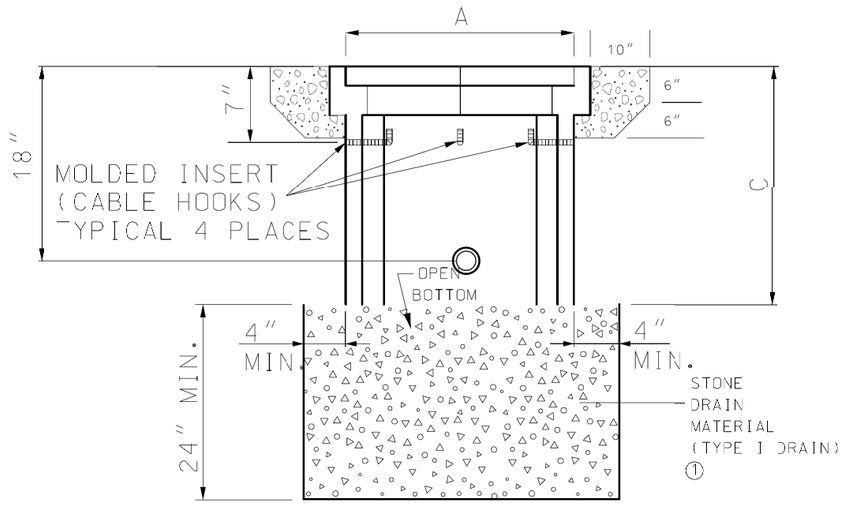
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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

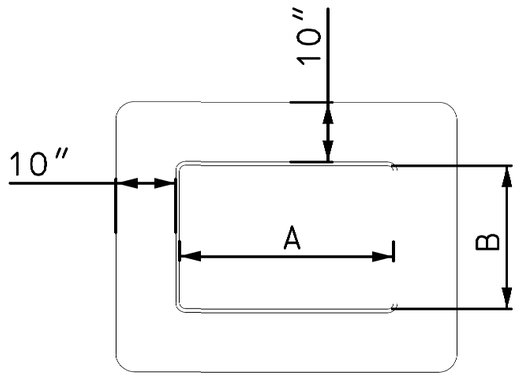
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Missouri Cert. of Authority 2002010500

ITS PULL BOXES WITH CONCRETE PADS

CLASS 2 ITS PULLBOX WITH CONCRETE PAD



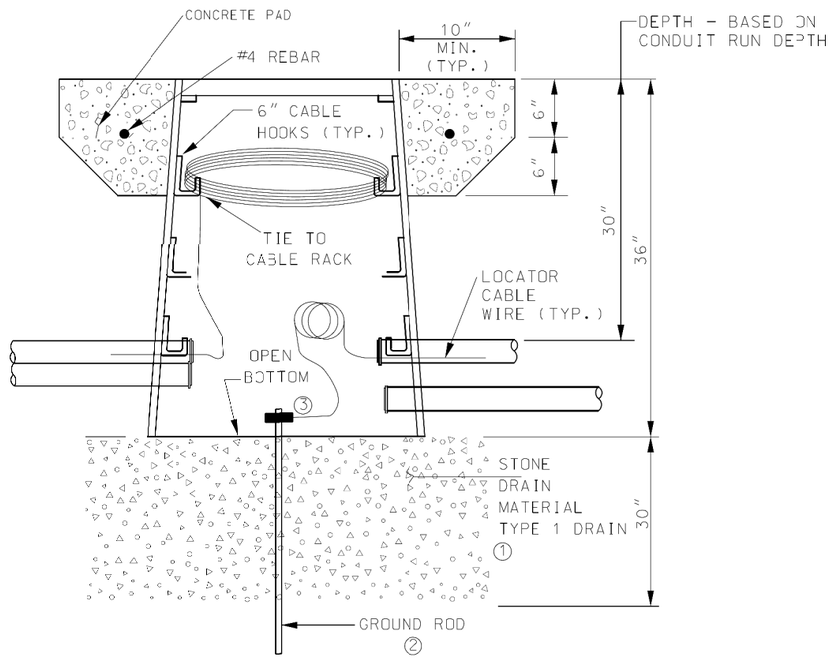
ELEVATION



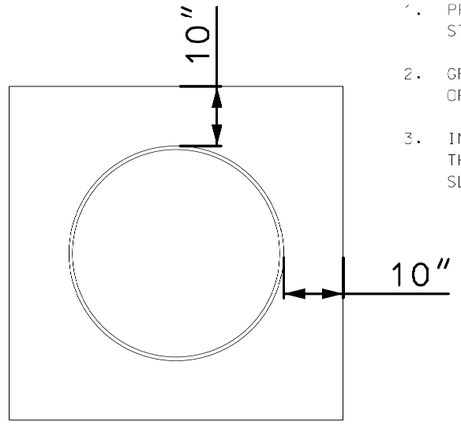
PLAN

FOR PULL BOX DIMENSIONS SEE STANDARD PLAN 902.20

CLASS 5 ITS PULLBOX WITH CONCRETE PAD



ELEVATION



PLAN

1. PROVIDE TYPE II DRAIN AS DIRECTED BY ENGINEER. SEE STANDARD PLAN 902.20 FOR TYPE II DRAIN DETAILS.
2. GROUND ROD ONLY REQUIRED IN PULL BOX NEAREST TO AN ITS OR SIGNAL CABINET.
3. IN THE PULL BOX NEAREST THE ITS OR SIGNAL CABINET, CONNECT THE TRACER WIRE TO A GROUND ROD CLAMP AND PROVIDE 5 FEET OF SLACK.

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STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 21-JUL-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 184
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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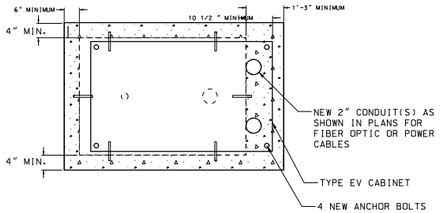
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

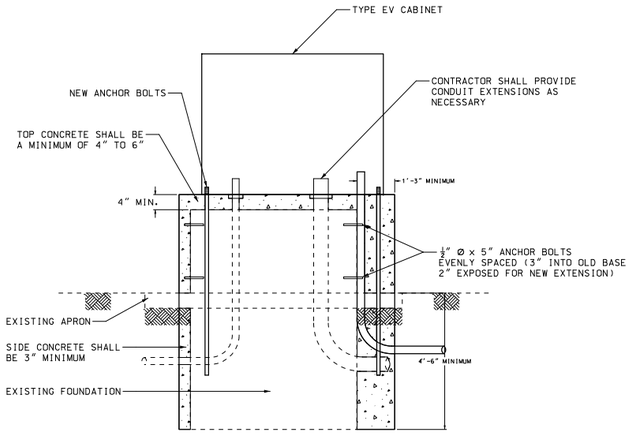
MoDOT J6S3215 - ROUTE D PROJECT

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Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
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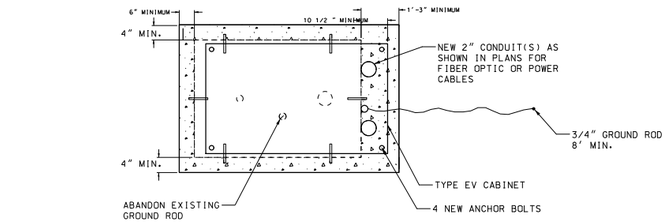
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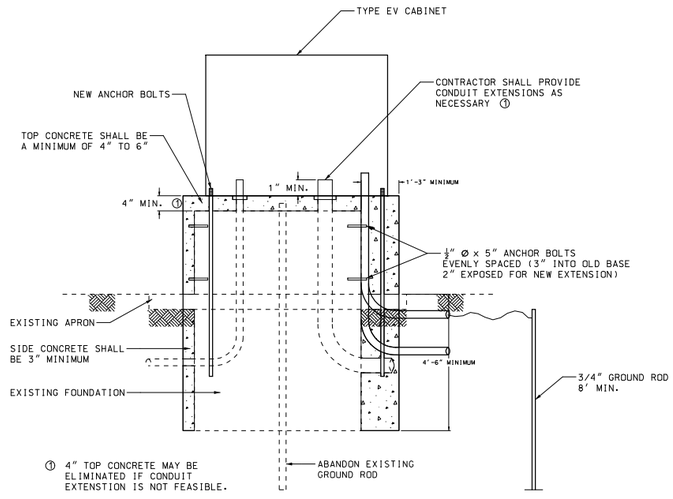
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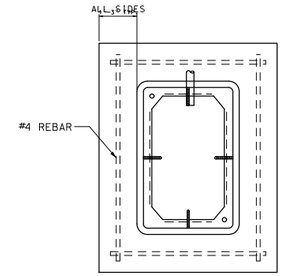


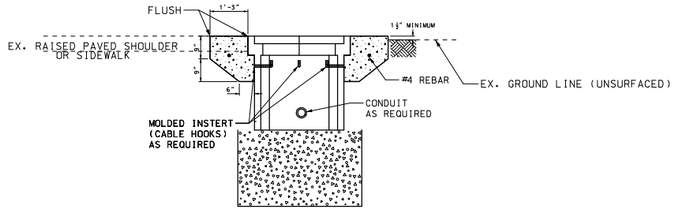
CABINET BASE WRAP
NOT TO SCALE



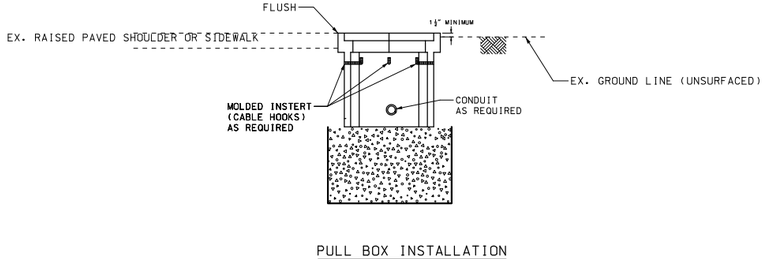


CABINET BASE WRAP
NOT TO SCALE





PULL BOX INSTALLATION
NOT TO SCALE



PULL BOX INSTALLATION
NOT TO SCALE

SPECIAL SHEETS
CABINET BASE WRAP
PULL BOX INSTALLATION

STATE OF MISSOURI
TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	185

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

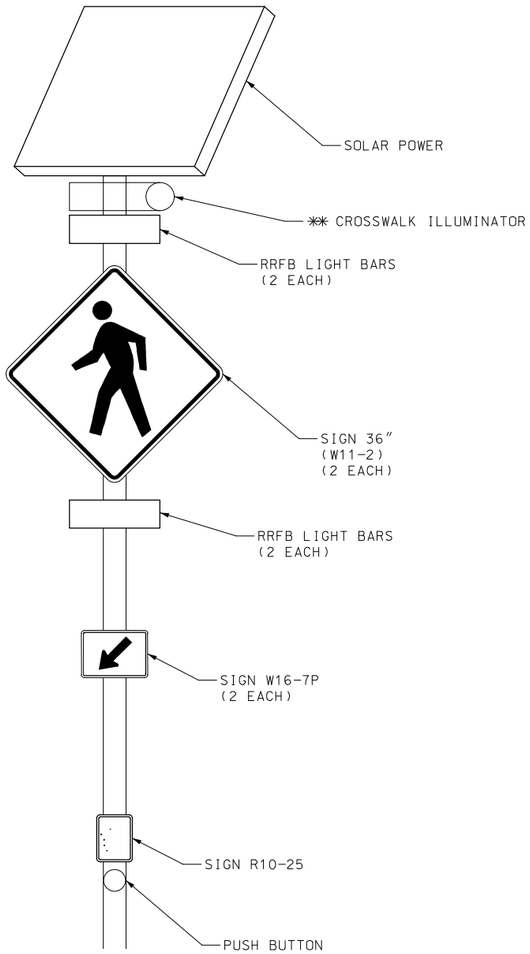
REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

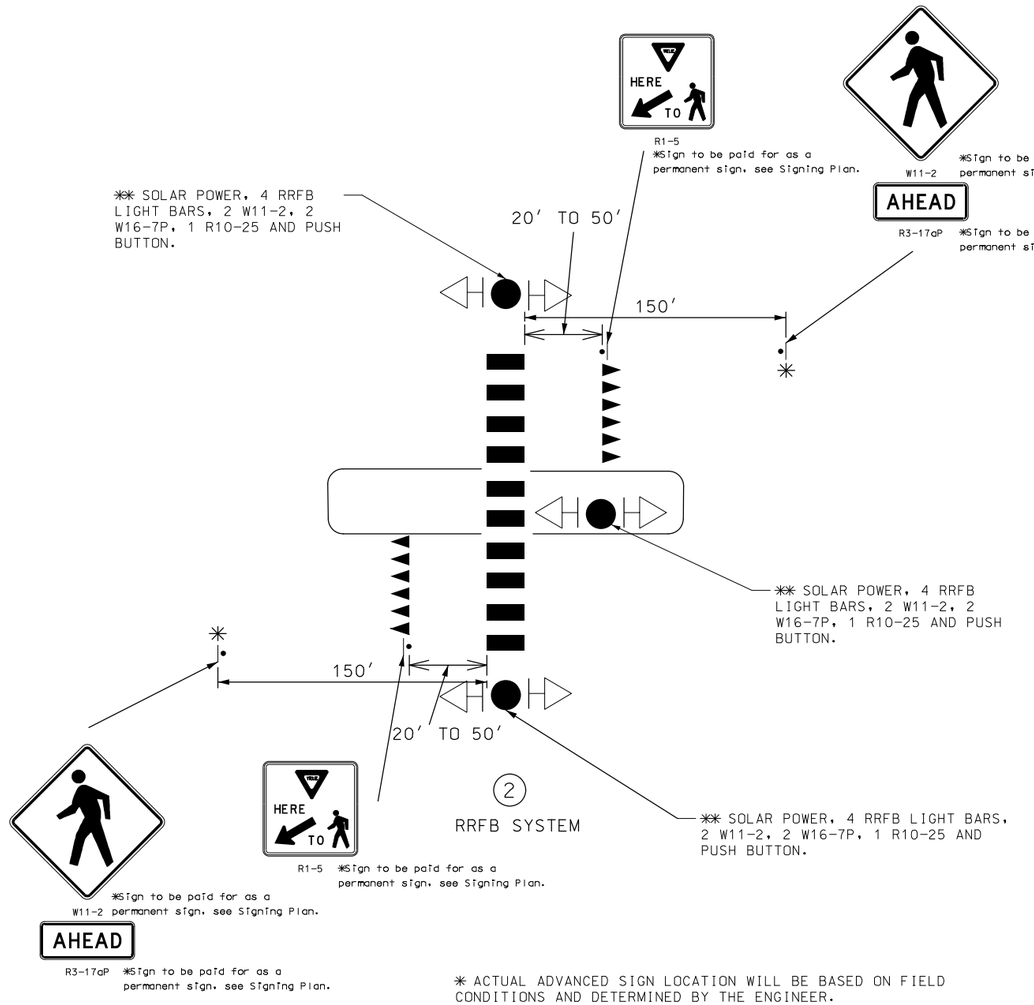
TREK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4855
Fax (816) 874-4875
www.trekdesigngroup.com
Missouri Cert. of Authority #2002010500



1

USED WITH A TYPE C POST BASE AND FOUNDATION (STANDARD PLANS 902.30P)

NOT TO SCALE



2

RRFB SYSTEM

* ACTUAL ADVANCED SIGN LOCATION WILL BE BASED ON FIELD CONDITIONS AND DETERMINED BY THE ENGINEER.

** ILLUMINATOR WILL BE INSTALLED ON ALL RRFB POSTS AND INCLUDED IN COST OF RRFB INSTALLATION.

*** ALL PUSH BUTTONS WILL NEED TO BE ACCESSIBLE PEDESTRIAN PUSH BUTTONS

9' PED CROSSWALK

12" WIDE YIELD LINE

RECTANGULAR RAPID FLASHING BEACON WITH CROSSWALK ILLUMINATOR

TERESA A. KRENNING NUMBER PE-027536 PROFESSIONAL ENGINEER STATE OF MISSOURI

THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	186

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

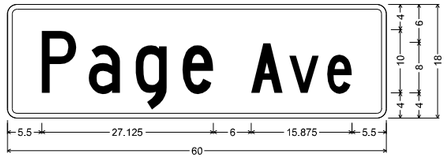
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4875
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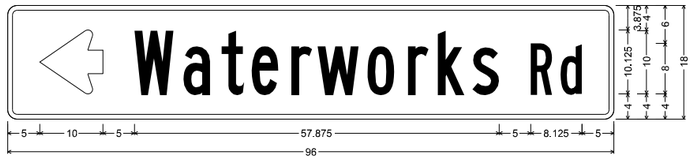
Missouri Cert. of Authority 2002010080

186_SG_039_J6S3215_I20_RRFB.dgn



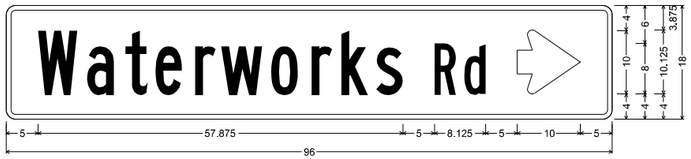
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Page", C; "Ave", C;
Table of letter and object lefts

P	a	g	e	A	v	e
5.500	12.875	20.250	27.750	38.625	44.625	50.625



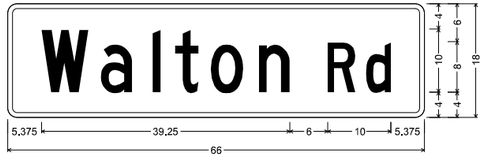
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
Standard Arrow Custom 10.000" X 10.125" 180"; "Waterworks", B 90% spacing; "Rd", B 90% spacing;
Table of letter and object lefts

	W	a	t	e	r	w	o	r	k	s	R	d	
5.000	20.000	27.875	33.875	38.625	44.875	49.000	57.000	63.375	68.125	73.625	82.875	87.625	



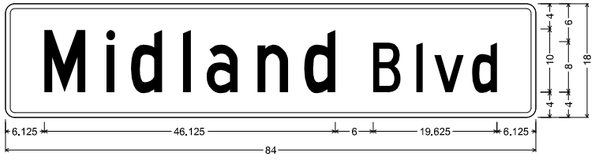
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Waterworks", B 90% spacing; "Rd", B 90% spacing; Standard Arrow Custom 10.000" X 10.125" 0";
Table of letter and object lefts

W	a	t	e	r	w	o	r	k	s	R	d	
5.000	12.875	18.875	23.625	29.875	34.000	42.000	48.375	53.125	58.625	67.875	72.625	81.000



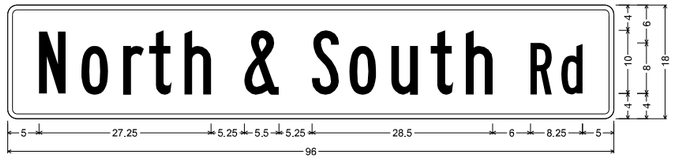
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Walton", C; "Rd", C;
Table of letter and object lefts

W	a	l	t	o	n	R	d
5.375	14.750	22.750	26.500	32.125	39.750	50.625	56.750



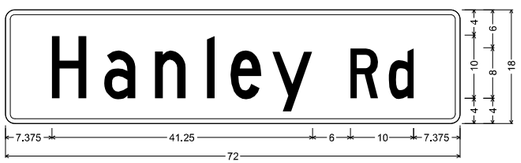
D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Midland", C; "Blvd", C;
Table of letter and object lefts

M	i	d	l	a	n	d	B	l	v	d
6.125	16.000	19.875	28.000	31.875	39.875	47.375	58.250	65.000	67.875	73.875



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"North & South", B: "Rd", B:
Table of letter and object lefts

N	o	r	t	h	&	S	o	u	t	h	R	d
5.000	11.625	18.250	22.375	28.000	37.500	48.250	54.125	60.750	67.000	72.625	82.750	87.625



D3-1 SH-FLAT SHEET;
1.500" Radius, 0.750" Border, White on, Green;
"Hanley", C; "Rd", C;
Table of letter and object lefts

H	a	n	l	e	y	R	d
7.375	15.625	23.750	31.750	35.625	42.250	54.625	60.750

De
De
Checked

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	187

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

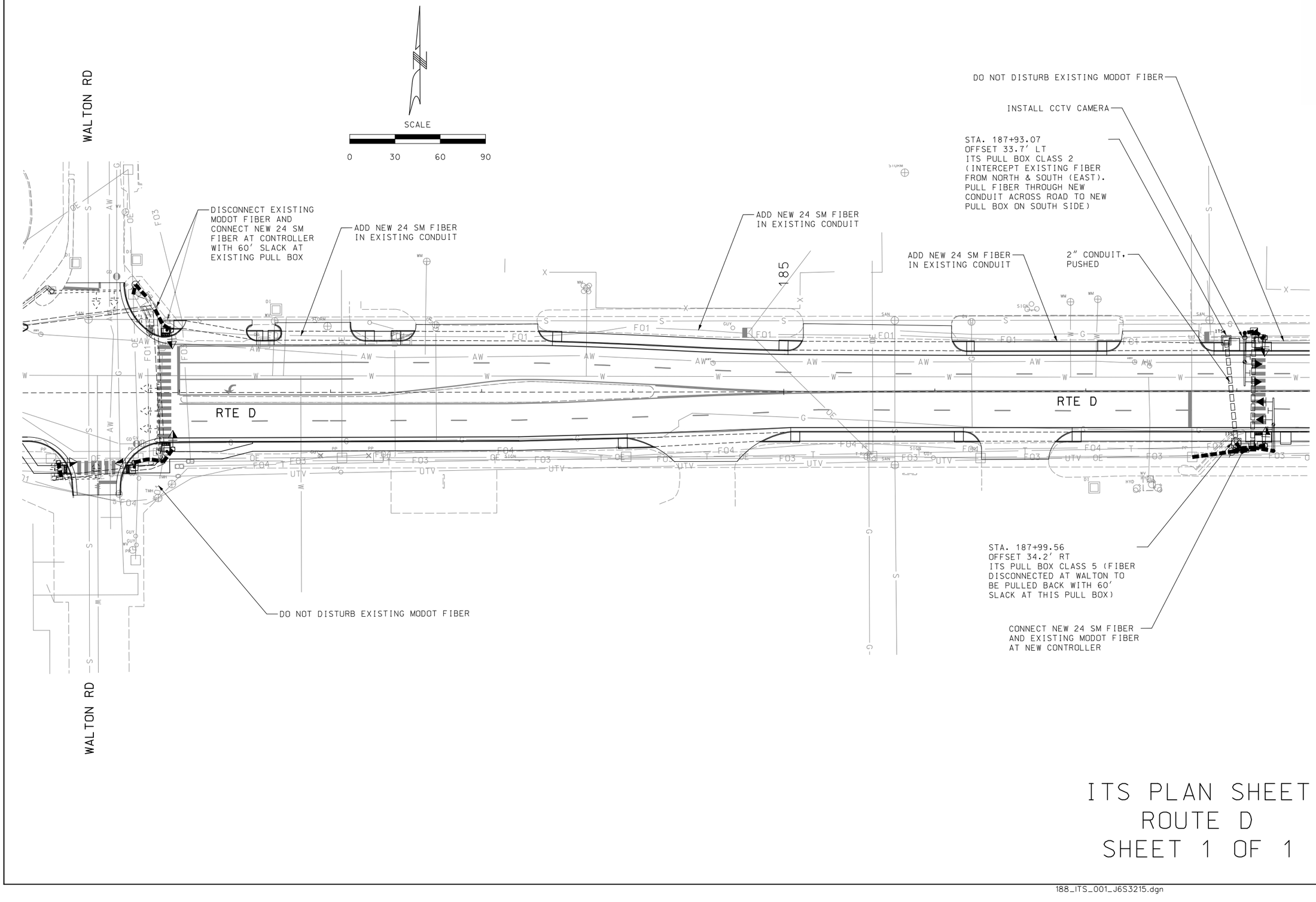
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

TREKK DESIGN GROUP, LLC
1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
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Missouri Cert. of Authority 2005010200

REV.



ITS PLAN SHEET
ROUTE D
SHEET 1 OF 1

188_ITS_001_J6S3215.dgn

TERESA A. KRENNING
NUMBER PE-027536
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	188

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

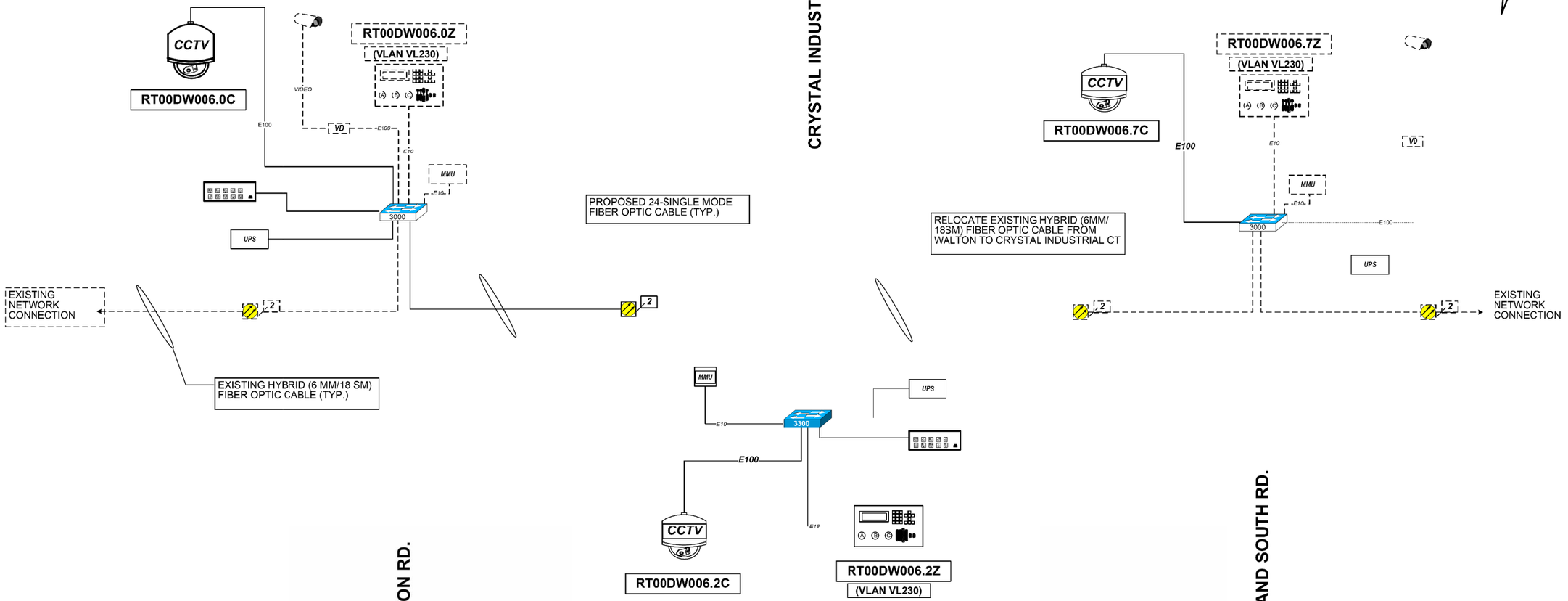
REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

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Missouri Cert. of Authority 2002010300



COMMUNICATIONS PLAN

ROUTE D

(PAGE AVE.)

SHEET 1 OF 1

NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN FOR CLARITY. SEE SPLICE DIAGRAMS.

MI055E001.8T — DEVICE IDENTIFIER

CCTV — EXISTING/ PROPOSED CCTV CAMERA

DMS — EXISTING DYNAMIC MESSAGE SIGN

5505 — EXISTING/PROPOSED CISCO ASA5505

3000 — EXISTING CISCO 3000 SWITCH

3300 — PROPOSED CISCO IE3300 SWITCH

EXISTING TRAFFIC SIGNAL CONTROLLER

MMU — EXISTING /PROPOSED MALFUNCTION MANAGEMENT UNIT

CELL MODEM — EXISTING CELLULAR MODEM

EXISTING WIRELESS ETHERNET BRIDGE

POWER INJECTOR — EXISTING PROJECT INJECTOR

MC — EXISTING MEDIA CONVERTER

FO DATA MODEM — EXISTING FIBER OPTIC DATA MODEM

E10 — 10 MBPS ETHERNET

E100 — 100 MBPS ETHERNET

EXISTING VIDEO DETECTION SYSTEM

VDS AP — EXISTING SENSYS DETECTION SYSTEM

VD — EXISTING IP VIDEO ENCODER

DEVICE SERVER — EXISTING DEVICE SERVER

EXISTING RADAR DETECTION UNIT

MULTIMODE/ SINGLE MODE FIBER OPTIC CABLE

EXISTING WIRELESS CONNECTION

EXISTING/PROPOSED FUSION SPLICE

EXISTING CABLE

PROPOSED CABLE

DSL MODEM — PROPOSED DSL MODEM

UPS — PROPOSED POWER SUPPLY W/UPS

PROPOSED POWER STRIP

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET WAS SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	189

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.: .

PROJECT NO.: .

BRIDGE NO.: .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 – ROUTE D PROJECT

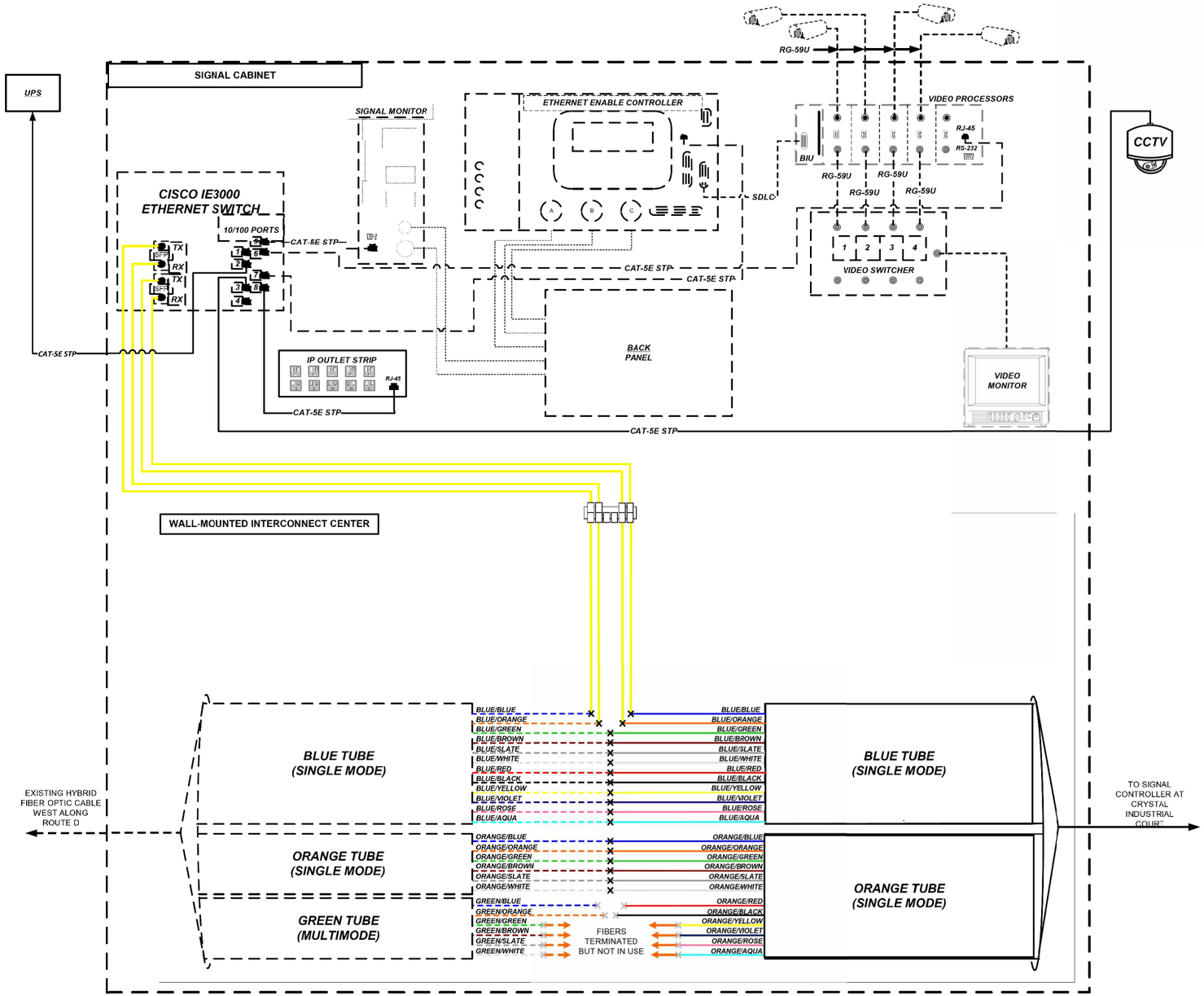
DESIGN GROUP, LLC

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1411 East 104th St.
Kansas City, MO 64131
Tel (816) 874-4655
Fax (816) 874-4675
www.trekkdesigngroup.com

Missouri Cert. of Authority #2002010000

189_ITS_002_J6S3215.dgn

ROUTE	VISIO FILENAME	LAST UPDATE DATE:	SHEET NO.
RTE D	RT00DW006.0Z.vsdx	03/17/2023	



KEY

- E238.2D — DEVICE IDENTIFIER
- MICROWAVE DETECTOR
- EXISTING MICROWAVE DETECTOR
- CCTV CAMERA
- EXISTING CCTV CAMERA
- DMS — DYNAMIC MESSAGE SIGN
- DMS — EXISTING DYNAMIC MESSAGE SIGN
- EQUIPMENT CONNECTION FIBER OPTIC JUMPER
- FIBER OPTIC PIGTAIL
- MM PATCH THROUGH FIBER OPTIC JUMPER
- MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
- MM FIBER OPTIC PIGTAIL
- BARE FIBER LEFT COILED IN SPLICE TRAY
- FUSION SPLICE
- PATCH PANEL MODULE
- WIRELESS LINK
- VDS AP — SENSYS DETECTION SYSTEM

NOTE: DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES

NOT TO SCALE

PROJECT (S):

FIBER SPLICING AND CONNECTION DETAIL

ROUTE D AT WALTON
RT00DW006.0Z

190_ITS_003_J6S3215.dgn

TERESA A. KRENNING NUMBER PE-027536 — STATE OF MISSOURI — PROFESSIONAL ENGINEER

THIS SHEET WAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	190

COUNTY: ST. LOUIS

JOB NO.: J6S3215

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

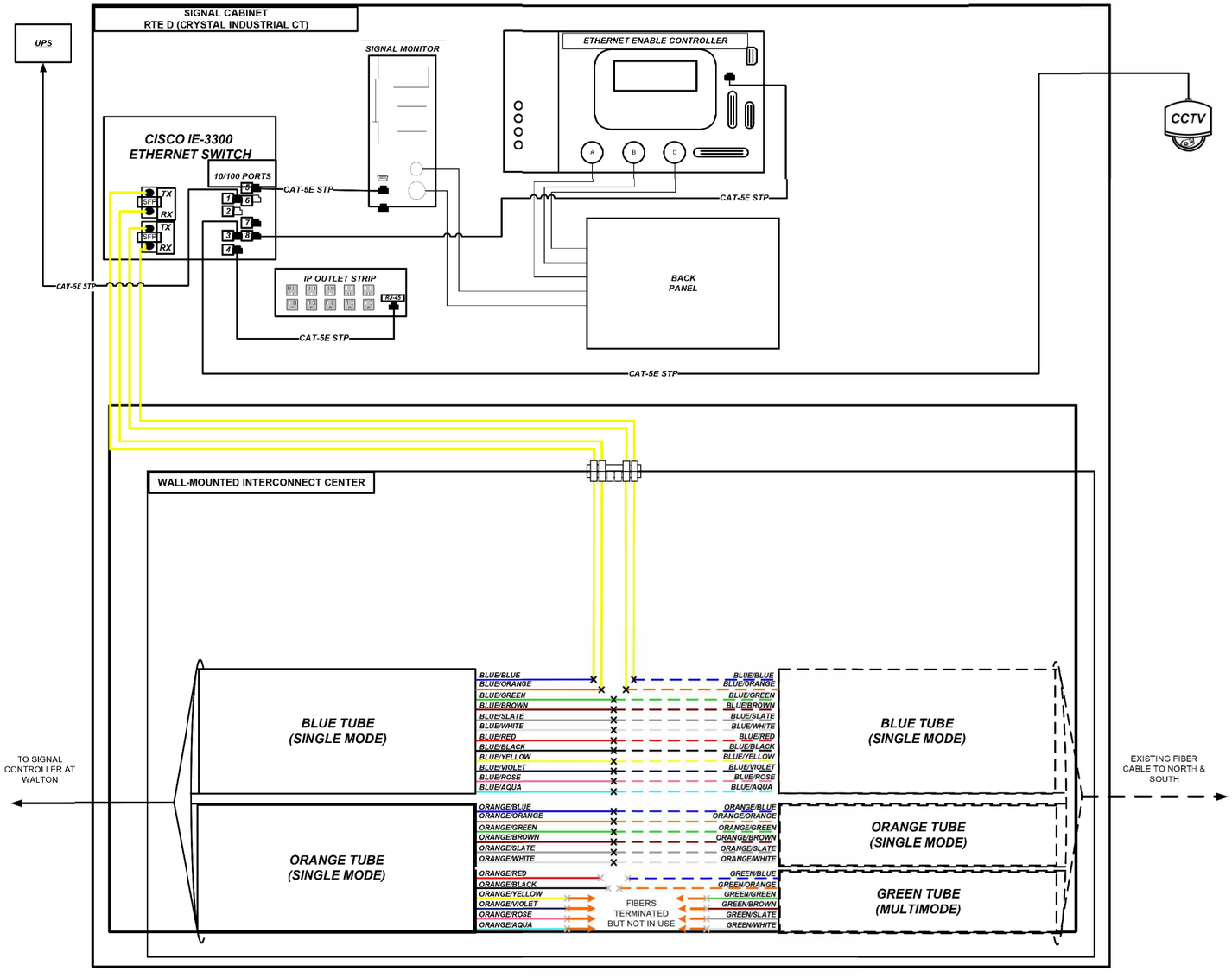
MoDOT J6S3215 – ROUTE D PROJECT

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Kansas City, MO 64131
Tel.(816) 874-4655
Fax.(816) 874-4675
www.trekdesigngroup.com

Missouri Cert. of Authority 2002010300

DESIGN GROUP, LLC

ROUTE	VISIO FILENAME	LAST UPDATE DATE:	SHEET NO.
RTE D	RT00DW006.2Z	03/17/2023	



KEY

E238.2D	DEVICE IDENTIFIER
	MICROWAVE DETECTOR
	EXISTING MICROWAVE DETECTOR
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

NOTE: DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES

VLAN VL229

NOT TO SCALE

PROJECT (S):

FIBER SPLICING AND CONNECTION DETAIL
ROUTE D AT CRYSTAL INDUSTRIAL COURT MIDBLOCK CROSSING
RT00DW006.2Z

TERESA A. KRENNING NUMBER PE-027536
STATE OF MISSOURI PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	191

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

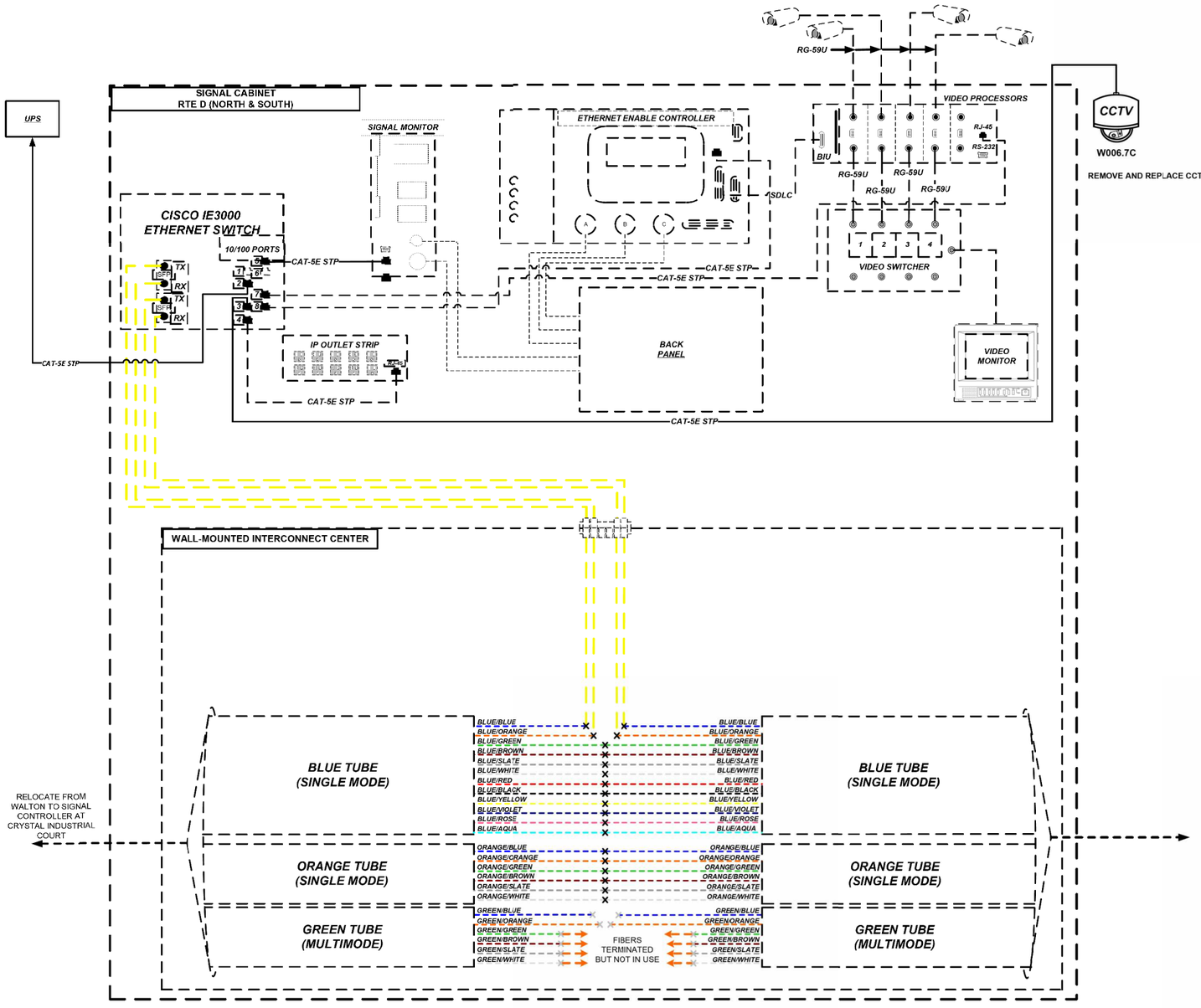
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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Missouri Cert. of Authority 2002010300

ROUTE	VISIO FILENAME	LAST UPDATE DATE:	SHEET NO.
RTE D	RT00DW006.7Z.vsdx	03/01/2023	



KEY

E238.2D	DEVICE IDENTIFIER
	MICROWAVE DETECTOR
	EXISTING MICROWAVE DETECTOR
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

NOTE: DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES

NOT TO SCALE

FIBER SPLICING
AND
CONNECTION DETAIL
ROUTE D AT NORTH & SOUTH
RT00DW006.7Z

PROJECT (S):

TERESA A. KRENNING
NUMBER PE-027536
STATE OF MISSOURI
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED
29-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	192

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

1411 East 104th St.
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Fax (816) 874-4675
www.trekdesigngroup.com
Missouri Cert. of
Authority 2002010500
DESIGN GROUP, LLC

192_ITS_005_J6S3215.dgn

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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.

SCALE
0 40 80 120

I-170

I-170 NB ON-RAMP

EXISTING R/W

BELTWAY DRIVE (UIP) STA. 168+60 45.7' LT

BELT WAY DRIVE

(a) SOUTH M3-3 (R & R) 24" x 12"
(d) NORTH M3-1 (R & R) 24" x 12"
(b) INTERSTATE 170 M1-1 (R & R) 30" x 24"
(e) INTERSTATE 170 M1-1 (R & R) 30" x 24"
(c) M6-3 21" x 15"
(f) M5-1R 21" x 15"

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
OLA AND AMY
I9-1a 36" x 30"

METRO BUS STOP (DND)
STA. 166+47
54.0' LT
ON LIGHT POLE

STOP R1-1 36" x 36"

(a) JCT M2-1 (R & R) 21" x 15"
(b) INTERSTATE MISSOURI 170 M1-1 (R & R) 30" x 24"

YIELD R1-2 48" x 48"
W12-1 36" x 36"

WATERWORKS ROAD

℄ ROUTE D

EXISTING R/W

METRO BUS STOP (DND)
STA. 166+29
62.2' RT

I-170 NB OFF-RAMP

EXISTING R/W

MATCHLINE STA. 171+50

Buckle Up IT'S THE LAW R16-27 36" x 48"

ONE WAY R6-1R 54" x 18"

W4-2R 36" x 36"

I9-1a 36" x 30"

R4-7 24" x 30"

R4-7 24" x 30"

R4-7 24" x 30"

W12-1 36" x 36"

1	+42	8	+93 (R&R)
2	+80 (R&R)	9	+55 (R&R)
3	+87 (R&R)	10	+14 (R&R)
4	+15 (R&R)	11	+07 (R&R)
5	+20 (R&R)	12	+37 (R&R)
6	+09 (R&R)	13	+39 (R&R)
7	+78 (R&R)		

LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
BEGIN PROJECT TO STA. 171+50
SHEET 1 OF 13

193_SN_001_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS SHEET ARE AUTHENTIC AND WERE AUTHORIZED BY CASEY ELSTEN, PE 2010019533. THIS SHEET HAS BEEN SIGNED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	193

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

SCALE
0 40 80 120

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. 171+50

MATCHLINE STA. 182+00

EXISTING R/W

SANDBLASTING FACILITY ROAD

175

WALTON ROAD

℄ ROUTE D

15 YIELD R1-2 48″ × 48″ +06 (R&R)

16 W12-1 36″ × 36″ +92 (R&R)

17 R4-7 24″ × 30″ +06 (R&R)

18 YIELD R1-2 48″ × 48″ +51 (R&R)

19 R4-7 24″ × 30″ +69 (R&R)

20 R4-7 24″ × 30″ +03 (R&R)

21 ONE WAY R6-1R 54″ × 18″ +24

22 ONE WAY R6-1R 54″ × 18″ +84

W3-3 36″ × 36″

WALTON ROAD (R) STA 180+81 R4 40.6′ RT

LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 171+50 TO STA. 182+00
SHEET 2 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	194

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

194_SN_002_J6S3215_i40.dgn

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

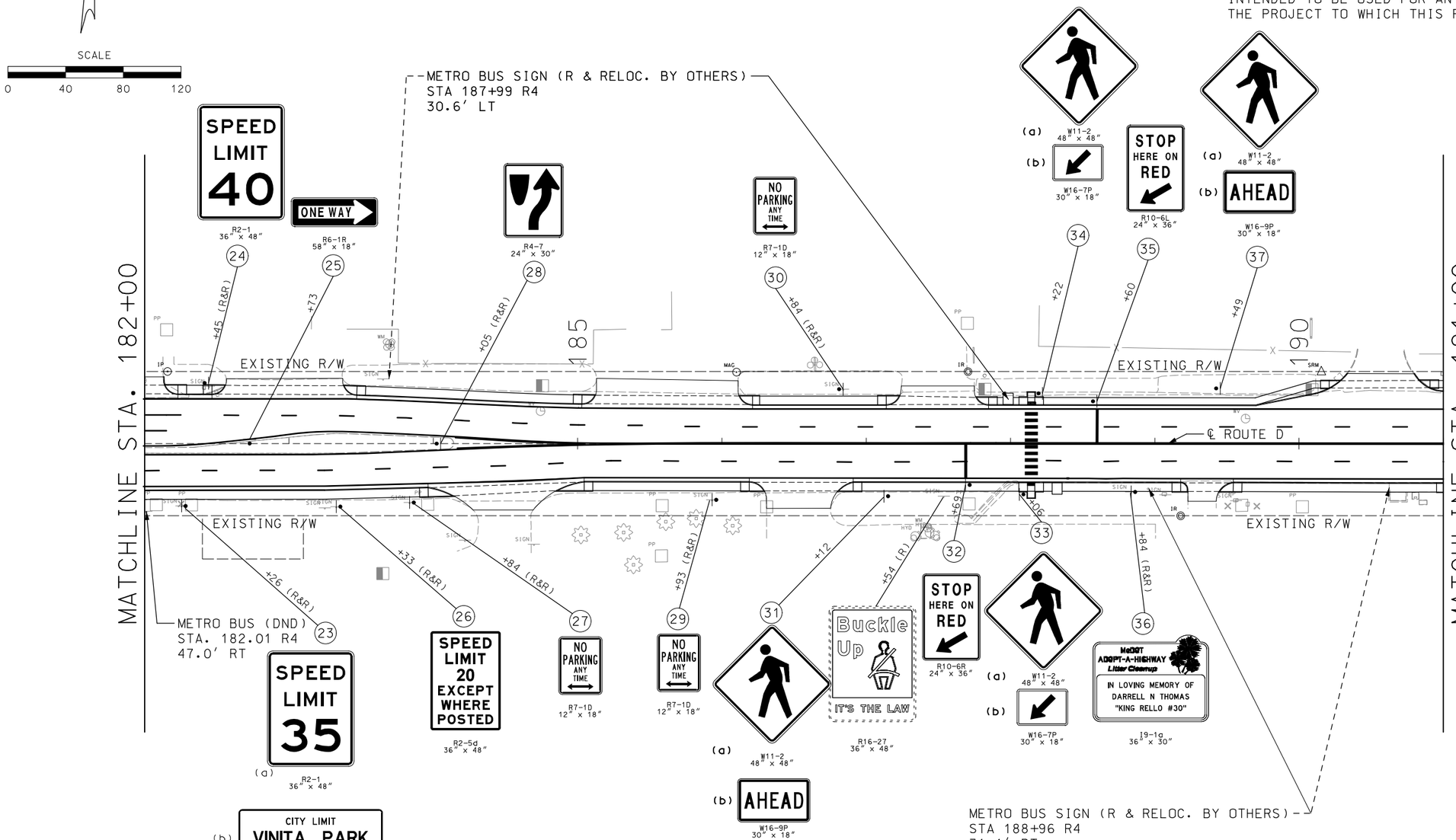
SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

DISCLAIMER

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SCALE

0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 182+00 TO STA. 191+00
SHEET 3 OF 13

195_SN_003_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN DIGITALLY SIGNED, SEALED AND DATED IN BLACK.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	195

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

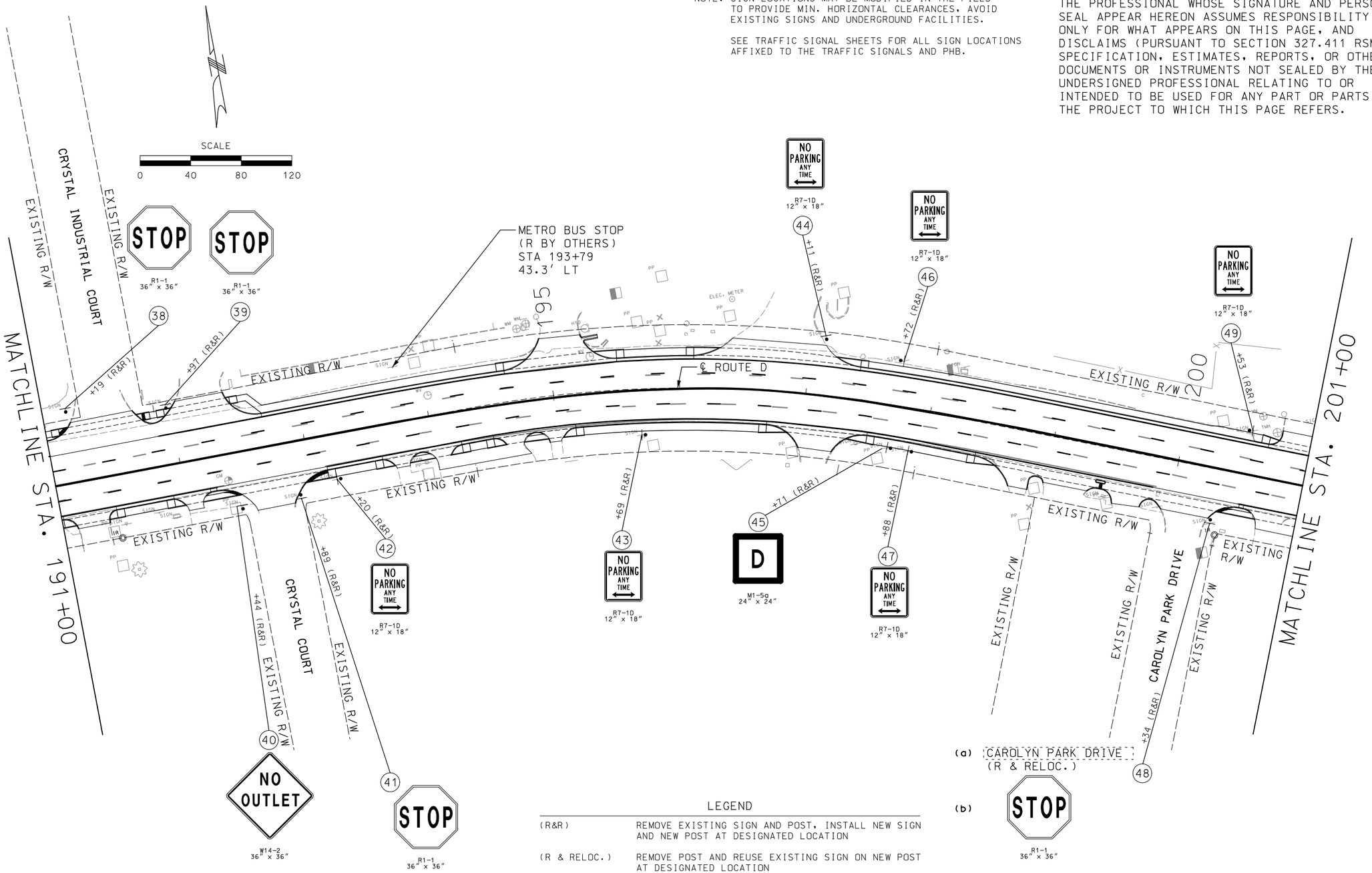
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 191+00 TO STA. 201+00
SHEET 4 OF 13

196_SN_004_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SIGNATURE MUST BE ORIGINAL, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	196

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SCALE
0 40 80 120

* THESE SIGNS ARE NOT PAID SEPARATELY. INCLUDED IN THE LUMP SUM PAY ITEM FOR RRFB. SEE JSP _ FOR DETAILS.

SEE SHEET 186 FOR INSTALLATION DETAILS.

METRO BUS SIGN
(R & RELOC. BY OTHERS)
STA. 204+29 R6
35.4' LT

MATCHLINE STA. 201+00

MATCHLINE STA. 211+00

EXISTING R/W

℄ ROUTE D

GULF DRIVE
(a) (R & RELOC.)

ERMES DR.
(R & RELOC.)
STA 204.24 R6
30.4' RT

METRO BUS SIGN
(R & RELOC. BY OTHERS)
STA 204.24 R6
30.4' RT

ATHERTON DR.
(UIP)
STA 208+47 R6
37.00' RT

ERMES DRIVE

ATHERTON DRIVE

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST. INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 201+00 TO STA. 211+00
SHEET 5 OF 13

197_SN_005_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS PAGE WAS AUTHORIZED BY CASEY ELSTEN, PE, ON 31-AUG-2023

DATE PREPARED 31-AUG-2023
ROUTE D | STATE MO
DISTRICT SL | SHEET NO. 197
COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

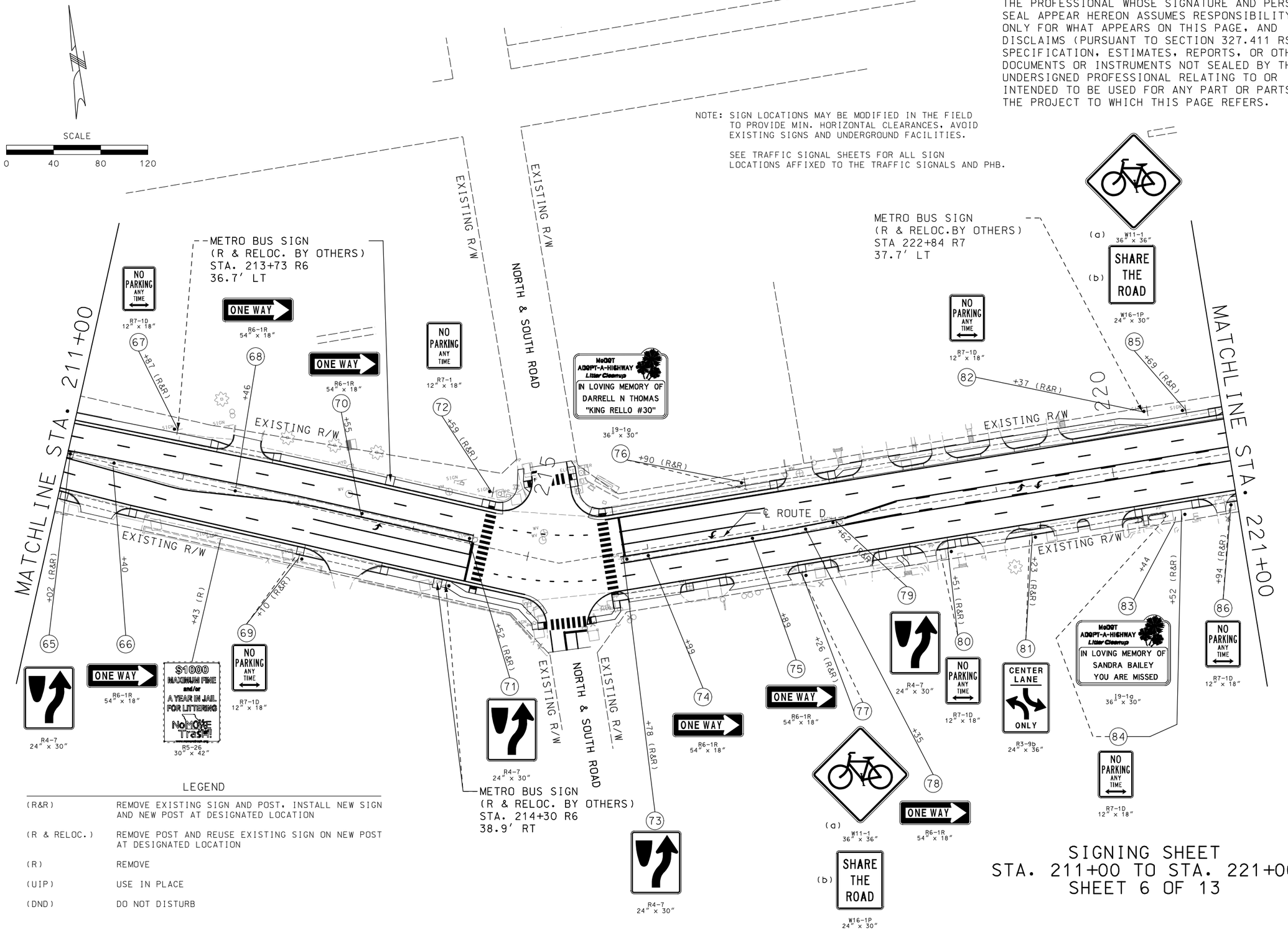
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST.LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 40 80 120

DISCLAIMER
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NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

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LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 211+00 TO STA. 221+00
SHEET 6 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 198
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

198_SN_006_J6S3215_i40.dgn

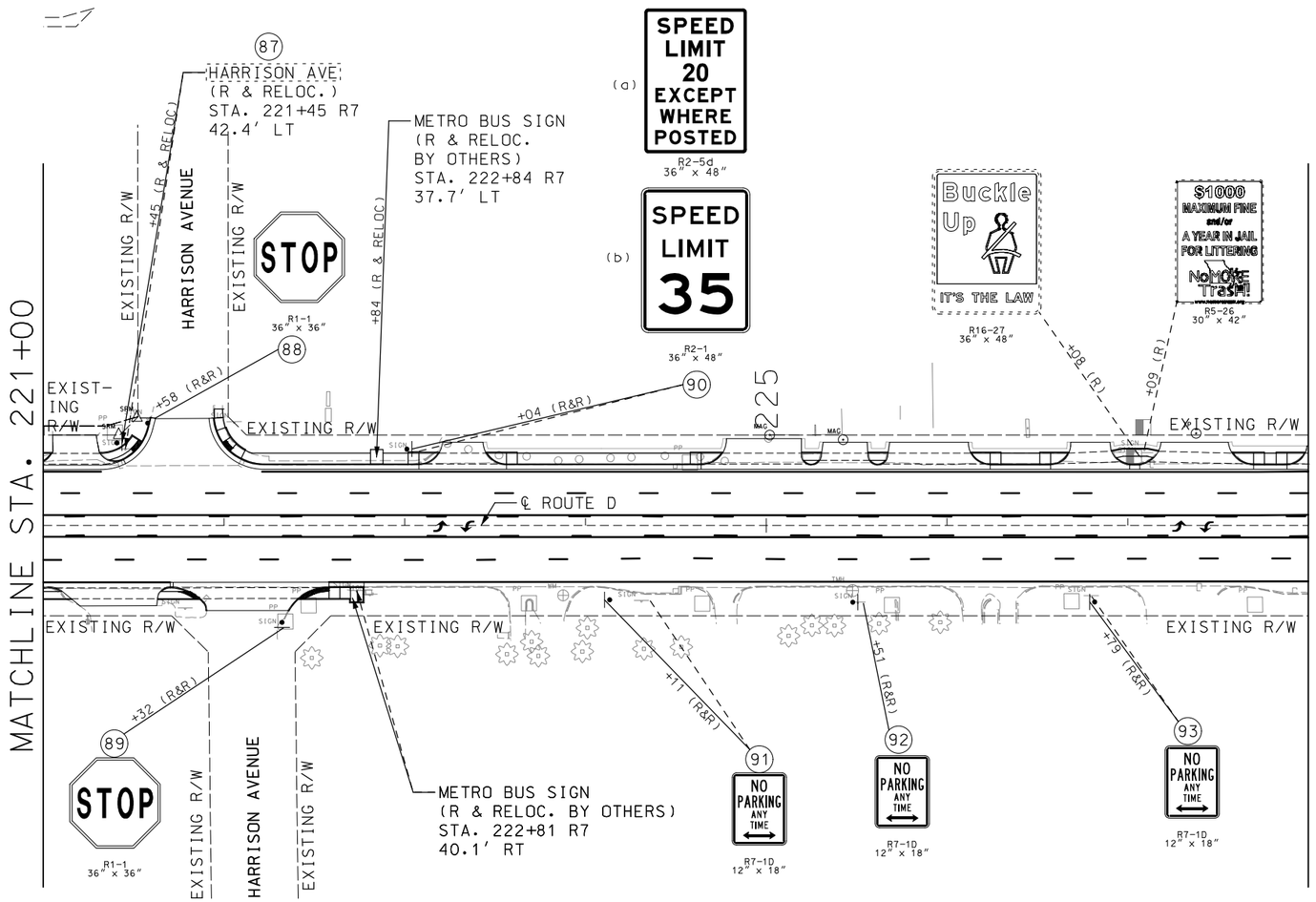
NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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SCALE
0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 221+00 TO STA. 228+00
SHEET 7 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 199
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

199_SN_007_J6S3215_i40.dgn

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

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SCALE
0 40 80 120

MATCHLINE STA. 228+00

MATCHLINE STA. 238+00

EXISTING R/W

MIDLAND BOULEVARD

LAMB AVENUE

N. HANLEY ROAD

TCE

EXISTING ℄ ROUTE D

SPEED LIMIT 35

CITY LIMIT VINITA PARK

BEGIN RIGHT TURN LANE YIELD TO BIKES

BEGIN RIGHT TURN LANE

METRO BUS SIGN (R & RELOC. BY OTHERS) STA. 233+25 R7 44.8′ RT

LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 228+00 TO STA. 238+00
SHEET 8 OF 13

200_SN_008_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	200

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

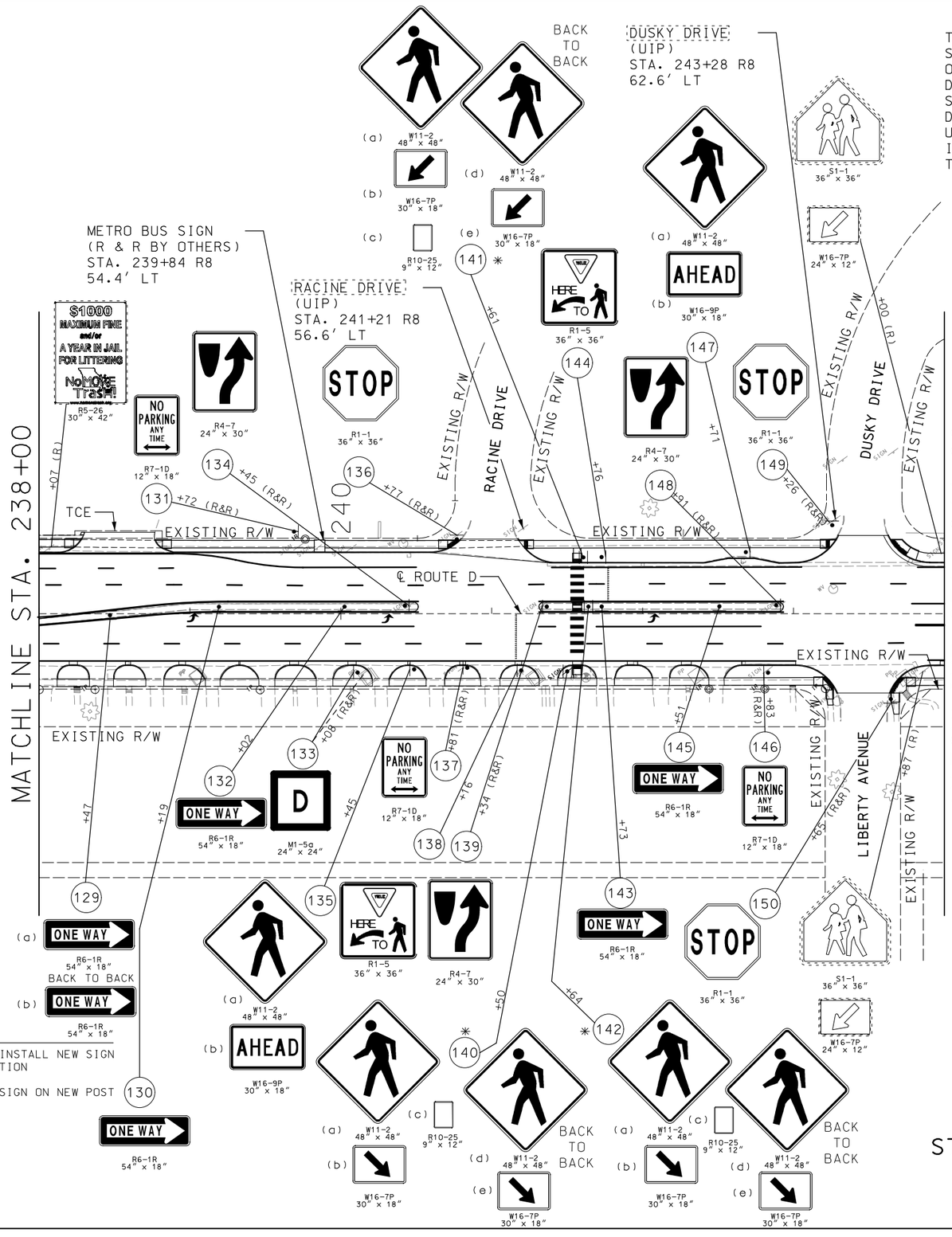
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 40 80 120



NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

✳ THESE SIGNS ARE NOT PAID SEPARATELY. INCLUDED IN THE LUMP SUM PAY ITEM FOR RRFB. SEE JSP _ FOR DETAILS.

SEE SHEET 186 FOR INSTALLATION DETAILS.

LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

DISCLAIMER

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SIGNING SHEET
STA. 238+00 TO STA. 244+00
SHEET 9 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	201

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

201_SN_009_J6S3215_i40.dgn

NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

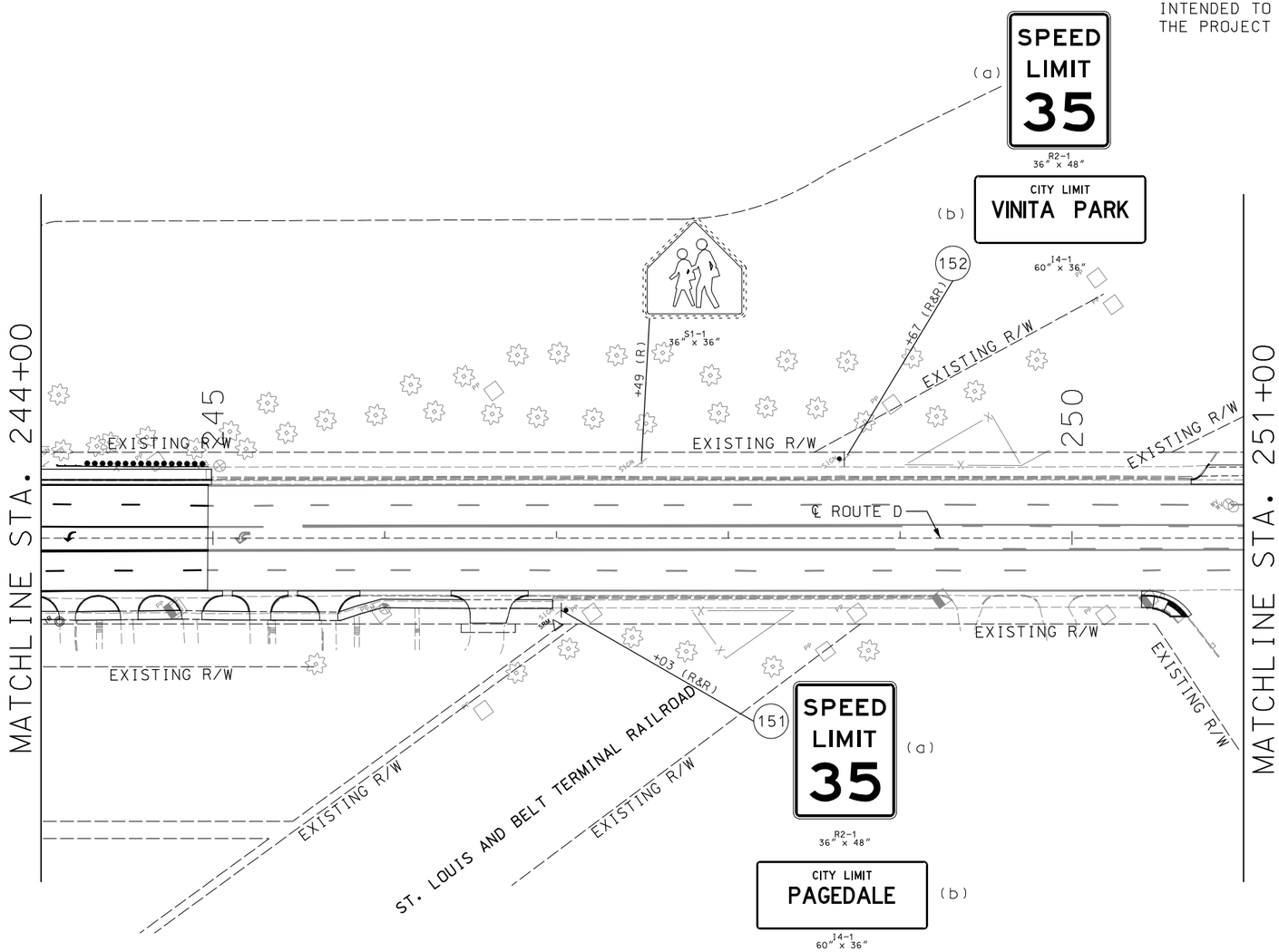
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SCALE

0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 244+00 TO STA. 251+00
SHEET 10 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	202

COUNTY ST. LOUIS
JOB NO. J6S3215
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

202_SN_010_J6S3215_i40.dgn

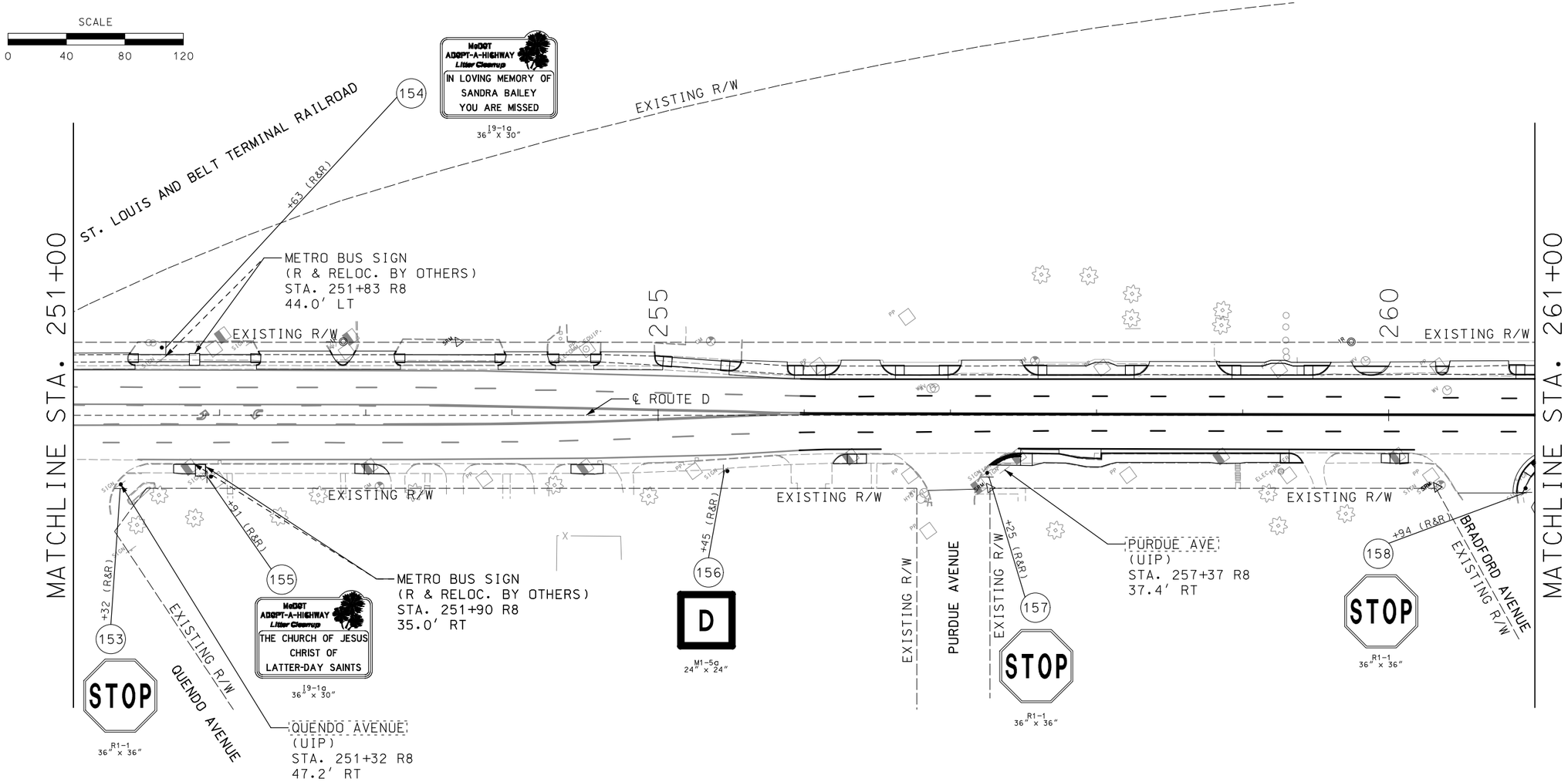
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SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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.

SCALE
0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 251+00 TO STA. 261+00
SHEET 11 OF 13

203_SN_011_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	203

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

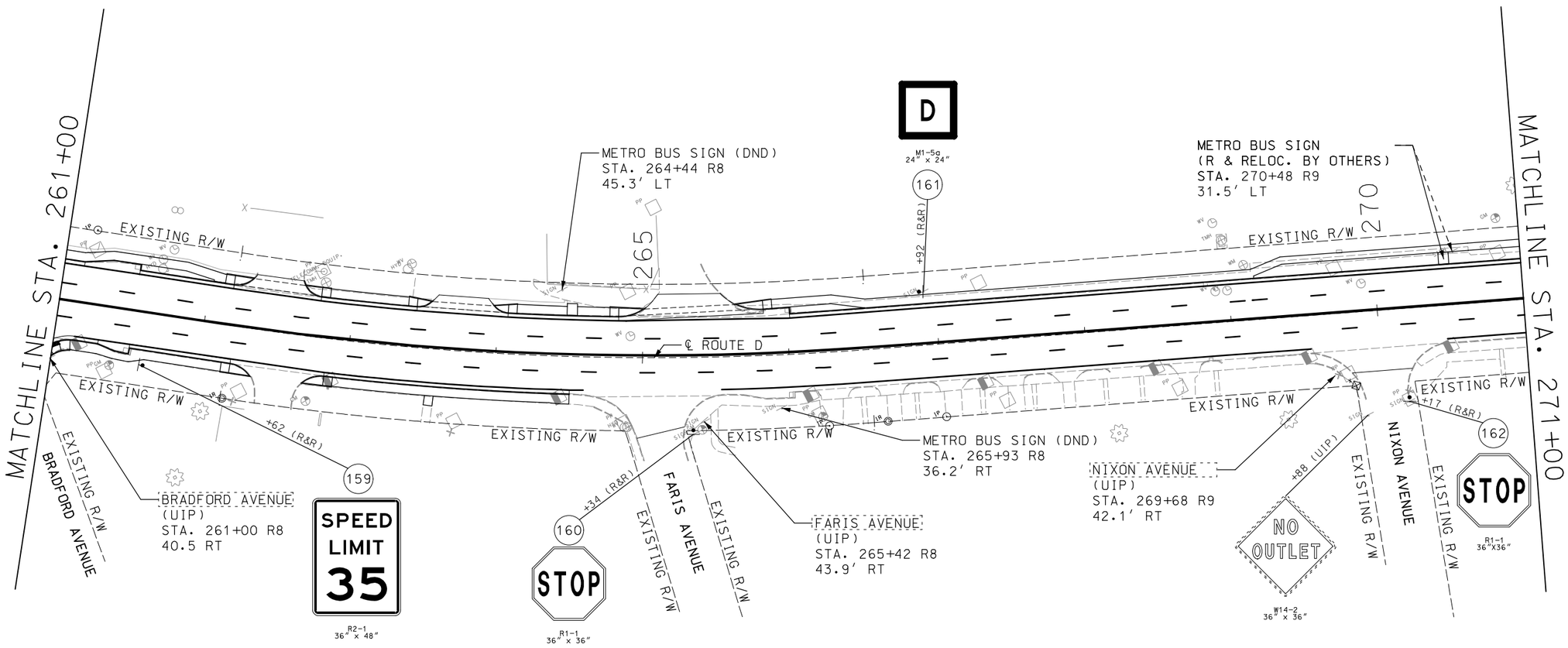
NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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.

SCALE
0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 261+00 TO STA. 271+00
SHEET 12 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ELECTRONICALLY SEALED AND DATED.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	204

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

204_SN_012_J6S3215_i40.dgn

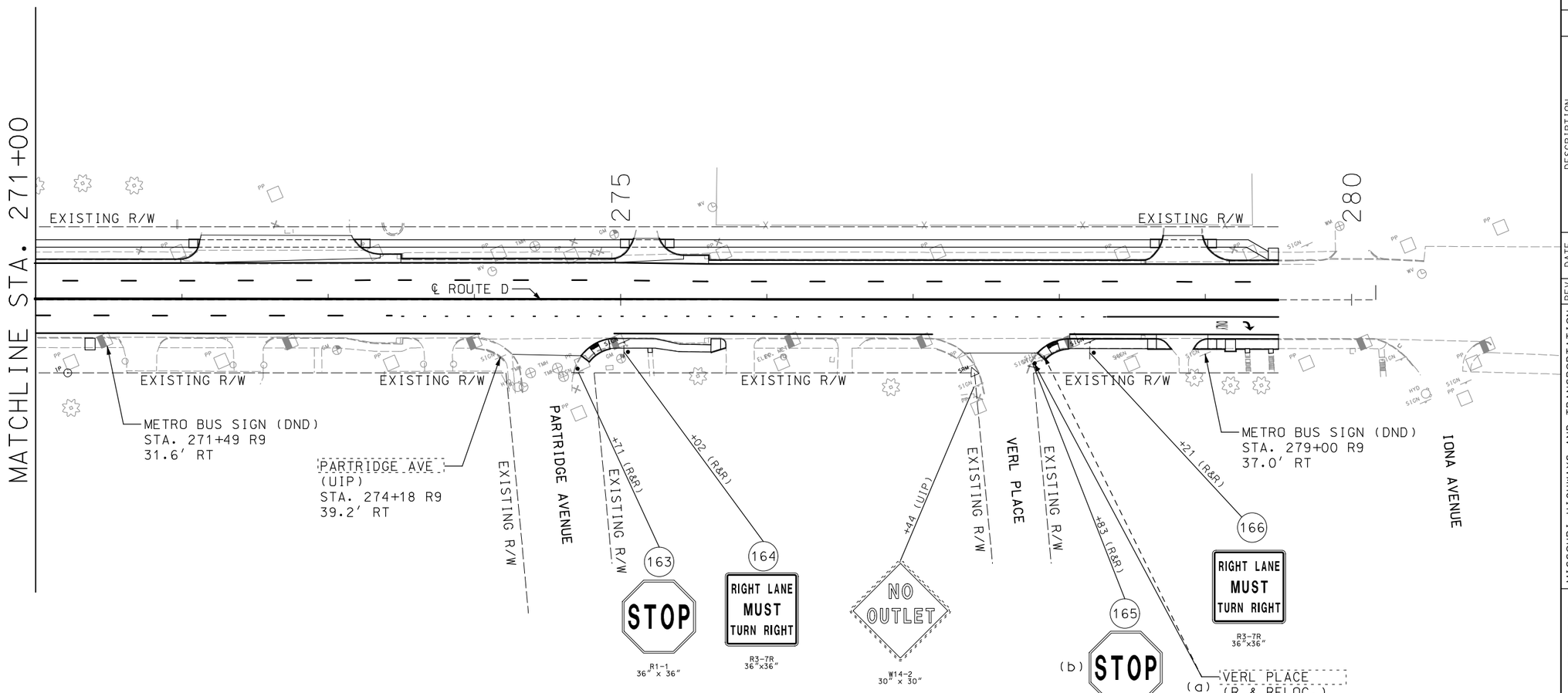
NOTE: SIGN LOCATIONS MAY BE MODIFIED IN THE FIELD TO PROVIDE MIN. HORIZONTAL CLEARANCES, AVOID EXISTING SIGNS AND UNDERGROUND FACILITIES.

SEE TRAFFIC SIGNAL SHEETS FOR ALL SIGN LOCATIONS AFFIXED TO THE TRAFFIC SIGNALS AND PHB.

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.

SCALE
0 40 80 120



LEGEND

(R&R)	REMOVE EXISTING SIGN AND POST, INSTALL NEW SIGN AND NEW POST AT DESIGNATED LOCATION
(R & RELOC.)	REMOVE POST AND REUSE EXISTING SIGN ON NEW POST AT DESIGNATED LOCATION
(R)	REMOVE
(UIP)	USE IN PLACE
(DND)	DO NOT DISTURB

SIGNING SHEET
STA. 271+00 TO END PROJECT
SHEET 13 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED, SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	205

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

205_SN_013_J6S3215_i40.dgn

EFFECTIVE: 07-01-2022

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE													REMARKS AND OTHER REQUIRED ITEMS
																							2 IN. POST						2.5 IN. POST						BREAK-*** AWAY ASSEMBLY	
																									ANCHORS					ANCHORS						
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	2" X ¾" BARS @ 2.55 LBS PER FT LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS		IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
1	36"x36"	164+42		50.5 RT																									11		11		1			
2	36"x30"	164+80		59.8 RT																									10		10		1			
3	36"x30"	164+87		58.2 LT																									10		10		1			
4	24"x30"	166+15		7.6 RT																									10		10		1			
5a	24"x12"	167+20		47.0 LT		0.36							4.0	15		10.79	161.9	5	50	20.8	53.0																
5b	30"x24"	167+20		47.0 LT														1	38	3.2	8.2																
5c	21"x15"	167+20		47.0 LT																																
5d	24"x12"	167+20		47.0 LT																																
5e	30"x24"	167+20		47.0 LT																																
5f	21"x15"	167+20		47.0 LT																																
6	36"x36"	168+09		50.4 LT																									11		11		1			
7a	21"x15"	168+78		30.6 LT																									12		12		1			
7b	30"x24"	168+78		30.6 LT																																
8	24"x30"	168+93		9.6 RT																									10		10		1			
9	54"x18"	169+55		7.3 RT		0.13							2.5	13		5.79	75.3																				
10	24"x30"	171+14		1.3 RT																									10		10		1			
11	48"x48"	171+07		74.8 LT																									12		12		1			
12	36"x36"	171+37		39.2 RT																									11		11		1			
13	36"x36"	171+39		46.7 LT																									11		11		1			
14	36"x36"	171+87		53.4 RT																									11		11		1			
15	48"x48"	172+06		62.5 LT																									12		12		1			
16	36"x36"	176+92		40.9 RT																									11		11		1			
17	24"x30"	177+06		0.0 LT																									10		10		1			
18	48"x48"	179+51		51.2 LT																									12		12		1			
19	24"x30"	179+99		6.6 LT																									10		10		1			
20	24"x30"	181+03		4.4 RT																									10		10		1			
21	54"x18"	181+24		4.4 RT		0.13							2.5	13		5.79	75.3																				
22	54"x18"	181+84		4.4 RT		0.13							2.5	13		5.79	75.3																				
23a	36"x48"	182+26		43.2 RT		0.36							4.0	16		10.79	172.6																				
23b	60"x36"	182+26		43.2 RT																																
23c	24"x24"	182+26		43.2 RT																																
24	36"x48"	182+45		41.7 LT																									12		12		1			
25	54"x18"	182+73		0.00 LT		0.13							2.5	13		5.79	75.3																				
26	36"x48"	183+33		43.7 RT																									12		12		1			
27	12"x18"	183+84		40.8 RT																									9		9		1			
28	24"x30"	184+05		0.00 LT																									10		10		1			
29	12"x18"	185+93		39.0 RT																									9		9		1			
30	12"x18"	186+84		37.7 LT																									9		9		1			
31a	48"x48"	187+12		36.5 RT																									13		13	1		1	1	
31b	30"x18"	187+12		36.5 RT																																
32	24"x36"	187+69		28.6 RT																									11		11		1			
33a	48"x48"	188+06		35.2 RT																									13		13	1		1	1	
33b	30"x18"	188+06		35.2 RT																																
34a	48"x48"	188+22		34.8 LT																									13		13	1		1	1	
34b	30"x18"	188+22		34.8 LT																																
35	24"x36"	188+60		29.3 LT																									11		11		1			
36	36"x30"	188+84		33.5 RT																									10		10		1			
37a	48"x48"	189+49		39.4 LT																									13		13	1		1	1	
37b	30"x18"	189+49		39.4 LT																																
38	36"x36"	191+19		59.0 LT																									11		11		1			
39	36"x36"	191+97		47.4 LT																									11		11		1			
40	36"x36"	192+44		42.2 RT																									11		11		1			
41	36"x36"	192+89		45.5 RT																									11		11		1			
42	12"x18"	193+20		35.9 RT																									9		9		1			
43	12"x18"	195+69		36.4 RT																									9		9		1			
44	12"x18"	197+11		47.0 LT																									9		9		1			
45	24"x24"	197+71		34.0 RT																									10		10		1			
46	12"x18"	197+72		35.8 LT																									9		9		1			
47	12"x18"	197+88		33.7 RT																									9		9		1			
48a	EXIST.	200+34		43.1 RT																									12		12		1			
				SUBTOTAL		1.24											635.7				61.2										450	4	38	4	4		
				TOTAL		1.2											696.9				**										450	4	38	4	4		

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
*** SEE SPECIFICATIONS FOR REDI-TORQUE BREAK-AWAY SYSTEM

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGN QUANTITIES
SHEET 1 OF 4

D-29

206_SN_014_J6S3215_i1_D29.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN DIGITALLY SEALED AND DATED.

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	206

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 07-01-2022

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												REMARKS AND OTHER REQUIRED ITEMS
																							2 IN. POST						2.5 IN. POST						
																										ANCHORS					ANCHORS		BREAK-*** AWAY ASSEMBLY	
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X ¾" BARS @ 2.55 LBS PER FT NO. EACH	LGTH IN.	TOTAL LF	TOTAL LBS	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
48b	36"x36"	200+34		43.1 RT																																
49	12"x18"	200+53		35.3 LT																									9		9		1			
50a	48"x48"	202+25		35.0 RT																									13		13	1		1	1	
50b	30"x18"	202+25		35.0 RT																																
51a	EXIST.	202+95		45.5 RT																									12		12		1			
51b	36"x36"	202+95		45.5 RT																																
52a	36"x36"	203+80		33.9 RT																									12		12		1			
52b	12"x18"	203+80		33.9 RT																																
53	24"x30"	203+93		2.4 LT																									10		10		1			
57	24"x30"	204+23		2.4 LT																									10		10		1			
58	36"x36"	204+40		41.8 LT																									11		11		1			
59a	EXIST.	205+44		39.5 RT																									12		12		1			
59b	36"x36"	205+44		39.5 RT																																
60a	48"x48"	205+80		39.4 LT																									13		13	1		1	1	
60b	30"x18"	205+80		39.4 LT																																
61	12"x18"	205+96		39.4 LT																									9		9		1			
62	36"x36"	208+40		49.0 RT																									11		11		1			
63	12"x18"	209+38		35.4 LT																									9		9		1			
64	36"x48"	210+90		36.2 LT																									12		12		1			
65	24"x30"	211+02		0.7 LT																									10		10		1			
66	54"x18"	211+40		2.2 RT		0.13							2.5	13		5.79	75.3																			
67	12"x18"	211+87		40.1 LT																									9		9		1			
68	54"x18"	212+46		2.8 LT		0.13							2.5	13		5.79	75.3																			
69	12"x18"	213+10		43.9 RT																									9		9		1			
70	54"x18"	213+55		1.9 LT		0.13							2.5	13		5.79	75.3																			
71	24"x30"	214+52		5.1 LT																									10		10		1			
72	12"x18"	214+59		46.8 LT																									9		9		1			
73	24"x30"	215+78		4.8 RT																									10		10		1			
74	54"x18"	215+99		5.6 RT		0.13							2.5	13		5.79	75.3																			
75	54"x18"	216+89		5.6 RT		0.13							2.5	13		5.79	75.3																			
76	36"x30"	216+90		42.3 LT																									10		10		1			
77a	36"x36"	217+26		43.9 RT																									13		13	1		1	1	
77b	24"x30"	217+26		43.9 RT																																
78	54"x18"	217+35		3.2 RT		0.13							2.5	13		5.79	75.3																			
79	24"x30"	217+62		3.1 RT																									10		10		1			
80	12"x18"	218+51		43.8 RT																									9		9		1			
81	24"x36"	219+23		43.3 RT																									11		11		1			
82	12"x18"	220+37		47.0 LT																									9		9		1			
83	36"x30"	220+45		45.6 RT																									10		10		1			
84	12"x18"	220+52		44.7 RT																									9		9		1			
85a	36"x36"	220+69		42.5 LT																									13		13	1		1	1	
85b	24"x30"	220+69		42.5 LT																																
86	12"x18"	220+94		43.2 RT																									9		9		1			
87	EXIST.	221+45		42.4 LT																									8		8		1			
88	36"x36"	221+58		59.4 LT																									11		11		1			
89	36"x36"	222+32		56.4 RT																									11		11		1			
90a	36"x48"	223+04		42.3 LT																									12		12	1		1	1	
90b	36"x48"	223+04		42.3 LT																																
91	12"x18"	224+11		41.2 RT																									9		9		1			
92	12"x18"	225+51		42.4 RT																									9		9		1			
93	12"x18"	226+79		42.3 RT																									9		9		1			
94	36"x36"	229+19		43.6 RT																									11		11		1			
95	24"x30"	229+21		4.1 RT																									10		10		1			
96a	54"x18"	229+50		5.4 RT		0.13							2.5	13		5.79	75.3																			
96b	54"x18"	229+50		5.4 RT																																
97	54"x18"	230+31		5.0 LT		0.13							2.5	13		5.79	75.3																			
98	48"x48"	230+26		67.8 LT																									12		12		1			
99	36"x36"	230+55		53.9 LT																									11		11		1			
100	24"x30"	230+58		4.9 LT																									10		10		1			
101	24"x30"	230+96		64.0 LT																									10		10		1			
				SUBTOTAL		1.04											602.4				0									436	5	37	5	5		
				TOTAL		2.3											1299.3				**									886	9	75	9	9		

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
*** SEE SPECIFICATIONS FOR REDI-TORQUE BREAK-AWAY SYSTEM

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5,79	0,48	4'- 3½"	12"	4'-6"	0,13
3	7,58	0,63	4'- 3½"	12"	4'-6"	0,13
4	10,79	0,90	5'- 3½"	18"	5'-6"	0,36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9,0	0,75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0,16	3'-6"	0,17
2	W6	15.0	1,25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0,54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22,0	1,83	5'-0"	36"	5'-0"	1,31	5'-2"	1,36	5'-3"	1,39	5'-6"	1,45
5	W10	26,0	2,17	5'-0"	36"	5'-0"	1,31	5'-3"	1,37	5'-5"	1,43	5'-9"	1,52
6	W12	35.0	2,92	5'-6"	36"	5'-6"	1,44	5'-9"	1,52	5'-11"	1,56	6'-3"	1,65

SIGN QUANTITIES
SHEET 2 OF 4

D-29

207_SN_015_J6S3215_i1_D29.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL WAS AUTHORIZED BY CASEY ELSTEN ON THE DATE SHOWN BELOW AND THE ORIGINAL SEALED AND SIGNED COPY IS STORED AT THE ENGINEER'S OFFICE

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	207

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 07-01-2022

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE													REMARKS AND OTHER REQUIRED ITEMS
																							2 IN. POST						2.5 IN. POST						BREAK-*** AWAY ASSEMBLY	
																									ANCHORS					ANCHORS						
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	2" X ¾" BARS @ 2.55 LBS PER FT LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY	LF	LF	LF	LF	LBS	LF	IN.	LF	LF	LBS	LF	IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA		
102	24"x30"	231+02		51.5 LT																									10		10		1			
103	24"x30"	231+31		50.5 RT																									10		10		1			
104	54"x18"	231+43		95.9 RT		0.13							2.5	13		5.79	75.3																			
105	36"x36"	231+56		33.2 LT																									11		11		1			
106	48"x48"	231+65		55.3 LT																									12		12		1			
107a	36"x48"	231+68		64.2 LT		0.36							4.0	19		10.79	205.0																			
107b	60"x36"	231+68		64.2 LT																																
108	36"x36"	231+71		45.9 RT																									11		11		1			
109	24"x30"	231+75		6.5 RT																									10		10		1			
110	48"x48"	231+87		65.1 RT																									12		12		1			
111	36"x48"	232+16		39.4 RT																									12		12		1			
112	54"x18"	232+26		6.6 RT		0.13							2.5	13		5.79	75.3																			
113a	54"x18"	232+75		2.5 RT		0.13							2.5	13		5.79	75.3																			
113b	54"x18"	232+75		2.5 RT																																
114	54"x18"	233+31		2.4 LT		0.13							2.5	13		5.79	75.3																			
115	36"x30"	233+68		49.4 LT																									10		10		1			
116a	54"x18"	233+97		3.0 LT		0.13							2.5	13		5.79	75.3																			
116b	54"x18"	233+97		3.0 LT																																
117	54"x18"	234+69		3.0 LT		0.13							2.5	13		5.79	75.3																			
118	48"x48"	234+92		85.7 LT																									12		12		1			
119	24"x30"	235+12		3.0 LT																									10		10		1			
120	36"x36"	235+15		67.9 LT																									11		11		1			
121	24"x30"	235+45		70.2 RT																									10		10		1			
122	54"x18"	236+08		95.2 RT		0.13							2.5	13		5.79	75.3																			
123	36"x36"	236+06		3.9 LT																									11		11		1			
124	24"x30"	236+39		5.6 RT																									10		10		1			
125	12"x18"	236+44		42.1 LT																									9		9		1			
126a	54"x18"	236+80		5.6 RT		0.13							2.5	13		5.79	75.3																			
126b	54"x18"	236+80		5.6 RT																																
127	54"x18"	237+49		5.6 RT		0.13							2.5	13		5.79	75.3																			
128	36"x36"	237+69		43.4 LT																									11		11		1			
129a	54"x18"	238+47		1.0 RT		0.13							2.5	13		5.79	75.3																			
129b	54"x18"	238+47		1.0 RT																																
130	54"x18"	239+19		4.6 LT		0.13							2.5	13		5.79	75.3																			
131	12"x18"	239+72		54.4 LT																									9		9		1			
132	54"x18"	240+02		4.6 LT		0.13							2.5	13		5.79	75.3																			
133	24"x24"	240+08		38.9 RT																									10		10		1			
134	24"x30"	240+45		4.6 LT																									10		10		1			
135a	48"x48"	240+45		36.9 RT																									13		13	1		1	1	
135b	30"x18"	240+45		36.9 RT																																
136	36"x36"	240+77		52.2 LT																									11		11		1			
137	12"x18"	240+81		35.8 RT																									9		9		1			
138	36"x36"	241+16		37.8 RT																									11		11		1			
139	24"x30"	241+34		4.8 LT																									10		10		1			
143	54"x18"	241+73		4.8 LT		0.13							2.5	13		5.79	75.3																			
144	36"x36"	241+76		37.6 LT																									11		11		1			
145	54"x18"	242+51		4.8 LT		0.13							2.5	13		5.79	75.3																			
146	12"x18"	242+83		37.3 RT																									9		9		1			
147a	48"x48"	242+71		40.8 LT																									13		13	1		1	1	
147b	30"x18"	242+71		40.8 LT																																
148	24"x30"	242+91		4.8 LT																									10		10		1			
149	36"x36"	243+26		61.5 LT																									11		11		1			
150	36"x36"	243+65		59.4 RT																									11		11		1			
151a	36"x48"	247+03		42.0 RT		0.36							4.0	20		10.79	215.8																			
151b	60"x36"	247+03		42.0 RT																																
152a	36"x48"	248+67		46.2 LT		0.36							4.0	20		10.79	215.8																			
152b	60"x36"	248+67		46.2 LT																																
153	36"x36"	251+32		47.2 RT																									11		11		1			
154	36"x30"	251+63		46.3 LT																									10		10		1			
155	36"x30"	251+91		42.0 RT																									10		10		1			
			SUBTOTAL			2.90											1690.8														361	2	32	2	2		
			TOTAL			5.2											2990.1				**										1247	11	107	11	11		

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
*** SEE SPECIFICATIONS FOR REDI-TORQUE BREAK-AWAY SYSTEM

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGN QUANTITIES
SHEET 3 OF 4

D-29

208_SN_016_J6S3215_i1_D29.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL/STAMP BEARING THIS NAME, SHALL BE AFFIXED TO THIS DOCUMENT

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	208

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 07-01-2022

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE													REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																							2 IN. POST						2.5 IN. POST						BREAK-*** AWAY ASSEMBLY	
																									ANCHORS					ANCHORS						
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS	EACH	IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
156	24"x24"	255+45		38.2 RT																									10		10		1			
157	36"x36"	257+25		39.1 RT																									11		11		1			
158	36"x36"	260+94		52.8 RT																									11		11		1			
159	36"x48"	261+62		34.0 RT																									12		12		1			
160	36"x36"	265+34		52.5 RT																									11		11		1			
161	24"x24"	266+92		36.4 LT																									10		10		1			
162	36"x36"	270+17		63.5 RT																									11		11		1			
163	36"x36"	274+71		49.9 RT																									11		11		1			
164	36"x36"	275+02		35.6 RT																									11		11		1			
165a	36"x36"	277+83		43.1 RT																									11		11		1			
165b	36"x36"	277+83		43.1 RT																																
166	36"x36"	278+21		36.3 RT																									11		11		1			
SUBTOTAL						0.0											0.0														120	0	11	0	0		
TOTAL						5.2											2990.1				**										1367	11	118	11	11		

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.
*** SEE SPECIFICATIONS FOR REDI-TORQUE BREAK-AWAY SYSTEM

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE (IN.)	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
2½	5.79	0.48	4'- 3½"	12"	4'-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4'-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5'-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGN QUANTITIES
SHEET 4 OF 4

D-29

209_SN_017_J6S3215_i1_D29.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN SEALED, DATED AND SIGNED ELECTRONICALLY.

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	209

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE																								
			SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SHF	SHF	SHF	SHF	SHF	SH	SH	SH	SH	SH	SH	SH	SH	SH	SH
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH																								
			STOP R1-1 36" x 36"	YIELD R1-2 48" x 48"	R1-5 36" x 36"	SPEED LIMIT 40 R2-1 36" x 48"	SPEED LIMIT 35 R2-1 36" x 48"	SPEED LIMIT 25 EXCEPT WHEN FLASHING R2-5d 36" x 48"	R4-7R 24" x 30"	ONE WAY R6-1R 54" x 18"	NO PARKING R7-1d 12" x 18"	STOP HERE FOR PEDS R10-6L 24" x 36"	W3-3 36" x 36"	W4-2R 36" x 36"	W11-2 48" x 48"	W12-1 36" x 36"	W14-2 36" x 36"	W16-7PL 30" x 18"	AHEAD W16-9P 30" x 18"	MISSOURI 170 M1-1 30" x 24"	NORTH M3-1 24" x 12"	SOUTH M3-3 24" x 12"	D M1-5a 24" x 24"	M5-1R 21" x 15"	M6-3 21" x 15"	VINITA PARK I4-1 60" x 36"	I9-1a 36" x 30"
1	164+42	50.5 RT												1													
2	164+80	59.8 RT																									1
3	164+87	58.2 LT																									1
4	166+15	7.6 RT							1																		
5	167+20	47.0 LT																		2	1	1		1	1		
6	168+09	50.4 LT	1																								
8	168+93	9.6 RT							1																		
9	169+55	7.3 RT								1																	
10	171+14	1.3 RT							1																		
11	171+07	74.8 LT		1																							
12	171+37	39.2 RT														1											
13	171+39	46.7 LT														1											
14	171+87	53.4 RT														1											
15	172+06	62.5 LT		1																							
16	176+92	40.9 RT											1														
17	177+06	0.0 LT							1																		
18	179+51	51.2 LT		1																							
19	179+99	6.6 LT							1																		
20	181+03	4.4 RT							1																		
21	181+24	4.4 RT								1																	
22	181+84	4.4 RT								1																	
23	182+26	43.2 RT					1																1			1	
24	182+45	41.7 LT				1																					
25	182+73	0.0 LT								1																	
26	183+33	43.7 RT						1																			
27	183+84	40.8 RT									1																
28	184+05	0.0 LT							1																		
29	185+93	39.0 RT									1																
30	186+84	37.7 LT									1																
31	187+12	36.5 RT													1				1								
32	187+69	28.6 RT										1															
33	188+06	35.2 RT													1			1									
34	188+22	34.8 LT													1			1									
35	188+60	29.3 LT										1															
36	188+84	33.5 RT																									1
37	189+49	39.4 LT													1				1								
38	191+19	59.0 LT	1																								
39	191+97	47.4 LT	1																								
40	192+44	42.2 RT															1										
41	192+89	45.5 RT	1																								
42	193+20	35.9 RT									1																
43	195+69	36.4 RT									1																
44	197+11	47.0 LT									1																
45	197+71	34.0 RT																					1				
46	197+72	35.8 LT									1																
47	197+88	33.7 RT									1																
48	200+34	43.1 RT	1																								
49	200+53	35.3 LT									1																
50	202+25	35.0 RT													1				1								
51	202+95	45.5 RT	1																								
52	203+80	33.9 RT			1						1																
53	203+93	2.4 LT							1																		
57	204+23	2.4 LT							1																		
58	204+40	41.8 LT			1																						
59	205+44	39.5 RT	1																								
60	205+80	39.4 LT													1				1								
61	205+96	39.4 LT									1																

SIGN SCHEDULE
SHEET 1 OF 4

D-30

210_SN_018_J6S3215_i1_D30.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	210

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 10-01-2016

STANDARD SIGN ASSEMBLIES

| SIGN NUMBER | STATION | LOCATION | TYPE | SIGN DESCRIPTION, SIZES & NUMBER OF EACH | | |

EFFECTIVE: 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE	SIGN DESCRIPTION, SIZES & NUMBER OF EACH
				STOP R1-1 36" x 36" / R1-5 36" x 36" / SPEED LIMIT 35 R2-1 36" x 48" / ON RED R3-1 36" x 36" / RIGHT LANE MUST TURN RIGHT R3-7R 36" x 36" / R4-7R 24" x 30" / ONE WAY R6-1R 54" x 18" / NO PARKING R7-1d 12" x 18" / NO PARKING R7-1R 12" x 18" / W11-2 48" x 48" / W12-1 36" x 36" / AHEAD W16-9P 30" x 18" / D M1-5a 24" x 24" / VINITA PARK I4-1 60" x 36" / PAGEDALE I4-1 60" x 36" / I9-1a 36" x 30"
119	235+12	3.0 LT	SH	1
120	235+15	67.9 LT	SH	1
121	235+45	70.2 RT	SH	1
122	236+08	95.2 RT	SH	1
123	236+06	3.9 RT	SH	1
124	236+39	5.6 RT	SH	1
125	236+44	42.1 LT	SH	1
126	236+80	5.6 RT	SH	2
127	237+49	5.6 RT	SH	1
128	237+69	43.4 LT	SH	1
129	238+47	1.0 LT	SH	2
130	239+19	4.6 LT	SH	1
131	239+72	54.4 LT	SH	1
132	240+02	4.6 LT	SH	1
133	240+08	38.9 RT	SH	1
134	240+45	4.6 LT	SH	1
135	240+45	36.9 RT	SHF	1
136	240+77	52.2 LT	SH	1
137	240+81	35.8 RT	SH	1
138	241+16	37.8 RT	SH	1
139	241+34	4.8 LT	SH	1
143	241+73	4.8 LT	SH	1
144	241+76	37.6 LT	SH	1
145	242+51	4.8 LT	SH	1
146	242+83	37.3 RT	SH	1
147	242+71	40.8 LT	SHF	1
148	242+91	4.8 LT	SH	1
149	243+26	61.5 LT	SH	1
150	243+65	59.4 RT	SH	1
151	247+03	42.0 RT	SH	1
152	248+67	46.2 LT	SH	1
153	251+32	47.2 RT	SH	1
154	251+63	46.3 LT	SH	1
155	251+91	42.0 RT	SH	1
156	255+45	38.2 RT	SH	1
157	257+25	39.1 RT	SH	1
158	260+94	52.8 RT	SH	1
159	261+62	34.0 RT	SH	1
160	265+34	52.5 RT	SH	1
161	266+92	36.4 LT	SH	1
162	270+17	63.5 RT	SH	1
163	274+71	49.9 RT	SH	1
164	275+02	35.6 RT	SHF	1
165	277+83	43.1 RT	SH	1
166	278+21	36.3 RT	SHF	1

SIGN SCHEDULE
SHEET 3 OF 4

D-30

212_SN_020_J6S3215_i1_D30.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	212

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

EFFECTIVE: 10-01-2016

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER		SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
				SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
R1-1	STOP		21	36"x36"	189.0			
R1-2	YIELD		7	48"x48"	112.0			
R1-5	YIELD HERE TO PEDS		4	36"x36"	36.0			
R2-1	SPEED LIMIT 35 MPH		8	36"x48"	96.0			
R2-1	SPEED LIMIT 40 MPH		1	36"x48"	12.0			
R2-5d	UNLESS OTHERWISE POSTED ETC.		2	36"x48"	24.0			
R3-1	MOVEMENT PROHIBITION (NO RIGHT TURN ON RED)		1	36"x36"	9.0			
R3-7R	RIGHT LANE MUST TURN RIGHT		2	36"x36"	18.0			
R3-9b	TWO WAY LEFT TURN LANE (POST-MOUNTED)		1	24"x36"	6.0			
R4-4	BEGIN RIGHT TURN LANE YIELD TO BIKES		1	36"x30"	7.5			
R4-7R	KEEP RIGHT		25	24"x30"	125.0			
R6-1R	ONE WAY (RIGHT)		31	54"x18"	209.3			
R7-1	NO PARKING (ANY TIME)		1	12"x18"	1.5			
R7-1d	NO PARKING (DOUBLE ARROW)		24	12"x18"	36.0			
R7-1R	NO PARKING (TO RIGHT)		1	12"x18"	1.5			
R10-6L	STOP HERE ON RED		2	24"x36"	12.0			
W3-3	SIGNAL AHEAD		1	36"x36"		9.0		
W4-2R	LANE ENDS (RIGHT)		1	36"x36"		9.0		
W11-1	BICYCLE		2	36"x36"		18.0		
W11-2	PEDESTRIAN		8	48"x48"		128.0		
W12-1	DOUBLE ARROW		8	36"x36"		72.0		
W14-2	NO OUTLET		1	36"x36"		9.0		
W16-1P	SHARE THE ROAD (PLAQUE)		2	24"x30"		10.0		
W16-7PL	DOWNWARD DIAGONAL ARROW (PLAQUE - LEFT)		2	30"x18"		7.5		
W16-9P	AHEAD (PLAQUE)		6	30"x18"		22.5		
M1-1	INTERSTATE ROUTE SIGN (3 DIGITS)		3	30"x24"	15.0			
M1-5a	STATE ROUTE (1 DIGIT)		5	24"x24"	20.0			
M2-1	JUNCTION		1	21"x15"	2.2			
M3-1	CARDINAL DIRECTION (NORTH)		1	24"x12"	2.0			
M3-3	CARDINAL DIRECTION (SOUTH)		1	24"x12"	2.0			
M5-1R	ADVANCE TURN ARROW (RIGHT)		1	21"x15"	2.2			
M6-3	DIRECTIONAL ARROW (AHEAD)		1	21"x15"	2.2			
I4-1	CITY LIMITS (VINITA PARK)		3	60"x36"	45.0			
I4-1	CITY LIMITS (PAGEDALE)		1	60"x36"	15.0			
I9-1a	ACKNOWLEDGEMENT		7	36"x30"	52.5			
				TOTAL	1053	285		

* ORANGE, YELLOW & YELLOW/GREEN

SIGN SCHEDULE
SHEET 4 OF 4

D-30

213_SN_021_J6S3215_i1_D30.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
25-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	213

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

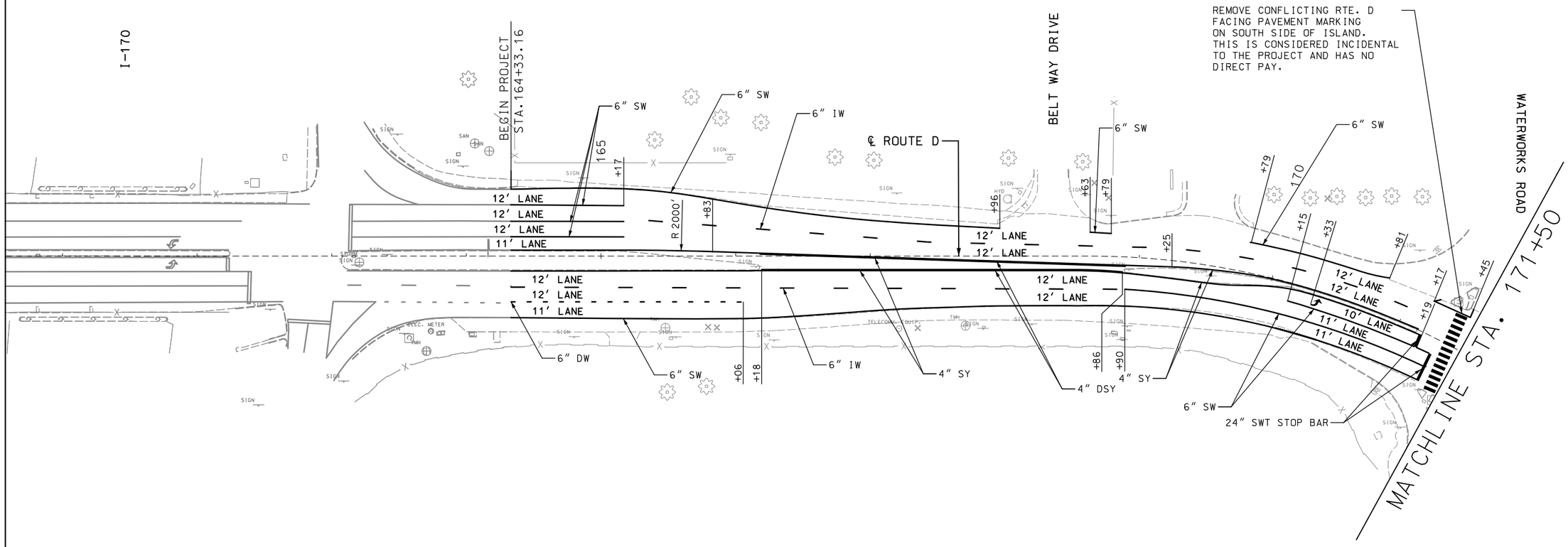
0 40 80 120

NOTES:

1. PROPOSED PAVEMENT MARKING MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS APPROVED AND DIRECTED BY THE ENGINEER.
2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4′ FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
3. ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS UNLESS LABELED OTHERWISE.
4. ALL ARROWS, WORDS, SYMBOLS, AND INTERSECTION EXTENSION MARKINGS SHALL BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS. SEE MODOT STD. PLAN 620.00N FOR ARROW, WORD, AND SYMBOL DETAILS.

DISCLAIMER

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PAVEMENT MARKING LEGEND

SW = SOLID WHITE LINE
SWT = SOLID WHITE THERMOPLASTIC LINE
IW = INTERMITTENT WHITE LINE
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= LEFT OR RIGHT TURN ARROW (WHITE THERMOPLASTIC)
= YIELD BAR (WHITE THERMOPLASTIC)
= 30″ x 6′ WHITE CONTINENTAL CROSSWALK MARKINGS (30″ GAP) (WHITE THERMOPLASTIC)
ONLY = ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
BEGIN PROJECT TO STA. 171+50
SHEET 1 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	214

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

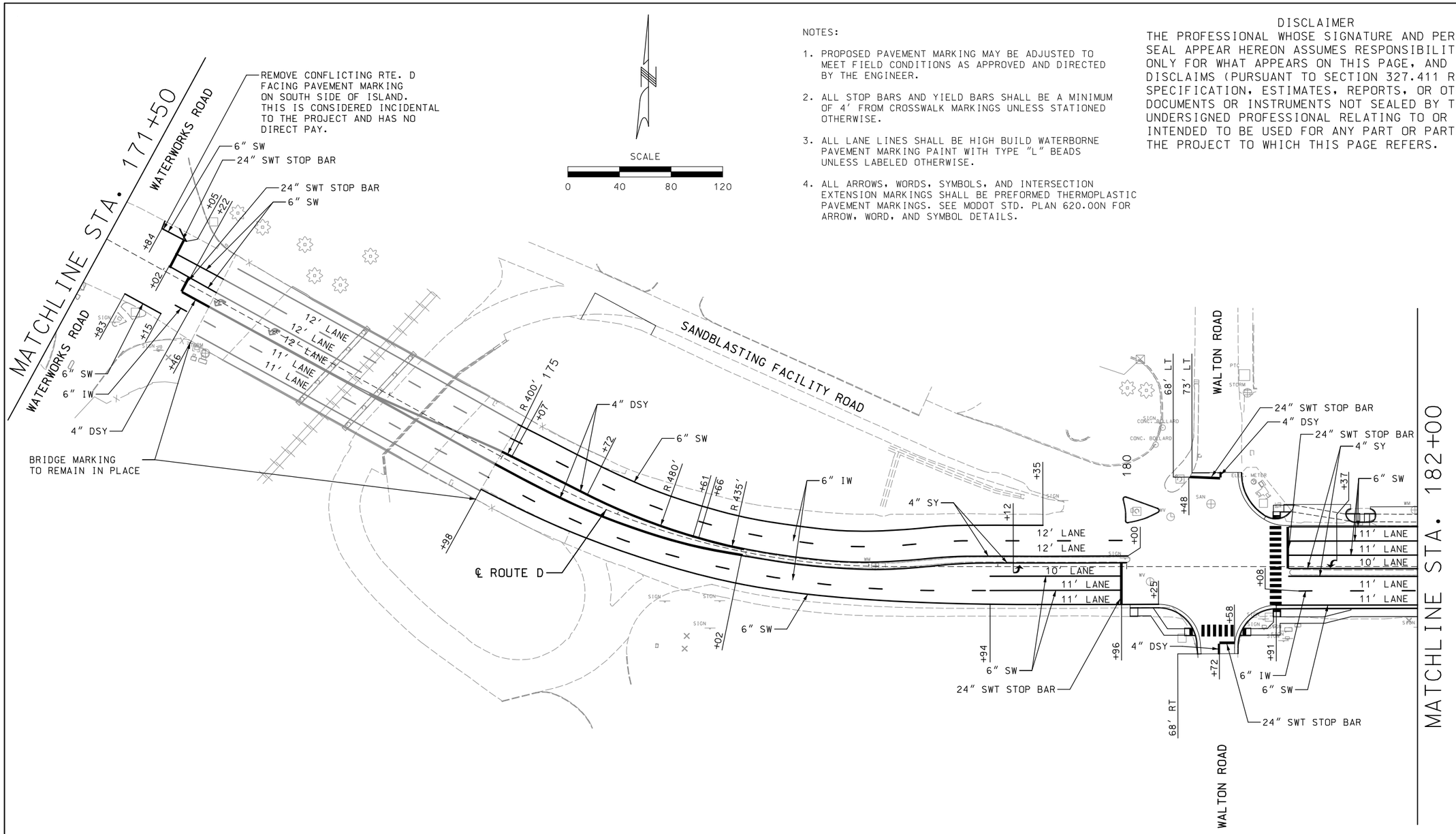
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

214_PM_001_J6S3215_i40.dgn



NOTES:

1. PROPOSED PAVEMENT MARKING MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS APPROVED AND DIRECTED BY THE ENGINEER.
2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
3. ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS UNLESS LABELED OTHERWISE.
4. ALL ARROWS, WORDS, SYMBOLS, AND INTERSECTION EXTENSION MARKINGS SHALL BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS. SEE MODOT STD. PLAN 620.00N FOR ARROW, WORD, AND SYMBOL DETAILS.

DISCLAIMER

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PAVEMENT MARKING LEGEND

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= YIELD BAR (WHITE THERMOPLASTIC)
= 30" x 6' WHITE CONTINENTAL CROSSWALK MARKINGS (30" GAP) (WHITE THERMOPLASTIC)
OW = ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 171+50 TO STA. 182+00
SHEET 2 OF 13

215_PM_002_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	215

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

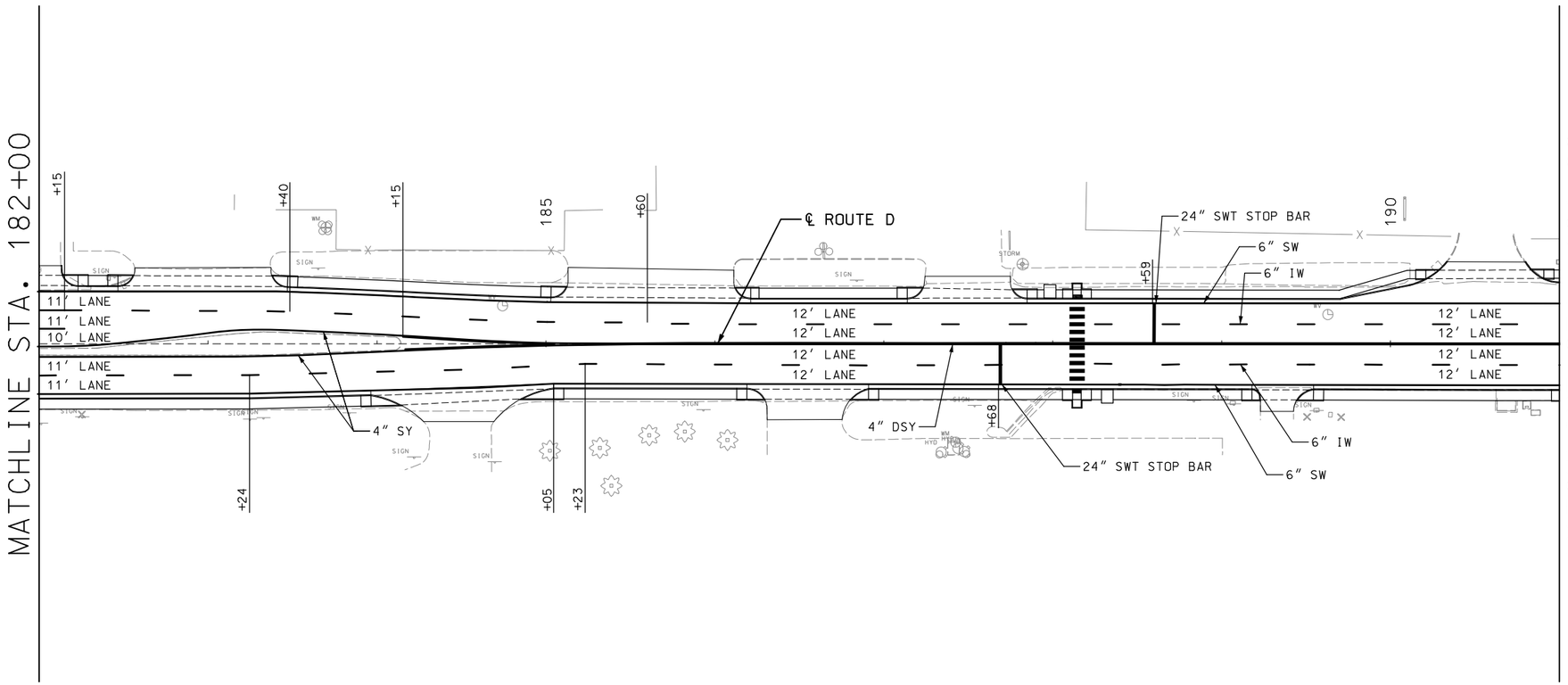
0 40 80 120

NOTES:

1. PROPOSED PAVEMENT MARKING MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS APPROVED AND DIRECTED BY THE ENGINEER.
2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
3. ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS UNLESS LABELED OTHERWISE.
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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET STA. 182+00 TO STA. 191+00 SHEET 3 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE ON THIS SHEET ONLY APPLY TO THE SHEET AND DATED BELOW.

DATE PREPARED: 13-SEP-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 216
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

216_PM_003_J6S3215_i40.dgn

SCALE

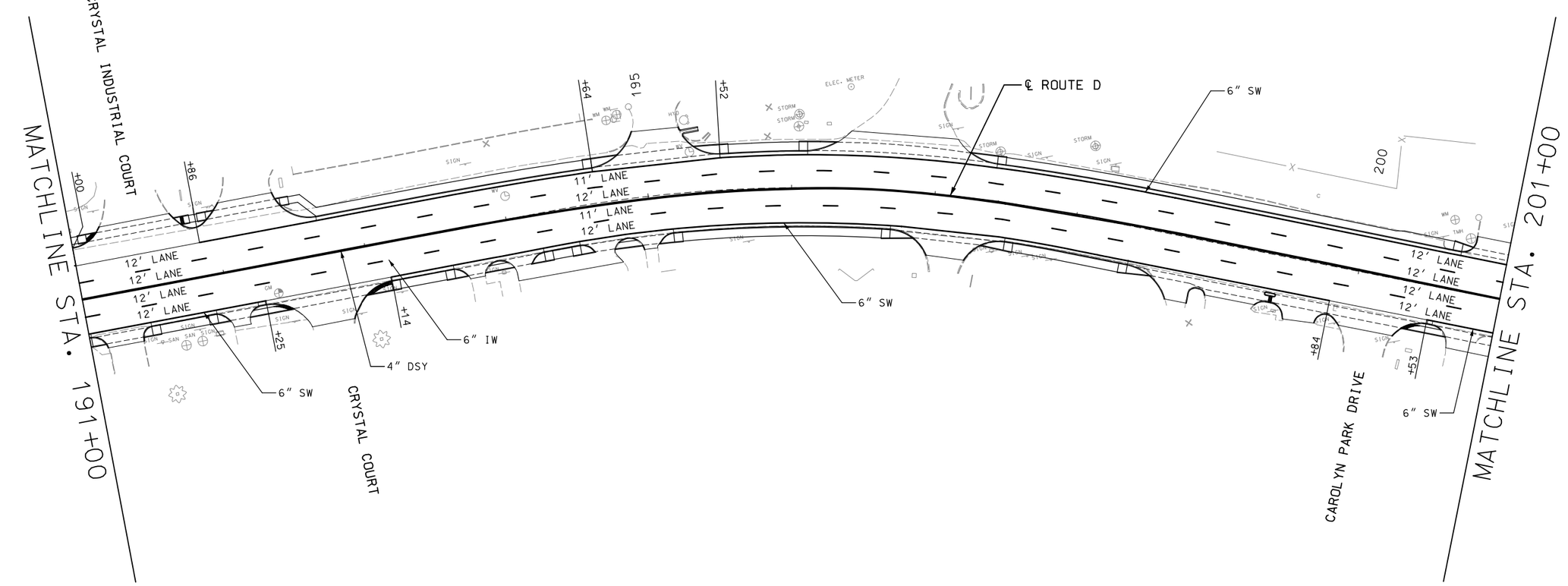
0 40 80 120

NOTES:

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2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET STA. 191+00 TO STA. 201+00 SHEET 4 OF 13

217_PM_004_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	217

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

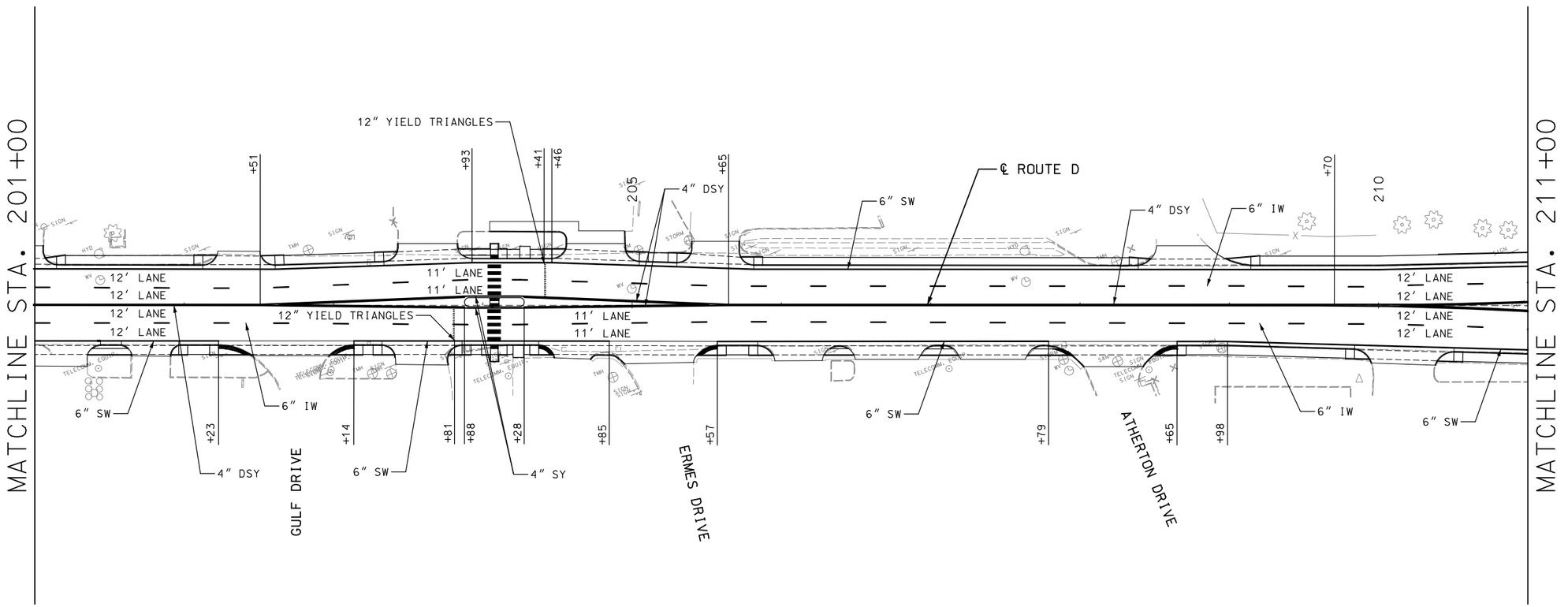
0 40 80 120

NOTES:

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2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
3. ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS UNLESS LABELED OTHERWISE.
4. ALL ARROWS, WORDS, SYMBOLS, AND INTERSECTION EXTENSION MARKINGS SHALL BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS. SEE MODOT STD. PLAN 620.00N FOR ARROW, WORD, AND SYMBOL DETAILS.

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PAVEMENT MARKING LEGEND

SW = SOLID WHITE LINE
SWT = SOLID WHITE THERMOPLASTIC LINE
IW = INTERMITTENT WHITE LINE
DW = DOTTED WHITE LINE
SY = SOLID YELLOW LINE
DSY = DOUBLE SOLID YELLOW LINE
IY = INTERMITTENT YELLOW LINE

= LEFT OR RIGHT TURN ARROW (WHITE THERMOPLASTIC)
= YIELD BAR (WHITE THERMOPLASTIC)
= 30" x 6' WHITE CONTINENTAL CROSSWALK MARKINGS (30" GAP) (WHITE THERMOPLASTIC)
= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 201+00 TO STA. 211+00
SHEET 5 OF 13

218_PM_005_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS SHEET WAS AUTHORIZED FOR USE ON ELECTRONICALLY SEALED AND DATED FILES.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 218
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

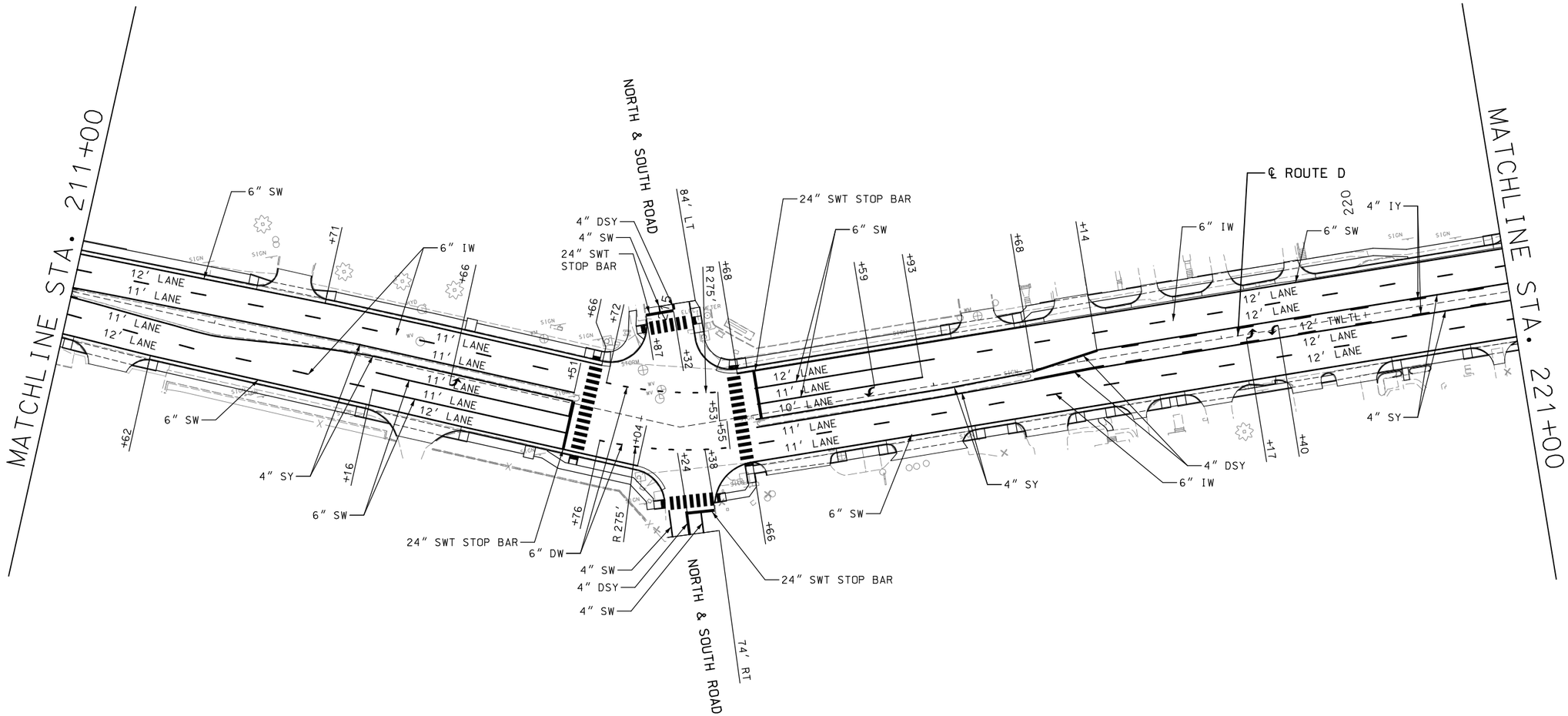
0 40 80 120

NOTES:

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2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET STA. 211+00 TO STA. 221+00 SHEET 6 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	219

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2800

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

219_PM_006_J6S3215_i40.dgn

SCALE

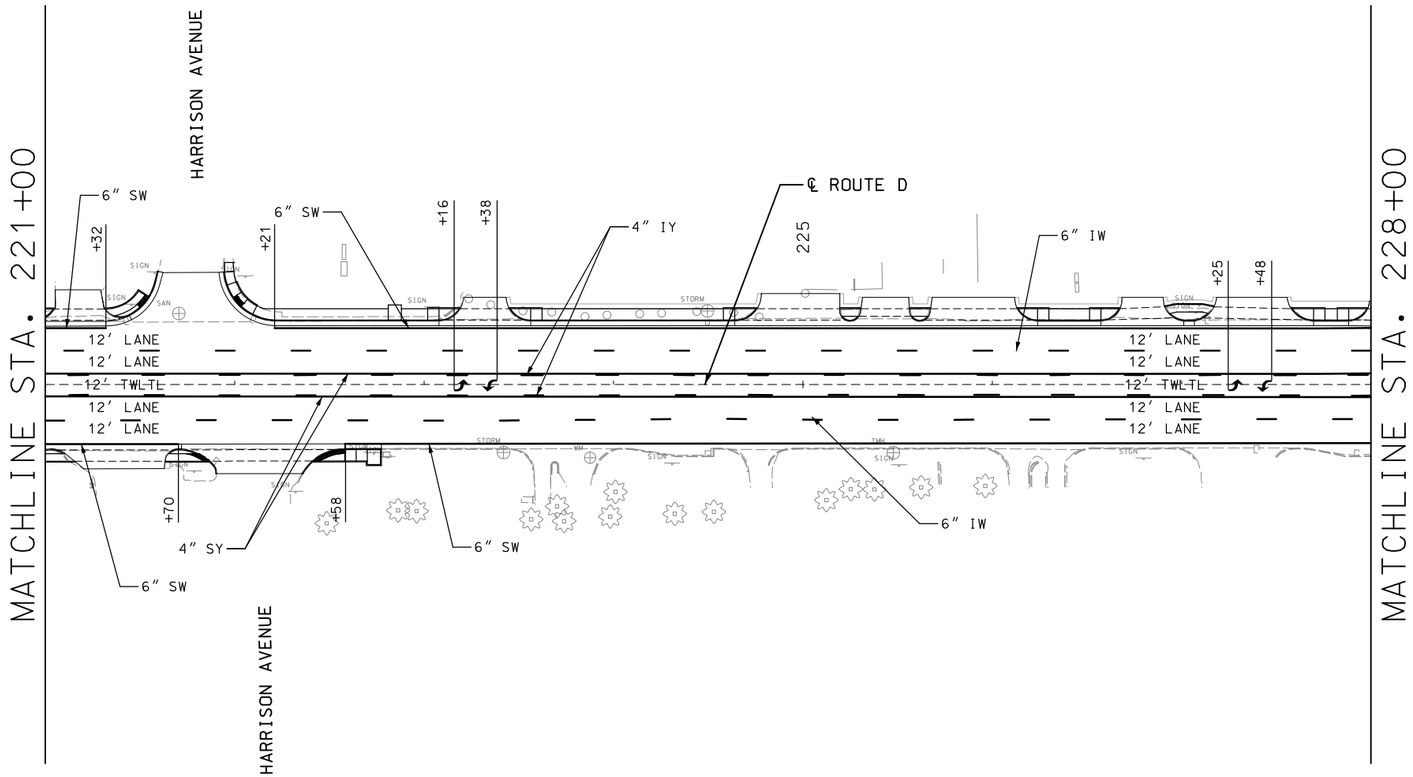
0 40 80 120

NOTES:

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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 221+00 TO STA. 228+00
SHEET 7 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING DIGITALLY SIGNED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	220

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

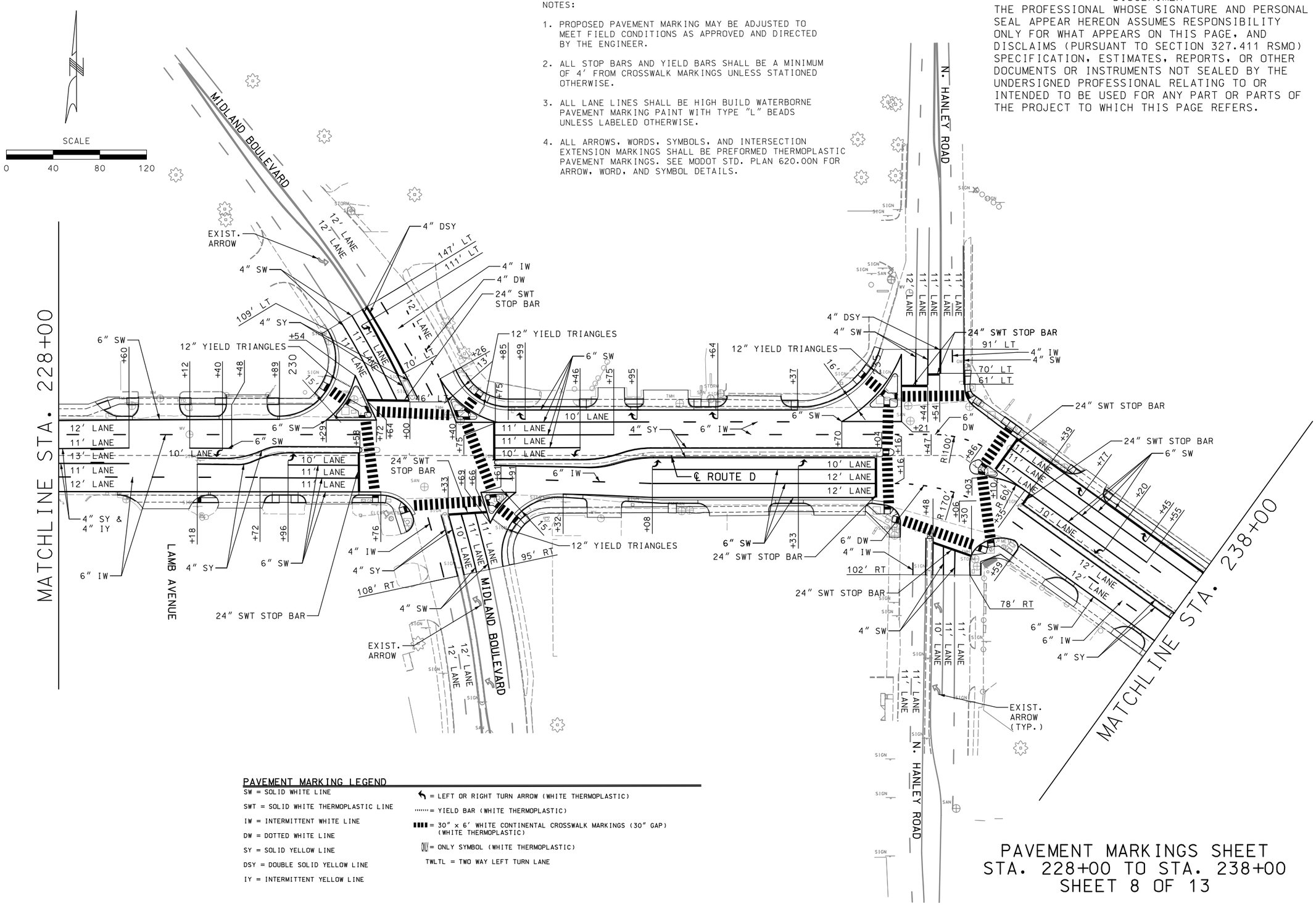
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

220_PM_007_J6S3215_i40.dgn

NOTES:

1. PROPOSED PAVEMENT MARKING MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS APPROVED AND DIRECTED BY THE ENGINEER.
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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 228+00 TO STA. 238+00
SHEET 8 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ARE ELECTRONICALLY GENERATED AND SHALL NOT BE USED ON PAPER COPIES.

DATE PREPARED: 31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	221

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

221_PM_008_J6S3215_i40.dgn

SCALE

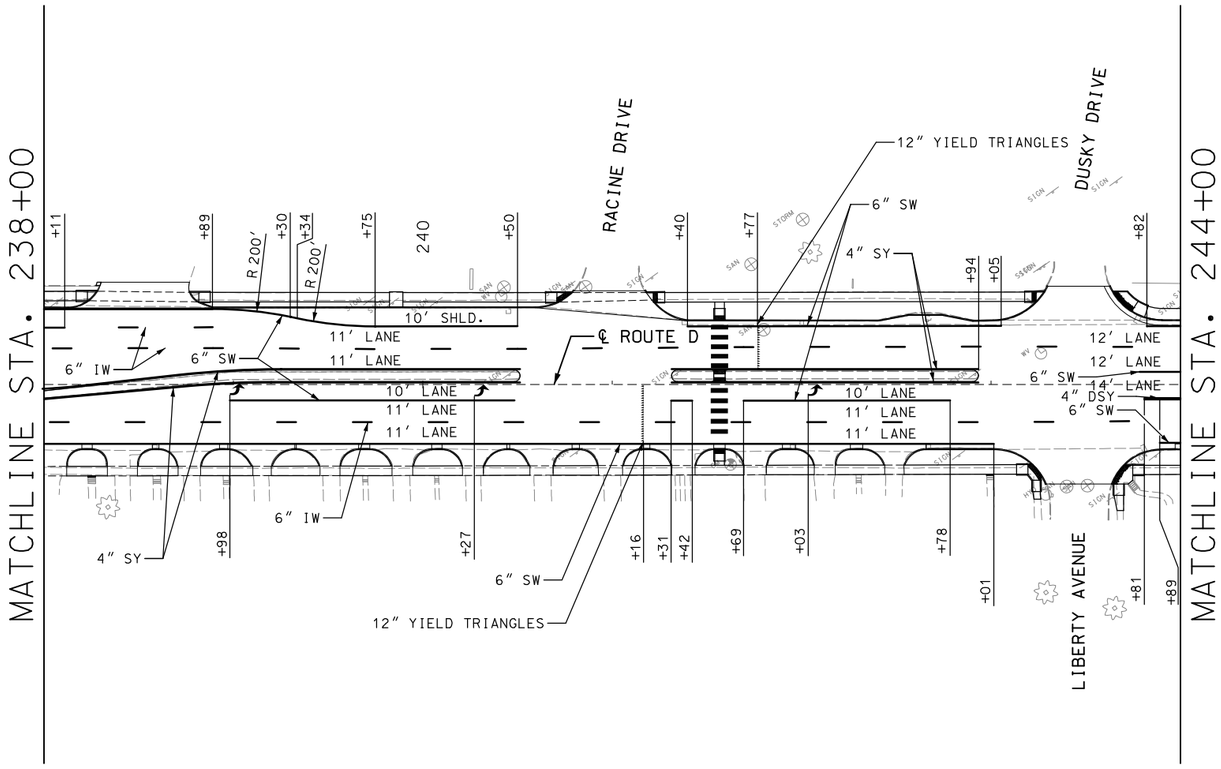
0 40 80 120

NOTES:

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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 238+00 TO STA. 244+00
SHEET 9 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 222
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

222_PM_009_J6S3215_i40.dgn

SCALE

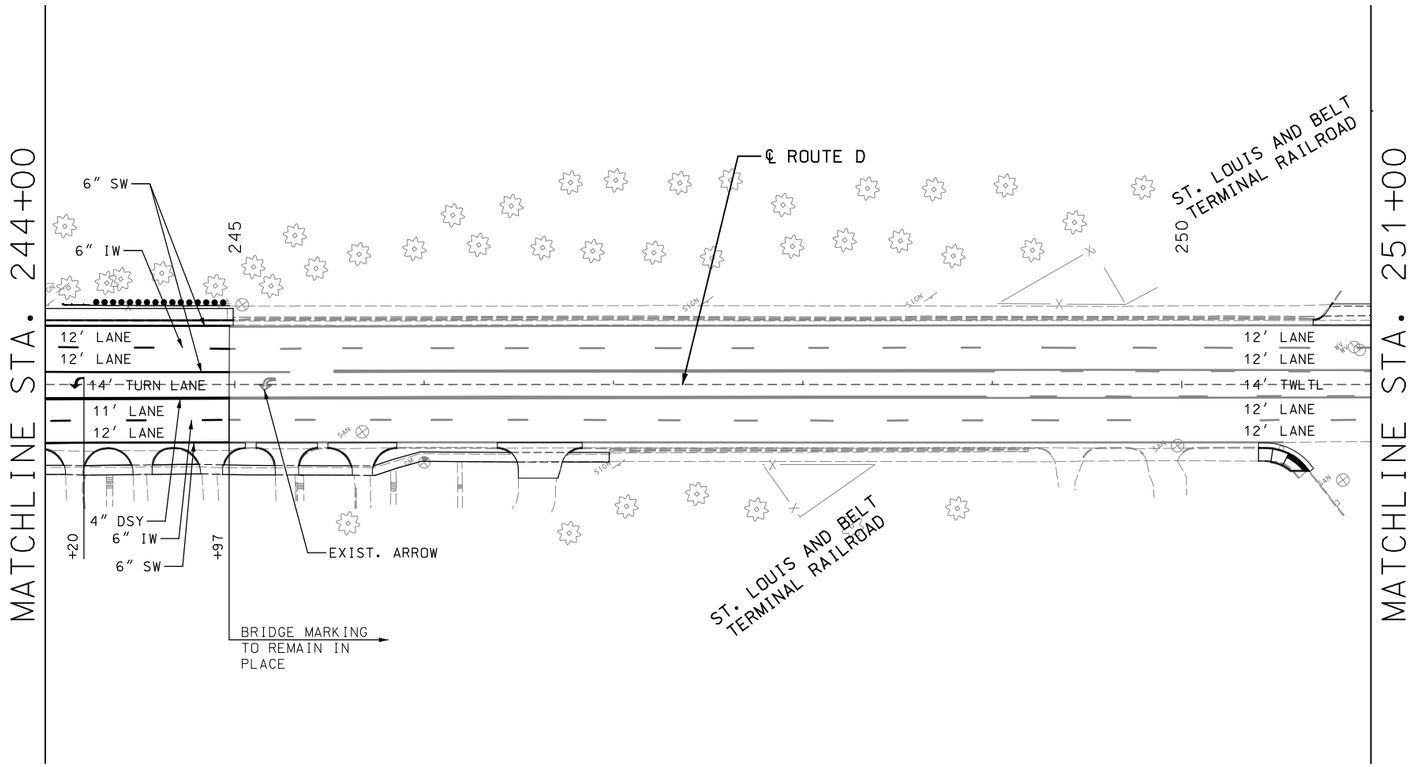
0 40 80 120

NOTES:

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= 30" x 6' WHITE CONTINENTAL CROSSWALK MARKINGS (30" GAP) (WHITE THERMOPLASTIC)
OWL = ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET
STA. 244+00 TO STA. 251+00
SHEET 10 OF 13

223_PM_010_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 223
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

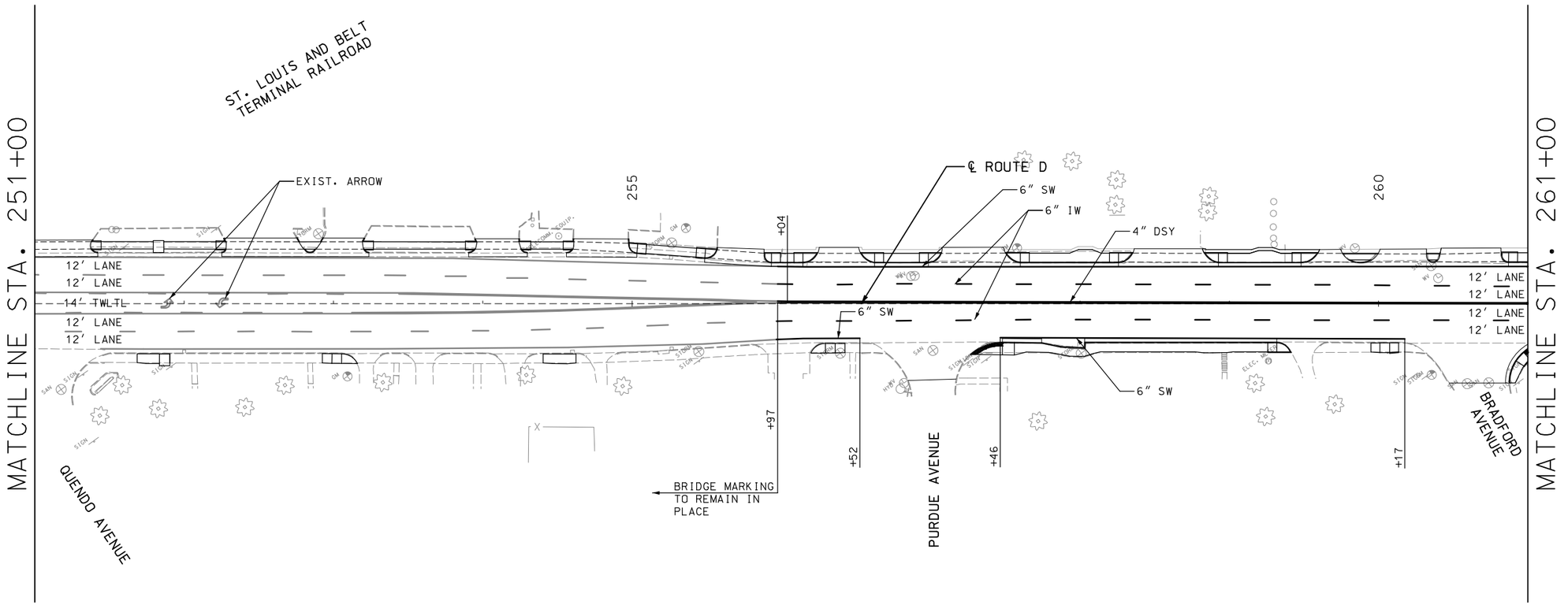
0 40 80 120

NOTES:

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= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET STA. 251+00 TO STA. 261+00 SHEET 11 OF 13

224_PM_011_J6S3215_i40.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 224
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

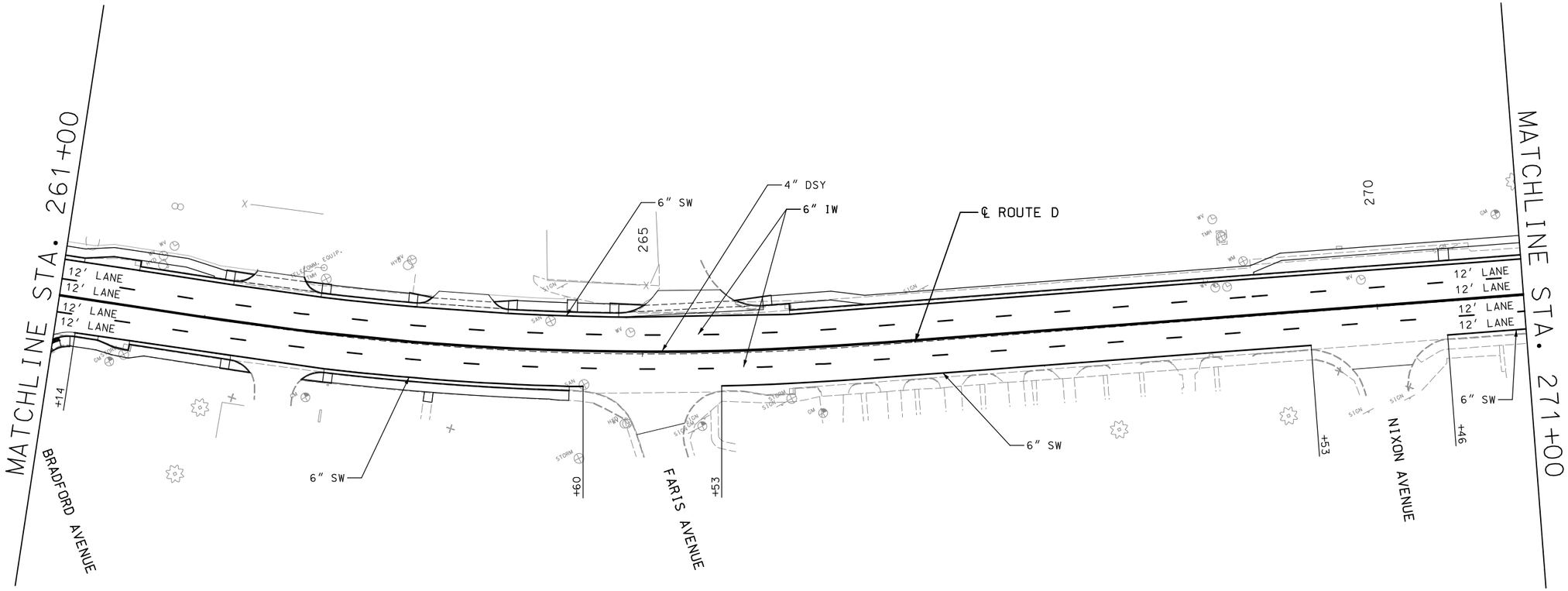
0 40 80 120

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PAVEMENT MARKINGS SHEET
STA. 261+00 TO STA. 271+00
SHEET 12 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 225
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

225_PM_012_J6S3215_i40.dgn

SCALE

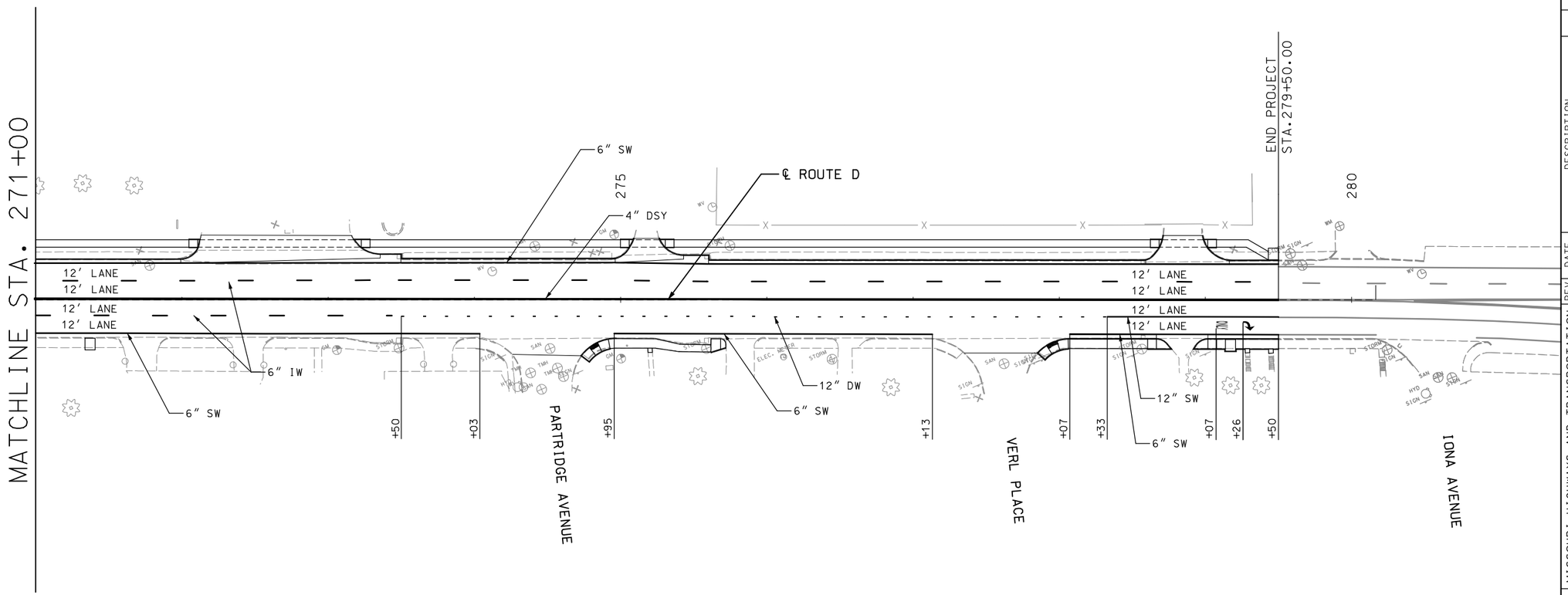
0 40 80 120

NOTES:

1. PROPOSED PAVEMENT MARKING MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS APPROVED AND DIRECTED BY THE ENGINEER.
2. ALL STOP BARS AND YIELD BARS SHALL BE A MINIMUM OF 4' FROM CROSSWALK MARKINGS UNLESS STATIONED OTHERWISE.
3. ALL LANE LINES SHALL BE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT WITH TYPE "L" BEADS UNLESS LABELED OTHERWISE.
4. ALL ARROWS, WORDS, SYMBOLS, AND INTERSECTION EXTENSION MARKINGS SHALL BE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS. SEE MODOT STD. PLAN 620.00N FOR ARROW, WORD, AND SYMBOL DETAILS.

DISCLAIMER

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PAVEMENT MARKING LEGEND

SW = SOLID WHITE LINE
SWT = SOLID WHITE THERMOPLASTIC LINE
IW = INTERMITTENT WHITE LINE
DW = DOTTED WHITE LINE
SY = SOLID YELLOW LINE
DSY = DOUBLE SOLID YELLOW LINE
IY = INTERMITTENT YELLOW LINE

= LEFT OR RIGHT TURN ARROW (WHITE THERMOPLASTIC)
= YIELD BAR (WHITE THERMOPLASTIC)
= 30" x 6' WHITE CONTINENTAL CROSSWALK MARKINGS (30" GAP) (WHITE THERMOPLASTIC)
= ONLY SYMBOL (WHITE THERMOPLASTIC)
TWLTL = TWO WAY LEFT TURN LANE

PAVEMENT MARKINGS SHEET STA. 271+00 TO END PROJECT SHEET 13 OF 13

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 31-AUG-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 226
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

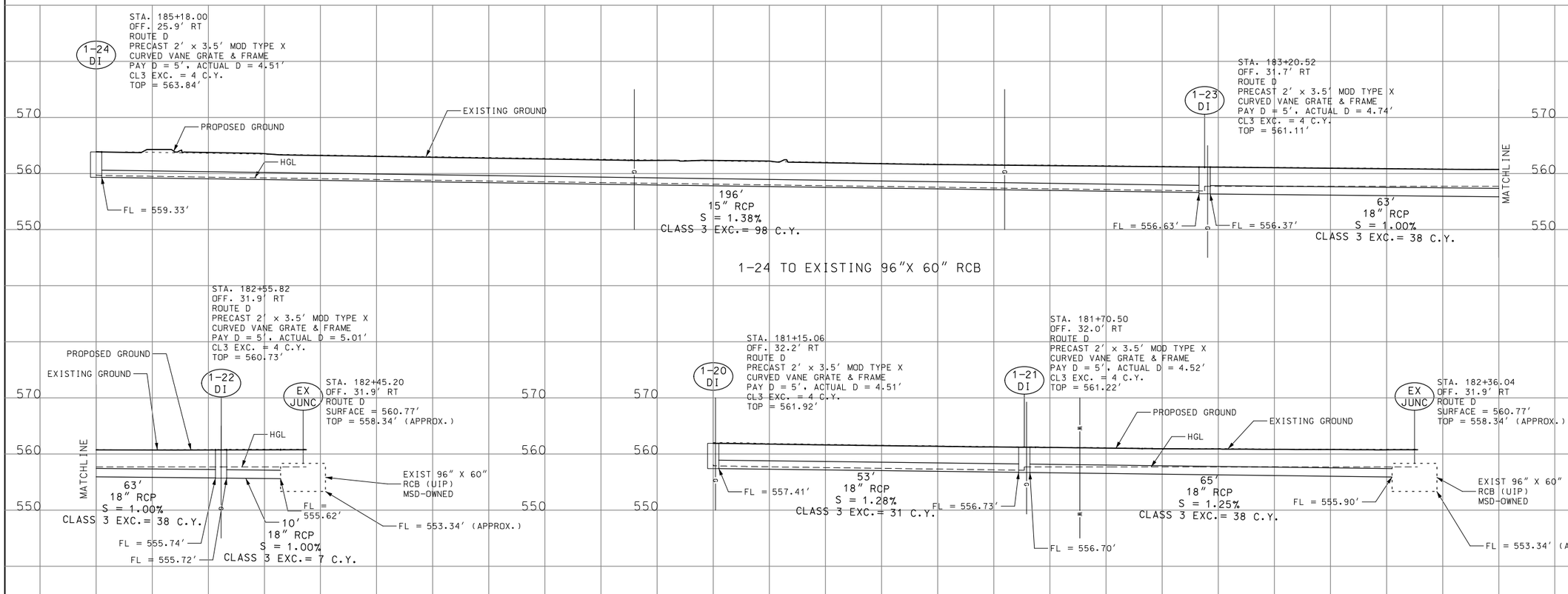
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

226_PM_013_J6S3215_i40.dgn



NOTE:
UNLESS OTHERWISE SPECIFIED ALL PROPOSED DRAINAGE STRUCTURES ARE MODOT MAINTAINED.

CULVERT SECTIONS
SHEET 1 OF 7

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	227

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

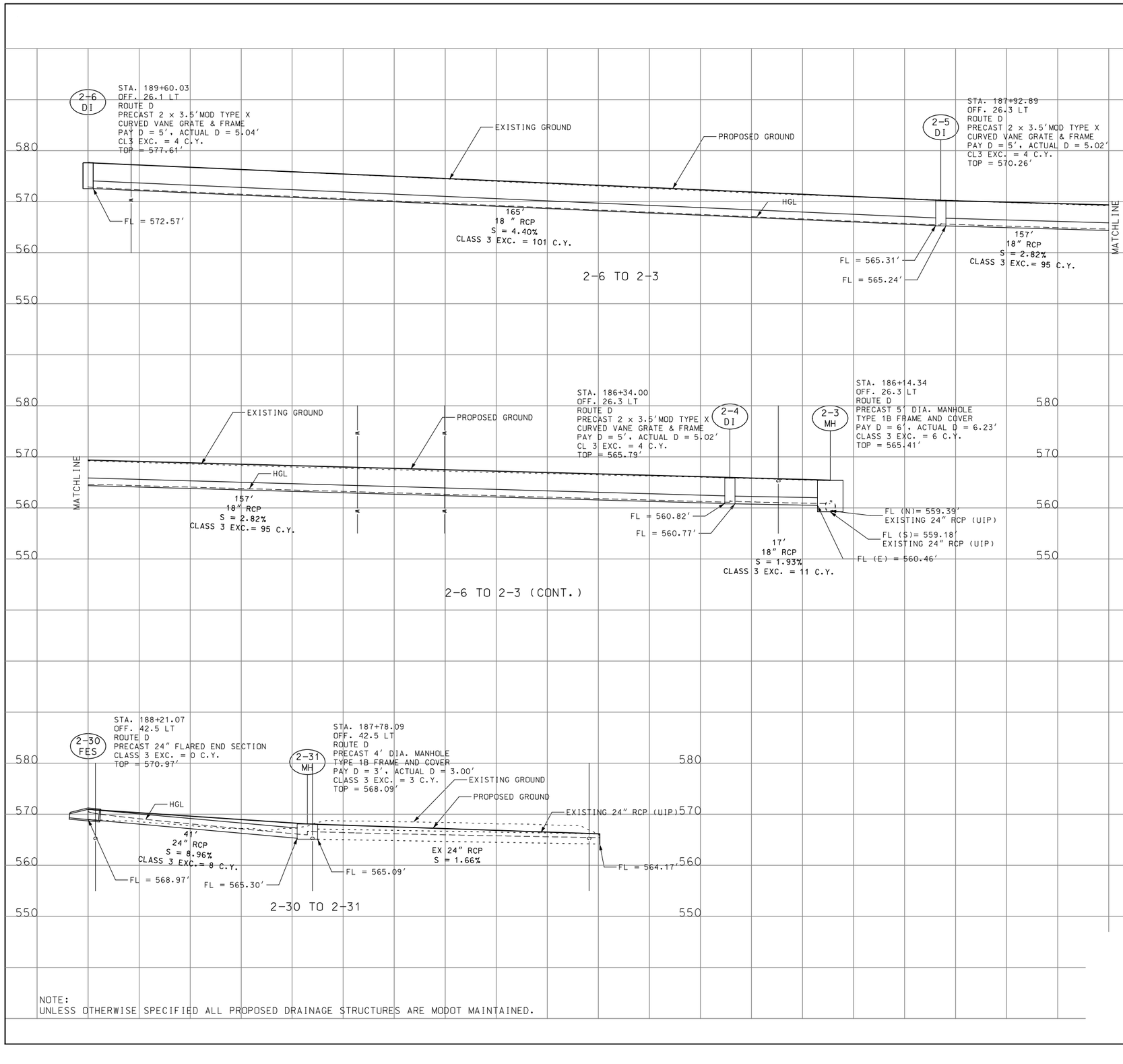
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

227_CS_001_J6S3215_i10.dgn



NOTE:
UNLESS OTHERWISE SPECIFIED ALL PROPOSED DRAINAGE STRUCTURES ARE MODOT MAINTAINED.

CULVERT SECTIONS
SHEET 2 OF 7

228_CS_002_J6S3215_i10.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	228

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

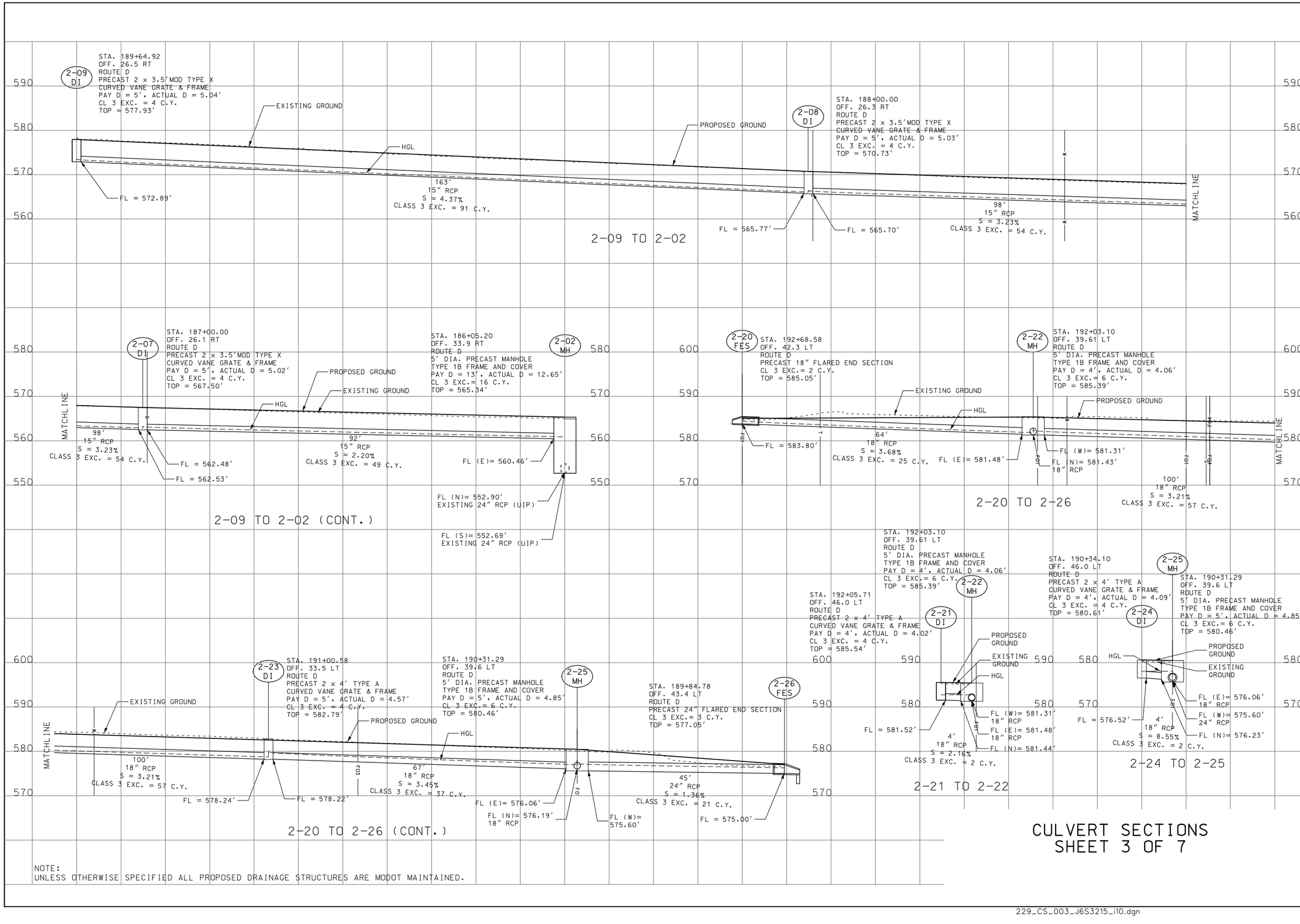
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
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MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



NOTE:
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	229

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

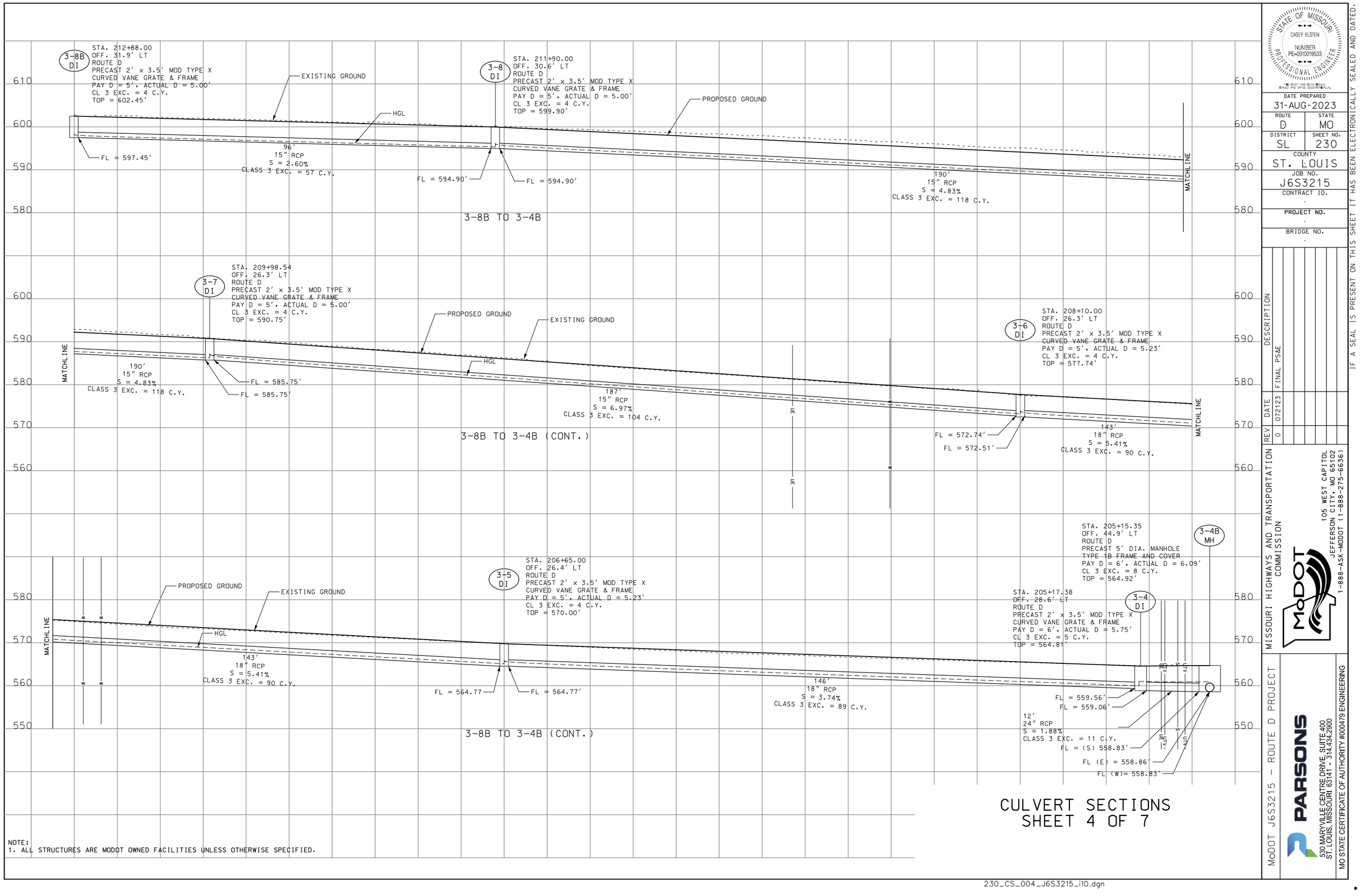
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

229_CS_003_J6S3215_i10.dgn



NOTE:
1. ALL STRUCTURES ARE MODOT OWNED FACILITIES UNLESS OTHERWISE SPECIFIED.

CULVERT SECTIONS
SHEET 4 OF 7

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	230

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

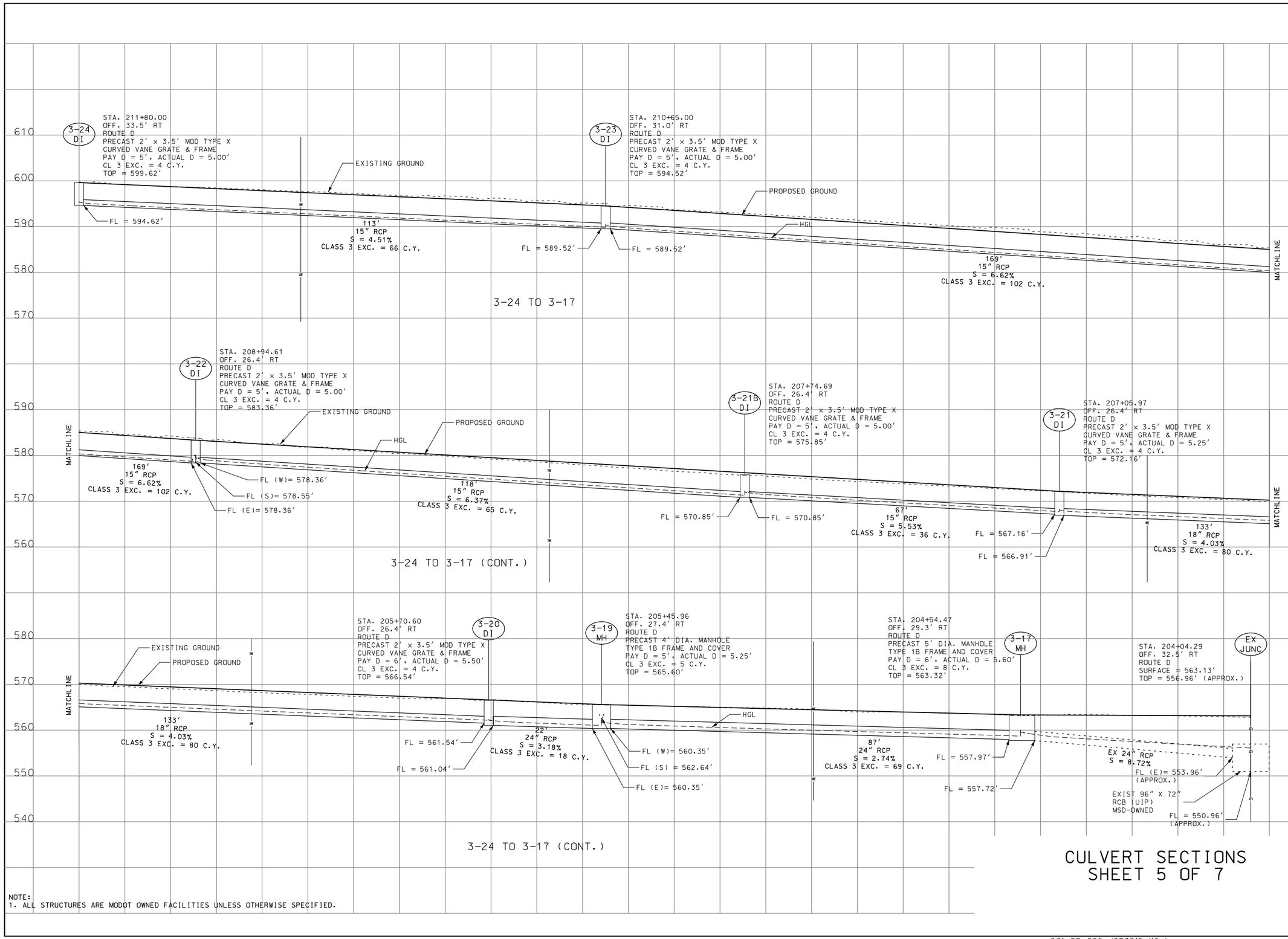
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
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MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

230_CS_004_J6S3215_i10.dgn



NOTE:
1. ALL STRUCTURES ARE MODOT OWNED FACILITIES UNLESS OTHERWISE SPECIFIED.

CULVERT SECTIONS
SHEET 5 OF 7

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
27-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	231

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

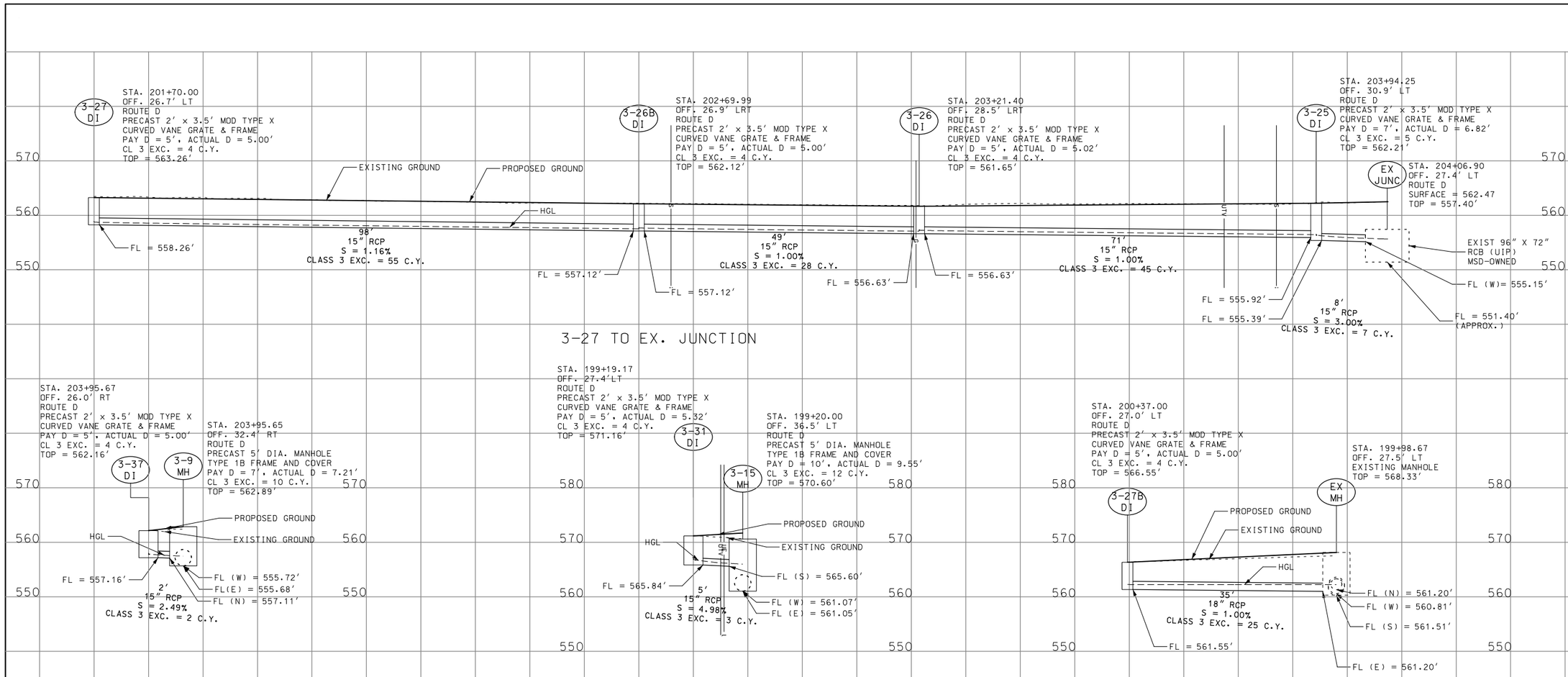
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
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MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



NOTE:
1. ALL STRUCTURES ARE MODOT OWNED FACILITIES UNLESS OTHERWISE SPECIFIED.

CULVERT SECTIONS
SHEET 6 OF 7

232_CS_006_J6S3215_i10.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	232

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
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REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

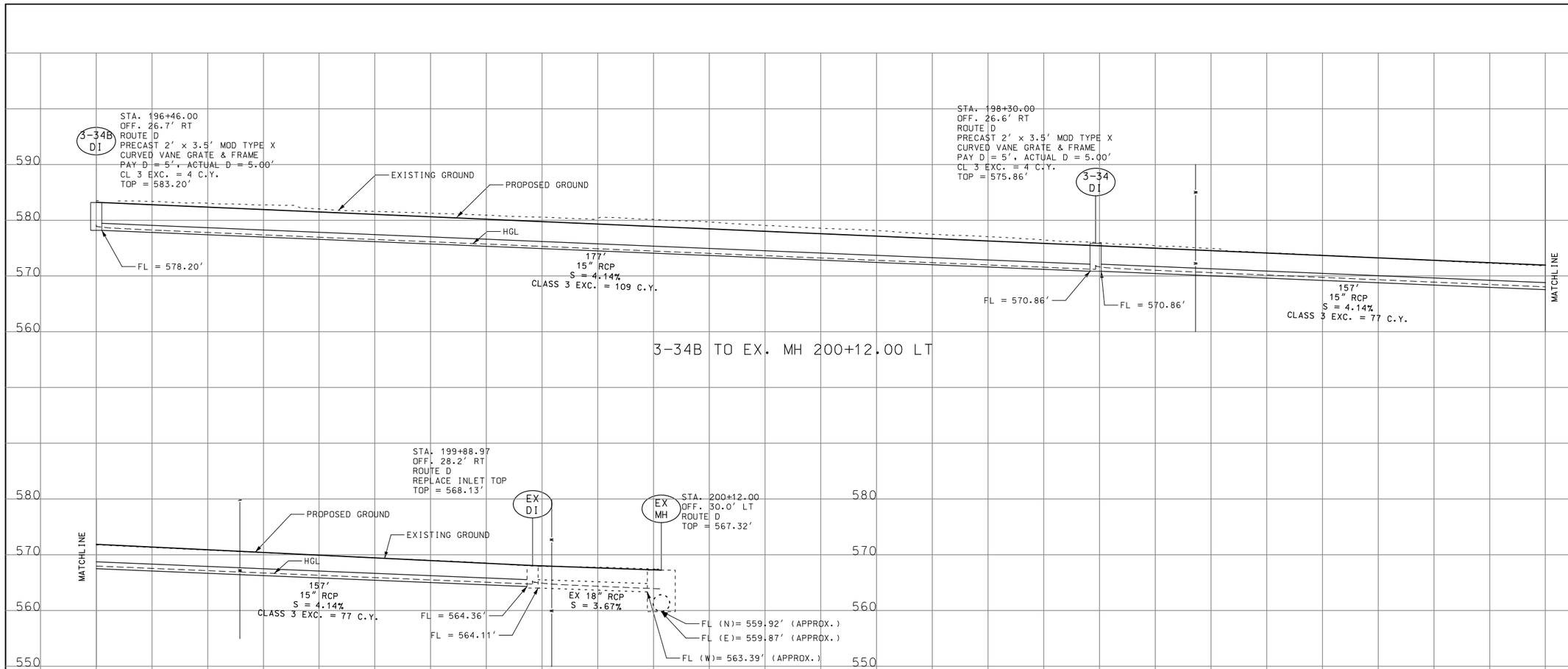
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



NOTE:
1. ALL STRUCTURES ARE MODOT OWNED FACILITIES UNLESS OTHERWISE SPECIFIED.

CULVERT SECTIONS
SHEET 7 OF 7

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
28-JUL-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	233

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

233_CS_007_J6S3215_i10.dgn

SCALE
0 20 40 60

EXISTING R/W

+60.91
150.91' LT

SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION

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+36.71
94.97'LT

+36.71
69.96'LT

LIMIT OF CONSTRUCTION

+91.78
69.96'LT

I-170

I 65

EXISTING R/W

BEGIN PROJECT
STA. 164+33.16

N 89° 59' 03" E

℄ ROUTE D

STA. 164+33.16
BEGIN MILL/OVERLAY
MATCH EXIST.

MATCHLINE STA. 166+00.00

EXISTING R/W

+94.45
50.00'RT

LIMIT OF CONSTRUCTION

+94.45
60.00'RT

SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION

GENERAL NOTES

1. ALL STATION CALLOUTS ARE FROM ROUTE D UNLESS OTHERWISE NOTED.
2. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE COMMISSION DOES NOT WARRANT THE LOCATIONS OF THE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID DAMAGE. SEE THE JOB SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES ON OR WITHIN THE VACINITY OF THE PROJECT LIMITS.
3. SEE ROW IMPACTS TABLE FOR TAKINGS.
4. SEE GEOMETRIC SHEETS FOR INTERSECTIONS STATION TIES, CURVE DATA, ANGLES AND COORDINATE POINT INFORMATION.
5. ALL DRIVEWAY AND STREET ALIGNMENTS ARE 90° TO ROUTE D UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. ALL DRIVEWAY EXISTING GRADES SHOWN ON THE PLANS ARE APPROXIMATE, BASED ON THE BEST AVAILABLE DATA.
6. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM 164+33.16 TO 279+50.00, A DISTANCE OF 2.181 MILES.
7. PARCEL LINES SHOWN HEREON ARE APPROXIMATE, CREATED BY UTILIZING RECORD DOCUMENTS, GIS INFORMATION, PERFORMING CALCULATIONS, AND ESTABLISHING A CORRIDOR BOUNDARY TIED TO FOUND MONUMENTS OF RECORD. THIS SURVEY DOES NOT MEET, IN ITS ENTIRETY, THE CURRENT STANDARDS FOR PROPERTY BOUNDARY SURVEYS.

RIGHT OF WAY PLAN SHEET
BEGIN PROJECT TO STA. 166+00.00
SHEET 1 OF 27

234_RW_001_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	234

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

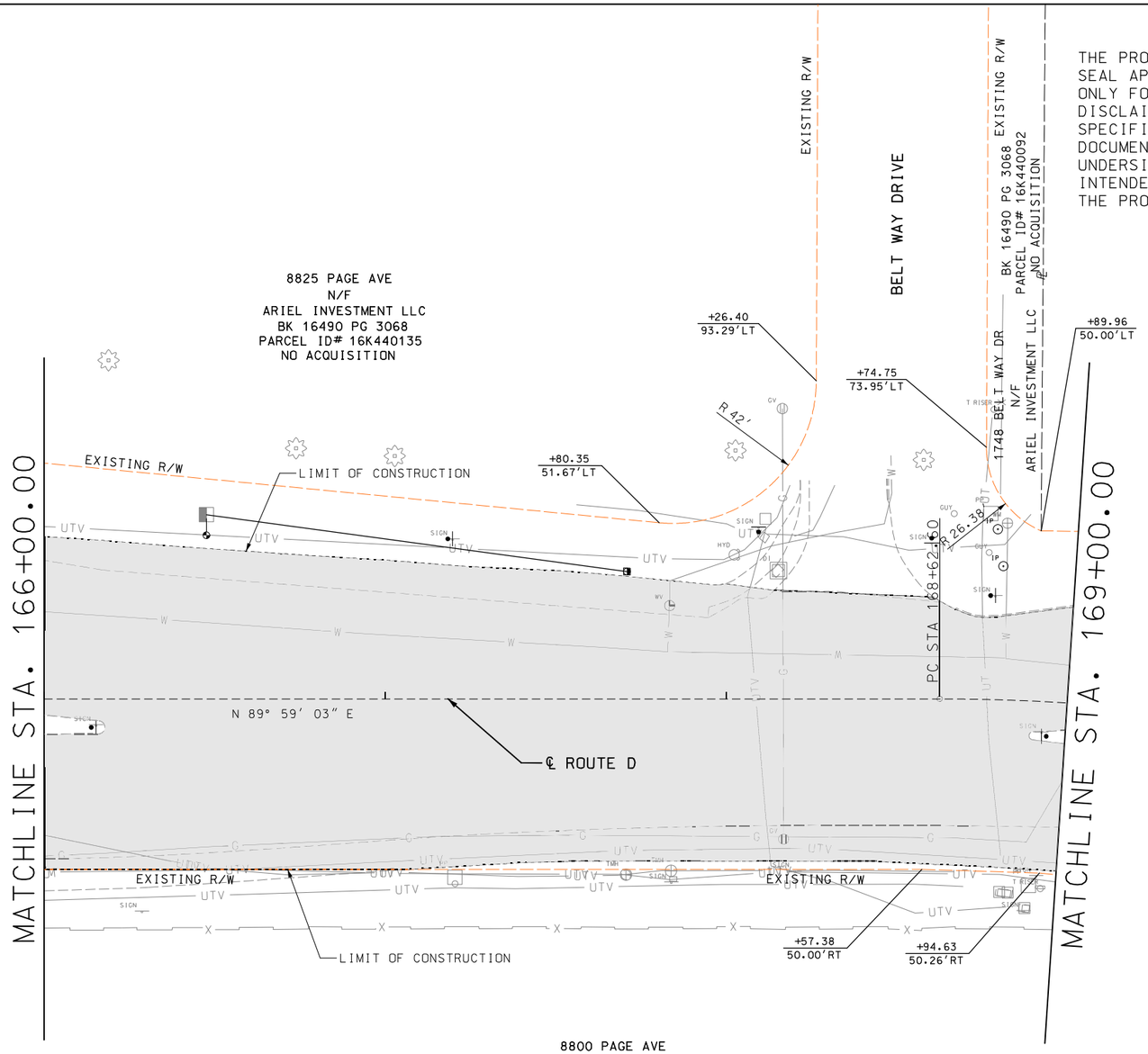
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



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RIGHT OF WAY PLAN SHEET
STA. 166+00.00 TO STA. 169+00.00
SHEET 2 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	235

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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MoDOT J6S3215 - ROUTE D PROJECT

PARSONS

530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

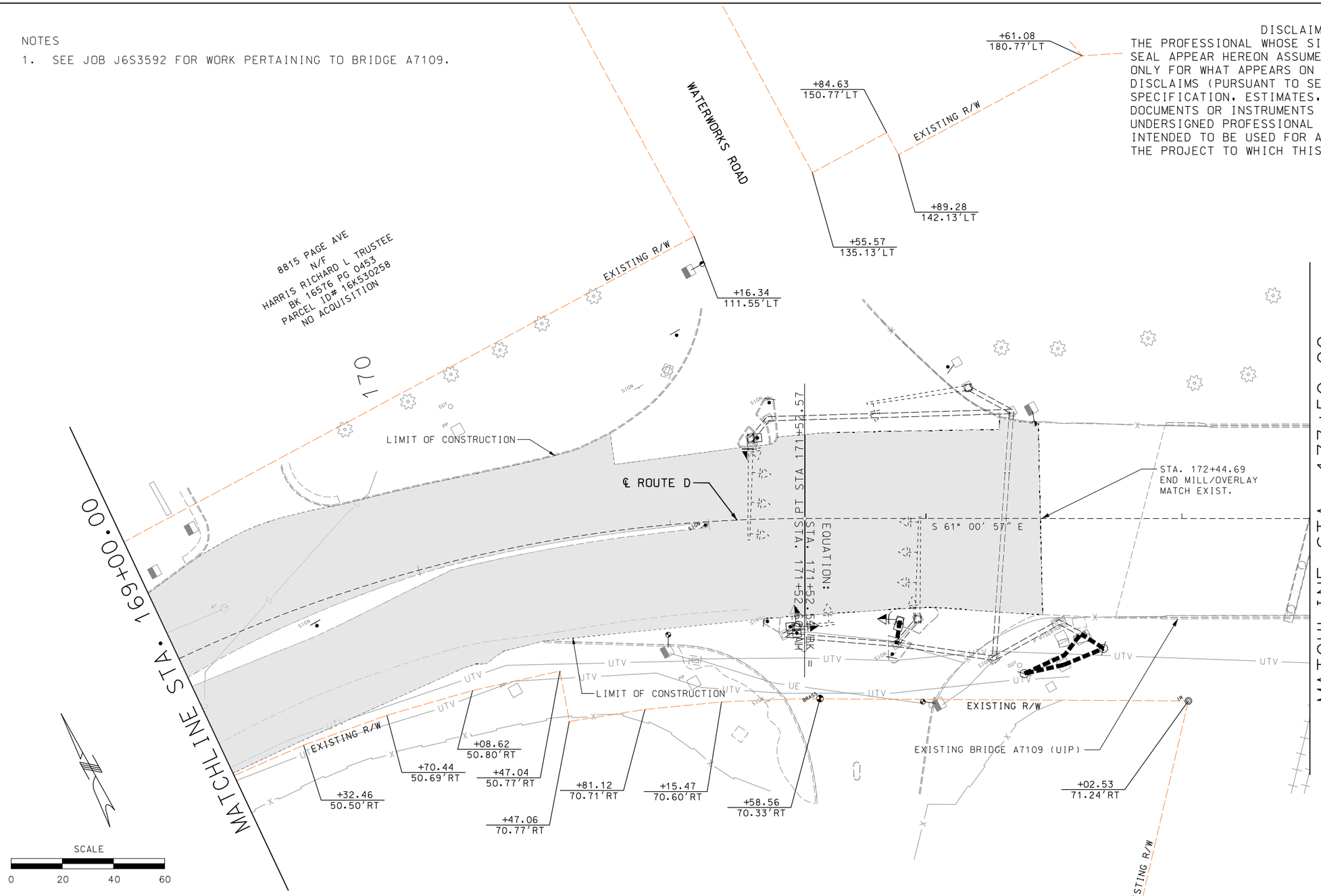
235_RW_002_J6S3215_i20.dgn

NOTES

1. SEE JOB J6S3592 FOR WORK PERTAINING TO BRIDGE A7109.

DISCLAIMER

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CURVE EXBL_3	
PI	170+10.76
PC	168+62.60
PT	171+52.60
Δ	29° 00' 00.0" (RT)
D	10° 00' 04.3"
L	289.97'
T	148.16'
R	572.89'

SEE PREVIOUS SHEET FOR PROPERTY OWNER INFORMATION

RIGHT OF WAY PLAN SHEET
STA. 169+00.00 TO STA. 173+50.00
SHEET 3 OF 27

236_RW_003_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
31-AUG-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	236

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

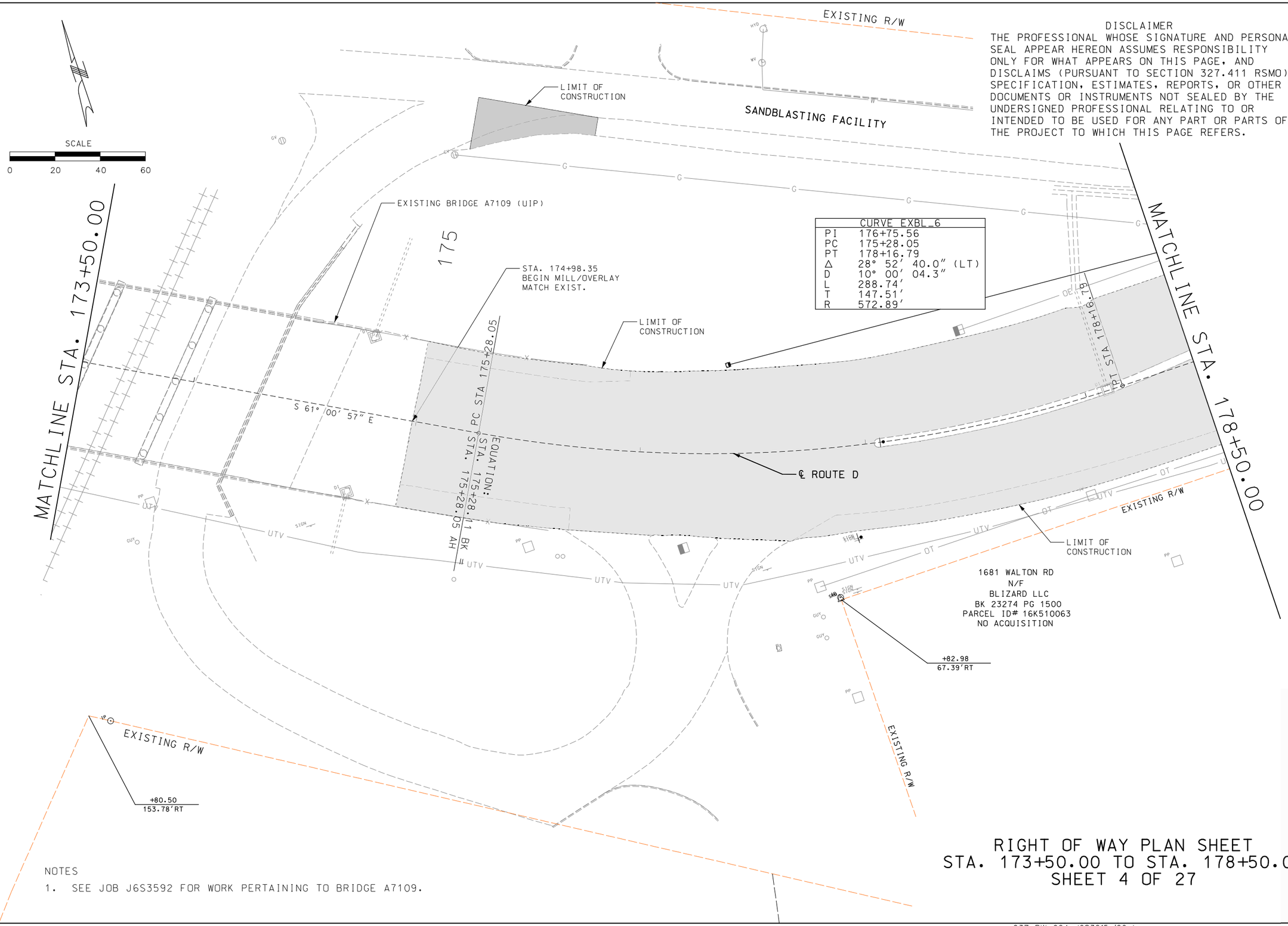
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS

530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING



CURVE EXBL_6	
PI	176+75.56
PC	175+28.05
PT	178+16.79
Δ	28° 52' 40.0" (LT)
D	10° 00' 04.3"
L	288.74'
T	147.51'
R	572.89'

DISCLAIMER

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NOTES

1. SEE JOB J6S3592 FOR WORK PERTAINING TO BRIDGE A7109.

RIGHT OF WAY PLAN SHEET
STA. 173+50.00 TO STA. 178+50.00
SHEET 4 OF 27

237_RW_004_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	237

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
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PROJECT NO.
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BRIDGE NO.
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REV	DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

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MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8601 PAGE AVE
N/F
KIENSTRA ENTERPRISES INC
BK 13138 PG 0682
PARCEL ID# 16K510261
NO ACQUISITION

8595 PAGE AVE
N/F
8595 PAGE AVENUE LLC
BK 24312 PG 5499
PARCEL ID# 16K510227
NO ACQUISITION

DISCLAIMER
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SCALE
0 20 40 60

SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION

EXISTING R/W
WALTON DRIVE
EXISTING R/W
LIMIT OF CONSTRUCTION
+48.64
116.79'LT
+16.65
66.98'LT
+63.24
85.05'LT
+90.65
50.00'LT
+24.34 LT. ENTR TYPE 3
43.6' WIDE 8" PAVED APPROACH.
+1.50% GRADE TO ADA PATH.
+0.40% GRADE TIE TO EXIST
+90.32 LT. ENTR TYPE 1
49.4' WIDE 8" PAVED
APPROACH. +5.80% GRADE
+96.93 LT. ENTR TYPE 1
80.6' WIDE 8" PAVED
APPROACH. -0.26% GRADE
LIMIT OF CONSTRUCTION
EXISTING R/W

MATCHLINE STA. 178+50.00

S 89° 53' 37" E

℄ ROUTE D

POT1 STA 180+48.30

EQUATION:
STA. 180+73.75 BK =
STA. 180+48.30 AHD

MATCHLINE STA. 183+00.00

EXISTING R/W
LIMIT OF CONSTRUCTION
+93.44
50.00'RT
+14.07
59.17'RT
+11.04
65.98'RT
+41.96
79.72'RT
+42.27
138.65'RT
+51.83
138.59'RT
+05.31
50.00'RT
LIMIT OF CONSTRUCTION
+76.04
79.70'RT
+76.26
141.64'RT
+66.26
141.62'RT
+40.00
50.00' RT
EXISTING R/W
EX DRAINAGE ESMT PER PLAN
+40.00
80.00' RT

1681 WALTON RD
N/F
BLIZARD LLC
BK 23274 PG 1500
PARCEL ID# 16K510063
NO ACQUISITION

8592 PAGE AVE
N/F
SCHNUCK MARKETS INC
A MO CORP
BK 10518 PG 1167
PARCEL ID# 16K510238
NO ACQUISITION

EXISTING R/W
WALTON DRIVE
EXISTING R/W

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 178+50.00 TO STA. 183+00.00
SHEET 5 OF 27

238_RW_005_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	238

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

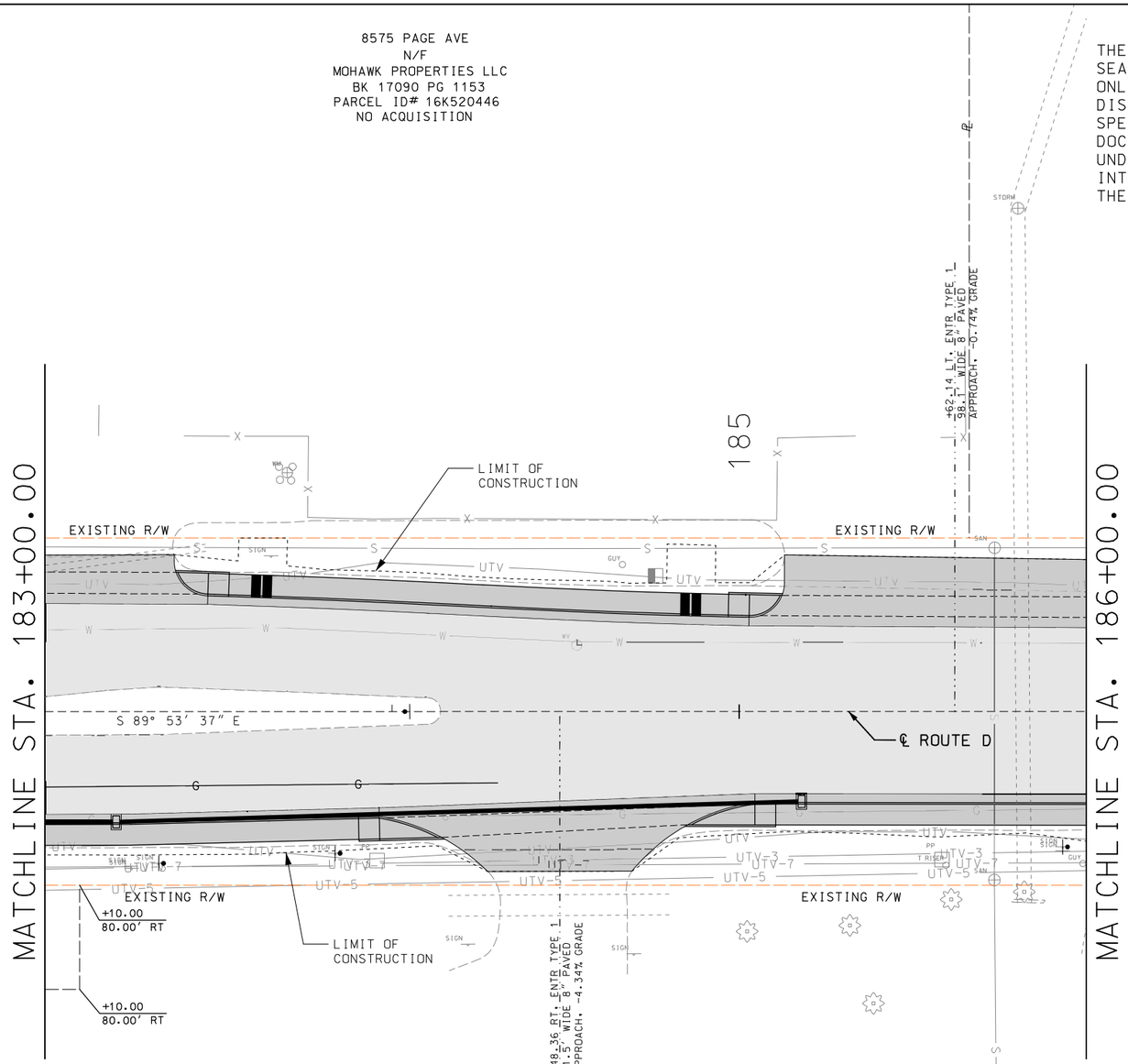
SCALE

0 20 40 60

8575 PAGE AVE
N/F
MOHAWK PROPERTIES LLC
BK 17090 PG 1153
PARCEL ID# 16K520446
NO ACQUISITION

DISCLAIMER

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NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

8590 PAGE AVE
N/F
SCHNUCK MARKET INC
BK 10518 PG 1167
PARCEL ID# 16K520402
NO ACQUISITION

RIGHT OF WAY PLAN SHEET
STA. 183+00.00 TO STA. 186+00.00
SHEET 6 OF 27

239_RW_006_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND SIGNATURE APPEARING ON THIS PAGE ARE AUTHENTIC AND WERE EXECUTED BY ME

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	239

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

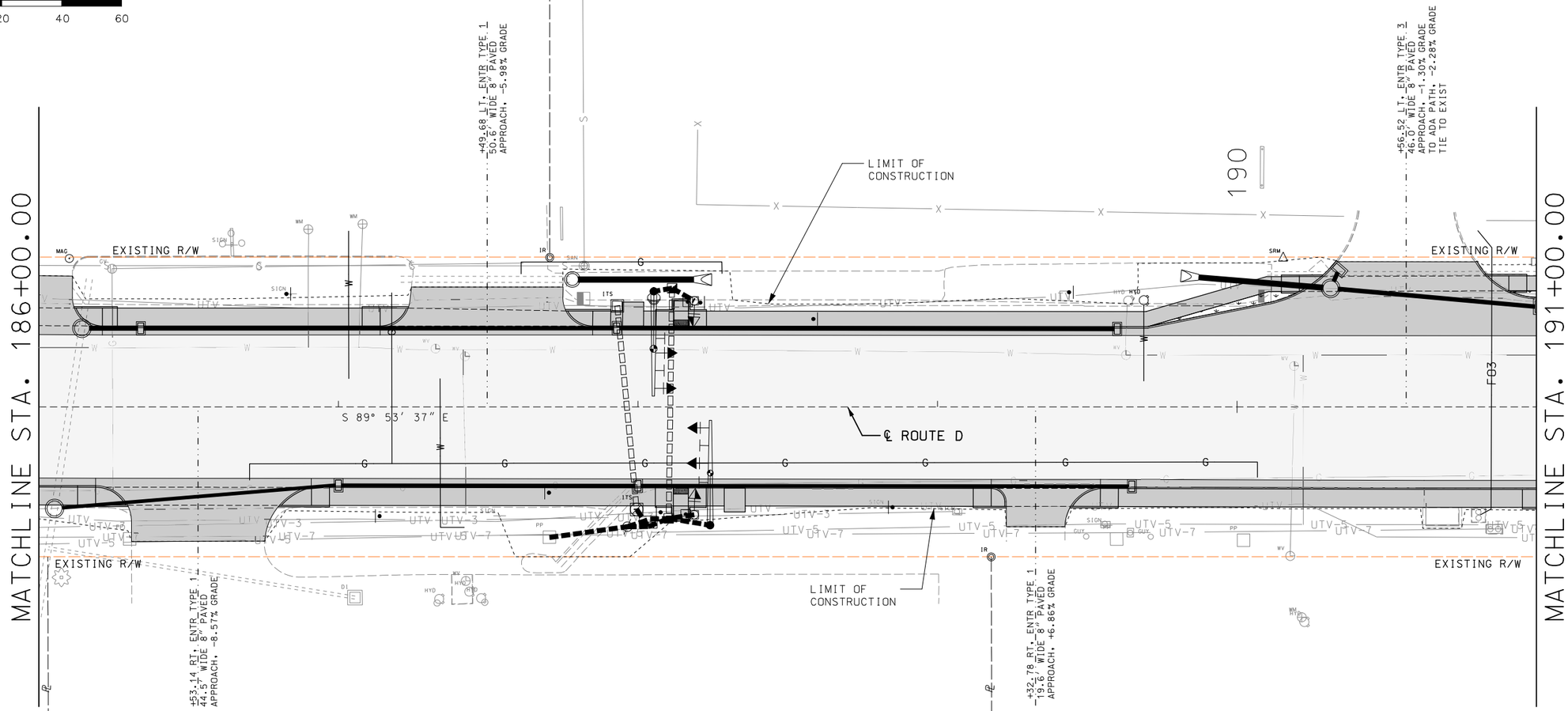
MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

8551 PAGE AVE
N/F
FREUND REAL ESTATE LLC
BK 12125 PG 1563
PARCEL ID# 16K520271
NO ACQUISITION

8543 PAGE AVE
N/F
USF PROPCO LLC
BK 17609 PG 2788
PARCEL ID# 16K540015
NO ACQUISITION

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SCALE
0 20 40 60



8544 PAGE AVE
N/F
KESSLER PAGE DEVELOPMENT
BK 11393 PG 1887
PARCEL ID# 16K520303
NO ACQUISITION

8530 PAGE AVE
N/F
LARSCO LLC
BK 22152 PG 1518
PARCEL ID# 16K520392
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 186+00.00 TO STA. 191+00.00
SHEET 7 OF 27

240_RW_007_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL HAS BEEN REVIEWED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	240

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

McDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

8525 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

CURVE EXBL_9	
PI	196+15.27
PC	194+29.84
PT	197+96.42
Δ	21° 58′ 05.8″ (RT)
D	5° 59′ 50.0″
L	366.31′
T	185.43′
R	955.37′

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8531 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 415
PARCEL ID# 16K520435
NO ACQUISITION

8525 PAGE AVE
N/F
PAGE FREEZE LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

MATCHLINE STA. 191+00.00

EXISTING R/W

CRYSTAL INDUSTRIAL COURT

+45.51 LT. ENTR TYPE 3
49.0' WIDE 8" PAVED
APPROACH, -0.34% GRADE TO
ADA PATH, +3.64% GRADE
TIE TO EXIST

+29.27
50.00'LT

+79.27
50.00'LT

+23.85 LT. ENTR TYPE 3
37.6' WIDE 8" PAVED
APPROACH, +1.38% GRADE TO
ADA PATH, -4.30% GRADE TIE
TO EXIST

LIMIT OF CONSTRUCTION

+30.00
50.00'LT

+09.32 LT. ENTR TYPE 1
32.2' WIDE 8" PAVED
APPROACH, -4.11% GRADE

S 89° 53' 37" E

℄ ROUTE D

PC STA. 194+29.84

EQUATION: STA. 194+30.01 BK = STA. 194+29.84 AH

MATCHLINE STA. 196+00.00

+24.33 RT. ENTR TYPE 1
24.8' WIDE 8" PAVED
APPROACH, +3.64% GRADE

+06.44 RT. ENTR TYPE 1
12.0' WIDE 8" PAVED
APPROACH, +9.42% GRADE

+43.87
50.00'RT

+45.74
57.93'RT

R 18'

+68.69 RT. ENTR TYPE 1
28.8' WIDE 8" PAVED
APPROACH, -7.19% GRADE

+92.62
50.00'RT

+90.74
58.08'RT

+73.37 RT. ENTR TYPE 1
10.5' WIDE 8" PAVED
APPROACH, -12.50% GRADE

+05.73 RT. ENTR TYPE 1
74' (COMBINED) WIDE 8" PAVED
APPROACH, +4.90% GRADE

+30.00
50.00'RT

+64.87 RT. ENTR TYPE 1
74' (COMBINED) WIDE 8" PAVED
APPROACH, +9.90% GRADE

+98.15 RT. ENTR TYPE 1
8.9' WIDE 8" PAVED
APPROACH, -3.59% GRADE

8518 PAGE AVE
N/F
DANCY FELIX
BK 20566 PG 5016
PARCEL ID# 16K520370
NO ACQUISITION

8514 PAGE AVE
N/F
BEGA EMMA N
BK 23215 PG 346
PARCEL ID# 16K520381
NO ACQUISITION

8510 PAGE AVE
N/F
GRAY PAINTING INC
BK 12783 PG 2277
PARCEL ID# 16K520237
NO ACQUISITION

8506 PAGE AVE
N/F
NOVA FOUNDATION THE
BK 18777 PG 1602
PARCEL ID# 16K610558
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 191+00.00 TO STA. 196+00.00
SHEET 8 OF 27

241_RW_008_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	241

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

8501 PAGE AVE
N/F
ART MORTGAGE BORROWER
PROPCO 2010-5 LLC
BK 19296 PG 443
PARCEL ID# 16K630040
NO ACQUISITION

CURVE EXBL_9	
PI	196+15.27
PC	194+29.84
PT	197+96.42
Δ	21° 58′ 05.8″ (RT)
D	5° 59′ 50.0″
L	366.31′
T	185.43′
R	955.37′

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8449 PAGE AVE
N/F
ALBERTIN AUTO BODY AND COLLISION INC
BK 17859 PG 2247
PARCEL ID# 16K610570
NO ACQUISITION

MATCHLINE STA. 196+00.00

MATCHLINE STA. 201+00.00

EXISTING R/W

LIMIT OF CONSTRUCTION

℄ ROUTE D

EQUATION STA. 197+96.15 BK = STA. 196+96.42 AH

+96.42
50.00′LT

+76.33 LT. ENTR TYPE 1
24.2′ WIDE 8" PAVED
APPROACH, +1.68% GRADE

+91.06 LT. ENTR TYPE 2
28.4′ WIDE 8" PAVED APPROACH,
6" AT +9.88% GRADE,
+13.44% GRADE TIE TO EXIST

+11.85 RT. ENTR TYPE 2
25.8′ WIDE 8" PAVED
APPROACH, 6" AT +9.50%
GRADE, +5.50% GRADE
TIE TO EXIST

+96.44
50.00′RT

+79.93 RT. ENTR TYPE 2
14.8′ WIDE 6" PAVED
APPROACH, 6" AT +13.45%,
+15.07% GRADE TIE TO EXIST

+15.54 RT. ENTR TYPE 2
34.8′ WIDE 6" PAVED
APPROACH, +4.82% GRADE

+65.37 RT. ENTR TYPE 2
21.4′ WIDE 8" PAVED
APPROACH, 6" AT +12.36%
GRADE, +12.50% GRADE TIE
TO EXIST

+12.06 RT. ENTR TYPE 1
36.9′ WIDE 6" PAVED
APPROACH, +7.16% GRADE

+86.18
50.00′RT
+88.86
59.97′RT

+41.54
50.00′RT

+38.86
60.04′RT

R 20′

S 67° 55′ 31″ E

8500 PAGE AVE
N/F
TRUTH MINISTRIES INC
BK 17638 PG 0553
PARCEL ID# 16K520161
NO ACQUISITION

② VOID
N/F
BOSCHERT GERALD A
8496 PAGE AVE
LOC 16K610691
NO AQUISITION

8470 PAGE AVE
N/F
ZACK7MOM LLC
BK 24292 PG 1705
PARCEL ID# 16K610514
NO ACQUISITION

8456 PAGE AVE
N/F
SYMON GOLD LLC
BK 24624 PG 4729
PARCEL ID# 16K610503
NO ACQUISITION

5′ EASEMENT
(PB 39 PG 37)

30′ BUILDING LINE
(PB 39 PG 37)

EXISTING R/W

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 196+00.00 TO STA. 201+00.00
SHEET 9 OF 27

242_RW_009_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS PAGE WAS AUTHORIZED FOR USE ON ELECTRONICALLY SEALED AND DATED PLANS.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	242

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER
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SCALE
0 20 40 60

SEE PREVIOUS SHEET FOR PROPERTY OWNER INFORMATION

8445 PAGE
N/F
VI-JON LLC
BK 12047 PG 1348
PARCEL ID# 16K630073
NO ACQUISITION

+36.58 LT. ENTR TYPE 2
27.3' LT WIDE 8" PAVED
APPROACH. +9.63% GRADE

+63.02 LT. ENTR TYPE 1
39.3' WIDE 8" PAVED
APPROACH. -7.62% GRADE

8433 PAGE AVE
N/F
BIG NET LLC
BK 20998 PG 219
PARCEL ID# 16K610723
NO ACQUISITION

+75.62 LT. ENTR TYPE 1
38.8' WIDE 8" PAVED
APPROACH. -3.81% GRADE

8415 PAGE AVE
N/F
VINITA PARK CITY OF
BK 19123 PG 1293
PARCEL ID# 16K610756
NO ACQUISITION

+55.88 LT. ENTR TYPE 1
31.2' WIDE 8" PAVED
APPROACH. -3.00% GRADE

8393 PAGE AVE
N/F
JAY & JAY REALTY COMPANY
BK 07766 PG 1693
PARCEL ID# 16K610602
NO ACQUISITION

+30.00 79.98'LT
+30.00 69.98'LT
+75.00 79.98'LT
+75.00 69.98'LT
+75.00 69.98'LT
+75.00 49.98'LT
+50.00 49.98'LT
+50.00 49.98'LT

LIMIT OF CONSTRUCTION
EX DRAINAGE ESMT PER PLAN

EXISTING R/W
℄ ROUTE D
S 67° 55' 31" E

MATCHLINE STA. 201+00.00
MATCHLINE STA. 206+00.00

8456 PAGE AVE
N/F
SYMON GOLD LLC
BK 24624 PG 4729
PARCEL ID# 16K610503
NO ACQUISITION

+01.99 RT. ENTR TYPE 2
65.4' WIDE 8" PAVED
APPROACH. +9.28% GRADE

5' EASEMENT
(PB 39 PG 37)

+77.86 RT. ENTR TYPE 1
25.6' WIDE 8" PAVED
APPROACH. +1.90% GRADE

+45.35 50.00'RT
+49.44 62.13'RT

8446 PAGE AVE
N/F
S&F REAL ESTATE INVESTMENTS LLC
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

R 20.06'
R 19.96'

+03.61 50.00'RT
+99.49 62.17'RT

GULF DRIVE

+71.28 RT. ENTR TYPE 1
50.7' WIDE 8" PAVED
APPROACH. +8.38% GRADE

8434 PAGE AVE
N/F
HAWK BEHAVIORAL HEALTH LLC
BK 19293 PG 4507
PARCEL ID# 16K610437
NO ACQUISITION

+59.16 RT. ENTR TYPE 1
34.9' WIDE 8" PAVED
APPROACH. +3.67% GRADE

8428 PAGE AVE
N/F
CARTER ERNESTINE T
BK 20117 PG 2686
PARCEL ID# 16K610404
NO ACQUISITION

+60.00 RT. ENTR TYPE 1
23.7' WIDE 8" PAVED
APPROACH. +3.41% GRADE

+87.09 50.00'RT
+91.26 61.08'RT

+16.87 RT. ENTR TYPE 1
45.9' WIDE 8" PAVED
APPROACH. +6.21% GRADE

ERMES DRIVE

R 20.04'
R 19.63'

+45.76 50.00'RT
+41.54 63.52'RT

8396 PAGE AVE
N/F
FUNG ALEX & ANNIE H/W
BK 16663 PG 1641
PARCEL ID# 16K610361
NO ACQUISITION

NOTE:
1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 201+00.00 TO STA. 206+00.00
SHEET 10 OF 27

243_RW_010_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	243

COUNTY
ST. LOUIS
JOB NO.
J6S3215
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

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SCALE
0 20 40 60

8393 PAGE AVE
N/F
JAY & JAY REALTY COMPANY
BK 07766 PG 1693
PARCEL ID# 16K610602
NO ACQUISITION

8340 WASHINGTON ST
N/F
FIELDS HELEN F
BK 22247 PG 875
PARCEL ID# 16K621459
NO ACQUISITION

8342 WASHINGTON ST
N/F
PISKULIC SAMUEL E
BK 15938 PG 0930
PARCEL ID# 16K621448
NO ACQUISITION

8336 WASHINGTON ST
N/F
WILSON HERBERT L BARBARA A
BK 06703 PG 1311
PARCEL ID# 16K620513
NO ACQUISITION

8396 PAGE AVE
N/F
FUNG ALEX & ANNIE H/W
BK 16663 PG 1641
PARCEL ID# 16K610361
NO ACQUISITION

8390 PAGE AVE
N/F
NEW BIBLE DAYS COGIC I
BK 19830 PG 1136
PARCEL ID# 16K610668
NO ACQUISITION

8312 PAGE AVE
N/F
AMANO USA HOLDINGS INC
BK 17530 PG 4747
PARCEL ID# 16K621361
NO ACQUISITION

MATCHLINE STA. 206+00.00

MATCHLINE STA. 211+00.00

EXISTING R/W

LIMIT OF CONSTRUCTION

20' BLDG LINE (PB 7 PG 32)

+11.39
108.85'LT

+35.45
49.98'LT

+08.44
49.98'LT

+68.39 LT. ENTR TYPE 2
34.2' WIDE 8" PAVED
APPROACH, +9.39% GRADE

210

℄ ROUTE D

S 67° 55' 31" E

+93.74
50.00'RT

+47.95
50.00'RT

+11.51 RT. ENTR TYPE 1
31.8' WIDE 8" PAVED
APPROACH, +5.78% GRADE

+71.25 RT. ENTR TYPE 1
42.2' WIDE 8" PAVED
APPROACH, +6.26% GRADE

+41.62 RT. ENTR TYPE 1
42.8' WIDE 8" PAVED
APPROACH, +2.88% GRADE

+22.02 RT. ENTR TYPE 1
35.2' WIDE 8" PAVED
APPROACH, +10.16% GRADE

+16.48 RT. ENTR TYPE 1
42.4' WIDE 8" PAVED
APPROACH, +2.19% GRADE

ATHERTON DRIVE

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 206+00.00 TO STA. 211+00.00
SHEET 11 OF 27

244_RW_011_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	244

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

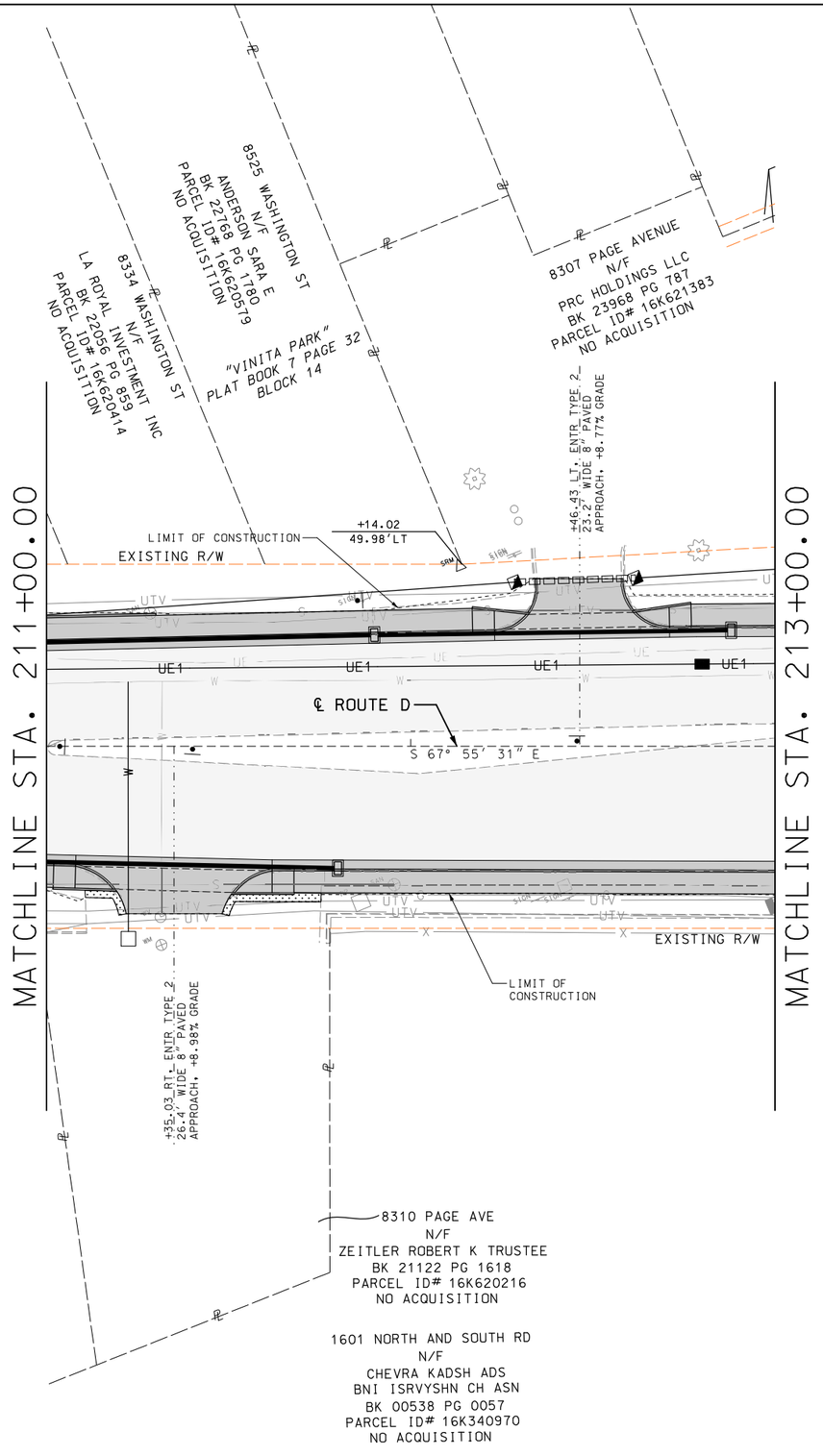
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

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.

RIGHT OF WAY PLAN SHEET
STA. 211+00.00 TO STA. 213+00.00
SHEET 12 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEEN DIGITALLY SEALED AND DATED

DATE PREPARED: 1-SEP-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 245
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

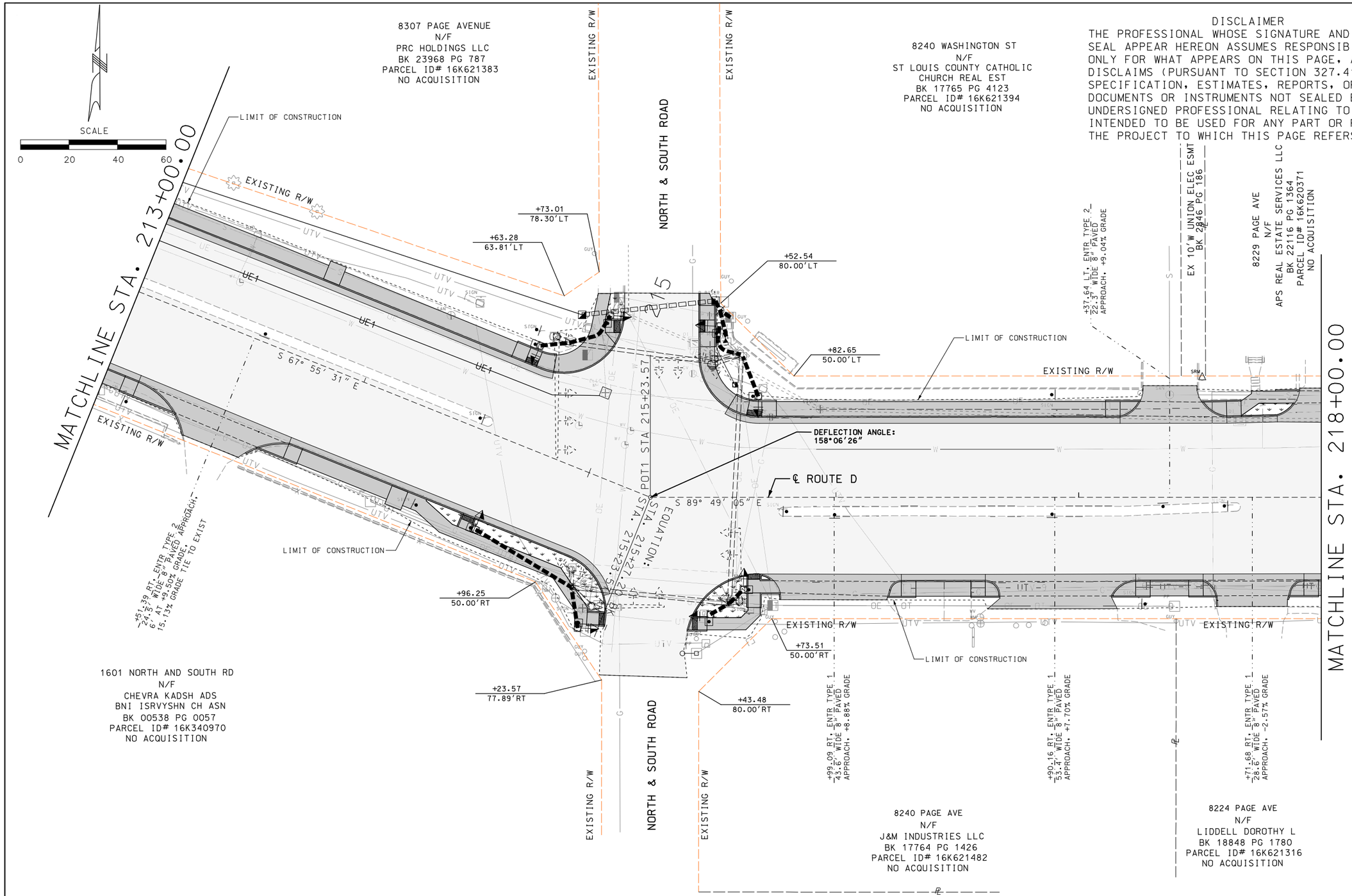
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

245_RW_012_J6S3215_i20.dgn



DISCLAIMER

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NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 213+00.00 TO STA. 218+00.00
SHEET 13 OF 27

246_RW_013_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE ON THIS PAGE WAS AUTHORIZED FOR USE ON THE DATE SHOWN.

DATE PREPARED: 1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	246

COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

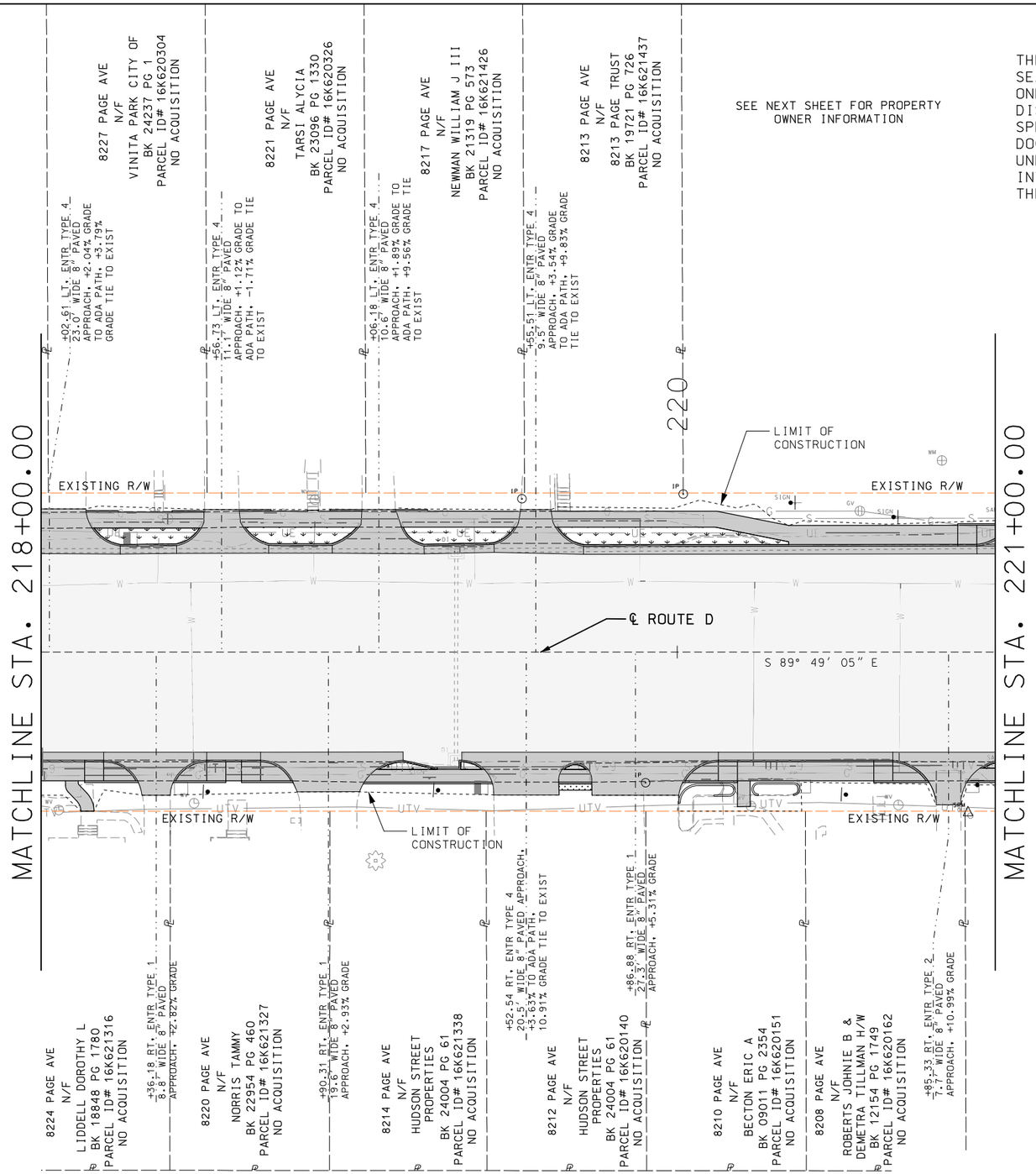
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE

0 20 40 60



SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION

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.

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 218+00.00 TO STA. 221+00.00
SHEET 14 OF 27

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS BEING ORIGINALLY SEALED AND DATED 1-SEP-2023

DATE PREPARED: 1-SEP-2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 247
COUNTY: ST. LOUIS
JOB NO.: J6S3215
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

247_RW_014_J6S3215_i20.dgn

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.

SCALE
0 20 40 60

Ⓐ	N00°11'34"W	5.00'
Ⓑ	S89°49'05"E	34.11'
Ⓒ	N74°33'10"E	18.81'
Ⓓ	S44°57'22"W	14.18'
Ⓔ	N89°49'05"W	42.20'

STA. 221+00.00

STA. 226+00.00

HARRISON AVENUE

EXISTING R/W

③
N/F
ISRAEL OF GOD THE
8203 PAGE AVE
LOC 16K621350
23,678.6 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
256.7 SQ.FT. TEMP. ESM'T.
23,678.6 SQ.FT. REMAINING

+17.23 LT., ENTR TYPE 2
24.0' WIDE 8" PAVED
APPROACH, +18.94% GRADE

+00.19
55.00'LT

+00.22
50.00'LT

+34.30
55.00'LT

+52.42
60.07'LT

TCE

+02.42
60.00'LT

+12.43
50.00'LT

LIMIT OF CONSTRUCTION

+42.43
50.00'LT

℄ ROUTE D

S 89° 49' 05" E

+32.93 LT., ENTR TYPE 2
22.5' WIDE 8" PAVED
APPROACH, +9.30% GRADE

8145 PAGE AVE
N/F
ISRAEL OF GOD THE
BK 23202 PG 3091
PARCEL ID# 16J411129
NO ACQUISITION

+98.78 LT., ENTR TYPE 1
41.5' WIDE 8" PAVED
APPROACH, +8.06% GRADE

225

8131 PAGE AVE
N/F
GENESIS ST LOUIS MO LLC
BK 24078 PG 744
PARCEL ID# 16J410261
NO ACQUISITION

+43.71 LT., ENTR TYPE 3
24.4' WIDE 8" PAVED
APPROACH, +1.50% TO ADA
PATH, +7.98% GRADE TIE
TO EXIST

8129 PAGE AVE
N/F
BISHOP BRENDA M TRUSTEE
BK 10974 PG 0447
PARCEL ID# 16J410294
NO ACQUISITION

+90.09 LT., ENTR TYPE 1
43.6' WIDE 8" PAVED
APPROACH, +2.99% GRADE

+71.02
50.00'RT

+91.28
70.00'RT

+59.02
50.00'RT

+39.29
70.00'RT

+41.57 RT., ENTR TYPE 1
42.5' WIDE 8" PAVED
APPROACH, +8.24% GRADE

+12.97 RT., ENTR TYPE 1
45.0' WIDE 8" PAVED
APPROACH, +9.50% GRADE

8200 PAGE AVE
N/F
GREATER DELIVERANCE CHURCH
BK 22830 PG 829
PARCEL ID# 16J410151
NO ACQUISITION

8150 PAGE AVE
N/F
POTTER JOHN C
BK 08830 PG 0929
PARCEL ID# 16J411174
NO ACQUISITION

④
VOID
N/F
DILLON MAURICE E
8144 PAGE AVE
LOC 16J411185
NO AQUISITION

⑤
VOID
N/F
SLAVIN STUART W &
CAROLYN H/W TRUSTEES
8126 PAGE AVE
LOC 16J411152
NO AQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 221+00.00 TO STA. 226+00.00
SHEET 15 OF 27

248_RW_015_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE SHOWN ON THIS SHEET WERE SEALED AND DATED ON THE DATE SHOWN.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	248

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

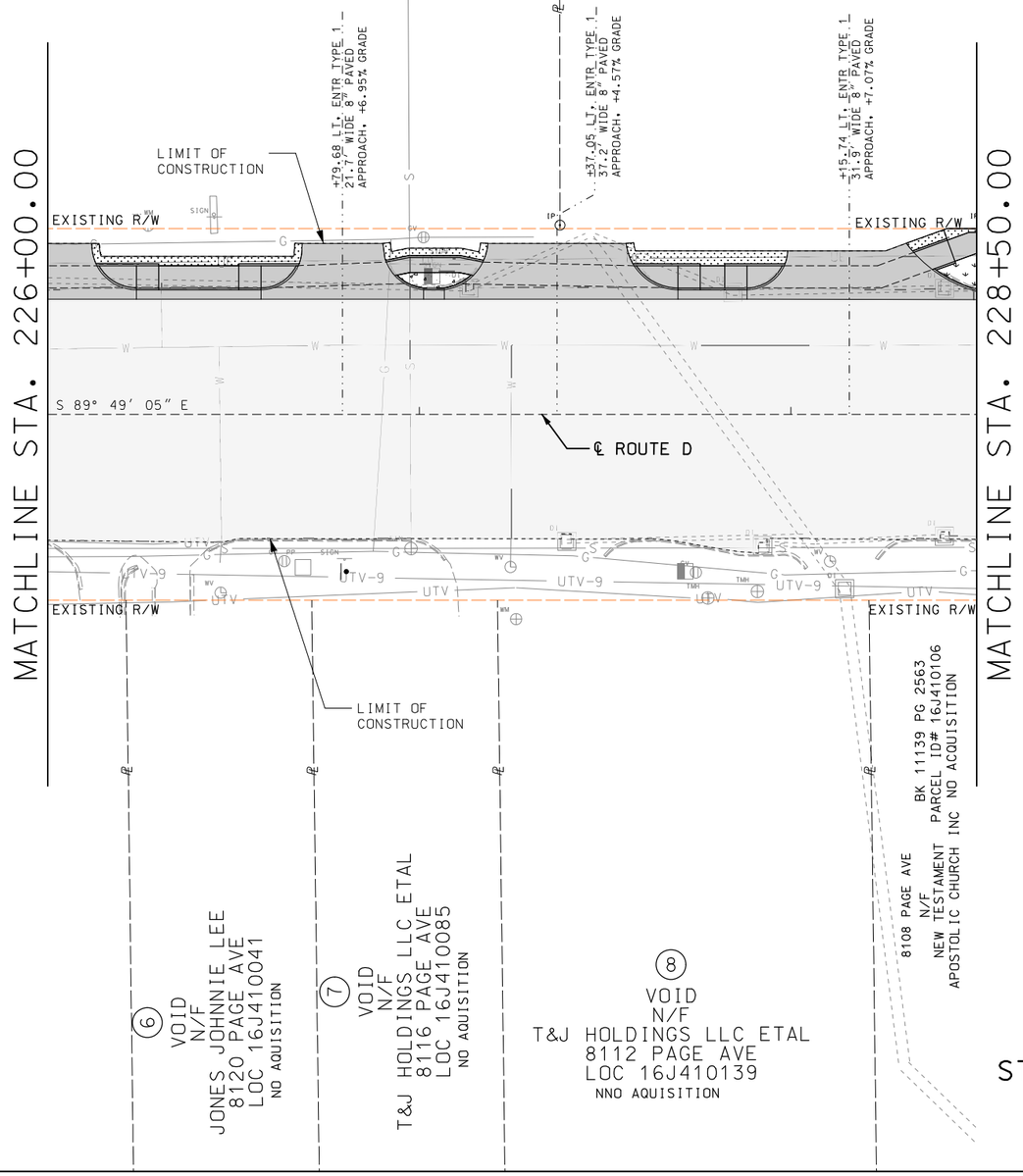
SCALE

0 20 40 60

8123 PAGE AVE
N/F
OREILLY AUTOMOTIVE INC
BK 16043 PG 0762
PARCEL ID# 16J411141
NO ACQUISITION

8119 PAGE AVE
N/F
T&G PROPERTY MANAGEMENT LLC
BK 17832 PG 4155
PARCEL ID# 16J411130
NO ACQUISITION

"VINITA PARK"
PLAT BOOK 7 PAGE 32
BLOCK 16



⑥
VOID
N/F
JONES JOHNNIE LEE
8120 PAGE AVE
LOC 16J410041
NO AQUISITION

⑦
VOID
N/F
T&J HOLDINGS LLC ETAL
8116 PAGE AVE
LOC 16J410085
NO AQUISITION

⑧
VOID
N/F
T&J HOLDINGS LLC ETAL
8112 PAGE AVE
LOC 16J410139
NNO AQUISITION

8108 PAGE AVE
N/F
NEW TESTAMENT APOSTOLIC CHURCH INC
BK 11139 PG 2563
PARCEL ID# 16J410106
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 226+00.00 TO STA. 228+50.00
SHEET 16 OF 27

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
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	249

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

249_RW_016_J6S3215_i20.dgn

Ⓐ	N00°10'55"E	5.00'
Ⓑ	S89°49'05"E	153.98'
Ⓒ	S38°09'37"W	6.34'
Ⓓ	N89°49'05"W	150.08'

Ⓔ	S89°49'05"E	54.31'
Ⓕ	N29°24'27"E	27.26'
Ⓖ	S89°52'05"E	4.50'
Ⓗ	S00°07'55"W	28.79'
Ⓘ	N89°49'05"W	61.98'
Ⓙ	N63°39'25"W	11.33'

Ⓚ	S89°49'5"E	13.76'
Ⓛ	S0°40'39"E	2.00'
Ⓜ	S89°49'5"E	54.50'
Ⓝ	S0°10'55"W	6.00'
Ⓞ	S89°49'5"E	6.73'
Ⓟ	S0°7'55"W	5.00'
Ⓠ	N89°49'5"W	75.00'
Ⓡ	N0°7'55"E	13.00'

DISCLAIMER

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SCALE
0 20 40 60

⑨ N/F
MITCHELL HOWARD G
BERNICE D H/W
8101 PAGE AVE
LOC 16J411118
21,410.6 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
759.5 SQ.FT. TEMP. ESM'T.
21,410.6 SQ.FT. REMAINING

⑩ N/F
VINITA PARK CITY OF
8027 PAGE AVE
LOC 16J410283
23,274.6 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
600.8 SQ.FT. TEMP. ESM'T.
23,274.6 SQ.FT. REMAINING

⑪ N/F
AMARS LLC
8015 PAGE AVE
LOC 16J410195
12,209.8 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
812.2 SQ.FT. TEMP. ESM'T.
12,209.8 SQ.FT. REMAINING

⑫ N/F
LSA PAWN LLC
8060 PAGE AVE
LOC 16J411107
11,639.0 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
240.0 SQ.FT. TEMP. ESM'T.
11,639.0 SQ.FT. REMAINING

⑬ N/F
UNION ELECTRIC COMPANY
8030 PAGE AVE
LOC 16J410030
17,458.5 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
360.0 SQ.FT. TEMP. ESM'T.
17,458.5 SQ.FT. REMAINING

8100 PAGE AVE
N/F
NORFUL CAROLYN J
BK 17145 PG 4423
PARCEL ID# 16J410096
NO ACQUISITION

MIDLAND BOULEVARD

EXISTING R/W

LIMIT OF CONSTRUCTION

TCE

℄ ROUTE D

S 89° 49' 05" E

+85.80 LT, ENTR TYPE 3
34.8' WIDE 8" PAVED
APPROACH, +1.55% GRADE TO ADA
PATH, +7.29% GRADE TIE TO EXIST

+60.97 LT, ENTR TYPE 3
36.5' WIDE 8" PAVED
APPROACH, +1.50% GRADE TO
ADA PATH, +6.52% GRADE TIE
TO EXIST

+72.82 LT, ENTR TYPE 2
22.7' WIDE 8" PAVED
APPROACH, +9.44% GRADE

+19.46 LT, ENTR TYPE 2
38.37' WIDE 8" PAVED
APPROACH, +10.68% GRADE

+91.88 RT, ENTR TYPE 1
39.8' WIDE 8" PAVED
APPROACH, +2.00% GRADE

+55.99 RT, ENTR TYPE 2
37.8' WIDE 8" PAVED
APPROACH, +4.34% GRADE

+31.10 RT, ENTR TYPE 1
39.17' WIDE 8" PAVED
APPROACH, +9.44% GRADE

+66.87 RT, ENTR TYPE 3
29.2' WIDE 8" PAVED APPROACH,
+1.65% TO ADA PATH,
+0.56% GRADE TIE TO EXIST

Ⓢ	S0°25'28"E	4.00'
Ⓣ	N89°49'5"W	60.00'
Ⓤ	N0°25'28"W	4.00'
Ⓥ	S89°49'5"E	90.00'
Ⓦ	S89°49'5"E	60.00'
Ⓧ	N89°49'5"W	90.00'

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

MATCHLINE STA. 228+50.00

MATCHLINE STA. 233+50.00

LAMB AVENUE

RIGHT OF WAY PLAN SHEET
STA. 228+50.00 TO STA. 233+50.00
SHEET 17 OF 27

250_RW_017_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	250

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

MATCHLINE STA. 233+50.00

(14) N/F
MIDWEST FUEL 2 INC
8001 PAGE AVE
LOC 16J421063
24,671.8 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
845.9 SQ.FT. TEMP. ESM'T.
24,671.8 SQ.FT. REMAINING

N. HANLEY ROAD

(A)	N0°07'55"E	5.00'
(B)	S89°49'5"E	101.53'
(C)	RAD 65.00' LENGTH 64.48' CHRD LENGTH 61.87' CHRD N44°14'26"E	
(D)	S72°21'24"E	5.00'
(E)	S16°24'21"W	0.55'
(F)	RAD 70.00' LENGTH 69.51' CHRD LENGTH 66.69' CHRD S44°51'13"W	
(G)	N89°49'5"W	102.28'

(15) N/F
MIDWEST ST. LOUIS LLC
7939 PAGE AVE
7905 PAGE AVE
LOC 16J420259
LOC 16J421085
162,528.4 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
964.7 SQ.FT. TEMP. ESM'T.
162,528.4 SQ.FT. REMAINING

(H)	S45°9'0"E	25.98'
(I)	S0°32'50"W	8.65'
(J)	N88°3'35"W	5.01'
(K)	N1°56'25"E	6.28'
(L)	N45°9'0"W	23.45'
(M)	N89°49'5"W	116.55'
(AB)	S89°49'5"E	119.66'

(N)	N27°57'55"W	5.36'
(O)	S51°50'46"E	7.41'
(P)	N35°50'4"E	1.93'
(Q)	S54°1'37"E	26.00'
(R)	S35°50'4"W	1.83'
(S)	S54°1'37"E	49.97'
(T)	N35°58'23"E	2.83'
(U)	S54°1'37"E	43.73'
(V)	S35°58'23"W	3.54'
(W)	S0°25'28"E	4.00'
(X)	S54°36'32"E	53.15'
(Y)	S54°1'37"E	70.80'
(AC)	N54°1'37"W	304.14'

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) 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
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SEAL AND DATE SHOWN ON THIS PAGE WAS AUTHORIZED FOR USE ON THE DATE SHOWN ON THE ELECTRONIC SEAL AND DATED.

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	251

COUNTY
ST. LOUIS
JOB NO.
J6S3215
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

MoDOT J6S3215 - ROUTE D PROJECT

RIGHT OF WAY PLAN SHEET
STA. 233+50.00 TO STA. 238+00.00
SHEET 18 OF 27

NOTE:
1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

251_RW_018_J6S3215_i20.dgn

DISCLAIMER

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SCALE
0 20 40 60

Ⓩ	N35°58'23"E	3.00'
ⒶⒶ	S54°1'37"E	57.90'
ⒶⒷ	S35°58'23"W	5.00'

⑮
N/F
MIDWEST ST. LOUIS LLC
7939 PAGE AVE
7905 PAGE AVE
LOC 16J420259
LOC 16J421085
162,528.4 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
964.7 SQ.FT. TEMP. ESM'T.
161,563.6 SQ.FT. REMAINING

7823 RACINE DR
N/F
MOUNT BEULAH MISSIONARY BAPTIST
BK 07790 PG 2466
PARCEL ID# 16J420095
NO ACQUISITION

RACINE DRIVE

+52.68 LT, ENTR TYPE 3
46.7' WIDE 8" PAVED
APPROACH, +7.00% GRADE TO
ADA PATH, +8.92% GRADE TIE
TO EXIST

+98.53 LT, ENTR TYPE 3
37.37' WIDE 8" PAVED
APPROACH, -6.08% GRADE TO
ADA PATH, -1.50% GRADE TIE
TO EXIST

SEE PREVIOUS PAGE FOR INFORMATION
LIMIT OF CONSTRUCTION
EXISTING R/W
EXISTING R/W
EXISTING R/W
EXISTING R/W
℄ ROUTE D
S 54° 01' 37" E
R 25'
R 40'
240
+61.33 55.00'LT
+23.68 55.00'LT
+81.58 55.00'LT
+81.58 50.00'LT
+61.32 50.00'LT
+23.68 52.00'LT
+75.77 75.00'LT
+50.77 50.00'LT
+25.79 88.98'LT
+65.77 50.00'LT

MATCHLINE STA. 238+00.00

+04.09 RT, ENTR TYPE 4
15.7' WIDE 8" PAVED
APPROACH, +9.95% GRADE*
7952 PAGE AVE
N/F
MOHAMED ALEXANDRA FARRIS SCOTT
BK 19325 PG 2766
PARCEL ID# 16J420017
NO ACQUISITION

+41.40 RT, ENTR TYPE 4
15.9' WIDE 8" PAVED
APPROACH, +10.45% GRADE*
7924 PAGE AVE
N/F
GRIFFIN WAYNE J
BK 07942 PG 0513
PARCEL ID# 16J141486
NO ACQUISITION
5' ESMT (PB 22 PG 86)

+76.64 RT, ENTR TYPE 4
11.97' WIDE 8" PAVED
APPROACH, +9.19% GRADE*
7922 PAGE AVE
N/F
HORIZON TRUST COMPANY
BK 21888 PG 1774
PARCEL ID# 16J141453
NO ACQUISITION

+12.17 RT, ENTR TYPE 4
9.7' WIDE 8" PAVED
APPROACH, +12.17% GRADE*
7920 PAGE AVE
N/F
GALE CREATIONS INC
BK 20385 PG 2249
PARCEL ID# 16J141442
NO ACQUISITION

+50.95 RT, ENTR TYPE 4
10.57' WIDE 8" PAVED
APPROACH, +11.44% GRADE*
7918 PAGE AVE
N/F
USA REAL ESTATE INVESTMENTS GROUP LLC
BK 24588 PG 4651
PARCEL ID# 16J141420
NO ACQUISITION

+89.36 RT, ENTR TYPE 4
11.0' WIDE 8" PAVED
APPROACH, +11.68% GRADE*
7916 PAGE AVE
N/F
HNELSON REAL ESTATE INC
BK 20573 PG 1417
PARCEL ID# 16J141402
NO ACQUISITION

+26.44 RT, ENTR TYPE 4
11.1' WIDE 8" PAVED
APPROACH, +10.98% GRADE*
7914 PAGE AVE
N/F
HNELSON REAL ESTATE INC
BK 20573 PG 1413
PARCEL ID# 16J141398
NO ACQUISITION
5' ESMT (PB 22 PG 86)

+62.69 RT, ENTR TYPE 4
12.3' WIDE 8" PAVED
APPROACH, +10.36% GRADE*
7912 PAGE AVE
N/F
GLADNEY MICHAEL
LINDA K H/W
BK 11081 PG 2438
PARCEL ID# 16J141343
NO ACQUISITION

+99.14 RT, ENTR TYPE 4
12.7' WIDE 8" PAVED
APPROACH, +8.13% GRADE*
7910 PAGE AVE
N/F
BROWN XAVIER
BK 16793 PG 2752
PARCEL ID# 16J141301
NO ACQUISITION

+37.63 RT, ENTR TYPE 4
12.3' WIDE 8" PAVED
APPROACH, +8.08% GRADE*
7908 PAGE AVE
N/F
HERNANDEZ VICTOR P
BK 17732 PG 616
PARCEL ID# 16J141299
NO ACQUISITION

+75.47 RT, ENTR TYPE 4
11.8' WIDE 8" PAVED
APPROACH, +7.28% GRADE*
7906 PAGE AVE
N/F
ROOKS VAUGHN M
BETTIE J H/W
BK 23053 PG 14
PARCEL ID# 16J310479
NO ACQUISITION

25' BLDG LINE (PB 22 PG 86)
LIMIT OF CONSTRUCTION
5' ESMT (PB 22 PG 86)
5' ESMT (PB 22 PG 86)
"VINITA PLACE"
PLAT BOOK 22 PAGE 86
BLOCK 1

MATCHLINE STA. 242+00.00

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

* PROPOSED ENTRANCE GRADE IS FROM GUTTER LINE TO EDGE OF SIDEWALK.

RIGHT OF WAY PLAN SHEET
STA. 238+00.00 TO STA. 242+00.00
SHEET 19 OF 27

252_RW_019_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	252

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

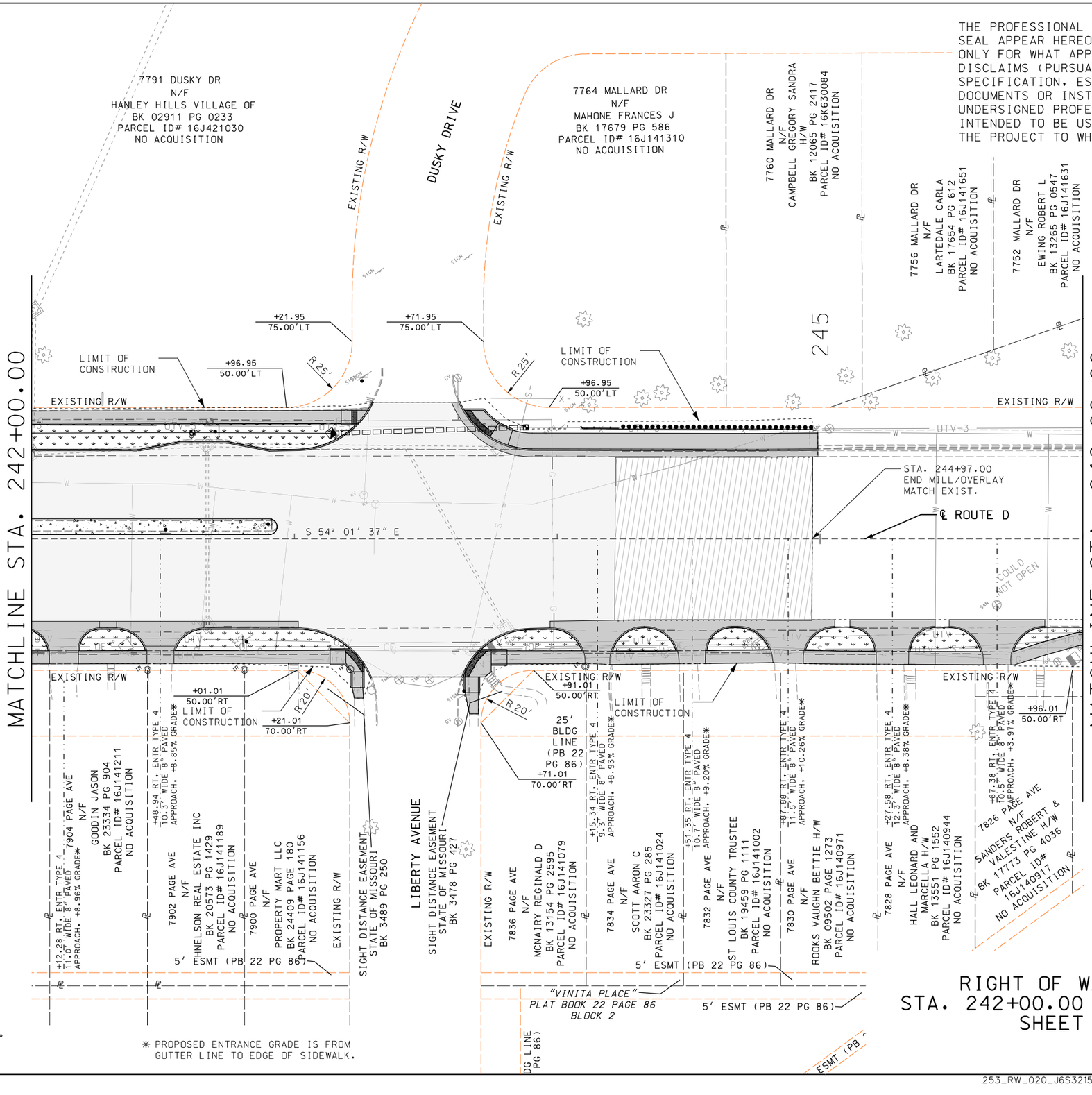
MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

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7791 DUSKY DR
N/F
HANLEY HILLS VILLAGE OF
BK 02911 PG 0233
PARCEL ID# 16J421030
NO ACQUISITION
DUSKY DRIVE
EXISTING R/W
EXISTING R/W
7764 MALLARD DR
N/F
MAHONE FRANCES J
BK 17679 PG 586
PARCEL ID# 16J141310
NO ACQUISITION
7760 MALLARD DR
N/F
CAMPBELL GREGORY SANDRA H/W
BK 12065 PG 2417
PARCEL ID# 16K630084
NO ACQUISITION
7756 MALLARD DR
N/F
LARTEDALE CARLA
BK 17654 PG 612
PARCEL ID# 16J141651
NO ACQUISITION
7752 MALLARD DR
N/F
EWING ROBERT L
BK 13265 PG 0547
PARCEL ID# 16J141631
NO ACQUISITION
245
+21.95
75.00'LT
+71.95
75.00'LT
LIMIT OF CONSTRUCTION
+96.95
50.00'LT
R 25'
R 25'
LIMIT OF CONSTRUCTION
+96.95
50.00'LT
EXISTING R/W
EXISTING R/W
MATCHLINE STA. 242+00.00
MATCHLINE STA. 246+00.00
S 54° 01' 37" E
STA. 244+97.00
END MILL/OVERLAY
MATCH EXIST.
℄ ROUTE D
UTV-3
W
W
W

DISCLAIMER
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MATCHLINE STA. 246+00.00

MATCHLINE STA. 251+00.00

7748 MALLARD DR
N/F
FRENCHIE TRACEY
BK 17076 PG 1666
PARCEL ID# 16J141695
NO ACQUISITION

7744 MALLARD DR
N/F
KOEHR PATRICIA J
BK 10136 PG 1041
PARCEL ID# 16J141684
NO ACQUISITION

7740 MALLARD DR
N/F
NUMBER ONE RENTALS LLC
BK 18897 PG 1394
PARCEL ID# 16J141673
NO ACQUISITION

7736 MALLARD DR
N/F
MCGEE GEORGIA M CLAUDE
H/H
BK 11686 PG 0422
PARCEL ID# 16J141662
NO ACQUISITION

7732 MALLARD DR
N/F
MANUEL VANNEATA M
BK 07658 PG 0354
PARCEL ID# 16J231202
NO ACQUISITION

EXISTING R/W

250 ST. LOUIS AND BELT TERMINAL RAILROAD

+49.98
50.00'LT

+58.07
50.00'LT

LIMIT OF CONSTRUCTION

EXISTING R/W

EXISTING R/W

S 54° 01' 37" E

℄ ROUTE D

LIMIT OF CONSTRUCTION

+44.55
50.00'RT

+76.07
50.00'RT

EXISTING R/W

Ⓓ

TCE

Ⓒ

Ⓑ

10' BLDG LINE (PB 22 PG 86)

+44.55
55.00'RT

+76.07
55.00'RT

+12.18
50.00'RT

+03.70
50.00'RT

+60.25 RT. ENTR TYPE 4
21.0' WIDE 3" PAVED
APPROACH. +6.91% GRADE

5' ESMT (PB 22 PG 86)

EXISTING R/W

17

N/F
JAMES QUEEN E TR
7824 PAGE AVE
LOC 16J140870
4,932.6 SQ.FT. TOTAL AREA
0.0 SQ.FT. NEW R/W
0.0 SQ.FT. PERM. ESM'T.
157.6 SQ.FT. TEMP. ESM'T.
4,932.6 SQ.FT. REMAINING

Ⓐ	S54°1'37"E	31.53'
Ⓑ	S35°58'23"W	5.00'
Ⓒ	N54°01'37"W	31.53'
Ⓓ	N35°58'23"E	5.00'

SCALE
0 20 40 60

ST. LOUIS AND BELT TERMINAL RAILROAD

EXISTING R/W

7812 PAGE AVE
N/F
HFL HOLDINGS LLC
BK – PG –
PARCEL ID# 16J140861
NO ACQUISITION

7808 PAGE AVE
N/F
WALTON LUSTER G HELEN H/W
BK 07422 PG 0581
PARCEL ID# 16J140661
NO ACQUISITION

+76.99
50.00'RT

EXISTING R/W

+48.44
50.00'RT

LIMIT OF CONSTRUCTION

EXISTING R/W

1647 QUENDO AVE
N/F
TAYLOR SANDRA NOVELLA
BK 07388 PG 1785
PARCEL ID# 16J230377
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 246+00.00 TO STA. 251+00.00
SHEET 21 OF 27

254_RW_021_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER

DATE PREPARED
13-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	254

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 – ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

ST. LOUIS AND BELT TERMINAL RAILROAD

EXISTING R/W

7775 PAGE AVE
N/F
LENETTE REALTY &
INVESTMENT COMPANY
BK 20878 PG 410
PARCEL ID# 16K630084
NO ACQUISITION

7731 PAGE AVE
N/F
BHAKTA VASANT
BK 23105 PG 599
PARCEL ID# 16J231170
NO ACQUISITION

7717 PAGE AVE
N/F
MIRAN INVESTMENT
BK 07368 PG 1831
PARCEL ID# 16J231213
NO ACQUISITION

7701 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

+09.07 LT. ENTR TYPE 3
58.8' WIDE 8" PAVED
APPROACH, +5.42% GRADE
TO ADA PATH, +1.27% GRADE
TIE TO EXIST

+51.00 LT. ENTR TYPE 3
48.5' WIDE 8" PAVED
APPROACH, +6.68% GRADE
TO ADA PATH, -0.98%
GRADE TIE TO EXIST

+06.89 LT. ENTR TYPE 3
27.1' WIDE 8" PAVED
APPROACH, +5.42% GRADE
TO ADA PATH, -9.30%
GRADE TIE TO EXIST

+09.58 LT. ENTR TYPE 3
29.1' WIDE 8" PAVED
APPROACH, +3.72% GRADE
TO ADA PATH, +8.35%
GRADE TIE TO EXIST

+79.17 LT. ENTR TYPE 3
36.4' WIDE 8" PAVED
APPROACH, +5.66% GRADE
TO ADA PATH, +8.20%
GRADE TIE TO EXIST

+72.84 LT. ENTR TYPE 1
31.1' WIDE 8" PAVED
APPROACH, +10.09% GRADE

LIMIT OF CONSTRUCTION

255

MATCHLINE STA. 251+00.00

MATCHLINE STA. 256+00.00

S 54° 01' 37" E

℄ ROUTE D

STA. 255+97
BEGIN MILL/OVERLAY
MATCH EXIST.

+49.88
50.00'RT

+28.12
79.46'RT

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

LIMIT OF CONSTRUCTION

QUENDO AVENUE

EXISTING R/W

7728 PAGE AVE
N/F
DURSO JOSEPH
BK 24080 PG 4389
PARCEL ID# 16J231192
NO ACQUISITION

7722 PAGE AVE
N/F
GUY BEY DORIAN
BK 13765 PG 2403
PARCEL ID# 16J230278
NO ACQUISITION

7720 PAGE AVE
N/F
DOWNING LEVON
BK 10633 PG 0068
PARCEL ID# 16J230267
NO ACQUISITION

7718 PAGE AVE
N/F
MMIT GROUP STL1 LLC
BK 23082 PG 1012
PARCEL ID# 16J230245
NO ACQUISITION

7716 PAGE AVE
N/F
JR SOD COMPANY
BK 11262 PG 2035
PARCEL ID# 16J230234
NO ACQUISITION

7710 PAGE AVE
N/F
JR SOD COMPANY
BK 10231 PG 0729
PARCEL ID# 16J231246
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 251+00.00 TO STA. 256+00.00
SHEET 22 OF 27

DISCLAIMER
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THE SHEET WAS BEING SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	255

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

255_RW_022_J6S3215_i20.dgn

SCALE
0 20 40 60

7701 PAGE AVE
N/F
DORELL INVESTMENT
BK 06421 PG 1903
PARCEL ID# 16J230289
NO ACQUISITION

7621 PAGE AVE
N/F
WEST PORT STL INC
BK 24230 PG 2065
PARCEL ID# 16J231235
NO ACQUISITION

7601 PAGE AVE
N/F
SHERWIN WILLIAMS COMPANY
BK 10820 PG 1530
PARCEL ID# 16J231224
NO ACQUISITION

+38.66 LT. ENTR TYPE 1
26.4' WIDE 8" PAVED
APPROACH, +2.73% GRADE

+28.43 LT. ENTR TYPE 1
41.0' WIDE 8" PAVED
APPROACH, +7.20% GRADE

+59.32 LT. ENTR TYPE 1
45.7' WIDE 8" PAVED
APPROACH, +8.96% GRADE

+67.55 LT. ENTR TYPE 1
14.2' WIDE 8" PAVED
APPROACH, +7.66% GRADE

+16.52 LT. ENTR TYPE 1
37.0' WIDE 8" PAVED
APPROACH, +5.98% GRADE

+61.98 LT. ENTR TYPE 2
40.0' WIDE 8" PAVED
APPROACH, +8.10% GRADE

260

LIMIT OF CONSTRUCTION

EXISTING R/W

MATCHLINE STA. 256+00.00

MATCHLINE STA. 261+00.00

S 54° 01' 37" E

℄ ROUTE D

+77.06
50.00'RT

+27.06
50.00'RT

+32.29
50.00'RT

+97.60
62.89'RT

LIMIT OF CONSTRUCTION

BRADFORD AVENUE

PURDUE AVENUE

7700 PAGE AVE
N/F
JR SOD COMPANY
BK 10231 PG 0729
PARCEL ID# 16J230135
NO ACQUISITION

7626 PAGE AVE
N/F
DORSEY IDA MAE
BK 22659 PG 1169
PARCEL ID# 16J230081
NO ACQUISITION

7620 PAGE AVE
N/F
DORSEY IDA
BK 23753 PG 72
PARCEL ID# 16J230047
NO ACQUISITION

7618 PAGE AVE
N/F
WILLIAMS HATTIE MAE
JESSIE ETAL J/T
BK 23053 PG 14
PARCEL ID# 16J310479
NO ACQUISITION

7610 PAGE AVE
N/F
TIAMIYU OMOLADUN
BK 18712 PG 2794
PARCEL ID# 16J231147
NO ACQUISITION

7600 PAGE AVE
N/F
ESKRIDGE BOBBY J
MELODY E H/W
BK 10919 PG 2581
PARCEL ID# 16J211589
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 256+00.00 TO STA. 261+00.00
SHEET 23 OF 27

DISCLAIMER
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STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	256

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

256_RW_023_J6S3215_i20.dgn

N/F
VISION REAL ESTATE LLC
BK 23086 PG 1173
PARCEL ID# 16J230113
NO ACQUISITION

SEE NEXT SHEET FOR PROPERTY OWNER INFORMATION.

DISCLAIMER
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SCALE
0 20 40 60

MATCHLINE STA. 261+00.00

MATCHLINE STA. 266+00.00

℄ ROUTE D

S 54° 01' 37" E

PC STA 262+18.24

+47.60 LT, ENTR TYPE 1
31.8' WIDE 8" PAVED
APPROACH, +1.52% GRADE

+75.53 LT, ENTR TYPE 2
33.8' WIDE 8" PAVED
APPROACH, +8.51% GRADE

+31.59 LT, ENTR TYPE 2
41.2' WIDE 8" PAVED AT +9.50% GRADE.
APPROACH, 6' AT +9.50% GRADE.
+15.13% GRADE TIE TO EXIST

LIMIT OF CONSTRUCTION

EXISTING R/W

+18.23
50.00'LT

+05.18
50.00'RT

+18.23
50.00'RT

+88.77
50.00'RT

+29.46
50.00'RT

1614 BRADFORD AVE
N/F
DELESTE PROPERTIES LLC
BK 19727 PG 4700
PARCEL ID# 16J211545
NO ACQUISITION

7562 PAGE AVE
N/F
PAGEDALE CITY OF
BK 23053 PG 14
PARCEL ID# 16J310479
NO ACQUISITION

7538 PAGE AVE
N/F
PAGEDALE RHF HOUSING INC
BK 17758 PG 4231
PARCEL ID# 16J221193
NO ACQUISITION

7550 PAGE AVE
N/F
PAGEDALE RHF HOUSING INC
BK 17758 PG 4231
PARCEL ID# 16J211590
NO ACQUISITION

BRADFORD AVENUE

FARIS AVENUE

CURVE EXBL_16	
PI	264+37.29
PC	262+18.24
PT	266+52.13
Δ	13° 05' 02.5" (LT)
D	2° 59' 58.8"
L	436.19'
T	219.05'
R	1,910.08'

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 261+00.00 TO STA. 266+00.00
SHEET 24 OF 27

257_RW_024_J6S3215_i20.dgn

CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
STATE OF MISSOURI
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	257

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

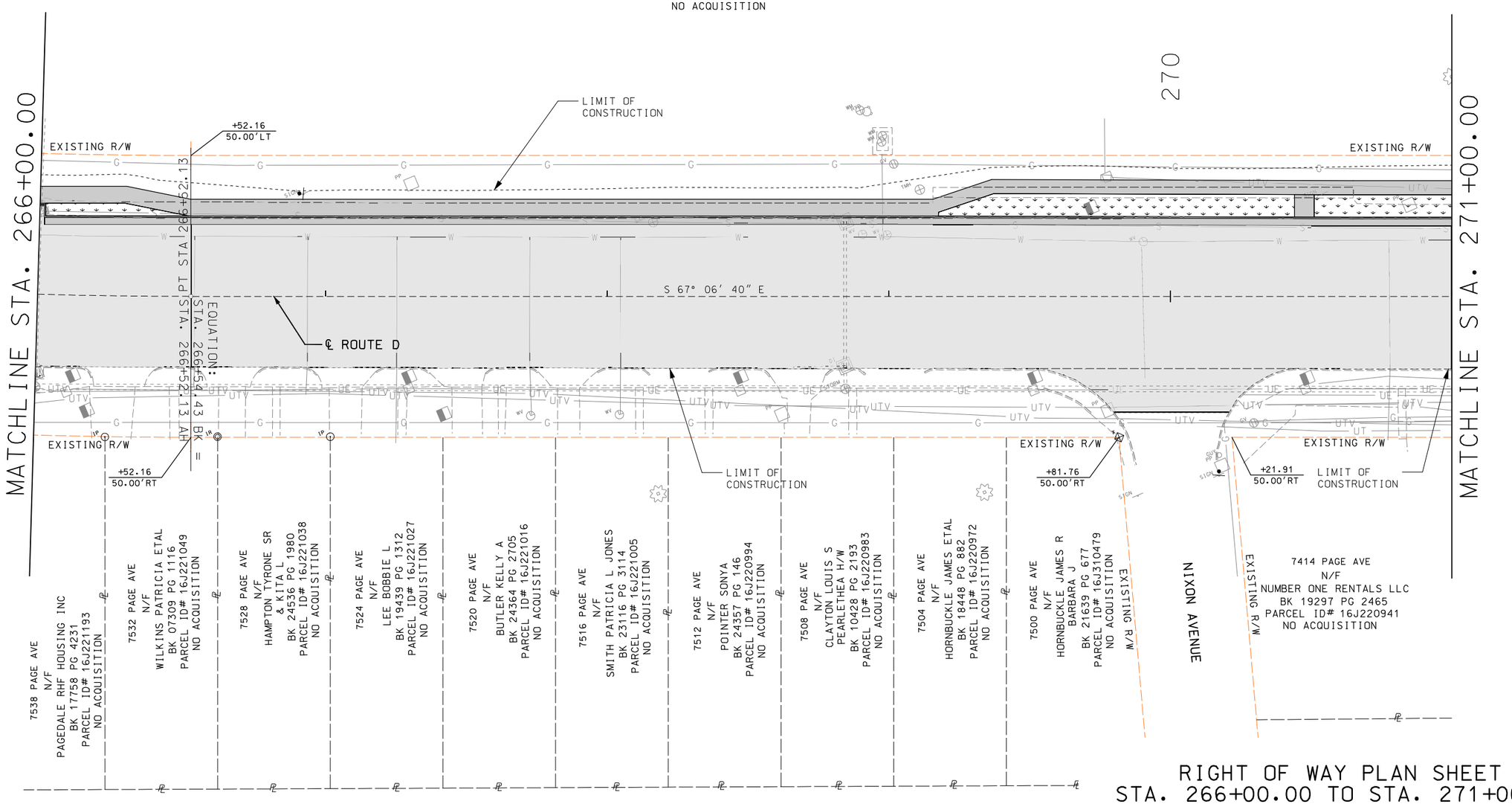
SCALE

0 20 40 60

DISCLAIMER

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7227 PAGE AVE
N/F
AMERICAN STERILIZER COMPANY
BK 13201 PG 2447
PARCEL ID# 16J221269
NO ACQUISITION



RIGHT OF WAY PLAN SHEET
STA. 266+00.00 TO STA. 271+00.00
SHEET 25 OF 27

258_RW_025_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS DIGITALLY SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	258

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DISCLAIMER
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SCALE
0 20 40 60

7227 PAGE AVE
N/F
AMERICAN STERILIZER COMPANY
BK 13201 PG 2447
PARCEL ID# 16J221269
NO ACQUISITION

+64.88 LT, ENTR TYPE 3
104.4' WIDE 8" PAVED
APPROACH, +7.63% GRADE
AD ADA PATH, +14.22% GRADE
TIE TO EXIST

+17.72 LT, ENTR TYPE 3
16.9' WIDE 8" PAVED
APPROACH, +5.39% GRADE TO
ADA PATH, +6.69% GRADE TIE
TO EXIST

LIMIT OF CONSTRUCTION

EXISTING R/W

S 67° 06' 40" E

℄ ROUTE D

MATCHLINE STA. 271+00.00

MATCHLINE STA. 276+00.00

LIMIT OF CONSTRUCTION

+21.63
50.00'RT

+81.90
50.00'RT

EXISTING R/W

EXISTING R/W

PARTRIDGE AVENUE

EXISTING R/W

7400 PAGE AVE
N/F
CHURCH OF JESUS CHRIST
LATTERDAY STS
BK 21639 PG 677
PARCEL ID# 16J310479
NO ACQUISITION

7240 PAGE AVE
N/F
CONNER JULIUS RUSSELL JR
& ROBIN H/W
BK 17001 PG 0106
PARCEL ID# 16J220785
NO ACQUISITION

7228 PAGE AVE
N/F
SANDRICH INC
BK 19359 PG 3083
PARCEL ID# 16J220741
NO ACQUISITION

NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 271+00.00 TO STA. 276+00.00
SHEET 26 OF 27

259_RW_026_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN DIGITALLY SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	259

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

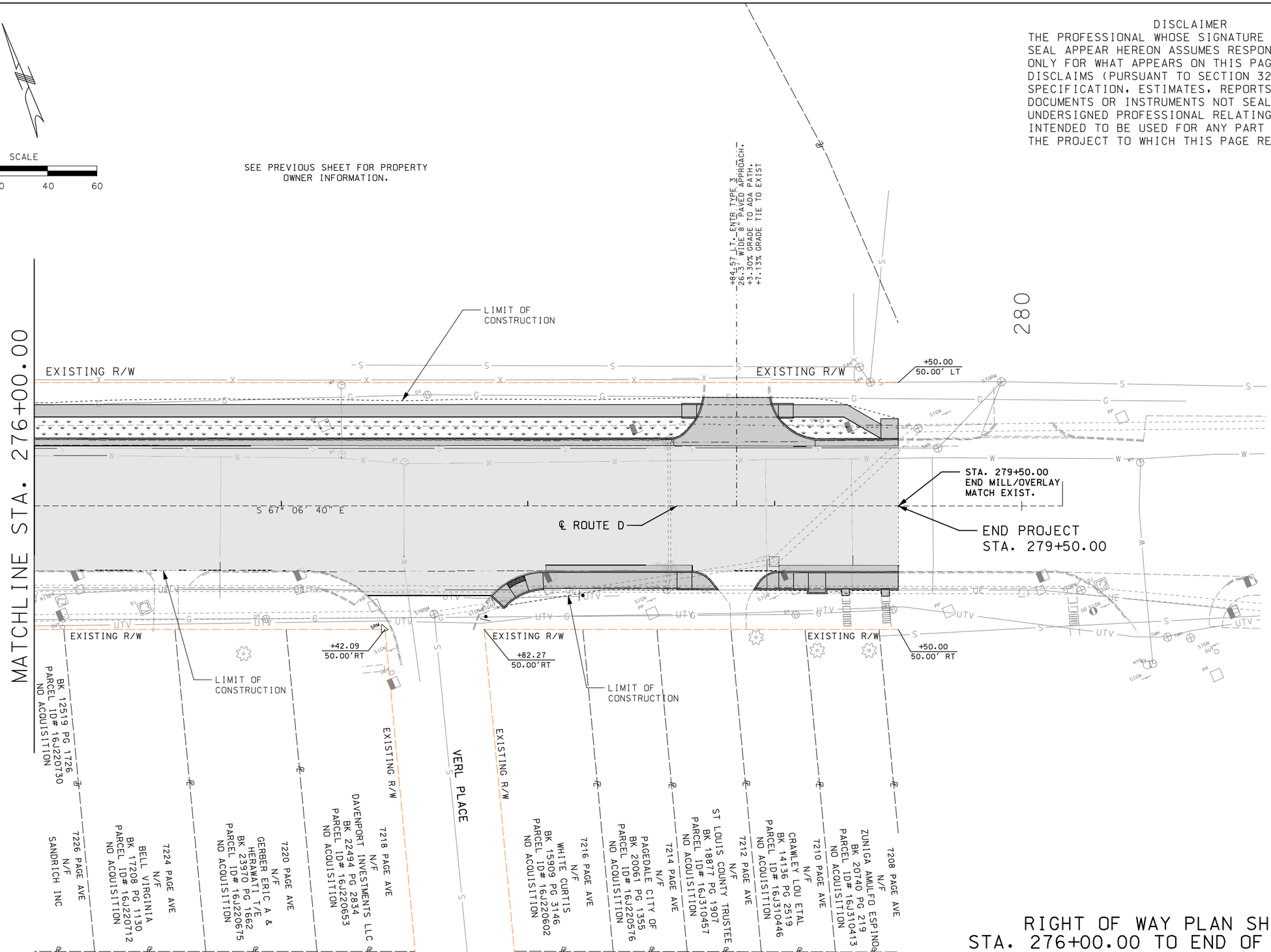
PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

SCALE
0 20 40 60

SEE PREVIOUS SHEET FOR PROPERTY OWNER INFORMATION.

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NOTE:

1. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.

RIGHT OF WAY PLAN SHEET
STA. 276+00.00 TO END OF PROJECT
SHEET 27 OF 27

260_RW_027_J6S3215_i20.dgn

STATE OF MISSOURI
CASEY ELSTEN
NUMBER PE-2010019533
PROFESSIONAL ENGINEER
THIS SHEET WAS ORIGINALLY ISSUED AND SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
1-SEP-2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	260

COUNTY
ST. LOUIS

JOB NO.
J6S3215

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

REV	DATE	DESCRIPTION
0	072123	FINAL PS&E

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)

MoDOT J6S3215 - ROUTE D PROJECT

PARSONS
530 MARYVILLE CENTRE DRIVE, SUITE 400
ST. LOUIS, MISSOURI 63141 - 314.434.2900

MO STATE CERTIFICATE OF AUTHORITY #000479 ENGINEERING

DESIGN DESIGNATION

A.A.D.T. – 2023 = 20,499
A.A.D.T. – 2043 = 23,106
D.H.V. = 7.4%
T = 5%
V = 35 M.P.H.
D = 75/25%

FUNCTIONAL CLASSIFICATION – PRINCIPAL ARTERIAL

NO NEW ROW TO BE ACQUIRED FOR THIS PROJECT.

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	DI	
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 STATE HIGHWAY

BRIDGE REHABILITATIONS (J6S3592)

ST. LOUIS COUNTY
TOWNSHIP 46N
RANGE 6E, SECTIONS 33, 34, 35
TOWNSHIP 45N
RANGE 6E, SECTIONS 1, 2

US SURVEYS 2033, 2775

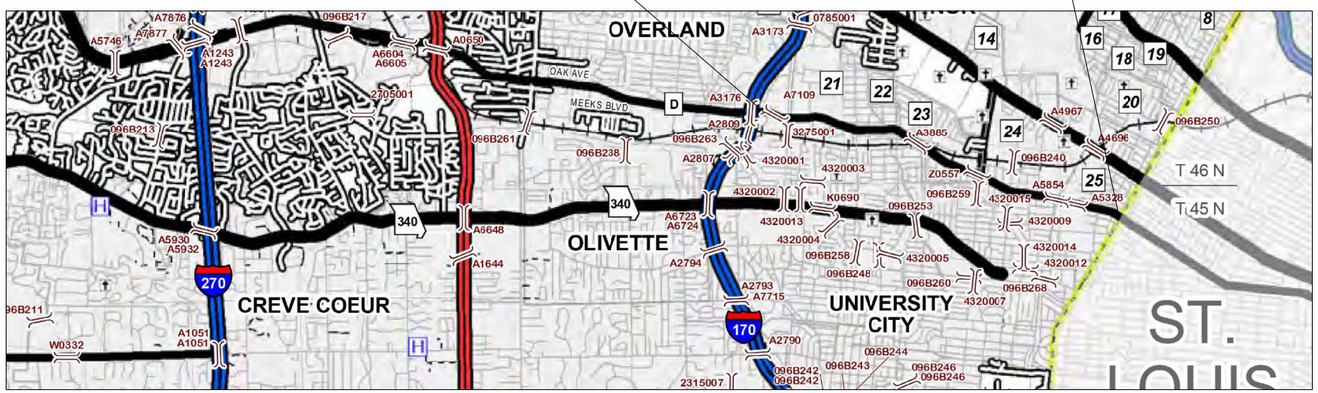
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NOT TO SCALE

BEGIN PROJECT ROUTE D STA. 171+68.9 LOG MILE 5.582

PAVEMENT, GUARDRAIL, BARRIER & BRIDGE REHABS

END PROJECT ROUTE D STA. 156+02.2 LOG MILE 9.055



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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (5 SHEETS)	3
PLAN (PL)	4-8
SPECIAL SHEETS (SS)	9-11
TRAFFIC CONTROL SHEETS (TC)	12-16
CULVERT SECTIONS (CS)	17
BRIDGE DRAWINGS (B)	
A7109	1-2
A3885	1
B0388	1
A5328	1-2

LENGTH OF PROJECT

BEGINNING OF PROJECT	L.M. 5.582	
END OF PROJECT	L.M. 9.055	
APPARENT LENGTH	18,337.44	FEET
EQUATIONS AND EXCEPTIONS:	**	

NOTE:
** INDICATES SEE TITLE SHEET J6S3215 FOR EQNs. & EXCEPTIONS.

TOTAL CORRECTIONS	**	FEET
NET LENGTH OF PROJECT	18,337.44	FEET
STATE LENGTH	3.473	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.36	ACRES

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/18/2023 8:49:50 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	1

COUNTY: ST. LOUIS
JOB NO.: J6S3592
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

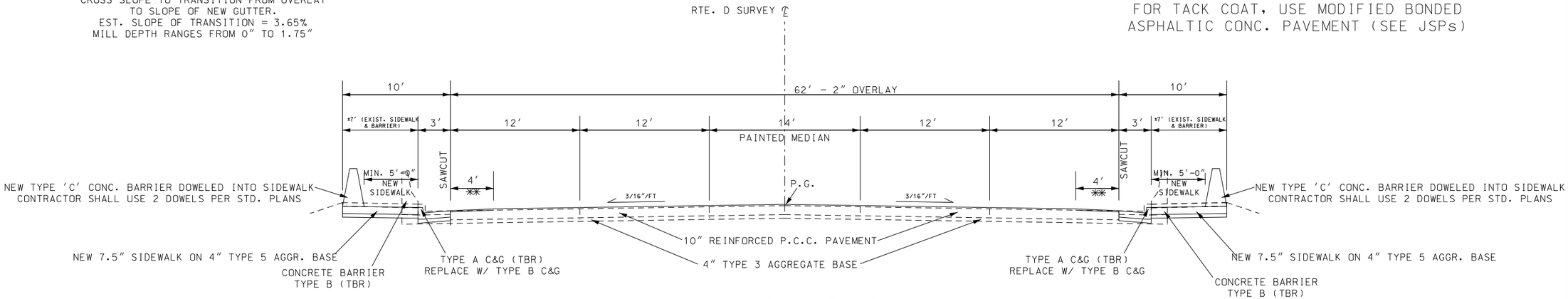
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

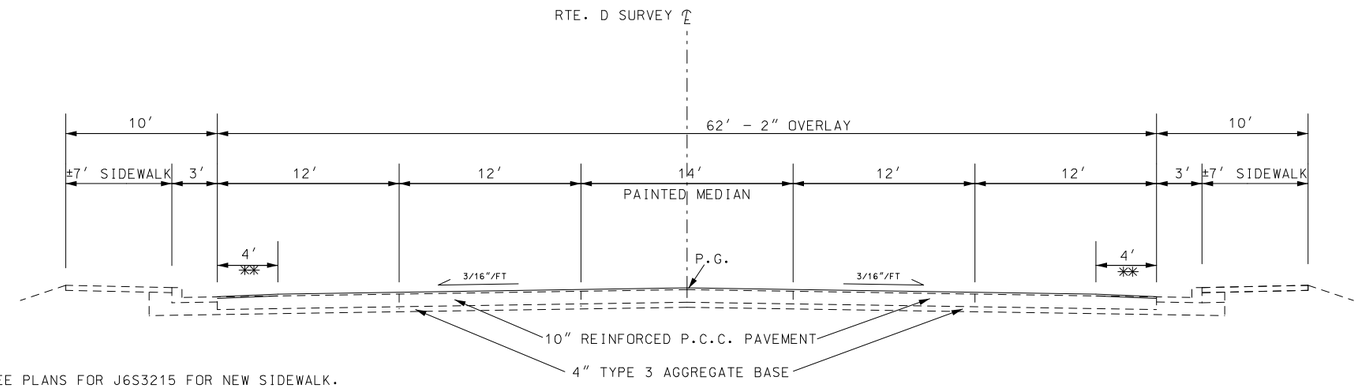
TITLE SHEET

✳✳ INDICATES 4′ MODIFIED COLDMILLING WIDTH.
CROSS SLOPE TO TRANSITION FROM OVERLAY
TO SLOPE OF NEW GUTTER.
EST. SLOPE OF TRANSITION = 3.65%
MILL DEPTH RANGES FROM 0″ TO 1.75″

ASPHALT FOR CONCRETE OVERLAY:
2″ SP125CLP w/ PG 76-22
FOR TACK COAT, USE MODIFIED BONDED
ASPHALTIC CONC. PAVEMENT (SEE JSPs)



TYPICAL SECTION
ROUTE D
NEAR TRRA RAILROAD (BR. A3885)
STA. 244+99.2 TO STA. 250+70.1 LT.
STA. 246+97.8 TO 249+19.2 RT.



NOTE: SEE PLANS FOR J6S3215 FOR NEW SIDEWALK.

NOTE: SEE PLANS FOR J6S3215 FOR NEW SIDEWALK.

DISCLAIMER
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TYPICAL SECTION
ROUTE D
NEAR TRRA RAILROAD (BR. A3885)
STA. 244+96.1 TO STA. 244+99.2 (LT. SIDE)
STA. 250+70.1 TO STA. 255+96.9 (LT. SIDE)
STA. 244+96.1 TO 246+97.8 (RT. SIDE)
STA. 249+19.2 TO STA. 255+96.9 (RT. SIDE)

✳ NOT TO SCALE ✳

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 2:15:20 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3592

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)

TYPICALS SHEET
SHEET 1 OF 1

DISCLAIMER
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CLEARING & GRUBBING & LITTER REMOVAL

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOCATION	WIDTH	LENGTH	AREA SF	CLEARING & GRUBBING AC.	LITTER REMOVAL & DISPOSAL (CONTRACTOR PERFORMED) AC.	REMARKS
5	RTE. D	A38851	–	–	NORTH SIDE	5	56	280	0.01		NE CORNER
5	RTE. D	A38851	–	–	SOUTH SIDE	5	50	250	0.01		SW CORNER
8	RTE. D	A53281	145+76.8	150+49.5	NORTH SIDE	10	472.7	4727	0.11		
8	RTE. D	A53281	146+19.8	153+22.3	SOUTH SIDE	10	702.5	7025	0.16		
8	RTE. D	A53281	150+49.5	153+23.6	NORTH SIDE	10	274.1	2741		0.06	
4	RTE. D	A71091	–	–	SE CORNER	–	–	660		0.02	
								SUBTOTAL	0.29	0.08	
								PAY TOTALS	1	0.1	

CONTRACTOR FURNISHED SURVEYING

PAY TOTAL	1 LUMP SUM

LUMP SUM TEMPORARY TRAFFIC CONTROL

PAY TOTAL	1 LUMP SUM

MOBILIZATION

PAY TOTAL	1 LUMP SUM

REMOVAL OF IMPROVEMENTS

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOCATION	DESCRIPTION OF REMOVAL
4	RTE. D	A71091	171+46.3	173+11.7	NW QUAD	206 L.F. OF GUARDRAIL (INCLUDES BAS, GUARDRAIL & CWET)
4	RTE. D	A71091	172+74.7	173+11.7	NW QUAD	37 L.F. OF CURB UNDER NEW BAS (REPLACE 6" WITH 4" CURB)
4	RTE. D	A71091	174+49.2	175+72.9	NE QUAD	120 L.F. OF GUARDRAIL (INCLUDES BAS, GUARDRAIL & CWET)
4	RTE. D	A71091	174+49.2	174+86.2	NE QUAD	37 L.F. OF CURB UNDER NEW BAS (REPLACE 6" WITH 4" CURB)
4	RTE. D	A71091	174+31.2	175+63.7	SW QUAD	105 L.F. OF GUARDRAIL (INCLUDES BAS, GUARDRAIL & CWET) & 3' OF BARRIER
4	RTE. D	A71091	172+45.0	172+94.4	SW QUAD	50 L.F. OF SAWCUTS FOR NEW PAVEMENT & BARRIER
4	RTE. D	A71091	172+03.3	172+94.4	SE QUAD	132 L.F. OF GUARDRAIL (INCLUDES BAS, GUARDRAIL & CWET) & 3' OF BARRIER
4	RTE. D	A71091	172+45.0	172+82.0	SE QUAD	37 L.F. OF CURB UNDER NEW BAS (REPLACE 6" WITH 4" CURB)
4	RTE. D	A71091	174+83.4	–	NE QUAD	EST. 10 L.F. OF DRAIN BASIN (12" CMP) PIPE
5	RTE. D	A38851	244+99.2	250+79.3	LT.	594 L.F. OF SAWCUTS FOR PAVEMENT
5	RTE. D	A38851	244+99.2	250+79.3	LT.	571 L.F. OF CONC. BARRIER
5	RTE. D	A38851	244+99.2	250+79.3	LT.	644.6 S.Y. OF PAVEMENT/GUTTER/CURB/SIDEWALK
5	RTE. D	A38851	246+97.8	249+19.2	RT.	231 L.F. OF SAWCUTS FOR PAVEMENT
5	RTE. D	A38851	246+97.8	249+19.2	RT.	222 L.F. OF CONC. BARRIER
5	RTE. D	A38851	246+97.8	249+19.2	RT.	246 S.Y. OF PAVEMENT/GUTTER/CURB/SIDEWALK
8	RTE. D	A53281	–	–	SW QUAD	2.8 S.Y. OF SIDEWALK – WEST APPROACH
8	RTE. D	A53281	–	–	SW QUAD	2.8 S.Y. OF SIDEWALK – WEST APPROACH
8	RTE. D	A53281	–	–	SW QUAD	20 L.F. OF SAWCUTS FOR SIDEWALK REMOVAL
8	RTE. D	A53281	–	–	SW QUAD	20 L.F. OF SAWCUTS FOR SIDEWALK REMOVAL
8	RTE. D	A53281			NE QUAD	10 L.F. OF FENCE AT NE CORNER NEAR AMEREN ENTRANCE ON CONC. BARRIER
					PAY TOTAL	1 LUMP SUM

UTILITY MANHOLES

PLAN SHEET NO.	ROADWAY	STATION	LOCATION	ADJUSTING MANHOLES VALVES & PULL BOXES EACH	REMARKS
5	RTE. D	245+67.4	RT.	1	SANITARY
5	RTE. D	250+90.9	LT.	1	WATER VALVE
5	RTE. D	250+94.0	LT.	1	WATER VALVE
6	RTE. D	255+95.8	LT.	1	GAS VALVE
			PAY TOTAL	4	

ASPHALT PERFORMANCE TESTING REPORTING

PAY TOTAL	1 LUMP SUM

ASPHALT OVERLAY

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	LENGTH FT.	WIDTH FT.	AREA S.F	COLDMILLING BIT. PVMT FOR REMOVAL OF SURFACING 3" THICK OR LESS S.Y.	MODIFIED COLDMILLING (DEPTH TRANSITIONS) S.Y.	MODIFIED BONDED ASPHALTIC CONC. PAVEMENT (0.2 GAL/SY) GAL.	ASPHALTIC CONC. MIX. PG 76-22 SP125CLP MIX (2 TONS/CY) TONS	REMARKS
5 & 6	RTE. D	244+96.1	255+96.9	LT.	1100.8	4	4403.2		489.2			
5 & 6	RTE. D	244+96.1	255+96.9	RT.	1100.8	4	4403.2		489.2			
5 & 6	RTE. D	244+96.1	255+96.9	LT. & RT.	1100.8	VARIES	67329.9			1496.2	831.23	MILL/FILL 2"
8	RTE. D	150+50.0	150+75.0	LT. & RT.	25	60	1500	166.7		33.3	18.52	MILL/FILL 2"
							SUBTOTALS	166.7	978.4	1529.5	849.75	
							PAY TOTALS	167	979	1530	849.8	

NOTE: HIGH STEEL IS EXPECTED TO BE HIT DURING MODIFIED COLDMILLING – DEPTH TRANSITIONS NEAR BRIDGE A38851 – NO ADDITIONAL PAY FOR CUTTING HIGH STEEL AS PART OF THIS MILLING OPERATION.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 2:15:41 PM
LISA LYNN KUNTZ - CIVIL
NO-PE-2004017202

DATE PREPARED
8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3592

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)

QUANTITY SHEET
1 OF 5

DISCLAIMER

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EARTHWORK

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	WIDTH FT.	DEPTH FT.	EMBANKMENT IN PLACE C.Y.	REMARKS
5	RTE. D	A38851	244+99.2	250+70.1	LT.	570.9	1.50	0.50	15.9	REPLACE C&G AND BARRIER
5	RTE. D	A38851	246+97.8	249+19.2	RT.	221.4	1.50	0.50	6.2	REPLACE C&G AND BARRIER
								PAY TOTAL	22	

NOTE: EMBANKMENT IN PLACE NEEDED FOR FILLING IN AREA AFTER OLD C&G AND BARRIER ARE REMOVED PRIOR TO NEW INSTALLATION OF BARRIER OR C&G.

CONCRETE PAVEMENT & BASE

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	TYPE 'C' BARRIER (USE STD. PLAN 617.10M, 4 OF 11) L.F.	TYPE 'C' BARRIER HT. TRANSITION (USE SPECIAL SHEET) L.F.	30" PEDESTRIAN FENCE (STRUCTURES) L.F.	MODIFIED TYPE 'B' BARRIER (USE STD. PLAN 617.10M, 3 OF 11) L.F.	MODIFIED TYPE 'B' BARRIER HT. TRANSITION (USE SPECIAL SHEET) L.F.	REMARKS
4	RTE. D	A71091	172+24.3	172+94.4	SE QUAD	73				53	20	
5	RTE. D	A38851	245+58.5	250+65.6	LT.	507.1	451.1	28	72			
5	RTE. D	A38851	246+97.8	248+68.3	RT.	170.5	114.5	56	64			
						SUBTOTALS	565.6	84.0	136.0	53.0	20.0	
						PAY TOTALS	566	84	136	53	20	

NOTE: CONTRACTOR SHALL USE 2 DOWELS FOR BARRIER.

SLAB JACKING & FLOWABLE FILL

PLAN SHEET NO.	ROADWAY	BRIDGE #	LOCATION	SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE LBS.	FLOWABLE BACKFILL C.Y.	REMARKS
4	RTE. D	A71091	TBD	3000		
7	RTE. D	B03881	TBD		5.0	TO BE DETERMINED BY THE ENGINEER.
8	RTE. D	A53281	TBD	3000		
			SUBTOTALS	6000	5.0	
			PAY TOTALS	6000	5	

NOTE: THE CONTRACTOR SHALL NOT USE FLOWABLE FILL TO LIFT AN APPROACH SLAB.

CONCRETE BARRIER REPAIRS

PLAN SHEET NO.	ROADWAY	BRIDGE #	LOC.	SUPERSTRUCTURE REPAIR (UNFORMED) S.F.	REMARKS
8	RTE. D	A53281	NE QUAD.	4.0	REPAIR BACK & FRONT OF BARRIER EST. AREA = 2' x 0.5' & 3' x 1'
			PAY TOTAL	4	

NOTE: CONCRETE BARRIER REPAIRS SHALL BE PAID FOR AS SUPERSTRUCTURE REPAIR (UNFORMED).

MoDOT ITS ASSETS RELOCATION

PAY TOTAL	2000 L.F.

PAVEMENT, CONCRETE CURB & GUTTER

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	WIDTH FT.	7.5" NRPCCP S.Y.	TYPE 'B' CURB & GUTTER L.F.	4" TYPE 5 AGGR. BASE S.Y.	REMARKS
4	RTE. D	A71091	172+24.3	172+94.4	SE QUAD	73	1.75	14.19		14.2	
5	RTE. D	A38851	244+99.2	250+70.1	LT.	570.9	3.00		570.9	190.3	
5	RTE. D	A38851	246+97.8	249+19.2	RT.	221.4	3.00		221.4	73.8	
							SUBTOTALS	14.19	792.3	278.3	
							PAY TOTALS	**	793	**	

NOTE: ** INDICATES SEE SIDEWALK TABULATION FOR FINAL PAY TOTAL

DRAINAGE

PLAN SHEET NO.	CULVERT SECTION SHEET NO.	ROADWAY	STATION	DRAINAGE ID#	TYPE 'A' COLLAR EACH	12" GROUP 'C' FES EACH	REMARKS
4	17	RTE. D	174+81.7	1-2COL	1		
4	17	RTE. D	174+83.0	1-3FES		1	
				SUBTOTALS	1	1	
				PAY TOTALS	1	1	

NOTE: CL. 3 EXCAVATION FOR COLLAR/FES INCLUDED WITH PIPE.
NOTE: EXACT STA. TO BE DETERMINED BY THE ENGINEER BASED UPON END OF EXIST. PIPE & ITS ALIGNMENT.

DRAINAGE (PIPE)

PLAN SHEET NO.	CULVERT SECTION SHEET NO.	ROADWAY	FROM DRAINAGE ID#	TO DRAINAGE ID#	12" GROUP 'C' PIPE L.F.	CL. 3 EXCAVATION C.Y.	ROCK LINING C.Y.	REMARKS
4	17	RTE. D	1-2COL	1-3FES	10	2.0	1.9	SEE NOTE BELOW
				SUBTOTALS	10	2.0	1.9	
				PAY TOTALS	10	2	2	

NOTE: ESTIMATED SCOUR HOLE @ 1-3FES TO BE FILLED BY CONTRACTOR AS PART OF ROCK LINING- EST. VOLUME = 4'x3'x1'

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/18/2023 9:49:14 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3592
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)

QUANTITY SHEET
2 OF 5

SIDEWALK & BASE

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	WIDTH FT.	4" SIDEWALK S.Y.	7.5" NRPCCP S.Y.	4" TYPE 5 AGGR. BASE S.Y.	ADA CURB RAMP	SIDEWALK GRINDING S.Y.	LINEAR GRADING CLASS 2, MODIFIED STA.	TURF TYPE TALL FESCUE SODDING (S.Y.)	REMARKS
5	RTE. D	A38851	244+99.2	245+58.5	NORTH SIDE	59.3	5.00	32.94		32.9			0.6	1.0	
5	RTE. D	A38851	245+58.5	250+55.6	NORTH SIDE	497.1	7.00		386.63	386.6			5.0	110.5	
5	RTE. D	A38851	250+55.6	250+65.6	NORTH SIDE	10.0	7.00	7.78		7.8			0.1	2.2	
5	RTE. D	A38851	250+65.6	ENT.	NORTH SIDE	-	7.00			4.0	1				INSTALL LARGE PERPENDICULAR ADA RAMP
5	RTE. D	A38851	246+97.8	248+68.3	SOUTH SIDE	170.5	7.00		132.61	132.6			1.7	24.6	
5	RTE. D	A38851	248+68.3	249+19.2	SOUTH SIDE	50.9	7.00	39.59		39.6			0.5	11.3	
7	RTE. D	B03881	282+49.0	282+79.1	SOUTH SIDE	30	14	-		-		46.7			GRIND ENTIRE SOUTH SIDE WALKWAY ON BRIDGE
8	RTE. D	A53281	-	-	SOUTH SIDE	5	5	2.78		2.8					AT BRIDGE APPROACH
8	RTE. D	A53281	-	-	SOUTH SIDE	5	5	2.78		2.8					AT BRIDGE APPROACH
8	RTE. D	A53281	VAR.	VAR.	2	10	5	-		-		11.1			LOCATIONS TBD BY THE ENGINEER
							SUBTOTALS	85.87	519.24	609.1	1	57.80	7.90	149.6	
							SUBTOTALS - PAVEMENT	0	14.19	278.3	0	0	0	0	
							PAY TOTALS	85.9	533.4	888	1	57.8	7.9	150	

NOTE: SIDEWALK GRINDING FOR B03881 SHALL BE COMPLETED BEFORE INSTALLATION OF EPO OVERLAY.
NOTE: SIDEWALK TO BE INSTALLED ON BRIDGE B03881 (NORTH SIDE OF RTE. D) AS PART OF FUTURE PROJECT J6S3215B.
NOTE: SOD 2' BEHIND SIDEWALK OUTSIDE OF BRIDGE LIMITS.
NOTE: 7.5" NRPCCP IS BEING USED AS SIDEWALK FOR BARRIER TO BE INSTALLED ON TOP - CROSS SLOPE SHALL BE HELD @ NO GREATER THAN 2% TO MEET ADA REQUIREMENTS.

PAVEMENT REPAIRS

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOC.	LANE# IN DIRECTION OF TRAVEL	# OF LOCATIONS	LENGTH FT.	WIDTH FT.	REMOVAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR S.Y.	FURNISHING & PLACING BIT. MATERIAL FOR CLASS B PARTIAL DEPTH PAVEMENT REPAIR TON	FURNISHING & PLACING CONC. MATERIAL FOR FULL DEPTH PVMT. REPAIR S.Y.	SUBGRADE COMPACTION (6 IN. DEPTH) (PAVEMENT REPAIR) S.Y.	TYPE 1 OR 5 AGGR. FOR BASE (4" THICK) (PAVEMENT REPAIR) S.Y.	FULL DEPTH PVMT. REPAIR SAW CUT (FOR PERIMETER & INTERNAL SAW CUTS) S.Y.	DOWEL BAR (DRILLING, FURNISHING & INSTALLATION) FOR FULL DEPTH PVMT. REPAIR EA	DOWEL BAR (FURNISHING & INSTALLATION WITH BASKETS) FOR FULL DEPTH PVMT. REPAIR EA	TIE BAR (DRILLING, FURNISHING & INSTALLATION FOR FULL DEPTH PAVEMENT REPAIR (TYPE L JOINTS) EA	REMARKS
5	RTE. D	245+67.0	-	EB - WEST OF BR. A3885	2	2	2	2	0.89	0.1								
5	RTE. D	246+20.0	246+75.0	EB - WEST OF BR. A3885	1 & 2	3	1.5	24	12.00	2.0								
5	RTE. D	244+96.1	250+47.5	EB - LONG. JT.	1 & 2	1	551	1.5	91.83	15.3								
5	RTE. D	-	-	EB - WEST OF BR. A3885	1 & 2	1	60	24			160	160	160	348	48	72	23	
5	RTE. D	249+80.0	-	EB - WEST OF BR. A3885	1 & 2	1	6	24			16	16	16	78	48			
5	RTE. D	250+09.0	-	EB - WEST OF BR. A3885	2	1	6	12			8	8	8	42	24			
5	RTE. D	250+48.0		EB - AT QUENDO	1 & 2	1	2	24	5.33	0.9								
6	RTE. D	251+75.0	-	EB	1 & 2	1	6	24			16	16	16	78	48			
6	RTE. D	252+63.0	-	EB	1 & 2	1	6	24			16	16	16	78	48			
6	RTE. D	253+00.0	-	EB	1 & 2	1	6	24			16	16	16	78	48			
6	RTE. D	254+09.0	-	EB	1 & 2	2	1.5	24	8.00	1.3								
6	RTE. D	254+09.0	-	EB	1 & 2	2	2	2	0.89	0.1								
6	RTE. D	254+70.0	-	EB	1 & 2	1	6	24			16	16	16	78	48			
6	RTE. D	255+17.0	-	EB	1 & 2	1	2	24	5.33	0.9								
6	RTE. D	255+96.9	-	EB NEAR END OF CONC. SECTION	2	1	25	6			16.7	16.7	16.7	62	12			
5 & 6	RTE. D	253+13.2	255+96.9	EB - LONG. JT.	1 & 2	1	284	1.5	47.33	7.9								
5	RTE. D	246+75.0	-	WB - WEST OF BR. A3885	1, 2 & MEDIAN	1	1.5	36	6.00	1.0								
5	RTE. D	248+79.0	-	EB & WB NEAR BRIDGE	ALL LANES	1	6	60			40	40	40	186	120			
5	RTE. D	-	-	WB - WEST OF BR. A3885	1 & 2	1	20	24			53.3	53.3	53.3	148	48			
5	RTE. D	-	-	WB NEAR BRIDGE	1 & 2	1	20	24			53.3	53.3	53.3	148	48			
5	RTE. D	250+25.0	-	WB - EAST OF BR. A3885	1 & 2	1	6	24			16	16	16	78	48			
6	RTE. D	252+63.0	-	WB	1 & 2	2	2	2	0.89	0.1								
6	RTE. D	254+38.0	-	WB	2	1	6	12			8	8	8	42	24			
6	RTE. D	254+00.0	-	EB & WB	ALL LANES	1	1.5	60	10.00	1.7								
5 & 6	RTE. D	TBD	-	EB & WB	ALL LANES	2	6	12			8	8	8	42	24			
5 & 6	RTE. D	TBD	-	EB & WB	ALL LANES	6	2	2	2.67	0.4								
								SUBTOTALS	191.16	31.70	443.3	443.3	443.3	1486	636	72	23	
								PAY TOTALS	191.2	31.7	443.3	444	444	1486	636	72	23	

NOTE: ALL STATIONS ARE APPROXIMATIONS AND MAY VARY FROM FIELD CONDITIONS.
NOTE: DEPTH OF PARTIAL REPAIRS ESTIMATED @ 3 INCHES

GUARDRAIL

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	MGS GUARDRAIL L.F.	MGS GUARDRAIL 8' POSTS L.F.	TYPE A CWET (MASH) EA	BRIDGE ANCHOR SECTIONS EA	END ANCHOR EA	SHAPING SLOPES, CL. III MOD. MATERIAL REQUIREMENT 100 FT.	TYPE 'S' CURB L.F.	REMARKS
4	RTE. D	A71091	174+88.6	176+46.0	NE QUAD	50	100	1	1	0	1	37	
4	RTE. D	A71091	174+70.6	175+56.2	SE QUAD	87.5	0	0	1	1	0	37	
4	RTE. D	A71091	171+55.3	172+72.4	NW QUAD	162.5	0	0	1	1	0	42	
4	RTE. D	A71091	172+24.3	172+94.4	SW QUAD	0	0	0	0	0	0	0	REPLACE GR W/ BARRIER
5	RTE. D	A38851	244+96.1	245+21.1	NW QUAD	25	0	0	1	0	0	0	TIE INTO GUARDRAIL FOR J6S3215
8	RTE. D	A53281	153+15.2	153+22.8	NE QUAD	0	0	0	0	0	0	9	
					PAY TOTALS	325	100	1	4	2	1	125	

NOTE: ALL GUARDRAIL FOR MASH CWETs AS PAID FOR WITH MODIFIED SHAPING SLOPES - CLASS III, SHALL USE ALTERNATE GRADING LIMITS AS SHOWN IN THE STD. PLANS.
NOTE: STATIONS FOR GUARDRAIL IS FOR GUARDRAIL ONLY AND NOT FOR BAS(s), CWETs OR END ANCHORS.
NOTE: 6" CURB SHALL BE REPLACED WITH 4" CURB UNDER NEW BAS (BRIDGE ANCHOR SECTION).
NOTE: NEW CURB MAY BE TYPE 'S' CURB OR MAY BE DOWELED INTO EXIST. CONC. PAVEMENT USING 12" DOWELS.

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STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 2:15:57 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
8/28/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

QUANTITY SHEET
3 OF 5

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TEMPORARY EROSION CONTROL

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	SILT FENCE L.F.	REMARKS
5	RTE. D	A38851	244+99.2	250+65.6	LT.	566.4	511.40	
5	RTE. D	A38851	246+97.8	249+19.2	RT.	221.4	161.40	
						SUBTOTAL	672.8	
						PAY TOTAL	673	

TEMPORARY PAVEMENT MARKING PAINT

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS			REMARKS
							4" S.W L.F.	4" I.W L.F.	4" S.Y L.F.	
5 & 6	RTE. D	A38851	244+96.1	255+96.9	LT. & RT.	1100.8	2201.6	550.4	3157	
						SUBTOTAL	5909			
						PAY TOTAL	1 LUMP SUM			

NOTE: SEE JSP FOR ADDITIONAL DETAILS - ONLY APPLIES TO RESURFACING AREAS.

PAVEMENT MARKINGS

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	LENGTH FT.	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE 'L' BEADS			REMARKS
							6" S.W L.F.	6" I.W L.F.	4" S.Y L.F.	
4	RTE. D	A71091	172+44.7	174+98.3	LT. & RT.	253.6	507.2	126.8	784.4	
5 & 6	RTE. D	A38851	244+96.1	255+96.9	LT. & RT.	1100.8	2201.6	550.4	3157	
8	RTE. D	A53281	144+37.8	150+76.0	LT. & RT.	638.2	1276.4	319.1	1436.4	
N/A	RTE. D	A38851	244+99.2	250+78.9	LT. & RT.	1718	1718		3436	STAGE 1 CONSTRUCTION (WB)
N/A	RTE. D	A38851	246+97.8	249+19.2	LT. & RT.	1359	1359		2718	STAGE 2 CONSTRUCTION (EB)
N/A	RTE. D	A38851	244+99.2	250+78.9	LT. & RT.	1718	3436	1718	8590	RESTRIPE AFTER ST. 2 (IF NECESSARY BEFORE RESURFACING)
						SUBTOTALS	10498.2	2714.3	20121.8	
						PAY TOTALS	13213		20122	

NOTE: ALL PAVEMENT MARKING INVOLVING BRIDGE B0388 SHALL BE THERMOPLASTIC.
NOTE: THE FOLLOWING WERE USED TO CALC. LENGTH DURING STAGING: STATION TO STATION, T2 = 245', B = 280' (SEE SHEET #12 FOR MORE DETAILS)

PAVEMENT MARKING - THERMOPLASTIC

PLAN SHEET NO.	ROADWAY	BRIDGE #	STA.	STA.	LOC.	PREFORMED THERMOPLASTIC PAVEMENT MARKING 4" YELLOW L.F.	PREFORMED THERMOPLASTIC PAVEMENT MARKING 6" WHITE L.F.	PREFORMED THERMOPLASTIC PAVEMENT MARKING LT ARROW EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING RT ARROW EA	PREFORMED THERMOPLASTIC PAVEMENT MARKING WORD EA	PAVEMENT MARKING REMOVAL (SYMBOLS) EA	REMARKS
4	RTE. D	A71091	172+44.7	174+98.3	MEDIAN		101	3			3	
5 & 6	RTE. D	A38851	244+96.1	255+96.9	MEDIAN			3			3	
7	RTE. D	B03881	281+90.0	282+94.0	RT.				4	2	6	WORD = ONLY
7	RTE. D	B03881	282+41.2	282+71.3	LT. & RT.	60.2	127.9					
					SUBTOTALS	60.2	228.9	6	4	2	12	
					PAY TOTALS	60	229	10		2	12	

NOTE: IF EPO SELECTED BY THE CONTRACTOR IS OF GRAYISH COLOR, CONTRACTOR SHALL USE 1.5" BLACK CONTRAST STRIPING AROUND EACH ARROW/SYMBOL.

TEMPORARY TRAFFIC CONTROL BARRIER & TUBULAR MARKERS

PLAN SHEET NO.	ROADWAY	BRIDGE	STAGE	STA.	STA.	LOC.	LENGTH FT.	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED L.F.	TEMPORARY TRAFFIC BARRIER HEIGHT TRANSITION EA	TUBULAR MARKER EA	REMARKS
4	RTE. D	A38851	1	244+99.2	250+70.1	LT.	570.9	575	2	29	USE 8:1 FLARE ON EITHER END OF TEMP. BARRIER FOR HT. TRANSITION
5	RTE. D	A38851	2	246+97.8	249+19.2	RT.	221.4	225	2	11	USE 8:1 FLARE ON EITHER END OF TEMP. BARRIER FOR HT. TRANSITION
8	RTE. D	A53281	N/A	-	-	RT.		100	1		
5	RTE. D	A71091	N/A	-	-	RT.	-	50	1		AFTER GUARDRAIL IS REMOVED IN SW CORNER
							TOTALS	950	6	40	

NOTE: SEE TRAFFIC CONTROL QTY SHEETS (2BS) ON JOB J6S3215 FOR OTHER TCP QUANTITIES.
NOTE: ALL ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION.
NOTE: FOR BRIDGE A38851, CONTRACTOR SHALL ONLY WORK ON 1 DIRECTION AT AT TIME.
NOTE: SPACE TUBULAR MARKERS @ 20' SPACING
NOTE: SEE QTY. SHEET 5 OF 5 FOR FINAL PAY TOTALS FOR TEMP. TRAFFIC CONTROL ITEMS.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 3:16:11 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 8/25/2023
ROUTE: D | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3592
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)

QUANTITY SHEET
4 OF 5

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								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00						BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00	1	16			15	MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00	1	16			15	MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25	2	12.5			44	ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	8	128			2	ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00						ONE LANE ROAD AHEAD
W020-5	48X48	16.00	4	64			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	4	64			6	RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00						SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19	2	4.4				WET PAINT (ARROW PIVOTS)

NOTE: SIGN & DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

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
G020-1	60X24	10.00						ROAD WORK NEXT XX MILES
G020-2	48X24	8.00	2	16			26	END ROAD WORK
G020-4	36X18	4.50						PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00						WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	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	6	12				SIDEWALK CLOSED
R9-11L	24X18	3.00	6	18				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	6	18				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	4	32				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	4	48				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	449

616-10.10 RELOCATED SIGNS	TOTAL
	*

* NOTE: NO DIRECT PAYMENT SHALL BE MADE TO RELOCATE OR COVER/UNCOVER EXISTING OR TCP SIGNS OR TO RELOCATE OTHER TCP DEVICES.

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	3**	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	8	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	200	CHANNELIZER (TRIM LINE)
6161030	10	TYPE III MOVEABLE BARRICADE
6161033	80	DIRECTION INDICATOR BARRICADE
6161040	5	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070	40**	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	950**	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A	6**	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		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
6169902	5**	NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN CONTRACTOR FURNISHED/RETAINED

NOTE: CMS LOCATIONS TO BE APPROVED BY THE ENGINEER.

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** INDICATES ITEM NOT INCLUDED IN TEMP. TRAFFIC CONROL LUMP SUM BID ITEM.

NOTE: QUANTITIES PROVIDED ARE SETUP FOR 1 DIRECTION FOR EACH BRIDGE AT THE SAME TIME. IF THE CONTRACTOR CHOOSES TO SETUP TRAFFIC CONTROL DIFFERENTLY, THEN THOSE ADDITIONAL QUANTITIES SHALL BE PAID AT THE EXPENSE OF THE CONTRACTOR.

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, LUMP SUM TEMPORARY TRAFFIC CONTROL, UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/18/2023 9:50:18 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3592
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)

QUANTITY SHEETS
TRAFFIC CONTROL
SHEET 5 OF 5

BRIDGE A71091 REHAB NOTES:
APPLY EPO (EPOXY POLYMER OVERLAY) TO BRIDGE DECK.
MAKE HALF SOLE REPAIRS ON BRIDGE DECK.
INSTALL OPEN CELL FOAM AT APPROACH SLAB/ROADWAY E-JOINT.
SILICONE SEAL JOINTS AT WINGWALLS.
POLYURETHANE SLABJACKING OF APPR. SLABS
SEE BRIDGE A71091 PLANS FOR ADDITIONAL REHAB DETAILS.

+55.3 OFFSET FROM EXIST.

EXIST. HORZ. CLEARANCE TO BASE (±45")

INSTALL NEW BRIDGE ANCHOR SECTION
162.5 L.F. OF MGS GUARDRAIL
NEW MGS END ANCHOR

(R) & REPLACE CURB UNDER
NEW BRIDGE ANCHOR SECTION

REHAB BRIDGE A71091

(R) 206 L.F. OF GUARDRAIL

(R) & REPLACE CURB UNDER
NEW BRIDGE ANCHOR SECTION

FILL SCOUR HOLE AT END OF EXIST. PIPE
(4' x 3' x 1')

1-3FES

1-2COL

INSTALL NEW BRIDGE ANCHOR SECTION
100 L.F. OF MGS (8' POSTS) GUARDRAIL
50 L.F. OF MGS GUARDRAIL
NEW TYPE 'A' CWET (MASH)

(R) 120 L.F. OF GUARDRAIL

POT STA 171+62.60

PC STA 175+28.05

EQUATION STA 175+38.1 BK = STA 175+38.5 AH

RTE. D (PAGE AVE) CONST. *

S 61° 00' 52" E

TRANSITION BARRIER @ 40:1
FROM EXIST. REMOVED BAS

(R) 132 L.F. OF GUARDRAIL

INSTALL 73 L.F. NEW TYPE 'B' BARRIER
(SEE QTY. SHEETS - LENGTH INCLUDES
HT. TRANSITION SECTION)

(R) 105 L.F. OF GUARDRAIL

PRIVATE ENTRANCE

TRRA (TERMINAL RR ASSOCIATION) TRACKS

CONTRACTOR TO REMOVE DEBRIS FROM SE CORNER

(R) & REPLACE CURB UNDER
NEW BRIDGE ANCHOR SECTION

INSTALL NEW BRIDGE ANCHOR SECTION
87.5 L.F. OF MGS GUARDRAIL
NEW MGS END ANCHOR

EXIST. HORZ. CLEARANCE TO POWER POLE (±76")

SANDBLASTING FACILITY RD.

EPO CONCRETE OVERLAY

CONCRETE CRACK FILLER

SCALE
0 20 40 60

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STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/18/2023 9:50:36 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

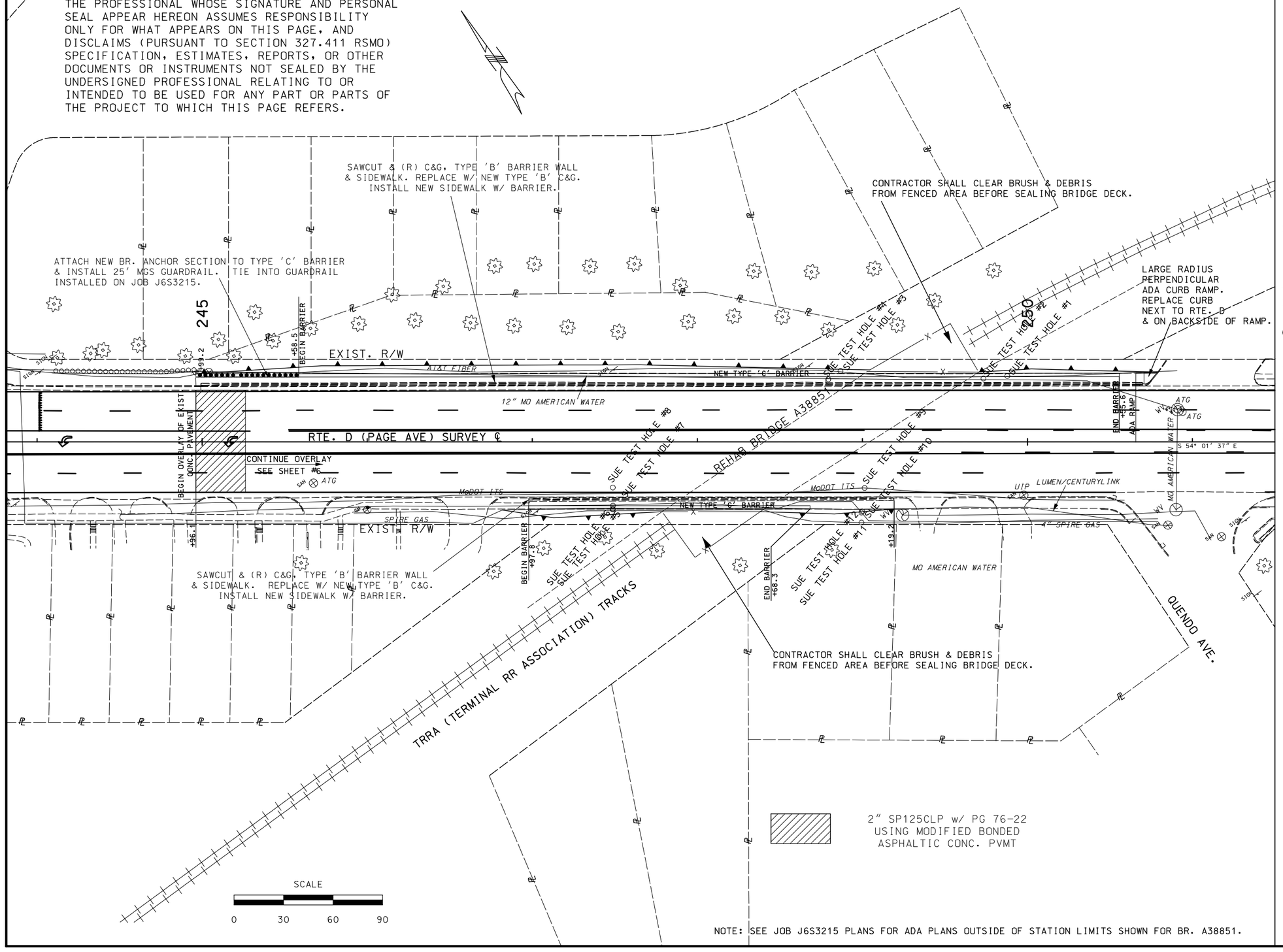
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CONSTRUCTION PLANS
BRIDGE A71091

BRIDGE A38851 REHAB NOTES:
MAKE PAVEMENT REPAIRS IN CONC. SECTION OVER BRIDGE A38851
OVERLAY CONCRETE PAVEMENT AS NOTED BELOW.
SEE BRIDGE A38851 PLANS FOR ADDITIONAL REHAB DETAILS.

NOTE: FOR EROSION CONTROL, CONTRACTOR TO PLACE SILT FENCE ON BACK SIDE OF SIDEWALK.

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NOTE: SEE JOB J6S3215 PLANS FOR ADA PLANS OUTSIDE OF STATION LIMITS SHOWN FOR BR. A38851.

MATCHLINE RTE. D SURVEY ℄ STA. 251+50.0

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
05/04/2023 2:16:21 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS
JOB NO.
J6S3592
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)

CONSTRUCTION PLANS
BRIDGE A38851

MATCHLINE RTE. D SURVEY ℄ STA. 251+50.0

RTE. D SURVEY ℄

255

CONTINUE OVERLAY
SEE SHEET #5

+89.9

LIMIT OF OVERLAY OF EXIST. PCC CONC. PAVEMENT

X

2" SP125CLP w/ PG 76-22
USING MODIFIED BONDED
ASPHALTIC CONC. PVMT

SCALE

0 30 60 90

DISCLAIMER

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STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER

09/04/2023 2:16:36 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

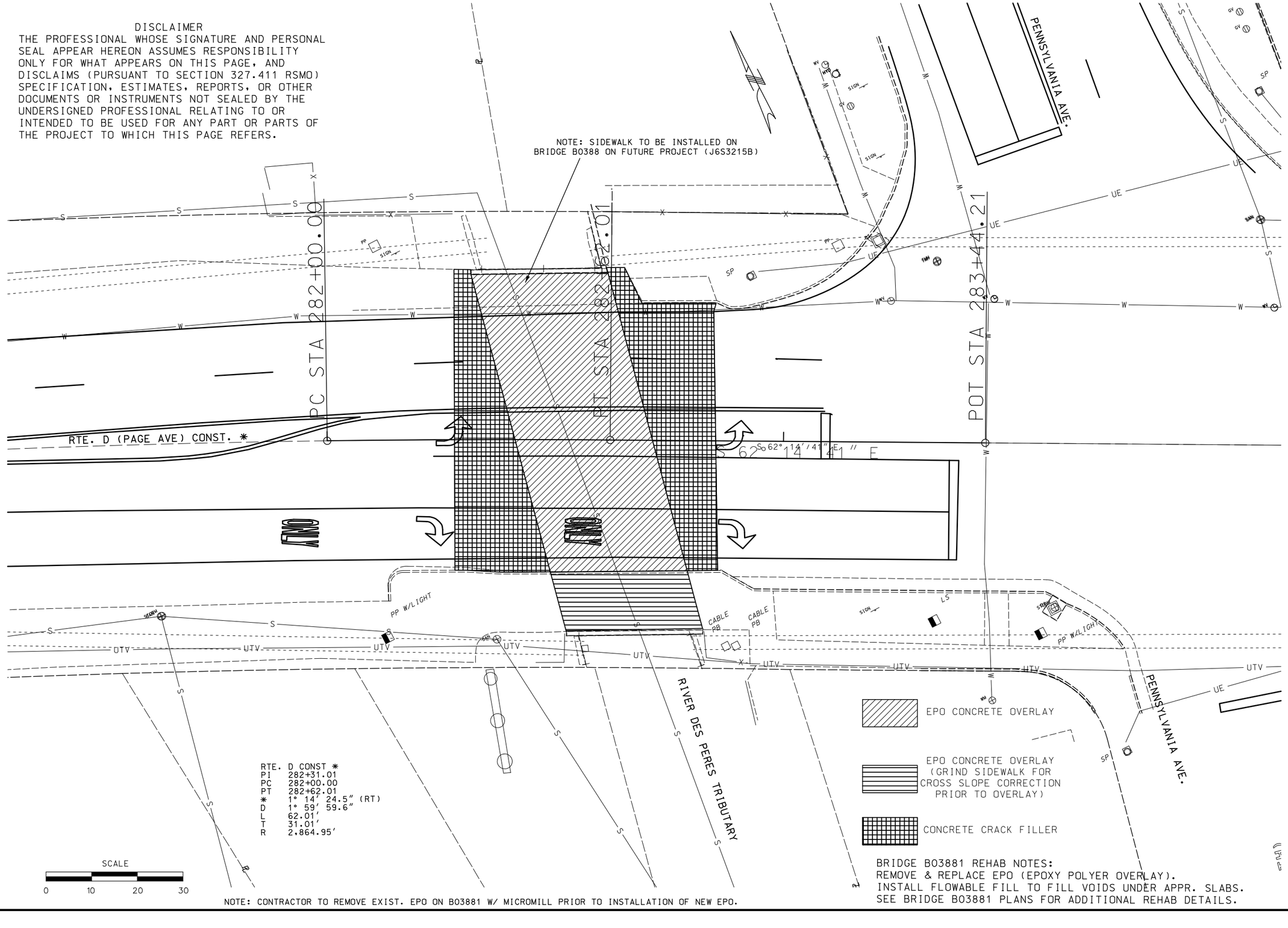
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CONSTRUCTION PLANS
BRIDGE A38851

DISCLAIMER

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RTE. D CONST *
PI 282+31.01
PC 282+00.00
PT 282+62.01
* 1° 14′ 24.5″ (RT)
D 1° 59′ 59.6″
L 62.01′
T 31.01′
R 2,864.95′

NOTE: CONTRACTOR TO REMOVE EXIST. EPO ON B03881 W/ MICROMILL PRIOR TO INSTALLATION OF NEW EPO.

BRIDGE B03881 REHAB NOTES:
REMOVE & REPLACE EPO (EPOXY POLYER OVERLAY).
INSTALL FLOWABLE FILL TO FILL VOIDS UNDER APPR. SLABS.
SEE BRIDGE B03881 PLANS FOR ADDITIONAL REHAB DETAILS.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 10:30:10 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS

JOB NO.
J6S3592

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)

CONSTRUCTION PLANS
BRIDGE B03881

BENT #2
MAKE 15 SF OF
UNFORMED REPAIRS
@ GROUNDLINE
OF COLUMN 3

BENT #6
MAKE 25 SF OF
UNFORMED REPAIRS
@ GROUNDLINE
OF COLUMNS 2 & 4

CLEARING & GRUBBING
ALONG NORTH SIDE OF BRIDGE
EAST OF METROLINK TRACKS

BENT #3
MAKE 25 SF OF
UNFORMED REPAIRS
@ GROUNDLINE
OF COLUMNS 1 & 4

(R) APPROX. 10 L.F. OF
EXIST. 72" FENCE ON BARRIER

(R) & DISPOSE OF DEBRIS
FROM BRIDGE ABUTMENT TO
AMEREN'S ENTRANCE

INSTALL NEW CURB (9 L.F.) @ END
OF BARRIER TRANSITION SECTION.

EXIST. R/W

REHAB BRIDGE A5328

RTE. D (PAGE AVE) CONST. *

EXIST. R/W

SUTTER AVE.

OGDEN AVE.

BENT #1
75 SF UNFORMED REPAIRS
ON MSE WALL PANELS

BENT #2

METROLINK TRACKS

TO WELLSTON STA. (0.28 MILES)

BENT #4
MAKE 15 SF OF
UNFORMED REPAIRS
@ GROUNDLINE
OF COLUMN 4

BENT #5
MAKE 25 SF OF
UNFORMED REPAIRS
@ GROUNDLINE
OF COLUMNS 1 & 4

CLEARING & GRUBBING
ALONG NORTH SIDE OF BRIDGE
EAST OF METROLINK TRACKS

BENT #7
50 SF UNFORMED REPAIRS
ON MSE WALL PANELS

NOTE: MODOT ITS FIBER ON EXTERNAL
CONDUIT - SOUTH SIDE (UIP)

MAKE 4 S.F. OF SUPERSTRUCTURE (UNFORMED)
REPAIRS ON EXIST. CONCRETE BARRIER (ROADWAY ITEM)

ENGLEHOLM CREEK

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SCALE
0 60 120 180

BRIDGE A53281 REHAB NOTES:
INSTALL EPO (EPOXY POLYER OVERLAY) ON BRIDGE DECK.
MAKE HALF SOLE REPAIRS TO THE BRIDGE DECK.
INSTALL OPEN CELL FOAM JOINT AT APPROACH SLAB/ROADWAY E-JOINT.
INSTALL URETHANE SLAB LIFTING.
MAKE BRIDGE BARRIER & FENCE SUPPORT REPAIRS.
MAKE SUBSTRUCTURE REPAIRS TO MSE WALL PANELS & BRIDGE COLUMNS
SEE BRIDGE A53281 PLANS FOR ADDITIONAL REHAB DETAILS.

2" SP125CLP w/ PG 76-22
USING MODIFIED BONDED
ASPHALTIC CONC. PVMT

EPO CONCRETE OVERLAY

CONCRETE CRACK SEALER

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 10:30:34 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

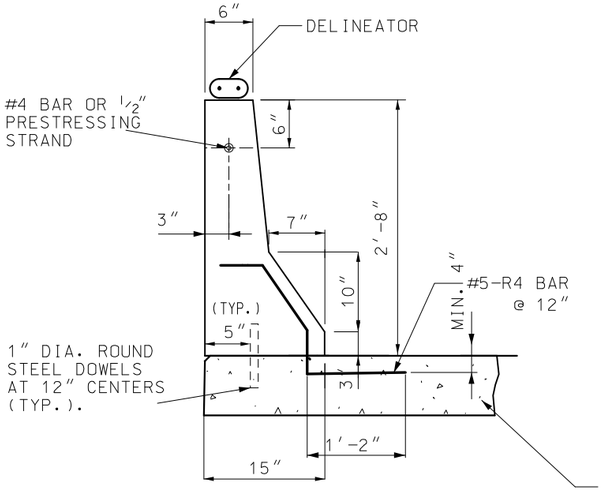
BRIDGE NO.

DESCRIPTION	DATE

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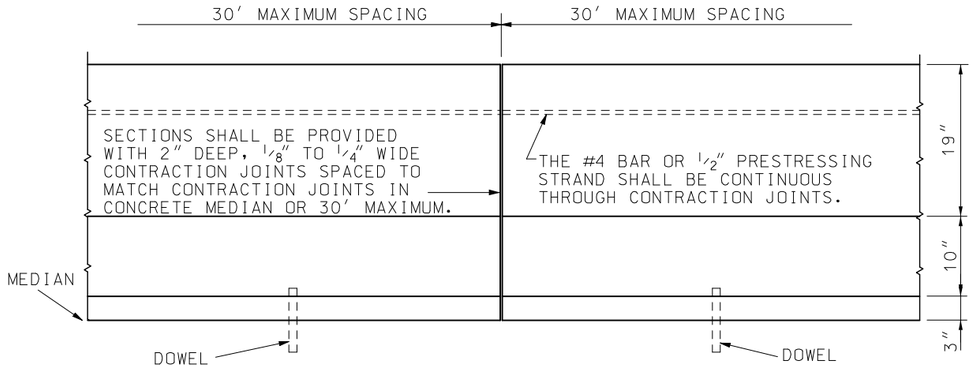
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CONSTRUCTION PLANS
BRIDGE A53281



TYPICAL VIEW
TYPE B – ONE TRAFFIC FACE

INSTALL NEW CONC. SLAB BELOW NEW BARRIER.
DEPTH SHALL MATCH EXIST. PAVEMENT.
MIN. THICKNESS SHALL BE 7.5″.
CONTRACTOR SHALL INSERT #5-R4 BAR
INTO ADJACENT PAVEMENT SLAB.



NOTE: SPACE DOWELS @ 12″ CENTERS.

GENERAL NOTES:

HEIGHT TRANSITIONS SHALL NOT BE USED IN LOCATIONS WHERE THE POSTED SPEED IS GREATER THAN 35 MPH.

ALL TOP AND END EDGES SHALL BE CHAMFERED 3/4 INCH.

EXPANSION JOINTS SHALL BE PROVIDED IN THE BARRIER TO MATCH EXPANSION JOINTS IN PAVEMENT.

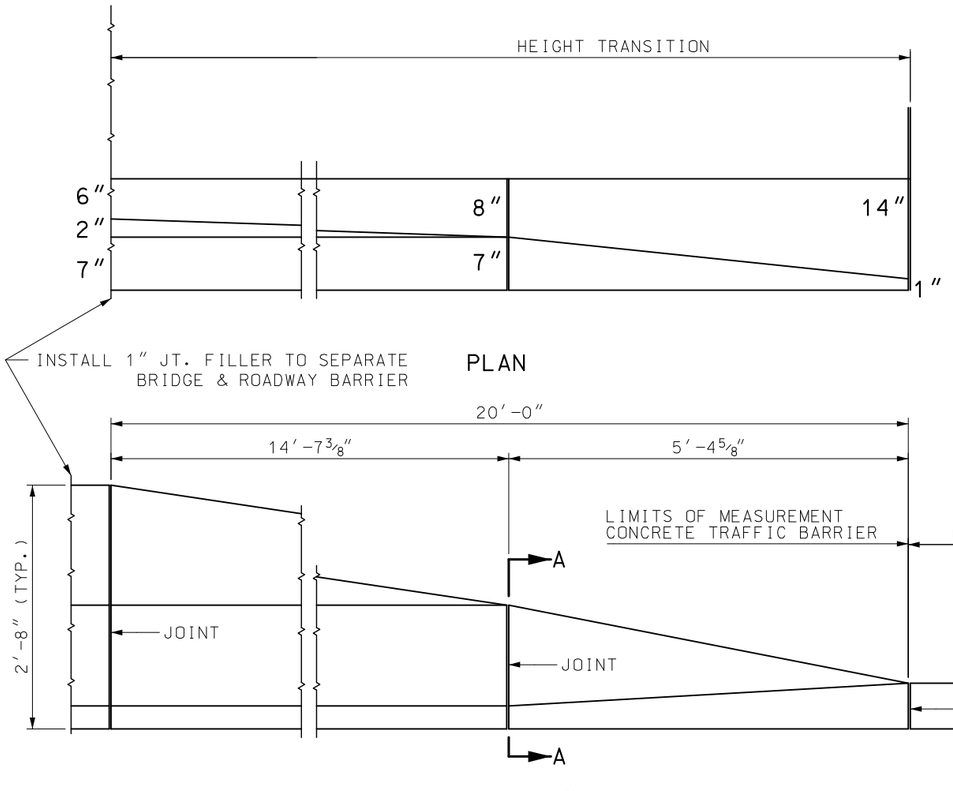
FOR CONCRETE TRAFFIC BARRIER DELINEATION DETAILS SEE STD PLAN 903.03.

#8 REINFORCING BARS WITH AN EPOXY ANCHOR SYSTEM MAY BE SUBSTITUTED FOR SMOOTH 1″ DIAMETER ROUND STEEL DOWELS.

MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1 1/2″, UNLESS OTHERWISE NOTED.

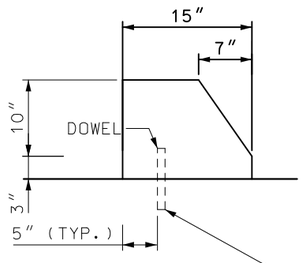
NO DIRECT PAYMENT WILL BE MADE FOR REINFORCING STEEL.

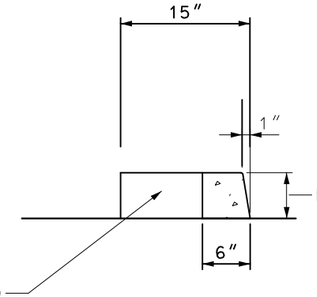
ALL REINFORCEMENT SHALL BE GRADE 60 EPOXY COATED.



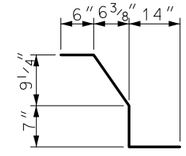
ELEVATION
BARRIER HEIGHT TRANSITION

SECTION A-A
(END #5-R4 BAR)





SECTION B-B



#5-R4

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PROFESSIONAL ENGINEER
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LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

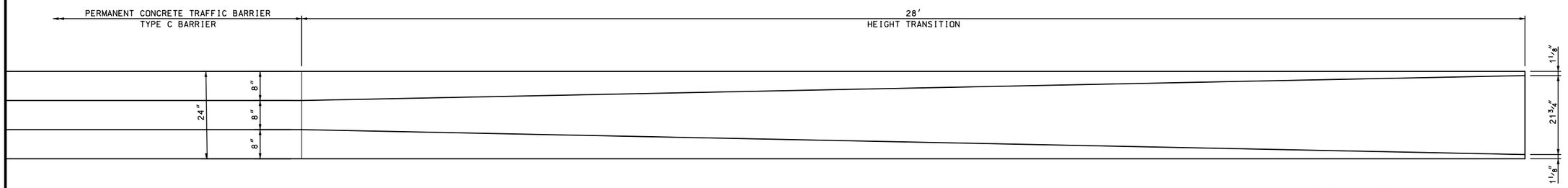
DATE

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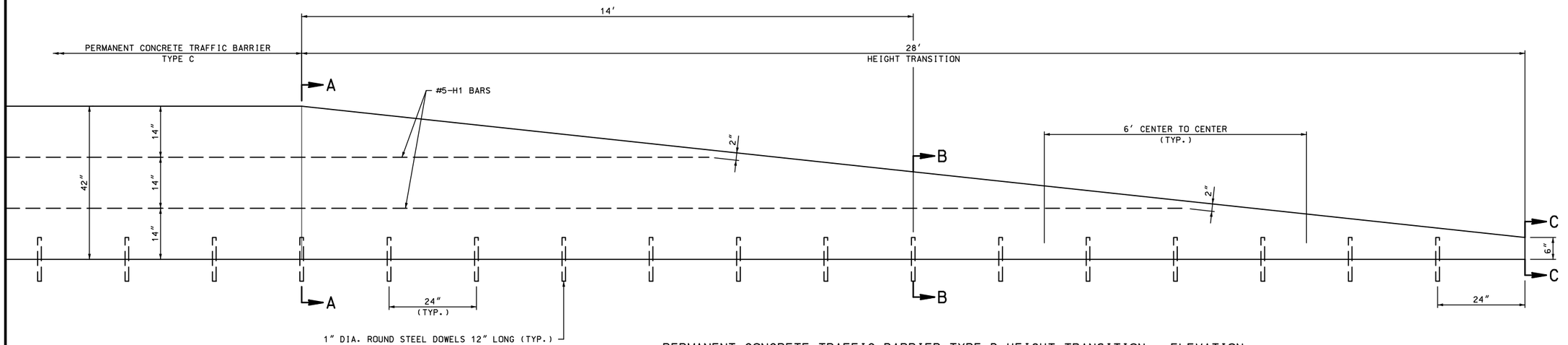
SPECIAL SHEET
CONCRETE TRAFFIC BARRIER, TYPE 'B' TRANSITION SECTION FOR BRIDGE A7109



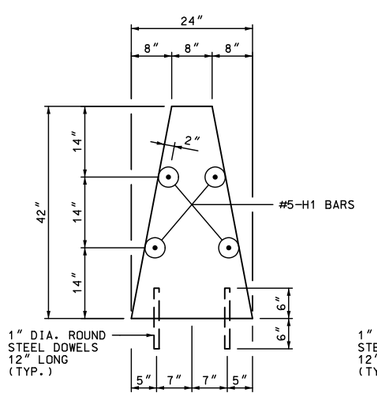
PERMANENT CONCRETE TRAFFIC BARRIER TYPE C HEIGHT TRANSITION – PLAN

DISCLAIMER

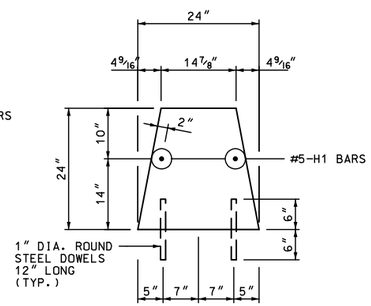
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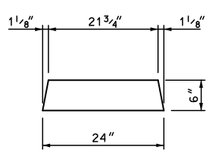
PERMANENT CONCRETE TRAFFIC BARRIER TYPE D HEIGHT TRANSITION – ELEVATION



SECTION A–A



SECTION B–B



SECTION C–C

NOTE: IF SIDEWALK IS ALONG THE BACKSIDE OF WIDE CURB AT SECTION C–C, THEN THAT FACE SHALL BE FLUSH WITH THE SIDEWALK.

NOTES:

PERMANENT CONCRETE TRAFFIC BARRIER TYPE C AND HEIGHT TRANSITION SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 617 OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND IN ACCORDANCE WITH MISSOURI STANDARD PLAN 617.10 EXCEPT AS MODIFIED BY THIS DRAWING.

PERMANENT CONCRETE TRAFFIC BARRIER, TYPE C (PERFORATED) HEIGHT TRANSITION TO BE PAID FOR AS CONCRETE TRAFFIC BARRIER, TYPE C (PERFORATED).

MIN. PAVEMENT THICKNESS UNDER BARRIER SHALL BE 7.5″ CONCRETE.

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DATE PREPARED
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D	MO
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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

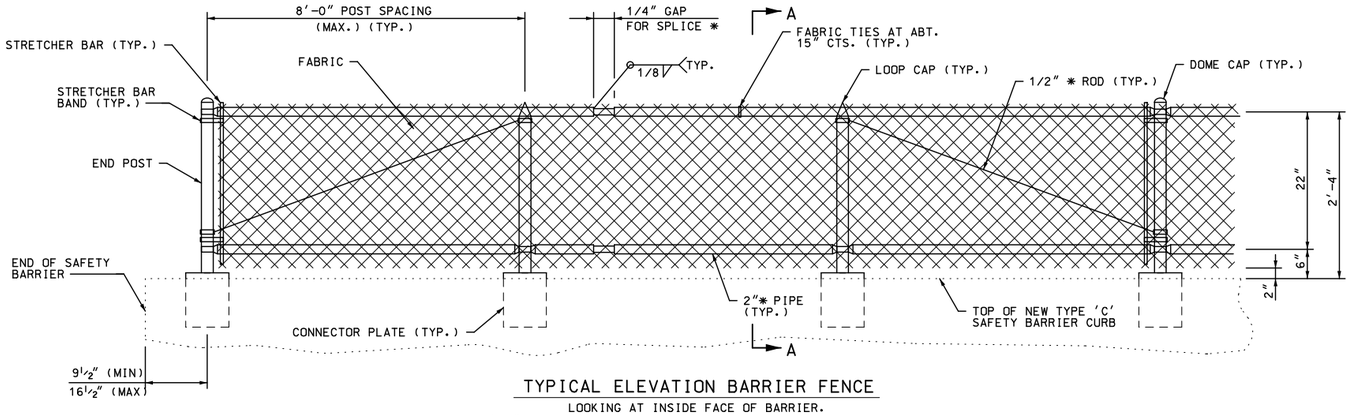
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SPECIAL SHEET
TYPE 'C' BARRIER TRANSITION

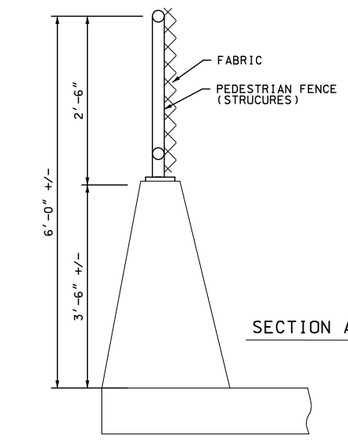
REV.



TYPICAL ELEVATION BARRIER FENCE

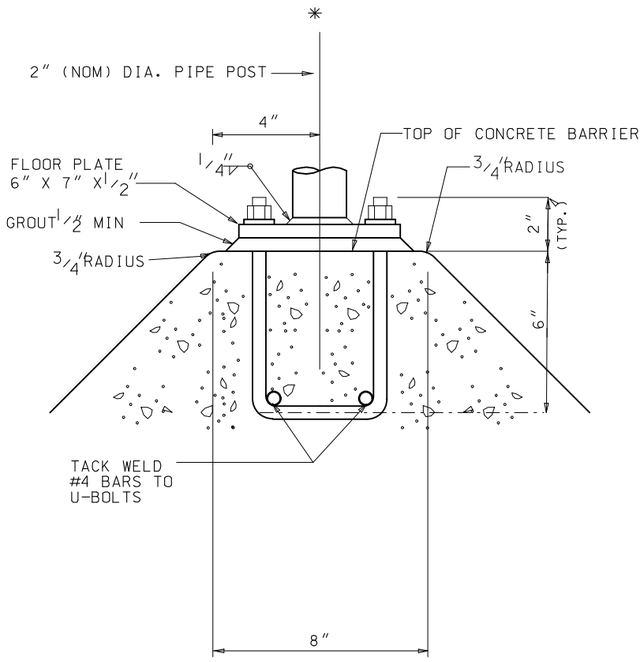
LOOKING AT INSIDE FACE OF BARRIER.

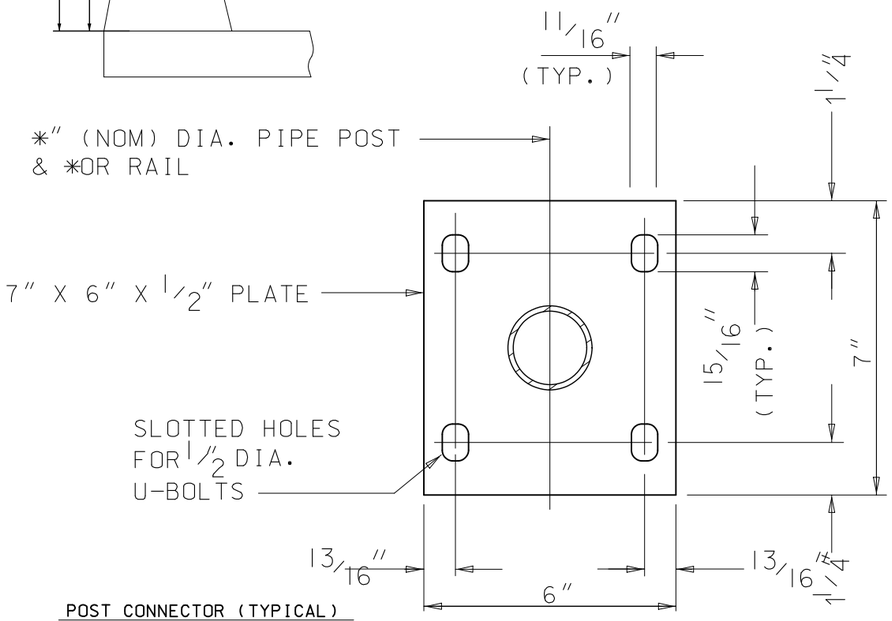
* AT ABOUT 30′-0″ CENTERS WITH AT LEAST ONE SPLICE GAP BETWEEN PULL OR END POSTS.



SECTION A-A

PEDESTRIAN FENCE (STRUCTURES) DETAIL





POST CONNECTOR (TYPICAL)

NOTES:

PEDESTRIAN GUARD FENCE (CHAIN LINK TYPE) SHALL BE IN ACCORDANCE WITH APPLICABLE PARTS OF SEC. 607.10 AND SEC. 1043 EXCEPT ALL FABRIC SHALL HAVE THE TOP AND BOTTOM EDGES KNUCKLED.

ALL POSTS SHALL BE VERTICAL.

PAYMENT FOR FURNISHING, GALVANIZING AND ERECTING THE FENCE AND FRAME COMPLETE WITH RESIN ANCHORS, NUTS AND WASHERS WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR PEDESTRIAN FENCE (STRUCTURES) PER LINEAR FOOT.

DIMENSIONS FOR PAYMENT OF PEDESTRIAN FENCE (STRUCTURES) ARE MEASURED HORIZONTALLY.

CORE WIRE SIZE FOR WIRE FABRIC SHALL BE 6 GAGE MINIMUM.

THE MAXIMUM SPACING ALLOWED BETWEEN PULL POSTS AND END POSTS SHALL BE 100 FT. 1/2″ * TRUSS RODS SHALL BE REQUIRED FOR END POSTS AND PULL POSTS ONLY.

CONTRACTOR SHALL SUBMIT COMPLETE DETAILED SHOP DRAWINGS IN ACCORDANCE WITH SEC 1080.

BENT CONNECTOR PLATES SHALL BE FABRICATED IN ACCORDANCE WITH SECTION 1080.3.3.12 AND SHALL BE ACCORDING TO AASHTO M181.

COST OF FURNISHING AND INSTALLING CONNECTOR PLATES, INCLUDING GALVANIZING, RESIN ANCHORS, AND GROUT WILL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR PEDESTRIAN FENCE (STRUCTURES).

RESIN ANCHOR SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 1039.

DIMENSIONS SHOWN ARE MEASURED HORIZONTAL AND VERTICAL UNLESS OTHERWISE NOTED.

THE MINIMUM EMBEDMENT DEPTH IN CONCRETE WITH f′c = 4000 PSI FOR THE RESIN ANCHOR SYSTEM SHALL BE THAT REQUIRED TO MEET THE ULTIMATE PULLOUT STRENGTH IN ACCORDANCE WITH SECTION 1039 BUT SHALL NOT BE LESS THAN 5″.

THE CONTRACTOR SHALL LOCATE EXISTING REINFORCEMENT PRIOR TO DRILLING FOR ANCHORS. ANCHORS SHALL BE SHIFTED TO MISS EXISTING REINFORCEMENT. IF REINFORCEMENT IS ENCOUNTERED WHEN DRILLING FOR ANCHORS, THE HOLES SHALL BE ABANDONED WITHOUT CUTTING REINFORCEMENT AND RELOCATED. ABANDONED HOLES SHALL BE FILLED WITH GROUT AS DESIGNATED BY THE ENGINEER.

THE CONTRACTOR SHALL NOT DRILL MORE HOLES FOR THE ANCHORS THAN CAN BE INSTALLED IN ONE SHIFT. THE CONTRACTOR SHALL SUSPEND DRILLING AND NOTIFY THE ENGINEER IMMEDIATELY IF THE DRILLING FOR ANCHORS PRODUCES CRACKS OR OTHER DETERIORATION OF THE BARRIER.

NOTE: THIS DRAWING IS NOT TO SCALE. FOLLOW DIMENSIONS.

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LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 10:31:49 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	11

COUNTY: ST. LOUIS

JOB NO.: J6S3592

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

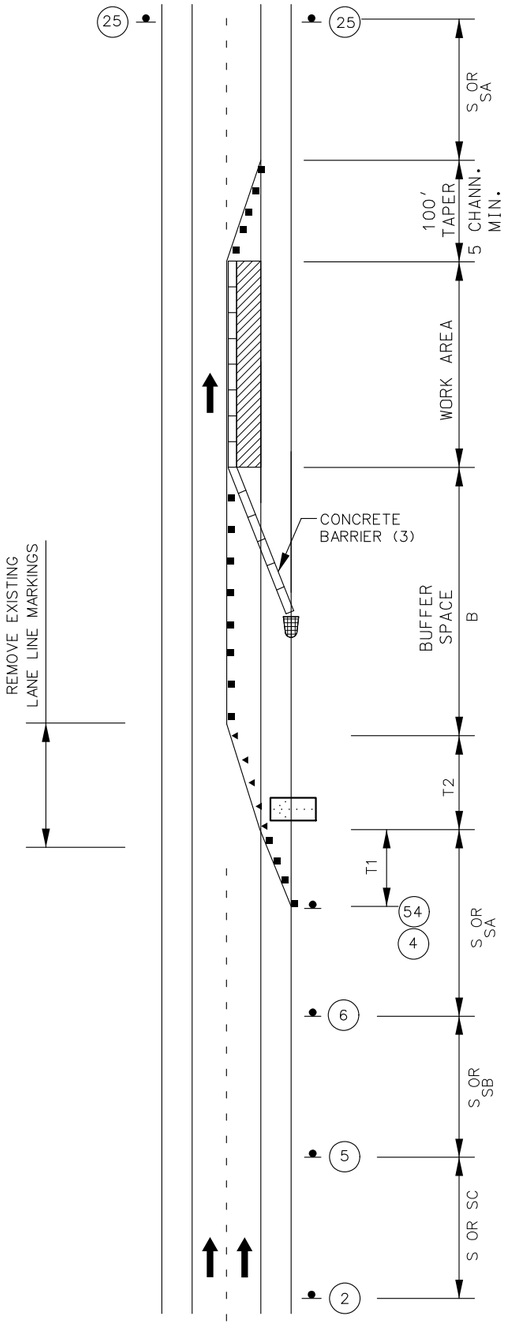
DESCRIPTION	DATE

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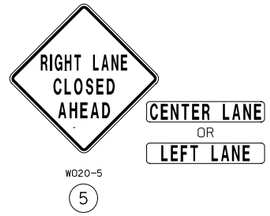
SPECIAL SHEET
PEDESTRIAN FENCE
(STRUCTURES DETAIL)

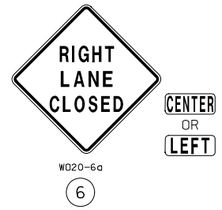


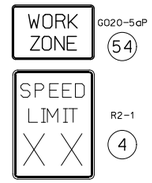
LANE CLOSURE WITH A
TEMPORARY TRAFFIC BARRIER

NOT TO SCALE



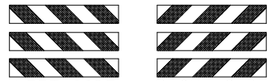








ADVANCE WARNING RAIL SYSTEM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- TEMPORARY CONCRETE BARRIER
- END TREATMENT
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIERS.

(3) FLARE BARRIER TO EXTEND BEYOND CLEAR ZONE OR FLARE BARRIER TO EDGE LINE AND USE APPROVED END TREATMENT.

(3) CONCRETE BARRIER SHALL BE INSTALLED AT AN 8:1 FLARE RATE WITHIN THE TRAVEL LANES.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

(3) APPROVED CRASH CUSHION ARE TO BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS GREATER THAN OR EQUAL TO 40 MPH.

(3) BARRIER HEIGHT TRANSITION MAY BE USED WHEN THE POSTED SPEED LIMIT PRIOR TO ROAD WORK IS LESS THAN 40 MPH.

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SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 10:32:08 AM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

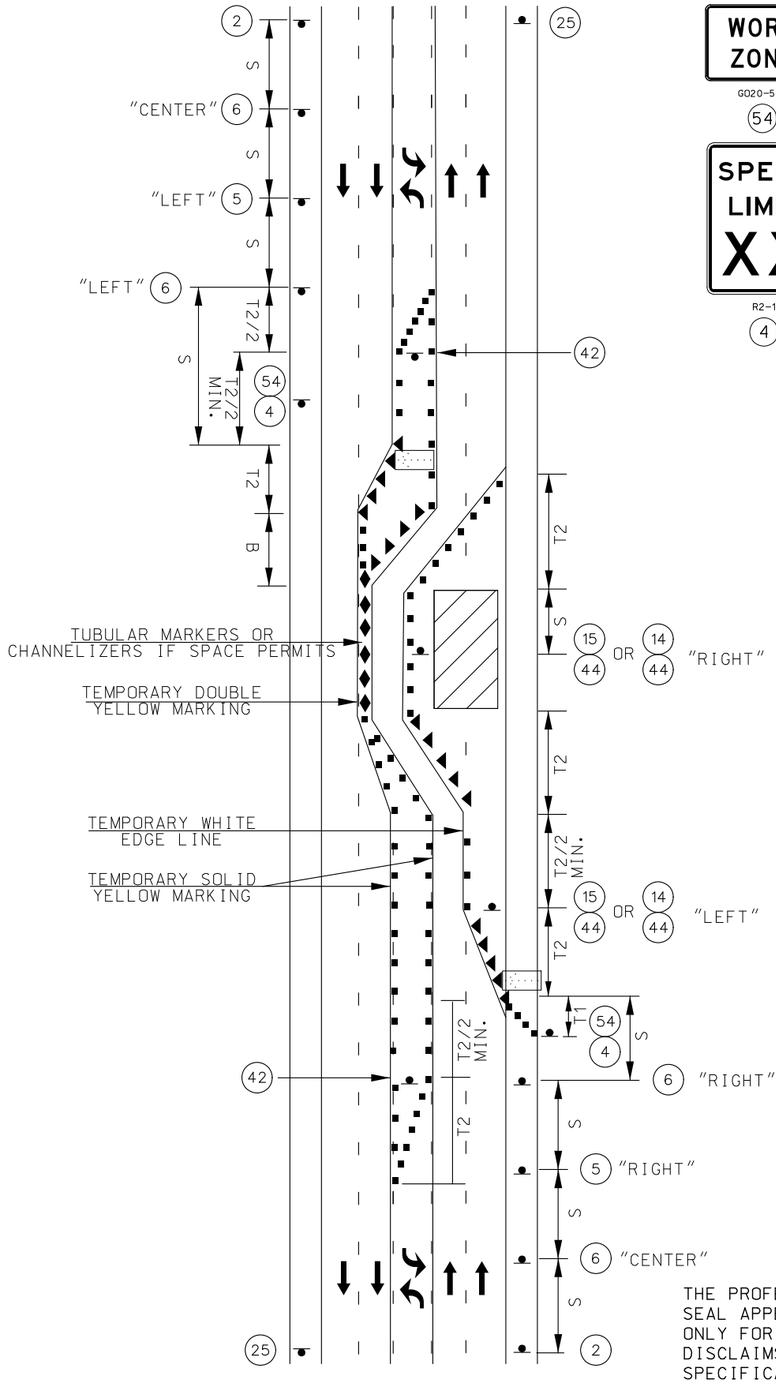
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REV.	DESCRIPTION	DATE

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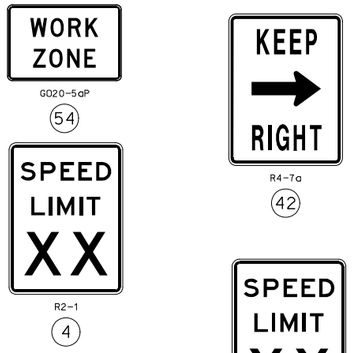
105 WEST CAPITOL
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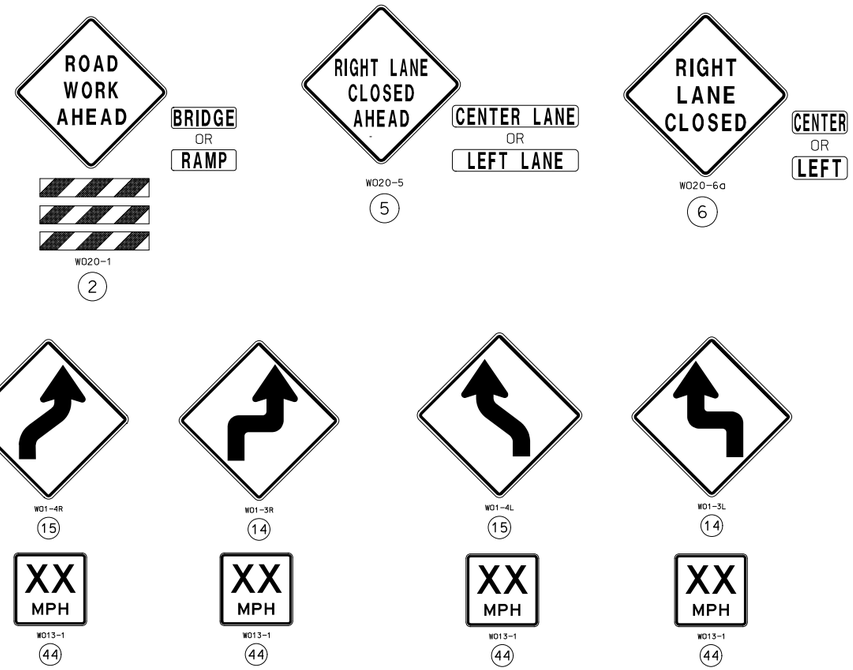
TRAFFIC CONTROL SHEET
LANE CLOSURE WITH A
TEMPORARY TRAFFIC BARRIER



TWO-LANE CLOSURE ON A
5-LANE UNDIVIDED HIGHWAYS

NOT TO SCALE





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- TUBULAR MARKER
- DIRECTIONAL INDICATOR BARRICADE
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAIL SYSTEM

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

PAVEMENT MARKINGS NO LONGER APPLICABLE SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICAL.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT, A 10-FEET DEVICE SPACING IS USED IN THE SHIFTING TAPERS AND WHERE TRAFFIC IS GUIDED ACROSS OTHER CONFLICTING PAVEMENT MARKING, ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING SHOWN ON FIGURE 616.1.2.

(4) ADVISORY SPEED (XX MPH) PLAQUE IS ONLY REQUIRED WHERE FULL LENGTH SHIFTING TAPERS CANNOT BE PROVIDED.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

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

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

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STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 2:16:48 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

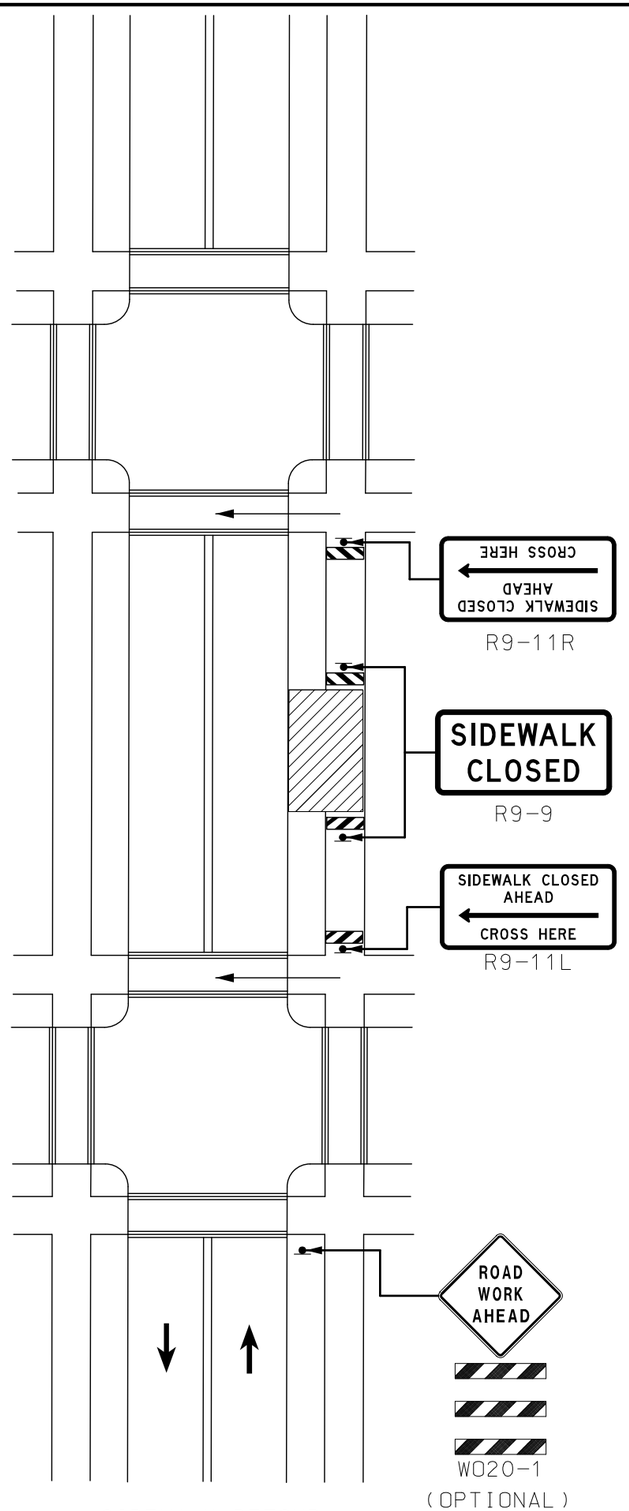
BRIDGE NO.

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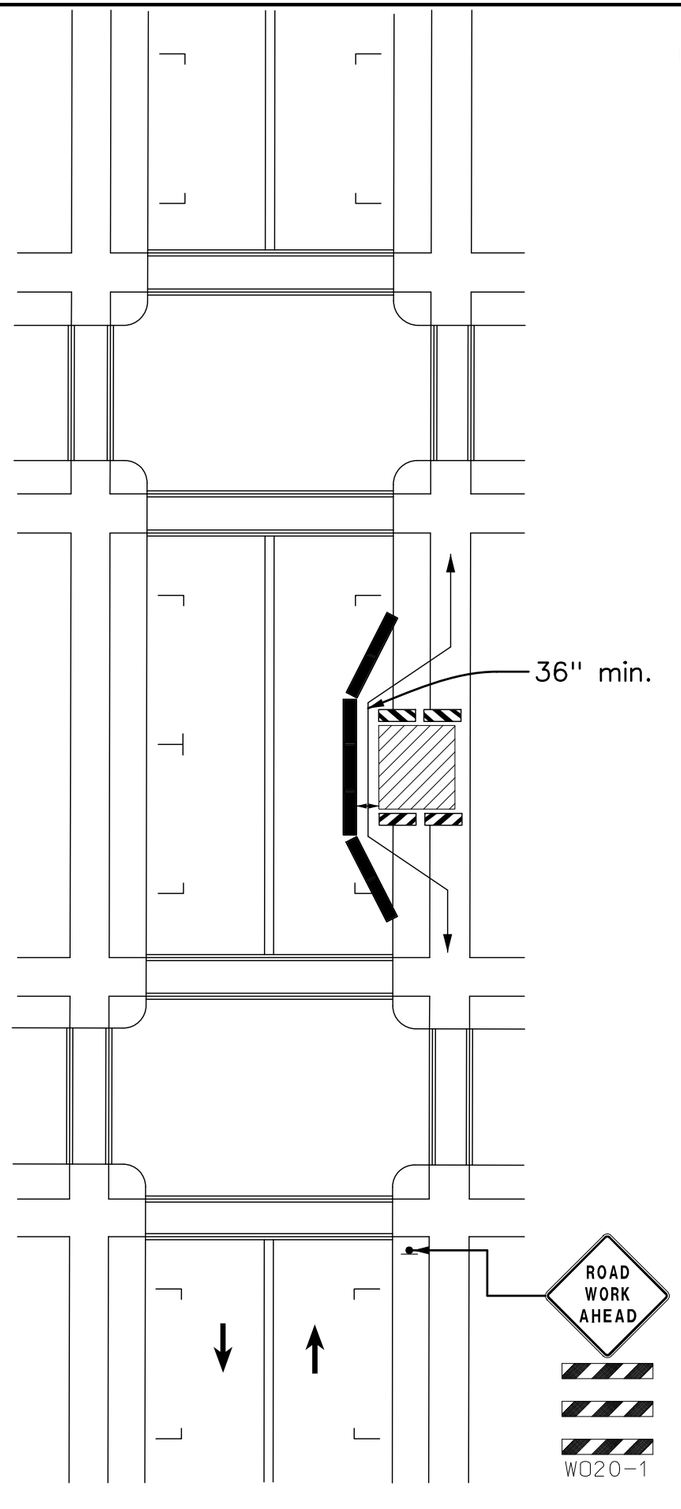
DATE	DESCRIPTION	REV.

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

TRAFFIC CONTROL SHEET
OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS



SIDEWALK DETOUR



SIDEWALK DIVERSION

NOTES:

1. WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY.
2. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
3. WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND, IF NECESSARY, A CRASH CUSHION SHOULD BE USED TO SEPARATE SIDEWALKS FROM VEHICULAR TRAFFIC.
4. ONLY THE TTC DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR "ROAD NARROWS" SIGNS, MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
5. SIGNS, SUCH AS "KEEP RIGHT (LEFT)", MAY BE PLACED ALONG A TEMPORARY SIDEWALK TO GUIDE OR DIRECT PEDESTRIANS.

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- LONGITUDINAL CHANNELIZING DEVICE
- TYPE III BARRICADE
- ADVANCED WARNING RAILS
- DIRECTION OF PEDESTRIAN DETOUR
- DIRECTION OF TRAFFIC

NOT TO SCALE

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
09/04/2023 2:17:00 PM
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MO-PE-2004017202

DATE PREPARED: 8/25/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	14

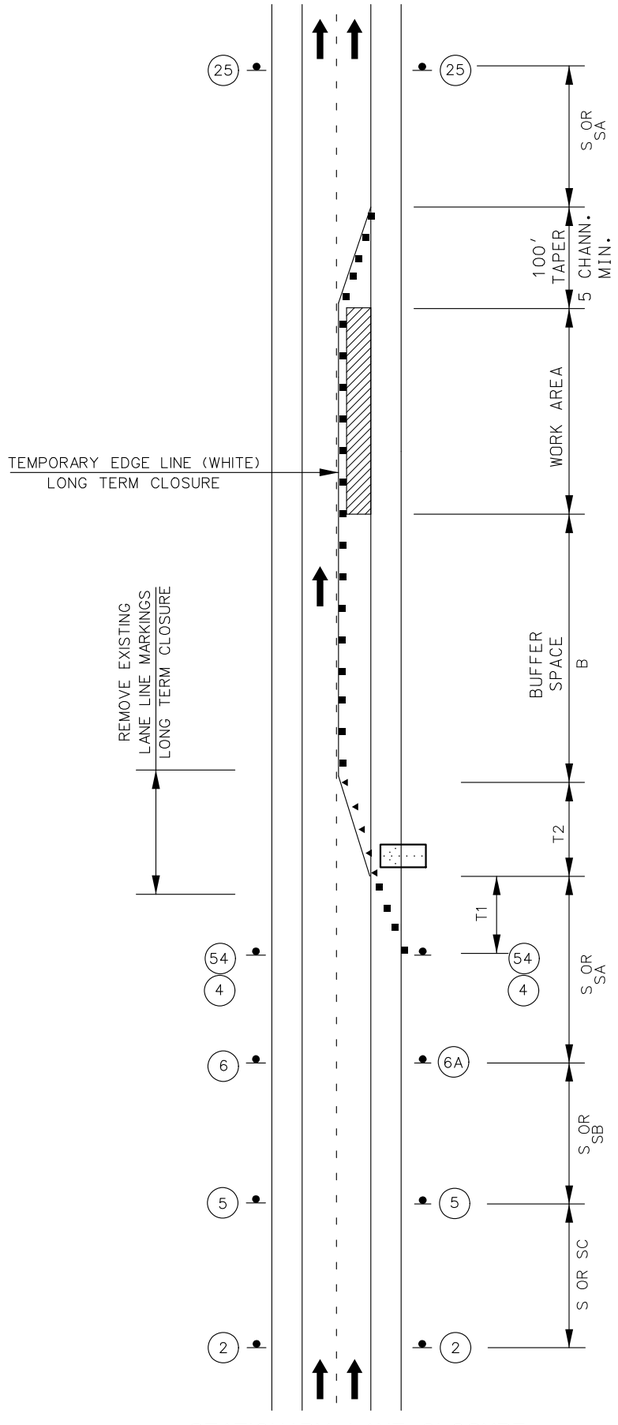
COUNTY: ST. LOUIS
JOB NO.: J6S3592
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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DESCRIPTION | DATE | REV.

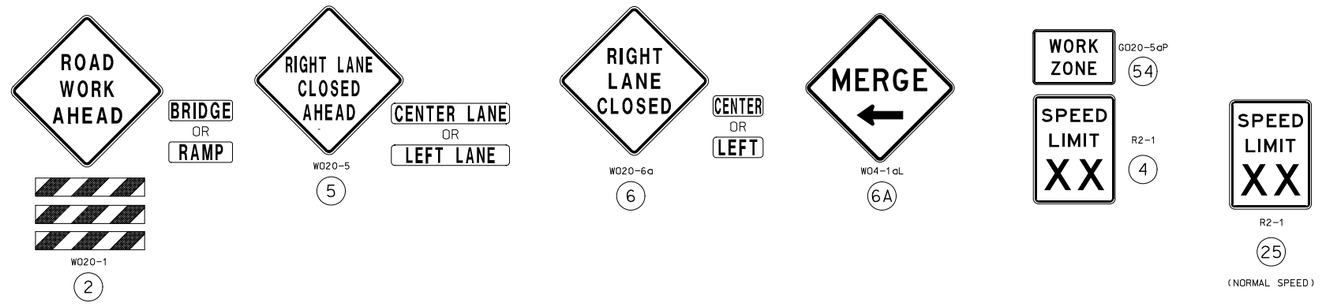
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL SHEET
SIDEWALK DETOUR OR DIVERSION
TA-28

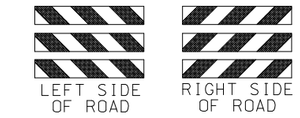


STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

NOT TO SCALE



ADVANCE WARNING RAIL SYSTEM



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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW EPG 616.8.34 (TA-34) LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

REVIEW EPG 616.8.34A (TA-34A) LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS – DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTION

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	–	200	70	245	280	35	40
40-45	–	500	150	540	400	40	80
50-55	–	1000	185	660	560	50	80
60-70	–	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

STATE OF MISSOURI
LISA LYNN KUNTZ
NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 12:49:08 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/30/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	15

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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DATE

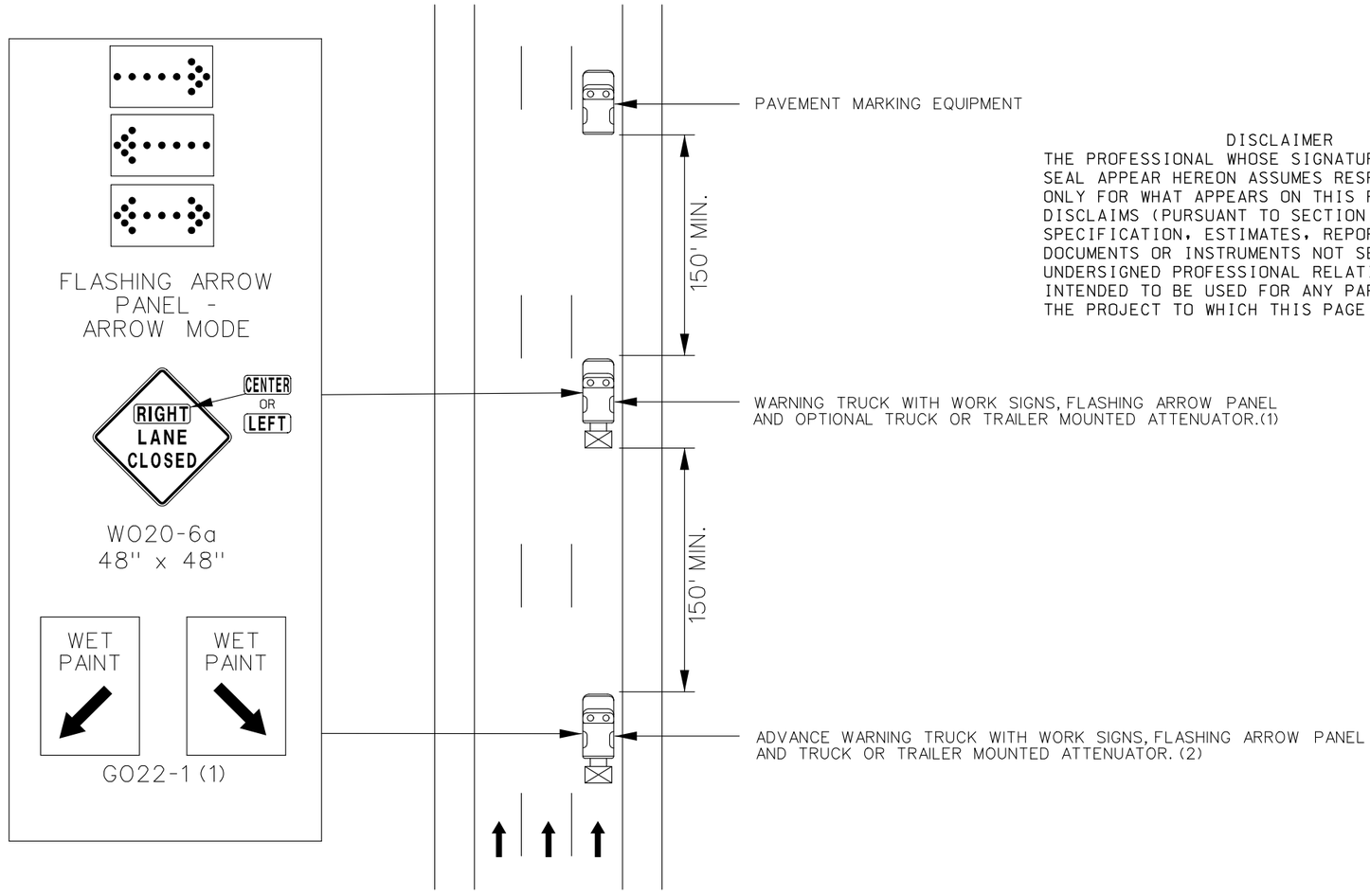
REV.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL SHEET
STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY

CENTER LINE AND OR LANE LINE STRIPING ON MULTI-LANE DIVIDED HIGHWAYS



MULTI-LANE DIVIDED HIGHWAY

NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING LIGHTS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH LANE.

NOT TO SCALE

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NUMBER PE-2004017202
PROFESSIONAL ENGINEER
07/20/2023 12:49:32 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
SL	16

COUNTY: ST. LOUIS
JOB NO.: J6S3592
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

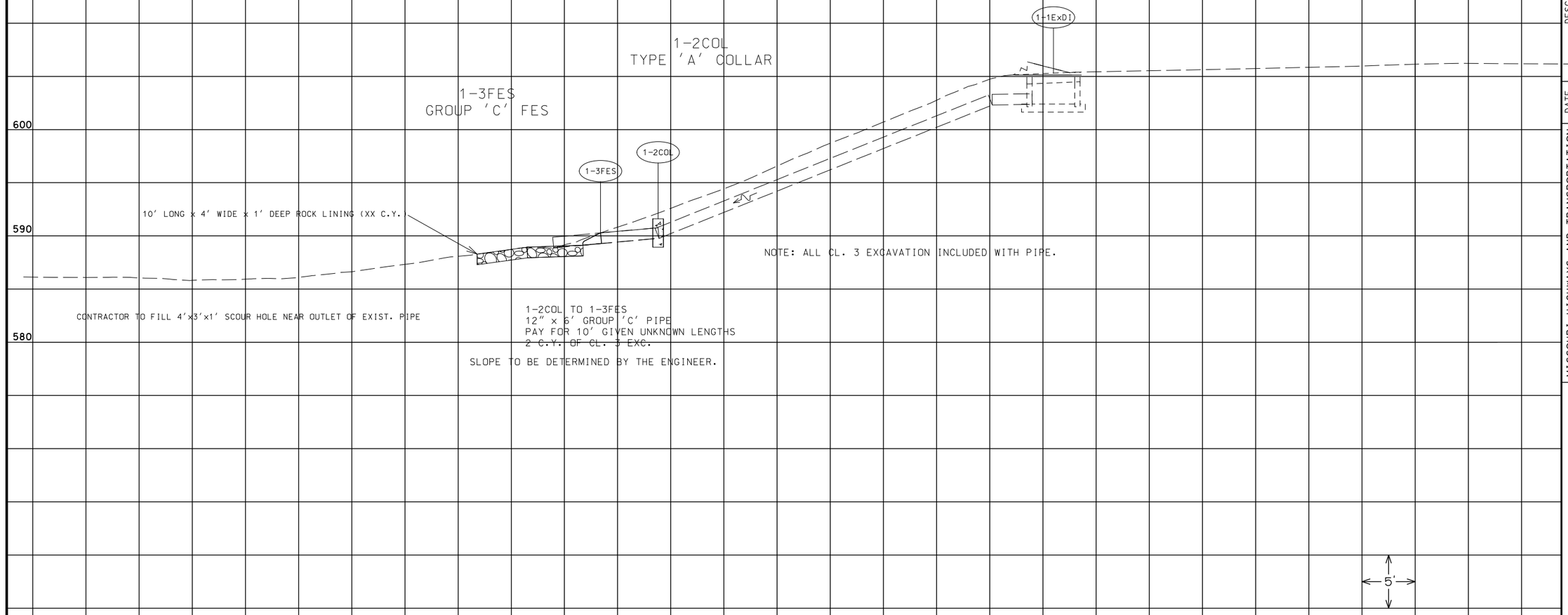
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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TRAFFIC CONTROL SHEET
CENTER LINE / LANE LINE
STRIPING ON MULTI-LANE
DIVIDED HIGHWAYS

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NOTE: ALL PIPES SHALL BE MAINTAINED BY MoDOT.



STATE OF MISSOURI
LISA LYNN KUNTZ
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PROFESSIONAL ENGINEER
07/20/2023 12:49:53 PM
LISA LYNN KUNTZ - CIVIL
MO-PE-2004017202

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

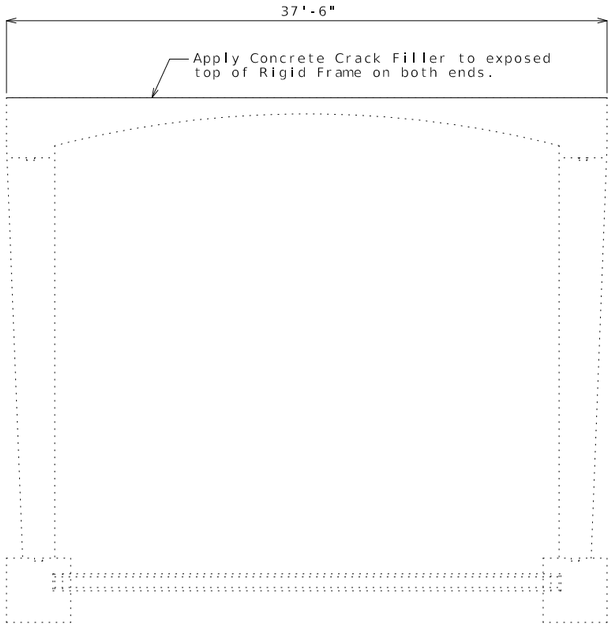
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CULVERT SECTIONS

U.I.P. AND REHABILITATE EXISTING (69.2') CONCRETE RIGID FRAME SPAN (SKEW: 33°06'24"± L.A.)

SEC/SUR 34 TWP 46N RGE 6E



SECTION THRU EXISTING RIGID FRAME

Estimated Quantities		
Item		Total
Concrete Crack Filler	sq. yard	206

General Notes:

Design Speci cations:

2002 AASHTO LFD (17th Ed.) Standard Speci cations
Bridge Deck Rating = 6

Design Loading:

HS20-44 and Military 24,000 lb tandem axle (1981)
Defense Transporter Erector Loading (1981)
Earth = 120 lb/cf
Φ = 28°

Miscellaneous:

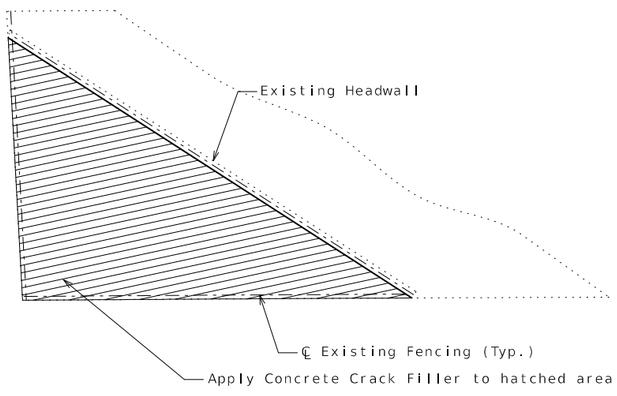
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in eld before ordering new material.

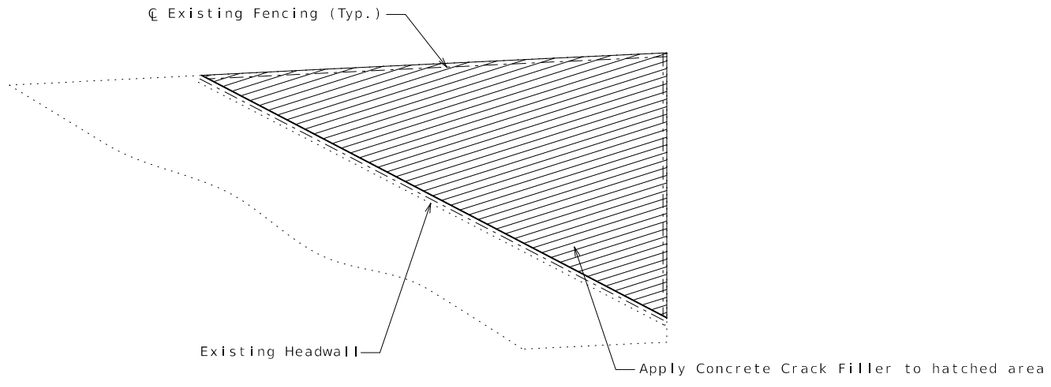
Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (Roadway Item).

Tra c Handling:

Tra c to be maintained on structure during construction. See roadway plans for tra c control.



PLAN OF EXISTING WEST END



PLAN OF EXISTING EAST END

Detailed Dec. 2022
Checked Dec. 2022

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 1

REPAIRS TO BRIDGE: ROUTE D OVER UP RR

ROUTE D FROM ROUTE 170 TO ROUTE I-44
ABOUT 1.6 MILES EAST OF ROUTE 170
BEGINNING STATION 248+35.41± (MATCH EXISTING)

STATE OF MISSOURI
TED S. KOESTER
NUMBER PE-2013000591
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 6/23/2023
ROUTE D | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3592
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A38851

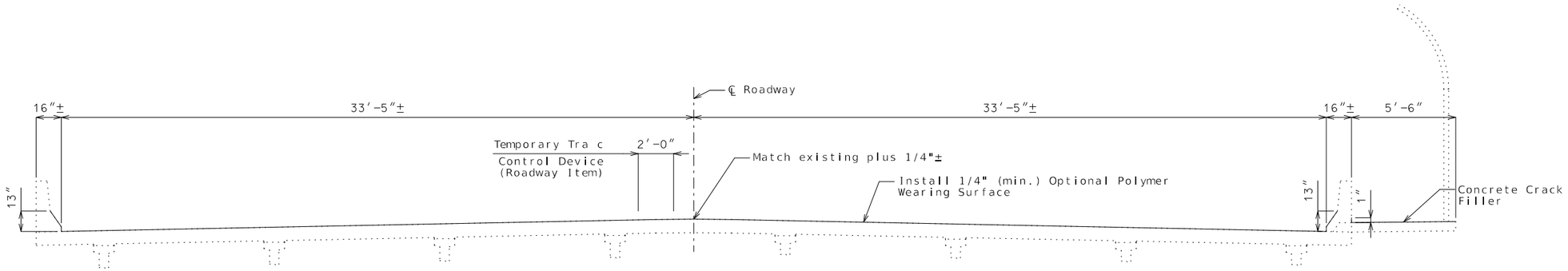
DESCRIPTION	DATE

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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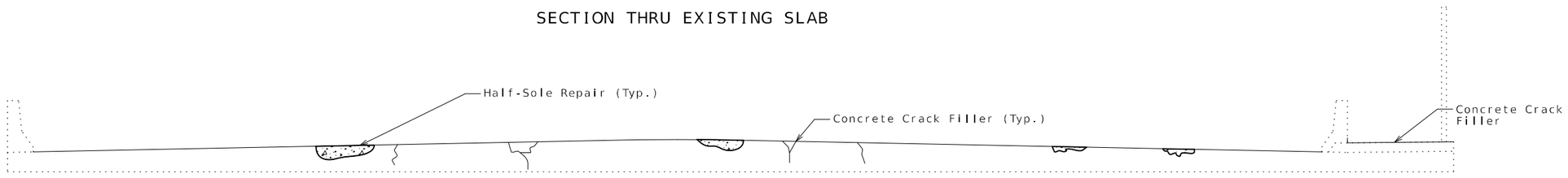
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SEC/SUR 1 TWP 45N RGE 6E

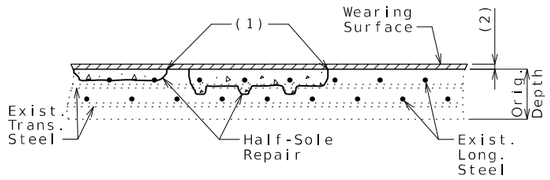
U.I.P. AND REHABILITATE EXISTING (6 @ 80') PRESTRESSED CONCRETE I-GIRDER SPANS (SKEW: VARIES)



SECTION THRU EXISTING SLAB



SECTION THRU EXISTING APPROACH SLABS



HALF-SOLE REPAIR

General Notes:

Design Speci cations:
2002 AASHTO LFD (17th ed.) Standard Speci cations
Bridge Deck Rating = 7

Design Loading:
HS20-44 (1997)

Miscellaneous:
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines, Heavy lines indicate new work.

Contractor shall verify all dimensions in eld before ordering new material.

Roadway surfacing adjacent to bridge approach slab ends to match top of bridge approach slab (Roadway Item).

Polymer shall be applied to bridge deck, sidewalk, 16" up along the roadway face of barriers (13" vertical height) and 6" up along back of barrier along sidewalk.

Tra c Handling:
Tra c to be maintained on structure during construction. See roadway plans for tra c control.

(1) 1" vertical side shall be established outside the deteriorated area.

(2) 1/4" minimum Optional Polymer Wearing Surface

Optional Polymer Wearing Surface

Type of Wearing Surface	Type Used (✓)
Epoxy Polymer Wearing Surface with Healer/Sealer	
Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	

MoDOT construction personnel shall complete column labeled "Type Used (✓)".

The contractor shall select one of the optional polymer wearing surfaces listed in the table. The optional polymer wearing surface method of measurement and basis of payment shall be in accordance with sec 623.

Estimated Quantities

Item		Total
Optional Polymer Wearing Surface	sq. yard	3717
Substructure Repair (Unformed)	sq. foot	230
Half-Sole Repair	sq. foot	250
Concrete Crack Filler	sq. yard	682
Barrier Curb Repair	linear foot	10
Open Cell Foam Joint Seal	linear foot	139

REPAIRS TO BRIDGE: ROUTE D OVER METROLINK & ENGELHOLM CREEK

ROUTE D FROM ROUTE 170
ABOUT 3.2 MILES EAST OF ROUTE 170
BEGINNING STATION 145+45.00± (MATCH EXISTING)

Detailed Dec. 2022
Checked Dec. 2022

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TED S. KOESTER
NUMBER PE-2013000591
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 6/23/2023

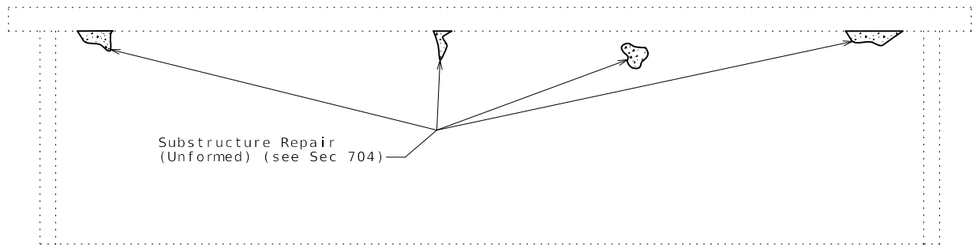
ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
BR	1

COUNTY: ST. LOUIS
JOB NO.: J6S3592
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A53281

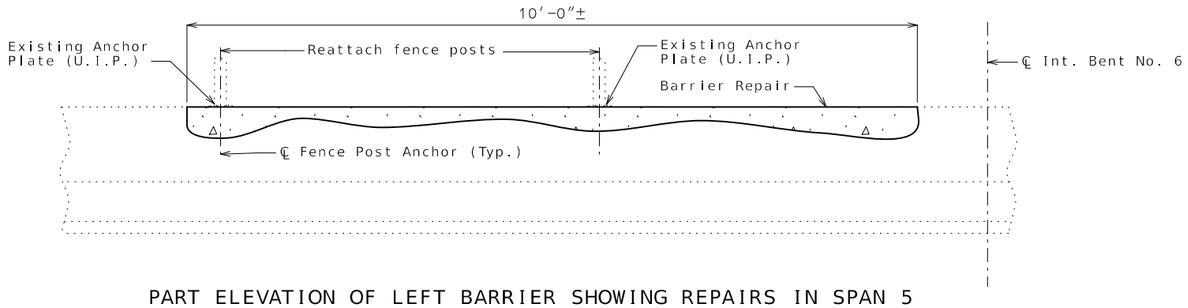
DESCRIPTION	DATE

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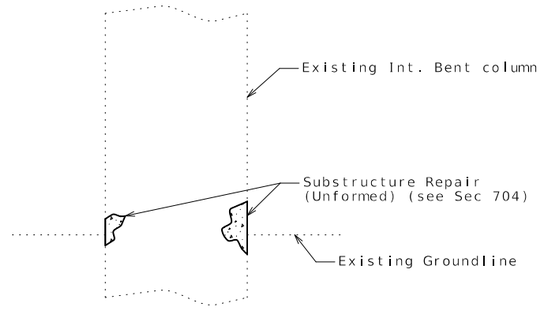
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



ELEVATION SHOWING REPAIRS TO MSE WALL AT END BENTS

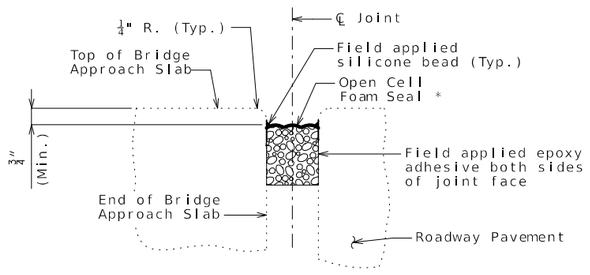


PART ELEVATION OF LEFT BARRIER SHOWING REPAIRS IN SPAN 5



PART ELEVATION OF INTERMEDIATE BENT COLUMNS
SHOWING SUBSTRUCTURE REPAIR

Bent	Column	Approx. Area of Substructure Repair (ft^2)
2	3	15
3	1 & 4	25
4	4	15
5	1 & 4	25
6	2 & 4	25



SECTION THRU JOINT AT END
OF BRIDGE APPROACH SLAB

* Manufacturer's recommended size

Extend seal full width of approach slab.

STATE OF MISSOURI
TED S. KOESTER
NUMBER PE-2013000591
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

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

DATE PREPARED
6/23/2023

ROUTE	STATE
D	MO
DISTRICT	SHEET NO.
BR	2

COUNTY
ST. LOUIS

JOB NO.
J6S3592

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A53281

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

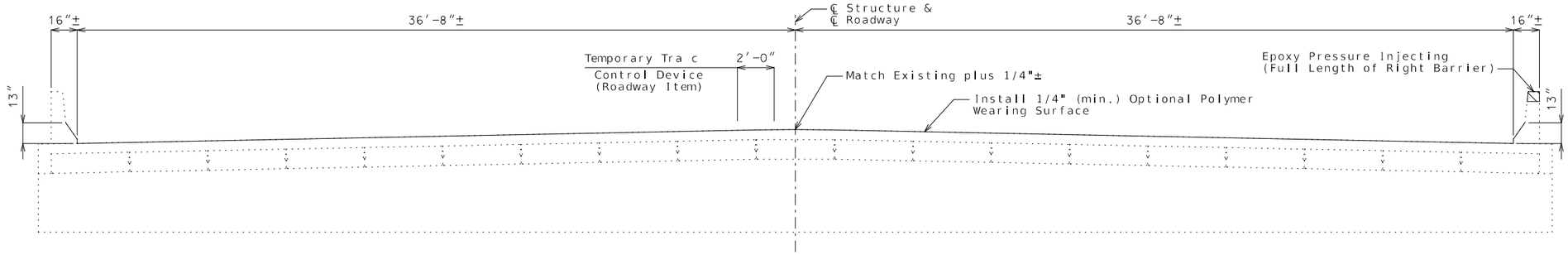
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Detailed Dec. 2022
Checked Dec. 2022

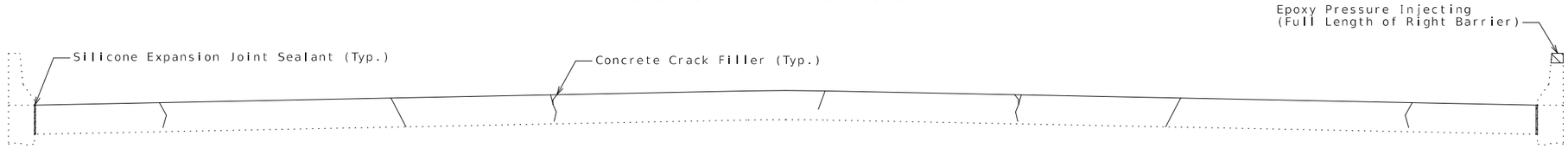
Note: This drawing is not to scale. Follow dimensions.

SEC/SUR 33 TWP 46N RGE 6E

U.I.P. AND REHABILITATE EXISTING (41'-41'-41') PRESTRESSED CONCRETE SOLID SLAB BEAM SPANS (SKEW: 14°03'17"± L.A.)



SECTION THRU EXISTING SLAB



SECTION THRU EXISTING APPROACH SLABS

General Notes:

Design Speci cations:
2002 AASHTO LFD (17th ed.) Standard Speci cations
Bridge Deck Rating = 7

Design Loading:
HS20 Modi ed (2005)

Miscellaneous:
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines, Heavy lines indicate new work.

Contractor shall verify all dimensions in eld before ordering new material.

Roadway surfacing adjacent to bridge approach slab ends to match top of bridge approach slab (Roadway Item).

Polymer shall be applied to bridge deck and 16" up along the roadway face of barriers (13" vertical height).

Silicone Expansion Joint Sealant shall be installed along all wing walls.

Tra c Handling:
Tra c to be maintained on structure during construction. See roadway plans for tra c control.

Optional Polymer Wearing Surface

Type of Wearing Surface	Type Used (✓)
Epoxy Polymer Wearing Surface with Healer/Sealer	
Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	

MoDOT construction personnel shall complete column labeled "Type Used (✓)".

The contractor shall select one of the optional polymer wearing surfaces listed in the table. The optional polymer concrete wearing surface method of measurement and basis of payment shall be in accordance with sec 623.

Estimated Quantities

Item		Total
Optional Polymer Wearing Surface	sq. yard	1069
Half-Sole Repair	sq. foot	150
Epoxy Pressure Injecting	linear foot	143
Concrete Crack Filler	sq. yard	407
Open Cell Foam Joint Seal	linear foot	159
Silicone Expansion Joint Sealant	linear foot	28

REPAIRS TO BRIDGE: ROUTE D OVER TRRA AND SANDBLASTING FACILITY ROAD

ROUTE D FROM ROUTE 170 TO ROUTE I-44
ABOUT 0.2 MILES EAST OF ROUTE 170
BEGINNING STATION 172+85.17± (MATCH EXISTING)

Detailed Dec. 2022
Checked Dec. 2022

Note: This drawing is not to scale. Follow dimensions.

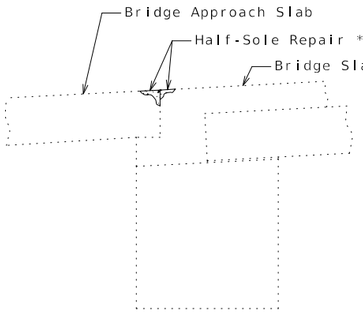
STATE OF MISSOURI
TED S. KOESTER
NUMBER PE-2013000591
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 6/23/2023
ROUTE D | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3592
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A71091

DESCRIPTION | DATE

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

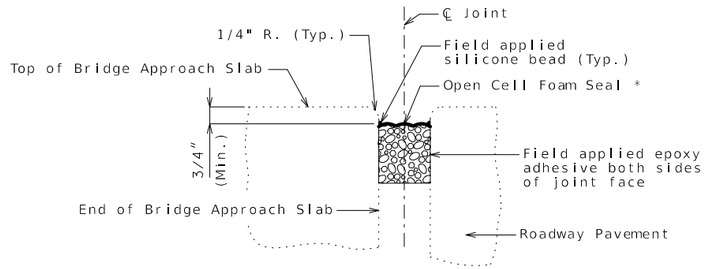
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SECTION THRU EXISTING END BENT

(End Bent No. 1 shown, End Bent No. 4 similar)

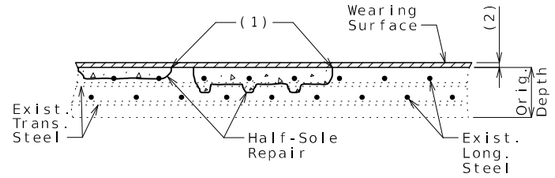
** Repair before installation of Open Cell Foam Joint Seal



SECTION THRU JOINT AT END OF BRIDGE APPROACH SLAB

SKEW = 14°03'17"± L.A.

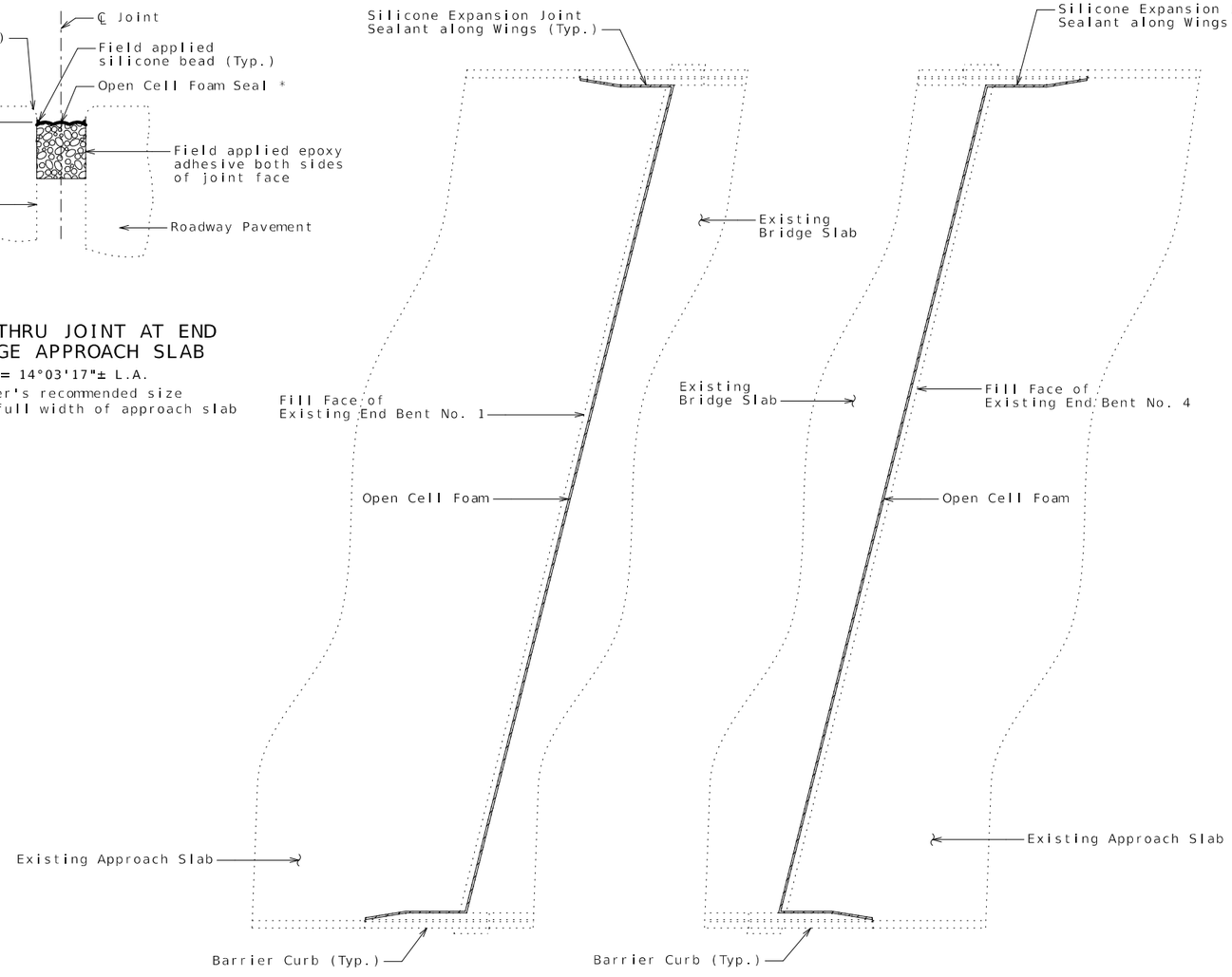
* Manufacturer's recommended size
Extend seal full width of approach slab



HALF-SOLE REPAIR

(1) 1" vertical side shall be established outside the deteriorated area.

(2) 1/4" minimum Optional Polymer Wearing Surface



PART PLAN SHOWING EXPANSION JOINT SEALANT AND OPEN CELL FOAM JOINT SEAL AT END BENTS NO. 1 AND NO. 4

General Notes:

Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew e ect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

Join the foam seal together with an epoxy adhesive at the staged construction joint to maintain a water tight seal.

STATE OF MISSOURI
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DATE PREPARED: 6/23/2023

ROUTE	STATE
D	MO

DISTRICT	SHEET NO.
BR	2

COUNTY: ST. LOUIS

JOB NO.: J6S3592

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.: A71091

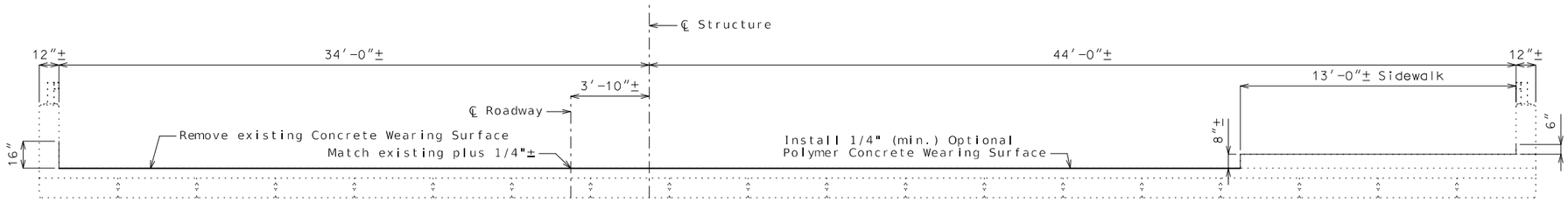
DESCRIPTION	DATE

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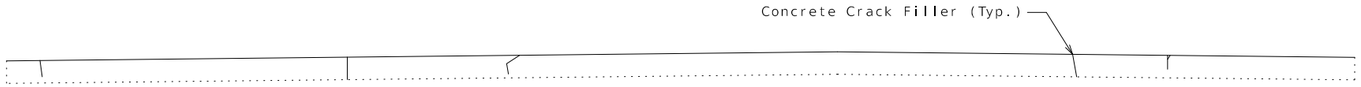
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SEC/SUR 35 TWP 46N RGE 6E

U.I.P. AND REHABILITATE EXISTING (28.5') SIMPLE ADJACENT PRESTRESSED CONCRETE SOLID SLAB BEAM SPAN (SKEW: 14°± R.A.)



SECTION THRU EXISTING SLAB



SECTION THRU EXISTING APPROACH SLABS

General Notes:

Design Speci cations:
2002 AASHTO LFD (17th ed.) Standard Speci cations
Bridge Deck Rating = 6

Design Loading:
HS20 Modi ed (2012)

Miscellaneous:
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines, Heavy lines indicate new work.

Contractor shall verify all dimensions in eld before ordering new material.

Roadway surfacing adjacent to bridge approach slab ends to match top of bridge approach slab.

Polymer wearing surface shall be applied to bridge deck, sidewalk, 16" up face of left barrier, 6" up face of right barrier and 8" up along edge of sidewalk.

Tra c Handling:
Tra c to be maintained on structure during construction. See roadway plans for tra c control.

Optional Polymer Wearing Surface	
Type of Wearing Surface	Type Used (✓)
Epoxy Polymer Wearing Surface with Healer/Sealer	
Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	

MoDOT construction personnel shall complete column labeled "Type Used (✓)".

The contractor shall select one of the optional polymer wearing surfaces listed in the table. The optional polymer wearing surface method of measurement and basis of payment shall be in accordance with sec 623.

Estimated Quantities		
Item		Total
Removal of Concrete Wearing Surface	sq. foot	1936
Optional Polymer Wearing Surface	sq. yard	266
Concrete Crack Filler	sq. yard	170

REPAIRS TO BRIDGE: ROUTE D OVER BRANCH OF RIVER DES PERES

ROUTE D FROM ROUTE 170 TO ROUTE I-44
ABOUT 2.3 MILES EAST OF ROUTE 170
BEGINNING STATION 99+96.69± (MATCH EXISTING)

Detailed Dec. 2022
Checked Dec. 2022

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TED S. KOESTER
NUMBER PE-2013000591
PROFESSIONAL ENGINEER
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DATE PREPARED 6/23/2023
ROUTE D | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3592
CONTRACT ID.
PROJECT NO.
BRIDGE NO. B03881

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
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