DESIGN DESIGNATION

A.A.D.T. – 2024 = 9,395
A.A.D.T. – 2044 = 10,380
D.H.V. = 10%
T = 4.2%
V = 40 M.P.H.
D = 50% EB, 50% WB
FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL

PERMANENT AND TEMPORARY EASEMENTS WILL BE ACQUIRED

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
ST. LOUIS COUNTY
LOCATION MAP
SECTIONS: 8,9,10,18
TOWNSHIP: 45N 5E

MILL/FILL, ADA, GUARDRAIL, SIGNALS, PVMT MARKING
PROJECT LIMITS

BEGIN PROJECT STA. 7+00.00

END PROJECT STA. 187+52.00

NOT TO SCALE

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.

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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QUANTITIES (QU) (13 SHEETS)	3
PLAN-PROFILE (PP)	4-41
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REFERENCE POINTS (RP)	80
COORDINATE POINTS (CP)	81
SPECIAL SHEETS (SS)	82-97
TRAFFIC CONTROL SHEETS (TC)	98-106
DRAINAGE AND EROSION CONTROL SHEETS (EC)	107-114
SIGNALS (SG)	115-142
ITS (ITS)	143-149
SIGNING (SN)	150-167
LIGHTING (LT)	168-169
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CULVERT SECTIONS (CS)	178
CROSS SECTIONS (XS)	179-182

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 7+00.00	
END OF PROJECT	STA. 187+52.00	
APPARENT LENGTH	18,052.00	FEET
EQUATIONS AND EXCEPTIONS:		
EXEMPT RESURFACING (BR A7810) STA 8+05.27 TO STA 11+39.67	-334.40	FEET
EXEMPT RESURFACING (BR A7808 & BR A7809) STA 13+10.35 TO STA 17+72.55	-462.20	FEET
EXEMPT RESURFACING (CULVERT A8566) STA 104+29.98 TO STA 106+43.14	-213.16	FEET
TOTAL CORRECTIONS	-1009.76	FEET
NET LENGTH OF PROJECT	17,042.24	FEET
STATE LENGTH	3.23	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.0	ACRES

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05:21:2024 1:04:41 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

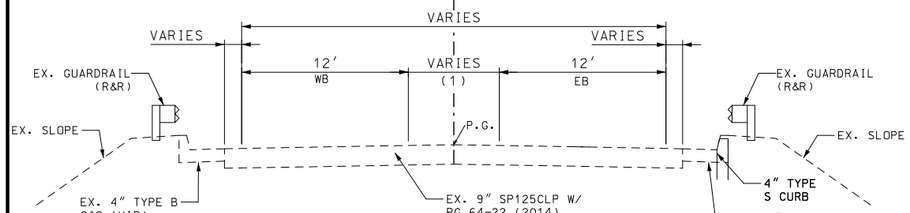
DATE PREPARED: 6/20/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 1
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

TITLE SHEET

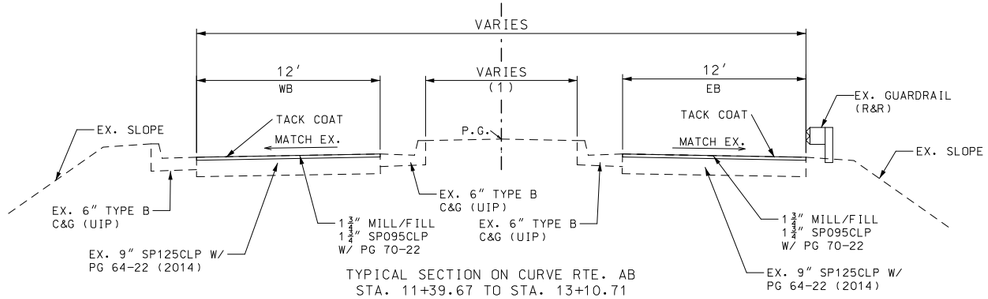
℄ RTE AB
SEE PLAN FOR LOCATION OF ℄



TYPICAL SECTION ON CURVE RTE. AB
STA. 6+91.77 TO PRC STA. 7+93.02
TYPICAL SECTION ON CURVE RTE. AB
PRC STA. 7+93.02 TO STA. 8+05.27

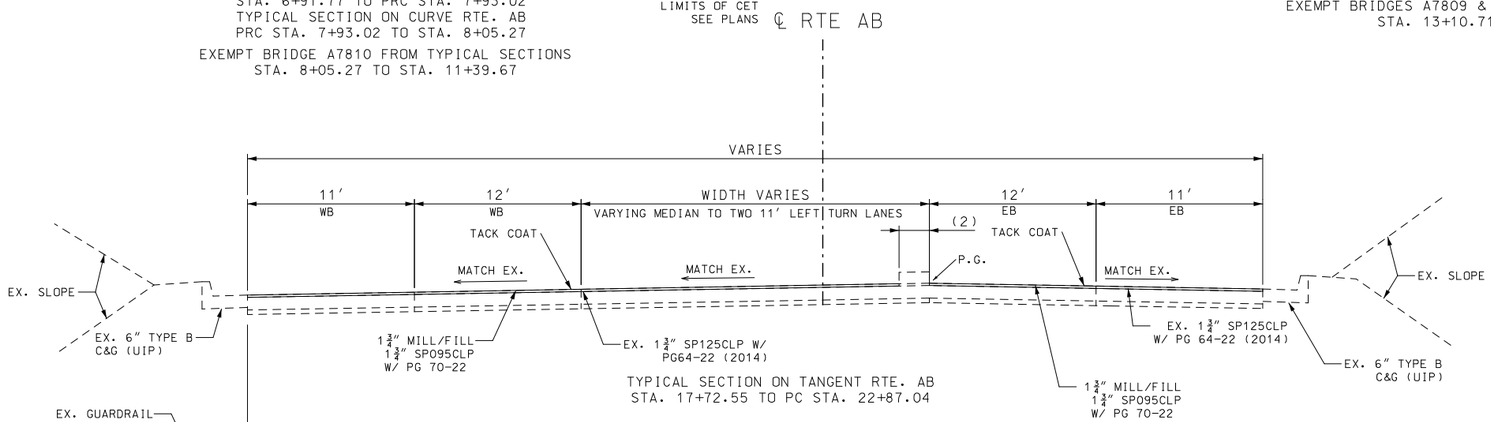
EXEMPT BRIDGE A7810 FROM TYPICAL SECTIONS
STA. 8+05.27 TO STA. 11+39.67

℄ RTE AB
SEE PLAN FOR LOCATION OF ℄

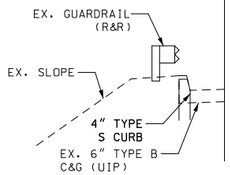


TYPICAL SECTION ON CURVE RTE. AB
STA. 11+39.67 TO STA. 13+10.71

EXEMPT BRIDGES A7809 & A7808 FROM TYPICAL SECTIONS
STA. 13+10.71 TO STA. 17+72.55

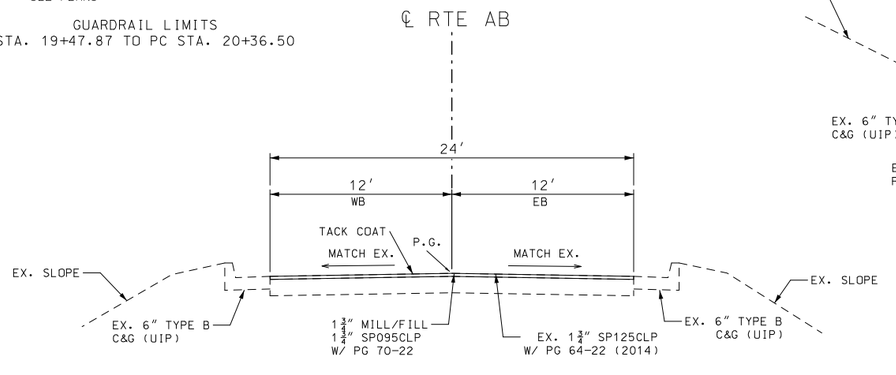


TYPICAL SECTION ON TANGENT RTE. AB
STA. 17+72.55 TO PC STA. 22+87.04



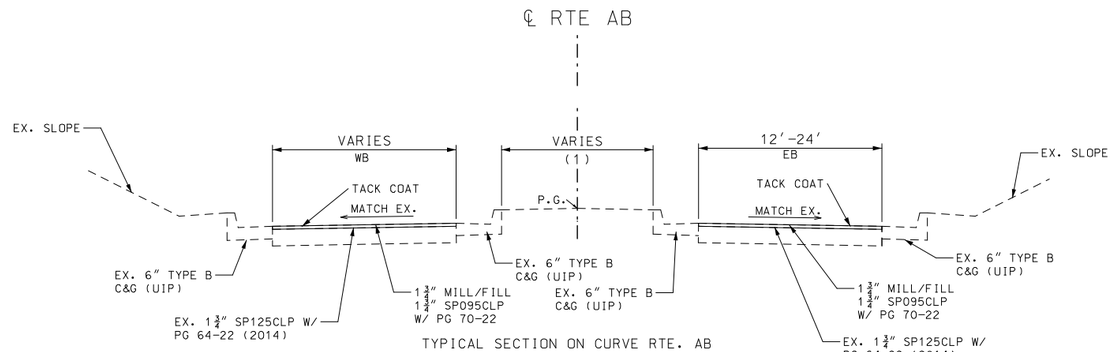
GUARDRAIL LIMITS
STA. 19+47.87 TO PC STA. 20+36.50

℄ RTE AB



TYPICAL SECTION ON TANGENT RTE. AB
PT STA. 27+15.95 TO STA. 28+41.00

℄ RTE AB



TYPICAL SECTION ON CURVE RTE. AB
PC STA. 22+87.04 TO PT STA. 27+15.95

APPLICATION RATES

SP095CLP w/ PG 70-22:	1.950 TONS/CY
TACK COAT:	0.10 GAL/SY

NOTES:

(1) SEE PLAN SHEETS FOR WIDTH

(2) FROM STA. 17+72.55 TO STA. 18+43.43, NO MEDIAN EXISTS
TYPE B C&G ALSO EXISTS THROUGHOUT CENTER MEDIAN W/
NO CONCRETE IN BETWEEN CURBS

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:04:03 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

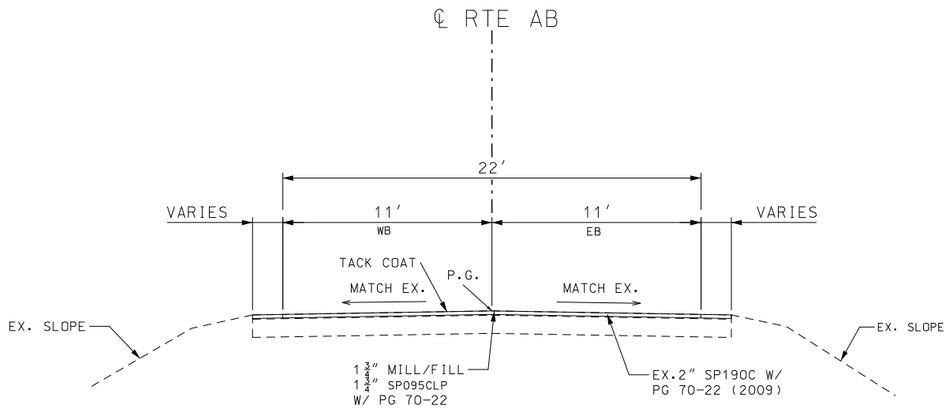
BRIDGE NO.

DESCRIPTION	DATE

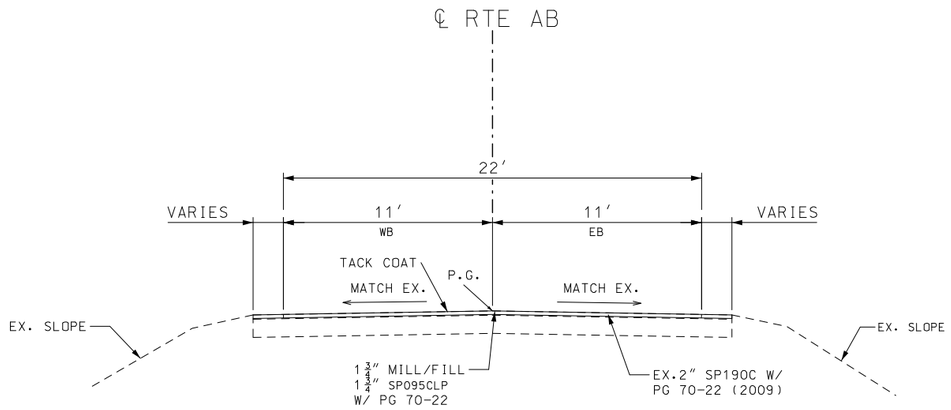
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

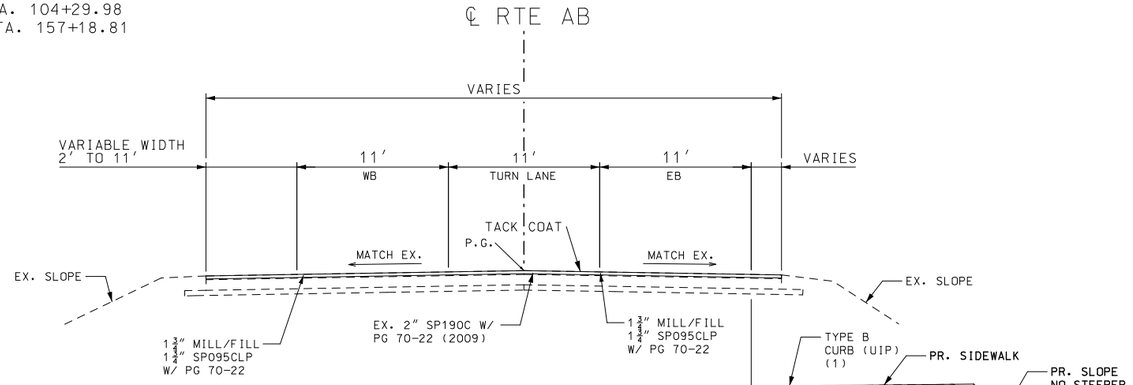
TYPICAL SECTION
SHEET 1 OF 6



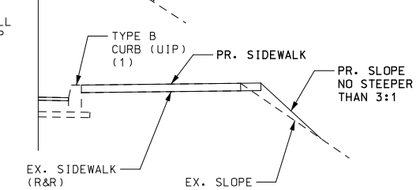
TYPICAL SECTION ON TANGENT RTE. AB
STA. 28+41.00 TO PC STA. 48+74.16
PT STA. 52+39.17 TO STA. 82+00.00
STA. 99+56.09 TO STA. 104+29.98
STA. 113+04.92 TO STA. 157+18.81



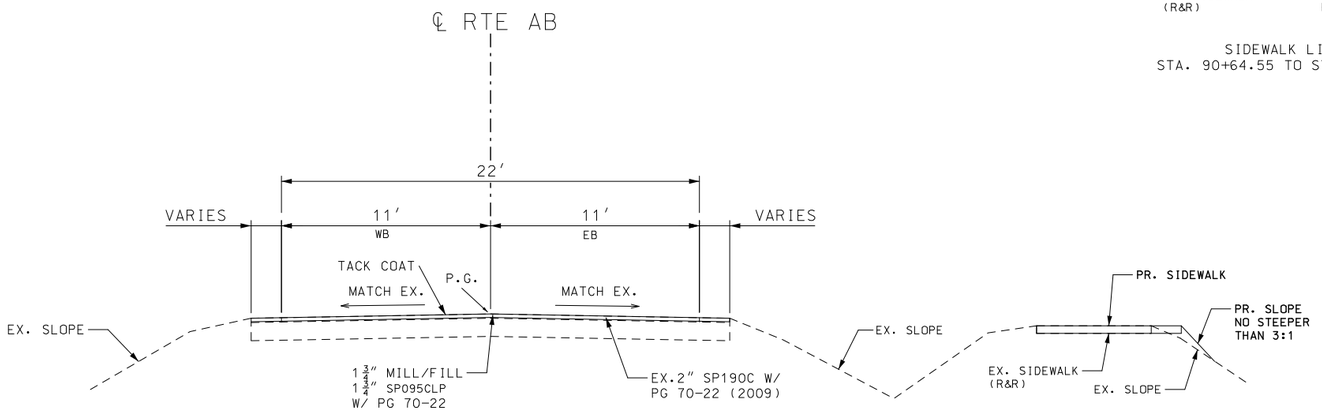
TYPICAL SECTION ON CURVE RTE. AB
PC STA. 48+74.16 TO PT STA. 52+39.17



TYPICAL SECTION ON TANGENT RTE. AB
STA. 82+00.00 TO STA. 93+36.08



SIDEWALK LIMITS
STA. 90+64.55 TO STA. 93+55.52



TYPICAL SECTION ON TANGENT RTE. AB
STA. 93+55.52 TO STA. 99+56.09

EXEMPT CULVERT A8566 FROM TYPICAL SECTIONS
STA. 104+29.98 TO STA. 106+43.14

NOTES:

(1) SEE PLAN FOR LOCATION OF NEW CURB

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 9:06:01 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

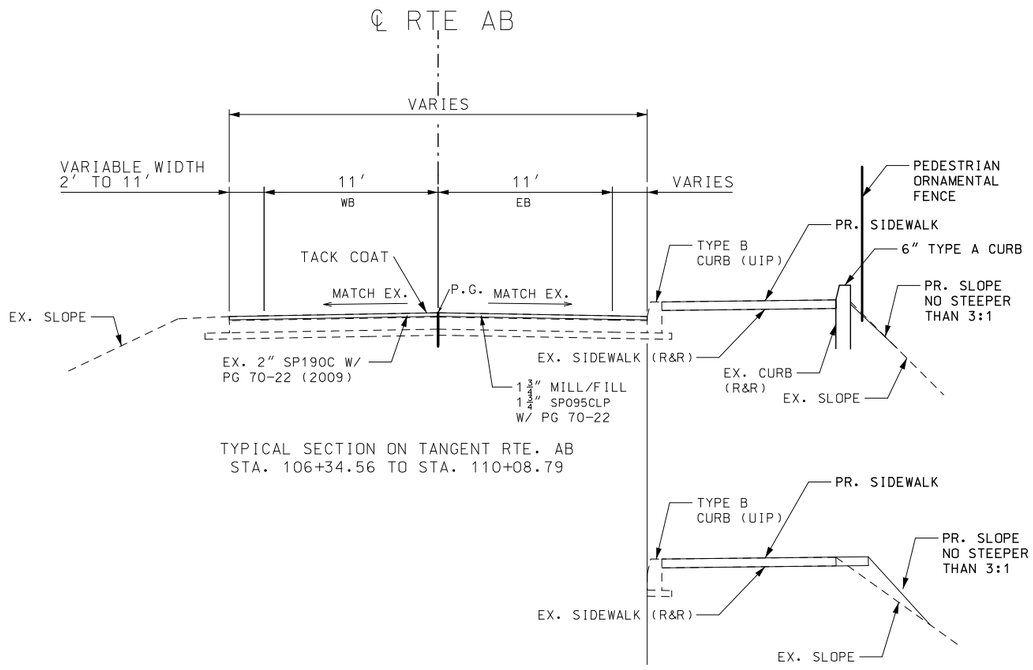
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

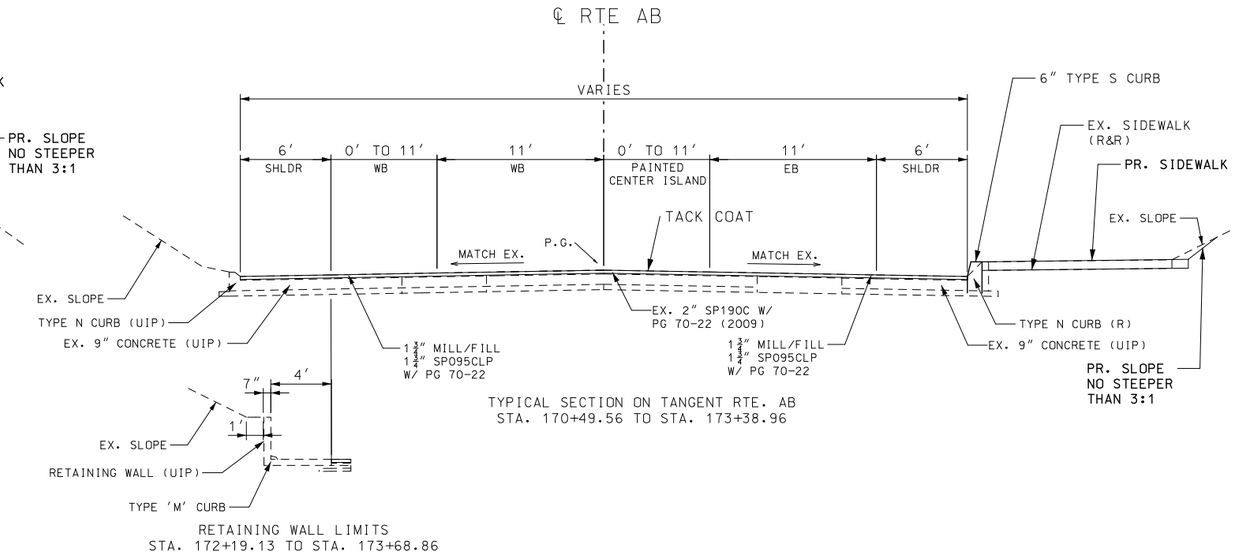
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION
SHEET 2 OF 6



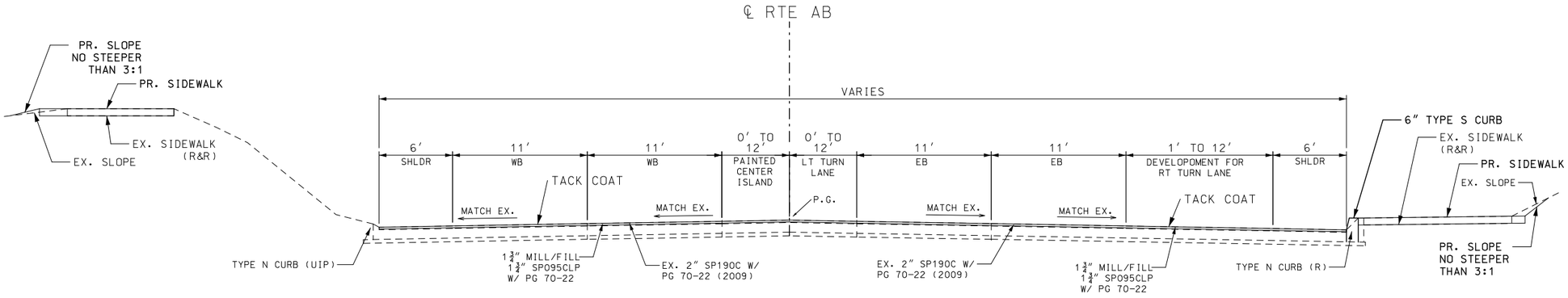
TYPICAL SECTION ON TANGENT RTE. AB
STA. 106+34.56 TO STA. 110+08.79

SIDEWALK LIMITS
STA. 110+08.79 TO STA. 113+04.92
STA. 157+18.81 TO STA. 170+49.56



TYPICAL SECTION ON TANGENT RTE. AB
STA. 170+49.56 TO STA. 173+38.96

RETAINING WALL LIMITS
STA. 172+19.13 TO STA. 173+68.86



TYPICAL SECTION RTE. AB
STA. 173+38.96 TO STA. 175+56.84

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:06:20 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

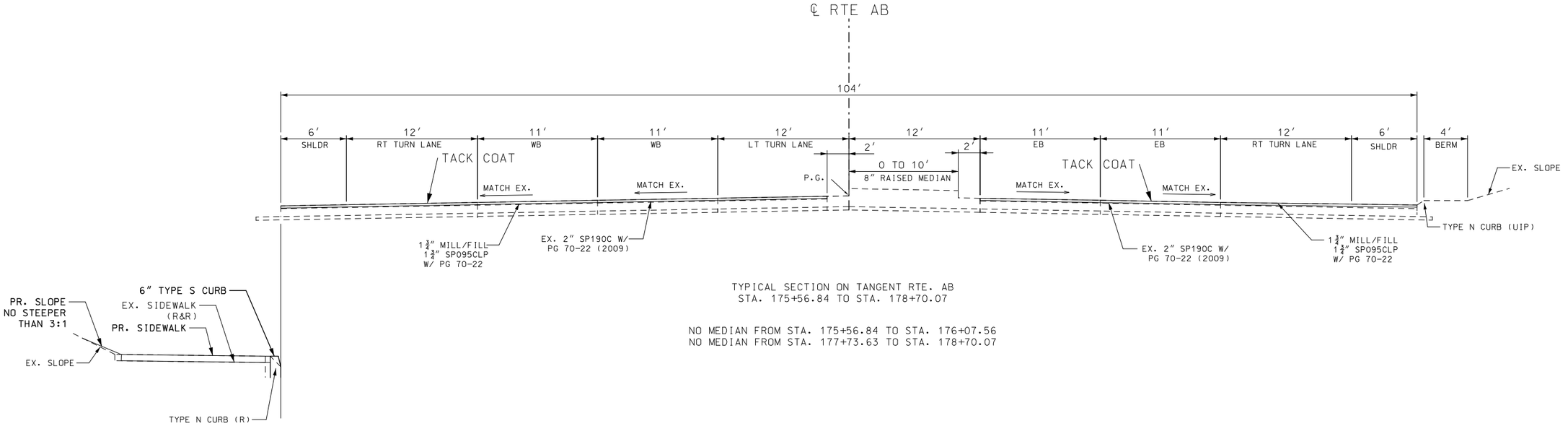
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

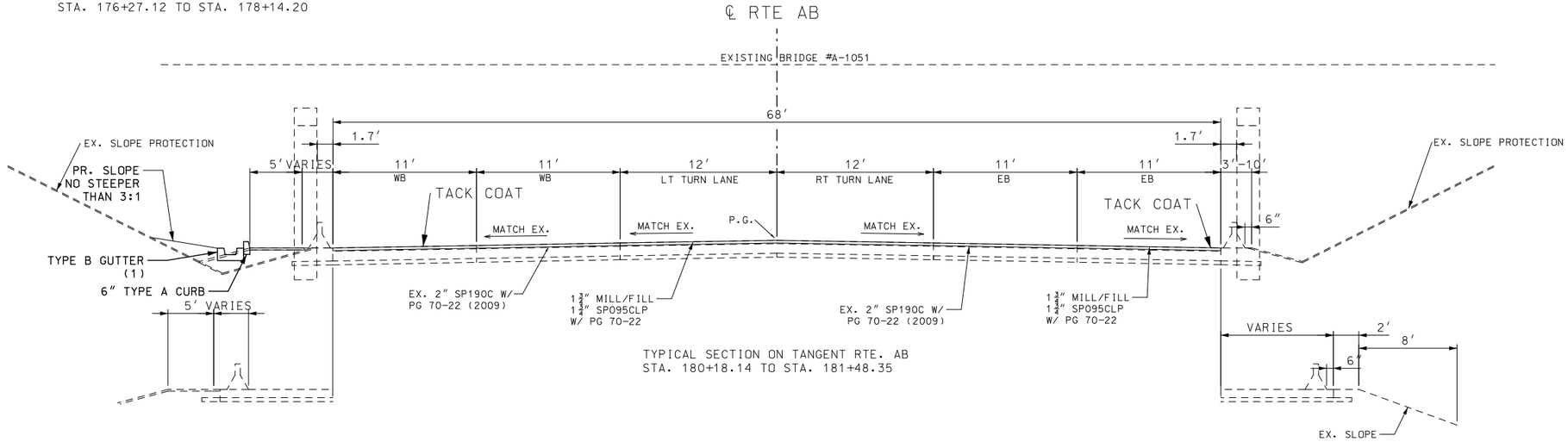
TYPICAL SECTION
SHEET 3 OF 6



TYPICAL SECTION ON TANGENT RTE. AB
STA. 175+56.84 TO STA. 178+70.07

NO MEDIAN FROM STA. 175+56.84 TO STA. 176+07.56
NO MEDIAN FROM STA. 177+73.63 TO STA. 178+70.07

SIDEWALK LIMITS
STA. 176+27.12 TO STA. 178+14.20



TYPICAL SECTION ON TANGENT RTE. AB
STA. 180+18.14 TO STA. 181+48.35

BARRIER NOT UNDER BRIDGE A-1051
STA. 178+70.07 TO STA. 180+18.14
STA. 181+48.35 TO STA. 183+00.56

BARRIER NOT UNDER BRIDGE A-1051
STA. 178+78.59 TO STA. 180+24.80
STA. 181+54.99 TO STA. 182+96.45

NOTES:

(1) TYPE A GUTTER TIES DIRECTLY INTO TYPE B GUTTER UNDER BRIDGE. SEE PLAN FOR LOCATIONS OF TYPE A AND TYPE B GUTTER.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:06:33 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

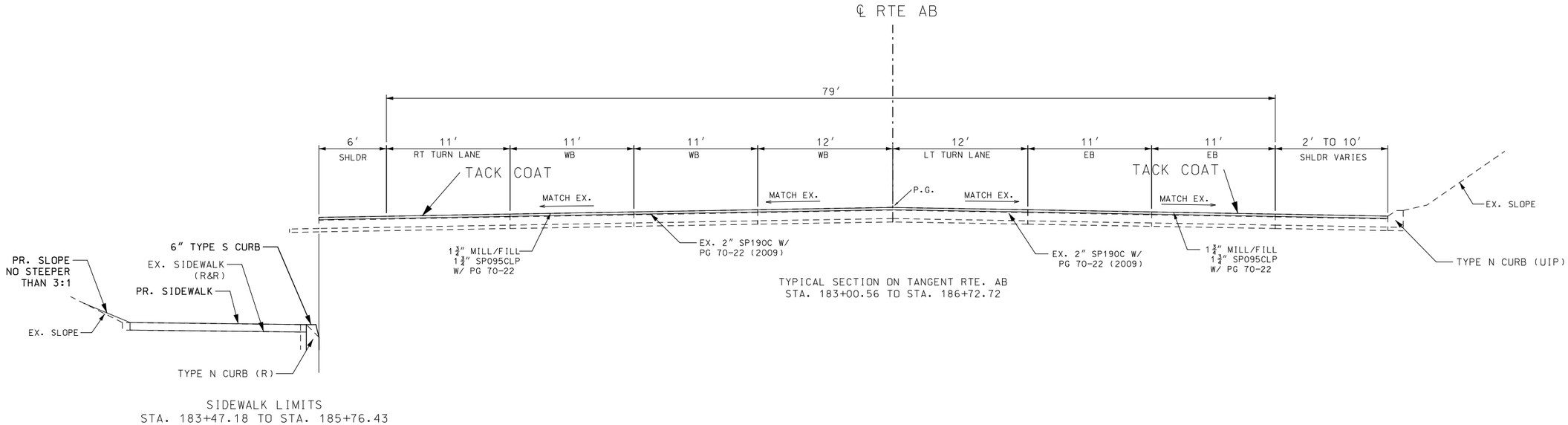
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

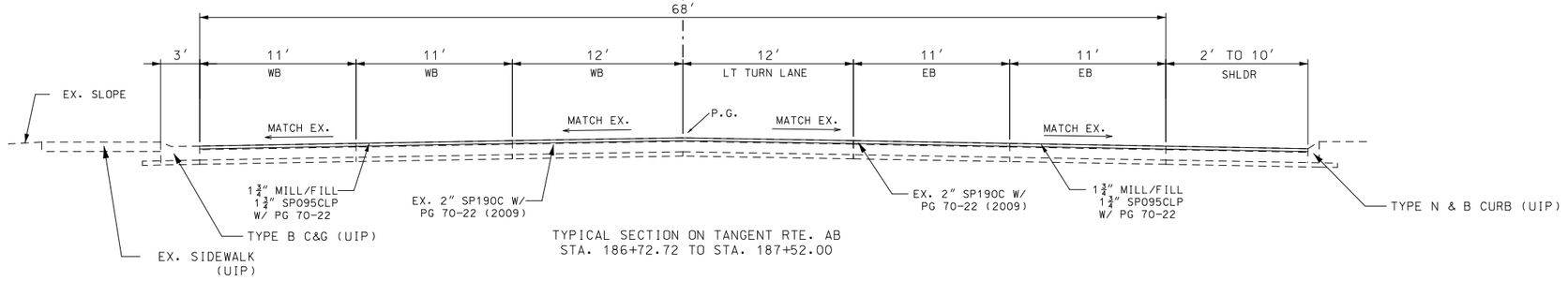
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION
SHEET 4 OF 6



TYPICAL SECTION ON TANGENT RTE. AB
STA. 183+00.56 TO STA. 186+72.72

SIDEWALK LIMITS
STA. 183+47.18 TO STA. 185+76.43



TYPICAL SECTION ON TANGENT RTE. AB
STA. 186+72.72 TO STA. 187+52.00

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
06/10/2024 8:06:41 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

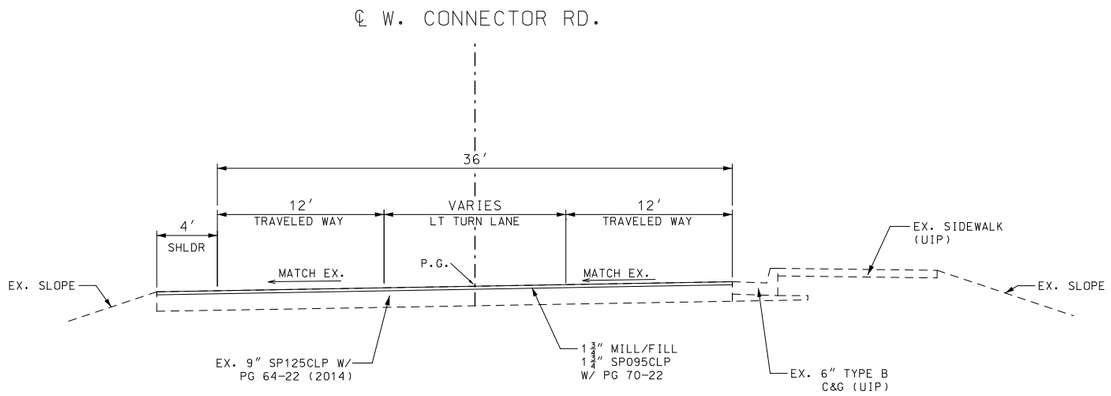
BRIDGE NO.

DESCRIPTION	DATE

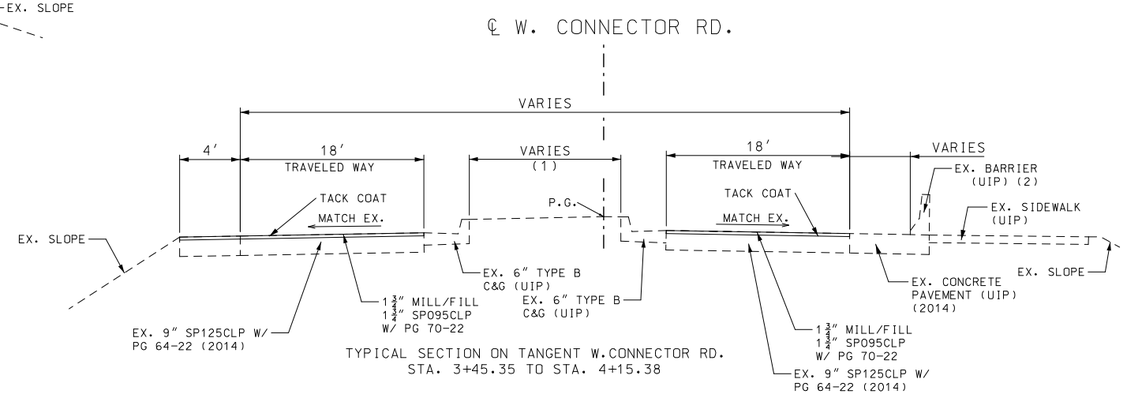
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

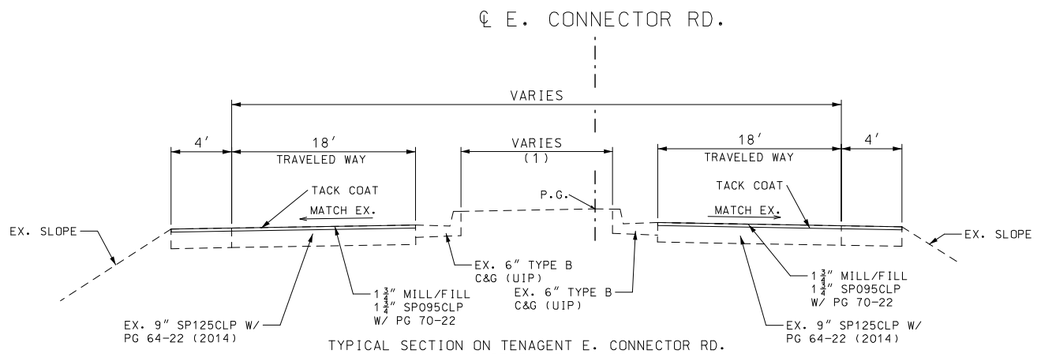
TYPICAL SECTION
SHEET 5 OF 6



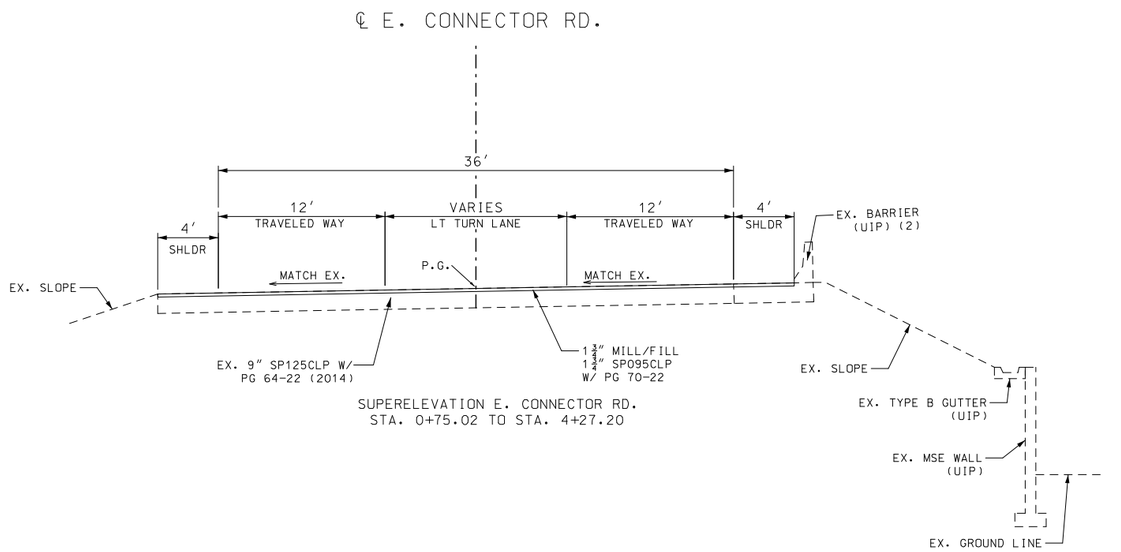
SUPERELEVATION W. CONNECTOR RD.
STA. 0+18.22 TO STA. 3+45.35



TYPICAL SECTION ON TANGENT W.CONNECTOR RD.
STA. 3+45.35 TO STA. 4+15.38



TYPICAL SECTION ON TENAGENT E. CONNECTOR RD.
STA. 0+27.57 TO STA. 0+75.02



SUPERELEVATION E. CONNECTOR RD.
STA. 0+75.02 TO STA. 4+27.20

NOTES:

(1) SEE PLAN SHEETS FOR WIDTH

(2) BARRIER HEIGHT TRANSITION SHALL BE USED INSTEAD OF GUARDRAIL FROM STA. 3+18.52 TO STA. 3+43.86

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:06:50 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TYPICAL SECTION
SHEET 6 OF 6

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

PLAN SHEET NO.	STATION	STATION	RDWY	LF	SF	EA	DESCRIPTION
5	00+80	1+51	E CONNECT RD	70			GUARDRAIL
5	1+50.3	1+63.8	E CONNECT RD	15			TYPE C BARRIER
5	4+15		E CONNECT RD			4	TRUNCATED DOMES
5	0+50.00	4+43.80	E CONNECT RD		320		SIDEWALK
6	2+77	3+44	W CONNECT RD	121			CURB & GUTTER (FACE ONLY)
6	0+25	3+43	W CONNECT RD	103			GUARDRAIL
6	0+27	3+44	W CONNECT RD		633		SIDEWALK
6	0+28		W CONNECT RD			5	TRUNCATED DOMES
6	0+28		W CONNECT RD	4			CONCRETE BARRIER
7	21+72	21+01	WOODS MILL RD	71			GUARDRAIL
7	12+43	13+09	AB	68			GUARDRAIL
8	19+48	20+18	AB	70			GUARDRAIL
8	19+85	20+67	AB	82			CURB
10	32+48		AB	4			30" DIA. CMP
10	32+48		AB			1	30" DIA. METAL GRATE
21	89+30	93+02	AB		1262.6		SIDEWALK
21	89+51	90+59	AB		128.3		RAISED ISLANDS
21	89+32	93+39	AB			8	TRUNCATED DOMES
21	89+31	90+54	AB			8	CURB RAMPS
21	91+57	93+39	AB		367		ASPHALT ENTRANCES
22	93+48	98+80	AB	1562			SIDEWALK
22	93+48	93+60	AB	11			CURB
22	97+03	97+80	AB		714		CONCRETE ENTRANCE
22	97+82	95+35	AB		942		ASPHALT ENTRANCES
23	98+80	99+55.7	AB		322		SIDEWALK
24	104+28	104+36	AB	9			CURB
24	106+29	109+60	AB		1740		SIDEWALK
25	109+60	112+96	AB		1698		SIDEWALK
25	112+78	112+96	AB	20			CURB
25	152+80	158+20	AB	75			METAL PIPE
33	157+54	157+84	AB		234		ASPHALT ENTRANCE
33	157+80	158+20	AB		213		SIDEWALK
34	158+20	163+14	AB		2046		SIDEWALK
34	158+48	162+46	AB		947		ASPHALT ENTRANCES
34	162+19	162+43	AB		27		CONCRETE ENTRANCE
34	163+05	163+41	AB	55			ROLLED CURB
34	162+84		AB	1899			SHOULDER REMOVAL
34	163+17		AB			1	CURB RAMP
34/35	163+17	163+81	AB		597		ASPHALT ENTRANCE
35	163+64	163+94	AB	61			ROLLED CURB
35	163+70	167+75	AB			3	CURB RAMP
35	163+84	169+00	AB		3199		SIDEWALK
35	166+32	168+00	AB		1552		ASPHALT ENTRANCES
36	169+00	174+00	AB		2732		SIDEWALK
36	169+44	172+89	AB		1418.4		ASPHALT ENTRANCES
36	170+59.7		AB			1	48" MANHOLE
36			AB	12			12" PIPE
36	171+88	172+64	AB	77			CONCRETE WALL
36	171+40	174+11	AB	252			ROLLED CURB
36/37	174+18	174+53	AB		297		ASPHALT ENTRANCE
37	174+40	179+80	AB		4155		SIDEWALK
37	174+59	177+99	AB	231			ROLLED CURB
37	175+39	178+74	AB			9	TRUNCATED DOMES
37	178+23	178+37	AB		93		RAISED ISLANDS
37	178+29	178+89	AB			2	SIGNAL POLES
37	175+44	178+78	AB			5	CURB RAMPS
37	175+45	178+85	AB			6	PULL BOXES
37	179+00		AB		8		6" RAISED MEDIAN
37	178+82		AB			1	PEDESTRIAN SIGNAL POLE
37	177+95		AB			1	SIGNAL CONTROLLER & CABINET
38	179+80	185+20	AB	2563			SIDEWALK
38	182+82	183+43	AB			2	SIGNAL POLES
38	182+91	183+86	AB			2	CURB RAMPS
38	182+96	183+53	AB			4	TRUNCATED DOMES
38	183+23	183+54	AB		350		RAISED ISLANDS
38	183+28		AB			1	PEDESTRIAN SIGNAL POLE
38	183+60	185+20	AB	162			ROLLED CURB
38	183+67	183+91	AB			2	PULL BOXES
38	183+94		AB			1	SIGNAL CONTROLLER & CABINET
39	185+20	186+88	AB	441			SIDEWALK
39	185+20	186+88	AB	87			ROLLED CURB

REMOVAL OF IMPROVEMENTS - 1 LUMP SUM

PLAN SHEET NO.	STATION	STATION	RDWY	LF	SF	EA	DESCRIPTION
39	185+86	186+09	AB		98		RAISED ISLANDS
39	185+62	186+74	AB			2	CURB RAMPS
39	185+74	186+61				4	TRUNCATED DOMES
39	186+01	186+41				2	SIGNAL POSTS
150-167	7+00	187+52.00	AB		271		SIGNS
150-167	7+00	187+52.00	AB			17	SIGN POSTS
150-167	7+00	187+52.00	AB			4	SIGN BASES
225-250	88+74	187+00	AB			5	TRAFFIC LOOP DETECTORS (PER INTERSECTION)
4-41	195+00	572+08	AB		594		FULL DEPTH PAVEMENT REPAIR REMOVAL
			PAY TOTAL		1 LUMP SUM		

* ALL VERTICAL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO REMOVALS OF IMPROVEMENTS

MOBILIZATION - 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING - 1 LUMP SUM

TURF TYPE TALL FESCUE SODDING - 1,500 SY

* LOCATIONS TO BE DETERMINED BY THE ENGINEER

ADDITIONAL MOBILIZATION FOR SEEDING - 2 EA.

* USED FOR SODDING

SUMMARY OF QUANTITIES
SHEET 1 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/28/2024 7:45:39 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/28/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

PAVEMENT (1 OF 2)

PLAN SHEET NO.	STATION	STATION	RDWY	LOCATION	AREA S.F.	AREA S.Y.	3" OR LESS COLDMILL S.Y.	1 3/4" SP095CLP W/ PG 70-22 (1.95 TONS/CY) TON	NON OR LOW TRACKING TACK GAL	REMARKS
4	11+26.35	13+10.71	AB	EASTBOUND	2815.5	312.8	312.8	29.7	31.3	MAINLINE
4	11+44.35	13+09.53	AB	WESTBOUND	2737.6	304.2	304.2	28.8	30.4	MAINLINE
5	0+50.00	4+27.17	O.R.	O.R.S. CONNECT	11022.2	1224.7	1224.7	116.1	122.5	EB AB TO O.R.
5	0+50.00	4+27.17	O.R.	O.R.S. CONNECT	9915.9	1101.8	1101.8	104.4	110.2	O.R. TO EB AB
6	0+18.22	4+00.00	O.R.	O.R.N. CONNECT	9576.6	1064.1	1064.1	100.9	106.4	WB AB TO O.R.
6	0+18.22	4+00.00	O.R.	O.R.N. CONNECT	8200.8	911.2	911.2	86.4	91.1	O.R. TO WB AB
7	12+40.00	17+80.00	AB	EASTBOUND	2788.3	309.8	309.8	29.4	31.0	MAINLINE
7	12+40.00	17+80.00	AB	WESTBOUND	2348.4	260.9	260.9	24.7	26.1	MAINLINE
8	17+80.00	23+20.00	AB	EASTBOUND	13806.4	1534.0	1534.0	145.4	153.4	MAINLINE
8	17+80.00	23+20.00	AB	WESTBOUND	21453.9	2383.8	2383.8	226.0	238.4	MAINLINE
9	23+20.00	28+60.00	AB	EASTBOUND	9847.6	1094.2	1094.2	103.7	109.4	MAINLINE
9	23+20.00	28+60.00	AB	WESTBOUND	9069.1	1007.7	1007.7	95.5	100.8	MAINLINE
10	28+60.00	34+00.00	AB	EASTBOUND	7143.1	793.7	793.7	75.2	79.4	MAINLINE
10	28+60.00	34+00.00	AB	WESTBOUND	9320.6	1035.6	1035.6	98.2	103.6	MAINLINE
11	34+00.00	39+40.00	AB	EASTBOUND	7773.9	863.8	863.8	81.9	86.4	MAINLINE
11	34+00.00	39+40.00	AB	WESTBOUND	8443.1	938.1	938.1	88.9	93.8	MAINLINE
12	39+40.00	44+80.00	AB	EASTBOUND	7567.9	840.9	840.9	79.7	84.1	MAINLINE
12	39+40.00	44+80.00	AB	WESTBOUND	8208.0	912.0	912.0	86.5	91.2	MAINLINE
13	44+80.00	50+20.00	AB	EASTBOUND	8415.5	935.1	935.1	88.6	93.5	MAINLINE
13	44+80.00	50+20.00	AB	WESTBOUND	7641.8	849.1	849.1	80.5	84.9	MAINLINE
14	50+20.00	55+60.00	AB	EASTBOUND	7632.9	848.1	848.1	80.4	84.8	MAINLINE
14	50+20.00	55+60.00	AB	WESTBOUND	8775.6	975.1	975.1	92.4	97.5	MAINLINE
15	55+60.00	61+00.00	AB	EASTBOUND	8038.0	893.1	893.1	84.7	89.3	MAINLINE
15	55+60.00	61+00.00	AB	WESTBOUND	8367.4	929.7	929.7	88.1	93.0	MAINLINE
16	61+00.00	66+40.00	AB	EASTBOUND	8169.5	907.7	907.7	86.0	90.8	MAINLINE
16	61+00.00	66+40.00	AB	WESTBOUND	8290.4	921.2	921.2	87.3	92.1	MAINLINE
17	66+40.00	71+80.00	AB	EASTBOUND	7879.2	875.5	875.5	83.0	87.6	MAINLINE
17	66+40.00	71+80.00	AB	WESTBOUND	7935.1	881.7	881.7	83.6	88.2	MAINLINE
18	71+80.00	77+20.00	AB	EASTBOUND	8263.5	918.2	918.2	87.0	91.8	MAINLINE
18	71+80.00	77+20.00	AB	WESTBOUND	7616.9	846.3	846.3	80.2	84.6	MAINLINE
19	77+20.00	82+60.00	AB	EASTBOUND	8025.5	891.7	891.7	84.5	89.2	MAINLINE
19	77+20.00	82+60.00	AB	WESTBOUND	8356.0	928.4	928.4	88.0	92.8	MAINLINE
20	82+60.00	88+00.00	AB	EASTBOUND	10285.1	1142.8	1142.8	108.3	114.3	MAINLINE
20	82+60.00	88+00.00	AB	WESTBOUND	10514.2	1168.2	1168.2	110.7	116.8	MAINLINE
21	88+00.00	93+40.00	AB	EASTBOUND	9890.4	1098.9	1098.9	104.2	109.9	MAINLINE
21	88+00.00	93+40.00	AB	WESTBOUND	9792.4	1088.0	1088.0	103.1	108.8	MAINLINE
21	88+81.67	93+36.08	AB	N MASON RD.	8293.7	921.5	921.5	87.4	92.2	SIDE STREET
22	93+40.00	98+80.00	AB	EASTBOUND	8578.0	953.1	953.1	90.3	95.3	MAINLINE
22	93+40.00	98+80.00	AB	WESTBOUND	8380.4	931.2	931.2	88.3	93.1	MAINLINE
23	98+80.00	104+20.00	AB	EASTBOUND	7376.2	819.6	819.6	77.7	82.0	MAINLINE
23	100+91.03	102+14.27	AB	LADUE AIRE DR.	1437.6	159.7	159.7	15.1	16.0	SIDE STREET
23	103+46.15	104+29.96	AB	LADUEMONT DR.	1941.4	215.7	215.7	20.4	21.6	SIDE STREET
23	98+80.00	104+20.00	AB	WESTBOUND	8277.7	919.7	919.7	87.2	92.0	MAINLINE
24	104+20.00	109+60.00	AB	EASTBOUND	4442.5	493.6	493.6	46.8	49.4	MAINLINE
24	104+20.00	109+60.00	AB	WESTBOUND	5260.8	584.5	584.5	55.4	58.5	MAINLINE
25	109+60.00	115+00.00	AB	EASTBOUND	7750.6	861.2	861.2	81.6	86.1	MAINLINE
25	109+60.00	115+00.00	AB	WESTBOUND	8319.4	924.4	924.4	87.6	92.4	MAINLINE
26	115+00.00	120+40.00	AB	EASTBOUND	8849.3	983.3	983.3	93.2	98.3	MAINLINE
26	115+00.00	120+40.00	AB	WESTBOUND	7700.3	855.6	855.6	81.1	85.6	MAINLINE
27	120+40.00	125+80.00	AB	EASTBOUND	8722.5	969.2	969.2	91.9	96.9	MAINLINE
27	120+40.00	125+80.00	AB	WESTBOUND	8006.8	889.6	889.6	84.3	89.0	MAINLINE
28	125+80.00	131+20.00	AB	EASTBOUND	9584.4	1064.9	1064.9	100.9	106.5	MAINLINE
28	125+80.00	131+20.00	AB	WESTBOUND	7148.3	794.3	794.3	75.3	79.4	MAINLINE
29	131+20.00	136+60.00	AB	EASTBOUND	9555.2	1061.7	1061.7	100.6	106.2	MAINLINE
29	131+20.00	136+60.00	AB	WESTBOUND	6679.3	742.1	742.1	70.3	74.2	MAINLINE
						SUBTOTALS 1	49137.0	4657.4	4914.1	

SUMMARY OF QUANTITIES
SHEET 2 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:04:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SUMMARY OF QUANTITIES

PAVEMENT (2 OF 2)

PLAN SHEET NO.	STATION	STATION	RDWY	LOCATION	AREA S.F.	AREA S.Y.	3" OR LESS COLDMILL S.Y.	1 3/4" SP095CLP W/ PG 70-22 (1.95 TONS/CY) TON	NON OR LOW TRACKING TACK GAL	REMARKS
30	136+60.00	142+00.00	AB	EASTBOUND	10120.3	1124.5	1124.5	106.6	112.5	MAINLINE
30	136+60.00	142+00.00	AB	WESTBOUND	6289.4	698.8	698.8	66.2	69.9	MAINLINE
30	137+40.80	138+29.34	AB	AMBLESIDE LANE	1278.2	142.0	142.0	13.5	14.2	SIDE STREET
31	142+00.00	147+40.00	AB	EASTBOUND	9906.7	1100.7	1100.7	104.3	110.1	MAINLINE
31	147+40.00	152+80.00	AB	WESTBOUND	6774.6	752.7	752.7	71.4	75.3	MAINLINE
32	147+40.00	152+80.00	AB	EASTBOUND	8679.1	964.3	964.3	91.4	96.4	MAINLINE
32	152+80.00	158+20.00	AB	WESTBOUND	7155.3	795.0	795.0	75.4	79.5	MAINLINE
33	152+80.00	158+20.00	AB	EASTBOUND	8491.9	943.5	943.5	89.4	94.4	MAINLINE
33	158+20.00	163+60.00	AB	WESTBOUND	6896.2	766.2	766.2	72.6	76.6	MAINLINE
34	158+20.00	163+60.00	AB	EASTBOUND	7283.0	809.2	809.2	76.7	80.9	MAINLINE
34	163+60.00	169+00.00	AB	WESTBOUND	8031.5	892.4	892.4	84.6	89.2	MAINLINE
35	163+60.00	169+00.00	AB	EASTBOUND	7223.0	802.6	802.6	76.1	80.3	MAINLINE
35	169+00.00	174+40.00	AB	WESTBOUND	8357.6	928.6	928.6	88.0	92.9	MAINLINE
36	169+00.00	174+40.00	AB	EASTBOUND	12691.2	1410.1	1410.1	133.7	141.0	MAINLINE
36	174+40.00	179+80.00	AB	WESTBOUND	10908.1	1212.0	1212.0	114.9	121.2	MAINLINE
37	174+40.00	179+80.00	AB	EASTBOUND	22978.9	2553.2	2553.2	242.0	255.3	MAINLINE
37	174+40.00	179+80.00	AB	WESTBOUND	22571.4	2507.9	2507.9	237.7	250.8	MAINLINE
37	175+40.14	176+25.78	AB	COEUR DE VILLE DR.	3452.2	383.6	383.6	36.4	38.4	SIDE STREET
37	178+31.43	178+82.71	AB	ON RAMP	4841.2	537.9	537.9	51.0	53.8	SB I-270 ON RAMP
37	178+12.23	178+73.28	AB	OFF RAMP	6692.8	743.6	743.6	70.5	74.4	SB I-270 OFF RAMP
38	179+80.00	185+20.00	AB	EASTBOUND	18892.2	2099.1	2099.1	199.0	209.9	MAINLINE
38	179+80.00	185+20.00	AB	WESTBOUND	21855.9	2428.4	2428.4	230.2	242.8	MAINLINE
38	182+95.20	184+22.42	AB	OFF RAMP	4125.9	458.4	458.4	43.5	45.8	NB I-270 OFF RAMP
38	182+97.73	183+52.62	AB	ON RAMP	4621.8	513.5	513.5	48.7	51.4	NB I-270 ON RAMP
39	185+20.00	187+52.40	AB	EASTBOUND	8422.7	935.9	935.9	88.7	93.6	MAINLINE
39	185+20.00	187+52.40	AB	WESTBOUND	10595.2	1177.2	1177.2	111.6	117.7	MAINLINE
39	185+74.09	186+78.49	AB	EMERSON ROAD	3996.8	444.1	444.1	42.1	44.4	SIDE STREET
40	178+12.23	178+73.28	AB	I-270 SB OFF	12383.8	1376.0	1376.0	130.4	137.6	SB I-270 OFF RAMP
40	182+97.73	183+52.62	AB	I-270 NB ON	5057.0	561.9	561.9	53.3	56.2	NB I-270 ON RAMP
41	178+31.43	178+82.71	AB	I-270 SB ON	6679.2	742.1	742.1	70.3	74.2	SB I-270 ON RAMP
						SUBTOTALS 2	30805.4	2920.2	3080.7	
						SUBTOTALS 1	49137.0	4657.4	4914.1	
						TOTALS	79942.4	7577.6	7994.8	
						PAY TOTALS	79942	7577.6	7995	

PAVEMENT REPAIRS

PLAN SHEET NO.	STA.	RDWY	LOC-ATION	WIDTH FT	FULL LENGTH FT	DEPTH PAVEMENT REPAIR: FURNISHING & PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR S.Y.	DEPTH PAVEMENT REPAIR: SUBGRADE COMPACTION (6 IN DEPTH) S.Y.	DEPTH PAVEMENT REPAIR: TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN THICK) S.Y.	DEPTH PAVEMENT REPAIR: FULL DEPTH PAVEMENT REPAIR SAW CUT L.F.	DEPTH PAVEMENT REPAIR: DOWEL BAR FOR FULL DEPTH PVMT REPAIR EA.	DEPTH PAVEMENT REPAIR: TIE BAR FOR FULL DEPTH PVMT REPAIR EA.	PARTIAL DEPTH PVMT REPAIR: FURNISHING & PLACING CONCRETE MATERIAL FOR CLASS B PARTIAL PAVEMENT REPAIR TONS	PARTIAL DEPTH PVMT REPAIR: REMOVAL FOR CLASS B PARTIAL DEPTH PVMT REPAIR S.Y.	SHOULDER REPAIR: TYPE A3 SHOULDER S.Y.	SHOULDER REPAIR: SHOULDER REMOVAL S.Y.	DESCRIPTION
10	31+05	AB	LT	6	8	5.3	5.3	5.3	28.0	3.0	4.0					LOCATION TBD BY ENGINEER
19	81+79	AB	LT & RT	10	22							5.4	24.4			LOCATION TBD BY ENGINEER
21	92+19	AB	LT	2	150							7.4	33.3			LOCATION TBD BY ENGINEER
24	105+81	AB	RT	8	12	10.7	10.7	10.7	40.0	4.0	6.0					LOCATION TBD BY ENGINEER
24	105+81	AB	RT	2	50							2.5	11.1			LOCATION TBD BY ENGINEER
37	178+68	AB	RT	6	33	22.0	22.0	22.0	78.0	3.0	16.5					LOCATION TBD BY ENGINEER
14	50+32	AB	LT	3	50	17.0	17.0	17.0	106.0							SHLDR REPAIR, LOC TBD BY ENGINEER
17	71+33	AB	LT	3	15							5.0	5.0			SHLDR REPAIR, LOC TBD BY ENGINEER
34	162+84	AB	RT	3	633									211.0	211.0	SHLDR REPAIR, LOC TBD BY ENGINEER
VAR.	VAR.	109	VAR.	VAR.	VAR.	11.0	11.0	11.0	50.4	2.0	5.3	4.1	14.8			20% ADDED FOR ADDITIONAL REPAIRS
					SUBTOTAL	66.0	66.0	66.0	302.4	12.0	31.8	24.4	88.6	211.0	211.0	
					PAY TOTAL	66	66	*	302	12	32	24	89	211	**	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

** PAID FOR IN 'REMOVALS OF IMPROVEMENTS' PAY ITEM.

*** AREAS AND LOCATIONS OF PAVEMENT REPAIRS ARE AN APPROXIMATION.

SUMMARY OF QUANTITIES
SHEET 3 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/21/2024 1:05:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/20/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	3

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

SUMMARY OF QUANTITIES

SIDEWALK, ADA, TRUNCATED DOMES, CUT THROUGHS (1 OF 2)

PLAN SHEET NO	RDWY	STA	STA	LOC	LENGTH FT.	PAID AREA S.F.	4 IN. CONCRETE SIDEWALK S.Y.	8 IN. CONCRETE SIDEWALK S.Y.	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	TRUNCATED DOMES S.F.	ADA CONCRETE CURB RAMP EA.	6.5 FT. x 7 FT. DRAINAGE FLUME EA.	7 FT. x 7 FT. DRAINAGE FLUME EA.	SIDEWALK HAND-RAILING W/ BALUSTERS L.F.	REMARKS
5	S.O.R.	4+04.50	4+13.16	RT	20.7	134.0	14.9		14.9	25.6					ISLAND CUT-THROUGH
5	S.O.R.	4+13.90	4+16.00	LT	30.0	186.4	20.7		20.7	25.6					ISLAND CUT-THROUGH
6	N.O.R.	0+28.89	0+42.59	RT	27.5	136.2	15.1		15.1						
6	N.O.R.	0+42.59	0+55.75	RT						12.0	2				COMP. PERP. RMAP
6	N.O.R.	0+55.75	0+60.04	RT	9.2	46.4	5.2		5.2						
6	N.O.R.	0+28.52	0+30.07	RT	11.0	83.2	9.2		9.2	30.9					ISLAND CUT-THROUGH
6	N.O.R.	0+31.32	0+38.06	LT	18.1	111.5	12.4		12.4	25.3					ISLAND CUT-THROUGH
6	N.O.R.	2+77.39	3+43.62	RT	74.2	327.8	36.4		36.4						
21	AB	89+28.35	89+37.69	LT						10.0	1				COMP. PERP. RAMP
21	AB	89+59.18	89+74.60	RT						18.2	1				TYPE 3 PARA. RAMP
21	AB	89+52.99	89+74.77	LT	27.0	140.8	15.6		15.6	31.0					ISLAND CUT-THROUGH
21	AB	89+67.30	89+68.97	RT	7.7	36.7	4.1		4.1						
21	AB	90+18.58	90+37.85	LT	20.0	101.0	11.2		11.2	20.0					ISLAND CUT-THROUGH
21	AB	90+34.99	90+53.57	RT						10.0	1				SM. RAD. PERP. RAMP
21	AB	90+47.57	90+59.08	LT						10.0	1				COMP. PERP. RAMP
21	AB	90+53.57	91+39.99	RT	88.2	516.5	57.4		57.4						
21	AB	91+39.99	91+62.77	RT							1				LG. RAD. PERP. RAMP
21	AB	91+80.66	92+03.04	RT							1				SM. RAD. PERP. RAMP
21	AB	92+03.04	92+95.03	RT	92.0	551.1	61.2		61.2						
21	AB	92+95.03	93+17.58	RT							1				SM. RAD. PERP. RAMP
21-22	AB	93+33.50	93+55.41	RT							1				SM. RAD. PERP. RAMP
22	AB	93+55.41	93+72.62	RT	23.4	117.9	13.1		13.1						
22	AB	93+72.62	93+87.91	RT							1				SM. RAD. PERP. RAMP
22	AB	94+07.12	94+22.41	RT							1				SM. RAD. PERP. RAMP
22	AB	94+22.41	94+95.67	RT	73.3	366.3	40.7		40.7						
22	AB	94+95.67	95+10.67	RT							1				SM. RAD. PERP. RAMP
22	AB	95+30.19	95+45.55	RT							1				SM. RAD. PERP. RAMP
22	AB	95+45.55	97+13.19	RT	167.6	838.2	93.1		93.1						
22	AB	97+13.19	97+32.38	RT						10.0	1				SM. RAD. PERP. RAMP
22	AB	97+60.46	97+80.49	RT						10.0	1				SM. RAD. PERP. RAMP
22-23	AB	97+80.49	99+55.72	RT	175.2	898.4	99.8		99.8						
24	AB	107+32.64	107+39.64	RT					5.4				1		
24	AB	108+82.19	108+89.19	RT					5.4				1		
25	AB	110+00.00	110+31.74	RT	31.8	174.5	19.4		19.4						
25	AB	110+29.31	110+31.81	RT	2.5	1.7		0.2	0.2						FOR HAND-RAIL
25	AB	110+31.74	110+38.75	RT					5.1			1		12	
25	AB	110+38.81	110+41.31	RT	2.5	1.7		0.2	0.2						FOR HAND-RAIL
25	AB	110+38.75	112+96.00	RT	257.0	1530.5	170.1		170.1						
33	AB	157+77.61	157+97.66	RT		1.7	0.2		0.2		1				SM. RAD. PERP. RAMP
33-34	AB	157+97.66	158+34.26	RT	36.6	221.0	24.6		24.6						
34	AB	158+34.26	158+54.79	RT							1				SM. RAD. PERP. RAMP
34	AB	158+92.91	159+15.70	RT							1				LG. RAD. PERP. RAMP
34	AB	159+15.70	160+52.90	RT	137.2	865.2	96.1		96.1						
34	AB	160+52.90	160+73.48	RT							1				SM. RAD. PERP. RAMP
34	AB	161+01.97	161+22.27	RT							1				SM. RAD. PERP. RAMP
34	AB	161+22.27	162+03.77	RT	81.5	489.7	54.4		54.4						
34	AB	162+03.77	162+24.29	RT							1				SM. RAD. PERP. RAMP
34	AB	162+38.13	162+59.23	RT							1				SM. RAD. PERP. RAMP
34	AB	162+59.23	163+12.70	RT	55.0	311.8	34.6		34.6						
34	AB	163+12.70	163+33.03	RT						10.0	1				SM. RAD. PERP. RAMP
35	AB	163+66.05	163+88.77	RT						10.0	1				SM. RAD. PERP. RAMP
35	AB	163+88.77	166+21.03	RT	233.8	1396.3	155.1		155.1						
35	AB	166+15.26	167+19.25	LT	105.1	544.1	60.5		60.5						
35	AB	166+21.03	166+42.17	RT							1				SM. RAD. PERP. RAMP
35	AB	166+71.43	166+93.38	RT							1				SM. RAD. PERP. RAMP
35	AB	166+93.38	167+16.57	RT	23.2	139.2	15.5		15.5						
35	AB	167+16.57	167+38.79	RT							1				LG. RAD. PERP. RAMP
						TOTALS	1140.6	0.4	1156.9	258.6	28.0	1.0	2.0	12.0	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

SUMMARY OF QUANTITIES
SHEET 4 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:05:16 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE AB | STATE MO
DISTRICT SL | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. J6S3633
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

SIDEWALK, ADA, TRUNCATED DOMES, CUT THROUGHS (2 OF 2)

PLAN SHEET NO	RDWY	STA	STA	LOC	LENGTH FT.	PAID AREA S.F.	4 IN. CONCRETE SIDEWALK S.Y.	8 IN. CONCRETE SIDEWALK S.Y.	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	TRUNCATED DOMES S.F.	ADA CONCRETE CURB RAMP EA.	6.5 FT. x 7 FT. DRAINAGE FLUME EA.	7 FT. x 7 FT. DRAINAGE FLUME EA.	SIDEWALK HAND-RAILING W/ BALUSTERS L.F.	REMARKS
35	AB	167+19.25	167+40.26	LT							1				SM. RAD. PERP. RAMP
35	AB	167+65.96	167+86.63	LT							1				SM. RAD. PERP. RAMP
35-36	AB	167+86.63	169+03.77	LT	117.0	606.3	67.4		67.4						
35	AB	167+93.29	168+15.29	RT							1				LG. RAD. PERP. RAMP
35-36	AB	168+15.29	169+30.71	RT	115.4	692.8	77.0		77.0						
36	AB	169+30.71	169+51.60	RT							1				LG. RAD. PERP. RAMP
36	AB	169+72.48	169+94.93	RT							1				SM. RAD. PERP. RAMP
36	AB	169+94.93	170+49.97	RT	55.0	331.3	36.8		36.8						
36	AB	170+49.97	170+71.74	RT							1				SM. RAD. PERP. RAMP
36	AB	171+26.13	171+46.90	RT							1				LG. RAD. PERP. RAMP
36	AB	171+46.90	172+45.56	RT	99.0	578.7	64.3		64.3						
36	AB	172+45.56	172+65.28	RT							1				SM. RAD. PERP. RAMP
36	AB	172+81.19	173+01.39	RT							1				LG. RAD. PERP. RAMP
36	AB	173+01.39	174+03.54	RT	104.8	518.4	57.6		57.6						
36-37	AB	173+17.48	175+43.72	LT	226.7	150.9		16.8	16.8						FOR HAND-RAIL
36-37	AB	173+17.48	175+43.72	LT	226.7	1282.3	142.5		142.5					229	
36	AB	174+03.54	174+25.06	RT							1				LG. RAD. PERP. RAMP
37	AB	174+45.19	174+66.34	RT							1				LG. RAD. PERP. RAMP
37	AB	174+66.34	175+28.55	RT	62.3	372.2	41.4		41.4						
37	AB	175+28.55	175+44.22	RT						10.0	1				TYPE 3 PARA. RAMP
37	AB	175+43.72	175+56.42	LT						28.8	1				BLENDED TRANSITION
37	AB	175+44.02	175+49.80	LT	5.8	31.1	3.5		3.5						
37	AB	176+03.93	176+05.88	LT						9.6					
37	AB	176+08.59	176+13.11	LT						9.4					
37	AB	176+27.55	176+49.33	LT						10.8	1				TYPE 1 PARA. RAMP
37	AB	176+49.33	177+93.89	LT	144.8	898.1	99.8		99.8						
37	AB	177+93.89	178+13.81	LT						10.3	1				TYPE 1 PARA. RAMP
37	AB	178+28.53	178+37.17	LT	7.2	36.6	4.1		4.1	20.0					ISLAND CUT-THROUGH
37	AB	178+70.05	178+85.67	LT						10.0	1				SM. RAD. PERP. RAMP
37-38	AB	178+85.67	182+83.37	LT	398.7	2125.4	236.2		236.2						
38	AB	182+83.37	182+99.50	LT						10.2	1				SM. RAD. PERP. RAMP
38	AB	183+23.99	183+38.62	LT	13.2	69.5	7.7		7.7	20.6					ISLAND CUT-THROUGH
38	AB	183+47.08	183+64.35	LT						10.1	1				TYPE 3 PARA. RAMP
38-39	AB	183+64.35	185+66.85	LT	203.6	1245.5	138.4		138.4						
39	AB	185+66.85	185+79.67	LT						10.0	1				TYPE 3 PARA. RAMP
39	AB	185+94.50	186+08.10	LT	14.5	73.4	8.2		8.2	19.6					ISLAND CUT-THROUGH
39	AB	186+45.05	186+68.54	LT						16.4	1				TYPE 2 PARA. RAMP
39	AB	186+68.54	186+88.00	LT	19.6	113.2	12.6		12.6						
						SUBTOTALS 2	997.5	16.8	1014.3	195.8	20.0	0.0	0.0	229.0	
						SUBTOTALS 1	1140.6	0.4	1156.9	258.6	28.0	1.0	2.0	12.0	
						PAY TOTALS	2138.1	17.2	*	455	48	1	2	241	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

MGS GUARDRAIL SYSTEM

PLAN SHEET NO.	STA	STA	RDWY	LOC	MGS GUARDRAIL L.F.	MGS GUARDRAIL 8 FT. POSTS 6 FT.-3 SPACING L.F.	MGS TYPE A CRASHWORTHY END TERMINAL EA.	MGS BRIDGE TRANSITION SECTION EA.	MGS VERTICAL CONC. BARRIER TRANSITION EA.	CLASS 3 SHAPING SLOPES MODIFIED STA.	REMARKS
5	0+80.30	1+63.75	S.O.R. CONNECT	RT			1		1	0.8	
5 & 7	12+04.17	13+09.16	AB	RT	100		1	1		0.8	
7	20+84.57	21+72.07	WOODS MILL	RT			1		1	0.8	
8	19+47.87	20+36.50	AB	LT			1		1	0.8	
11	34+54.99	37+19.76	AB	LT		162.5	2			1.6	
13-14	48+29.61		AB	RT	175		2			1.6	
13-14	48+68.64		AB	LT	125		2			1.6	
18	72+36.53	73+64.21	AB	LT	25		2			1.6	
26-27	116+88.85	121+41.11	AB	RT	350		2			1.6	
30	138+24.17	140+76.44	AB	RT	150		2			1.6	
31	144+62.87	146+77.63	AB	RT	112.5		2			1.6	
32-33	148+32.75	153+33.7	AB	RT		400	2			1.6	
				TOTALS	1037.5	562.5	20	1	3	16	
				PAY TOTALS	1038	563	20	1	3	16	

SUMMARY OF QUANTITIES
SHEET 5 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:05:27 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/20/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

ENTRANCES AND STREET CONNECTIONS

PLAN SHEET NO.	RDWY	STA	LOC	LENGTH L.F.	7 IN. PAVED CONCRETE APPROACH S.Y.	8 IN. PAVED CONCRETE APPROACH S.Y.	4 IN. TYPE 5 AGGREGATE BASE S.Y.	REMARKS
6	WOODS MILL	18+84.12	RT	50		11.1	11.1	FOR BARRIER
6	N.O.R.	3+10.00	RT	70		16.2	16.2	FOR BARRIER
21	AB	91+71.75	RT	10	23.6		23.6	
21	AB	93+25.39	RT	7.6	17.5		17.5	
22	AB	93+99.55	RT	20.7	51.0		51.0	
22	AB	95+22.30	RT	23.5	55.7		55.7	
22	AB	97+46.55	RT	15.5		79.4	79.4	PINEHURST RD
33	AB	157+67.70	RT	11.4	26.4		26.4	
34	AB	158+65.83	RT	10.6	26.7		26.7	
34	AB	158+84.61	RT	13.1	21.7		21.7	
34	AB	160+82.13	RT	14.5	27.4		27.4	
34	AB	160+96.25	RT	14.5	19.4		19.4	
34	AB	162+31.81	RT	7.6	14.3		14.3	
34-35	AB	163+50.59	RT	13.7		67.2	67.2	LADUE PINES RD
35	AB	166+57.12	RT	11.7	39.4		39.4	
35	AB	167+49.86	RT	10.5	31.8		31.8	
35	AB	167+52.97	LT	19.8		78.8	78.8	
35	AB	167+85.27	RT	10.5	25.5		25.5	
36	AB	169+62.55	RT	11.5	29.4		29.4	
36	AB	170+77.32	RT	25.5	41.1		41.1	
36	AB	171+13.04	RT	11.4	38.1		38.1	
36	AB	172+74.68	RT	24.5	51.2		51.2	
36-37	AB	174+36.78	RT	14.6	33.4		33.4	
38	AB	182+97.90	LT			4.6	4.6	TRUCK APRON
38	AB	183+31.80	LT			1.6	1.6	FRONT OF ISLAND
				TOTALS	573.6	258.9	832.5	
				PAY TOTALS	573.6	258.9	*	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

TYPE 5 AGGREGATE SUMMARY

DESCRIPTION	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	REMARKS
FOR SIDEWALK	2171.2	
FOR MONOLITHIC SIDEWALK	278.0	
FOR CONCRETE ENTRANCES	832.5	
FOR CURB, CURB & GUTTER	127.3	
PAVEMENT REPAIRS	66.0	
TOTALS	3475.0	
PAY TOTALS	3475.0	

RAISED MEDIAN AND CONCRETE BARRIER

PLAN SHEET NO	RDWY	STA	STA	LOC	AREA S.F.	6 IN. CONC. MEDIAN STRIP S.Y.	TYPE B CONCRETE BARRIER L.F.	TYPE B BARRIER HEIGHT TRANSITION L.F.	TYPE C BARRIER L.F.	TYPE C BARRIER HEIGHT TRANSITION L.F.	REMARKS
6	WOODS MILL	18+55.52	18+84.12	RT			30.0				
6	WOODS MILL	18+84.12	19+01.65	RT				20.0			
6	W.O.R.	2+77.40	3+02.31	RT						27.7	
6	W.O.R.	3+02.31	3+43.90	RT					42.3		
21	AB	89+51.17	89+74.76	LT	92.3	10.3					
21	AB	90+18.40	90+33.27	LT	26.1	2.9					
24-25	AB	106+29.86	110+00.00	RT					370.2		DOWEL TO SW
25	AB	110+31.81	110+38.81	RT							
37	AB	178+22.97	178+37.53	LT	93.2	10.4					
37	AB	179+00.50	179+04.50	LT	7.8	0.9					
38	AB	183+23.68	183+43.26	LT	101	11.2					
38	AB	183+27.65	183+53.93	RT	309.8	34.4					
39	AB	185+86.21	186+09.77	LT	193	21.4					
					TOTALS	91.5	30	20	412.5	27.7	
					PAY TOTALS	91.5	30	20	413	28	

MONOLITHIC SIDEWALK

PLAN SHEET NO	RDWY	STA	STA	LOC	LENGTH FT.	8 IN. THICK SIDEWALK AREA S.F.	9 IN. THICK DEPTH KEY AREA S.F.	CLASS B CONCRETE C.Y.	REINFORCING STEEL EPOXY COATED LBS.	TYPE 5 AGG. FOR BASE (4 IN. THICK) S.Y.	REMARKS
24	AB	106+29.77	107+32.64	RT	73.1	728.1	7.8	18.2	256.0	80.9	
24	AB	107+39.64	108+82.19	RT	142.6	998.1	2.1	24.7	498.0	110.9	
24-25	AB	108+89.19	110+00.00	RT	110.8	775.8	6.5	19.3	384.0	86.2	
							SUBTOTALS	62.2	1138.0	278.0	
							PAY TOTALS	62.2	1140.0	*	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

SUMMARY OF QUANTITIES
SHEET 6 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:05:38 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/20/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

CURB, AND CURB & GUTTER

PLAN SHEET NO.	RDWY	STA	STA	LOC	CURB & GUTTER TYPE B L.F.	TYPE S CONC. CURB (6" OR LESS) L.F.	VARIABLE HEIGHT CURB L.F.	TYPE A GUTTER L.F.	MOD. TYPE A GUTTER L.F.	TYPE B GUTTER L.F.	TYPE A TO TYPE B GUTTER TRANSITION L.F.	TYPE 5 AGG. BASE (4 IN. THICK) S.Y.	REMARKS
6	O.R.N.	0+38.45	0+40.95	RT			5.0						
6	O.R.N.	0+41.61	0+44.22	RT			5.2						
6	O.R.N.	0+54.12	0+58.27	RT			9.2						
6	O.R.N.	0+57.35	0+61.51	RT			8.7						
8	AB	19+85.37	20+66.50	LT		81.1							4" FOR GUARDRAIL
21	AB	89+33.39	89+35.71	LT		3.1							
21	AB	89+39.81	89+41.21	LT		2.8							
21	AB	90+45.41	90+47.13	LT		2.4							
21	AB	90+51.91	90+55.45	LT		4.0							
22	AB	93+48.50	93+58.72	RT		10.2							
24	AB	104+28.50	104+36.43	RT		10.0							
24	AB	107+32.54	107+34.55	RT		2.0							
24	AB	107+36.27		RT					2.0			0.8	
24	AB	107+37.55	107+39.54	RT		2.0							
24	AB	108+82.16	108+84.16	RT		2.0							
24	AB	108+85.75		RT					2.0			1.2	
24	AB	108+87.16	108+89.16	RT		2.0							
25	AB	110+31.68	110+33.18	RT		1.5							
25	AB	110+35.44		RT					6.0			3.7	
25	AB	110+37.18	110+38.69	RT		1.5							
25	AB	112+78.54	112+96.40	RT		20.1							
34	AB	158+51.37	158+54.30	RT		4.6							
34	AB	158+91.85	158+92.43	RT		1.7							
34	AB	163+05.84	163+30.98	RT	23.1							7.7	
34	AB	163+32.43	163+40.43	RT	23.3							7.8	
35	AB	163+64.82	163+65.80	RT	27.6							9.2	
35	AB	163+70.72	163+94.84	RT	23.4							7.8	
35	AB	167+90.73	167+92.00	RT		1.6							
36	AB	171+40.10	172+57.88	RT		118.0							
36	AB	171+83.65	172+52.39	RT			69.0						
36	AB	172+94.34	174+10.69	RT		117.9							
36	AB	172+93.13	174+10.40	RT			118.5						
37	AB	174+59.48	175+33.72	RT		74.3							
37	AB	175+40.03	175+43.42	LT		3.6							
37	AB	176+43.78	177+99.29	LT		156.0							
37-38	AB	179+42.67	179+98.39	LT				56.0				18.7	
38	AB	179+98.39	180+04.54	LT							6.2	1.7	
38	AB	180+04.41	181+66.74	LT			162.4						
38	AB	180+04.54	181+66.56	LT						162.6		27.1	
38	AB	181+66.56	181+70.96	LT							4.9	0.9	
38	AB	181+70.96	182+72.70	LT				102.5				34.2	
38	AB	182+67.84	182+98.06	LT		43.7							
38	AB	182+72.70	182+86.07	LT					13.4			6.5	
38-39	AB	183+59.69	185+68.59	LT		210.9							
39	AB	185+60.82	185+65.10	LT			4.9						
39	AB	186+67.74	186+88.00	LT		20.5							
				TOTALS	97.4	897.5	382.9	158.5	23.4	162.6	11.1	127.3	
				PAY TOTALS	98	898	383	159	24	163	12	*	

* SEE SUMMARY OF TYPE 5 AGGREGATE BASE FOR PAY TOTALS.

SUMMARY OF QUANTITIES
SHEET 7 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:05:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES

PERMANENT PAVEMENT MARKING

PLAN SHEET NO.	STA	STA	RDWY	HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT TYPE L BEADS			STANDARD WATERBORNE PAVEMENT MARKING PAINT TYPE P BEADS			PREFORMED THERMOPLASTIC PAVEMENT MARKING								REMARKS
				6 IN. S.W. L.F.	6 IN. I.W. L.F.	6 IN. S.Y. L.F.	4 IN. S.W. L.F.	4 IN. I.W. L.F.	4 IN. S.Y. L.F.	24 IN. S.Y. 45 DEG L.F.	24 IN. S.W. STOP BAR L.F.	30" S.W. MIDBLOCK EA.	12 IN. YIELD TRIANGLES EA.	LEFT ARROW EA.	RIGHT ARROW EA.	LEFT/RIGHT COMBINATION EA.	"ONLY" TEXT EA.	
PM 1	11+28.00	19+50.00	AB/O.R.	6598	310.45	2189			1503		170	27	98	17	6	3		
PM 2A	19+50.00	33+00.00	AB	1088	110	896	1801		1747					2				
PM 2B	33+00.00	46+50.00	AB				2700		2700									
PM 3A	46+50.00	60+00.00	AB				2650.5		2700									
PM 3B	60+00.00	73+50.00	AB				2379.8		2700									
PM 4A	73+50.00	87+00.00	AB				2528.5		3514.2	45.7								
PM 4B	87+00.00	100+50.00	AB				3871		2789.5	3.5	107.5	39	19	5	3			
PM 5A	100+50.00	114+00.00	AB				2248.5		2700									
PM 5B	114+00.00	127+50.00	AB				2348.5		2700									
PM 6A	127+50.00	141+00.00	AB				2356.1		2700									
PM 6B	141+00.00	154+50.00	AB				2323.9		2700									
PM 7A	154+50.00	168+00.00	AB				2353.1		2700									
PM 7B	168+00.00	177+50.00	AB				3229	13.375	2852	84.4	101.5	33	9	2	2		2	
PM 8	177+50.00	188+40.00	AB/RAMPS	2393.3		1106.5	4939.9	103.525	1893.5	61.3	266.8	35	36	10	4	2	1	
			TOTALS	10079.3	420.45	4191.5	35729.8	116.9	35899.2	194.9	645.8	134	162	36	15	5	3	
			PAY TOTALS	10500		4192	35847		35900	195	646	134	162	51		5	3	

MODIFIED LINEAR GRADING - CLASS II

PLAN SHEET NO.	RDWY	STA	STA	LOC	MOD. LINEAR GRADING CLASS II STA.	CULVERT CLEANOUT EA.	REMARKS
6	N.O.R.	0+00.00	4+00.00	RT	1.4		
10	AB	28+60.00	34+00.00	RT	0.5		
10	AB			RT		1.0	
14	AB	54+58.00		RT		1.0	
15	AB	55+60.00	61+00.00	RT	1.5		
15	AB	57+49.82		RT		1.0	
15	AB	58+59.26		RT		1.0	
16	AB	66+02.00		RT		1.0	
21	AB	88+00.00	93+40.00	LT	0.7		
21	AB	88+00.00	93+40.00	RT	3.7		
22	AB	93+40.00	98+80.00	RT	5.4		
22	AB	98+36.00		RT		1.0	
23	AB	98+80.00	104+20.00	RT	2.2		
24	AB	104+20.00	109+60.00	RT	3.4		
25	AB	109+60.00	115+00.00	RT	3.4		
26	AB	115+00.00	120+40.00	RT	3.0		
27	AB	120+40.00	125+80.00	RT	0.5		
30	AB	136+60.00	142+00.00	RT	2.0		
31	AB	142+00.00	147+40.00	RT	1.4		
31	AB	146+80.00		RT		1.0	
32	AB	147+40.00	152+80.00	RT	4.5		
32	AB	148+30.00		RT		1.0	
33	AB	152+80.00	158+20.00	RT	5.2		
34	AB	158+20.00	163+60.00	RT	5.7		
35	AB	163+60.00	169+00.00	RT	5.2		
35	AB	163+60.00	169+00.00	LT	2.9		
36	AB	169+00.00	174+40.00	RT	5.5		
36	AB	169+00.00	174+40.00	LT	2.6		
37	AB	174+40.00	179+80.00	RT	1.1		
37	AB	174+40.00	179+80.00	LT	4.2		
38	AB	179+80.00	185+20.00	LT	4.8		
39	AB	185+20.00	187+52.00	LT	1.6		
4-41	AB	BEG.	END	LT/RT		5.0	TBD BY ENGINEER
				SUBTOTALS	72.4	13.0	
				TOTALS	73.0	13.0	

TUBULAR MARKERS AND CURB REFLECTORS

PLAN SHEET NO.	RDWY	STA	STA	LOC	18 IN. WHITE ISLAND TUBULAR MARKERS EA.	18 IN. YELLOW ISLAND TUBULAR MARKERS EA.	CURB REFLECTORS EA.	REMARKS
4	AB	6+11.15	7+11.15	CL		2.0	6.0	RAISED MEDIAN
4-5	AB	11+89.14		RT	3.0			ISLAND
4-6	AB	12+25.46		LT	3.0			ISLAND
5	S.O.R.	3+91.76		LT	3.0			ISLAND
5	S.O.R.	4+04.94		RT	3.0			ISLAND
5-6	WOODS MILL	22+72.82	25+33.23	CL		2.0	12.0	RAISED MEDIAN
6	N.O.R.	0+30.27		RT	3.0			ISLAND
6	N.O.R.	0+40.08		LT	3.0			ISLAND
7	AB	15+73.84		RT	3.0			ISLAND
7	AB	16+40.14		LT	3.0			ISLAND
7-8	AB	17+87.65		RT	3.0			ISLAND
7-8	AB	18+08.55		LT	3.0			ISLAND
8-9	AB	18+43.43	23+92.36	CL		2.0	13.0	RAISED MEDIAN
9	AB	24+37.30	25+42.03	CL			6.0	
21	AB	89+63.37		LT	3.0			ISLAND
21	AB	90+31.70		LT	3.0			ISLAND
24	AB	104+31.17		RT	2.0			ON SIDEWALK
37	AB	176+07.73		LT	3.0			ISLAND
37	AB	176+10.47	177+71.13	CL		2.0	6.0	RAISED MEDIAN
37	AB	178+29.08		LT	3.0			ISLAND
37	AB	178+44.06		RT	3.0			ISLAND
38	AB	183+26.77		LT	3.0			ISLAND
38	AB	183+44.59		RT	3.0			ISLAND
39	AB	185+96.72		LT	3.0			ISLAND
				SUBTOTALS	56.0	8.0	43.0	
				TOTALS	56.0	8.0	43.0	

PAVEMENT MARKING REMOVAL WITHIN CONCRETE SURFACES - 1 LUMP SUM

TEMPORARY PAVEMENT MARKING PAINT - 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 8 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:05:55 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/20/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

TEMPORARY EROSION CONTROL

PLAN SHEET NO.	RDWY	STA	STA	LOC	DEPTH IN.	SILT FENCE L.F.	ROCK DITCH CHECK L.F.	ALT. DITCH CHECK L.F.	CURB INLET CHECK EA.	SEDIMENT REMOVAL C.Y.	REMARKS
107	S.O.R.	0+54.10	1+37.40	RT		90.0				0.9	
107	S.O.R.	0+95.17	1+78.18	LT		75.0				0.8	
107	N.O.R.	0+37.79		RT					1.0		
107	N.O.R.	0+37.61	0+71.08	RT		65.0				0.7	
107	N.O.R.	2+75.22	3+21.35	RT		55.0				0.6	
107	WOODS MILL	20+85.10		RT					1.0	1.0	
107	WOODS MILL	21+35.50		RT					1.0	1.0	
108	AB	19+77.80	20+77.79	LT		100.0				1.0	
108	AB	32+00.00		RT	18		10.0			1.0	
108	AB	32+25.00		RT	18		10.0			1.0	
108	AB	32+50.00		RT				16.0		4.0	
108	AB	32+65.00		RT	18		10.0			1.0	
108	AB	32+90.00		RT	18		10.0			1.0	
108	AB	34+32.16	35+11.99	LT		80.0				0.8	
108	AB	36+65.30	37+65.29	LT		100.0				1.0	
109	AB	47+81.08	48+80.82	RT		100.0				1.0	
109	AB	48+19.13	49+20.74	LT		100.0				1.0	
109	AB	50+48.55	51+45.36	RT		100.0				1.0	
109	AB	50+49.31	51+53.41	LT		100.0				1.0	
109	AB	71+88.56	72+88.55	RT		100.0				1.0	
109,110	AB	73+12.93	74+12.91	RT		100.0				1.0	
110	AB	99+35.88		RT				8.0		2.0	
111	AB	116+54.21	117+39.20	RT		85.0				0.9	
111	AB	120+77.71	121+62.71	RT		100.0				1.0	
112	AB	137+76.05	138+76.05	RT		100.0				1.0	
112	AB	140+24.50	141+24.53	RT		100.0				1.0	
112	AB	144+30.29	145+15.29	RT		85.0				0.9	
113	AB	166+13.11	167+12.67	LT		100.0				1.0	
113	AB	166+24.01		LT	18		10.0			1.0	
113	AB	166+49.01		LT	18		10.0			1.0	
113	AB	166+74.01		LT	18		10.0			1.0	
113	AB	166+99.01		LT	18		10.0			1.0	
113	AB	167+78.86	169+08.49	LT		130.0				1.3	
113	AB	167+99.60		LT	18		10.0			1.0	
113	AB	168+24.99		LT	18		10.0			1.0	
113	AB	169+84.60		RT					1.0	1.0	
113	AB	170+25.98		RT					1.0	1.0	
113	AB	172+52.58		RT					1.0	1.0	
113	AB	173+17.97	175+42.49	LT		225.0				2.3	
113	AB	174+08.42		RT					1.0	1.0	
113	AB	174+67.40		RT					1.0	1.0	
113	AB	175+23.34		RT					1.0	1.0	
113	AB	176+29.15		RT					1.0	1.0	
113	AB	176+68.14		RT					1.0	1.0	
114	AB	182+89.59		LT					1.0	1.0	
114	AB	185+85.21		LT					1.0	1.0	
114	AB	186+57.06		LT					1.0	1.0	
					SUBTOTALS	2090.0	100.0	24.0	14.0	50.2	
					TOTALS	2090.0	100.0	24.0	14.0	51.0	

ROCK DITCH LINER

PLAN SHEET NO.	RDWY	STA	STA	LOC	AREA S.F.	EST. DEPTH FT.	PERMANENT GEOTEXTILE FABRIC S.Y.	FURNISHING TYPE 1 ROCK DITCH LINER C.Y.	PLACING TYPE 1 ROCK DITCH LINER C.Y.	FURNISHING TYPE 2 ROCK DITCH LINER C.Y.	PLACING TYPE 2 ROCK DITCH LINER C.Y.	REMARKS
24-25	AB	106+29.92	110+00.00	RT	1490.9	1	165.7			55.2	55.2	
25	AB	110+30.64	110+40.14	RT	42.8	1	4.8			1.6	1.6	
26-27	AB	117+40.00	120+89.97	RT	4040.6	1	449.0			149.7	149.7	
30	AB	138+50.00	140+50.00	RT	1000.0	1				37.0	37.0	
31	AB	145+15.29	146+51.00	RT	801.8	1	89.1			29.7	29.7	
31-32	AB	148+37.72	153+26.25	RT	2442.6	1	271.4			90.5	90.5	
33	AB	153+26.25	157+45.25	RT	2369.6	0.67	263.3	58.8	58.8			
						SUBTOTALS	1243.3	58.8	58.8	363.7	363.7	
						TOTALS	1244	59	59	364	364	

SUMMARY OF QUANTITIES
SHEET 9 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:06:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES

DRAINAGE STRUCTURES

PLAN SHEET NO.	CULVERT SECTION SHEET NO.	STA	RDWY	LOC	MODOT STRUCTURE ID #	FLOW LINE EL. FT.	STRUCT. DEPTH FT.	PIPES CONNECTED TO DRAINAGE STRUCTURE	SHALLOW DROP INLET EA.	PRECAST CONCRETE DROP INLET (2 FT x 5 FT) L.F.	PRECAST CONCRETE MANHOLE 48 IN. L.F.	MODOT STD. MANHOLE FRAME & COVER TYPE 2 EA.	CURVED VANE GRATE & FRAME (2 FT x 2 FT) EA.	CLASS 3 EXCAVATION C.Y.	REMARKS
108	181	32+50.01	AB	21.9' RT	1-1E	506.5	4.76	30" CMP, 3X2 BOX		5.0				8.6	TYPE E DI
111	86	107+35.98	AB	12.8' RT	2-1D			DRAINAGE FLUME	1.0				1.0	0.6	SEE JSP
111	86	108+85.65	AB	12' RT	3-1D			DRAINAGE FLUME	1.0				1.0	0.6	SEE JSP
113	181	170+48.70	AB	19' RT	4-1MH	632.49	8	15" PIPE, 12" PIPE			8.0	1.0		9.2	
								SUBTOTALS	2.0	5.0	8.0	1.0	2.0	19.0	
								CLASS 3 EXC. TOTAL FROM DRAINAGE PIPES						8.4	
								TOTALS	2.0	5.0	8.0	1.0	2.0	28.0	

DRAINAGE PIPES

PLAN SHEET NO.	CULVERT SECTION SHEET NO.	FROM ID #	TO ID #	RDWY	12 IN. GROUP 'A' PIPE L.F.	15 IN. GROUP 'A' PIPE L.F.	PIPE LINER FOR 30 IN. PIPE L.F.	TYPE C PIPE COLLAR EA.	CLASS 3 EXCAVATION	REMARKS
108	181	1-1E		AB			7.0	1.0		
113	181	EX. DI	4-1MH	AB	17.0				4.6	
113	181	4-1MH	EX. PIPE	AB		11.0		1.0	3.8	
				SUBTOTALS	17.0	11.0	7.0	2.0	8.4	
				TOTALS	17.0	11.0	7.0	2.0	*	

* SEE DRAINAGE STRUCTURES TABLE FOR PAY TOTAL.

UTILITY ADJUSTMENTS

PLAN SHEET NO.	STRUCTURE TYPE	RDWY	STA	LOC	ADJUST TO GRADE: SANITARY MANHOLE EACH	ADJUST TO GRADE: STORM SEWER MANHOLE EACH	ADJUST TO GRADE: PULL BOXES EACH	ADJUST TO GRADE: WATER VALVE EACH	ADJUST TO GRADE: MANHOLE COLLAR EACH	ATG BY OTHERS: GAS VALVE EACH	ATG BY OTHERS: PULL BOXES EACH	REMARKS
21	POWER	AB	92+39.40	22' RT			1					IN PR. SIDEWALK
22	WATER	AB	94+64.42	34' RT				1				IN PR. SIDEWALK
23	STORM SEWER	AB	103+93.86	21' RT		1			1			IN ROADWAY
23	STORM SEWER	AB	103+93.86	21' RT		1			1			IN ROADWAY
34	COMMUNICATIONS	AB	161+52.63	17' RT							1	IN PR. SIDEWALK
35	WATER	AB	167+10.52	29' LT				1				IN PR. SIDEWALK
36	WATER	AB	173+12.09	22' LT				1				IN ROADWAY
36	WATER	AB	173+80.18	49' RT				1				IN PR. SIDEWALK
36	COMMUNICATIONS	AB	171+49.21	21' RT							1	IN PR. SIDEWALK
37	GAS	AB	175+17.83	58' LT						1		IN PR. SIDEWALK
37	WATER	AB	175+22.77	27' LT				1				IN ROADWAY
37	STORM SEWER	AB	175+56.97	45' LT		1			1			IN ROADWAY
37	STORM SEWER	AB	177+04.18	45' RT		1			1			IN ROADWAY
37	STORM SEWER	AB	177+62.26	48' RT		1			1			IN ROADWAY
37	STORM SEWER	AB	178+14.88	44' LT		1			1			IN ROADWAY
37	ITS	AB	175+23.37	53' RT			1					IN PR. SIDEWALK
38	STORM SEWER	AB	183+56.92	47' RT		1			1			IN ROADWAY
39	SANITARY	AB	186+92.86	29' RT	1				1			IN ROADWAY
				TOTALS	1	7	2	5	8	1	2	
				PAY TOTALS	1	8	2	5	8	*	*	

* TO BE COMPLETED BY OTHERS

SUMMARY OF QUANTITIES
SHEET 10 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:04:50 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES

ITS QUANTITIES

PLAN SHEET NO.	ROUTE	LOCATION	RELOCATE EXISTING FIBER OPTIC CABLE 24 STRAND SINGLE MODE L.F.	2 IN. HDPE CONDUIT TRENCHED L.F.	WALL-MOUNT FIBER INTER-CONNECT CENTER EA.	SM FIBER OPTIC PIGTAIL EA.	SM FIBER OPTIC JUMPER EA.	FUSION SPLICE EA.	RELOCATE EX. COMMUNICATIONS EQUIPMENT EA.	INSTALL MODOT FURNISHED IP ADDRESSIBLE POWER STRIP EA.	MoDOT BURIED CABLE DRIVABLE DELINEATOR POST EA.	REMARKS
117	AB	COEUR DE VILLE			1	4	4	4	1	1		
120	AB	SB I-270 RAMPS	86	18	1	4	4	6	1	1		
127	AB	NB I-270 RAMPS	86	18	1	4	4	8	1	1		
134	AB	EMERSON	83	15	1	4	4	4	1	1		
117,120	AB	COEUR DE VILLE TO SB I-270									3	
120,127	AB	SB I-270 TO NB I-270									3	
127,134	AB	NB I-270 TO EMERSON									2	
		TOTALS	255	51	4	16	16	22	4	4	8	
		PAY TOTALS	255	51	4	16	16	22	4	4	8	

ITS ASSET MANAGEMENT TOOL - 1 LUMP SUM

SIGNAL POSTS AND MAST ARMS

PLAN SHEET NO.	RDWY	STA	LOC	BASE, CONCRETE C.Y.	POST TOP MOUNT 8 FT. EA.	POST TYPE C 45 FT ARM EA.	POST TYPE C 55 FT ARM EA.	POST TYPE B 40 FT ARM EA.	POST TYPE B 50 FT ARM EA.	POST TYPE B 55 FT ARM EA.	REMARKS
118	AB		Coeur De Ville	0.44	1						
121	AB		I-270 SB	6.8	2		1		1		
128	AB		I-270 NB	6.9	1	1				1	
135	AB		EMERSON	7.4				2			
			TOTALS	21.54	4	1	1	2	1	1	
			PAY TOTALS	21.5	4	1	1	2	1	1	

SIGNAL DETECTION

INTERSECTION	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM EA
COEUR DE VILLE DR	1.0
SB I-270 RAMPS	1.0
NB I-270 RAMPS	1.0
EMERSON RD	1.0
PAY TOTAL	4.0

TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING - 1 LUMP SUM

SIGNAL EQUIPMENT AND SIGNS

PLAN SHEET NO.	RDWY	STA	LOC	SIGNAL CABINET CONTROLLER ASSEMBLY HOUSING NEMA TS2 EA.	ATC TRAFFIC SIGNAL CONTROLLER EA.	NETWORK CONNECTED SIGNAL MONITOR EA.	COMBINATION PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER EA.	COUNTDOWN PEDESTRIAN SIGNAL HEAD TYPE 1S EA.	SIGNAL HEAD TYPE 3B EA.	SIGNAL HEAD TYPE 4B EA.	AUDIBILE PEDESTRIAN PUSHBUTTON & SIGNING EA.	EXTENSIONS FOR PUSHBUTTONS (14-IN. MAX) EA.	SIGNAL SIGNS SH-FLAT SHEET S.F.	SIGNAL SIGNS MOUNTING HARDWARE EA.	REMARKS
116	AB		MASON RD									6			
118	AB		COUER DE VILLE	1	1	1		4			4	4	3.6	4	
121	AB		SB I-270					2	6	2		2			
123	AB		SB I-270	1	1	1	1				2		20.8	5	
128	AB		NB I-270					2	6	2		2			
130	AB		NB I-270	1	1	1	1				2		28.3	6	
135	AB		EMERSON					2	9	2		2			
137	AB		EMERSON	1	1	1	1				2		67.6	10	
			TOTALS	4	4	4	3	10	21	6	10	16	120.3	25	
			PAY TOTALS	4	4	4	3	10	21	6	10	16	120	25	

* TO BE USED WHERE NEEDED, AS DIRECTED BY THE ENGINEER.

*

SIGNAL PULL BOXES, CABLE, AND CONDUIT

PLAN SHEET NO.	RDWY	STA	LOC	PULL BOX PREFORMED CLASS 1 EA.	PULL BOX PREFORMED CLASS 2 EA.	PULL BOX PREFORMED CLASS 3 EA.	2 INCH CONDUIT TRENCHED L.F.	3 INCH CONDUIT TRENCHED L.F.	3 INCH CONDUIT PUSHED L.F.	POWER	SIGNALS & PUSHBUTTONS			LOOPS	REMARKS
										1c#8 CABLE L.F.	2c#16 CABLE L.F.	5c#16 CABLE L.F.	7c#16 CABLE L.F.	1c#14 CABLE L.F.	
116	AB		MASON RD											2400	
118	AB		COEUR DE VILLE		1			68	18		1020	1030			
121	AB		SB I-270	2	2	1									
122	AB		SB I-270				19	59	368	90	560	560	1610		
128	AB		NB I-270		3	1									
129	AB		NB I-270				30	51	228	120	450	450	1910		
135	AB		EMERSON	1	3	1									
136	AB		EMERSON				17	33	344	80	530	530	2280		
			PAY TOTALS	3	9	3	66	211	958	290	2560	2570	5800	2400	

SUMMARY OF QUANTITIES
SHEET 11 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/27/2024 1:45:26 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/26/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES

LIGHTING CONDUIT AND CABLE-CONDUIT LIGHTING PULL BOXES

FROM	TO	CENTER TO CENTER DISTANCE L.F.	4 INCH RIGID CONDUIT PUSHED L.F.	1 INCH CABLE CONDUIT 2 CONDUCTORS 1 BARE NEUTRAL 8 AWG L.F.	PULL BOX NO.	STA	ROUTE	OFFSET	TYPE 1 PREFORMED PULL BOX TYPE 1 DRAIN EA.
PB1	PB2	365.0	363.0	377.0	PBL1	178+93.35	AB	105' LT	1
PB3	PB4	265.0	263.0	277.0	PBL2	182+52.08	AB	80' LT	1
					PBL3	179+03.67	AB	78' RT	1
					PBL4	181+68.76	AB	87' RT	1
				5% FOR SNAKING					
				32.7					
		TOTALS	626.0	686.7				TOTALS	4.0
		PAY TOTALS	626	690				PAY TOTALS	4.0

LIGHTING LUMINAIRES

STA	OFFSET	RTE	LUMINAIRE LED-C EA	COMMENTS
174+67.41	54' RT	AB	1	
176+41.19	67' LT	AB	1	
177+76.69	60' RT	AB	1	
178+11.64	75' LT	AB	1	
183+58.62	85' RT	AB	1	
183+57.76	67' LT	AB	1	
185+74.54	48' RT	AB	1	
186+03.73	64' LT	AB	1	
186+03.73	64' LT	AB	1	
		TOTALS	9	

SIGNAL ENHANCEMENTS - CITY OF CREVE COEUR

PLAN SHEET NO.	INTERSECTION	POWDER COATING FOR PEDESTRIAN PUSH BUTTON EXTENSIONS EA.	SIGNAL POST PEDESTAL EA.	POST SIGNAL 8 FT. EA.	45 FT. MAST ARM TYPE C POST EA.	55 FT. MAST ARM TYPE C POST EA.	40 FT. MAST ARM AND 25 FT. MAST ARM, TYPE B POST EA.	40 FT. MAST ARM AND 30 FT. MAST ARM, TYPE B POST EA.	50 FT. MAST ARM AND 35 FT. MAST ARM, TYPE B POST EA.	55 FT. MAST ARM AND 35 FT. MAST ARM, TYPE B POST EA.	COMMENTS
117-118	COEUR DE VILLE DR	4	1	1							
119-125	SB I-270 RAMPS	2	2	2		1			1		
126-132	NB I-270 RAMPS	2	1	1	1					1	
133-139	EMERSON RD	2					1	1			
	PAY TOTALS	10	4	4	1	1	1	1	1	1	

POWDER COATING FOR PEDESTRIAN PUSH BUTTON EXTENSIONS

MASON ROAD	6 EA

SUMMARY OF QUANTITIES
SHEET 12 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/28/2024 7:51:40 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/28/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	3

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SUMMARY OF QUANTITIES

EFFECTIVE: 07-01-2024

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	2	32				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	4	64				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	2	32				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	1	16				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00	2	32				SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	3	6.57				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	4	40				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	1	6				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	2	24				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	2	12.5				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
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (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	1	2				SIDEWALK CLOSED
R9-11L	24X18	3.00	1	3				SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00	1	3				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	3	96				POINT OF PRESENCE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE
W11-2	36X36	9.00	4	36				PEDESTRIAN CROSSING
W16-7P	21X15	2.19	2	4.38				DOWN ARROW
W16-9P	30X18	3.75	2	7.5				AHEAD
R9-10	24X18	3	2	6				SIDEWALK CLOSED- OTHER SIDE
SPECIAL	36X24	6	4	24				WORK ZONE- NO PHONE ZONE

	TOTAL
616-10.05 CONSTRUCTION SIGNS	543
616-10.10 RELOCATED SIGNS	0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008	3**	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	6**	REPLACEMENT SAND BARREL
6122030	3**	IMPACT ATTENUATOR (RELOCATION)
6123001	+++	TRUCK MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	72	CHANNELIZER (TRIM LINE)
6161030	2	TYPE III MOVEABLE BARRICADE
6161033	14	DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	3**	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	500**	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	1**	TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	8**	ADA COMPLIANT MOVABLE BARRICADE

TEMPORARY TRAFFIC CONTROL	PAY TOTAL = 1 LUMP SUM

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

-NO DIRECT PAY WILL BE MADE FOR CONSTRUCTION SIGNS OR DEVICES

-SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER

-CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

+++ INDICATES THAT TMAs WILL BE REQUIRED FOR MOBILE OPERATIONS ON THIS PROJECT BUT AT NO DIRECT PAY. THE CONTRACTOR MAY USE TMAs AT STATIONARY LOCATIONS OF THEIR OWN CHOOSING BUT NO PAYMENT SHALL BE MADE FOR THESE TMAs.

✳ NO DIRECT PAYMENT FOR RELOCATED SIGNS

✳✳ ITEMS NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL, LUMP SUM

SUMMARY OF QUANTITIES
SHEET 13 OF 13

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:06:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

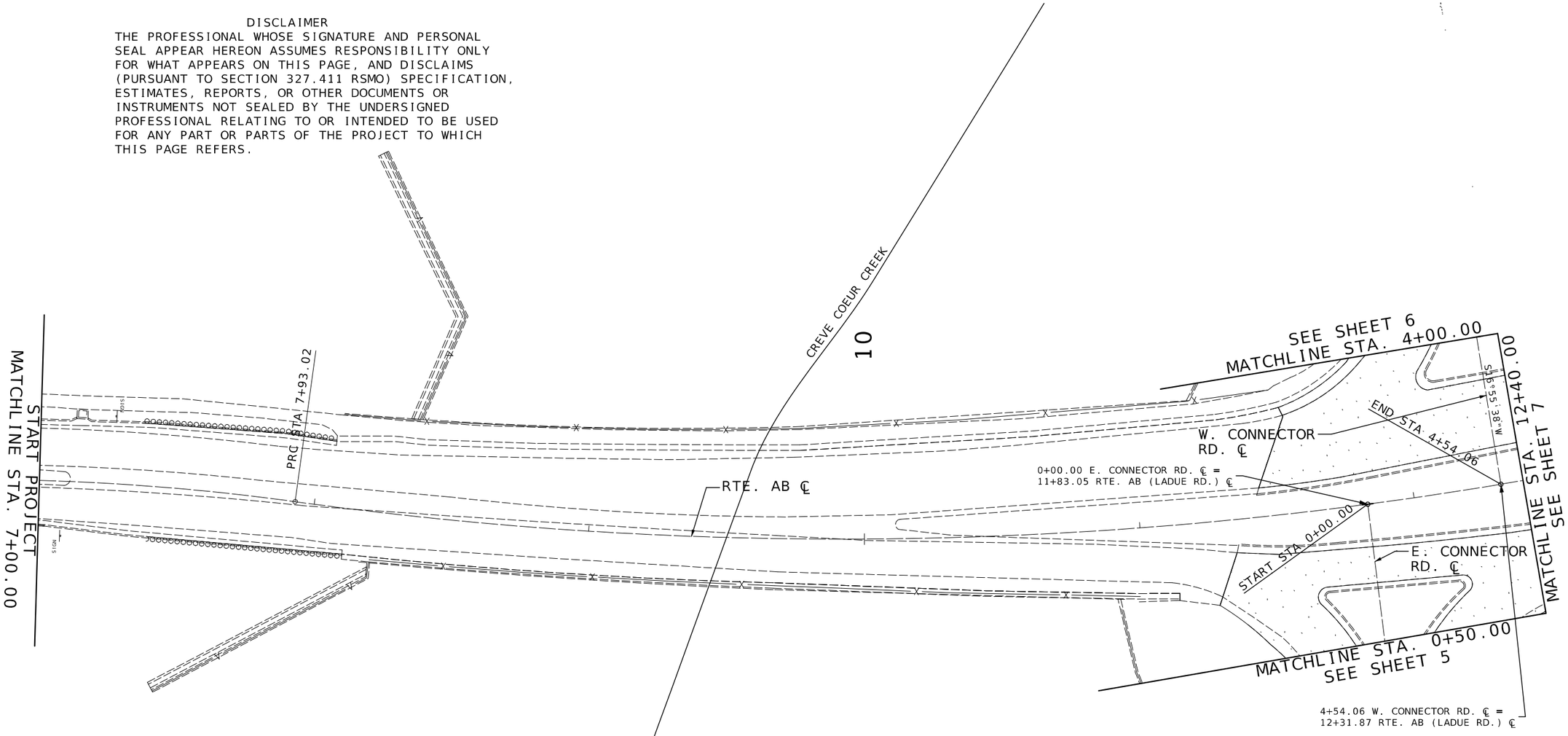
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
(TRAFFIC CONTROL)

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.



PI 5+51.24
PC 2+95.06
PT 7+93.02
Δ 33°10'32.1" (RT)
D 6°39'44.2"
L 497.96' (Plan Annotation.Arc Type)
T 256.18'
R 860.00''

SCALE
0 20 40 60

ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONTRUCTION OF THIS PROJECT.

PRIMARY RECIEVING WATERS:
1. CREVE COEUR CREEK

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

NO DIRECT PAYMENT WILL BE MADE FOR ANY NECESSARY CLEARING AND GRUBBING.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 12:22:41 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	4

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

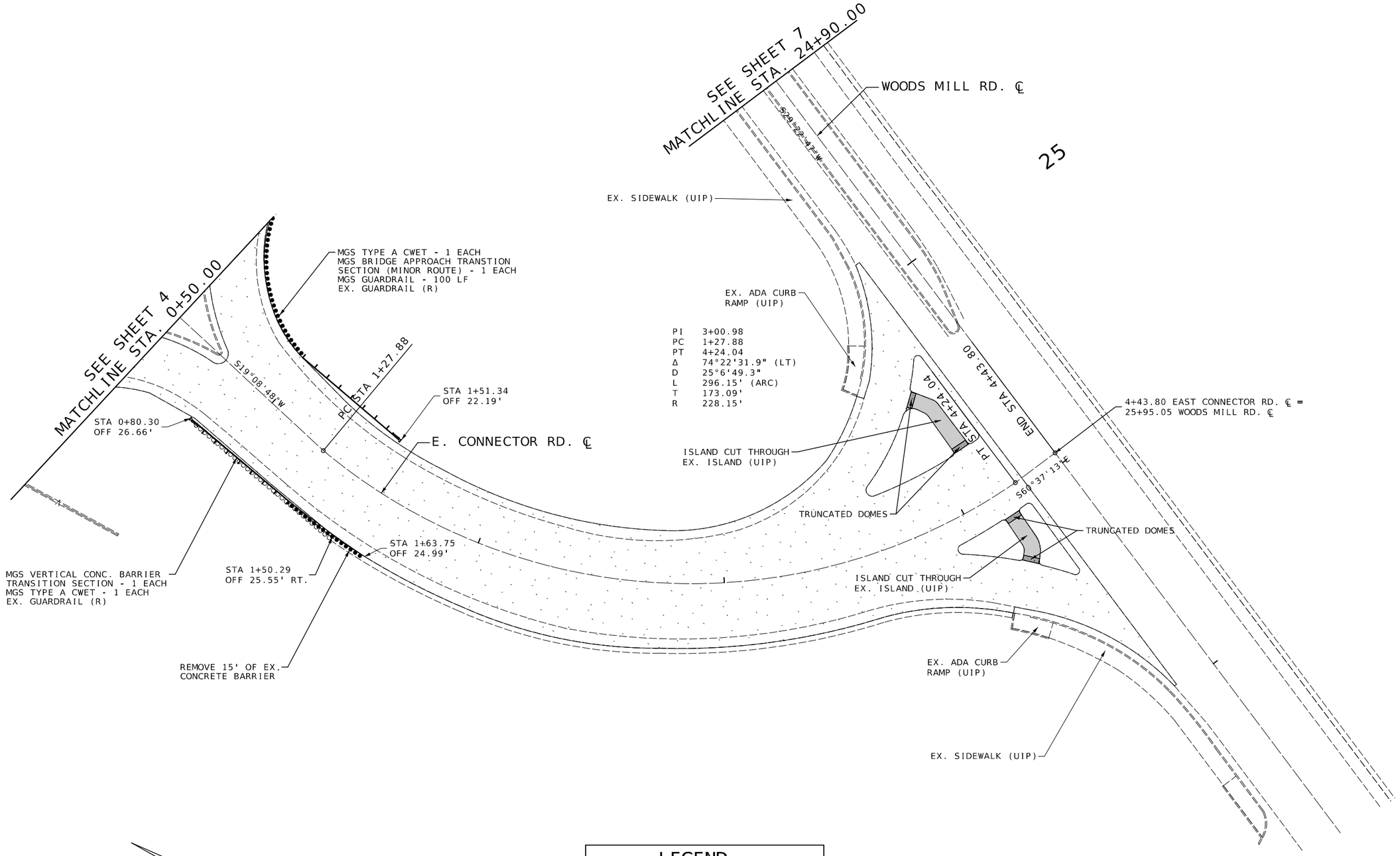
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



SCALE

0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:22:38 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

LEGEND

- 1¾" MILL/FILL - 1¾" SP095CLP W/ PG 70-22
- CONCRETE SIDEWALK

SEE SHEET 7 MATCHLINE STA. 20+75.00

PT STA 20+52.75

0+00.00 WEST CONNECTOR RD. ℄ =
19+64.06 WOODS MILL RD. ℄

START STA 0+00.00

PC STA 0+13.00

N62°12'21"W

ISLAND CUT THROUGH
EX. ISLAND (UIP)

EX. SIDEWALK (UIP)

EX. ADA CURB RAMP (UIP)

ISLAND CUT THROUGH
EX. ISLAND (UIP)

PI 2+77.06
PC 0+13.00
PT 3+93.10
Δ 102°11'5.4" (LT)
D 26°53'0.4"
L 380.10' (ARC)
T 264.06'
R 213.13'

STA 19+01.65
OFF 38.03'

TRUNCATED DOMES

TRUNCATED DOMES

STA 18+84.12
OFF 28.12'

NEW COMPOUND PERP. RAMP
NEW TRUNCATED DOMES

EX. SIDEWALK (UIP)

STA 18+55.52
OFF 19.52'

TYPE C BARRIER
2' WIDE 8 IN. THICK CONCRETE
EX. GUARDRAIL (R)
EX. CURB & GUTTER-FACE ONLY (R)

TYPE C BARRIER HEIGHT TRANSITION
2' WIDE 8 IN. THICK CONCRETE
EX. GUARDRAIL (R)
EX. CURB FACE ONLY (R)

SEE SHEETS 4 & 7 MATCHLINE STA. 4+00.00

PT STA 3+93.10

STA 3+02.31
OFF 20.85'

STA 3+43.90
OFF 22.34' RT.

VARIABLE HEIGHT CURB

NEW 5' SIDEWALK
EX. SIDEWALK (R)

EX. SIDEWALK (UIP)

PI 18+81.37
PC 17+09.71
PT 20+52.75
Δ 5°39'0.2" (RT)
D 1°38'49.3"
L 343.04' (ARC)
T 171.66'
R 3,478.70'

TYPE B BARRIER HEIGHT TRANSITION
2' WIDE 8 IN. THICK CONCRETE
EX. CURB FACE ONLY (R)

TYPE B BARRIER
2' WIDE 8 IN. THICK CONCRETE
EX. GUARDRAIL (R)
EX. CURB FACE ONLY (R)
EX. BARRIER (PARTIAL (R)

CONCRETE SIDEWALK - 4 FT WIDE
EX. SIDEWALK (R)

STA 2+77.40
OFF 22.47'

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:08:03 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PLAN SHEET

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

SEE SHEET 6
MATCHLINE STA. 20+75.00

SEE SHEETS 4 & 6
MATCHLINE STA. 4+00.00

MATCHLINE STA. 12+40.00

MATCHLINE STA. 17+80.00

PI	291+15.94
PC	286+80.38
PT	295+43.64
Δ	18°49'16.7" (RT)
D	2°10'48.9"
L	863.26' (ARC)
T	435.56'
R	2,627.94'

PT STA 14+52.93

RTE. 141 ℄

RTE. AB ℄

14+48.74 RTE. AB (LADUE RD.) ℄ =
22+20.92 WOODS MILL RD. ℄

17+00.35 RTE. AB (LADUE RD.) ℄ =
290+91.83 RTE. 141 ℄

MILL/FILL TO CONCRETE JOINT

MILL/FILL TO CONCRETE JOINT

MILL/FILL TO CONCRETE JOINT

STA 13+09.16
OFF 46.00' RT

MGS TYPE A CWET - 1 EACH
MGS BRIDGE APPROACH TRANSITION SECTION (MINOR ROUTE) - 1 EACH
MGS GUARDRAIL - 100 LF
EX. GUARDRAIL (R)
(CONT. FROM SHEET 5)

WOODS MILL RD. ℄

SEE SHEET 5
MATCHLINE STA. 24+10.00

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 8:10:09 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

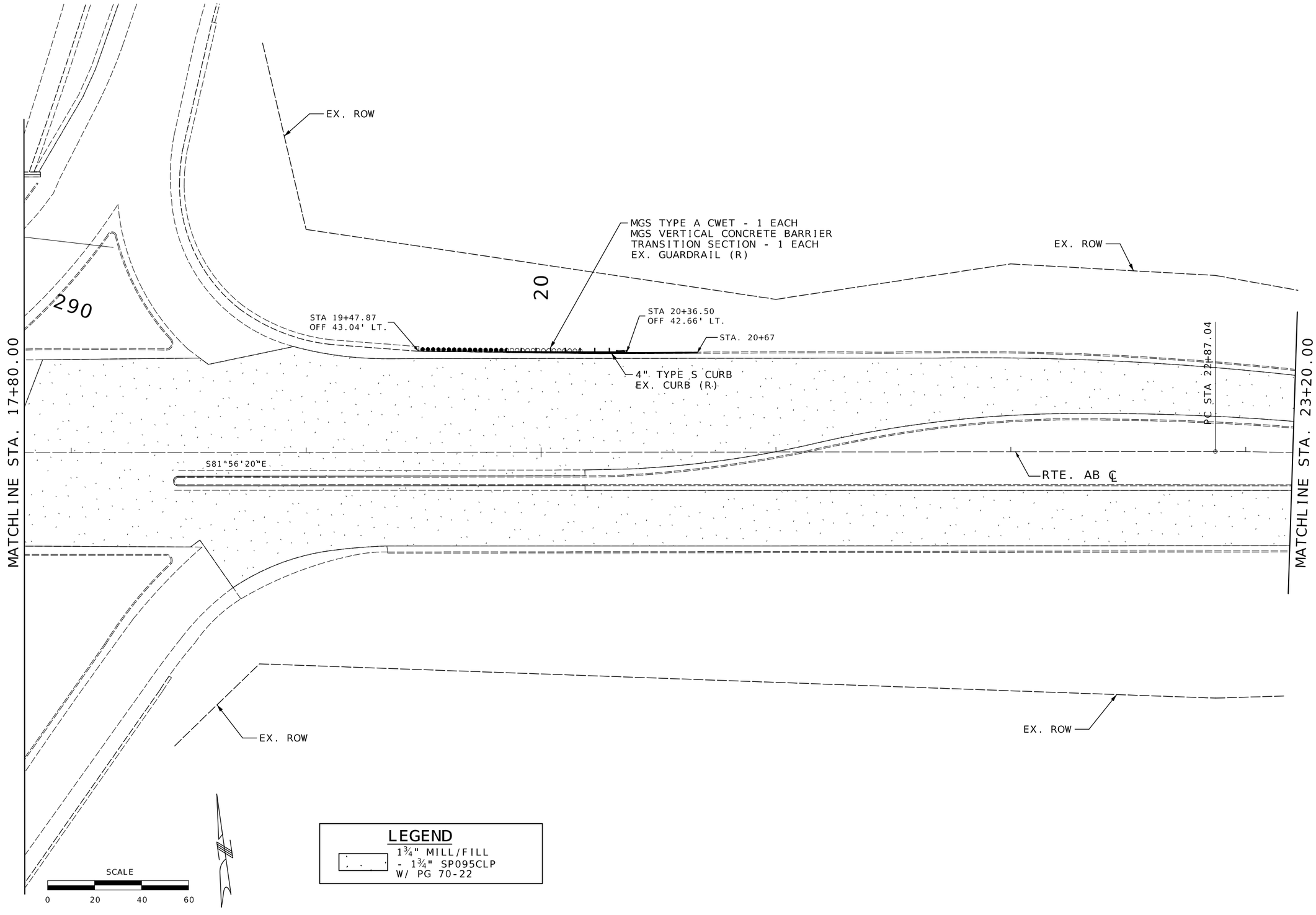
BRIDGE NO.

DESCRIPTION

DATE

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 8:10:25 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	8

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

25

EX. ROW

MILL GUTTER LINE THROUGH ENTRANCE

RTE. AB ℄

PT STA 27+15.95

EX. ROW

MATCHLINE STA. 23+20.00

MATCHLINE STA. 28+60.00

PI 25+04.84
PC 22+87.04
PT 27+15.95
Δ 24°34'28.6" (RT)
D 5°43'46.4"
L 428.91' (ARC)
T 217.80'
R 1,000.00'

EX. ROW

EX. ROW

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 9:22:35 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

30

MATCHLINE STA. 28+60.00

EX. ROW

RTE. AB ℄

EX. ROW

MATCHLINE STA. 34+00.00

CULVERT CLEANOUT

OE

STORM

OE

OE

EX. ROW

BEG. DITCH GRADING
STA. 32+28.00

END DITCH GRADING
STA. 32+78.00

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 9:22:46 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

35

MATCHLINE STA. 34+00.00

STA 34+54.99
OFF 17.32'

EX. ROW

NEW MGS TYPE A CRASHWORTHY
END TERMINAL - 2 EA.
MGS GUARDRAIL 8 FT. POSTS
6 FT.-3 SPACING - 162.5 LF

STA 37+19.76
OFF 16.47'

EX. ROW

S53°21'41"E

RTE. AB ℄

OE

OE

EX. ROW

EX. ROW

MATCHLINE STA. 39+40.00

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

06/10/2024 9:29:33 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

40

MATCHLINE STA. 39+40.00

EX. ROW

RTE. AB ℄

EX. ROW

EX. ROW

EX. ROW

MATCHLINE STA. 44+80.00

SCALE

0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 9:29:42 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

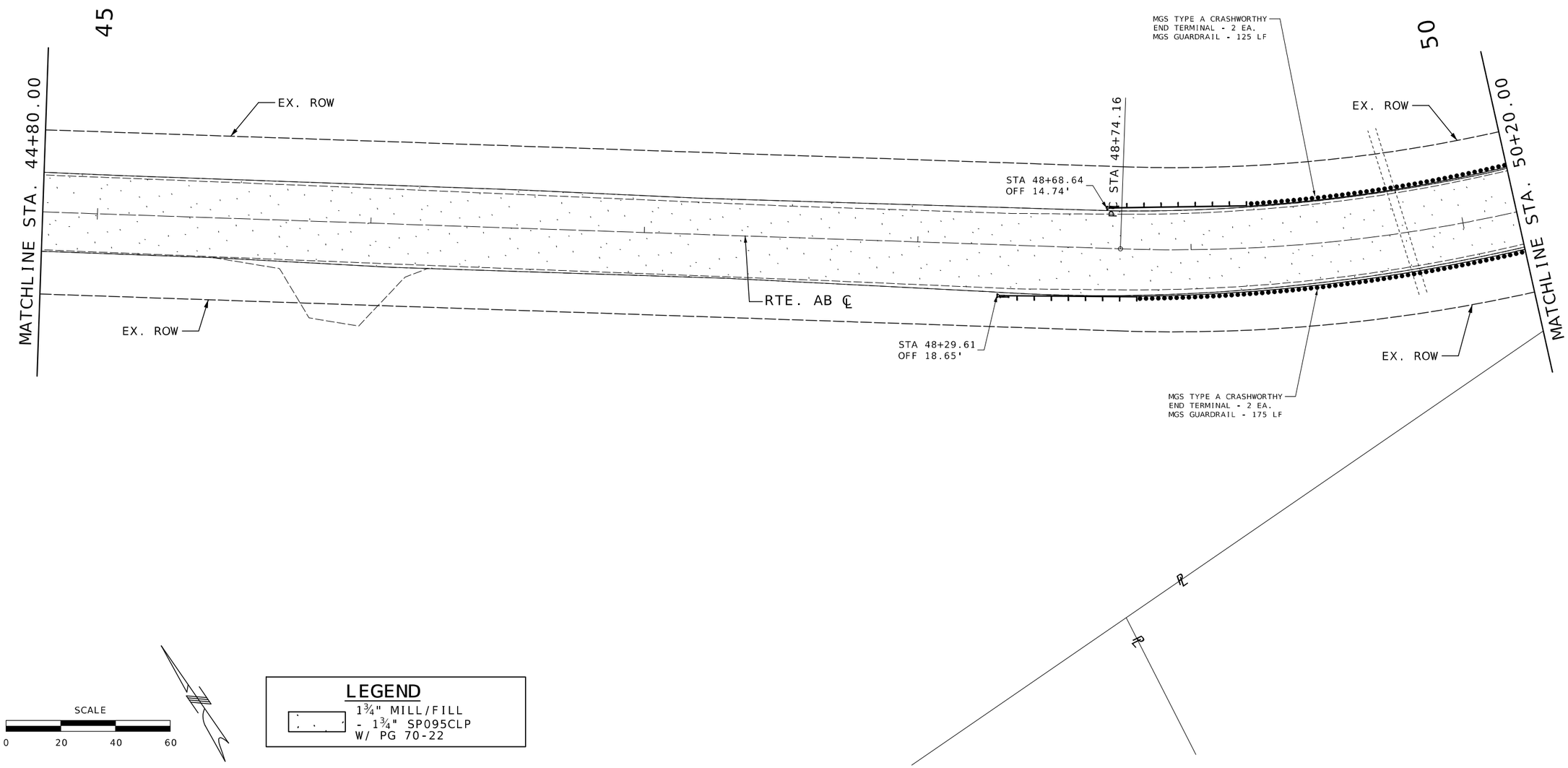
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 9:29:59 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	13

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

PI 50+63.08
PC 48+74.16
PT 52+39.17
Δ 36°27'14.7" (LT)
D 9°59'14.0"
L 365.01' (ARC)
T 188.92'
R 573.69'

55

MATCHLINE STA. 50+20.00

MGS TYPE A CRASHWORTHY
END TERMINAL - 2 EA.
MGS GUARDRAIL - 125 LF
(CONT. FROM PREV. SHEET)

STA 51+02.41
OFF 18.57'

EX. ROW

PT STA 52+39.17

RTE. AB ℄

EX. ROW

MATCHLINE STA. 55+60.00

AMEREN POWER
(DND)

CULVERT
CLEANOUT

S89°48'55"E

OE

STA 51+00.96
OFF 14.15'

EX. ROW

MGS TYPE A CRASHWORTHY
END TERMINAL - 2 EA.
MGS GUARDRAIL - 175 LF
(CONT. FROM PREV. SHEET)

BABLER RD

WATER LINE
(DND)

AMEREN POWER
(DND)

EX. ROW

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 9:30:07 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

60

MATCHLINE STA. 55+60.00

MATCHLINE STA. 61+00.00

EX. ROW

EX. ROW

EX. ROW

SIGN

RTE. AB ℄

POT STA. 60+39.39

S89°48'55"E

OE

P&C

M

WATER LINE
(DND)

EX. ROW

CULVERT CLEANOUT

BON CHATEAU DRIVE

WV

SIGN

CULVERT CLEANOUT
BEG. REGRADING DITCH
STA. 58+59.26

EX. ROW

AMEREN POWER
(DND)

END REGRADING DITCH
STA. 60+09.25

T

X

EX. ROW

℄

SCALE

0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 9:30:17 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	15

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

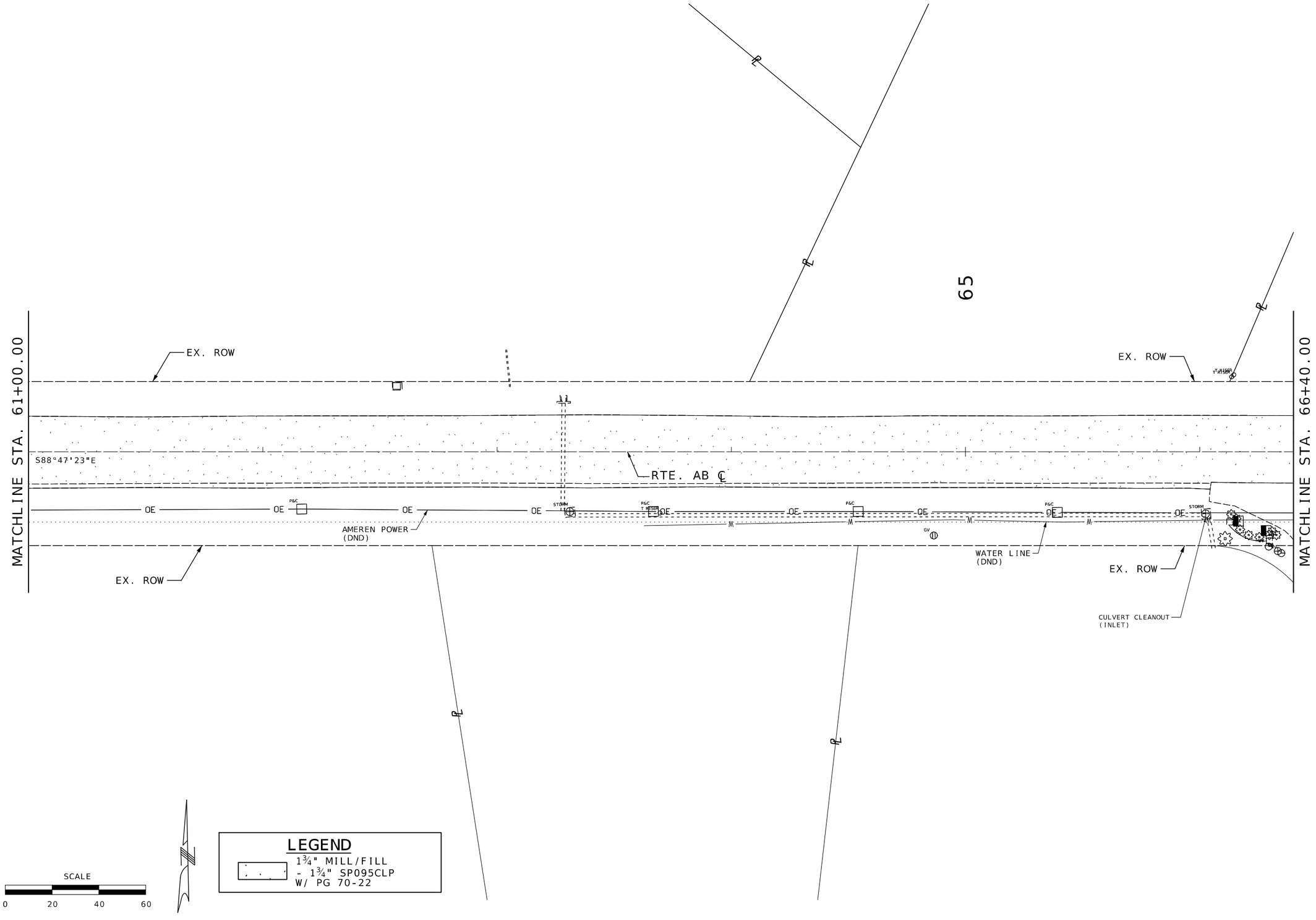
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 9:30:29 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	16

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

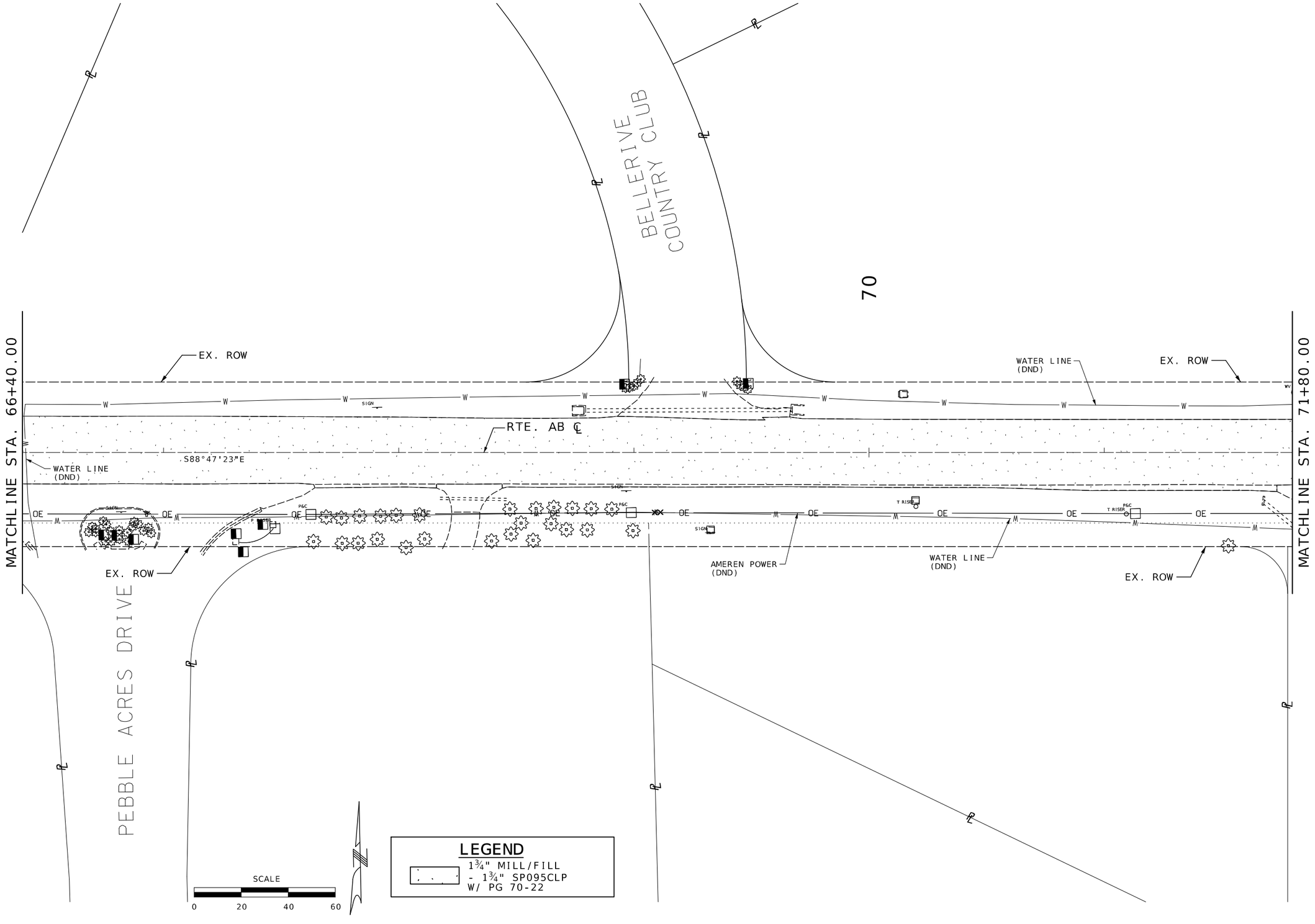
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 9:30:45 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

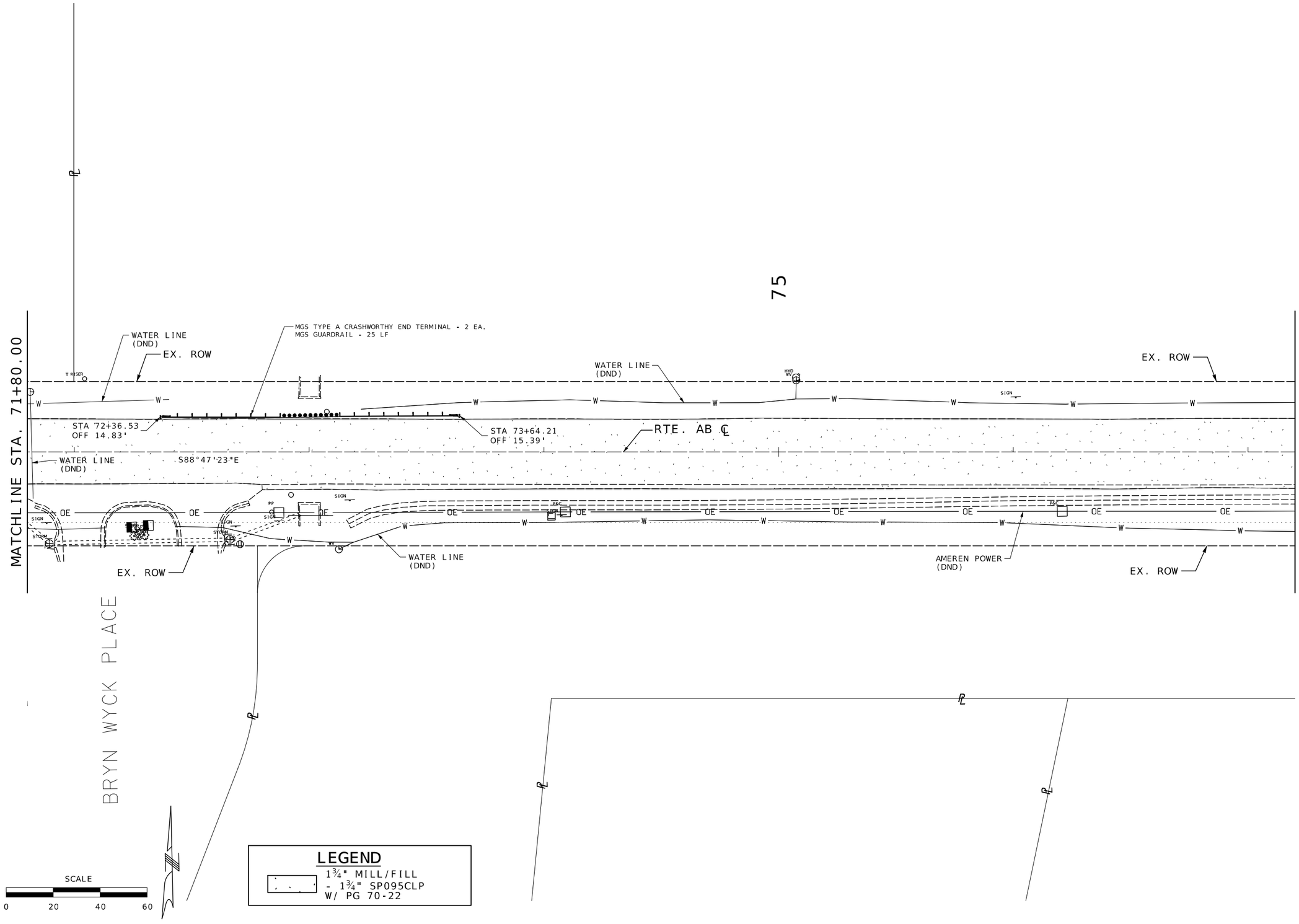
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 9:31:04 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

80

STA. 77+20.00

MATCHLINE STA. 77+20.00

EX. ROW

RTE. AB ℄

S88°47'23"E

AMEREN POWER (DND)

WATER LINE (DND)

EX. ROW

WATER LINE (DND)

EX. ROW

STA. 82+60.00

MATCHLINE STA. 82+60.00

℄

℄

SCALE

0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

05/10/2024 9:32:07 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

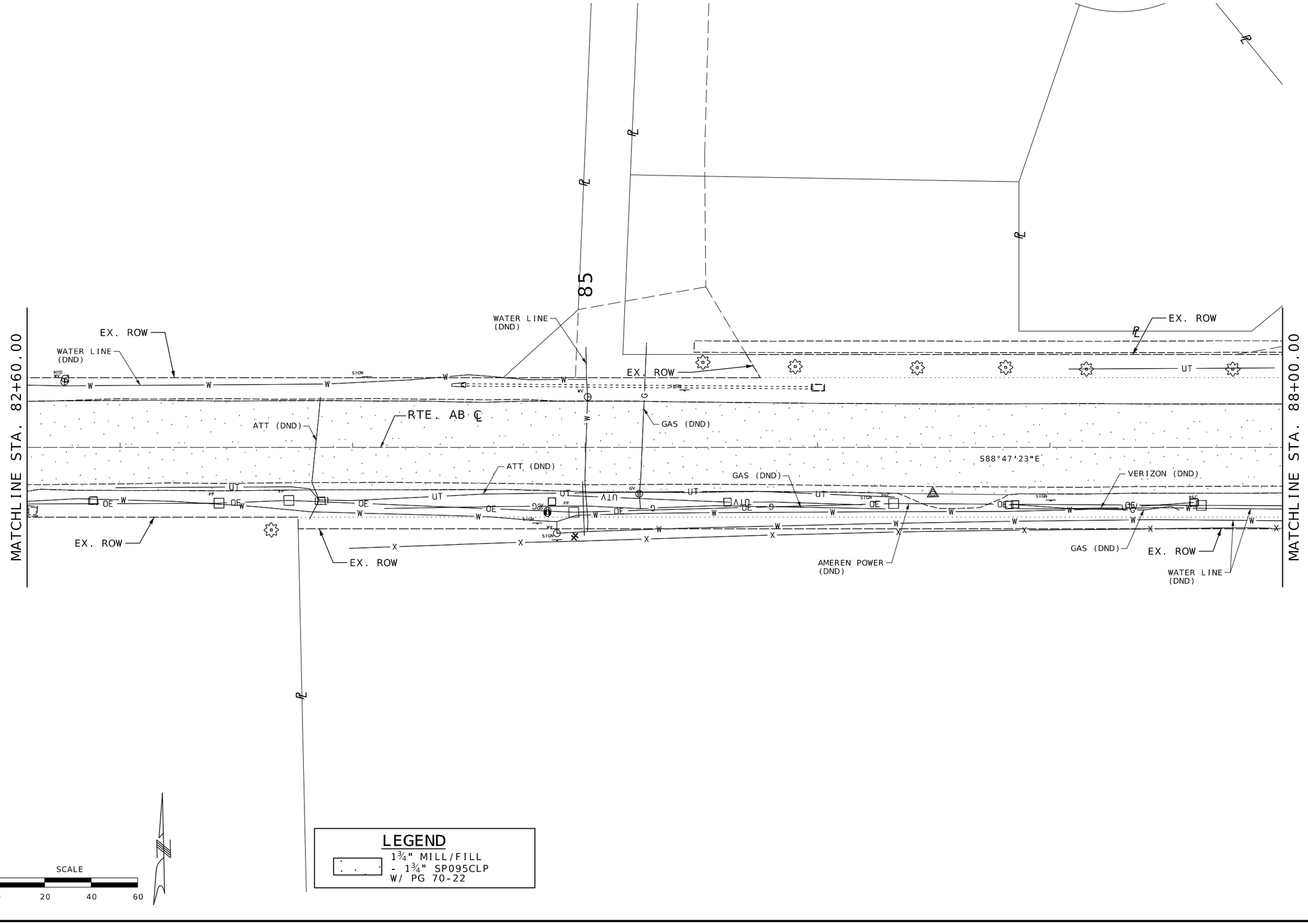
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:20:50 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

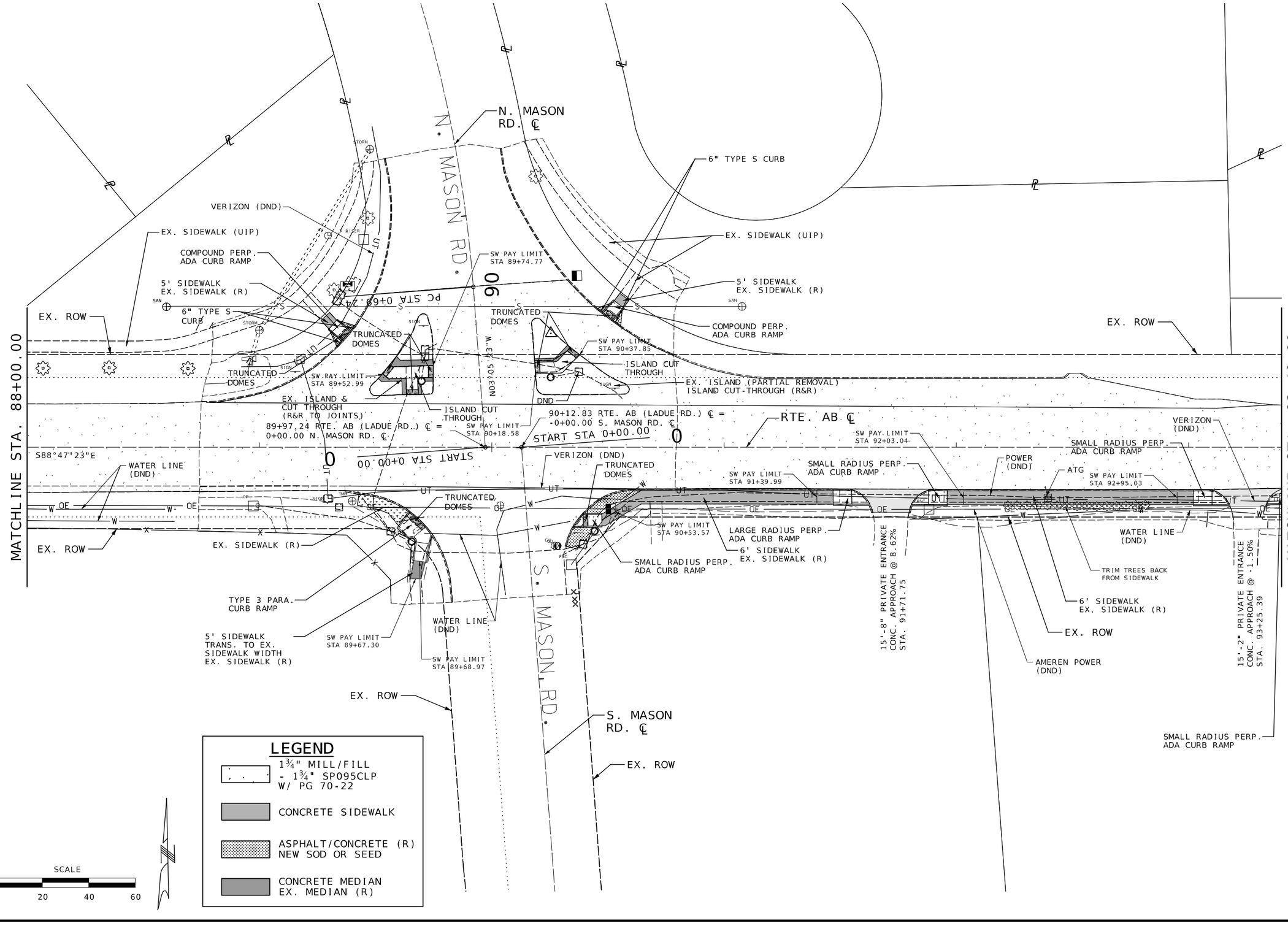
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:22:49 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	21

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

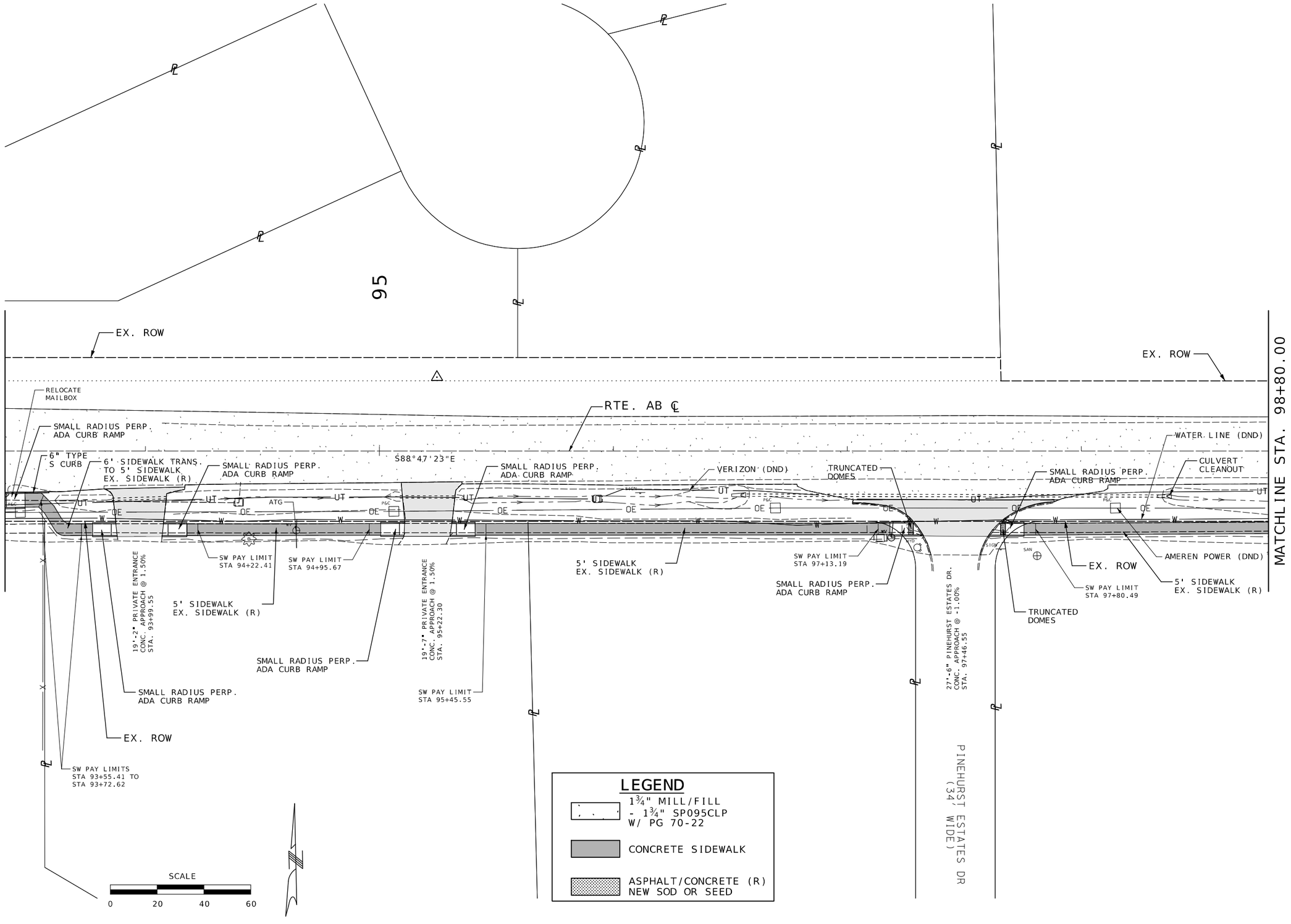
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:25:34 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

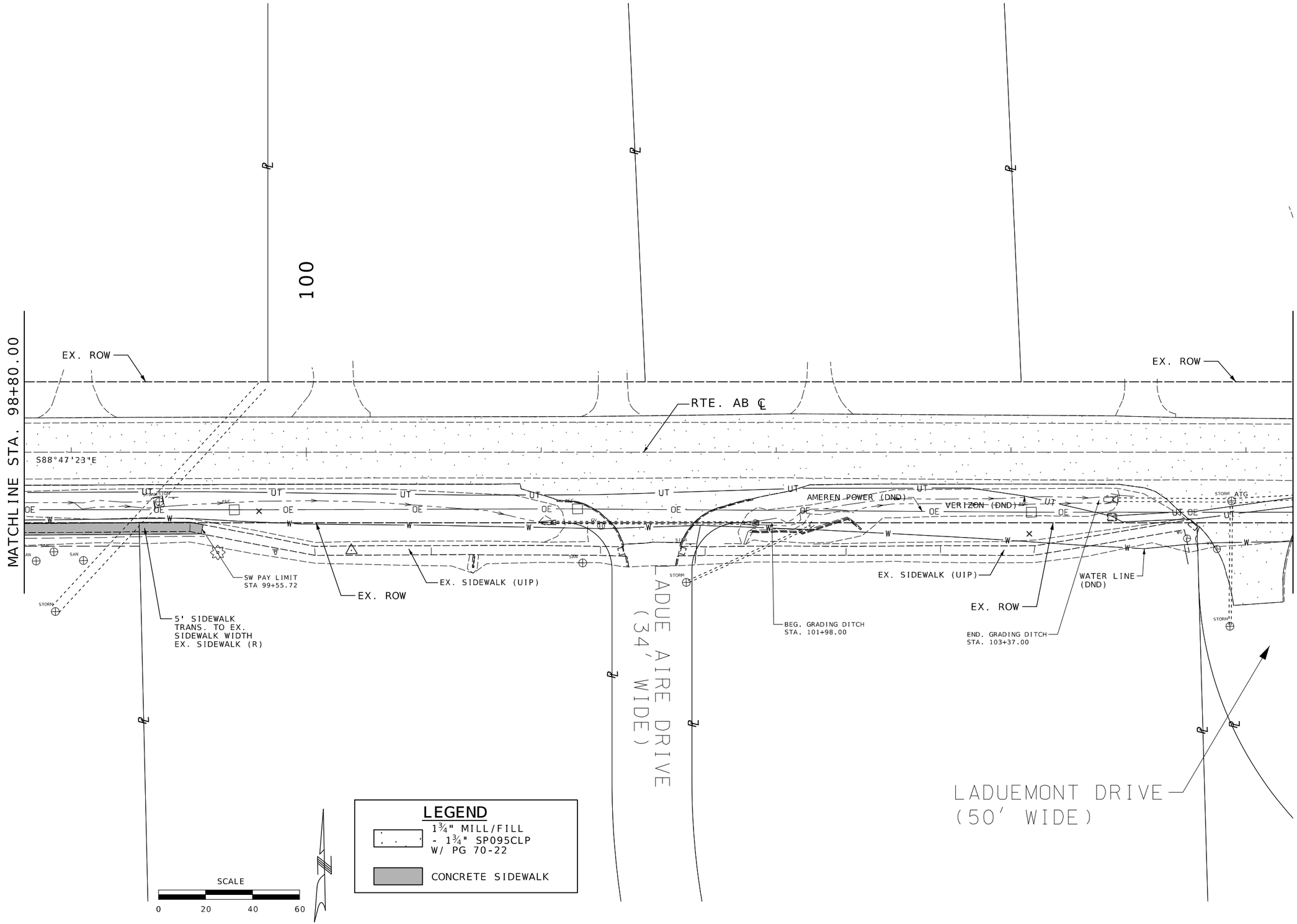
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 1:22:48 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	23

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

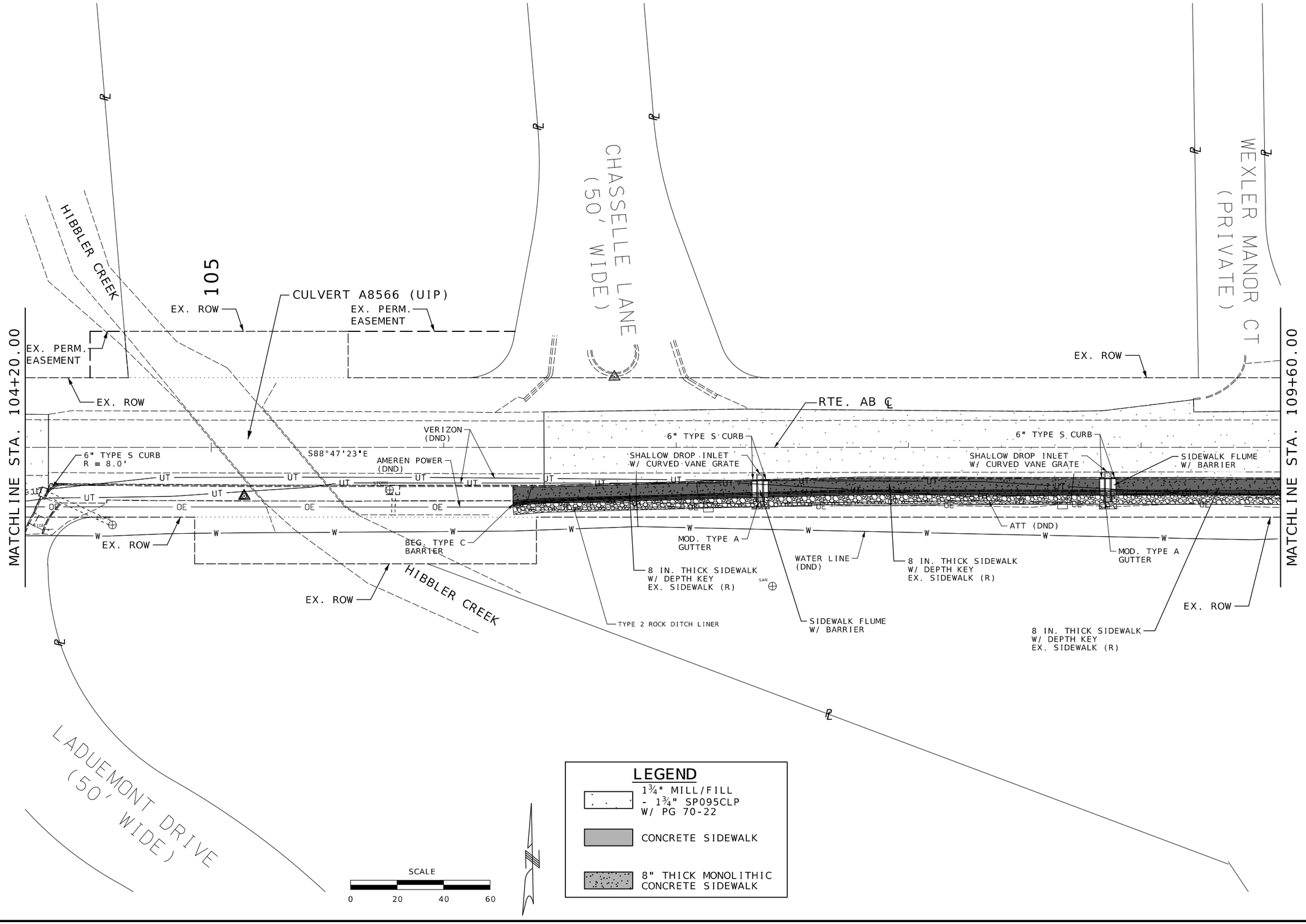
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:25:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

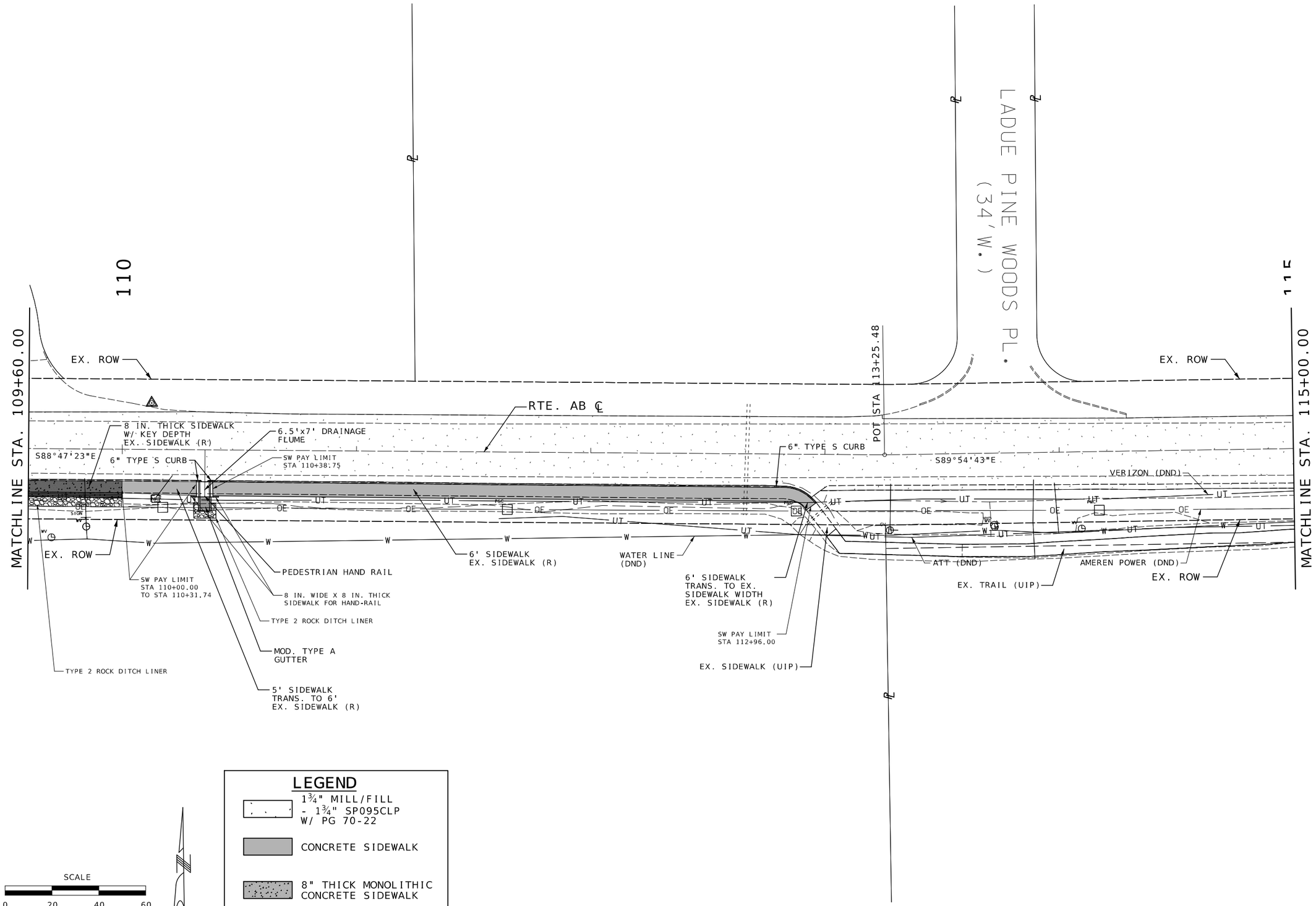
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart M McN

06/10/2024 12:26:15 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	25

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE STA. 115+00.00

EX. ROW

RTE. AB ℄

S89°54'43"E

LADUE WOODS ESTATES
(VARIABLE WIDTH)

℄

℄

120

EX. ROW

MATCHLINE STA. 120+40.00

VERIZON (DND)

UT OE W C GV

EX. ROW

EX. TRAIL (UIP)

WATER LINE
(DND)

STA 116+88.85
OFF 17.27'

AMEREN POWER (DND)

GAS LINE (DND)

ATT (DND)

TYPE 2 ROCK DITCH LINER

EX. TRAIL (UIP)

EX. ROW

MGS TYPE A CWET - 2 EACH
MGS GUARDRAIL - 350 LF

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:26:29 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	26

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

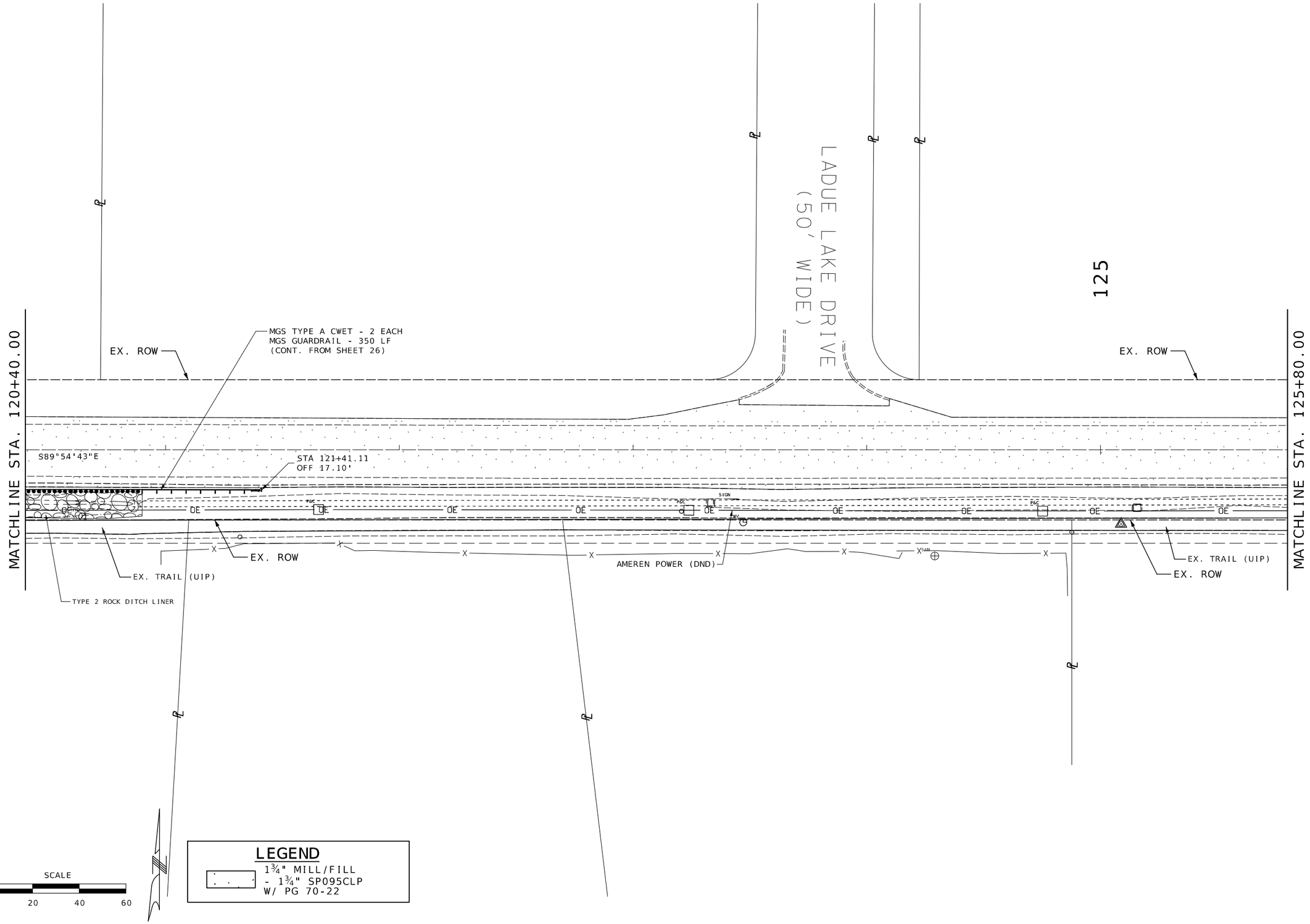
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:26:45 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

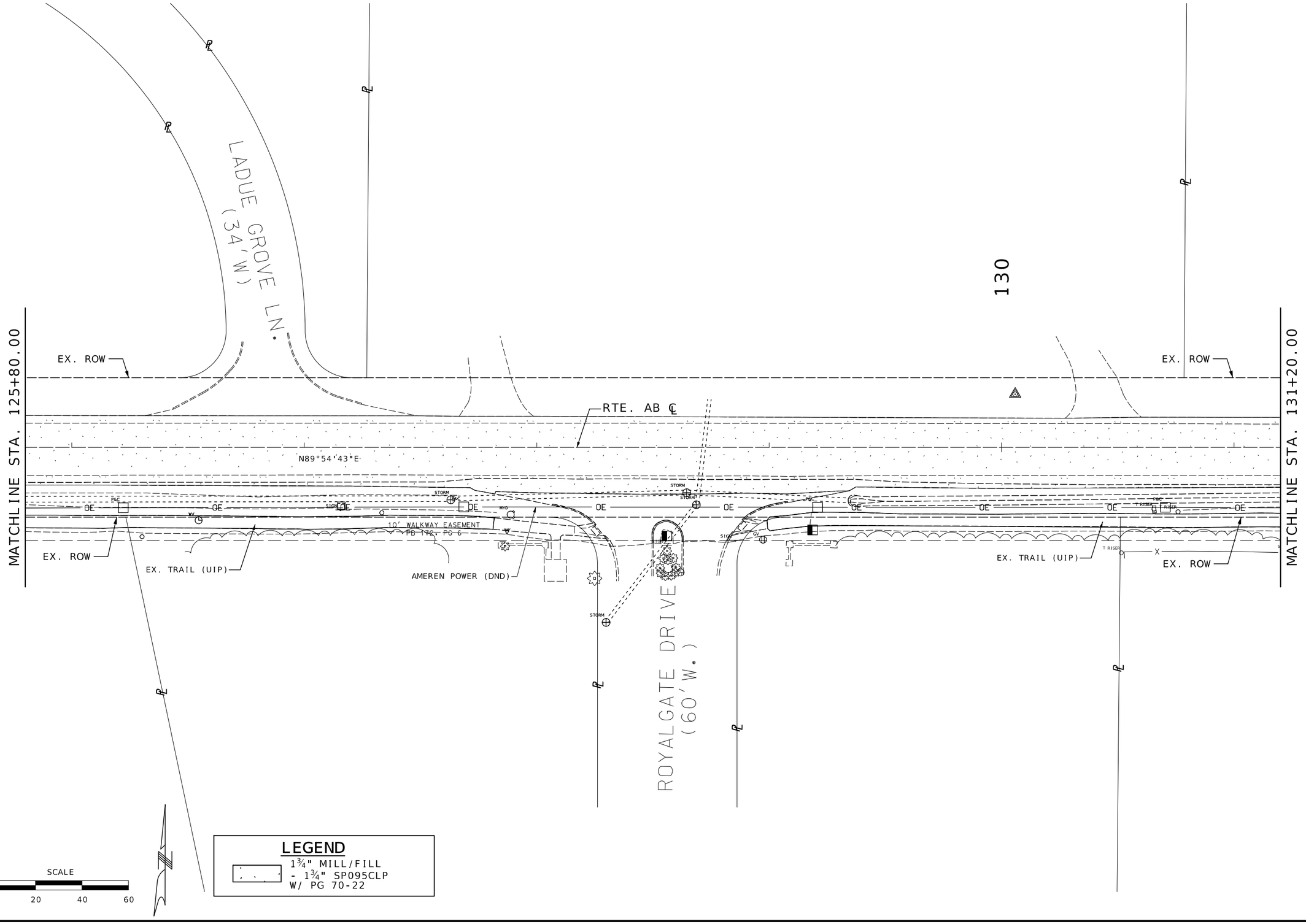
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 12:26:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	28

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE STA. 131+20.00

MATCHLINE STA. 136+60.00

135

℄

EX. ROW

RTE. AB ℄

S89°54'43"E.

OE

PED/BC

PED/BC

PED/BC

GV

SAN

EX. ROW

EX. TRAIL (UIP)

AMEREN POWER (DND)

EX. TRAIL (UIP)

EX. ROW

SCALE

0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:27:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

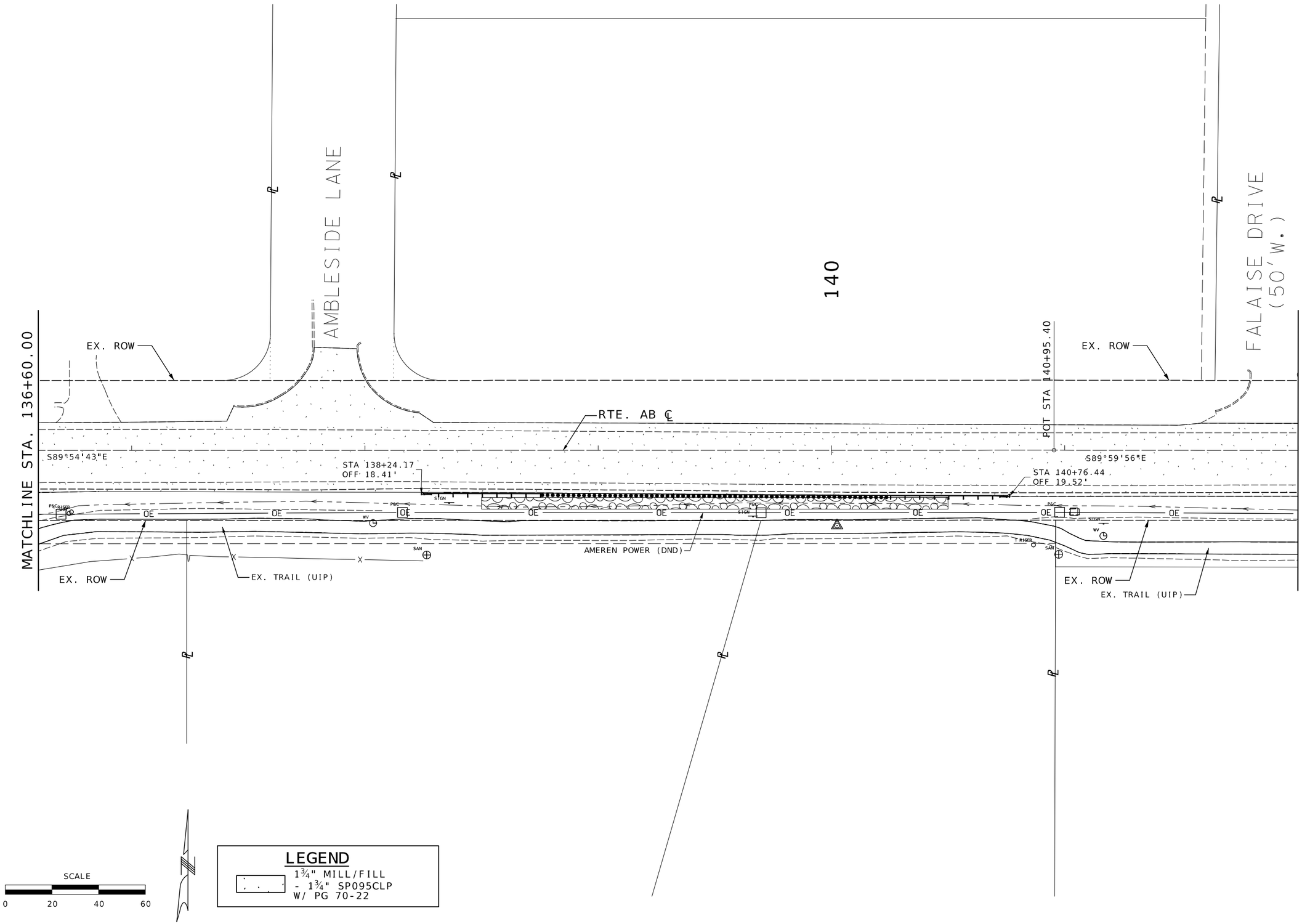
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

08/10/2024 12:27:21 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	30

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

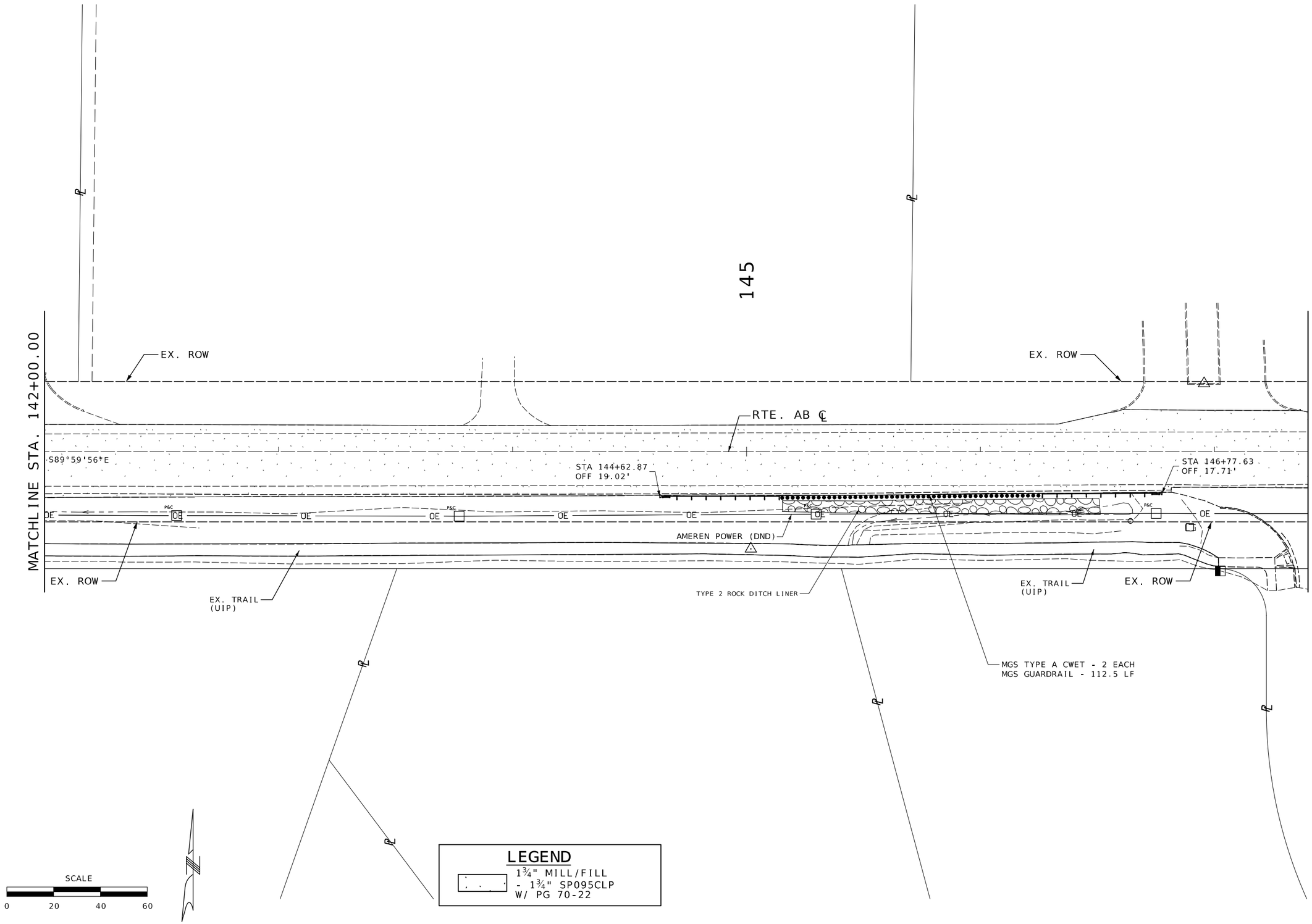
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:27:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	31

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

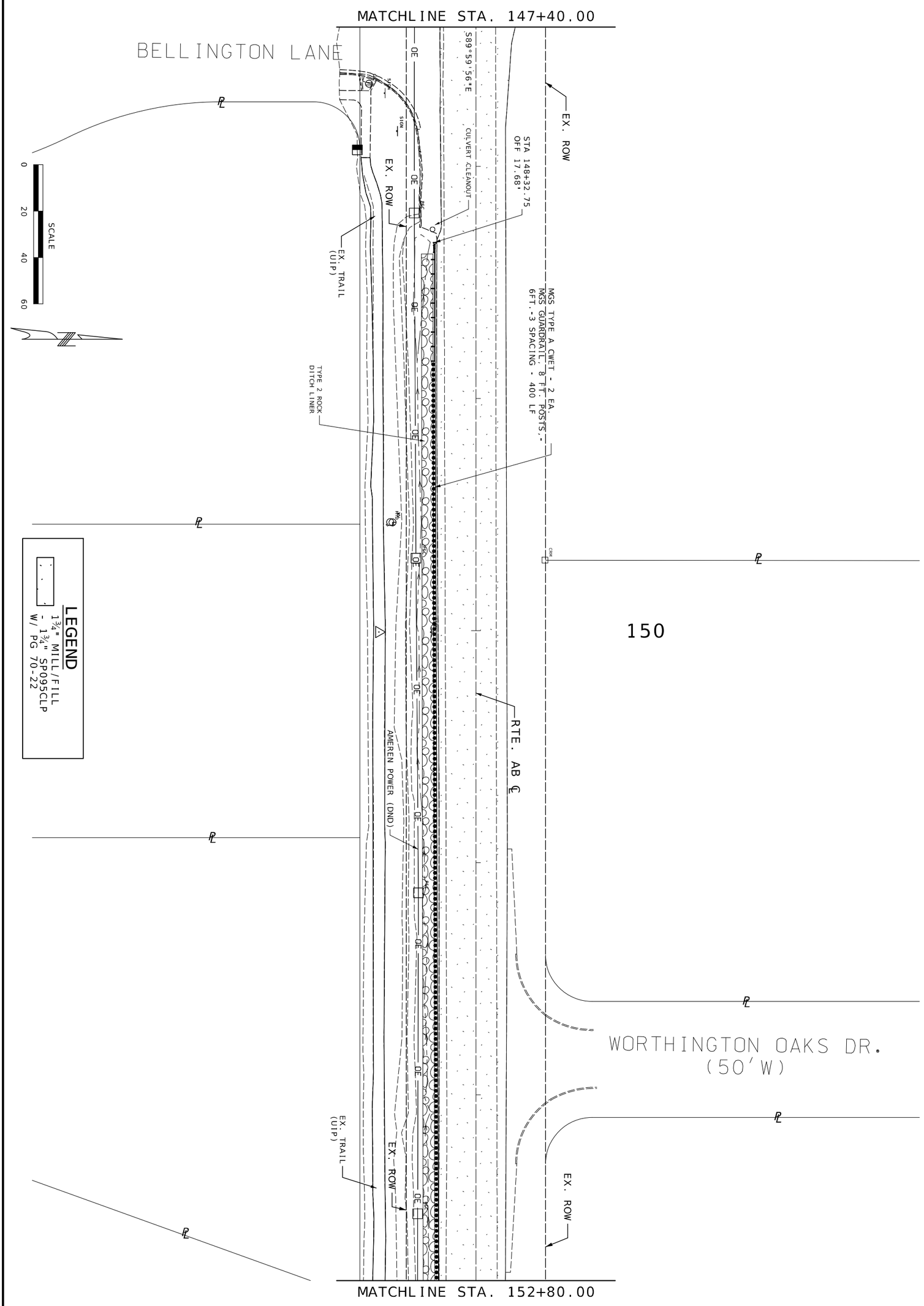
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



PLAN SHEET

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
J6S3633

JOB NO.

COUNTY
ST. LOUIS

DISTRICT
SL

SHEET NO.
32

ROUTE
AB

STATE
MO

DATE PREPARED
6/4/2024

STATE OF MISSOURI
ROBERT STUART HUDSON
NUMBER PE-2009019587
STUART.HUDSON@MODOT.MO.GOV - CIVIL
06/10/2024 12:30:09 PM
MO:PE-2009019587

MATCHLINE STA. 152+80.00

MATCHLINE STA. 158+20.00

155

MGS TYPE A CWET - 2 EA.
MGS GUARDRAIL 8 FT. POSTS
6 FT.-3 SPACING - 400 LF
(CONT. FROM SHEET 32)

STA 153+33.79
OFF 16.23'

EX. ROW

RTE. AB ℄

S89°59'56"E

N89°59'56"E

EX. SIDEWALK
(UIP)

EX. ROW

HYD

6' SIDEWALK
EX. SIDEWALK (R)

SW PAY LIMIT
STA 157+97.66

AMEREN POWER
UNDER

OE

EX. ROW

SMALL RADIUS
PERP. ADA
CURB RAMP

19'-4" PRIVATE ENTRANCE
CONCRETE APPROACH @ 3.62%
STA. 157+67.70

TYPE 2 ROCK
DITCH LINER

BEG. TYPE 1 DITCH LINER
Beg. REGRADING DITCH
EX. PIPE (R)

EX. ROW

EX. TRAIL
(UIP)

TYPE 1 ROCK
DITCH LINER

EX. TRAIL
(UIP)

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

CONCRETE SIDEWALK

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:31:02 PM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE STA. 158+20.00

MATCHLINE STA. 163+60.00

160

BELLE MAISON LN
(50'W) PRIVATE

RTE. AB ℄

S89°59'56"E

EX. SIDEWALK
(UIP)

EX. ROW

WATER LINE
(DND)

ATT (DND)

GAS (DND)

AMEREN POWER
(DND)

SW PAY LIMIT
STA 163+12.70

STA. 162+96
BEGIN 5'
SIDEWALK

6' SIDEWALK
EX. SIDEWALK (R)

SW PAY LIMIT
STA 159+15.70

6' SIDEWALK
EX. SIDEWALK (R')

SW PAY LIMIT
STA 160+52.90

SW PAY LIMIT
STA 161+22.27

SW PAY LIMIT
STA 162+03.77

TYPE B
C&G

5' SIDEWALK

SMALL RADIUS PERP.
ADA CURB RAMP

TRUNCATED
DOMES

LARGE RADIUS PERP.
ADA CURB RAMP

6" TYPE S CURB

19'-8" PRIVATE ENTRANCE
CONC. APPROACH @ 0.50%
STA. 158+65.83

9'-6" PRIVATE ENTRANCE
CONC. APPROACH @ 19.41%
STA. 158+84.61

14'-0" PRIVATE ENTRANCE
CONC. APPROACH @ 10.77%
STA. 160+82.13

10'-6" PRIVATE ENTRANCE
CONC. APPROACH @ 7.67%
STA. 160+96.25

ATG BY
OTHERS

13'-7"" PRIVATE ENTRANCE
CONC. APPROACH @ 1.50%
STA. 162+31.81

30'-0" LADUE PINES DR
CONC. APPROACH @ 1.00%
STA. 163+50.59

SW PAY LIMIT
STA 158+34.26

SW PAY LIMIT
STA 162+59.23

LADUE PINES DRIVE

LEGEND

- 1¾" MILL/FILL - 1¾" SP095CLP W/ PG 70-22
- CONCRETE SIDEWALK
- ASPHALT/CONCRETE (R) NEW SOD OR SEED

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:31:14 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

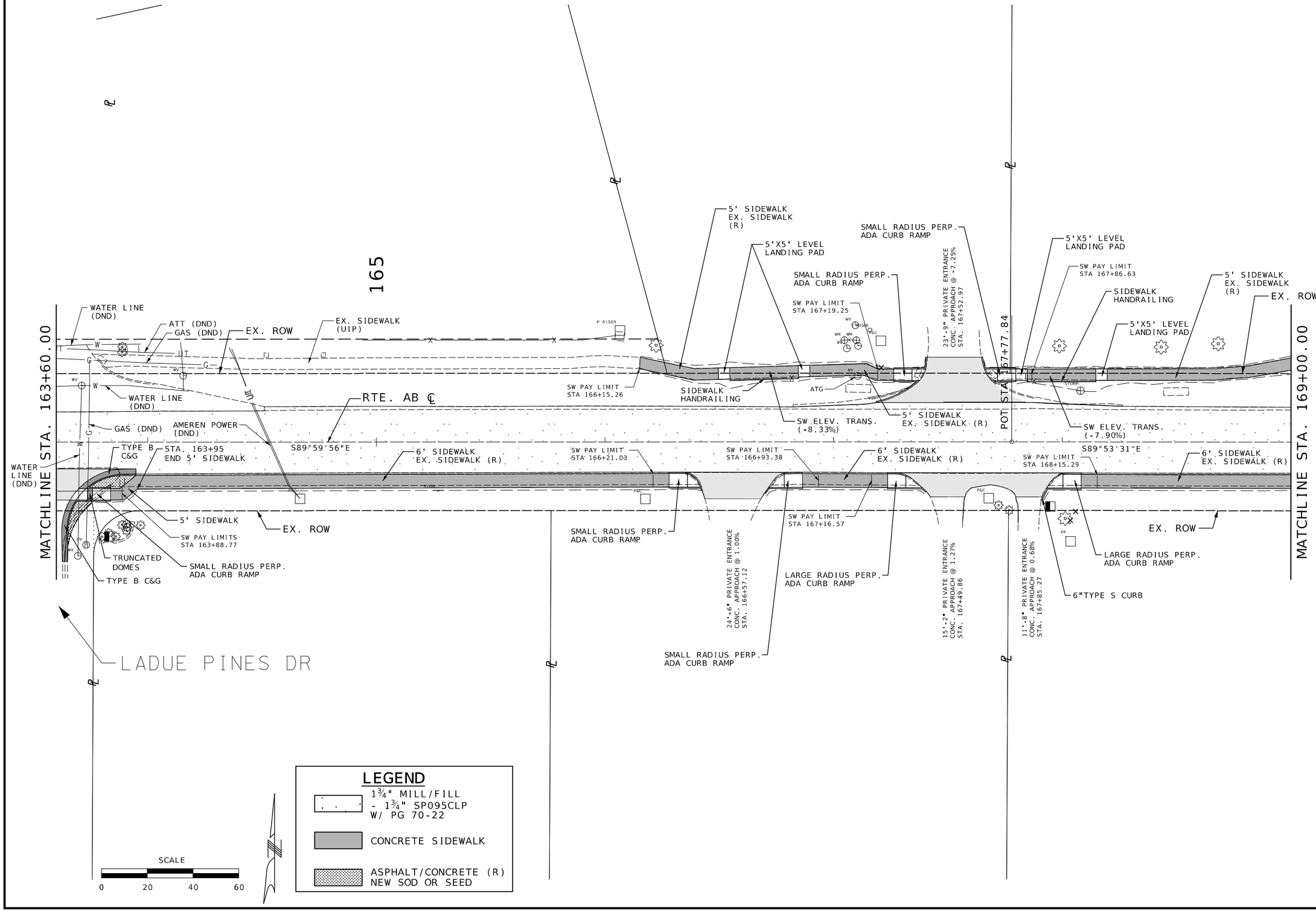
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:32:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	35

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

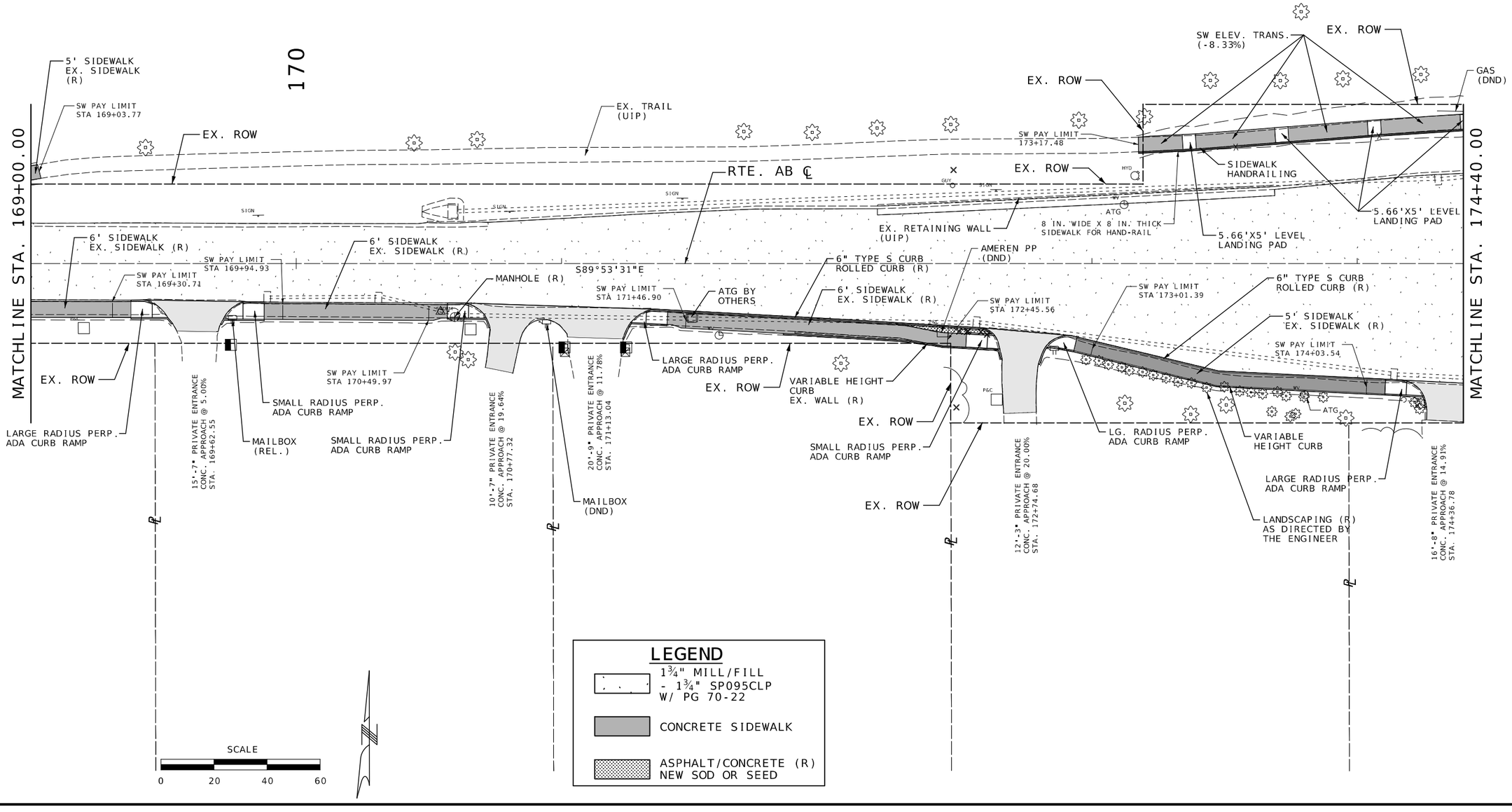
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 12:32:29 PM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE STA. 174+40.00

MATCHLINE STA. 179+80.00

MATCHLINE SHEET 40

MATCHLINE SHEET 41

EX. ROW

5' SIDEWALK TIE INTO EX. SIDEWALK WIDTH AT STA. 175+50

STA. 175+43 END SW. ELEV. TRANS. BEGIN SIDEWALK

SW ELEV. TRANS. (-8.25%)

SW ELEV. TRANS. (-8.33%)

175

COEUR DE VILLE DR.

SW PAY LIMT STA 175+44.02 TO STA 175+49.80

TRUNCATED DOMES

PULL BOX (R)

R&REP

GAS (DND)

ATG BY OTHERS

SIDEWALK HANDRAILING

5.66'X5' LEVEL LANDING PAD

SW PAY LIMT STA 175+43.72

BLENDED TRANSITION ADA CURB RAMP

6" TYPE S CURB

TRUNCATED DOMES

TYPE 1 PARALLEL ADA CURB RAMP

POWER (DND)

WATER LINE (DND)

SW PAY LIMIT STA 176+49.33

6' SIDEWALK EX. SIDEWALK (R)

SW PAY LIMIT STA 177+93.89

EX. ISLAND & CUT THROUGH (UIP)

6" TYPE S CURB ROLLED CURB (R)

TYPE 1 PARALLEL ADA CURB RAMP

TRUNCATED DOMES

ISLAND CUT THROUGH

EX. ISLAND & CUT THROUGH (R&R)

SW PAY LIMIT STA 178+28.53 TO STA 178+37.17

TRUNCATED DOMES

VAR. WIDTH SIDEWALK EX. SIDEWALK (R)

SW PAY LIMIT STA 178+85.67

TYPE A GUTTER

GAS (DND)

6" RAISED MEDIAN (R&R)

SMALL RADIUS PERP. ADA CURB RAMP

TYPE A BARRIER (UIP)

RTE. AB ℄

PDT STA 0+00.00

S89°53'31"E

6" TYPE S CURB ROLLED CURB (R)

GAS (DND)

6' SIDEWALK EX. SIDEWALK (R)

SW PAY LIMIT STA 174+66.34

ATG

TRUNCATED DOMES

VERIZON (DND)

ATT (DND)

SW PAY LIMIT STA 175+28.55

POWER (DND)

MODOT ITS (DND)

GAS (DND)

LARGE RADIUS PERP. ADA CURB RAMP

EX. ROW

TYPE 3 PARALLEL ADA CURB RAMP

BEACON HILL LN.

EX. ISLAND & CUT THROUGH (UIP)

TYPE A BARRIER (UIP)

MODOT ITS (DND)

I-270 SB ON-RAMP

I-270 SB OFF-RAMP

EX. ROW

LEGEND

- 1¾" MILL/FILL - 1¾" SP095CLP W/ PG 70-22
- CONCRETE SIDEWALK
- ASPHALT/CONCRETE (R) NEW SOD OR SEED
- CONCRETE MEDIAN EX. MEDIAN (R)

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

06/10/2024 12:33:11 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	37

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE SHEET 40

I-270 NB ON-RAMP

MATCHLINE STA. 179+80.00

MATCHLINE STA. 185+20.00

180

185

355

TYPE A GUTTER

TRANS. TYPE A GUTTER TO TYPE B GUTTER BETWEEN STA'S

TYPE B GUTTER

TRANS. TYPE B GUTTER TO TYPE A GUTTER BETWEEN STA'S

GAS (DND)

VAR. WIDTH SIDEWALK EX. SIDEWALK (R)

SW PAY LIMIT STA 182+83.37

MOD. TYPE A GUTTER

+66.58

+71.00

+04.52

+98.37

TYPE A CURB

VARIABLE HEIGHT CURB

TYPE A BARRIER (UIP)

6" TYPE S CURB

SMALL RADIUS PERP. ADA CURB RAMP

SW PAY LIMIT STA 183+23.99

TRUNCATED DOMES

TYPE 3 PARALLEL ADA CURB RAMP

SW PAY LIMIT STA 183+64.35

WATER LINE (DND)

6' SIDEWALK EX. SIDEWALK (R)

SW PAY LIMIT STA 183+38.62

EX. ISLAND & CUT THROUGH (R)

ISLAND CUT THROUGH

EX. ISLAND & CUT THROUGH (R&R)

RTE. AB ℄

S89°53'31"E

I-270 ℄

MODOT ITS (DND)

VERIZON (DND)

EX. ISLAND (R&R)

PC STA 356+56.12

I-270 NB OFF-RAMP

STA. 356+33.17 I-270 ℄ END MAINLINE PAVING

EX. ROW

SCALE

0 20 40 60

LEGEND

- 1¾" MILL/FILL - 1¾" SP095CLP W/ PG 70-22
- CONCRETE SIDEWALK
- CONCRETE SLOPE PROTECTION
- CONCRETE MEDIAN EX. MEDIAN (R)
- 8" CONCRETE APPROACH PAVEMENT
- ASPHALT/CONCRETE (R) NEW SOD OR SEED

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:36:04 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

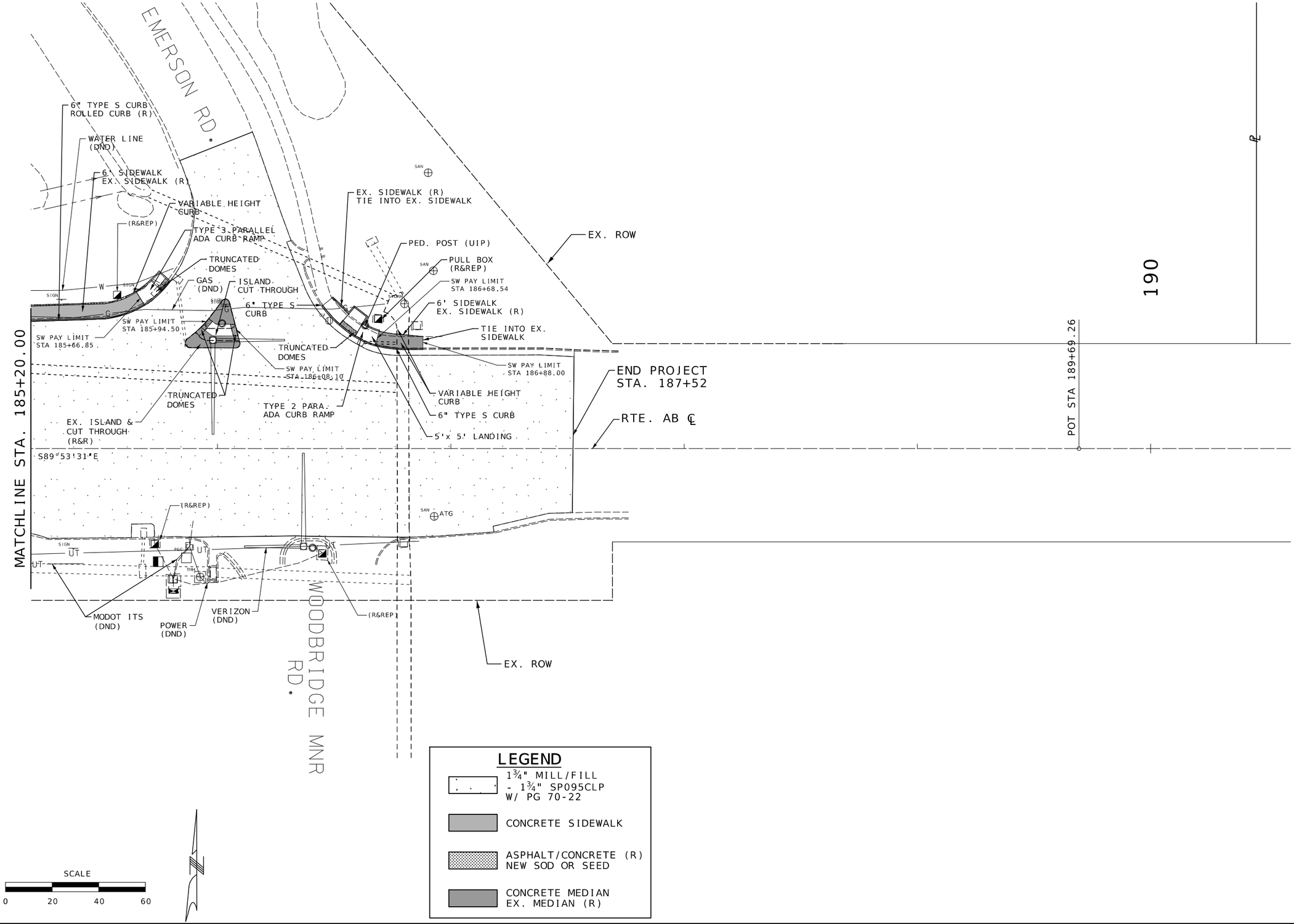
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



LEGEND

- 1¾" MILL/FILL - 1¾" SP095CLP W/ PG 70-22
- CONCRETE SIDEWALK
- ASPHALT/CONCRETE (R) NEW SOD OR SEED
- CONCRETE MEDIAN EX. MEDIAN (R)

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:36:19 PM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

350

STA. 350+64.73 I-270 ℄
END MAINLINE PAVING

EX. GUARDRAIL (UIP)

EX. GUARDRAIL (UIP)

I-270 ℄

STA. 351+16.52 I-270 ℄
END MAINLINE PAVING

I-270 SB
OFF-RAMP

I-270 NB
ON-RAMP

MATCHLINE SHEET 37

MATCHLINE SHEET 38

SCALE
0 20 40 60

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 12:36:30 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	40

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

MATCHLINE SHEET 37

I-270 SB
ON-RAMP

PC STA 356+56.12

I-270 NB
OFF-RAMP

I-270 ℄

EX. ROW

STA. 358+50.26 I-270 ℄
END MAINLINE PAVING

EX. ROW

EX. ROW

EX. ROW

SCALE
0 20 40 60

360

LEGEND

1¾" MILL/FILL
- 1¾" SP095CLP
W/ PG 70-22

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:36:44 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	41

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET

START PROJECT
MATCHLINE STA. 7+00.00

BEGIN PROJECT
STA. 7+00

START PROJECT
MATCHLINE STA. 7+00.00

PRC STA. 7+93.02

10

RTE. AB ℄

PI 11+28.79
PC 7+93.02
PT 14+52.93
Δ 26°4'33.2" (LT)
D 3°57'5.1"
L 659.91' (ARC)
T 335.77'
R 1,450.00'

SEE SHEET 44
MATCHLINE STA. 4+00.00

W. CONNECTOR
RD. ℄

END STA 4+54.06

S15°55'38"W

0+00.00 E. CONNECTOR RD. ℄ =
11+83.05 RTE. AB (LADUE RD.) ℄

START STA. 0+00.00

E. CONNECTOR
RD. ℄

MATCHLINE STA. 0+50.00
SEE SHEET 43

4+54.06 W. CONNECTOR RD. ℄ =
12+31.87 RTE. AB (LADUE RD.) ℄

MATCHLINE STA. 12+40.00
SEE SHEET 7

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:35:29 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	42

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

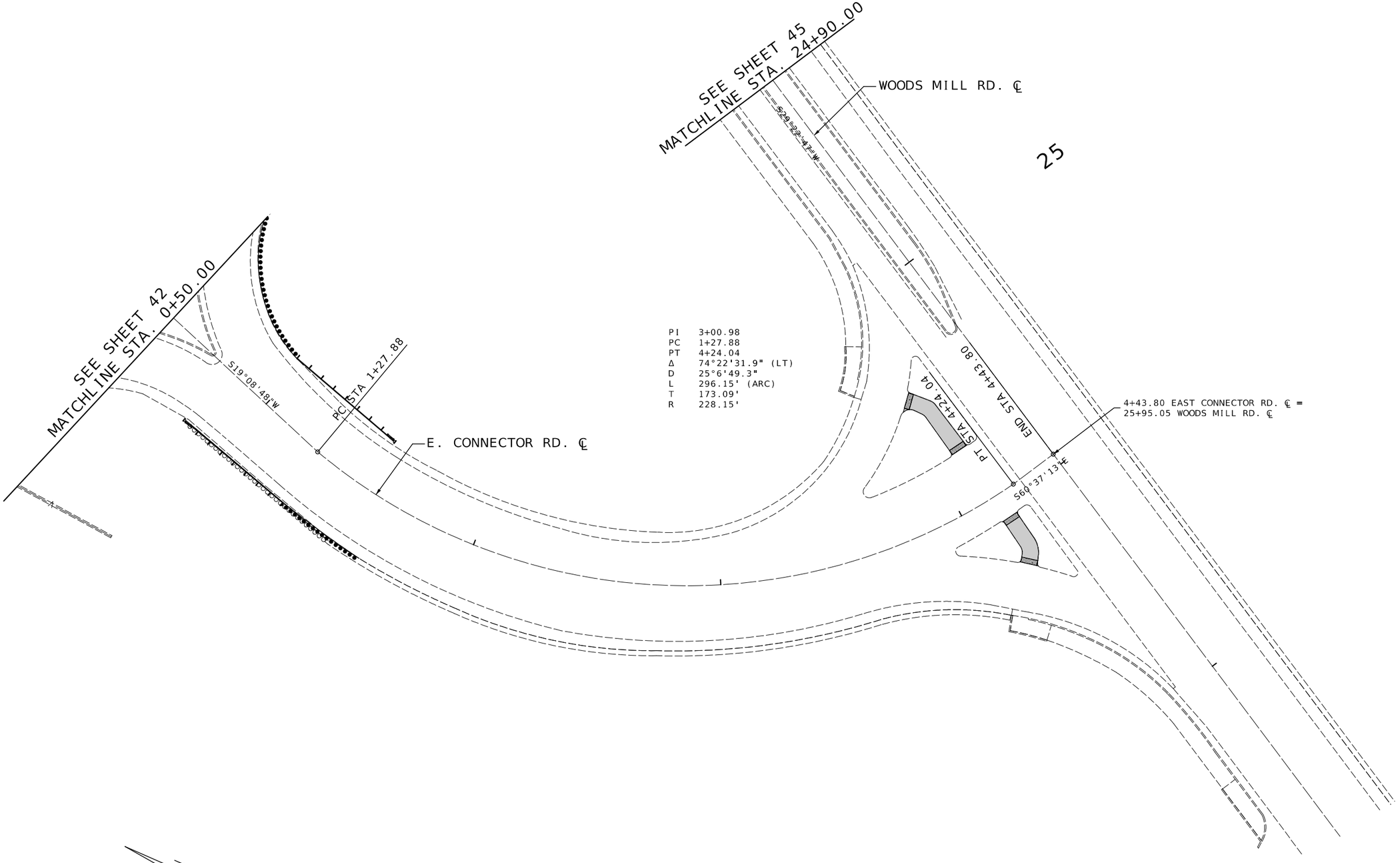
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:22:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	43

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

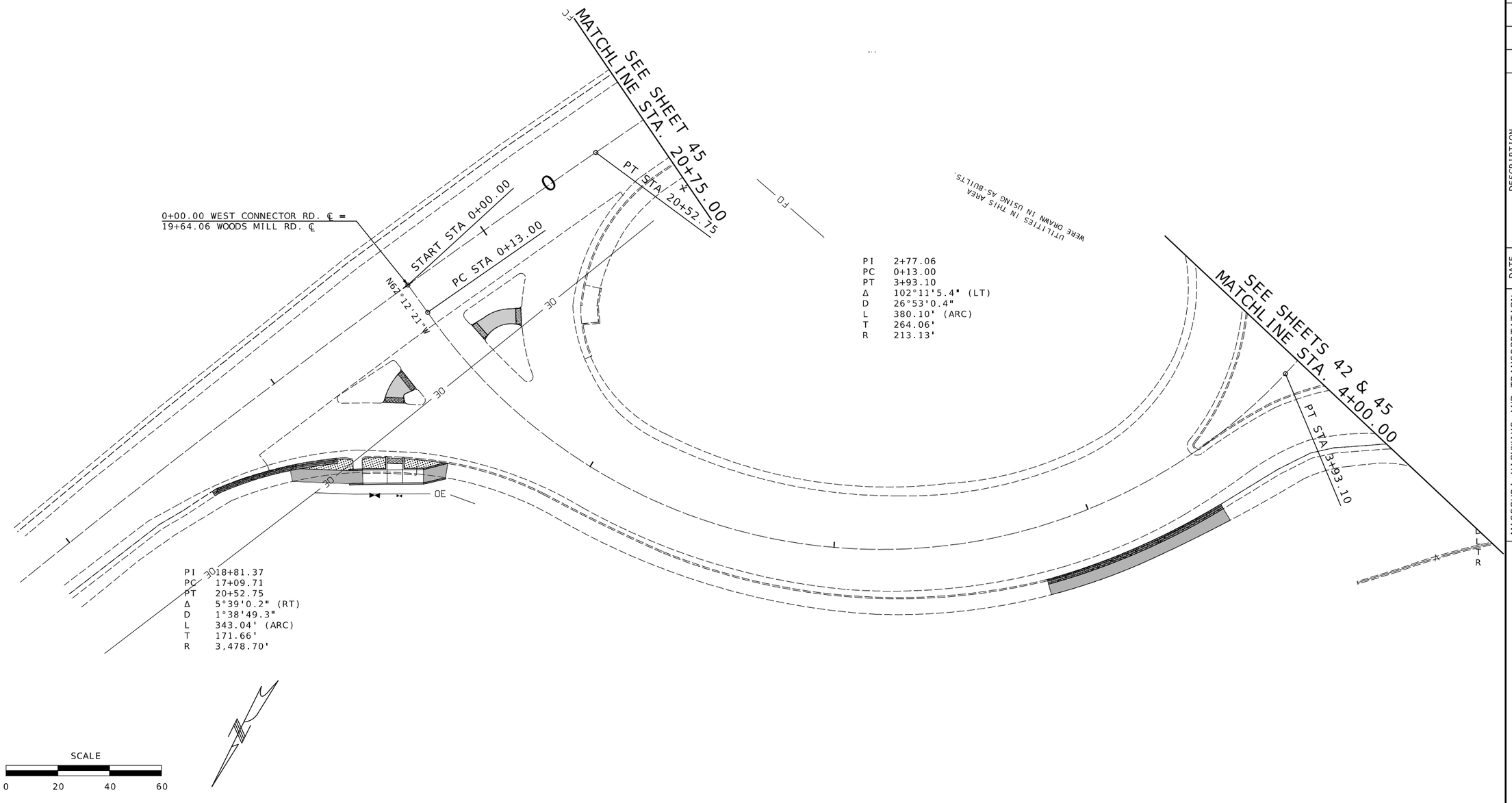
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

06/10/2024 10:36:40 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	44

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

SEE SHEET 44
MATCHLINE STA. 20+75.00

SEE SHEETS 42 & 44
MATCHLINE STA. 4+00.00

MATCHLINE STA. 12+40.00

MATCHLINE STA. 17+80.00

PI 291+15.94
PC 286+80.38
PT 295+43.64
Δ 18°49'16.7" (RT)
D 2°10'48.9"
L 863.26' (ARC)
T 435.56'
R 2,627.94'

PT STA 14+52.93

S81°56'20"E

RTE. AB ℄

RTE. 141 ℄

14+48.74 RTE. AB (LADUE RD.) ℄ =
22+20.92 WOODS MILL RD. ℄

17+00.35 RTE. AB (LADUE RD.) ℄ =
290+91.83 RTE. 141 ℄

WOODS MILL RD. ℄

FO

SEE SHEET 5
MATCHLINE STA. 24+10.00

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:36:49 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	45

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

BRAUER STEPEHN F TRUSTEE
13575 LADUE RD, ST. LOUIS, MO., 63141
NO AQUISITION

EX. ROW

EX. ROW

290

20

PC STA 22+87.04

MATCHLINE STA. 17+80.00

MATCHLINE STA. 23+20.00

S81°56'20"E

RTE. AB ℄

MATCHLINE

EX. ROW

EX. ROW

BRAUER STEPHEN F TRUSTEE
13500 LADUE RD, ST. LOUIS, MO., 63141
NO AQUISITION

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 10:37:00 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	46

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13575 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

BRAUER STEPHEN F TRUSTEE
13501 LADUE RD, ST. LOUIS, MO., 63141
NO AQUISITION

25

EX. ROW

RTE. AB ℄

PT STA 27+15.95

S53°21'41"E

EX. ROW

MATCHLINE STA. 23+20.00

MATCHLINE STA. 28+60.00

PI 25+04.84
PC 22+87.04
PT 27+15.95
Δ 24°34'28.6" (RT)
D 5°43'46.4"
L 428.91' (ARC)
T 217.80'
R 1,000.00'

EX. ROW

EX. ROW

BRAUER STEPHEN F TRUSTEE
13500 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:37:11 AM
STUART ROBINSON McNEIL- CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	47

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

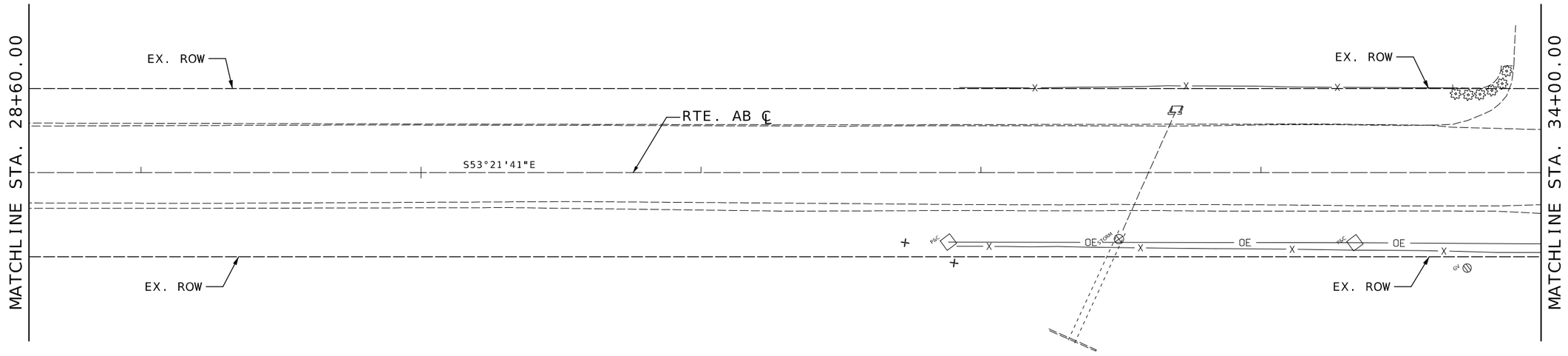
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13501 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

30



BRAUER STEPHEN F TRUSTEE
13500 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:37:24 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	48

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

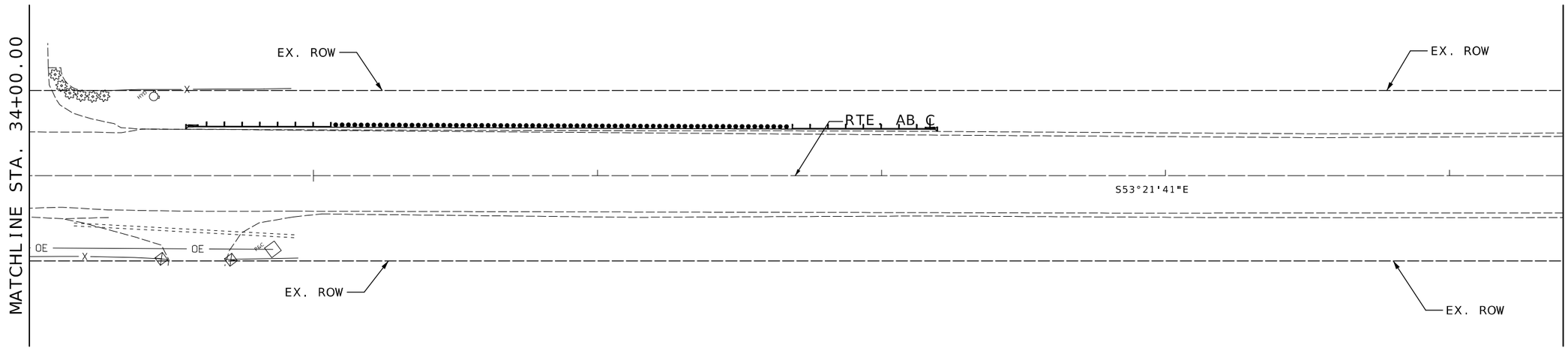
DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13311 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

35



BRAUER STEPHEN F TRUSTEE
13500 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:37:35 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	49

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13311 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

40

MATCHLINE STA. 39+40.00

EX. ROW

RTE. AB ℄

S53°21'41"E

EX. ROW

MATCHLINE STA. 44+80.00

EX. ROW

EX. ROW

BRAUER STEPHEN F TRUSTEE
13500 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:37:46 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	50

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13311 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

45

MATCHLINE STA. 44+80.00

EX. ROW

RTE. AB ℄

S53°21'41"E

EX. ROW

PC STA. 48+74.16

50

EX. ROW

MATCHLINE STA. 50+20.00

EX. ROW

BRAUER STEPHEN F TRUSTEE
13500 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

R

TP

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 10:37:56 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	51

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

RIGHT OF WAY PLAN

BRAUER STEPHEN F TRUSTEE
13175 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

PI 50+63.08
PC 48+74.16
PT 52+39.17
Δ 36°27'14.7" (LT)
D 9°59'14.0"
L 365.01' (ARC)
T 188.92'
R 573.69'

55

MATCHLINE STA. 50+20.00

EX. ROW

PT STA 52+39.17

℄ RTE. AB

S89°48'55"E

SIGN

P&C

OE

M

GV

EX. ROW

MATCHLINE STA. 55+60.00

EX. ROW

EX. ROW

HUNTER ENGINEERING CO
167 BABLER RD, ST. LOUIS MO, 63141
NO AQUISITION

CLAMP CHARLES F TRUSTEE
13182 LADUE RD, ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 10:38:08 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	52

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

ALEJANDRO STEINBACK
LIVING TRUST THE
30 BELLERIVE COUNTRY CLUB,
ST. LOUIS, MO, 63141
NO AQUISITION

BRAUER STEPHEN F TRUSTEE
13175 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

LADUE MASON
PROPERTIES INC
13005 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

60

STA. 55+60.00

MATCHLINE STA. 55+60.00

EX. ROW

EX. ROW

EX. ROW

POT STA. 60+39.39

STA. 61+00.00

MATCHLINE STA. 61+00.00

SIGN

℄ RTE. AB

S89°48'55"E

S89°48'55"E

S88°47'23"E

OE

P&C

M

EX. ROW

EX. ROW

EX. ROW

EX. ROW

SIGN

WV

BON CHATEAU DRIVE

℄

℄

℄

HOFFMAN JARED
104 BON CHATEAU DR, ST. LOUIS, MO, 63141
NO AQUISITION

KEEVAN RONALD J & JAQUELINE L H/W
105 BON CHATEAU DR, ST. LOUIS, MO, 63141
NO AQUISITION

DUNNE TIMOTHY JAMES
& ELLEN ANGELICA H/W
125 PEBBLE ACRES CT,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:38:21 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	53

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

ALEJANDRO STEINBACK
LIVING TRUST THE
30 BELLERIVE COUNTRY CLUB,
ST. LOUIS, MO, 63141
NO AQUISITION

32 BELLERIVE LLC
32 BELLERIVE COUNTRY CLUB GRDS DR,
ST. LOUIS, MO, 63141
NO AQUISITION

65

MATCHLINE STA. 61+00.00

MATCHLINE STA. 66+40.00

EX. ROW

EX. ROW

EX. ROW

EX. ROW

S88°47'23"E

RTE. AB ℄

OE OE OE OE OE OE OE OE OE OE

P&C P&C P&C P&C P&C

STORM STORM

M M M M M

GV

DUNNE TIMOTHY JAMES
& ELLEN ANGELICA H/W
125 PEBBLE ACRES CT,
ST. LOUIS, MO, 63141
NO AQUISITION

STEGMAN AMY C ET AL
119 PEBBLE ACRES CT,
ST. LOUIS, MO, 63141
NO AQUISITION

MILLER CHRISTINE F
101 PEBBLE ACRES DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2005019687
PROFESSIONAL ENGINEER
05/10/2024 10:38:34 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2005019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	54

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

BIRD STREET LLC
33 BELLERIVE COUNTRY CLUB GRDS DR
ST. LOUIS, MO, 63141
NO AQUISITION

BARTON JAMES F JR
1 BELLERIVE COUNTRY CLUB GRDS DR
ST. LOUIS, MO, 63141
NO AQUISITION

70

MATCHLINE STA. 66+40.00

MATCHLINE STA. 71+80.00

EX. ROW

EX. ROW

RTE. AB

S88°47'23"E

EX. ROW

EX. ROW

PEBBLE ACRES DRIVE

VAINALIS CONSTANTINE & ALEXANDRA
100 PEBBLE ACRES DR,
ST. LOUIS, MO, 63141
NO AQUISITION

BRYN WYCK TRUSTEES
101 BRYN WYCK PL,
ST. LOUIS, MO, 63141
NO AQUISITION

WAGNER COREY & EMMA T/E
111 BRYN WYCK PL,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:38:46 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	55

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

GOLF CLUB
INVESTMENT COMPANY
12925 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

75

MATCHLINE STA. 71+80.00

MATCHLINE STA. 77+20.00

EX. ROW

EX. ROW

EX. ROW

EX. ROW

RTE. AB ℄

S88°47'23"E

BRYN WYCK PLACE

BYRN WYCK TRUSTEES
104 BRYN WYCK PL,
ST. LOUIS, MO, 63141
NO AQUISITION

CRUZ MARY ALICE TRUSTEE
110 WYCKCLIFFE PL,
ST. LOUIS, MO, 63141
NO AQUISITION

RUFF ROBYN A
REVOCABLE TRUST ETAL
122 WYCKCLIFFE PL,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:38:56 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	56

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

GOLF CLUB
INVESTMENT COMPANY
12925 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

80

MATCHLINE STA. 77+20.00

EX. ROW

RTE. AB ℄

S88°47'23"E

EX. ROW

MATCHLINE STA. 82+60.00

EX. ROW

EX. ROW

BYRN WYCK TRUSTEES
104 BRYN WYCK PL,
ST. LOUIS, MO, 63141
NO AQUISITION

RUFF ROBYN A
REVOCABLE TRUST ETAL
122 WYCKCLIFFE PL,
ST. LOUIS, MO, 63141
NO AQUISITION

KIRK OF THE
HILLS (THE)
12928 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 10:39:06 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	57

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

LAND CORNER TIE *1
Found Iron Rod LS-19D at the Southwest Corner of Adjusted Common Ground *2
of Enclave Bellerive Plat 4 Boundary Adjustment Plat
Recorded in Plat Book 369 Page 89 of the St. Louis County Records
Said Iron Rod being N23°37'08"E 42.88' from Centerline Station 85+00

GOLF CLUB
INVESTMENT COMPANY
12925 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

BLAIR JAMES T IV
& ANNA T/E
505 NOMINI HALL CT,
ST. LOUIS, MO, 63141
NO AQUISITION

ENCLAVE BELLERIVE
HOMEOWNERS ASSOCIATION
502 NOMINI HALL CT,
ST. LOUIS, MO, 63141
NO AQUISITION

SPANN ANDREW LIVING TRUST
500 NOMINI HALL CT,
ST. LOUIS, MO, 63141
NO AQUISITION

KIRK OF THE
HILLS (THE)
12928 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

WHITFIELD SCHOOL INC
A MISSOURI CORP
175 S MASON RD,
ST. LOUIS, MO, 63141

MATCHLINE STA. 82+60.00

MATCHLINE STA. 88+00.00

EX. ROW

RTE. AB ℄

ATT (DND)

85

S88°47'23"E

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:39:19 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	58

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

EISENHART JAMES B
REVOCABLE TRUST
504 NOMINI HALL CT,
ST. LOUIS, MO, 63141
NO AQUISITION

ENCLAVE BELLERIVE
HOMEOWNERS ASSOCIATION
501 NOMINI HALL CT,
ST. LOUIS, MO, 63141
NO AQUISITION

PEARLMAN VICK E
REVOCABLE TRUST THE
304 WYTHE HOUSE CT,
ST. LOUIS, MO, 63141
NO AQUISITION

ENCLAVE BELLERIVE
ASSOCIATION
300 WYTHE HOUSE CT,
ST. LOUIS, MO, 63141
NO AQUISITION

LEGEND

- NEW CONCRETE SIDEWALK
- NEW CONCRETE ENTRACNE
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

N. MASON RD. ℄

S. MASON RD.

MATCHLINE STA. 88+00.00

MATCHLINE STA. 93+40.00

PC STA 0+69.24

90

N03°55'53"W

S88°47'23"E

RTE. AB ℄

89+97.24 RTE. AB (LADUE RD.) ℄ = 0+00.00 N. MASON RD. ℄

90+12.83 RTE. AB (LADUE RD.) ℄ = -0+00.00 S. MASON RD. ℄

START STA 0+00.00

EX. ROW

EX. SIGNAL POLE (UIP)

NEW LANDSCAPING
EX. SIDEWALK (R)

5' SIDEWALK
EX. SIDEWALK (R)

BLENDED TRANSITION
ADA CURB RAMP

TRUNCATED DOMES

6' SIDEWALK
EX. SIDEWALK (R)

LARGE RADIUS PERP.
ADA CURB RAMP

VAR. WIDTH
T.C.E.

VAR. WIDTH
P.S.E.

5' SIDEWALK
TRANS. TO EX.
SIDEWALK WIDTH
EX. SIDEWALK (R)

VAR. WIDTH
T.C.E.

SMALL RADIUS
PERP. ADA
CURB RAMP

EX. SIGNAL
POLE (UIP)

WATER LINE
(DND)

SMALL RADIUS PERP.
ADA CURB RAMP

POWER
(DND)

AMEREN POWER
(DND)

SHRUBS TO
BE REMOVED

WATER LINE
(DND)

VERIZON
(DND)

16' PRIVATE ENTRANCE
CONC. APPROACH @ 8.62%
STA. 91+72

EX. SLOPE
LINES

7' T.C.E.

6' SIDEWALK
EX. SIDEWALK (R)

15' PRIVATE ENTRANCE
CONC. APPROACH @ 6.0%
STA. 93+26

SMALL RADIUS PERP.
ADA CURB RAMP

1. STA. 89+65.86, OFFSET: 40.18' RT
2. C = S45°39'09"E, L(CHORD) = 9.36' L(ARC) = 9.39', R = 30.00'
3. STA. 89+72.69, OFFSET: 46.58' RT
4. S12°56'34"W, LENGTH = 11.16'
5. STA. 89+70.42, OFFSET: 57.50' RT
6. S89°26'46"W, LENGTH = 6.88'
7. STA. 89+63.55, OFFSET: 57.71' RT
8. N08°44'37"E, LENGTH = 17.69'
9. STA. 89+60.52, OFFSET: 37.29' RT
10. C = N60°25'54"W, L(CHORD) = 6.07', L(ARC) = 6.08', R = 30.00'
11. C = S23°30'15"E, L(CHORD) = 13.68', L(ARC) = 13.80', R = 30.00'
12. STA. 89+78.41, OFFSET: 59.00' RT
13. N88°47'23"W, LENGTH = 17.12'
14. STA. 89+61.29, OFFSET: 59.00' RT
15. N00°48'46"W, LENGTH = 21.72'

(1)

WHITFIELD SCHOOL INC
A MISSOURI CORP
175 S MASON RD,
ST. LOUIS, MO, 63141

23.93 ACRES ORIGINAL
107 SF PERM. SIDEWALK ESM'T
145 SF TEMP. CONST. ESM'T
23.93 ACRES REMAINING

KIRK OF THE HILLS THE
12848 LADUE RD,
ST. LOUIS, MO, 63141

(2)

1.00 ACRES ORIGINAL
306 SF TEMP. CONST. ESM'T
1.00 ACRES REMAINING

1. STA. 90+55.14, OFFSET: 30.00' RT
2. S88°47'23"E, LENGTH = 8.22'
3. STA. 90+63.36, OFFSET: 30.00' RT
4. S01°12'37"W, LENGTH = 8.00'
5. STA. 90+63.36, OFFSET: 38.00' RT
6. N88°47'23"W, LENGTH = 15.64'
7. STA. 90+47.71, OFFSET: 38.00' RT
8. N44°03'34"E, LENGTH = 10.91'

9. STA. 91+79.22, OFFSET: 30.00' RT
10. S88°47'23"E, LENGTH = 29.94'
11. STA. 92+09.16, OFFSET: 30.00' RT
12. N03°04'56"W, LENGTH = 7.02'
13. STA. 92+09.69, OFFSET: 37.00' RT
14. N88°47'23"W, LENGTH = 30.46'
15. STA. 91+79.22, OFFSET: 37.00' RT
16. N01°12'37"E, LENGTH = 7.00'

1. S88°47'23"E, LENGTH = 58.99'
2. STA. 92+68.15, OFFSET: 30.00' RT
3. S01°12'37"W, LENGTH = 7.00'
4. STA. 92+68.15, OFFSET: 37.00' RT
5. N88°47'23"W, LENGTH = 58.46'

POINTS 6-13 (SEE NEXT SHEET)

SCHNAAR MELISSA J
12836 LADUE RD,
ST. LOUIS, MO, 63141

(3)

1.09 ACRES ORIGINAL
428 SF TEMP. CONST. ESM'T
1.09 ACRES REMAINING

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 10:39:33 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

NEWSTEAD STEVEN G
& SHERRI L T/E
209 MULBERRY ROW CT,
ST. LOUIS, MO, 63141
NO AQUISITION

CODY FAMILY JOINT
REVOCABLE TRUST
205 MULBERRY ROW CT,
ST. LOUIS, MO, 63141
NO AQUISITION

ENCLAVE BELLERIVE
HOMEOWNERS ASSOCIATION
201 MULBERRY ROW CT,
ST. LOUIS, MO, 63141
NO AQUISITION

KANAKADANDILA KRISHNA
FAMILY TRUST
200 MULBERRY ROW CT,
ST. LOUIS, MO, 63141
NO AQUISITION

ANGLIN PETER I &
DESSISLAVA H/W
12775 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

95

LEGEND

- NEW CONCRETE SIDEWALK
- NEW CONCRETE ENTRACNE
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

MATCHLINE STA. 93+40.00

MATCHLINE STA. 98+80.00

EX. ROW

RTE. AB ℄

SMALL RADIUS PERP. ADA CURB RAMP

6" TYPE S CURB

S88°47'23"E

6' SIDEWALK TRANS. TO 5' SIDEWALK EX. SIDEWALK (R)

TRUNCATED DOMES

7.4' P.S.E.

AMEREN POWER (DND)

VERIZON (DND)

WATER LINE (DND)

EX. SLOPE LINES

19' PRIVATE ENTRANCE CONC. APPROACH @ 3.53% STA. 93+98

20' PRIVATE ENTRANCE CONC. APPROACH @ 3.73% STA. 95+20

28' ENTRANCE CONC. APPROACH @ 31.73% STA. 97+46

11' T.C.E.

3.41' T.C.E.

8' P.S.E.

5' SIDEWALK EX. SIDEWALK (R)

10' T.C.E.

EX. FENCE (DND)

PINEHURST ESTATES DR (34' WIDE)

1.09 ACRES ORIGINAL
428 SF TEMP. CONST. ESM'T
1.09 ACRES REMAINING

3

SCHNAAR MELISSA J
12836 LADUE RD.
ST. LOUIS, MO, 63141

POINTS 1-5 (SEE PREV. SHEET)
6. STA. 93+55.37, OFFSET: 30.00' RT
7. S88°47'23"E, LENGTH = 1.58'
8. STA. 93+56.95, OFFSET: 30.00' RT
9. S01°12'04"W, LENGTH = 11.00'
10. STA. 93+56.95, OFFSET: 41.00' RT
11. N88°47'23"W, LENGTH = 1.58'
12. STA. 93+55.37, OFFSET: 41.00' RT
13. S01°12'37"W, LENGTH = 11.00'

1.00 ACRES ORIGINAL
1543 SF PERM. SIDEWALK ESM'T
730 SF TEMP. CONST. ESM'T
1.00 ACRES REMAINING

WANG ZIWEN &
KAUFMAN ROBERT T/E
12824 LADUE RD,
ST. LOUIS, MO, 63141

4

1. STA. 93+57.83, OFFSET: 30.00' RT
2. S88°47'23"E, LENGTH = 205.64'
3. STA. 95+63.47, OFFSET: 30.00' RT
4. S00°13'23"E, LENGTH = 7.60'
5. STA. 95+63.66, OFFSET: 37.59' RT
6. N88°47'08"W, LENGTH = 201.23'
7. STA. 93+62.43, OFFSET: 37.58' RT
8. N30°03'06"W, LENGTH = 8.87'
9. S88°47'23"E, LENGTH = 0.88'
10. N00°13'23"W, LENGTH = 3.41'
11. STA. 95+63.75, OFFSET: 41.00' RT
12. N88°47'23"W, LENGTH = 206.75'

1.00 ACRES ORIGINAL
1189 SF PERM. SIDEWALK ESM'T
552 SF TEMP. CONST. ESM'T
1.00 ACRES REMAINING

BRAMBLETT RAYANNA
H TRUSTEE
123 PINEHURST ESTATES DR,
ST. LOUIS, MO, 63141

5

1. S88°47'23"E, LENGTH = 145.68'
2. STA. 97+09.15, OFFSET: 30.00' RT
3. C = S62°56'22"E, L(CHORD) = 17.44', L(ARC) = 18.05', R = 20.00'
4. STA. 97+24.85, OFFSET: 37.61' RT
5. N88°47'08"W, LENGTH = 161.19'
6. C = S31°18'41"E, L(CHORD) = 4.03', L(ARC) = 4.03', R = 20.00'
7. STA. 97+27.01, OFFSET: 41.00' RT
8. N88°47'23"W, LENGTH = 163.27'

1.00 ACRES ORIGINAL
1162 SF PERM. SIDEWALK ESM'T
256 SF TEMP. CONST. ESM'T
1.00 ACRES REMAINING

6

WOLKOWITZ BARBARA ANN
122 PINEHURST ESTATES DR,
ST. LOUIS, MO, 63141

POINTS 6-8 AND 12-13 (SEE NEXT SHEET)
1. N88°47'23"W, LENGTH = 161.40'
2. STA. 97+67.60, OFFSET: 37.42'
3. C = N65°41'47"E, L(CHORD) = 17.23', L(ARC) = 17.81', R = 20.00'
4. STA. 97+83.15, OFFSET: 30.00' RT
5. S88°47'23"E, LENGTH = 145.68'
9. C = S37°22'47"W, L(CHORD) = 1.96', L(ARC) = 1.96', R = 20.00'
10. STA. 97+66.45, OFFSET: 39.00' RT
11. N88°47'23"W, LENGTH = 162.59'

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:42:12 PM
STUART ROBINSON McNEIL CIVIL MO-PE-2006019687

DATE PREPARED: 6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	60

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

LAND CORNER TIE #2
Found Iron Pipe at the Southeast Corner of Lot 1
of Ladue Aire Estates Recorded in Plat Book 192 Page 54 of the
St. Louis County Records said Iron Pipe being S13°46'08"W 248.94'
from Centerline Station 102+00

ANGELIN PETER I
& DESISLAVA H/W
12775 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

SHULENBURGER ADAM A
12759 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

BRENNAN LADY ALICE
12747 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

NORMAN SALLY
& PAUL M T/E
12721 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

LEGEND
- NEW CONCRETE SIDEWALK
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

100

STA. 98+80.00

STA. 104+20.00

MATCHLINE STA. 98+80.00

MATCHLINE STA. 104+20.00

EX. ROW

RTE. AB ℄

5' SIDEWALK TRANS. TO EX. SIDEWALK WIDTH, EX. SIDEWALK (R)

S88°47'23"E

7.4' P.S.E.

AMEREN POWER (DND)

WATER LINE (DND)

VERIZON (DND)

EX. SIDEWALK (UIP)

EX. SLOPE LINES

1.57' T.C.E.

EX. DRAINAGE PIPE(UIP)

1.00 ACRES ORIGINAL
1162 SF PERM. SIDEWALK ESM'T
256 SF TEMP. CONST. ESM'T
1.00 ACRES REMAINING

6

WOLKOWITZ BARBARA ANN
122 PINEHURST ESTATES DR,
ST. LOUIS, MO, 63141

1.14 ACRES ORIGINAL
216 SF PERM. SIDEWALK ESM'T
46 SF TEMP. CONST. ESM'T
1.14 ACRES REMAINING

7

SCHOOL KRISTOPHER
& KENESIA T/E
101 LADUE AIRE DR,
ST. LOUIS, MO, 63141

LADUE AIRE DRIVE
(34' WIDE)

WEINHAUS EDWARD A
102 LADUE AIRE DR,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUEMONT DRIVE
(50' WIDE)

ALLEN CHRISTOPHER LEE
& CLARISSA JARA
121 LADUEMONT DR,
ST. LOUIS, MO, 63141
NO AQUISITION

POINTS 1-5, AND 9-11 (SEE PREV SHEET)
6. STA. 99+28.83, OFFSET: 30.00' RT
7. S00°07'12"E, LENGTH = 7.42'
8. STA. 99+29.01, OFFSET: 37.42' RT
12. STA. 99+29.04, OFFSET: 39.00' RT
13. S00°07'12"E, LENGTH = 1.58'

1. S88°47'23"E, LENGTH = 29.25'
2. STA. 99+58.09, OFFSET: 30.00' RT
3. S01°12'37"W, LENGTH = 7.42'
4. STA. 99+58.09, OFFSET: 37.42' RT
5. N88°47'23"W, LENGTH = 29.08'
6. S01°12'37"W, LENGTH = 1.58'
7. STA. 99+58.09, OFFSET: 39.00' RT
8. N88°47'23"W, LENGTH = 29.04'

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:42:20 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

NORMAN SALLY
& PAUL M T/E
12721 LADUE RD,
ST. LOUIS, MO, 63141

LT GROUP USA LLC
1 CHASSELLE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

JULIUS SHELLEY
TRUST ETAL
2 CHASSELLE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

CHASSELLE LANE
(50' WIDE)

WEXLER MANOR CT
(PRIVATE)

HIBBLER CREEK

105

EX. ROW

EX. PERM.
EASEMENT

EX. PERM.
EASEMENT

EX. ROW

EX. ROW

RTE. AB ℄

S88°47'23"E

STA. 104+20.00

STA. 109+60.00

MATCHLINE STA. 104+20.00

MATCHLINE STA. 109+60.00

UT

OE

W

EX. ROW

EX. ROW

EX. ROW

HIBBLER CREEK

LAKE DOROTHY L TRUST
130 LADUEMONT DR,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE CONWAY
ESTATES TRUSTEE
12670 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUEMONT DRIVE
(50' WIDE)

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
05/10/2024 12:42:29 PM
STUART ROBINSON McNEIL- CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	62

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

LEGEND

- NEW CONCRETE SIDEWALK
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

LAYCOB LELAND M
REVOCABLE TRUST ETAL
100 WEXLER MANOR CT,
ST. LOUIS, MO, 63141
NO AQUISITION

GINSBERG FRANK
REVOCABLE TRUST ETAL
101 LADUE PINE WOOD PL,
ST. LOUIS, MO, 63141
NO AQUISITION

KOENEMANN BARRY D
DEBORAH A TRS
102 LADUE PINE WOODS PL
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE PINE WOODS PL.
(34' W.)

110

MATCHLINE STA. 109+60.00

EX. ROW

RTE. AB ℄

EX. SLOPE LINES

S88°47'23"E

POT STA 113+25.48

S89°54'43"

VERIZON (DND)

AMEREN POWER (DND)

115

MATCHLINE STA. 115+00.00

EX. ROW

6' SIDEWALK
EX. SIDEWALK (R)

WATER LINE (DND)

EX. POWER POLE(DND)

6' SIDEWALK
TRANS. TO EX.
SIDEWALK WIDTH
EX. SIDEWALK (R)

ATT (DND)

EX. TRAIL (UIP)

EX. ROW

EX. ROW

ROYALWAY DEVELOPMENT CO
12650 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/21/2024 1:08:58 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/20/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

KOENEMANN BARRY D
DEBORAH A TRS
102 LADUE PINE WOODS PL,
ST. LOUIS, MO, 63141
NO AQUISITION

WEDNESDAY CLUBST LOUIS
12589 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

SHIELER A TERRY TRUSTEE
104 LADUE WOODS ESTATES DR,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE WOODS ESTATES
(VARIABLE WIDTH)

120

MATCHLINE STA. 115+00.00

MATCHLINE STA. 120+40.00

EX. ROW

RTE. AB ℄

S89°54'43"E

EX. ROW

EX. ROW

EX. ROW

ROYALWAY DEVELOPMENT CO
12650 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:42:42 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	64

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

SHIELER A TERRY TRUSTEE
104 LADUE WOODS ESTATES DR,
ST. LOUIS, MO, 63141
NO AQUISITION

THOMPSON RANDALL
& SHARON H/W
115 LADUE LAKE DR,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE LAKE DRIVE
(50' WIDE)

KAYEMBE TSHISWAKA
& SURIN H/W
121 LADUE GROVE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

125

EX. ROW

EX. ROW

STA. 120+40.00

STA. 125+80.00

MATCHLINE STA

MATCHLINE STA

S89°54'43"E

OE

P&C

SIGN

WV

X

EX. ROW

EX. ROW

ROYALWAY
DEVELOPMENT CO
12650 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

GUTMANN REVOCABLE
TRUST THE
102 ROYALWAY CT,
ST. LOUIS, MO, 63141
NO AQUISITION

LEANDER JANIS L
108 ROYALWAY CT,
ST. LOUIS, MO, 63141
NO AQUISITION

SHECTER HARRY T &
BARBARA I JOINT
12511 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:42:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	65

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

LILLENBERG NANCY J
HAACK LIVING TRUST
112 LADUE GROVE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

KAYEMBE TSHISWAKA
& SURIN H/W
121 LADUE GROVE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE GROVE LN.
(34' W.)

ST LOUIS LODGENO 9
ORDEROF ELKS
12481 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

TRADITIONAL CNGRGTN
OF CREVE COEUR
12437 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

130

MATCHLINE STA. 125+80.00

MATCHLINE STA. 131+20.00

EX. ROW

RTE. AB ℄

N89°54'43"E

10' WALKWAY EASEMENT
PB 172, PG 6

ROYALGATE DRIVE
(60' W.)

SHECHTER HARRY T
& BARBARA I JOINT
12511 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

RULE JASON
& AMANDA H/W
105 ROYAL GATE DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SMITH MARTHA
& STEPHEN T/E
12467 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

NOBLE MARTHA J
REVOCABLE TRUST THE
12459 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 12:43:00 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	66

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

TRADITIONAL CNGRGTN
OF CREVE COEUR
12437 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

ADEWUNMI JOSEPH S
12425 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

TANPHAICHITR SIRIRAT
12413 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

135

STA. 131+20.00

MATCHLINE STA. 131+20.00

EX. ROW

RTE. AB ℄

S89°54'43"E

OE

P&C/P&C

P&C

EX. ROW

EX. ROW

STA. 136+60.00

MATCHLINE STA. 136+60.00

MCNAMEE RONALD J ETAL
12451 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

BOSCHERT GREGORY S
& AMY E TRUSTEES
12443 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCHACTER LIVING TRUST
12435 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

KRAUS COLMAN H &
MATILDA G H/W
12427 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

NOBLE MARTHA J
REVOCABLE TRUST THE
12459 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:43:20 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	67

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

LAND CORNER TIE #3
Found Stone 61.43' west from the Northeast Corner of Lot 4
of Ambleside Subdivision Recorded in Plat Book 129 Page 24 of the
St. Louis County Records said Stone being N08°03'31"E 744.76' from
Centerline Station 140+00

TANPHAICHITR SIRIRAT
12413 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

IKHLAQ ROSINKI
HUMAIRA & CURT T/E
106 AMBLEDSIDE LN,
ST. LOUIS, MO, 63141
NO AQUISITION

AMBLESIDE LANE

FALAISE DRIVE
(50' W.)

140

EX. ROW

EX. ROW

RTE. AB ℄

POT STA 140+95.40

S89°54'43"E

S89°59'56"E

MATCHLINE STA. 136+60.00

MATCHLINE STA. 142+00.00

EX. ROW

EX. ROW

KRAUS COLMAN H &
MATILDA G H/W
12427 ROYAL MANOR DR,
ST. LOUIS, MO, 63141
NO AQUISITION

FINGERHOOD BEV J
115 ROYAL MANOR CT,
ST. LOUIS, MO, 63141
NO AQUISITION

OJEDA STEPHANIE
& DANILO T/E
110 ROYAL MANOR CT,
ST. LOUIS, MO, 63141
NO AQUISITION

LADUE DOWNS
PLAT 3 TRUSTEES
141 BELLINGTON LN,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:43:27 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	68

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

SCHNEIDER MARVIN
J TRUSTEE
12331 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

PENTECOSTAL CHOUR
LORD JESUSCHRIST
12301 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

145

MATCHLINE STA. 142+00.00

MATCHLINE STA. 147+40.00

EX. ROW

EX. ROW

RTE. AB ℄

S89°59'56"E

EX. ROW

EX. ROW

LADUE DOWNS
PLAT 3 TRUSTEES
141 BELLINGTON LN,
ST. LOUIS, MO, 63141
NO AQUISITION

SILVERSTEIN SAM
TRUSTEE ETAL
121 BELLINGTON LN,
ST. LOUIS, MO, 63141
NO AQUISITION

GOFF JAY W & VAUGHAN
SUZANNE C H/W
111 BELLINGTON LN,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:43:37 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

PENTECOSTAL CHOUR
LORD JESUSCHRIST
12301 LADUE RD,
ST. LOUIS, MO, 63141
NO AQUISITION

FRIEDMAN DAVID P
& PAULA J T/E
103 WORTHINGTON OAKS DR,
ST. LOUIS, MO, 63141
NO AQUISITION

PENTECOSTAL CHOUR
LORD JESUSCHRIST
100 WORTHINGTON OAKS DR,
ST. LOUIS, MO, 63141
NO AQUISITION

WORTHINGTON OAKS DR.
(50' W)

150

MATCHLINE STA. 147+40.00

MATCHLINE STA. 152+80.00

EX. ROW

EX. ROW

EX. ROW

EX. ROW

RTE. AB ℄

S89°59'56"E

CRM

OE

SIGN

BELLINGTON LANE

WOLLENBERG PAMELA F
12359 BOOTHBAY CT,
ST. LOUIS, MO, 63141
NO AQUISITION

LESSER SUZANNE
REVOCABLE TRUST
12353 BOOTHBAY CT,
ST. LOUIS, MO, 63141
NO AQUISITION

WILLIAMS RANDY M
& LESLIE M T/E
12341 BOOTHBAY CT,
ST. LOUIS, MO, 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
05/10/2024 12:43:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	70

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

RIGHT OF WAY PLAN

LEGEND

- NEW CONCRETE SIDEWALK
- ENTRANCE SAWCUT

PENTECOSTAL CHOUR
LORD JESUSCHRIST
100 WORTHINGTON OAKS,
ST. LOUIS, MO., 63141
NO AQUISITION

GEHRING BRADY &
ANN MARIE LANZA T/E
12243 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

FLIER GREGG D ET AL
12237 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

CHEN ZHUI & WANG XIUMEN T/E
145 BELLE MAISON LN,
ST. LOUIS, MO., 63141
NO AQUISITION

155

MATCHLINE STA. 152+80.00

EX. ROW

RTE. AB ℄

N89°59'56"E

OE

EX. ROW

MATCHLINE STA. 158+20.00

EX. ROW

HYD

OE

EX. ROW

19' COMMERCIAL ENTRANCE
CONC. APPROACH @ 3.62%
STA. 157+69

ADAM & ELIZABETH TUCKER T/E
12329 BOOTHBAY CT,
ST. LOUIS, MO., 63141
NO AQUISITION

CONNER S GESSERT & TAYLOR P T/E
12329 BOOTHBAY CT,
ST. LOUIS, MO., 63141
NO AQUISITION

TWINSTRIPING LLC
12218 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:43:56 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	71

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

NAHATA ANKIT ET AL
149 BELLE MAISON LN,
ST. LOUIS, MO., 63141
NO AQUISITION

CHEN ZHUI & WANG XIUMEN T/E
145 BELLE MAISON LN,
ST. LOUIS, MO., 63141
NO AQUISITION

DEVISETTY RAVI ETAL
141 BELLE MAISON LN,
ST. LOUIS, MO., 63141
NO AQUISITION

BELLE MAISON LN
(50' W) PRIVATE

160

LEGEND

- NEW CONCRETE SIDEWALK
- ENTRANCE SAWCUT

MATCHLINE STA. 158+20.00

MATCHLINE STA. 163+60.00

EX. ROW

RTE. AB ℄

S89°59'56"E

EX. ROW

EX. ROW

EX. ROW

20' COMMERCIAL ENTRANCE
CONC. APPROACH @ 0.5%
STA. 158+64

10' COMMERCIAL ENTRANCE
CONC. APPROACH @ 12%
STA. 158+87

28' PRIVATE ENTRANCE
CONC. APPROACH @ 7.85%
STA. 160+81

14' PRIVATE ENTRANCE
CONC. APPROACH @ 1.5%
STA. 162+31

30' ROADWAY ENTRANCE
CONC. APPROACH @ 1.0%
STA. 163+54

TWINSTRIPING LLC
12218 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

SHEARER WARREN RICHARD
REVOCABLE LIV TR
12210 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

MILLMAN
REVOCABLE TRUST
115 LADUE PINES DR,
ST. LOUIS, MO., 63141
NO AQUISITION

SANDEEP BRZEE BUNGALOW LLC
115 LADUE PINES DR,
ST. LOUIS, MO., 63141
NO AQUISITION

CRIPPLE CREEK
LANE

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 12:44:06 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED	
6/5/2024	
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	72
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3633	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

1. STA. 166+14.12, OFFSET: 38.27'LT
2. S78°10'55"E, LENGTH = 11.75'
3. STA. 166+25.62, OFFSET: 35.87' LT
4. S15°00'29"E, LENGTH = 6.08'
5. STA. 166+27.20, OFFSET: 30.00' LT
6. S89°59'56"W, LENGTH = 13.07'
7. STA. 166+14.12, OFFSET: 30.00' LT
8. N00°00'04"W, LENGTH = 8.27'
9. STA. 166+13.00, OFFSET: 39.00' LT
10. S89°59'56"E, LENGTH = 11.78'
11. STA. 166+24.78, OFFSET: 39.00' LT
12. S15°00'29"E, LENGTH = 3.23'
13. S89°59'56"W, LENGTH = 1.12'
14. STA. 166+13.00, OFFST: 30.00' LT
15. N00°01'29"W, LENGTH = 9.00'

(9)

SULTANA AFSHAN TRUST
140 BELLE MAISON LN,
ST. LOUIS, MO., 63141

0.86 ACRES ORIGINAL
86 SF PERM. SIDEWALK ESM'T
31 SF TEMP. CONST. ESM'T
0.86 ACRES REMAINING

1. S78°10'55"E, LENGTH = 13.92'
2. STA. 166+39.25, OFFSET: 33.02' LT
3. N88°20'46"E, LENGTH = 75.52'
4. STA. 167+14.74, OFFSET: 35.19' LT
5. S63°59'42"E, LENGTH = 4.30'
6. STA. 167+18.60, OFFSET: 33.31' LT
7. N90°00'00"E, LENGTH = 58.61'
8. STA. 167+77.22, OFFSET: 33.31' LT
9. S00°17'52"W, LENGTH = 3.31'
10. STA. 167+77.20, OFFSET: 30.00' LT
11. S89°59'56"W, LENGTH = 150.00'
12. N89°59'56"E, LENGTH = 152.46'
13. STA. 167+77.24, OFFSET: 39.00' LT
14. S00°17'52"W, LENGTH = 5.69'

CARE & COUNSELING INC.
12141 LADUE RD,
ST. LOUIS, MO., 63141

(10)

2.53 ACRES ORIGINAL
576 SF PERM. SIDEWALK ESM'T
785 SF TEMP. CONST. ESM'T
2.53 ACRES REMAINING

POINTS 4-6, AND 9-12 (SEE NEXT SHEET)
1. N90°00'00"E, LENGTH = 91.86'
2. STA. 168+69.01, OFFSET: 33.48' LT
3. S81°52'50"W, LENGTH = 34.61'
7. S89°53'33"E, LENGTH = 128.19'
8. S89°53'33"E, LENGTH = 128.60'

(11)

PARKWAY SCHOOL DISTRICT
181 COEUR DE VILLE DR,
ST. LOUIS, MO., 63141

26.87 ACRES ORIGINAL
545 SF PERM. SIDEWALK ESM'T
1783 SF TEMP. CONST. ESM'T
26.87 ACRES REMAINING

STA. 163+60.00

MATCHLINE STA. 163+60.00

EX. ROW

RTE. AB ℄

S89°59'56"E

165

VAR. WIDTH T.C.E.

VAR. WIDTH P.S.E.

EX. TREE (DND)

5'X5' LEVEL LANDING PAD

SIDEWALK HANDRAILING

5' SIDEWALK EX. SIDEWALK (R)

VAR. WIDTH T.C.E.

VAR. WIDTH P.S.E.

5' SIDEWALK EX. SIDE-WALK (R)

5'X5' LEVEL LANDING PAD

EX. WATER VALVE(DND)

SMALL RADIUS PERP. ADA CURB RAMP

SW ELEV. TRANS. (-8.33%)

24' COMMERCIAL ENTRANCE CONC. APPROACH @ 4.89% STA. 167+53

SMALL RADIUS PERP. ADA CURB RAMP

POT STA. 167+77.84

S89°59'56"E

EX. PIPE (UIP)

SMALL RADIUS PERP. ADA CURB RAMP

EX. TREES (DND)

5'X5' LEVEL LANDING PAD

EX. TREES (DND)

VAR. WIDTH T.C.E.

5'X5' LEVEL LANDING PAD

EX. TREES (DND)

EX. ROW

5' SIDEWALK EX. SIDEWALK (R)

EX. SLOPE LINES

S89°53'31"E

VAR. WIDTH P.S.E.

SIDEWALK HANDRAILING

SW ELEV. TRANS. (-7.90%)

STA. 169+00.00

MATCHLINE STA. 169+00.00

EX. ROW

EX. ROW

EX. ROW

25' PRIVATE ENTRANCE CONC. APPROACH @ 1.0% STA. 166+56

15' PRIVATE ENTRANCE CONC. APPROACH @ 1.27% STA. 167+50

12' PRIVATE ENTRANCE CONC. APPROACH @ 0.68% STA. 167+86

LADUE PINES DR

WEIL PAUL P BARBARA A
110 LADUE PINES DR,
ST. LOUIS, MO., 63141
NO AQUISITION

GINDHART JOSEPH M & KIM M T/E
12130 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

CONRAD JOSHUA L & SHARP SCOTT T/E
12114 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

LEGEND

- NEW CONCRETE SIDEWALK
- NEW CONCRETE ENTRACNE
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:47:23 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	73

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

LEGEND

- NEW CONCRETE SIDEWALK
- NEW CONCRETE ENTRACNE
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

POINTS 1-3 AND 7-8 (SEE PREV. SHEET)
4. STA. 169+03.26, OFFSET: 38.43' LT
5. S13°40'51"E, LENGTH = 8.68'
6. STA. 169+05.33, OFFSET: 30.00' LT
9. STA. 169+05.77, OFFSET: 39.00' LT
10. S00°06'29"W, LENGTH = 9.00'
11. STA. 169+05.77, OFFSET: 30.00' LT
12. S89°53'33"E, LENGTH = 0.44'

13. STA. 173+16.46, OFFSET: 48.80' LT
14. S89°55'38"E, LENGTH = 2.80'
15. STA. 173+19.26, OFFSET: 48.80' LT
16. N00°06'13"E, LENGTH = 7.63'
17. STA. 173+19.26, OFFSET: 41.18' LT
18. S89°53'31"E, LENGTH = 2.79'
19. STA. 173+16.47, OFFSET: 41.18' LT
20. N00°00'00"E, LENGTH = 7.62'
21. STA. 173+15.02, OFFSET: 51.00' LT
22. S89°53'31"E, LENGTH = 4.24'
23. STA. 173+19.26, OFFSET: 51.00' LT
24. N00°07'27"E, LENGTH = 2.20'
25. N00°06'29"E, LENGTH = 3.18'
26. STA. 173+19.26, OFFSET: 38.00' LT
27. S89°53'24"E, LENGTH = 4.23'
28. STA. 173+15.03, OFFSET: 38.00' LT
29. N00°04'22"W, L = 13.00'

POINTS 35-37 (SEE NEXT SHEET)
30. S89°53'31"E, LENGTH = 84.06'
31. STA. 173+85.20, OFFSET: 60.00' LT
32. N00°06'29"E, LENGTH = 12.00'
33. STA. 173+85.20, OFFSET: 72.00' LT
34. S89°53'51"E, LENGTH = 101.94'

PARKWAY SCHOOL DISTRICT
181 COEUR DE VILLE DR,
ST. LOUIS, MO., 63141

(11)

26.87 ACRES ORIGINAL
545 SF PERM. SIDEWALK ESM'T
1783 SF TEMP. CONST. ESM'T
26.87 ACRES REMAINING

MATCHLINE STA. 169+00.00

MATCHLINE STA. 174+40.00

170

VAR. WIDTH P.S.E.
VAR. WIDTH T.C.E.
EX. ROW
EX. TRAIL (UIP)
EX. DRAINAGE PIPE(UIP)
RTE. AB ℄
SIGN
6' SIDEWALK
EX. SIDEWALK (R)
S89°53'31"E
MANHOLE (R&REL.)
LARGE RADIUS PERP. ADA CURB RAMP
MAILBOX (DND)
TYPE S CURB ROLLED CURB (R)
AMEREN PP (DND)
ENTRANCE SAWCUT FOR ADA
VARIABLE HEIGHT CURB
SMALL RADIUS PERP. ADA CURB RAMP
14' T.C.E.
EX. SLOPE LINES
VARIABLE HEIGHT CURB EX. WALL (R)
EX. RETAINING WALL (UIP)
SW ELEV. TRANS. (-8.33%)
EX. SLOPE LINES
SIDEWALK HANDRAILING
5.66'X5' LEVEL LANDING PAD
MAILBOX (REL.)
2' T.C.E.

16' PRIVATE ENTRANCE CONC. APPROACH @ 5.01% STA. 169+63
11' PRIVATE ENTRANCE CONC. APPROACH @ 19.64% STA. 170+77
21' PRIVATE ENTRANCE CONC. APPROACH @ 11.78% STA. 171+13
12' PRIVATE ENTRANCE CONC. APPROACH @ 14.12% STA. 172+73
17' PRIVATE ENTRANCE CONC. APPROACH @ 7.91% STA. 174+34

CONRAD JOSHUA L
& SHARP SCOTT T/E
12114 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

1.02 ACRES ORIGINAL
235 SF TEMP. CONST. ESM'T
1.02 ACRES REMAINING

(12)

HANON STEPHEN & LYNN T/E
12106 LADUE RD,
ST. LOUIS, MO., 63141

1. STA. 170+69.34, OFFSET: 30.00' RT
2. S89°53'31"E, LENGTH = 16.80'
3. STA. 170+86.13, OFFSET: 30.00' RT
4. N00°00'00"E, LENGTH = 14.00'
5. STA. 170+86.16, OFFSET: 44.00' RT
6. S89°53'31"E, LENGTH = 16.80'
7. STA. 170+69.36, OFFSET: 44.00' RT
8. S00°00'00"W, LENGTH = 14.00'

1.02 ACRES ORIGINAL
28 SF PERM. SIDEWALK ESM'T
79 SF TEMP. CONST. ESM'T
1.02 ACRES REMAINING

(13)

WATTS WILLIAM L
12082 LADUE RD,
ST. LOUIS, MO., 63141

1. STA. 172+21.95, OFFSET: 30.00' RT
2. S89°53'31"E, LENGTH = 24.85'
3. STA. 172+46.80, OFFSET: 30.00' RT
4. S00°06'29"W, LENGTH = 2.68'
5. STA. 172+46.80, OFFSET: 32.68' RT
6. S86°41'58"E, LENGTH = 2.81'
7. STA. 172+44.00, OFFSET: 32.53' RT
8. S80°15'33"E, LENGTH = 11.17'
9. STA. 172+32.99, OFFSET: 30.66' RT
10. S86°28'35"E, LENGTH = 11.05'
11. S00°06'29"W, LENGTH = 1.32'
12. STA. 172+46.80, OFFSET: 34.00' RT
13. S89°53'31"E, LENGTH = 26.85'
14. STA. 172+19.96, OFFSET: 34.00' RT
15. S00°00'41"W, LENGTH = 4.00'
16. STA. 172+19.96, OFFSET: 30.00' RT
17. S89°53'31"E, LENGTH = 2.00'

LADUE RD LLC
12074 LADUE RD,
ST. LOUIS, MO., 63141

0.91 ACRES ORIGINAL
42 SF TEMP. CONST. ESM'T
0.91 ACRES REMAINING

(14)

SELVASEKARAN
JANARDHANAM
& DHANDAPANI
12068 LADUE RD,
ST. LOUIS, MO., 63141

POINTS 6-8 (SEE NEXT SHEET)
1. S89°53'31"E, LENGTH = 20.66'
2. STA. 174+24.23, OFFSET: 62.00' RT
3. N00°06'29"E, LENGTH = 2.00'
4. STA. 174+24.23, OFFSET: 60.00' RT
5. S89°53'31"E, LENGTH = 20.66'

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:47:31 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	74

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

LAND CORNER TIE *4
Found Iron Pipe LS-293D at the Southeast Corner of Lot 29 of Beacon Hill Subdivision Recorded in Plat Book 50 Page 39 of the St. Louis County Records said Iron Pipe being S43°08'41"W 443.57' from Centerline Station 177+00

MATCHLINE SHEET 78

EX. ROW

POINTS 30-34 (SEE PREV. SHEET)
35. STA. 174+87.14, OFFSET: 72.00' LT
36. N56°14'15"E, LENGTH = 21.53'
37. STA. 174+69.26, OFFSET: 60.00' LT

(11)

PARKWAY SCHOOL DISTRICT
181 COEUR DE VILLE DR,
ST. LOUIS, MO., 63141

COEUR DE VILLE DR.

I-270 SB OFF-RAMP

VAR. WIDTH T.C.E.

SW ELEV. TRANS. (-8.33%)

EX. SLOPE LINES

WATER LINE (DND)

GAS (DND)

EX. ROW

175

5.66'X5' LEVEL LANDING PAD

5.66'X5' LEVEL LANDING PAD

MATCHLINE STA. 174+40.00

RTE. AB ℄

S89°53'31"E

MATCHLINE STA. 179+80.00

ENTRANCE INFO ON PREV. SHEET

TYPE S CURB ROLLED CURB (R)

6' SIDEWALK EX. SIDEWALK (R)

EX. ROW

LARGE RADIUS PERP. ADA CURB RAMP

2' T.C.E.

EX. SLOPE LINES

0.91 ACRES ORIGINAL
42 SF TEMP. CONST. ESM'T
0.91 ACRES REMAINING

(14)

SELVASEKARAN
JANARDHANAM &
DHANDAPANI
12068 LADUE RD,
ST. LOUIS, MO., 63141

POINTS 1-5 (SEE PREV. SHEET)
6. STA. 174+44.90, OFFSET: 60.00' RT
7. N00°06'29"E, LENGTH = 2.00'
8. STA. 174+44.90, OFFSET: 62.00' RT

BEACON HILL LN.

CITY OF CREVE COEUR
12066 LADUE RD,
ST. LOUIS, MO., 63141
NO AQUISITION

EX. ROW

℄

I-270 SB ON-RAMP

MATCHLINE SHEET 79

SCALE
0 20 40 60

LEGEND

- NEW CONCRETE SIDEWALK
- NEW CONCRETE ENTRACNE
- PERMANENT EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
05/10/2024 12:47:42 PM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	75

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

RIGHT OF WAY PLAN

MATCHLINE SHEET 78

I-270 NB ON-RAMP

180

185

355

MATCHLINE STA. 179+80.00

MATCHLINE STA. 185+20.00

RTE. AB ℄

S89°53'31"E

I-270 ℄

PC STA 356+56.12

I-270 NB OFF-RAMP

EX. ROW

EX. ROW

OWNERSHIP UNDETERMINABLE

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

08/10/2024 12:47:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	76

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

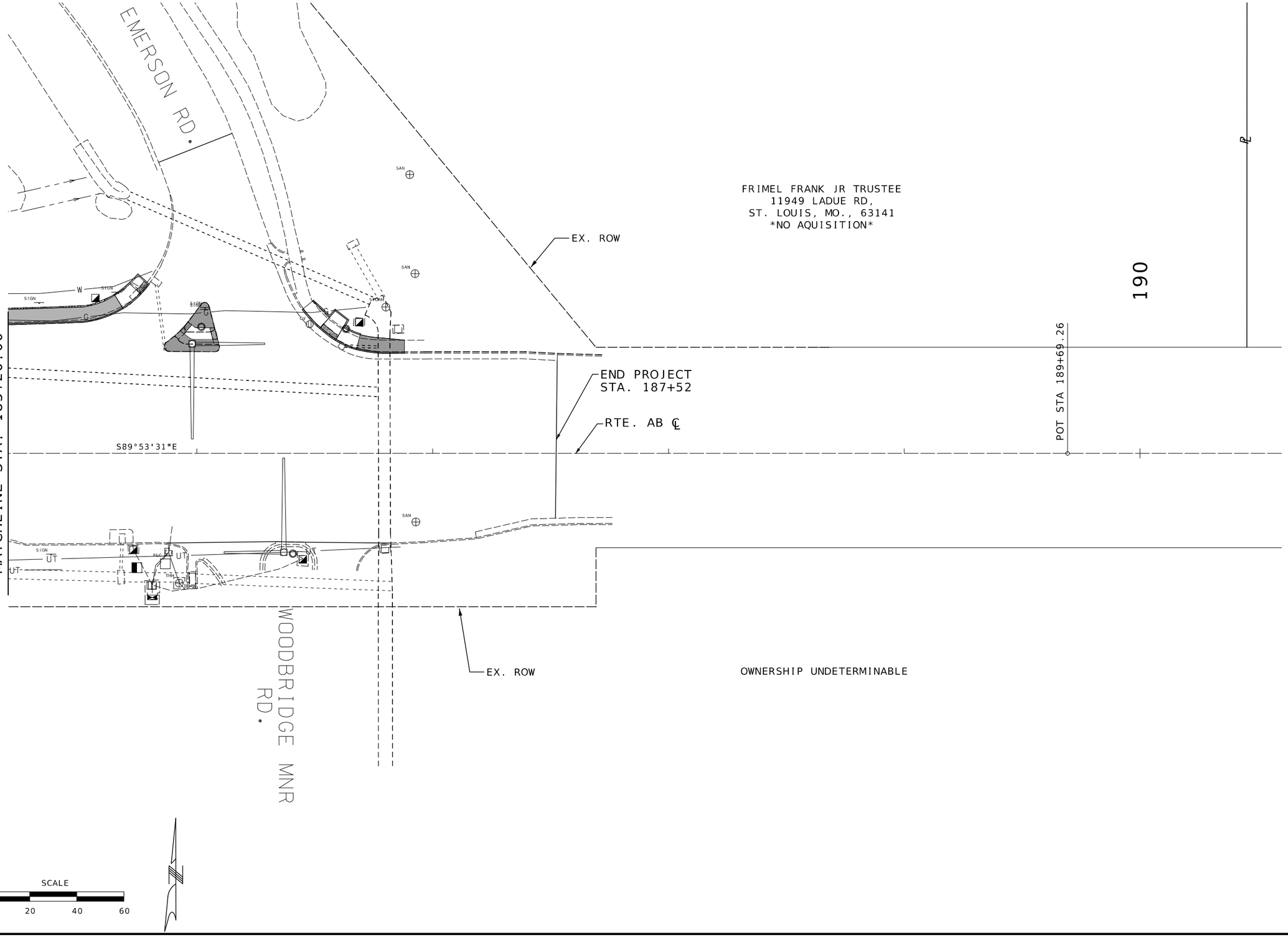
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 12:48:01 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	77

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

350

STA. 350+64.73 I-270 ℄
END MAINLINE PAVING

I-270 ℄

STA. 351+16.52 I-270 ℄
END MAINLINE PAVING

I-270 SB
OFF-RAMP

I-270 NB
ON-RAMP

MATCHLINE SHEET 75

MATCHLINE SHEET 76

SCALE
0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:48:11 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	78

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

MATCHLINE SHEET 75

I-270 SB
ON-RAMP

PC STA 356+56.12

I-270 NB
OFF-RAMP

I-270 ℄

EX. ROW

STA. 358+50.26 I-270 ℄
END MAINLINE PAVING

OWNERSHIP
UNDETERMINABLE

EX. ROW

EX. ROW

BLEDSOE KARLOS D &
SAMANTHA H/W TRUSTEES
6 BEACON HILL LN,
ST. LOUIS, MO, 63141
NO AQUISITION

EX. ROW

SCALE
0 20 40 60

360

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:48:23 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	79

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RIGHT OF WAY PLAN

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart M McN

06/10/2024 10:46:46 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	80

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REFERENCE POINTS

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 (GROUND)
HORIZONTAL DATUM	NAD 83 (2011) EPOCH 2010.0
VERTICAL DATUM	NAVD 1988; GNSS DERIVED
GEOID MODEL	Geoid18 (Conus)
ELEVATIONS DETERMINED BY	GNSS Observations
PROJECT PROJECTION FACTOR	1.00008780

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MISSOURI COORD. SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT SEILER TREECOURT CORS ARP
CORS_ID	MOSI
PID	DL3650
LATITUDE	38°33'44.23061" N
LONGITUDE	90°27'40.90237" W
NORTHING (M)	302843.5680
EASTING (M)	253367.3910
ZONE	EAST
PROJECT AVERAGE GRID FACTOR	0.99991220

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N 1027709.437 X 0.999122 = N 1027618.212
E 826027.084 X 0.9999122 -= E 825954.565

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
21	90+25.47	AB	49.08' LT	1027709.437	826027.084	534.59	CP #1 - MAG NAIL IN CONC ISLAND	
		MASON		1028385.687	825648.481	543.24	CP #2 - MAG NAIL IN CONC SIDEWALK	
37	176+59.05	AB	57.71' LT	1027672.149	834659.223	534.59	CP #3 - MAG NAIL IN CONC SIDEWALK	
38	184+34.03	AB	55.21' LT	1027668.181	835434.194	599.62	CP #4 - MAG NAIL IN CONC SIDEWALK	
22	95+24.58	AB	31.59' LT	1027681.407	826525.713	512.20	CP #5 - 5/8" IRON ROD W/CAP STAMPED "MODOT"	
23	100+19.21	AB	41.78' RT	1027597.612	827018.690	497.46	CP #6 - MAG NAIL IN CONC SIDEWALK	
24	105+14.18	AB	20.88' RT	1027608.053	827513.990	492.72	CP #7 - MAG NAIL IN CONC SIDEWALK	
25	110+12.44	AB	19.85' LT	1027638.251	828012.996	494.98	CP #8 - 5/8" IRON ROD W/CAP STAMPED "MODOT"	
26	115+08.97	AB	35.32' RT	1027576.755	828509.096	496.94	CP #9 - MAG NAIL IN ASPHALT SIDEWALK	
26	120+08.84	AB	32.77' RT	1027580.070	829008.957	508.00	CP #10 - MAG NAIL IN ASPHALT SIDEWALK	
27	125+08.75	AB	31.73' RT	1027581.879	829508.866	514.56	CP #11 - MAG NAIL IN ASPHALT SIDEWALK	
28	130+05.81	AB	22.93' LT	1027637.300	830005.844	516.14	CP #12 - 5/8" IR W/CAP STAMPED "MODOT"	
29	135+02.64	AB	31.41' RT	1027583.722	830502.753	530.66	CP #13 - MAG NAIL IN ASPHALT SIDEWALK	
30	140+02.39	AB	32.28' RT	1027583.623	831002.501	545.09	CP #14 - MAG NAIL IN ASPHALT SIDEWALK	
31	145+01.85	AB	41.54' RT	1027574.519	831501.912	568.27	CP #15 - MAG NAIL IN ASPHALT SIDEWALK	
32	150+00.60	AB	41.79' RT	1027574.273	832000.670	602.13	CP #16 - MAG NAIL IN ASPHALT SIDEWALK	
33	154+99.38	AB	41.95' RT	1027574.124	832499.444	637.37	CP #17 - MAG NAIL IN ASPHALT SIDEWALK	
34	159+91.67	AB	40.77' LT	1027656.855	832991.738	666.66	CP #18 - MAG NAIL IN CONC SIDEWALK	
35	164+88.37	AB	16.61' RT	1027599.485	833488.439	668.08	CP #19 - MAG NAIL IN CONC SIDEWALK	
36	170+54.39	AB	18.07' RT	1027597.504	834054.418	640.22	CP #20 - MAG NAIL IN CONC SIDEWALK	
37	176+59.09	AB	57.71' LT	1027701.619	822455.718	555.79	CP #50 - 5/8" IR W/CAP STAMPED "MODOT"	
13	48+83.44	AB	26.46' RT	1027812.404	821891.951	530.53	CP #51 - 5/8" IR W/CAP STAMPED "MODOT"	
20	85+94.32	AB	43.32' LT	1027712.787	825595.914	548.16	CP #52 - MAG NAIL IN CONC SIDEWALK	
19	80+47.05	AB	22.61' LT	1027703.639	825048.329	533.26	CP #53 - 5/8" IR W/CAP STAMPED "MODOT"	
18	75+46.94	AB	19.46' LT	1027711.058	824548.262	504.05	CP #54 - 5/8" IR W/CAP STAMPED "MODOT"	
17	70+46.94	AB	23.72' LT	1027725.874	824048.469	498.33	CP #55 - 5/8" IR W/CAP STAMPED "MODOT"	
17	66+81.93	AB	20.82' RT	1027689.052	823682.592	514.06	CP #56 - MAG NAIL IN ASPHALT	
16	62+74.64	AB	20.58' LT	1027739.042	823276.266	528.57	CP #57 - 5/8" IR W/CAP STAMPED "MODOT"	
15	58+42.06	AB	33.26' LT	1027757.332	822843.412	551.69	CP #58 - 5/8" IR W/CAP STAMPED "MODOT"	
ALIGNMENTS								
4	6+90.00	AB		1029680.368	818244.297		BEG. PROJECT	
4	7+93.02	AB		1029627.795	818332.822		PRC	
4	11+83.05	AB		1029454.706	818681.032		S.O.R. CONNECT	
4	12+31.87	AB		1029439.817	818727.517		N.O.R. CONNECT	
7	14+48.74	AB		1029392.878	818938.043		WOODS MILL RD	
7	17+00.35	AB		1029357.589	819188.163		ROUTE 141	
7	14+52.93	AB		1029392.284	818943.191		PT	
8	22+87.04	AB		1029275.317	819769.059		PC	
9	27+15.95	AB		1029127.314	820168.126		PT	
14	52+39.17	AB		1027726.017	822240.417		PT	
15	60+39.39	AB		1027723.439	823040.638		POT	
21	89+97.24	AB		1027660.966	825997.828		NORTH MASON RD	
21	90+12.83	AB		1027660.636	826013.415		SOUTH MASON RD	
25	113+25.48	AB		1027611.791	828325.545		POT	
30	140+95.40	AB		1027616.048	831095.463		POT	
35	167+77.84	AB		1027616.100	833777.910		POT	
38	180+86.76	AB		1027613.629	835086.824		I-270	
39	187+52.00	AB		1027612.373	835752.062		END PROJECT	

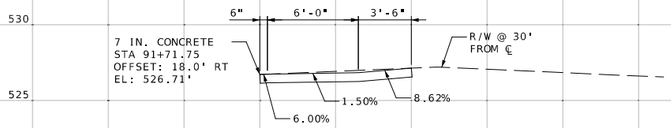
STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08:10:2024 10:46:55 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/4/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 81
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

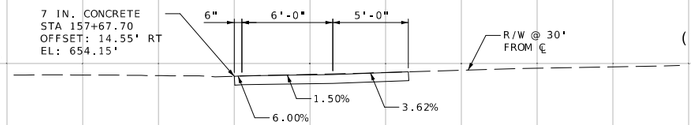
DESCRIPTION | DATE

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

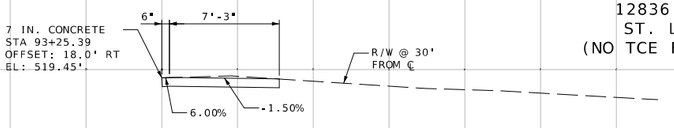
COORDINATE POINTS



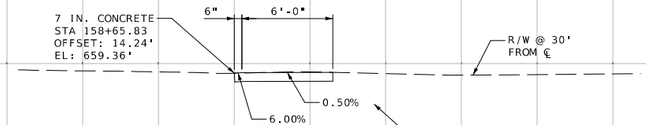
12848 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)

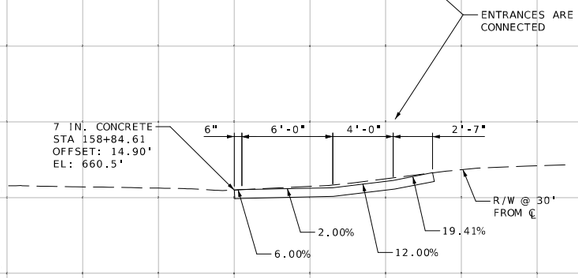


12218 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)

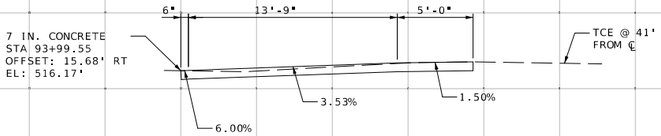


12836 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)



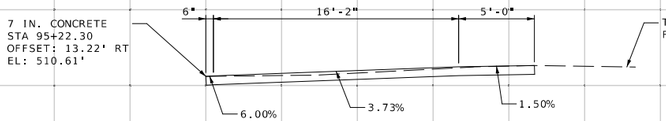


12218 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)

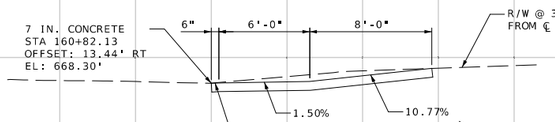


12824 LADUE RD.
ST. LOUIS, MO
(TCE ACQUIRED FOR ENTRANCE)

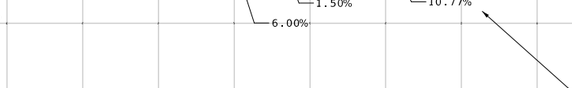
12218 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)

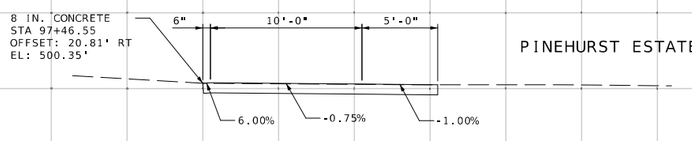


12824 LADUE RD.
ST. LOUIS, MO
(TCE ACQUIRED FOR ENTRANCE)

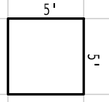


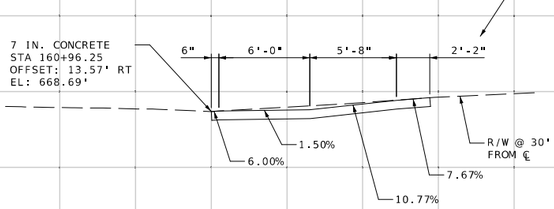
12210 LADUE RD.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)





PINEHURST ESTATES DR.





115 LADUE PINES DR.
ST. LOUIS, MO
(NO TCE FOR ENTRANCE)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:08:57 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	82

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

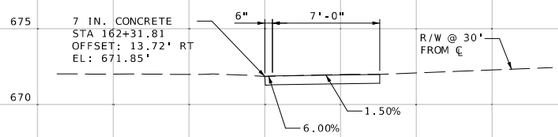
BRIDGE NO.

DESCRIPTION	DATE

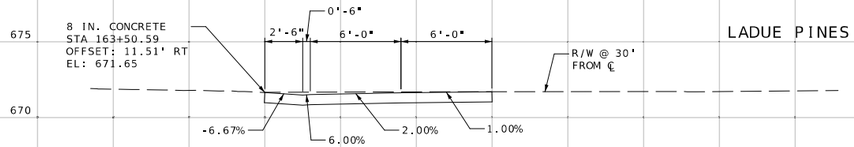
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
ENTRANCE PROFILES

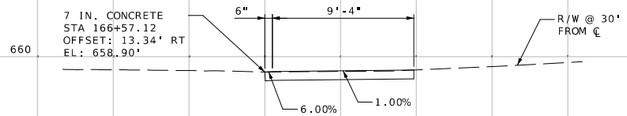


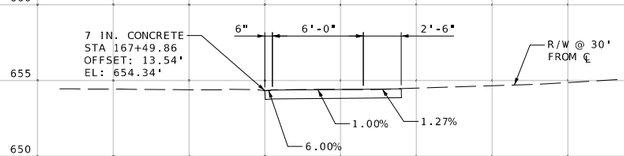
115 LADUE PINES DR.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)



LADUE PINES DR.

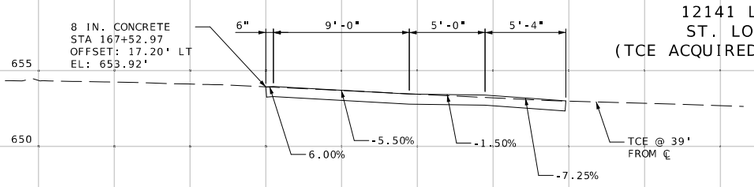
12130 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)



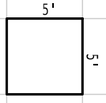


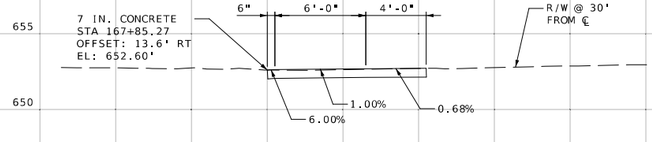
12130 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)

CONNECTED TO ENTRANCE
AT 12114 LADUE RD.



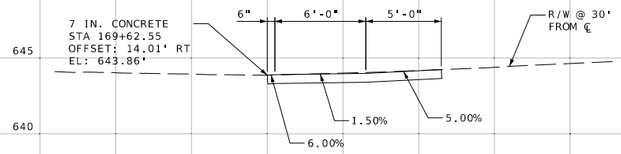
12141 LADUE RD.
ST. LOUIS, MO.
(TCE ACQUIRED FOR ENTRANCE)





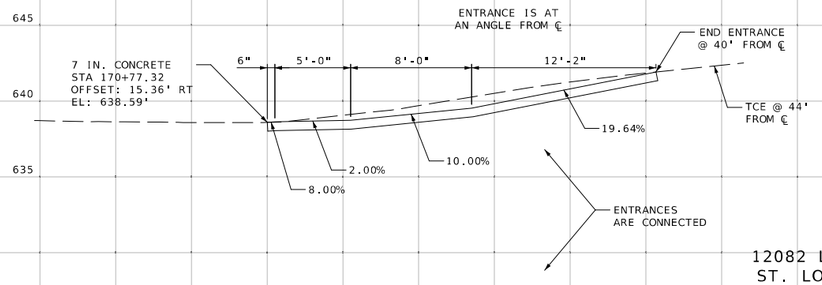
12114 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)

CONNECTED TO ENTRANCE
AT 12130 LADUE RD.

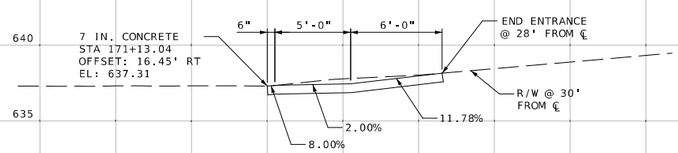


12106 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)

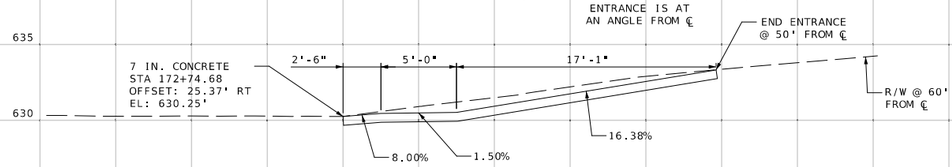
12106 LADUE RD.
ST. LOUIS, MO.
(TCE ACQUIRED FOR ENTRANCE)



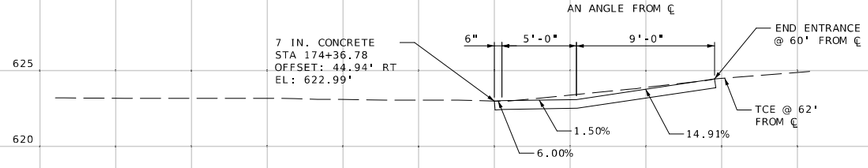
12082 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)



12074 LADUE RD.
ST. LOUIS, MO.
(NO TCE FOR ENTRANCE)



12068 LADUE RD.
ST. LOUIS, MO.
(TCE ACQUIRED FOR ENTRANCE)



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:09:10 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	83

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

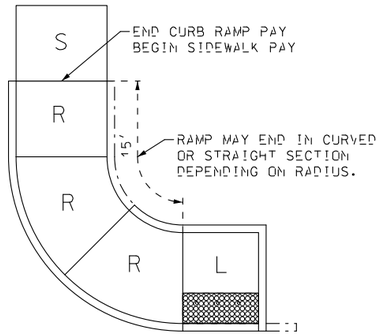
BRIDGE NO.

DATE	DESCRIPTION

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

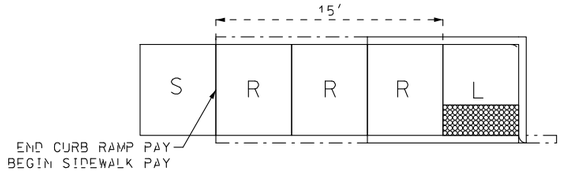
SPECIAL SHEET
ENTRANCE PROFILES

PEDESTRIAN CURB RAMP PAY LIMITS

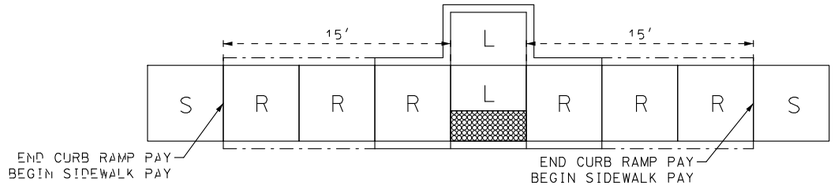


TYPE 1 PARALLEL

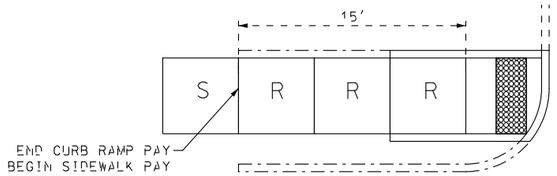
THE LENTH OF THIS RAMP SHALL BE MEASURED
ON THE INSIDE/SHORT SIDE OF THE CURVE



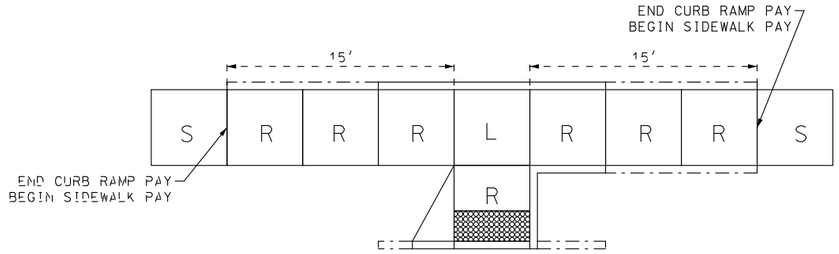
TYPE 2 PARALLEL



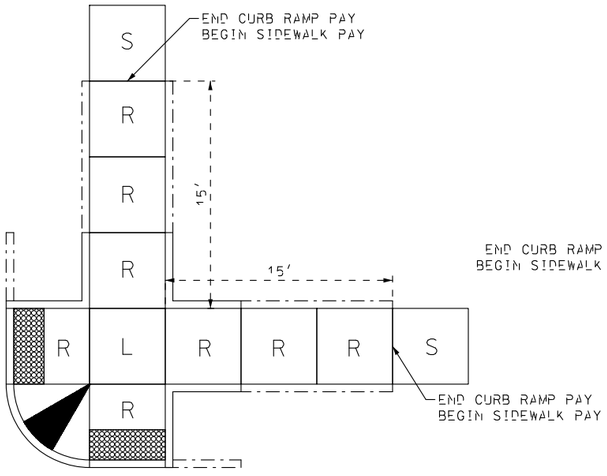
TYPE 3 PARALLEL



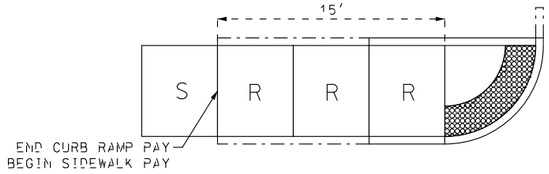
SMALL RADIUS PERPENDICULAR



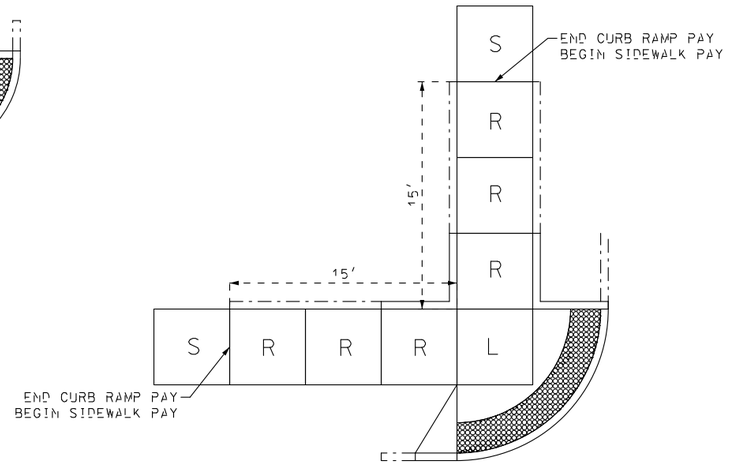
COMPOUND PERPENDICULAR



DUAL PERPENDICULAR
PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH

Notes –
15 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L – LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS.
R – PAY AS RAMP
S – PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENTIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

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
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:09:20 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/4/2024

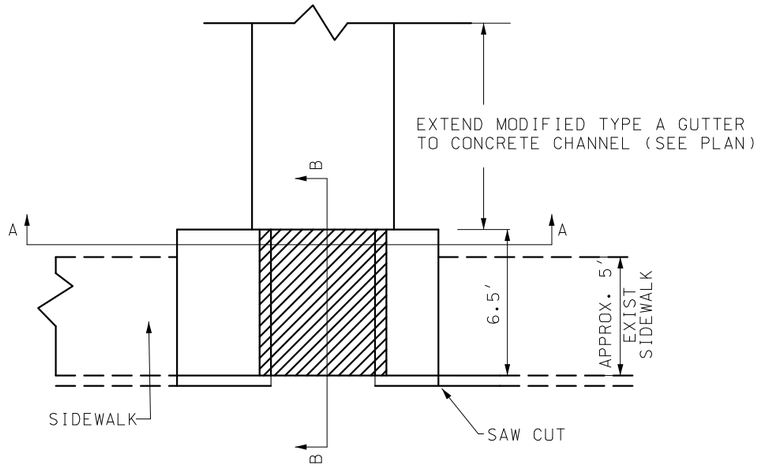
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	84

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

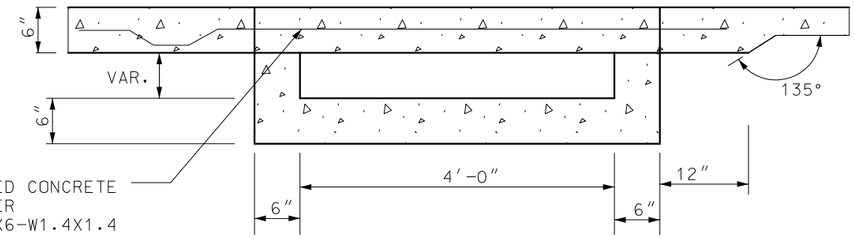
DESCRIPTION	DATE

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

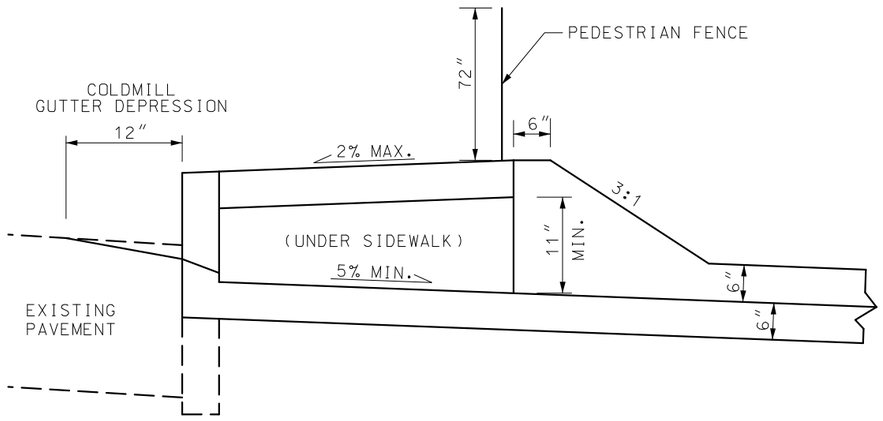
SPECIAL SHEET
ADA CURB RAMP
PAY LIMITS



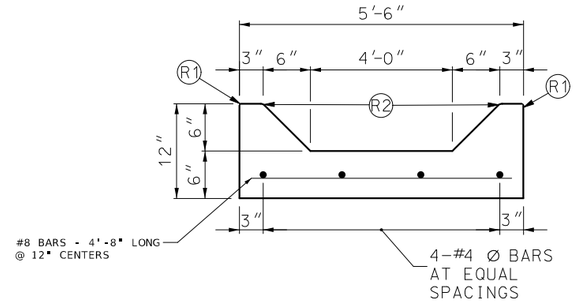
PLAN
(SIDEWALK AT BACK OF CURB)



SECTION A-A



SECTION B-B



MODIFIED TYPE A GUTTER

LEGEND

(R1) ROUND TO $\frac{1}{4}$" RADIUS. (EXCEPT FOR SAWED JOINTS)
(R2) ROUND TO $\frac{3}{4}$" RADIUS.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:09:29 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/4/2024

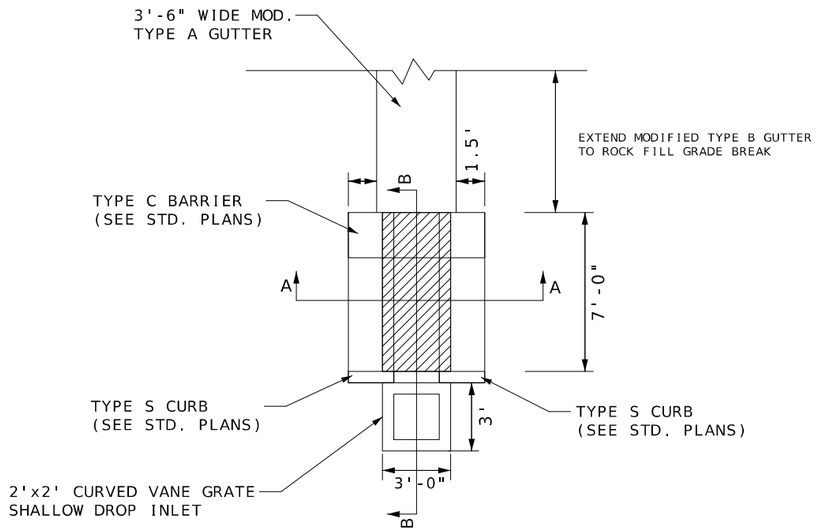
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	85

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

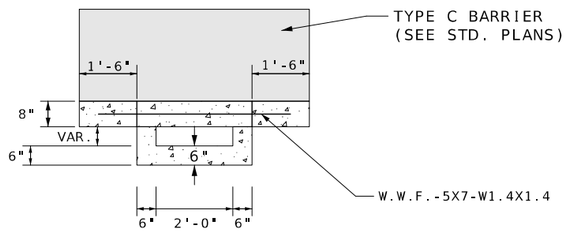
DESCRIPTION | DATE

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

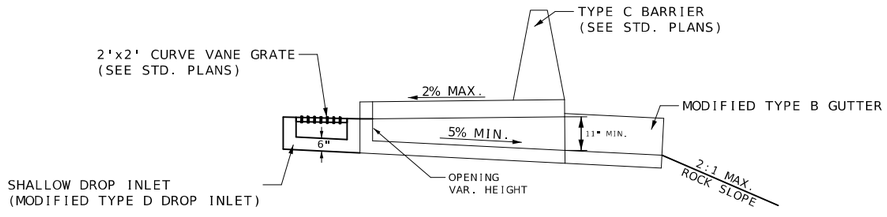
SPECIAL SHEET
6.5 FT x 7 FT
DRAINAGE FLUME



FLUME PLAN
(SIDEWALK AT BACK OF CURB)

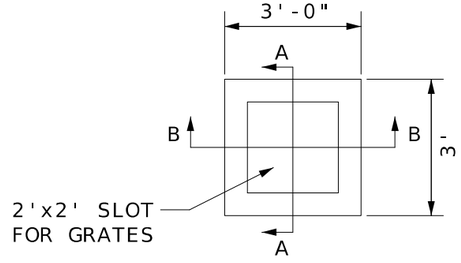


FLUME SECTION A-A

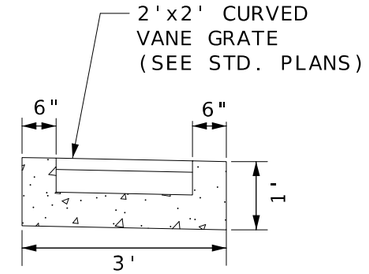


FLUME SECTION B-B

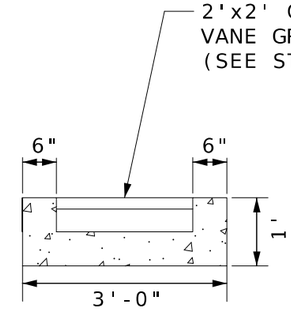
SHALLOW DROP INLET



PLAN

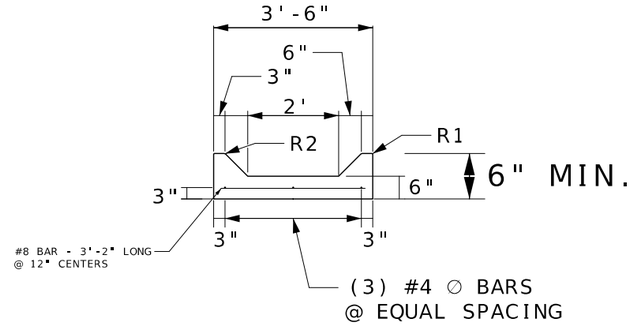


SECTION A-A



SECTION B-B

R1 = ¼" RADIUS
R2 = ¾" RADIUS



MODIFIED TYPE B GUTTER

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:09:39 AM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	86

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

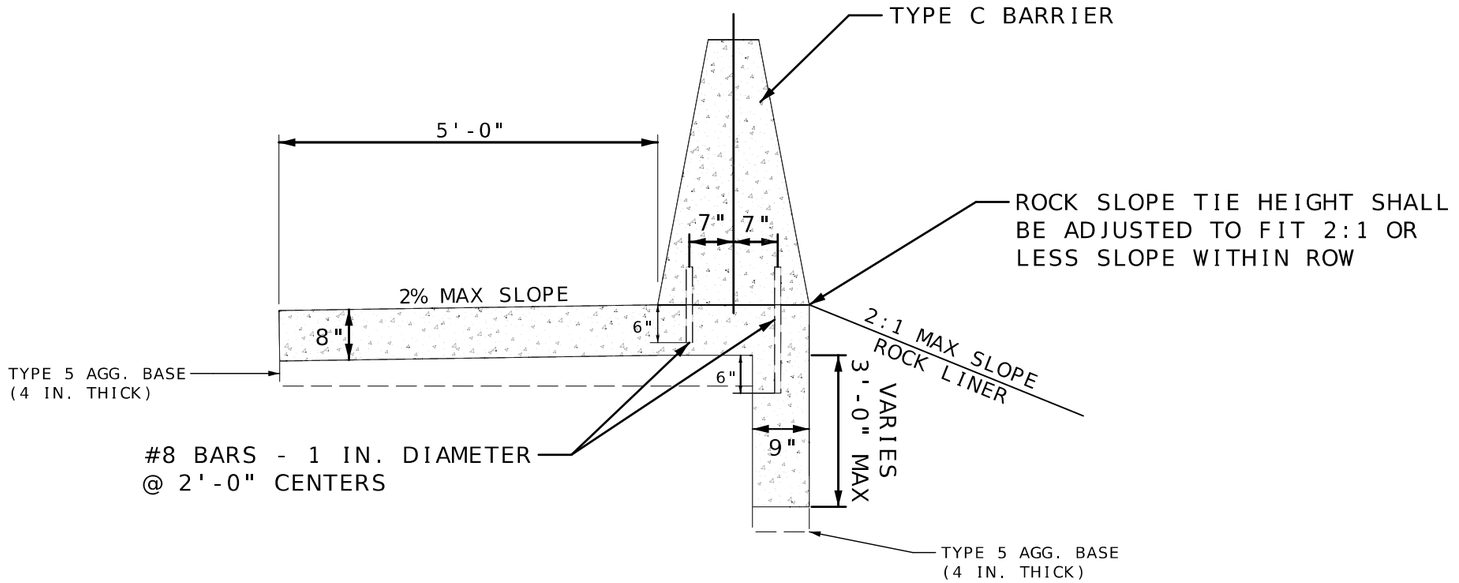
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
7 FT x 7 FT
DRAINAGE FLUME



MONOLITHIC SIDEWALK WITH DEPTH KEY

GENERAL NOTES:
SEE JSP FOR "MONOLITHIC SIDEWALK WITH DEPTH KEY" FOR DETAILS AND PAY ITEMS.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:09:51 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	87

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

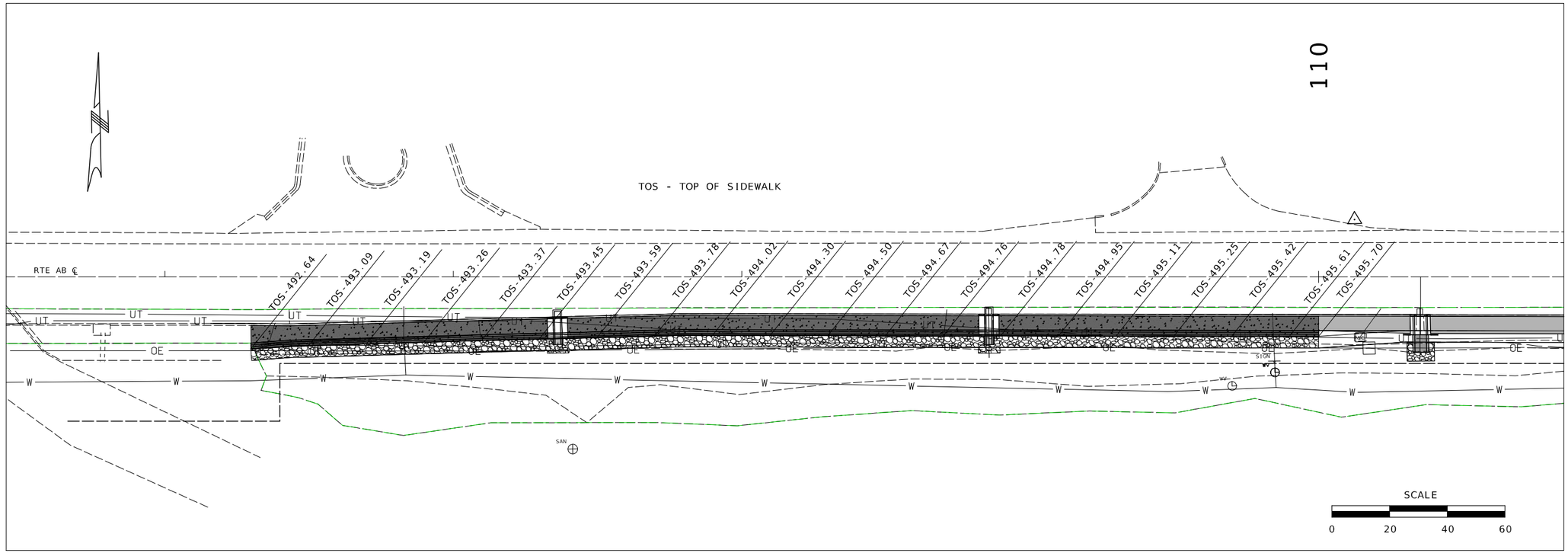
PROJECT NO.

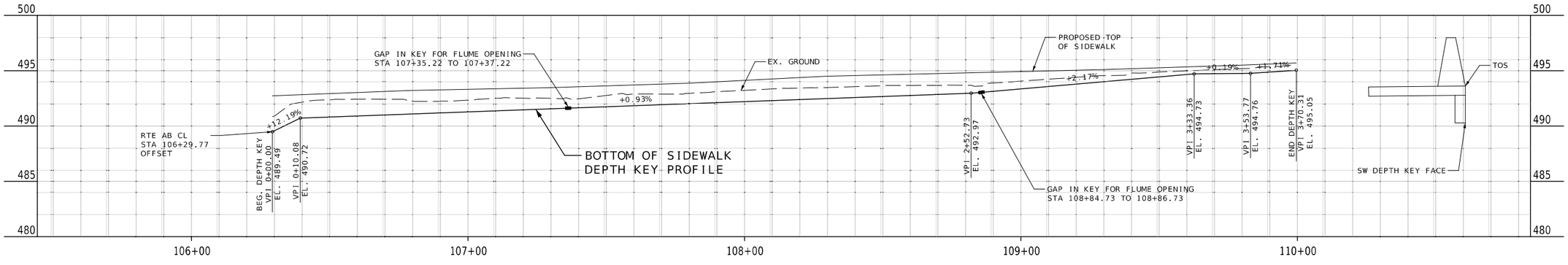
BRIDGE NO.

DESCRIPTION	DATE

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

SPECIAL SHEET
MONOLITHIC SIDEWALK
WITH DEPTH KEY





STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:10:08 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	88

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

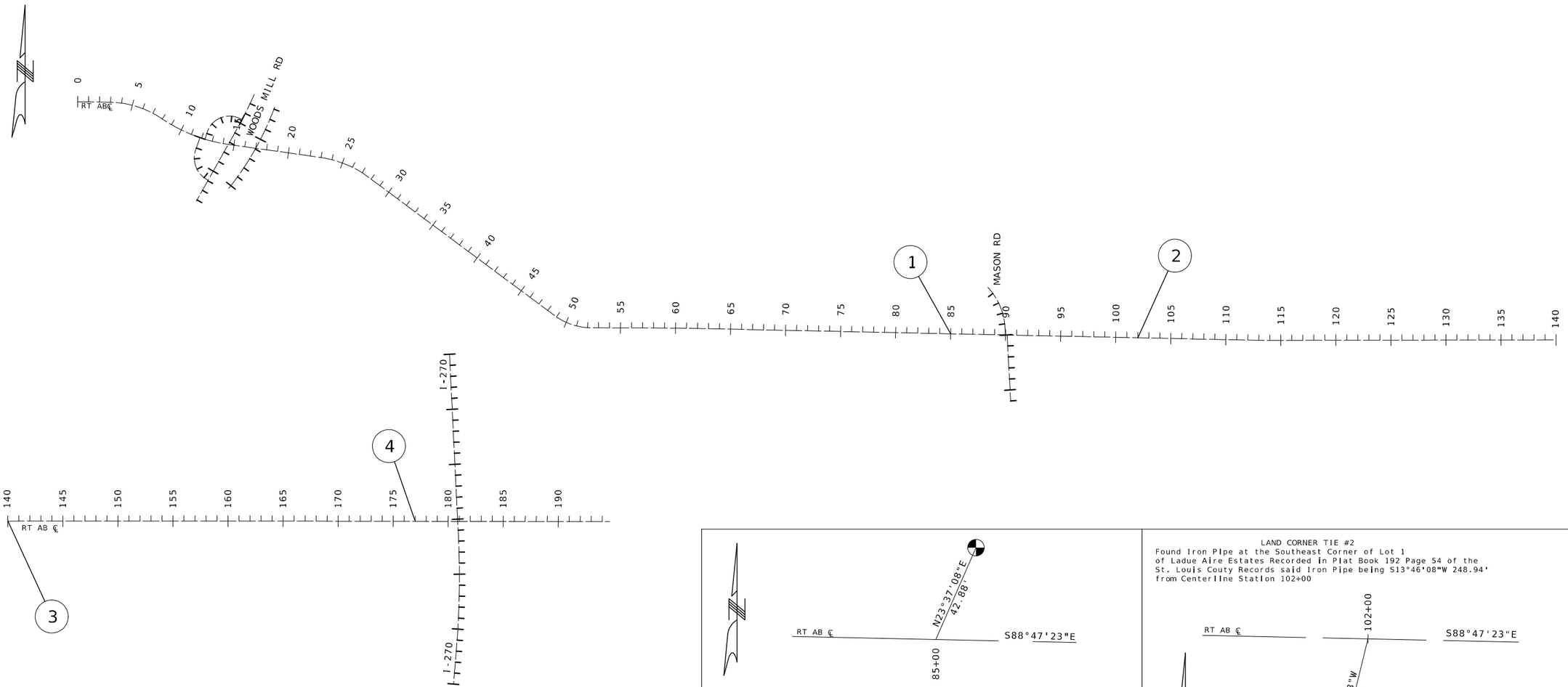
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

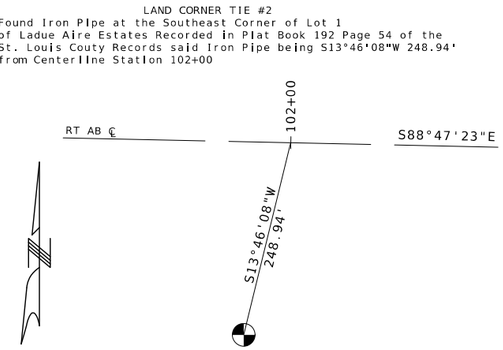
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
SIDEWALK DEPTH KEY PLAN-PROFILE

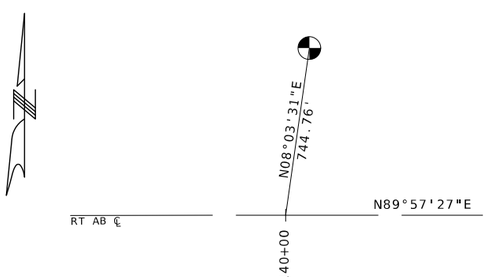


NOT TO SCALE

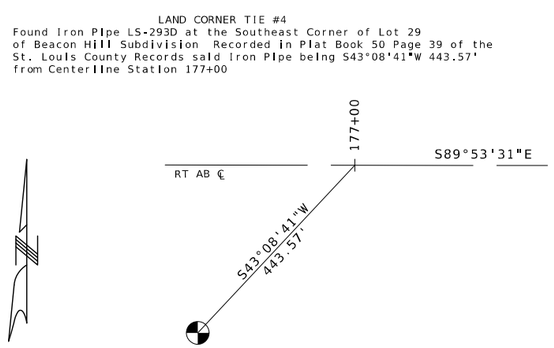
LAND CORNER TIE #1
Found Iron Rod LS-19D at the Southwest Corner of Adjusted Common Ground #2
of Enclave Bellerive Plat 4 Boundary Adjustment Plat
Recorded in Plat Book 369 Page 89 of the St. Louis County Records
Said Iron Rod being N23°37'08"E 42.88' from Centerline Station 85+00.



LAND CORNER TIE #2
Found Iron Pipe at the Southeast Corner of Lot 1
of Ladue Aire Estates Recorded in Plat Book 192 Page 54 of the
St. Louis Couty Records said Iron Pipe being S13°46'08"W 248.94'
from Centerline Station 102+00



LAND CORNER TIE #3
Found Stone 61.43' west from the Northeast Corner of Lot 4
of Ambleside Subdivision Recorded in Plat Book 127 Page 24 of the
St. Louis County Records said Stone being N08°03'31"E 744.76' from
Centerline Station 140+00



LAND CORNER TIE #4
Found Iron Pipe LS-293D at the Southeast Corner of Lot 29
of Beacon Hill Subdivision Recorded in Plat Book 50 Page 39 of the
St. Louis County Records said Iron Pipe being S43°08'41"W 443.57'
from Centerline Station 177+00

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:10:24 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	89

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

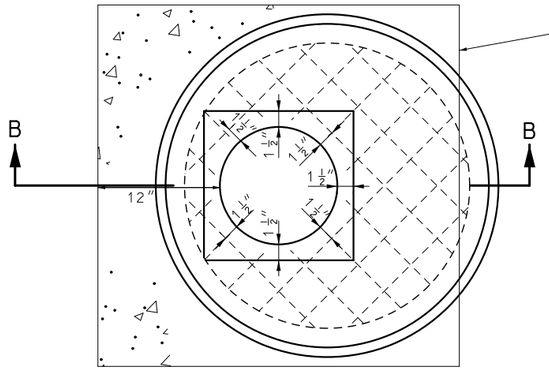
BRIDGE NO.

DESCRIPTION	DATE

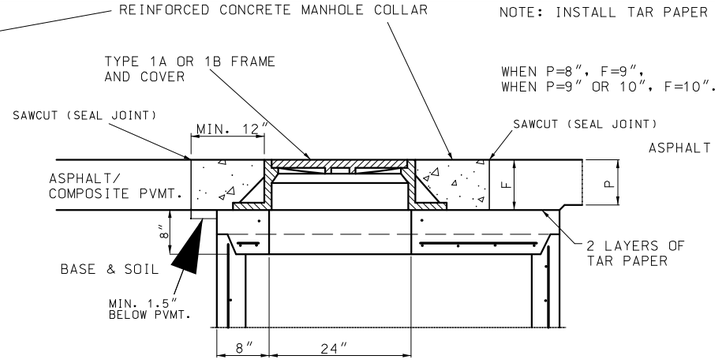
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
LAND CORNER TIES



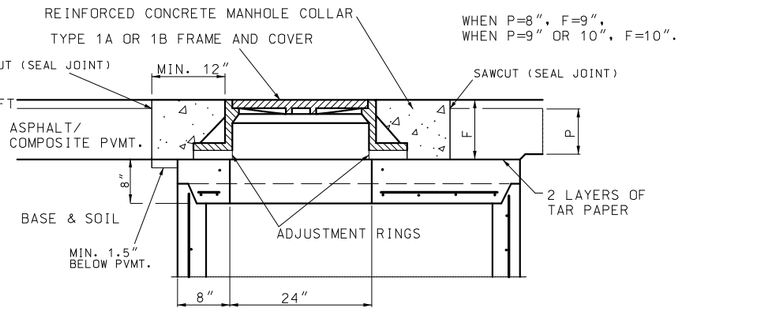
PLAN OF FLAT SLAB MANHOLE TOP



FLAT SLAB MANHOLE TOP (PAVED AREA)

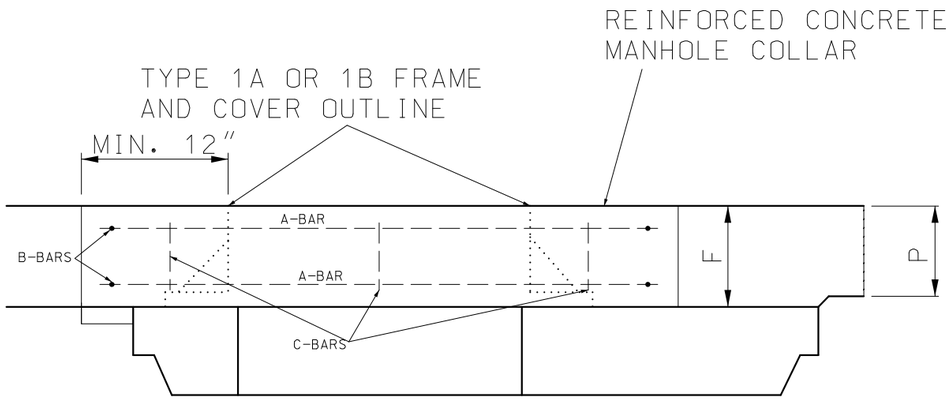
SECTION B–B

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

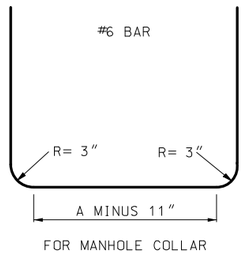


SECTION B–B

COLLAR REINFORCEMENT DETAIL

DISCLAIMER

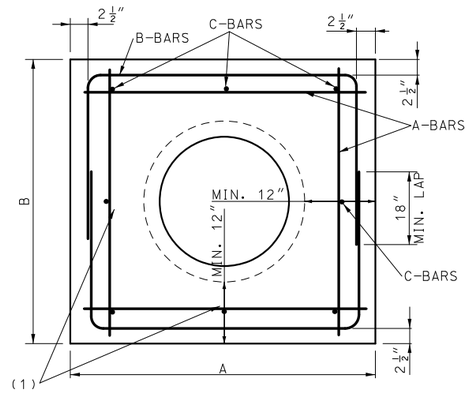
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED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



FOR MANHOLE COLLAR

BENDING DIAGRAM FOR B–BARS

(1) PROVIDE MIN. 4.75″ CLEARANCE BETWEEN REINFORCING & MANHOLE FRAME & COVER OR CIRCULAR PRECAST MANHOLE.

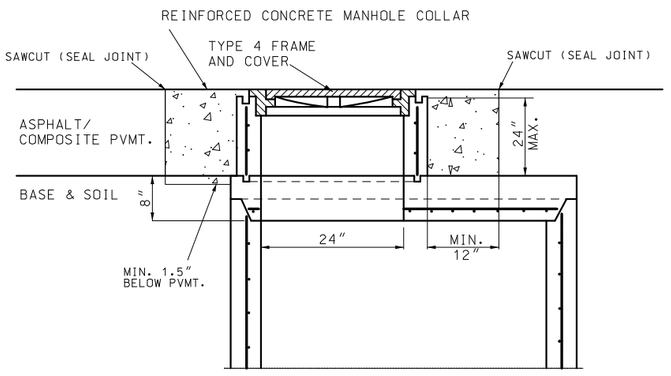


TOP VIEW OF MANHOLE COLLAR WITH REINFORCEMENT

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

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:10:34 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	90

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

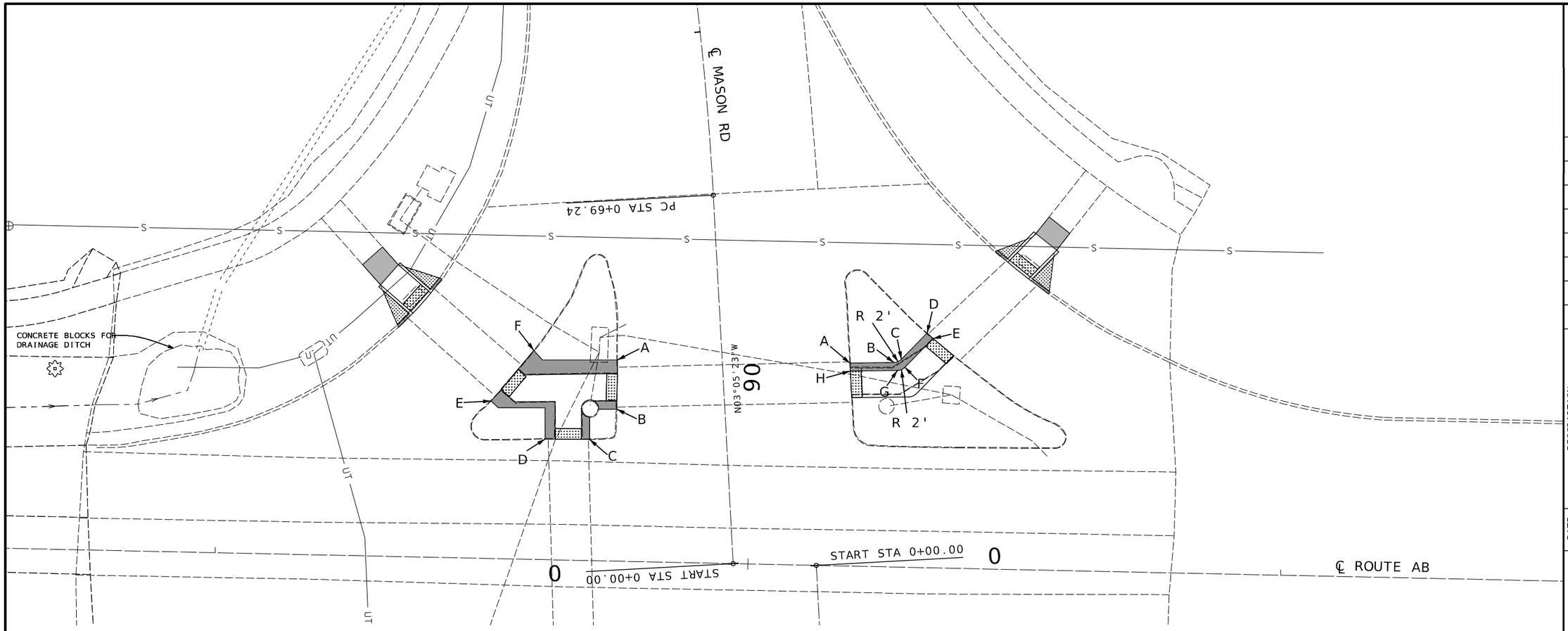
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
MANHOLE COLLAR FOR
ASPHALT PAVING



NORTHWEST ISLAND		
A	89+74.70	37.73'
B	89+74.79	28.50'
C	89+69.81	22.74'
D	89+61.46	22.63'
E	89+51.18	29.55'
F	89+59.00	39.21'

NORTHEAST ISLAND		
A	90+18.33	38.08'
B	90+26.61	38.37'
C	90+28.00	39.00'
D	90+32.71	44.02'
E	90+33.83	43.03'
F	90+28.67	37.53'
G	90+27.28	36.90'
H	90+18.46	36.59'

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 11:10:44 AM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	91

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

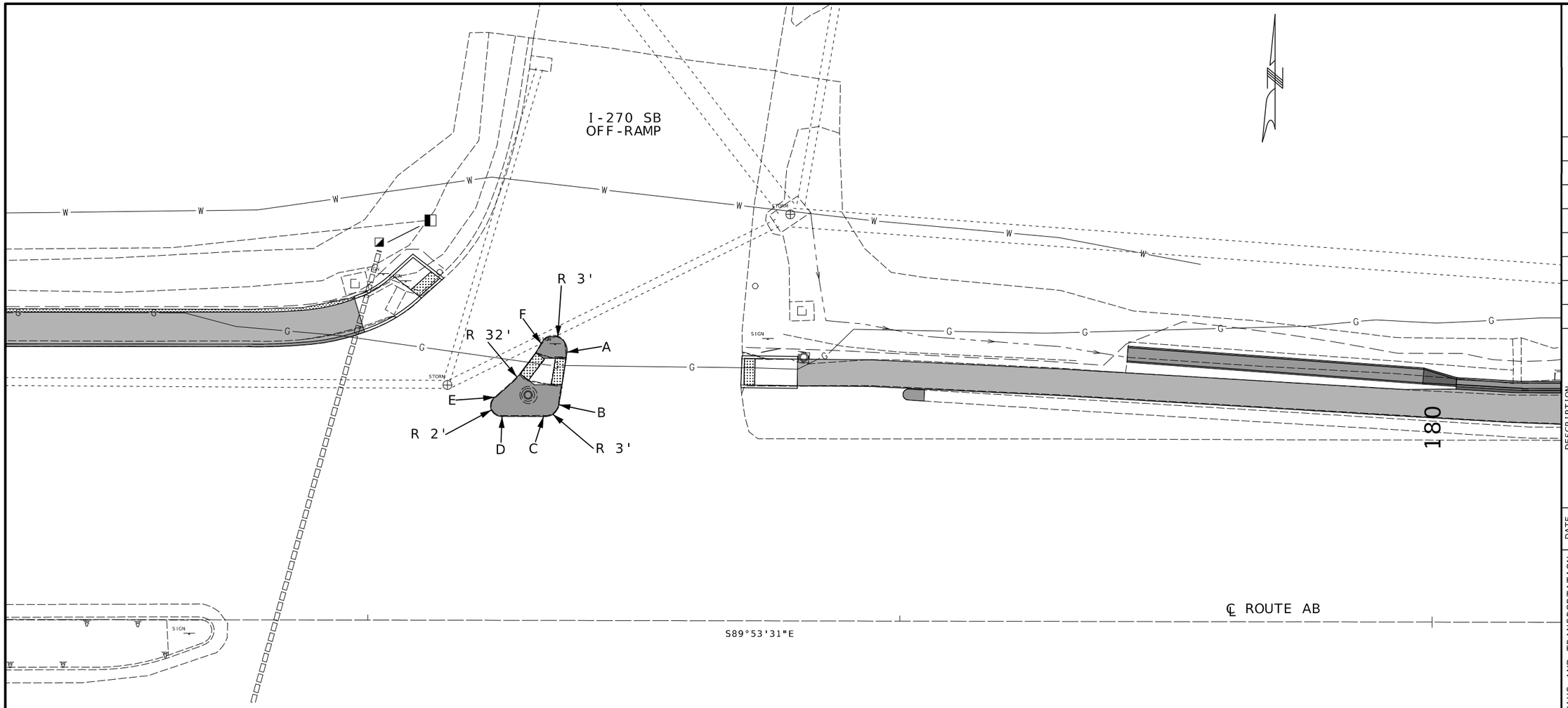
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

SPECIAL SHEET RAISED ISLANDS AT MASON RD



NORTH ISLAND		
A	178+37.34	50.41'
B	178+35.84	40.53'
C	178+32.98	38.32'
D	178+25.18	38.34'
E	178+23.79	41.93'
F	178+32.49	52.04'

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

05/10/2024 11:10:56 AM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	92

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

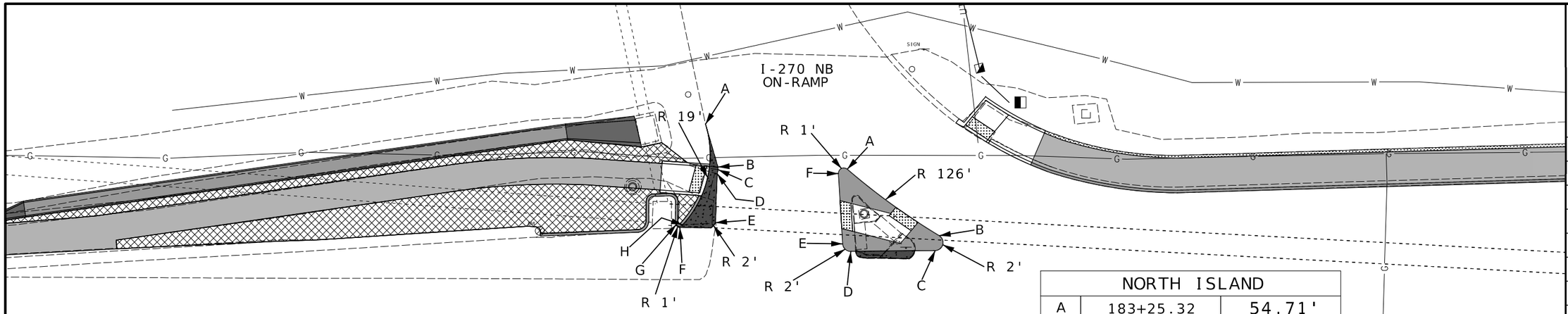
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
RAISED ISLANDS
AT I-270 SB RAMPS



NORTH ISLAND		
A	183+25.32	54.71'
B	183+42.58	42.28'
C	183+41.83	39.50'
D	183+26.01	39.31'
E	183+24.50	40.71'
F	183+23.68	53.89'

℄ ROUTE AB

(CONCRETE APPROACH PAVEMENT)

NORTHWEST PAVING		
A	182+98.74	63.12'
B	183+01.11	55.09'
C	183+01.12	54.57'
D	183+00.95	53.80'
E	183+00.64	44.64'
F	182+93.99	43.17'
G	182+93.29	44.25'
H	182+94.50	44.23'

SOUTH ISLAND		
A	183+52.38	36.69'
B	183+53.50	39.44'
C	183+31.47	63.43'
D	183+27.54	61.52'
E	183+36.05	38.02'
F	183+38.32	36.62'

SCALE

0 20 40 60

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:11:07 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	93

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

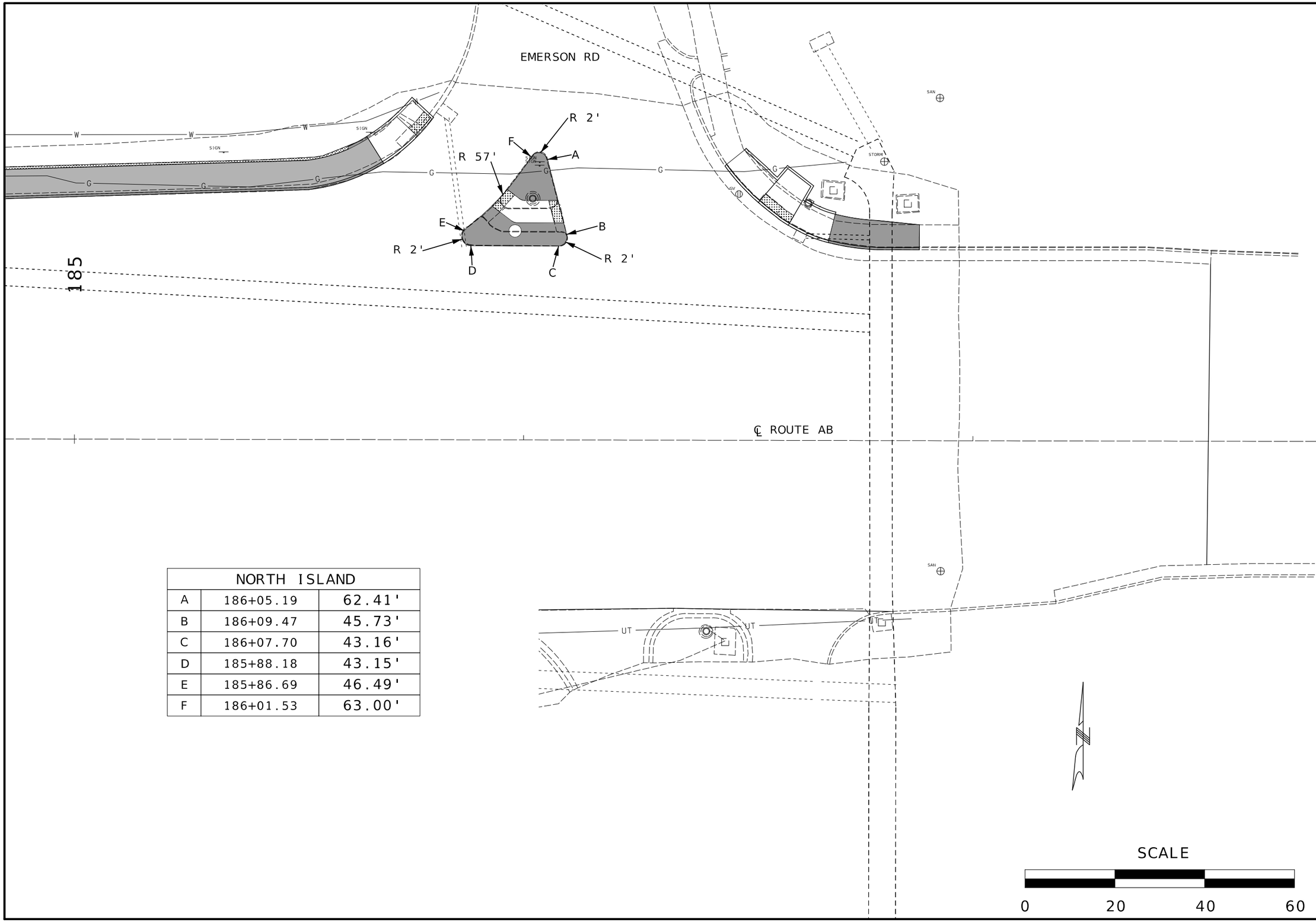
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
RAISED ISLANDS
AT I-270 NB RAMPS



NORTH ISLAND		
A	186+05.19	62.41'
B	186+09.47	45.73'
C	186+07.70	43.16'
D	185+88.18	43.15'
E	185+86.69	46.49'
F	186+01.53	63.00'

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart M. McN
06/10/2024 11:11:16 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	94

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

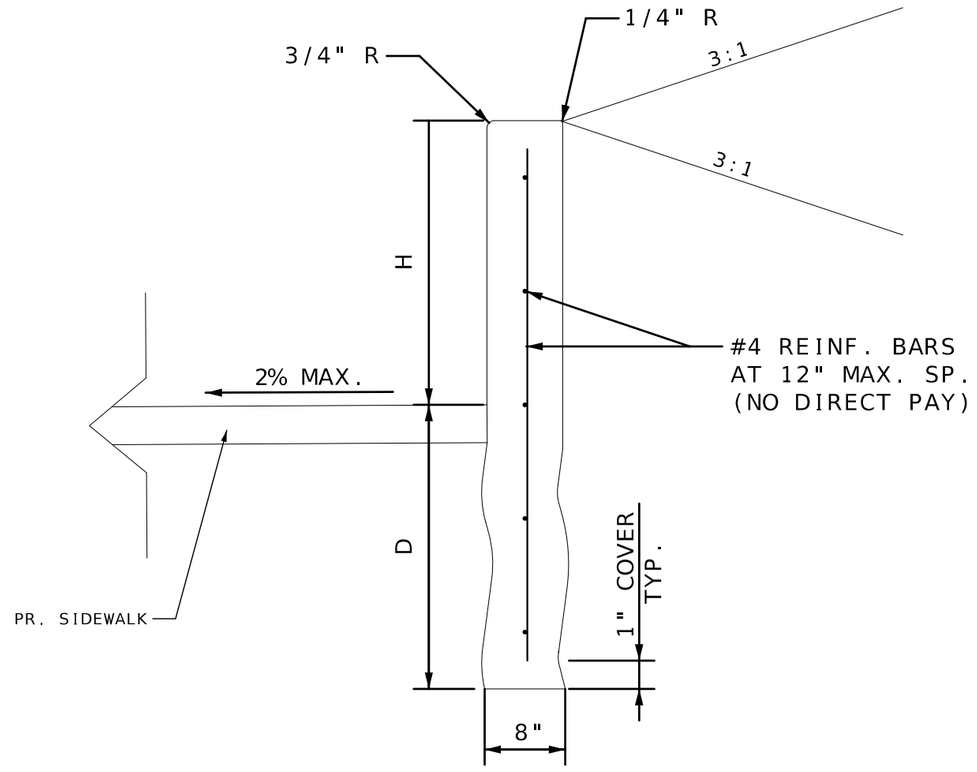
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
RAISED ISLANDS
AT EMERSON RD



H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER. VERTICAL REINFORCING LENGTHS VARY AS NEEDED. DEPTH MAY BE REDUCED IF KEYED 6 INCHES IN ROCK.

VARIABLE HEIGHT CURB

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:11:30 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	95

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

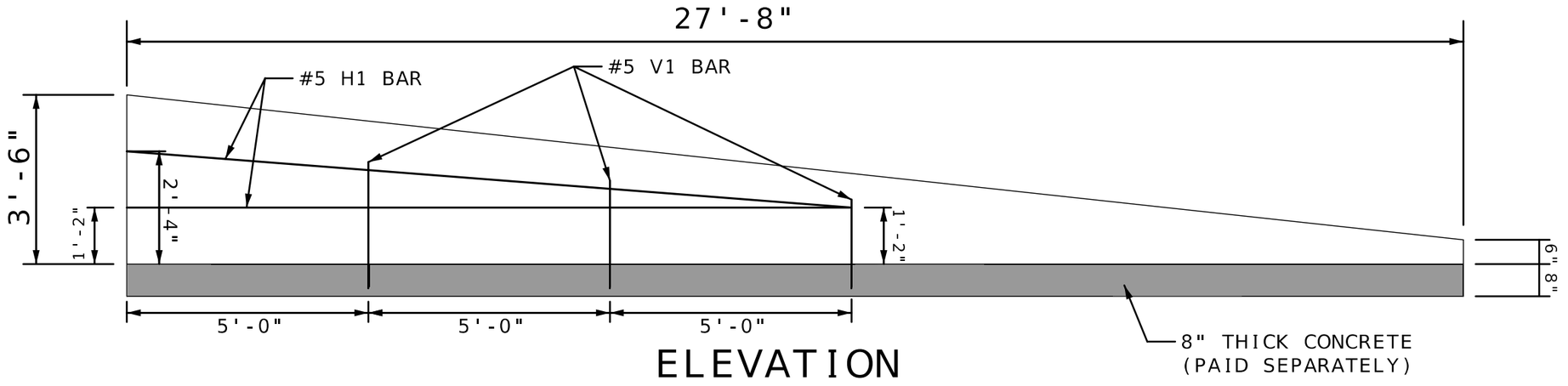
PROJECT NO.

BRIDGE NO.

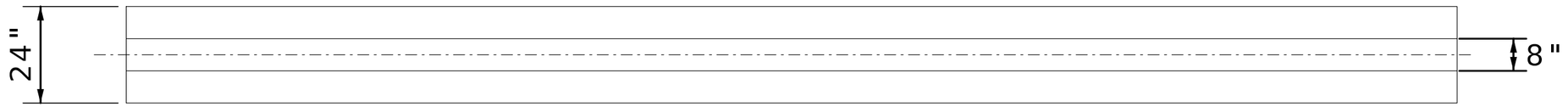
DESCRIPTION	DATE

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

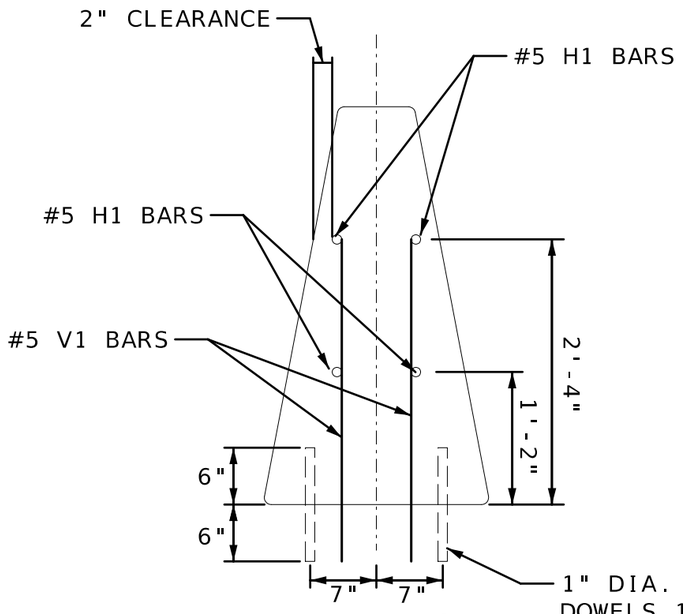
SPECIAL SHEET
VARIABLE HEIGHT CURB



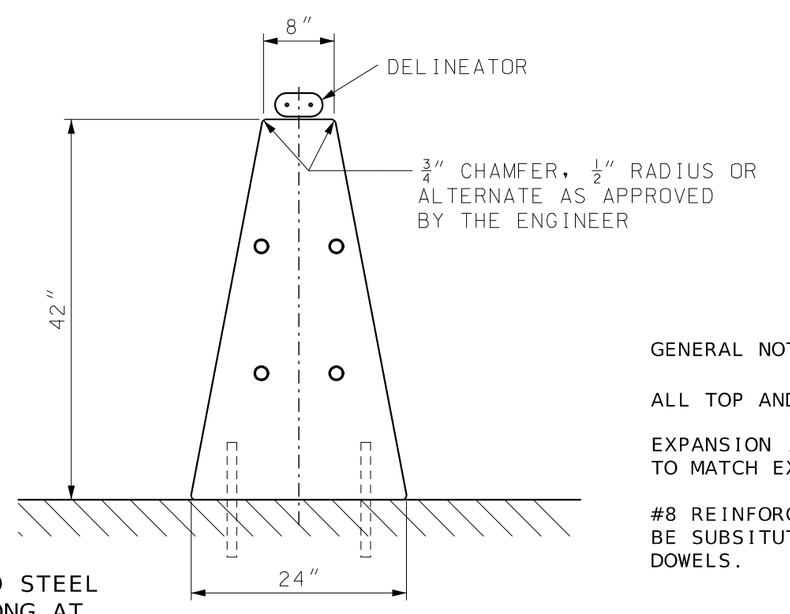
ELEVATION



PLAN



TYPE C
TRANSITION



TYPE C
TYPICAL SECTION

GENERAL NOTES:

ALL TOP AND END EDGES SHALL BE CHAMFERED ¾INCH.

EXPANSION JOINTS SHALL BE PROVIDED IN THE BARRIER TO MATCH EXPANSION JOINTS IN SIDEWALK.

#8 REINFORCING BARS WITH AN EPOXY ANCHOR SYSTEM MAY BE SUBSITUTED FOR SMOOTH 1 INCH DIAMETER ROUND STEEL DOWELS.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 11:12:06 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	96

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

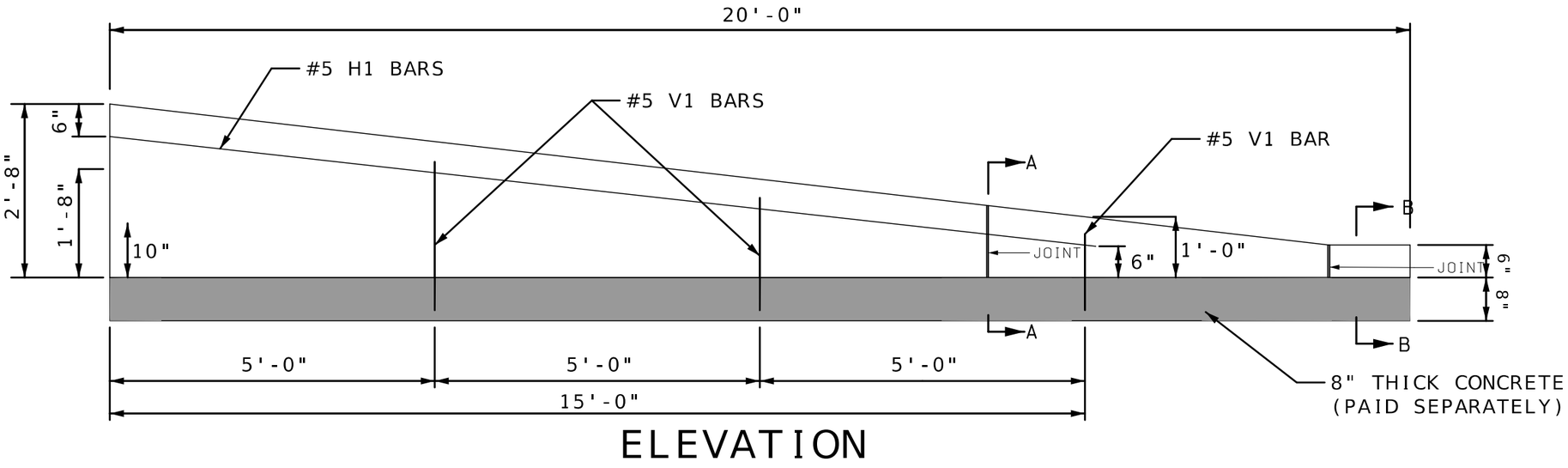
PROJECT NO.

BRIDGE NO.

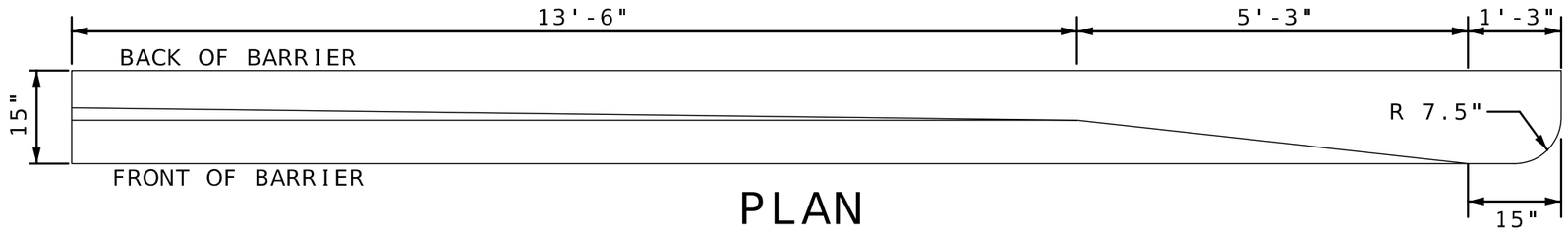
DESCRIPTION	DATE

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

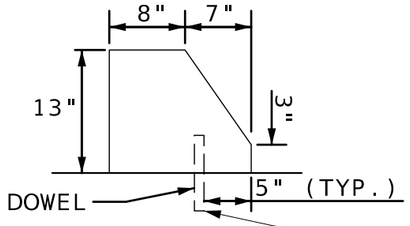
SPECIAL SHEET
TYPE C BARRIER
HEIGHT TRANSITION



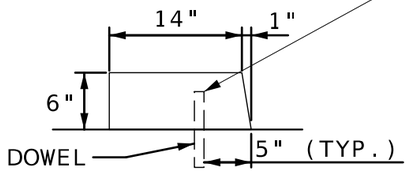
ELEVATION



PLAN

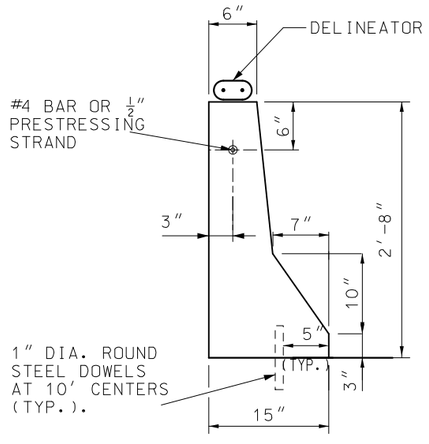


SECTION A-A



SECTION B-B

1" DIA. ROUND STEEL DOWELS AT 5' CENTERS– ONE SIDE ONLY (TYP.).



TYPICAL VIEW
TYPE B – ONE TRAFFIC FACE

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 ¾ 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.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:43:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/4/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	97

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

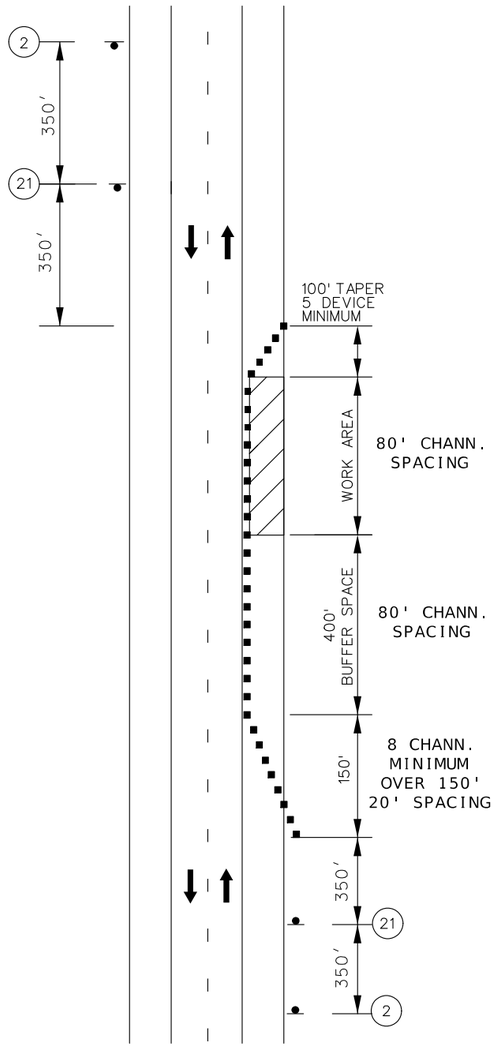
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

SPECIAL SHEET TYPE B BARRIER HEIGHT TRANSITION



WORK ON THE SHOULDER
ON DIVIDED AND UNDIVIDED
HIGHWAYS

NOT TO SCALE

TRAFFIC CONTROL LEGEND

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

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.

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.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:56:32 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	98

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

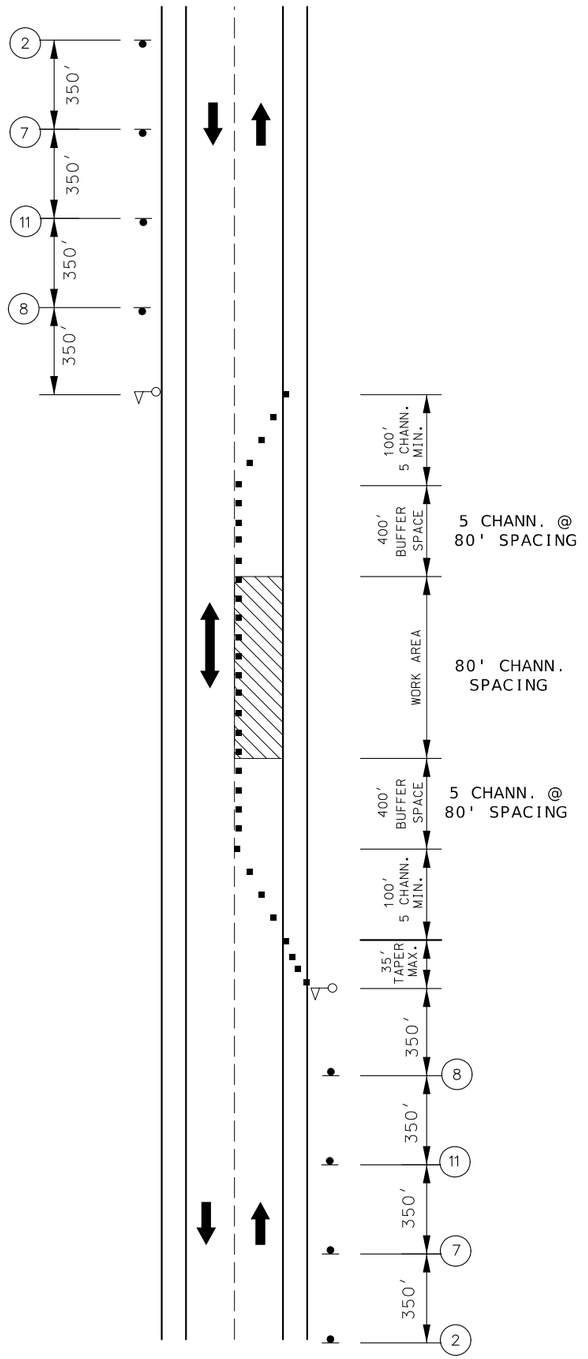
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEETS



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.

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).

TRAFFIC CONTROL LEGEND

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

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

Stuart McNeil

05/10/2024 12:56:39 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	99

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

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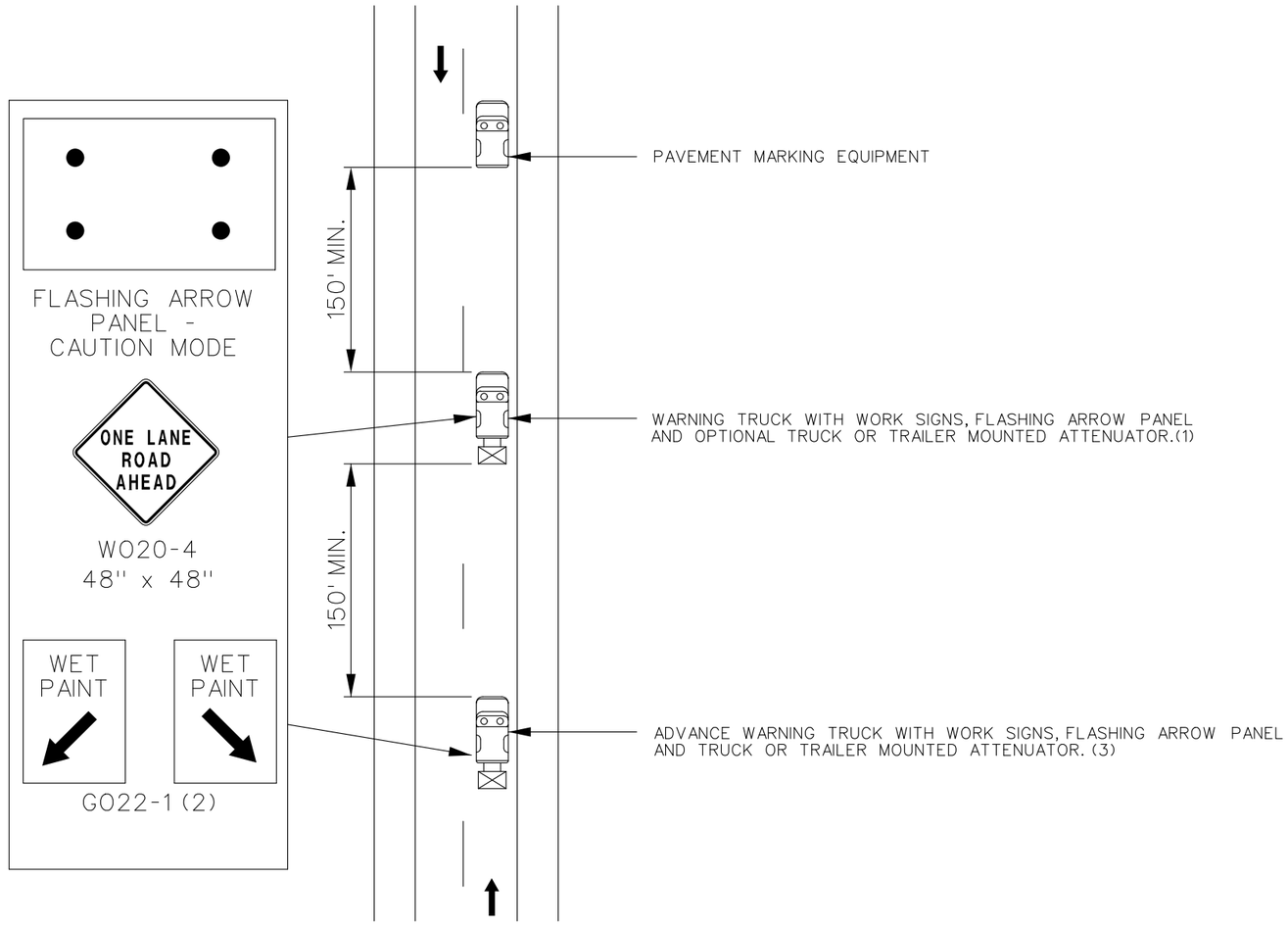
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEETS

CENTER LINE / EDGE LINE STRIPING ON TWO-LANE HIGHWAYS



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

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED, NO ADDITIONAL PAVEMENT WILL BE MADE

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

(3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE,OR SPACING SHOWN.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 12:56:49 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/5/2024

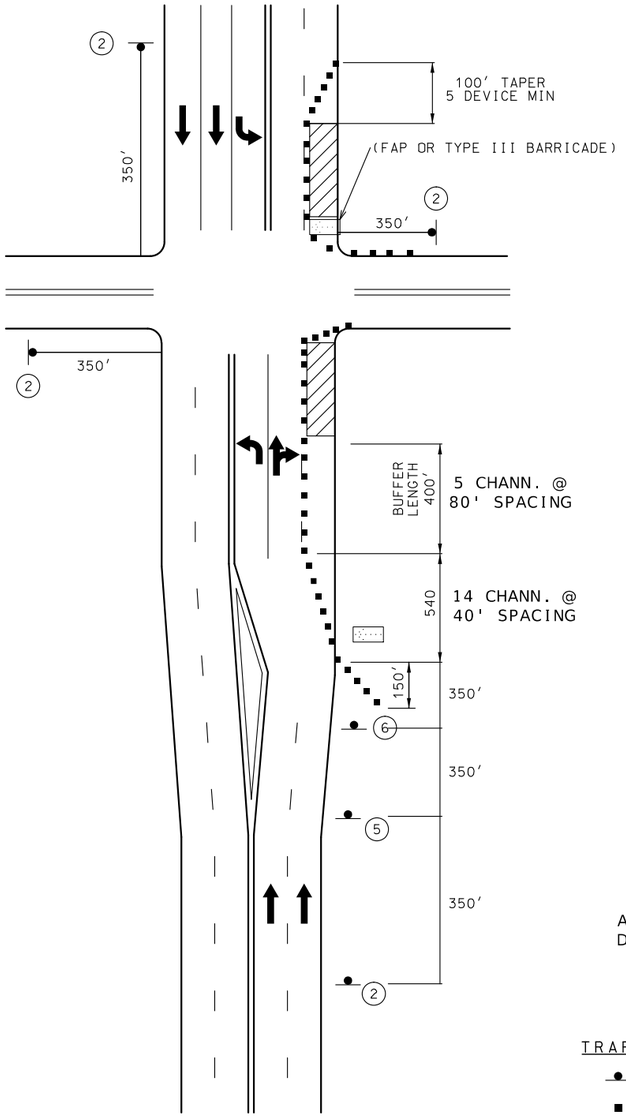
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	100

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEETS



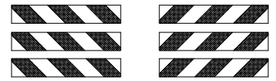
RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

W020-1
(2)

W020-5
(5)

W020-6a
(6)

ADVANCE WARNING RAIL SYSTEM



LEFT SIDE OF ROAD

RIGHT SIDE OF ROAD

NOTES:

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.

ADDITIONAL NOTE:
DEVICE SPACING CAN BE REDUCD BY HALF AT OR NEAR INTERSECTIONS

TRAFFIC CONTROL LEGEND

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

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:57:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	101

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

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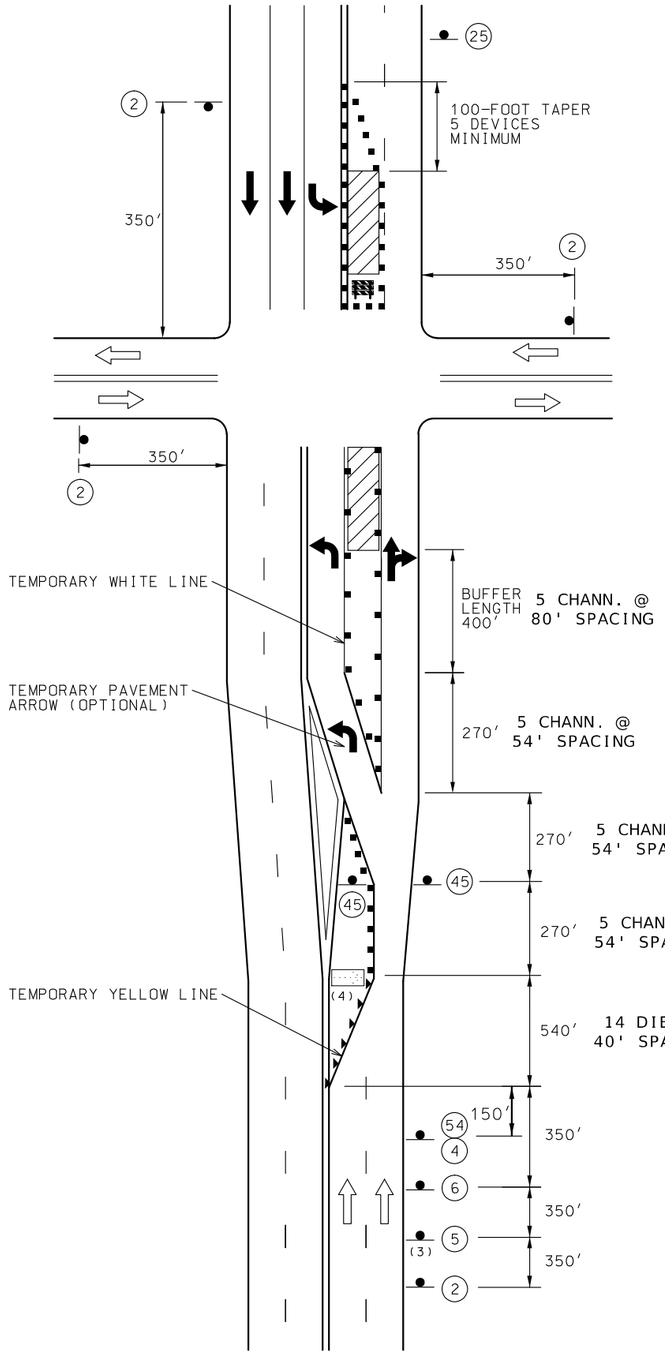
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEETS



LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

ADDITIONAL NOTE:
DEVICE SPACING CAN BE REDUCD BY HALF AT OR NEAR INTERSECTIONS

TRAFFIC CONTROL LEGEND

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

G020-5aP
54

R2-1
4

W020-1
2

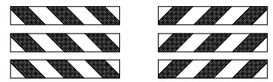
W020-5
5

W020-6a
6

R2-1
(NORMAL SPEED)
25

R3-7L
45

ADVANCE WARNING RAIL SYSTEM


LEFT SIDE OF ROAD
RIGHT SIDE OF ROAD

NOTES:

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.

(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.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:57:11 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	102

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

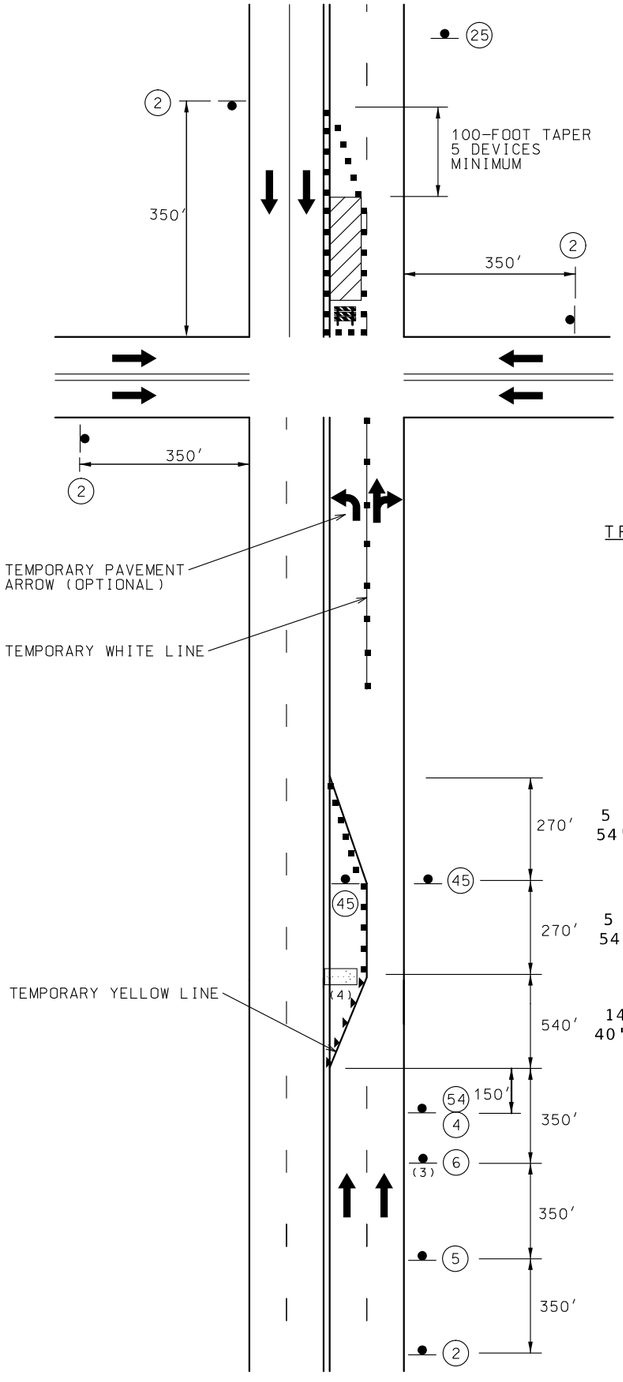
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEETS

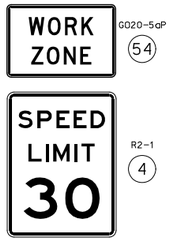


LEFT LANE CLOSURE AT INTERSECTION
WORK ON FAR SIDE

ADDITIONAL NOTE:
DEVICE SPACING CAN BE REDUCD BY HALF AT OR NEAR INTERSECTIONS

TRAFFIC CONTROL LEGEND

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



G020-5aP
54

R2-1
4

W020-1
2

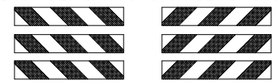
W020-5
5

W020-6a
6

R2-1
(NORMAL SPEED)
25

R3-7L
45

ADVANCE WARNING RAIL SYSTEM



NOTES:

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.

(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.

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:57:30 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	103

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

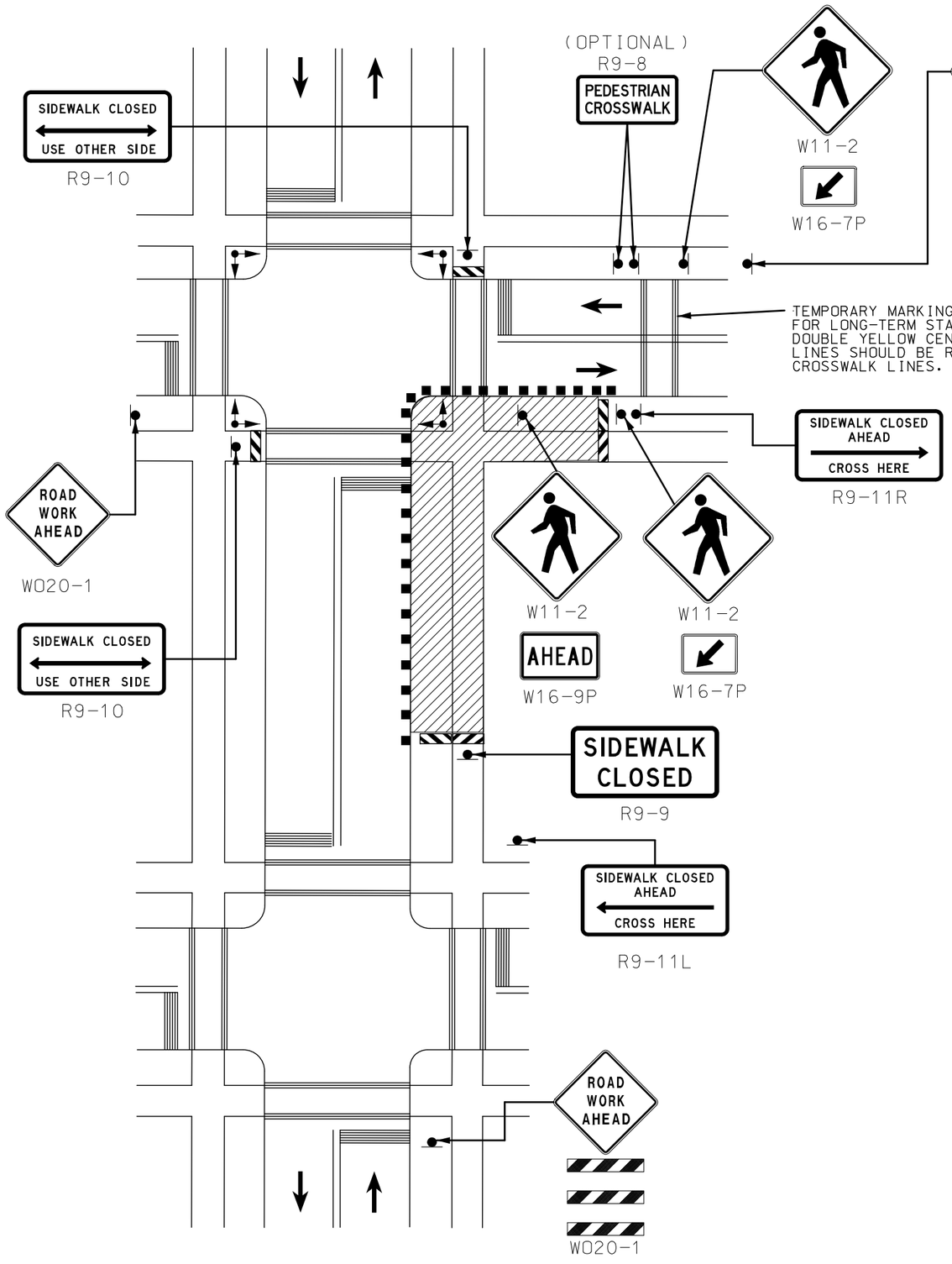
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL SHEETS



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.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TRAFFIC OR PEDESTRIAN SIGNAL
- ADVANCED WARNING RAILS
- CHANNELIZER (TRIM-LINE)

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:57:41 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	104

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

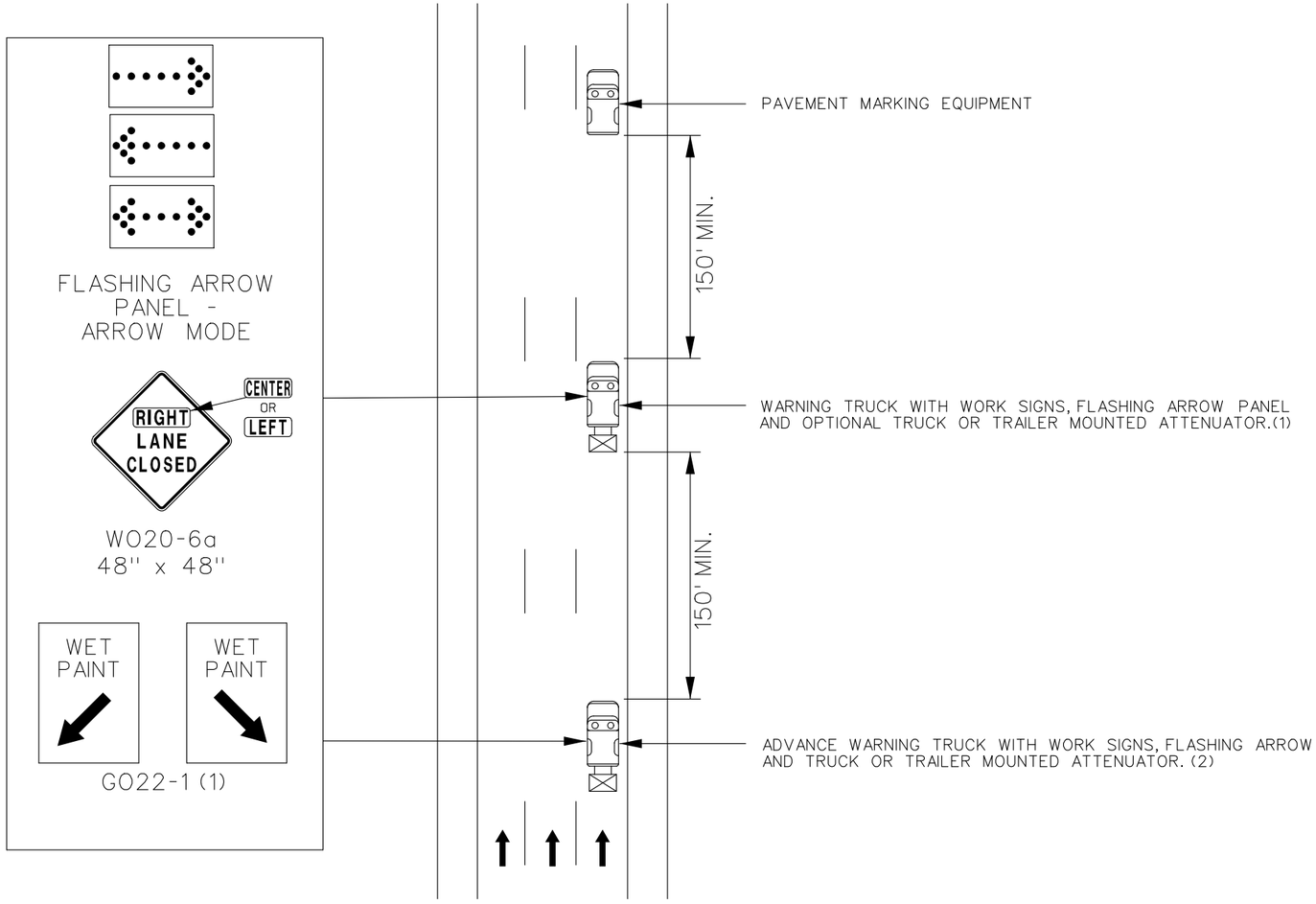
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEETS

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

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:57:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	105

COUNTY
ST. LOUIS

JOB NO.
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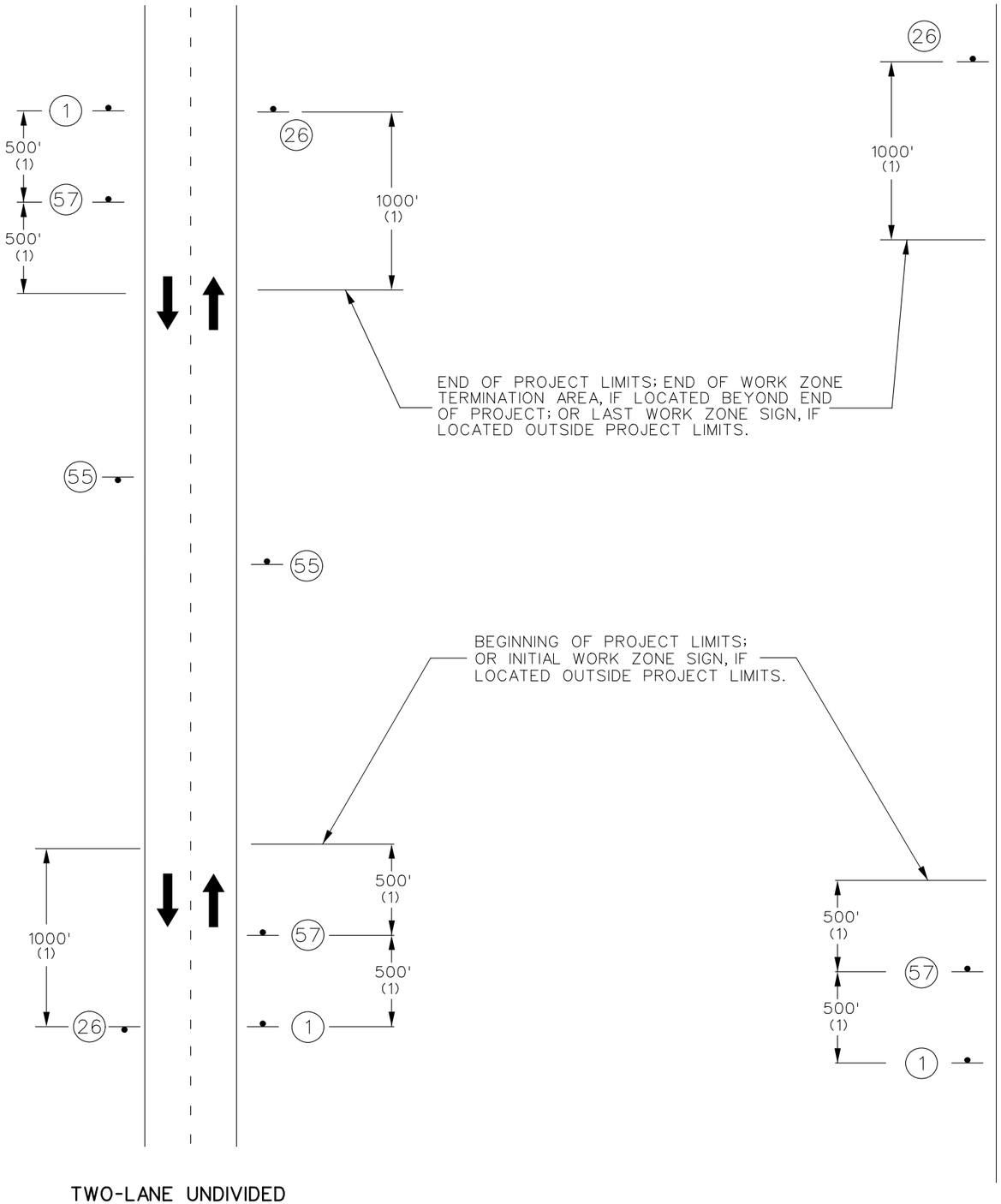
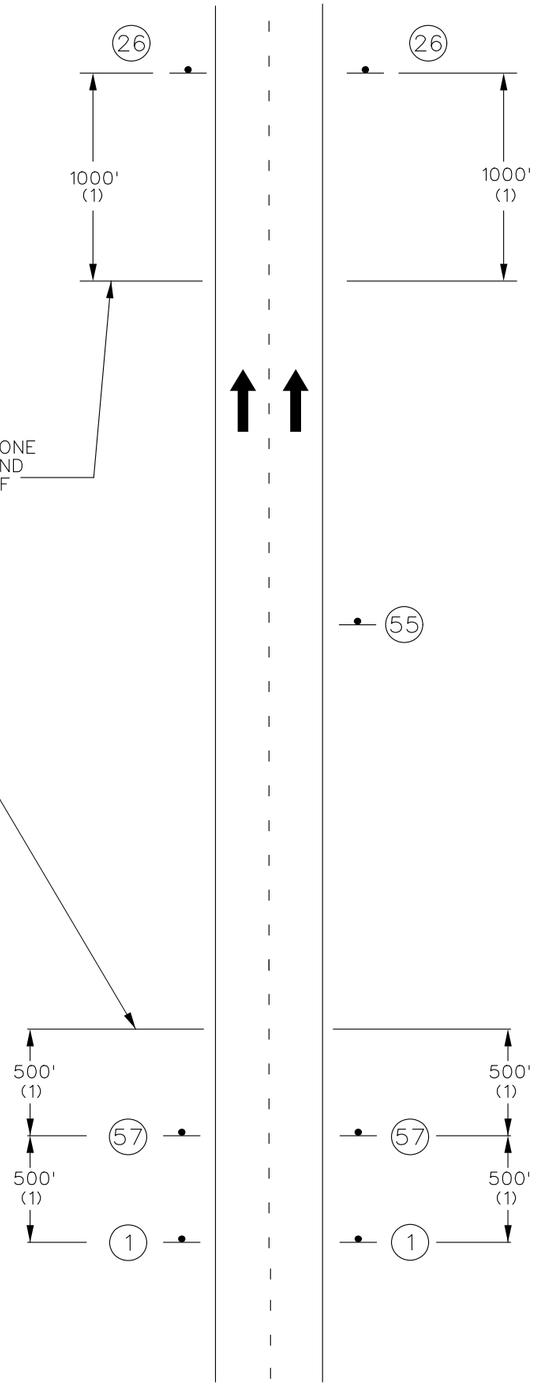
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEETS



TWO-LANE UNDIVIDED



MULTI-LANE DIVIDED

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

NOTES:
SIGN GO20-1 IS REQUIRED

SIGN GO20-2 IS USED ON ALL PROJECTS WHERE SIGN GO20-1 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.

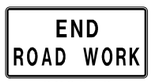
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) 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 GO20-1 ROAD WORK NEXT XX MILES.

(3) 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.

(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

GO20-1
(1)



GO20-2
(26)

SPECIAL (4)
(57)

CONST-5-96 (2)(3)
CONST-5-48 (2)(3)
(55)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/10/2024 12:58:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	106

COUNTY
ST. LOUIS

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

TRAFFIC CONTROL SHEETS

ALL EXISTING UTILITIES, SIGNAGE,
AND DRAINAGE STRUCTURES ARE TO BE
USED IN PLACE UNLESS STATED OTHERWISE.

CREVE COEUR CREEK

STA 0+37.61
OFF 90.22'

STA 0+71.08
OFF 43.95'

STA 0+37.79
OFF 56.56'

STA 2+75.22
OFF 40.53'

STA 3+21.35
OFF 38.53'

STA 20+64.60
OFF 40.37'

STA 20+85.10
OFF 21.25'

STA 21+43.49
OFF 31.61'

STA 21+35.50
OFF 21.51'

UTILITIES IN THIS AREA
WERE DRAWN IN USING AS-BUILTS.

EX. R/W

MATCHLINE STA. 19+50.00

RTE AB

S.O.R. CONNECT

STA 0+54.10
OFF 48.73'

STA 0+95.17
OFF 27.57'

STA 1+37.40
OFF 32.54'

STA 1+78.18
OFF 31.97'

RTE 141

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

SCALE
0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:58:13 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	107

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

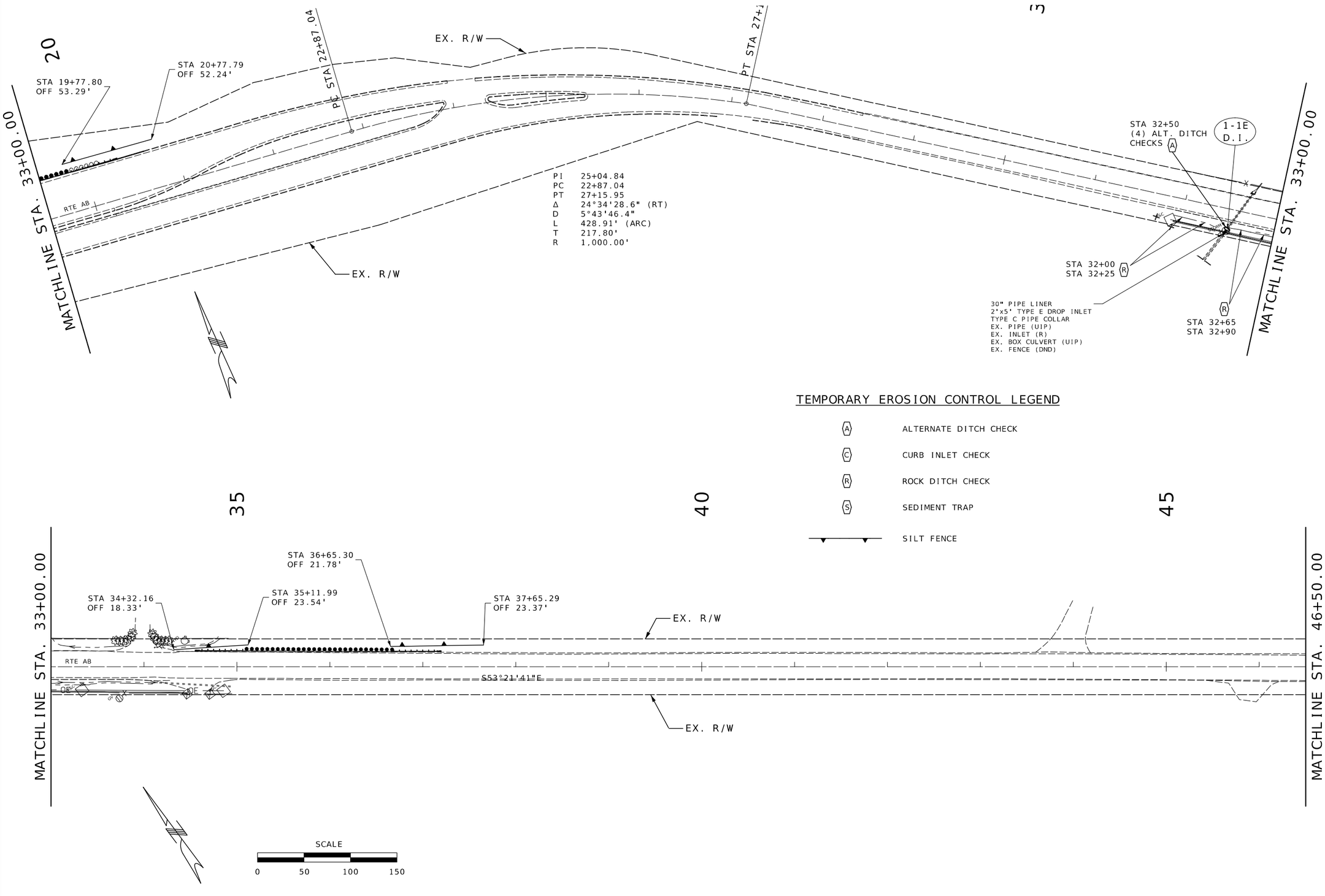
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE AND EROSION CONTROL SHEET 1 OF 8



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 12:58:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	108

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

DRAINAGE AND EROSION CONTROL SHEET 2 OF 8

MATCHLINE STA. 46+50.00

EX. R/W

STA 48+19.13
OFF 19.55'

RTE AB

PC STA 48+74.16

STA 49+20.74
OFF 19.31'

STA 50+49.31
OFF 21.16'

STA 51+53.41
OFF 22.77'

PT STA 52+39.17

PI 50+63.08
PC 48+74.16
PT 52+39.17
Δ 36°27'14.7" (LT)
D 9°59'14.0"
L 365.01' (ARC)
T 188.92'
R 573.69'

EX. R/W

STA 47+81.08
OFF 23.05'

STA 48+80.82
OFF 22.35'

STA 50+48.55
OFF 19.74'

STA 51+45.36
OFF 17.93'

50

55

S89°48'55"E

MATCHLINE STA. 60+00.00

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

65

70

MATCHLINE STA. 60+00.00

PT STA 60+39.39

ROAD EASEMENT

EX. R/W

RTE AB

EX. R/W

STA 71+88.56
OFF 18.20'

STA 72+88.55
OFF 17.43'

STA 73+12.93
OFF 16.76'

MATCHLINE STA. 73+50.00

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

05/10/2024 12:58:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	109

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

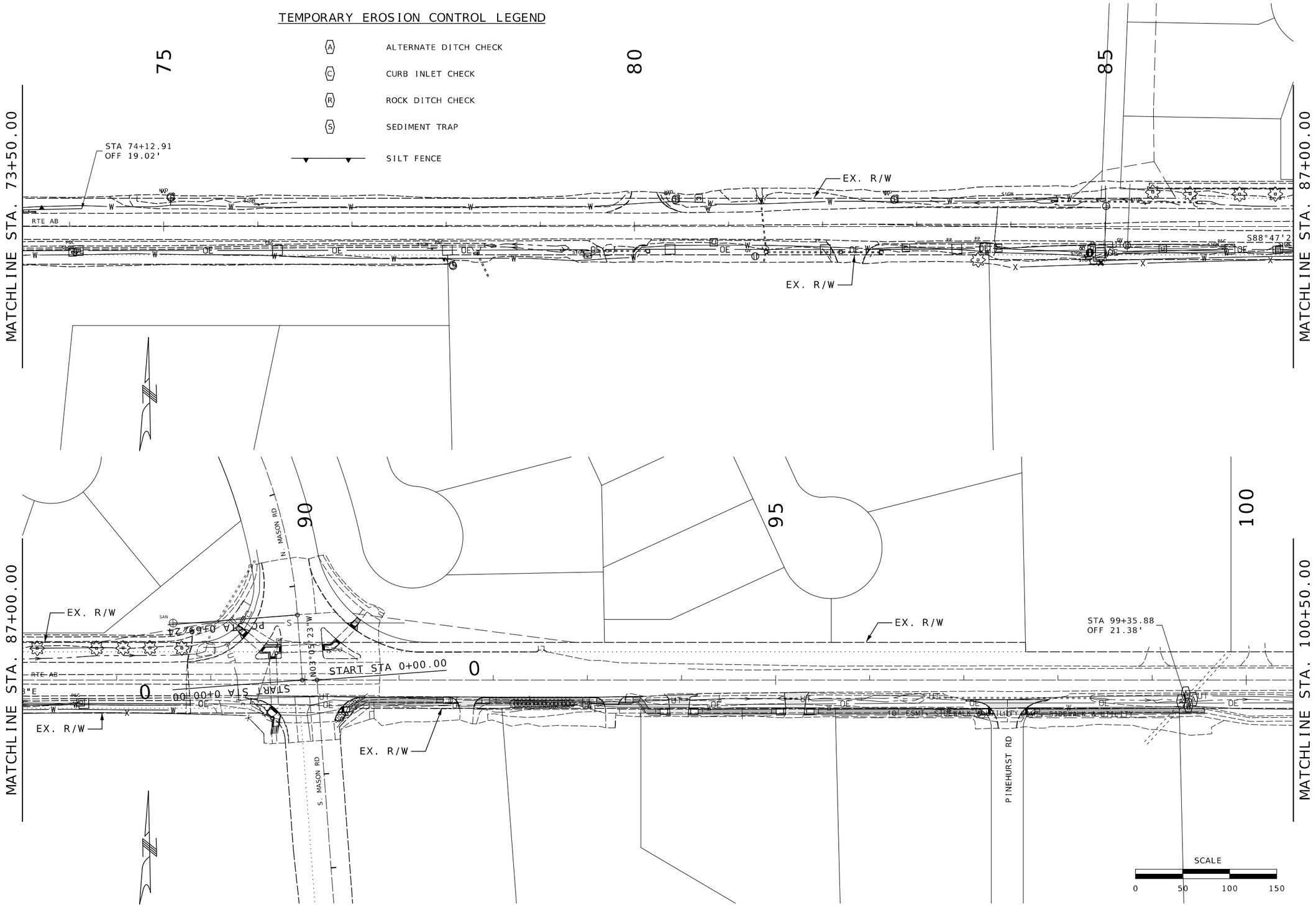
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE AND
EROSION CONTROL
SHEET 3 OF 8

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
06/10/2024 12:58:41 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

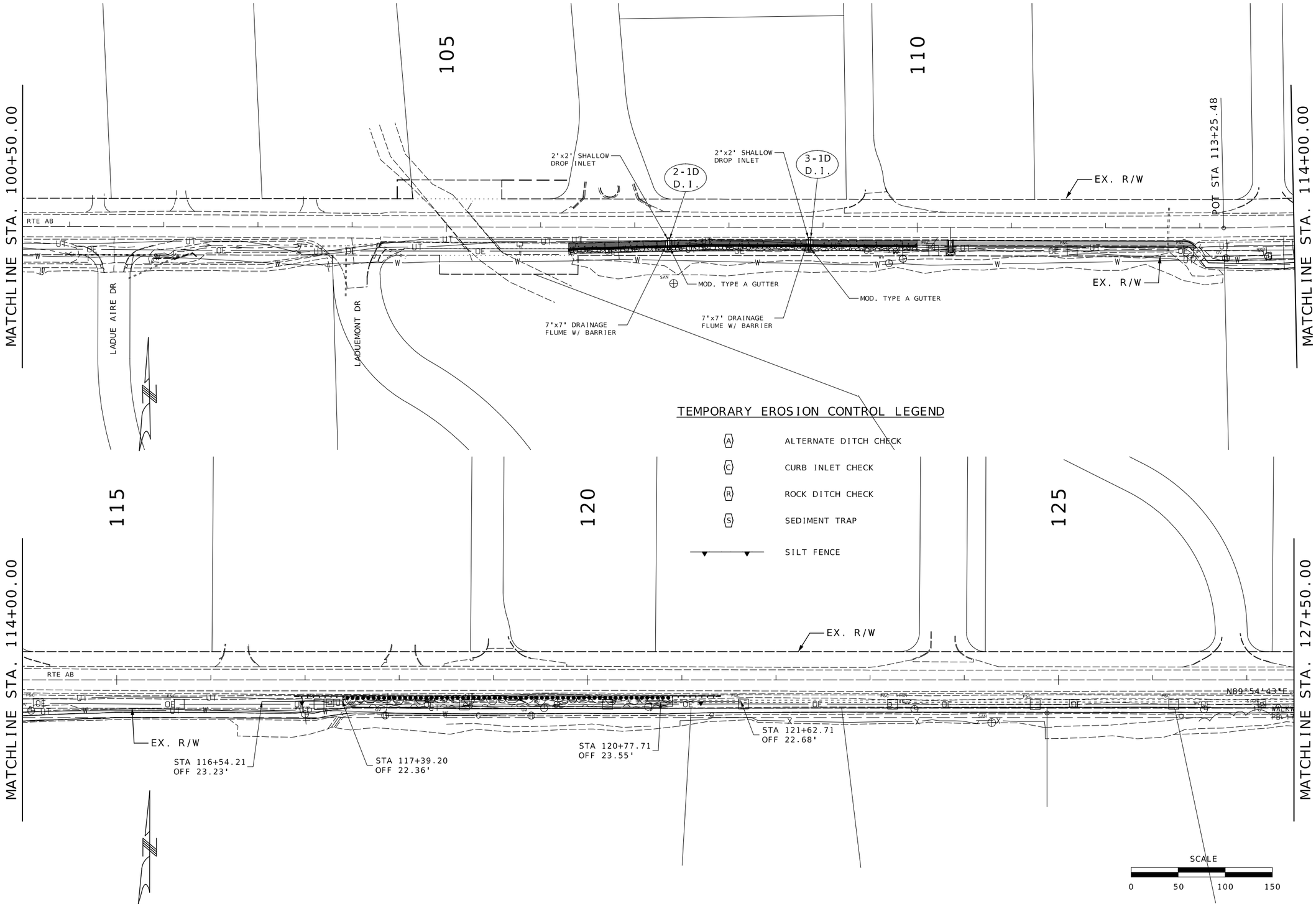
DATE PREPARED	
6/5/2024	
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	110
COUNTY	
ST. LOUIS	
JOB NO.	
J6S3633	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE AND EROSION CONTROL SHEET 4 OF 8



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 1:11:51 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED	6/5/2024
ROUTE	AB
STATE	MO
DISTRICT	SL
SHEET NO.	111
COUNTY	ST. LOUIS
JOB NO.	J6S3633
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

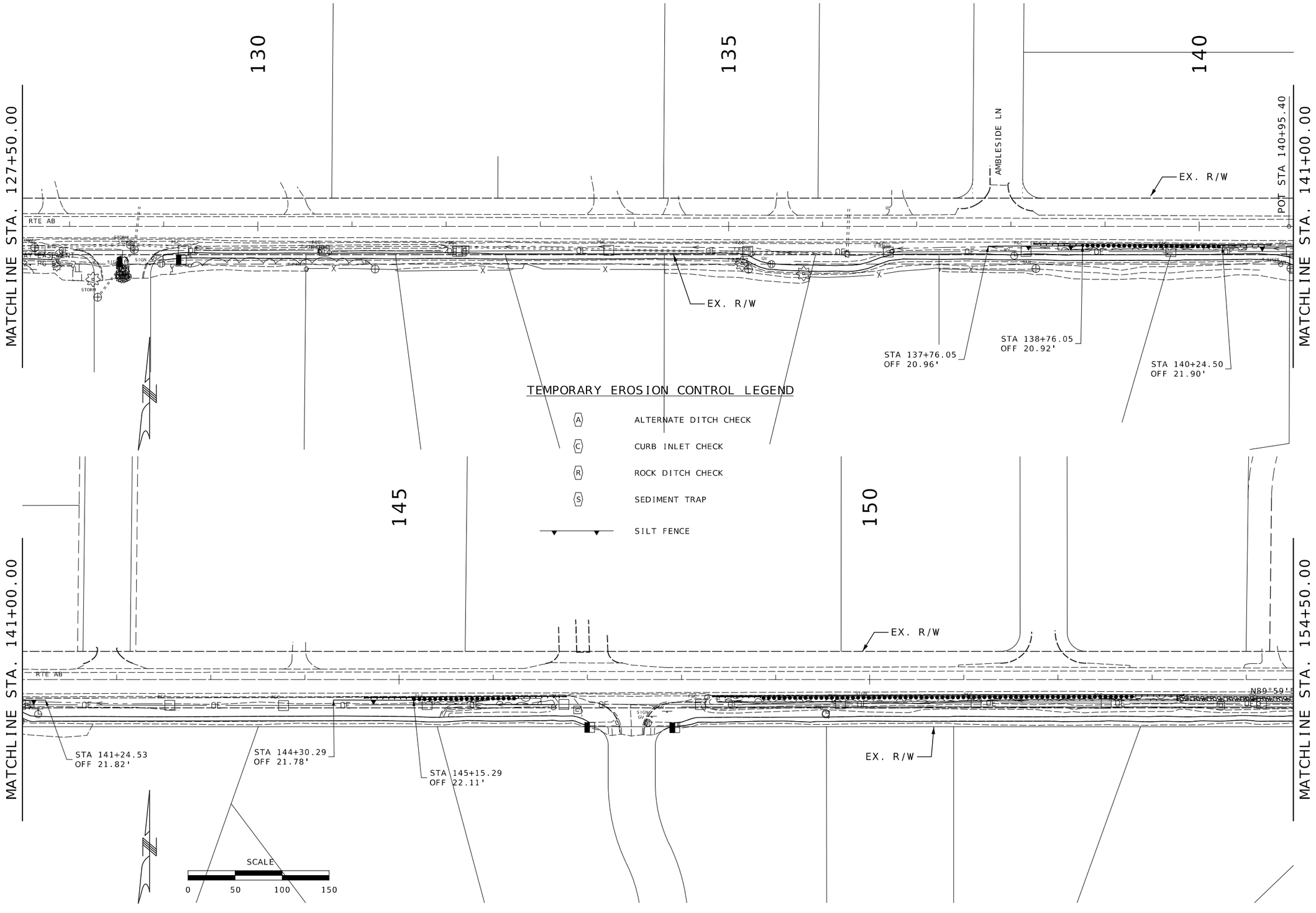
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DRAINAGE AND EROSION CONTROL
SHEET 5 OF 8



TEMPORARY EROSION CONTROL LEGEND

(A)	ALTERNATE DITCH CHECK
(C)	CURB INLET CHECK
(R)	ROCK DITCH CHECK
(S)	SEDIMENT TRAP
	SILT FENCE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:12:00 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	112

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

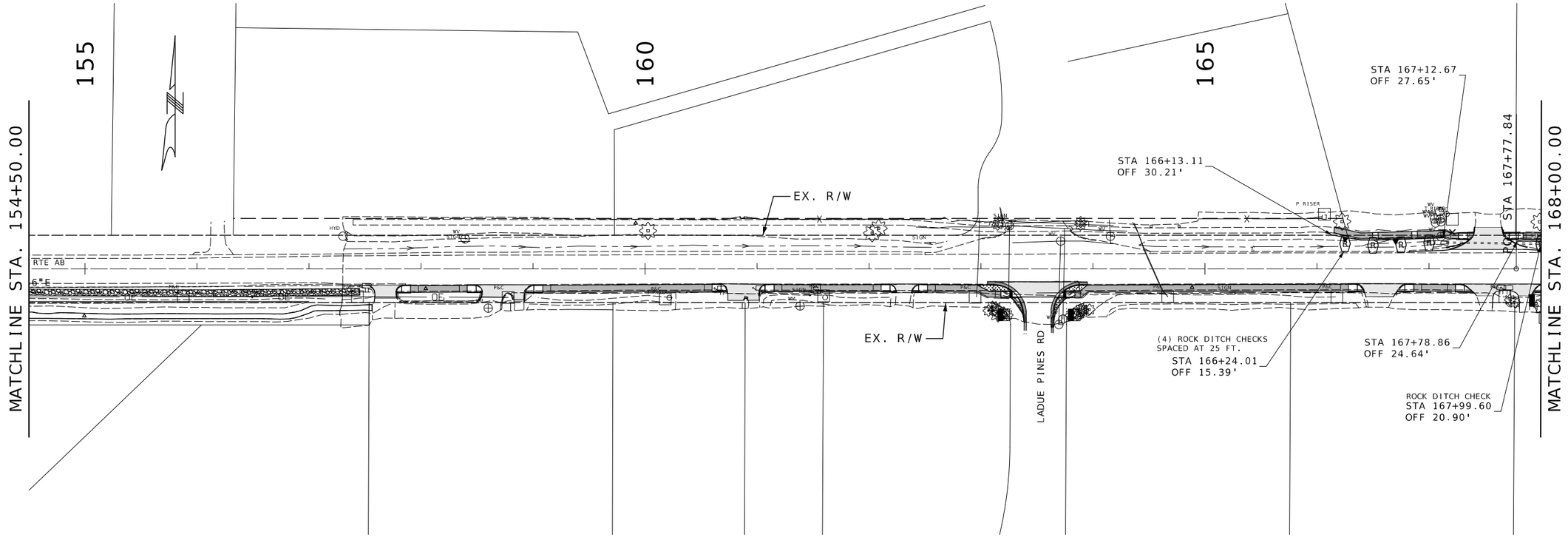
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

DRAINAGE AND EROSION CONTROL SHEET 6 OF 8



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:12:12 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	113

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

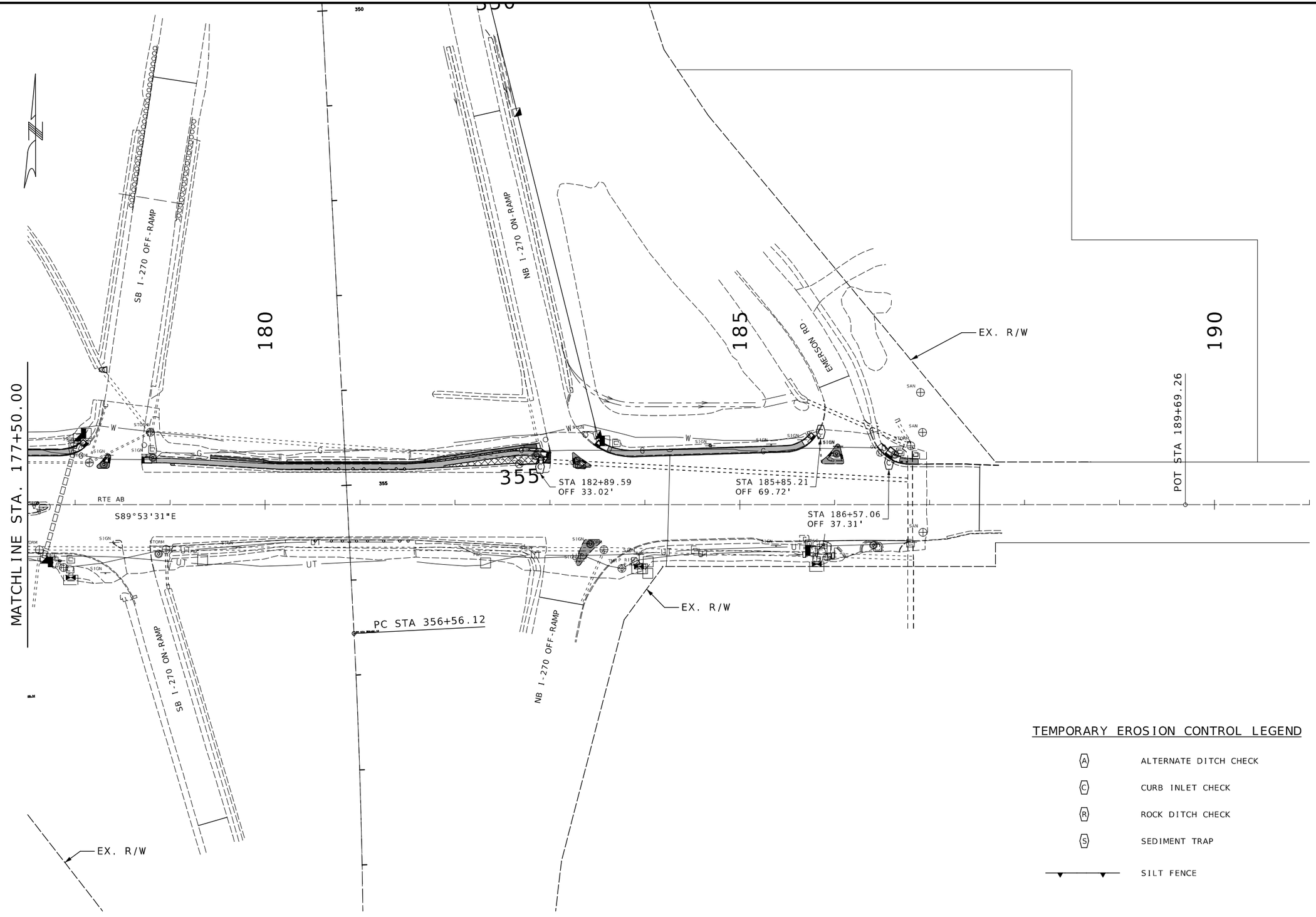
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

DRAINAGE AND EROSION CONTROL SHEET 7 OF 8



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

SCALE
0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:12:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	114

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

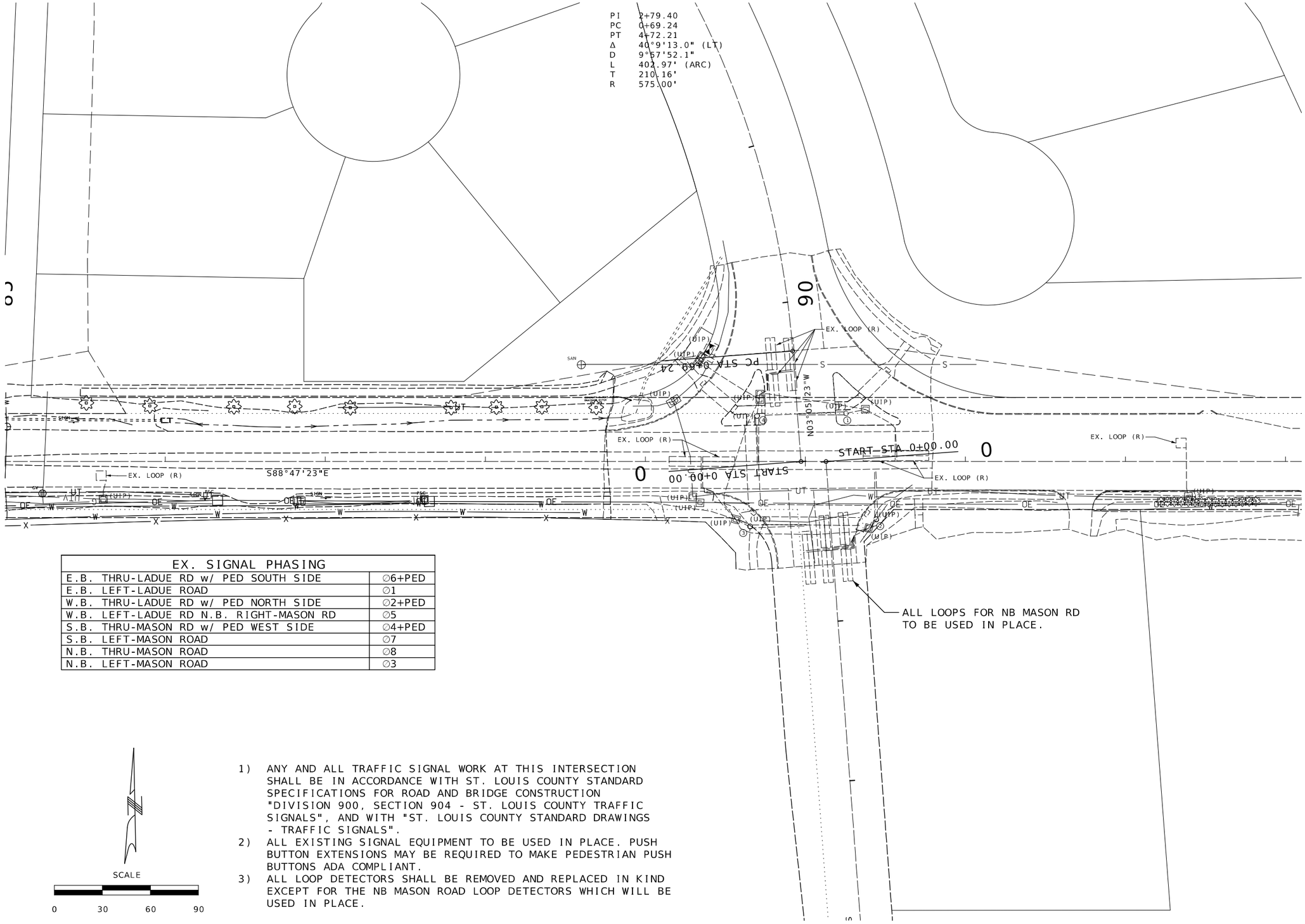
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

DRAINAGE AND EROSION CONTROL SHEET 8 OF 8



EX. SIGNAL PHASING	
E.B. THRU-LADUE RD w/ PED SOUTH SIDE	∅6+PED
E.B. LEFT-LADUE ROAD	∅1
W.B. THRU-LADUE RD w/ PED NORTH SIDE	∅2+PED
W.B. LEFT-LADUE RD N.B. RIGHT-MASON RD	∅5
S.B. THRU-MASON RD w/ PED WEST SIDE	∅4+PED
S.B. LEFT-MASON ROAD	∅7
N.B. THRU-MASON ROAD	∅8
N.B. LEFT-MASON ROAD	∅3

SCALE

0 30 60 90

1) ANY AND ALL TRAFFIC SIGNAL WORK AT THIS INTERSECTION SHALL BE IN ACCORDANCE WITH ST. LOUIS COUNTY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION "DIVISION 900, SECTION 904 - ST. LOUIS COUNTY TRAFFIC SIGNALS", AND WITH "ST. LOUIS COUNTY STANDARD DRAWINGS - TRAFFIC SIGNALS".
2) ALL EXISTING SIGNAL EQUIPMENT TO BE USED IN PLACE. PUSH BUTTON EXTENSIONS MAY BE REQUIRED TO MAKE PEDESTRIAN PUSH BUTTONS ADA COMPLIANT.
3) ALL LOOP DETECTORS SHALL BE REMOVED AND REPLACED IN KIND EXCEPT FOR THE NB MASON ROAD LOOP DETECTORS WHICH WILL BE USED IN PLACE.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/26/2024 2:20:55 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/26/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	115

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
MASON ROAD
EXISTING

PI 2+79.40
PC 0+69.24
PT 4+72.21
Δ 40°9'13.0" (LT)
D 9°57'52.1"
L 402.97' (ARC)
T 210.16'
R 575.00'

N MASON RD

NEW 6'x20' LOOP DETECTOR

NEW 6'x20' LOOP DETECTOR

NEW 6'x12' LOOP DETECTOR

RAISED ISLAND

NEW PUSHBUTTON EXTENSIONS

RAISED ISLAND

NEW 6'x6' LOOP DETECTOR

1.4 MI. TO NEXT SIGNAL ROUTE 141

(2) NEW PUSHBUTTON EXTENSIONS

RTE AB

NEW 6'x6' LOOP DETECTOR

S88°47'23"E

N03°47'23"W

START STA 0+00.00

1.6 MI. TO NEXT SIGNAL COEUR DE VILLE DR.

NEW 6'x20' LOOP DETECTOR

SM RADIUS

SM RADIUS

SM RADIUS

ADA RAMP LANDING
NEW PUSHBUTTON EXTENSIONS

NEW 6'x20' LOOP DETECTOR

ADA RAMP LANDING
(2) NEW PUSHBUTTON EXTENSIONS

S MASON RD

MASON ROAD LOOP DETECTION REPLACEMENT			
DETECTION ZONE	CENTER TO CENTER L.F.	DETECTOR 1c#14 IN-DUCT L.F.	COMMENTS
EB AB LEFT TURN BACK	37	273	
EB AB LEFT TURN FRONT	37	273	
EB AB THROUGH ADVANCED	31	149	
WB AB LEFT TURN BACK	43	287	
WB AB LEFT TURN FRONT	42	284	
WB AB THROUGH ADVANCED	12	112	
SB MASON LEFT TURN BACK	28	256	
SB MASON LEFT TURN FRONT	22	191	
SB MASON THROUGH BACK	19	238	
SB MASON THROUGH FRONT	15	231	
		114.7	5% FOR SNAKING
	TOTALS	2408.7	
	PAY TOTALS	2400	

POWDER COATING FOR PEDESTRIAN PUSH BUTTON EXTENSIONS	
MASON ROAD	6 EA

*SEE JSP FOR POWDER COATING DETAILS.

SCALE

0 30 60 90

1) ANY AND ALL TRAFFIC SIGNAL WORK AT THIS INTERSECTION SHALL BE IN ACCORDANCE WITH ST. LOUIS COUNTY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION "DIVSION 900, SECTION 904 - ST. LOUIS COUNTY TRAFFIC SIGNALS", AND WITH "ST. LOUIS COUNTY STANDARD DRAWINGS - TRAFFIC SIGNAL DETAILS".
2) ALL EXISTING LOOP DETECTORS EXCEPT FOR NB MASON RD LOOP DETECTORS SHALL BE REMOVED AND REPLACED IN KIND (SEE JSP). CABLE FOR LOOP DETECTORS SHALL BE REMOVED UP TO THE CLOSEST PULL BOX AND REPLACED WITH NEW (2) 1c#14 IN-DUCT CABLE.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/28/2024 12:55:40 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/28/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	116

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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

SIGNAL SHEET
MASON ROAD
PROPOSED

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	UNINT. POWER SUPPLY	
POWER SUPPLY	VIDEO DETECTOR	NEW CONDUIT (PUSHED)	
SIGNAL HEAD (PEDESTRIAN)	PUSH BUTTON DETECTOR	EX. CONDUIT	
SIGNAL HEAD (STANDARD)	PREFORMED PULL BOX	MAST ARM	
		ZONE ##	DETECTION ZONE

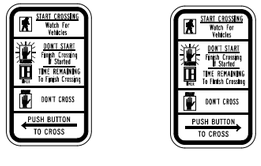
SCHOOL

COEUR DE VILLE
20 MPH
-0.7%

MODOT R/W

NEW AUDIBLE PED. PUSH BUTTONS,
PEDESTRIAN SIGNS,
COUNTDOWN PED. HEADS,
NEW 8' TOP MOUNT POST AT NW INTERSECTION
OPTIONAL DETECTION WHERE REPAVING IS DONE
*UIP ALL OTHER SIGNAL EQUIPMENT
UNLESS NOTED OTHERWISE

EX. GAS PIPE
EX. ROW
EX. SLOPE LINES
5.66' SIDEWALK
R&R WITH CLASS 2 PB
10.5'
11.5'
ZONE 81
ZONE 80
6' SIDEWALK
REMOVE PULLBOX
617.8268
EX. GAS PIPE
VAR.
8600' TO NEXT SIGNAL
MASON AVE
60' R
81' R
53' R
72' R
EX. RAISED ISLAND (UIP)
ZONE 62
ZONE 61
ZONE 10
11.5'
11'
12'
10.5'
LADUE RD
4.4%
40 MPH
EX. RAISED MEDIAN (UIP)
11'
11'
12.5'
250' TO NEXT SIGNAL
I-270 SB RAMPS
VAR.
ZONE 50
10.5'
ZONE 20
11'
ZONE 21
11.5'
ZONE 22
LADUE RD
40 MPH
-4.8%
SM RADIUS
RELOCATE
EX. ROW
LG RADIUS
LG RADIUS
EX. SLOPE LINE
6' SIDEWALK
(UIP)
ZONE 41
18.5'
EX. FIBER (UIP)
EX. CCTV (UIP)
EX. ROW
R&R SIGNAL CABINET AND CONTROLLER WITH NEW TS2 (UIP EX. CONC BASE)
BEACON HILL LN
20 MPH
-3.1%
EX. ITS FIBER, CONDUIT AND PULL BOXES ARE TO BE USED IN PLACE EXCEPT FOR LOCATIONS ADDRESSED IN ITS PLANS.
RESIDENTIAL
RESIDENTIAL



R10-3eL (S1)

R10-3eR (S2)

1) SEE JSP FOR POWDER COAT ITEMS AND SPECIFICATIONS.

SCALE
0 20 40 60

INTERSECTION
LADUE RD AT COEUR DE VILLE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/28/2024 12:55:26 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/28/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	117

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE AB @
COEUR DE VILLE

CONDUIT

FROM	TO	CTR TO CTR DISTANCE	PUSHED 3″	TRENCHED 3″
PB 3	PB 4	70	68	
PB 3	POST 4	17		18
	ALL OTHER CONDUIT			
	USE IN PLACE			
SUBTOTAL			68	18
TOTAL			68	18

CABLE

FROM	TO	CTR TO CTR DISTANCE	LOOPS INDUCTION 1c-#14	LOOPS LEAD-IN 2c-#14	CONTROL 2c-#16	CONTROL 5c-#16	CONTROL 7c-#16	REMARKS
CA	PHP1	98				129		
CA	PBD2	98			128			
CA	PHP2	226				262		
CA	PBD1	226			261			
CA	PHP3	226				262		
CA	PBD4	226			261			ALL OTHER CABLE USE IN PLACE
CA	PHP4	280				322		
CA	PBD3	280			321			
					49	49		5% FOR SNAKING
					1020	1024		
					1020	1030		

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	STATION	OFFSET	BASE TYPE C	BASE TYPE STANCHION TUBE FOR ADA	CONCRETE** (CU. YDS.)	PULL BOX PREFORMED CLASS 2	PREFORMED CLASS 3	PREFORMED CLASS 5	CONCRETE STANDARD	DRAIN TYPE* I	DRAIN TYPE* II A	II B	II C	POST TOP MOUNT POST 8 FT.	POST TOP MOUNT POST 15 FT.	STANCHION TUBE FOR ADA
	3	68.3' LT	175+60.7					1				1						
4		53.6' LT	175+52.7			1	0.44									1		
				ALL OTHER EXISTING BASE, POLES AND PULL BOXES UIP														
					SUBTOTAL		0.44	1								1		
					TOTAL		0.44	1								1		

DETECTOR SCHEDULE

APPROACH	DETECTOR NUMBER	DETECTOR ZONE	TYPE AUDIBLE PEDESTRIAN PUSH BUTTON	TYPE OPTIONAL DETECTION
	D1	SB PED - W SIDE CROSSING LADUE RD	1	
	D2	NB PED - W SIDE CROSSING LADUE RD	1	
	D3	WB PED - N SIDE CROSSING COEUR DE VILLE	1	
	D4	EB PED - N SIDE CROSSING COEUR DE VILLE	1	
	20,21,22	EB THRU		1
	50	EB LT TURN		1
	61,62	WB THRU		1
	10	WB LT TURN		1
	80,81	SB THRU/LT TURN		1
	41	NB THRU/LT TURN		1
			4	
		TOTAL		*

USE EXISTING PEDESTRIAN PHASING

* FOR INFORMATION ONLY

SIGNAL DETECTION

INTERSECTION	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM
COEUR DE VILLE DR	1.0 EACH

SIGNAL SIGNS

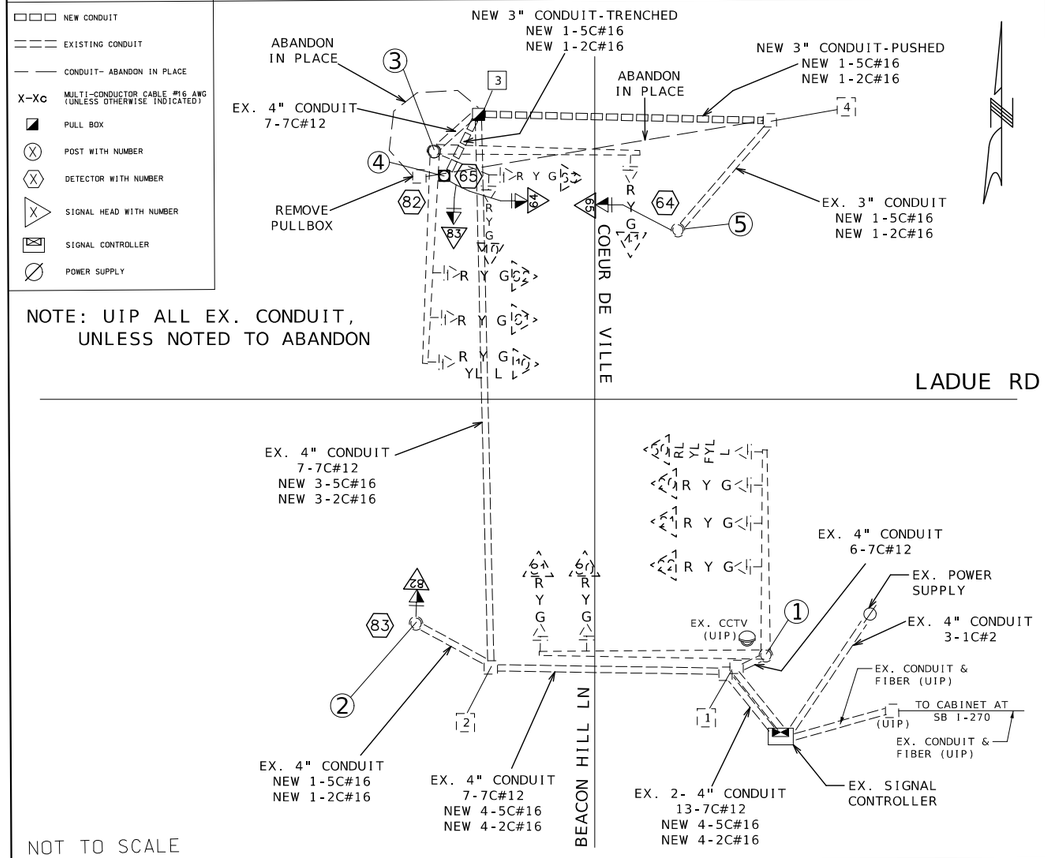
QUANTITY	MUTCD SIGN NUMBER	SIZE INCHES	AREA SQ.FT.	SIGN TOTAL AREA ITEM NO. 90208.33 SQ.FT.	SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34 EA.
1	R10-3eL	9 X 15	0.9	0.9	1
3	R10-3eR	9 X 15	0.9	2.7	3
			ALL OTHER SIGNS USE IN PLACE		
			SUBTOTAL	3.6	4
			TOTAL	3.6	4

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

LEGEND

- NEW CONDUIT
- EXISTING CONDUIT
- CONDUIT- ABANDON IN PLACE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- PULL BOX
- POST WITH NUMBER
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY

WIRING DIAGRAM



NOTE: UIP ALL EX. CONDUIT, UNLESS NOTED TO ABANDON

NOT TO SCALE

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø 1 EBT	Ø 2 WBT	N/A	Ø 4 NBT NBL	Ø 5 WBL	Ø 6 EBT	N/A	Ø 8 SBT SBL	Ø 1 OLA FYA	N/A	Ø 5 OLC FYA	N/A	Ø 2 PED	N/A	N/A	Ø 8 PED

SIGNAL HEADS

POST NUMBER	FACE NUMBER	VISORS* 12″	VISORS* PED.	BRACKET* TYPE I	BACKPLATE* LENSES 1	2	3	4	ONE-FACE 1- T	S	C	B	ONE-FACE 5- T	S	C	B
2	P1	1	1	1						1						
4	P2	1	1	1						1						
4	P3	1	1	1						1						
5	P4	1	1	1						1						
SUBTOTAL CONVENTIONAL																
SUBTOTAL COUNTDOWN										4						
TOTAL CONVENTIONAL																
TOTAL COUNTDOWN										4						

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION APPROACH	STATION	OFFSET	SYSTEM MASTER (CLOSED LOOP) NEMA	SYSTEM MASTER (CLOSED LOOP) 170	ACTUATED NEMA	ACTUATED 170	ON-OFF* SWITCH TYPE I	ON-OFF* SWITCH TYPE II	COORDINATION INTERFACE * 12C/7C HARDWIRE (1) MASTER	12C/7C HARDWIRE (1) LOCAL	TIME BASE	CLOSED LOOP NEMA	CLOSED LOOP 170	FIBER	TIME * CLOCK	NEMA CABINET TYPE * E	NEMA CABINET TYPE * EV	NEMA CABINET TYPE * DOUBLE	170 CABINET TYPE * 332	170 CABINET TYPE * 336S	170 SOFTWARE * BITRAN	170 SOFTWARE * WAPITI
EB RTE AB	176+33	81' RT			1									1			1					

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

LADUE RD @ COEUR DE VILLE

INTERSECTION

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:14:56 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	118

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
COEUR DE VILLE

COUER DE VILLE DR

I-270 SB OFF-RAMP (1-WAY) -4.0%

EX. STANCHION POST (R)

℄ I-270

180

EX. ISLAND (R)

EX. SIGNAL POST (R)

290' TO NEXT SIGNAL
COEUR DE VILLE DR.

LADUE RD

355

2.8% 35 MPH

S89°53'31"E

LADUE RD

40 MPH -2.8%

(UIP) ISLAND

440' TO NEXT SIGNAL
I-270 NB RAMPS

EX. SIGNAL POST (R)

EX. FIBER

EX. R/W

EX. PULLBOX (R)

EX. CONTROLLER (R)

*ALL EXISTING CONDUIT TO BE ABANDONED.

I-270 SB ON-RAMP (1-WAY) 60 MPH

PC STA 356+56.12

PC STA 2+03.74

EXISTING LAYOUT
LADUE RD AT I-270 SB RAMPS

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 1:15:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	119

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS

TRAFFIC SIGNALS LEGEND

CONTROLLER	CCTV CAMERA	UNINT. POWER SUPPLY	
POWER SUPPLY	VIDEO DETECTOR	NEW CONDUIT (PUSHED)	
SIGNAL HEAD (PEDESTRIAN)	PUSH BUTTON DETECTOR	NEW CONDUIT (TRENCHED)	
SIGNAL HEAD (STANDARD)	PREFORMED PULL BOX	MAST ARM	
		ZONE ##	DETECTION ZONE

1) SEE JSP FOR POWDER COAT ITEMS AND SPECIFICATIONS.

COUER DE VILLE DR

MODOT R/W

LEFT TURN YIELD ON FLASHING ARROW
R10-27a

NEW CLASS 1 PULLBOX STA 178+34 (51' LT)
NEW TYPE C SIGNAL BASE W/ 8' PEDESTRIAN POST STA 178+33 (43' LT)
PR. LIGHTING PULL BOX
NEW CLASS 2 PULLBOX STA 177+91 (66' LT)
NEW TYPE A SIGNAL BASE W/ 55' MAST ARM STA 177+89 (61' LT)
R6-1L
R6-1R
M1-5a
M6-4

I-270 SB OFF-RAMP (1 WAY) -4.0%

ZONE 3P
ZONE 3P

(NEW) ONE WAY R6-1R
ONE WAY R6-1L (REL)
AB
M1-5a (REL)
M6-4 (REL)
SEE SIGN PLANS

MODOT R/W

STATE CROSSING Watch For Vehicles
DON'T STARE! Flash, Crossing Started
DO NOT REMAIN To Finish Crossing
DON'T CROSS
PUSH BUTTON TO CROSS

R10-3eL
S1

℄ I-270

NEW CLASS 1 PULLBOX STA 178+77 (56' LT)
NEW TYPE C SIGNAL BASE W/ 8' PEDESTRIAN POST STA 178+73 (51' LT)

180

290' TO NEXT SIGNAL
COEUR DE VILLE DR.

R-Y-S
R-Y-S
R10-27a
RL-YL-FYL-L

NEW RAISED CONC. ISLAND

47' R

ZONE 23
ZONE 22
ZONE 51

LADUE RD
2.8% 35 MPH

℄ RT AB

R-Y-G
R3-2
R-Y-G
R-Y-G
43' R

R-Y-L-Rt
R-Y-L

ZONE 64
ZONE 65

440' TO NEXT SIGNAL
I-270 NB RAMPS

EX. RAISED MEDIAN CONC. AND LANDSCAPING (UIP)

LADUE RD
40 MPH -2.8%

EX. RAISED MEDIAN CONC. AND LANDSCAPING (UIP)

EX RAISED CONC. ISLAND (UIP)

POWER SOURCE

PR. LIGHTING PULL BOX
NEW CLASS 3 PULLBOX STA 178+09 (69' RT)
NEW TS2-TYPE 1 TRAFFIC CABINET STA 178+07 (75' RT)
NEW POWER SUPPLY STA 178+18 (75' RT)
EX. FIBER & CONDUIT (UIP)

NEW TYPE A SIGNAL BASE W/ 50' LEFT MAST ARM AND 35' RIGHT MAST ARM STA 178+92 (52' RT)
NEW CLASS 2 PULLBOX STA 178+88 (56' RT) EX. PULL BOX (R)

*ALL EXISTING CONDUIT TO BE ABANDONED.

RESIDENTIAL

EX. R/W

I-270 SB ON-RAMP (1 WAY) 60 MPH

R3-2

Ladue Rd
D3-1

MODOT R/W

PC STA 356+36.12

EX. ITS FIBER, CONDUIT AND PULL BOXES ARE TO BE USED IN PLACE EXCEPT FOR LOCATIONS ADDRESSED IN ITS PLANS.

MODOT R/W

SCALE
0 20 40 60

INTERSECTION
LADUE RD AT I-270 SB RAMPS

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/28/2024 12:55:18 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/28/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	120

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS

EFFECTIVE: 07/01/2018

BASE

POST NUMBER	PULL BOX NUMBER	LOCATION APPROACH	LOCATION STATION	LOCATION OFFSET	A 9	A 9.5	A 10	A 10.5	A 11	A 12	F 9	F 9.5	F 10	F 10.5	F 11	F 12	C	CONCRETE** (CU. YDS.)
		CONTROLLER	(AS REQ'D)															
1		ROUTE AB	177+89	61' LT				1										2.75
2		ROUTE AB	178+33	43' LT													1	0.44
3		ROUTE AB	178+73	51' LT													1	0.44
4		ROUTE AB	178+92	52' RT						1								3.14
	1	ROUTE AB	178+09	69' RT														
	2	ROUTE AB	177+91	66' LT														
	3	ROUTE AB	178+34	51' LT														
	4	ROUTE AB	178+77	56' LT														
	5	ROUTE AB	178+88	56' RT														
SUBTOTAL																		6.77
TOTAL																		6.8

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
		1					1			
	1						1			
1							1			
	1						1			
2	2	2					4			
2	2	2					4			

POST

TOP MOUNT POST 8 FT.	TOP MOUNT POST 15 FT.	TYPE C & CL ARM LENGTH A	TYPE C & CL SIGNAL SPACING A	TYPE C & CL SIGNAL SPACING A	TYPE C & CL SIGNAL SPACING A	TYPE C & CL SIGN SPACING B	TYPE C & CL SIGN SPACING C	TYPE C & CL SIGN SPACING D	TYPE C & CL SIGN SPACING D'
		55				30	11	12	
1									
1									
2		55				30	11	12	
2		55				30	11	12	

TYPE C & CL SIGN SPACING B	TYPE C & CL SIGN SPACING C	TYPE C & CL SIGN SPACING D	TYPE C & CL SIGN SPACING D'
49			
49			
49			

TYPE B & BL ARM LENGTH E	K	E	K	E	K
50	35				
1					
1					

TYPE B & BL LEFT ARM E SIGNAL SPACING F	G	H	H'	SIGN SPACING F	G	H	H'
23	11	12		41			
23	11	12		41			
23	11	12		41			

TYPE B & BL RIGHT ARM K SIGNAL SPACING L	M	N	N'	SIGN SPACING L	M	N	N'	INCLUDED ANGLE
25	8			19				90
25	8			19				90
25	8			19				90

LUMINAIRE BRACKET ARM* 4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.

SIGNAL HEADS

| SPAN NUMBER | POST NUMBER | FACE NUMBER | LUMINAIRE 150W SODIUM | INDICATIONS * 12" LENS CONVENTIONAL R | RL | Y | YL | FYL | FYR | G | S | L | Rt | INDICATIONS * 12" LENS OPTICAL LIMITING R | Y | YL | YRt | YL | YRt | G | S | L | Rt | VISORS * 12" LENS | VISORS * PED. | LOUVERS * A | B | C | D | E | F | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | RETROREFLECTIVE BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | ONE-FACE SECTION 1- T | S | C | B | 3- T | S | C | B | 4- T | S | C | B | 5- T | S | C | B | TWO-FACE SECTIONS 11- T | S | B | 33- T | S | C | B | 34- S | B | 35- S | B | 44- S | B | 45- S | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

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	117		(125)												INCL IN COST OF UPS
UPS	CA	11		19												
CA	PB1	7			10											
CA	PB1	7			10											
PB1	PB2	136						134								
PB2	P1	6			9											
PB1	PB5	81						79								
PB5	P4	6			9											
PB5	PB4	113						111								
PB4	P3	6			9											
PB4	PB3	46						44								
PB3	P2	9			12											
SUBTOTALS				19	59			368								
TOTALS				19	59			368								

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	UPS	117	(480)													3x120' INCL IN COST OF UPS
UPS	CA	11		81												3x27'
CA	H22	148					232									
CA	H23	148					221									
CA	H51	148					243									
CA	H32	93					160									
CA	H33	93					168									
CA	H63	93					181									
CA	H64	93					170									
CA	H65	93					159									
CA	PH24	250				292										
CA	PB25	250			291											
CA	PH25	205				241										
CA	PB24	205			240											
				5	27	27	77									5% FOR SNAKING
SUBTOTALS				86	558	560	1609									
TOTALS				90	560	560	1610									

INTERSECTION I-270 SB @ ROUTE AB

D-37B

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:15:51 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	122

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY	CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
				CONTROLLER		POWER SUPPLY DISCONNECT					
						MAIN BREAKER					
APPROACH	STATION	OFFSET	DUAL METER PAD MOUNTED COMBINATION SIGNAL/LIGHTING POWER SUPPLY W/UPS	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
EB RTE AB	178+18	75' RT	1	15 Amps	35 Amps	100 Amps	100 Amps	1	15 Amps	CI. Ft.	AMEREN (EX. POLE)
				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									
APPROACH	STATION	OFFSET	NEMA	170	NEMA	170	I	II	MASTER	LOCAL		NEMA	170	FIBER		E	EV	DOUBLE	332	336S	BITRAN	WAPITI
EB RTE ABE	178+07	75' RT			1									1			1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	22	23	32	33				
	2	51	63	64	65				

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
N/U	Ø 2 WBT	Ø 3 SBL	N/U	Ø 5 WBL	Ø 6 EBT	N/U	N/U	N/U	N/U	Ø 5 OLC FYA WBL	N/U	Ø 2 PED	N/U	N/U	N/U

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		
1	R3-2	24 X 24	4.0	4.0	1
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
	D3-#	VAR. X 18			
1	D3-1	60 X 18	7.5	7.5	1
	R10-3ER	9 X 15	0.9		
2	R10-3EL	9 X 15	0.9	1.8	2
	R10-11A	36 X 24	6.0		
	R10-12	24 X 30	5.0		
	R10-15R	30 X 30	6.25		
1	R10-27A	30 X 36	7.5	7.5	1
			SUBTOTAL	20.8	5
			TOTAL	20.8	5

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			SEE JSP
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
ZONE 22	WB RTE AB					1
ZONE 23	WB RTE AB					1
ZONE 32	SB I-270 OFF RAMP					1
ZONE 33	SB I-270 OFF RAMP					1
ZONE 51	WB RTE AB					1
ZONE 64	EB RTE AB					1
ZONE 65	EB RTE AB					1
D24	EB PED - NORTH	1				
D25	WB PED - NORTH	1				
						**
TOTAL		2				

* 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.

SIGNAL DETECTION

INTERSECTION	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM EA
SB I-270 RAMPS	1.0

** FOR INFORMATION ONLY

170 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U														
	L														
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

170 OUTPUT FILE ASSIGNMENTS

FR1								MONITOR
FR2								
FR3								
FR4								

170 AUXILIARY OUTPUT FILE

FR5							X
FR6							

SB I-270 RAMPS @ RTE AB
INTERSECTION

D-37C

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 1:16:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/5/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 123
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

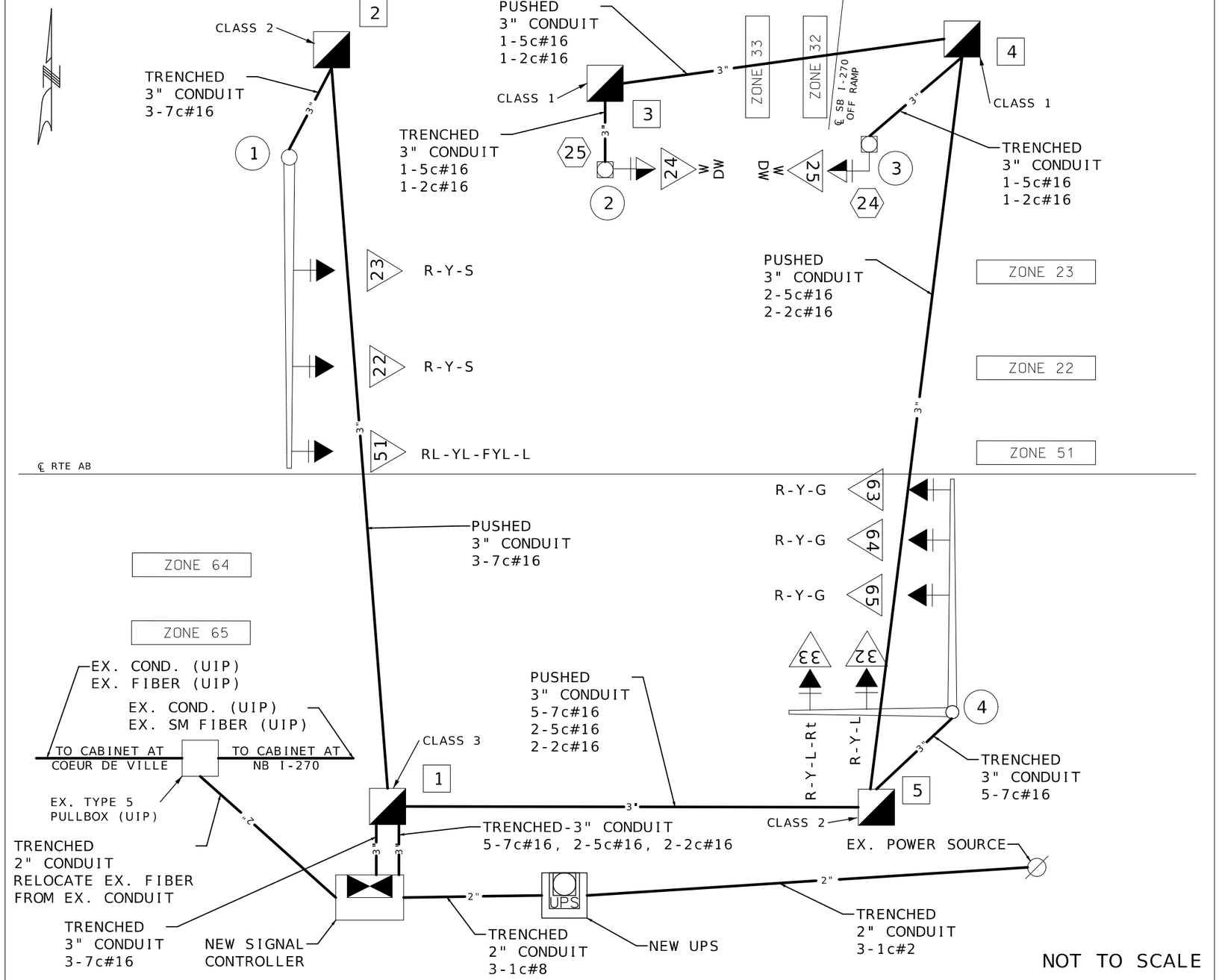
DESCRIPTION | DATE

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS

EFFECTIVE 12-01-17

WIRING DIAGRAM



NOT TO SCALE

LEGEND

3"	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
X-Xc	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
X	PULL BOX WITH NUMBER
X	POST WITH NUMBER
X	POST WITH MAST ARM
X	POST WITH MAST ARM AND LUMINAIRE
X	DETECTOR WITH NUMBER
X	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER
UPS	POWER SUPPLY

SB I-270 RAMPS @ ROUTE AB

INTERSECTION

D-37D

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:16:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	124

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

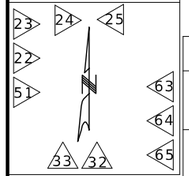
DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS

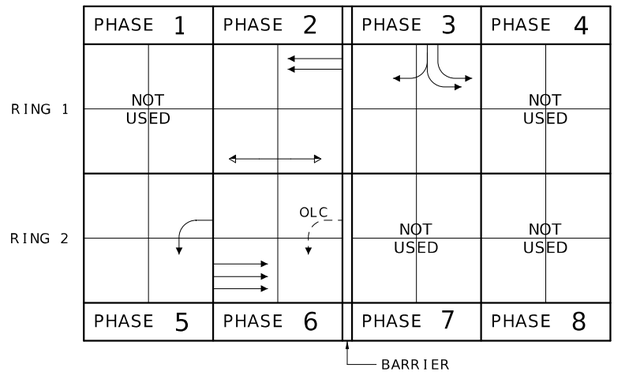
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø OVERLAP A	PED Ø OVERLAP B	PED Ø OVERLAP C		PED Ø 2 OVERLAP				
	NOT USED		NOT USED	NOT USED		NOT USED	NOT USED	NOT USED	NOT USED	NOT USED		NOT USED		NOT USED	NOT USED	NOT USED	
FACE NUMBERS		22 23	32 33		51	63 64 65					51		24 25				FACE NUMBERS
SIGNAL INDICATIONS R		R R	R R		R	R R R					R		DW DW				R
SIGNAL INDICATIONS Y		Y Y	Y Y		YL	Y Y Y					YL						Y
SIGNAL INDICATIONS FYA					FYA						FYA						FYA
SIGNAL INDICATIONS G		S S	L L		L	G G G					L		W W				G
			Rt		G						G						SIGNAL INDICATIONS
DETECTOR ASSIGNMENTS		22 23	32 33		51	63 64 65											DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)													25 24				
OVERLAP PARENT PHASES											6						



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
LADUE RD	FR
I-270 SB	FR

CONTROLLER TYPE	TS2

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
LY -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF RTE AB

WITH SB I-270 RAMPS

D-38A

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:16:24 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	125

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

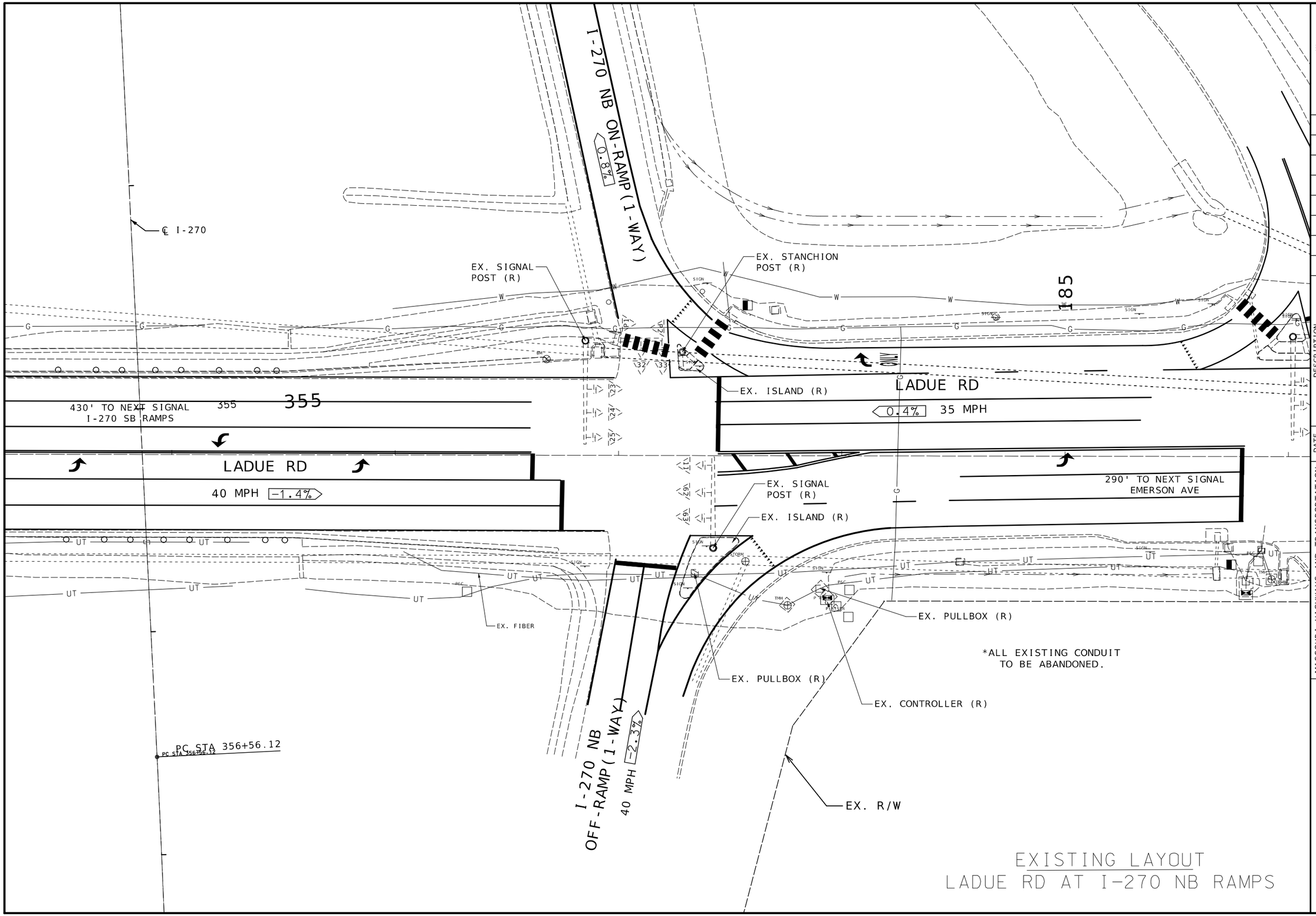
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
SB I-270 RAMPS



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:30:16 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	126

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
NB I-270 RAMPS

TRAFFIC SIGNALS LEGEND

CONTROLLER (EXISTING)	CCTV CAMERA	UNINT. POWER SUPPLY	
POWER SOURCE	VIDEO DETECTOR	NEW CONDUIT (PUSHED)	
SIGNAL HEAD (PEDESTRIAN)	PUSH BUTTON DETECTOR	NEW CONDUIT (TRENCHED)	
SIGNAL HEAD (STANDARD)	PREFORMED PULL BOX	MAST ARM	
		ZONE ##	DETECTION ZONE

1) SEE JSP FOR POWDER COAT ITEMS AND SPECIFICATIONS.

MODOT R/W

MODOT R/W

℄ I-270

NO TURN ON RED

R10-11a

R3-2

I-270 NB ON-RAMP (1-WAY)

0.8%

NEW CLASS 2 PULLBOX STA 182+82 (69' LT)

NEW TYPE A SIGNAL BASE W/ 55' LEFT MAST ARM AND 35' RIGHT MAST ARM STA 182+83 (58' LT)

D3-1

R10-11a

NEW CLASS 2 PULLBOX STA 183+26 (52' LT)

NEW TYPE C SIGNAL BASE W/ 8' PEDESTRIAN POST STA 183+29 (49' LT)

I-270

R10-3eR

R10-3eL

R-Y-G

R-Y-G

R-Y-G

40'R

NEW RAISED CONC. ISLAND

R10-27A

RL-YL-FYL-L

37'R

R-Y-S

R-Y-S

NEW RAISED CONC. ISLAND

R6-1L
R6-1R
M1-5A
M6-4

ZONE 23

ZONE 24

ZONE 25

LADUE RD

0.4%

35 MPH

℄ RT AB

290' TO NEXT SIGNAL EMERSON AVE

430' TO NEXT SIGNAL I-270 SB RAMPS

355

LADUE RD

40 MPH

-1.4%

ZONE 11

ZONE 62

ZONE 63

ZONE 32

ZONE 33

EX. FIBER AND CONDUIT (UIP)

NEW TYPE A SIGNAL BASE W/ 45' LEFT MAST ARM STA 183+38 (43' RT)

NEW POWER SUPPLY STA 183+92 (84' RT)

NEW TS2-TYPE 1 TRAFFIC CABINET STA 183+71 (89' RT)

NEW CLASS 3 PULLBOX STA 183+66 (84' RT)

NEW CLASS 2 PULLBOX EX. PULLBOX (R) STA 183+34 (53' RT)

EX. R/W

EX. ITS

EX. R/W

EX. R/W

ONE WAY

R6-1R (REL)

ONE WAY

R6-1L (REL)

AB

M1-5a (REL)

M6-4 (REL)
SEE SIGN PLANS

LEFT TURN YIELD ON FLASHING ARROW

R10-27a

Ladue Rd

D3-1

START CROSSING Watch For Vehicles

DON'T START Finish Crossing If Started

TIME REMAINING To Finish Crossing

DON'T CROSS

PUSH BUTTON TO CROSS

R10-3eL

S1

R10-3eR

S2

PC STA 356+56.12

PC STA 356+56.12

MODOT R/W

EX. ITS FIBER, CONDUIT AND PULL BOXES ARE TO BE USED IN PLACE EXCEPT FOR LOCATIONS ADDRESSED IN ITS PLANS.

I-270 NB OFF-RAMP (1-WAY)

-2.3%

40 MPH

RESIDENTIAL

SCALE

0 20 40 60

INTERSECTION
LADUE RD AT I-270 NB RAMPS

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/28/2024 12:55:07 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/28/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	127

COUNTY: ST. LOUIS

JOB NO.: J6S3633

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
NB I-270 RAMPS

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 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	UPS	27		(35)													INCL IN COST OF UPS
UPS	CA	22		30													
CA	PB1	7			10												
CA	PB1	7			10												
PB1	PB2	45							43								
PB2	P1	10			13												
PB1	PB3	142							140								
PB3	P2	5			6												
PB3	PB4	47							45								
PB4	P3	11			12												
SUBTOTALS				30	51				228								
TOTALS				30	51				228								

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	UPS	27	(210)													3x70' INCL IN COST OF UPS
UPS	CA	22		114												3x38'
CA	H11	58					136									
CA	H62	58					124									
CA	H63	58					113									
CA	H23	206					284									
CA	H24	206					292									
CA	H25	206					303									
CA	H32	206					274									
CA	H33	206					284									
CA	PH22	206				242										
CA	PB21	206			235											
CA	PH21	153				183										
CA	PB22	153			188											
SUBTOTALS			120	444	446	1901										
TOTALS			120	450	450	1910										
			6	21	21	91										5% FOR SNAKING

INTERSECTION I-270 NB @ ROUTE AB

D-37B

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:31:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	129

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
NB I-270 RAMPS

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY	CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
				CONTROLLER		POWER SUPPLY DISCONNECT					
						MAIN BREAKER					
APPROACH	STATION	OFFSET	DUAL METER PAD MOUNTED COMBINATION SIGNAL/LIGHTING POWER SUPPLY W/UPS	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	SIGNALS	LIGHTING	120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
EB RTE AB	183+71	89' RT	1	15 Amps	35 Amps	100 Amps	100 Amps	1	15 Amps	CI. Ft.	AMEREN (EX. POLE)
				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
EB RTE AB	183+92	84' RT			1									1			1					

NEMA DETECTOR ASSIGNMENT

		CARD POSITION							
		1	2	3	4	5	6	7	8
CHANNEL	1	11	23	24	25				
	2	32	33	62	63				

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø 1 EBL	Ø 2 WBT	Ø 3 NBL	N/U	N/U	Ø 6 EBT	N/U	N/U	Ø 1 OLA FYA EBL	N/U	N/U	N/U	Ø 2 PED	N/U	N/U	N/U

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		
1	R10-11a	30 X 36	7.5	7.5	1
	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		
1	R3-2	24 X 24	4.0	4.0	1
	R6-1L	18 X 54	6.75		
	R6-1R	18 X 54	6.75		
	D3-#	VAR. X 18			
1	D3-1	60 X 18	7.5	7.5	1
1	R10-3ER	9 X 15	0.9	0.9	1
1	R10-3EL	9 X 15	0.9	0.9	1
	R10-11A	36 X 24	6.0		
	R10-12	24 X 30	5.0		
	R10-15R	30 X 30	6.25		
1	R10-27A	30 X 36	7.5	7.5	1
	SUBTOTAL			28.3	6
	TOTAL			28.3	6

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			SEE JSP
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
ZONE 11	EB RTE AB LEFT TL					1
ZONE 23	WB RTE AB					1
ZONE 24	WB RTE AB					1
ZONE 25	WB RTE AB					1
ZONE 32	NB I-270 TL1					1
ZONE 33	NB I-270 TL2					1
ZONE 62	EB RTE AB					1
ZONE 63	EB RTE AB					1
D21	EB PED - NORTH	1				
D22	WB PED - NORTH	1				
						**
TOTAL		2				

** FOR INFORMATION ONLY.

SIGNAL DETECTION

INTERSECTION	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM EA
NB I-270 RAMPS	1.0

* 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.

170 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U														
	L														
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

170 OUTPUT FILE ASSIGNMENTS

FR1								MONITOR
FR2								
FR3								
FR4								

170 AUXILIARY OUTPUT FILE

FR5							X
FR6							

NB I-270 RAMPS @ RTE AB

INTERSECTION

D-37C

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/10/2024 3:31:21 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	130

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

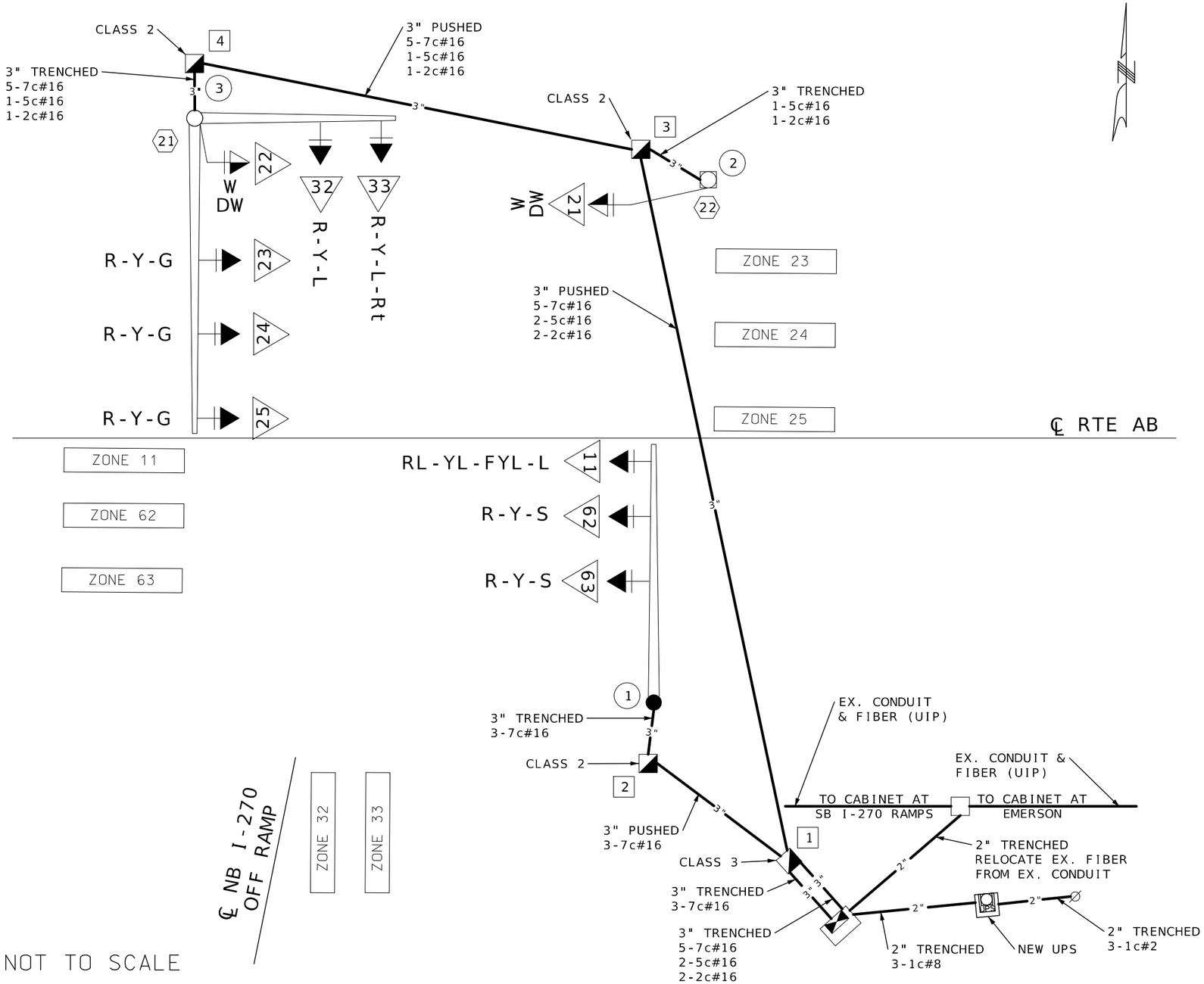
DESCRIPTION | DATE

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

SIGNAL SHEET
ROUTE AB @
NB I-270 RAMPS

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
UPS	POWER SUPPLY

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:31:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	131

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL SHEET
ROUTE AB @
NB I-270 RAMPS

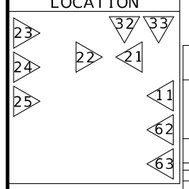
NB I-270 RAMPS @ RTE AB

INTERSECTION

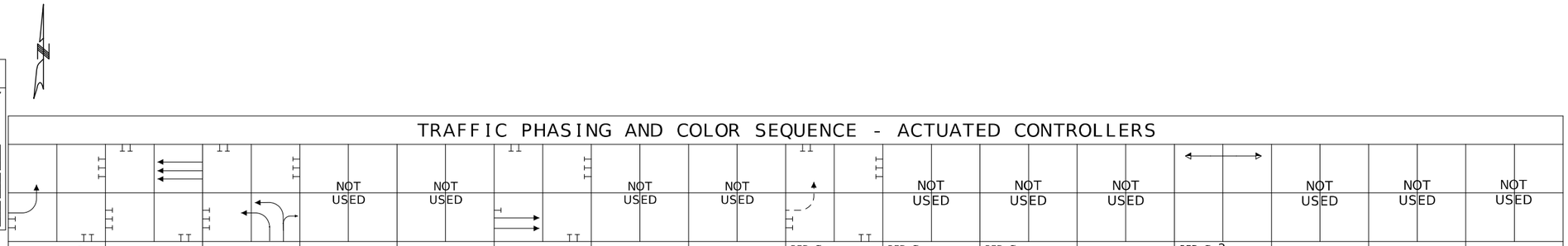
D-37D

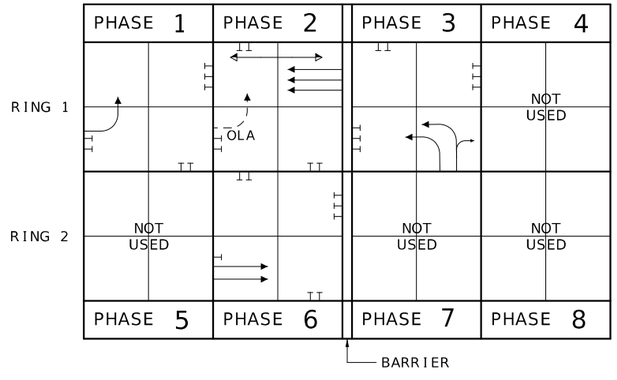
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS





RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
LADUE RD	FR
I-270 NB	FR

CONTROLLER TYPE	TS2

LEGEND

- → — ACTUATED VEHICULAR MOVEMENT
- - - → — PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ⇢ — NON-ACTUATED VEHICULAR MOVEMENT
- ⇢ — PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- → — ACTUATED PEDESTRIAN MOVEMENT
- ⇢ — NON-ACTUATED PEDESTRIAN MOVEMENT
- —|— VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YRt — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF RTE AB

WITH NB I-270 RAMPS

D-38A

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:31:39 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	132

COUNTY: ST. LOUIS

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JEFFERSON CITY, MO 65102
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SIGNAL SHEET
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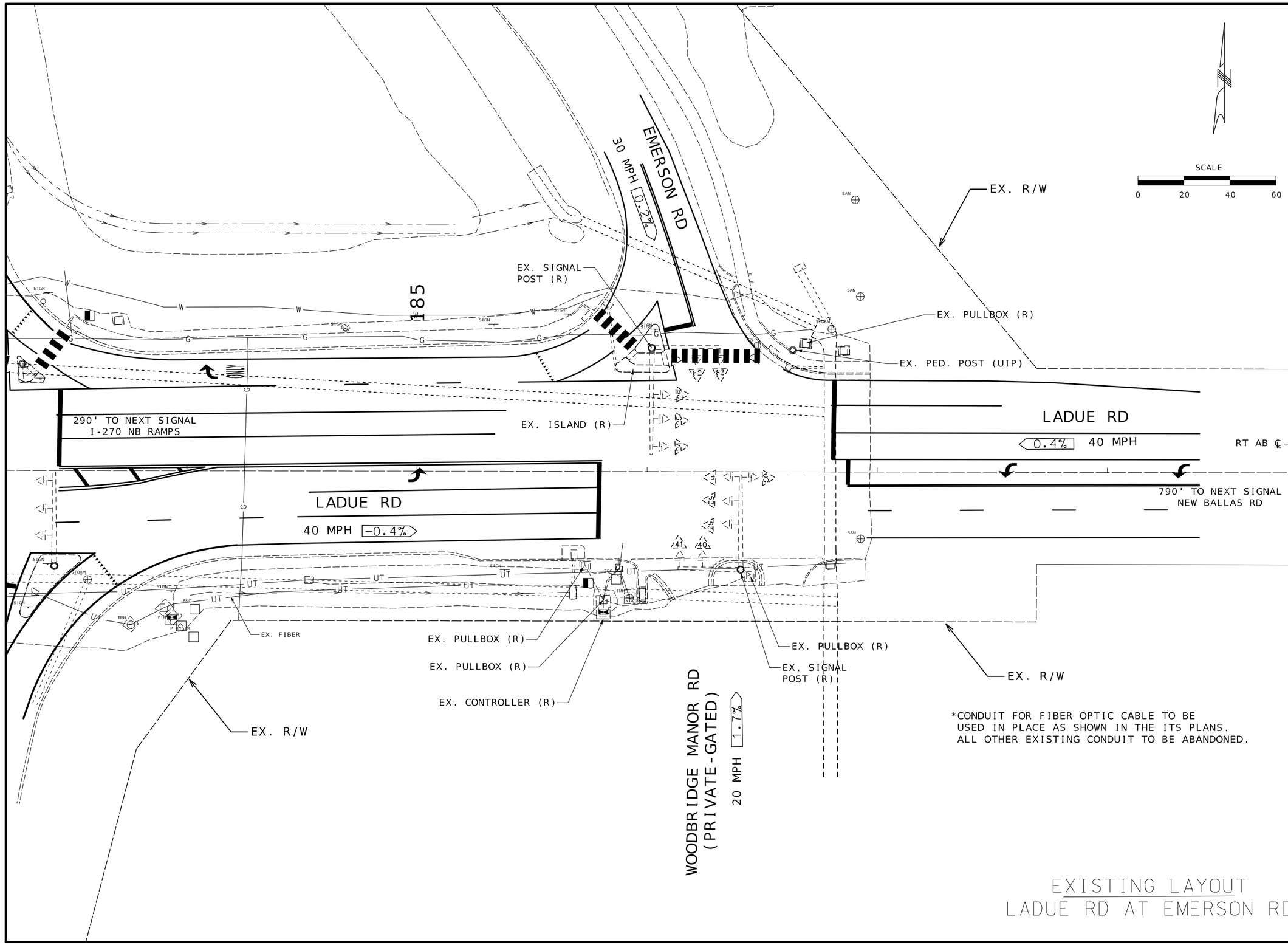

EXISTING LAYOUT
LADUE RD AT EMERSON RD

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:31:51 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	133

COUNTY
ST. LOUIS

JOB NO.
J6S3633

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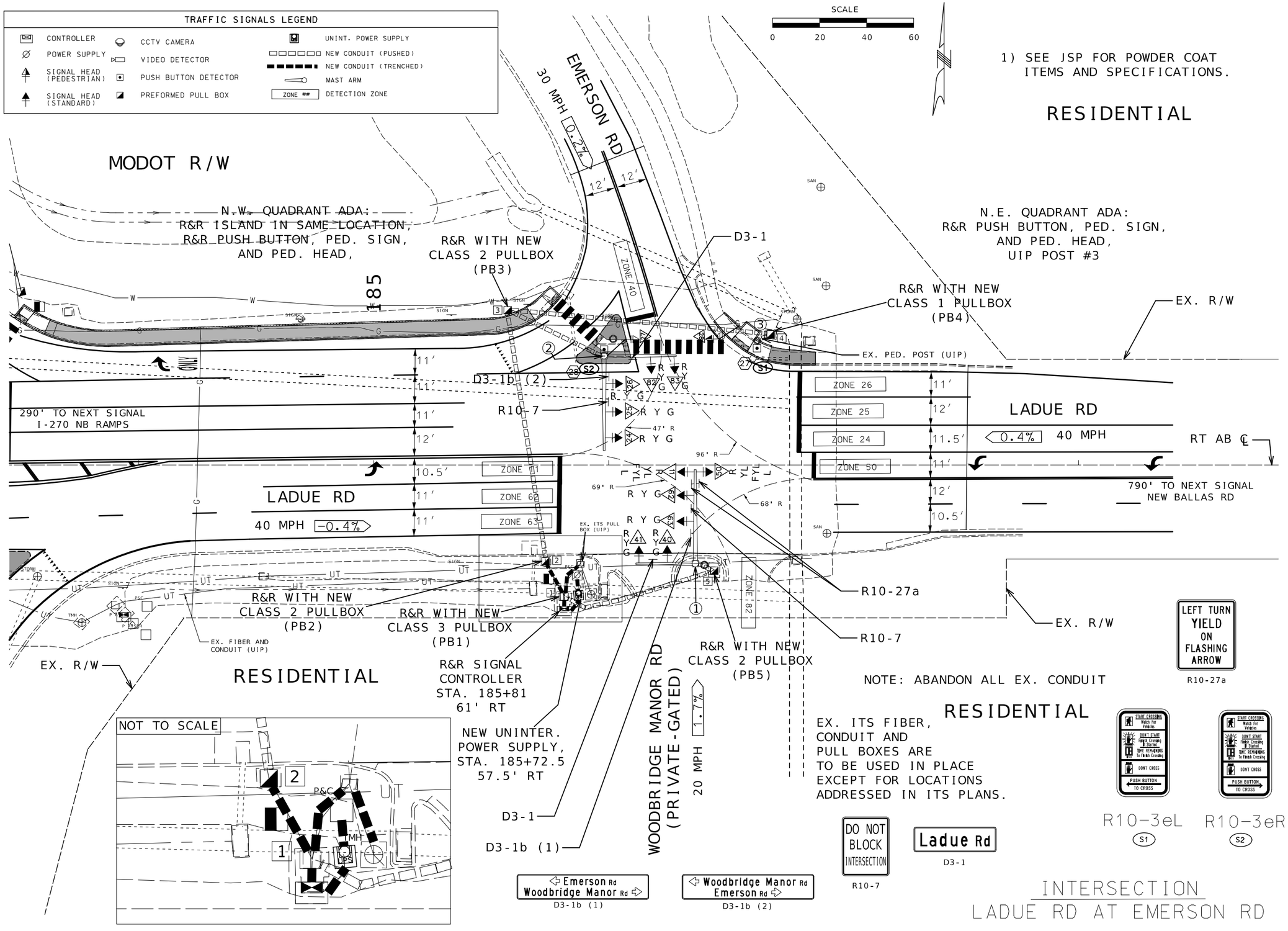
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNAL SHEETS
ROUTE AB @
EMERSON RD



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/28/2024 12:55:02 PM
STUART ROBINSON McNEIL - CIVIL
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DATE PREPARED	
6/28/2024	
ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	134
COUNTY	
ST. LOUIS	
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SIGNAL SHEET
ROUTE AB @
EMERSON RD

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | LOCATION: STATION | LOCATION: OFFSET | BASE: A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | C | CONCRETE** (CU. YDS.) | PULL BOX: PREFORMED CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE: STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | II A | II B | II C | TOP MOUNT POST 8 FT. | 15 FT. | TYPE C & CL: ARM LENGTH A | A | A | A | SIGNAL SPACING B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL: ARM LENGTH E | K | E | K | E | K | LEFT ARM E: SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | RIGHT ARM K: SIGNAL SPACING L | M | N | N' | SIGN SPACING L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

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	9		17												INCL IN COST OF UPS
UPS	CA	9		17												
CA	PB 1	6			9											
CA	PB 1	6			9											
PB 1	PB 2	17			15											
PB 1	PB 5	68						66								
PB 5	P1	9						10								
PB 2	PB 3	108						106								
PB 3	P2	46						47								
PB 3	PB 4	112						110								
PB 4	P3	4						5								

EFFECTIVE 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY	CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
				CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET		AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
						SIGNALS	LIGHTING				
EB LADUE RD		55.5' RT	Type (SEE SG SHEET)	15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	
			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
EB LADUE RD	185+81.1	62' 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	13	14	15	16
Ø 1 EBL	Ø 2 WBT		Ø 4 NBT NBL	Ø 5 WBL	Ø 6 EBT		Ø 8 SBT SBL	Ø 1 OLA FYA		Ø 5 OLC FYA EBL		Ø 2 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		
2	D3-1	96 X 18	12.0	24.0	2
2	D3-1B	60 X 18	7.5	15.0	2
1	R10-3ER	9 X 15	0.9	1.8	1
1	R10-3EL	9 X 15	0.9	1.8	1
2	R10-7	24 X 30	5.0	10.0	2
	R10-11A	36 X 24	6.0		
	R10-12	24 X 30	5.0		
2	R10-27A	30 X 36	7.5	15.0	2
			SUBTOTAL	67.6	10
			TOTAL	67.6	10

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			SEE JSP
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
ZONE 11	LADUE RD. EB					
ZONE 62,63						
ZONE 50						
ZONE 24,25,26						
ZONE 40	EMERSON RD. SB					
ZONE 82	WESTBRG MNR RD. NB					
PED. BUTTON 27		1				
TOTAL						

SIGNAL DETECTION

INTERSECTION	SL DISTRICT TRAFFIC SIGNAL DETECTION SYSTEM EA
EMERSON DR	1.0

* 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.

170 INPUT FILE ASSIGNMENTS

	CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U														
	L														
"J"	U														
	L														

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

170 OUTPUT FILE ASSIGNMENTS

FR1								MONITOR
FR2								
FR3								
FR4								

170 AUXILIARY OUTPUT FILE

FR5							X
FR6							

LADUE RD AND EMERSON RD

INTERSECTION

D-37C

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
05/11/2024 3:09:54 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	137

COUNTY ST. LOUIS

JOB NO. J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

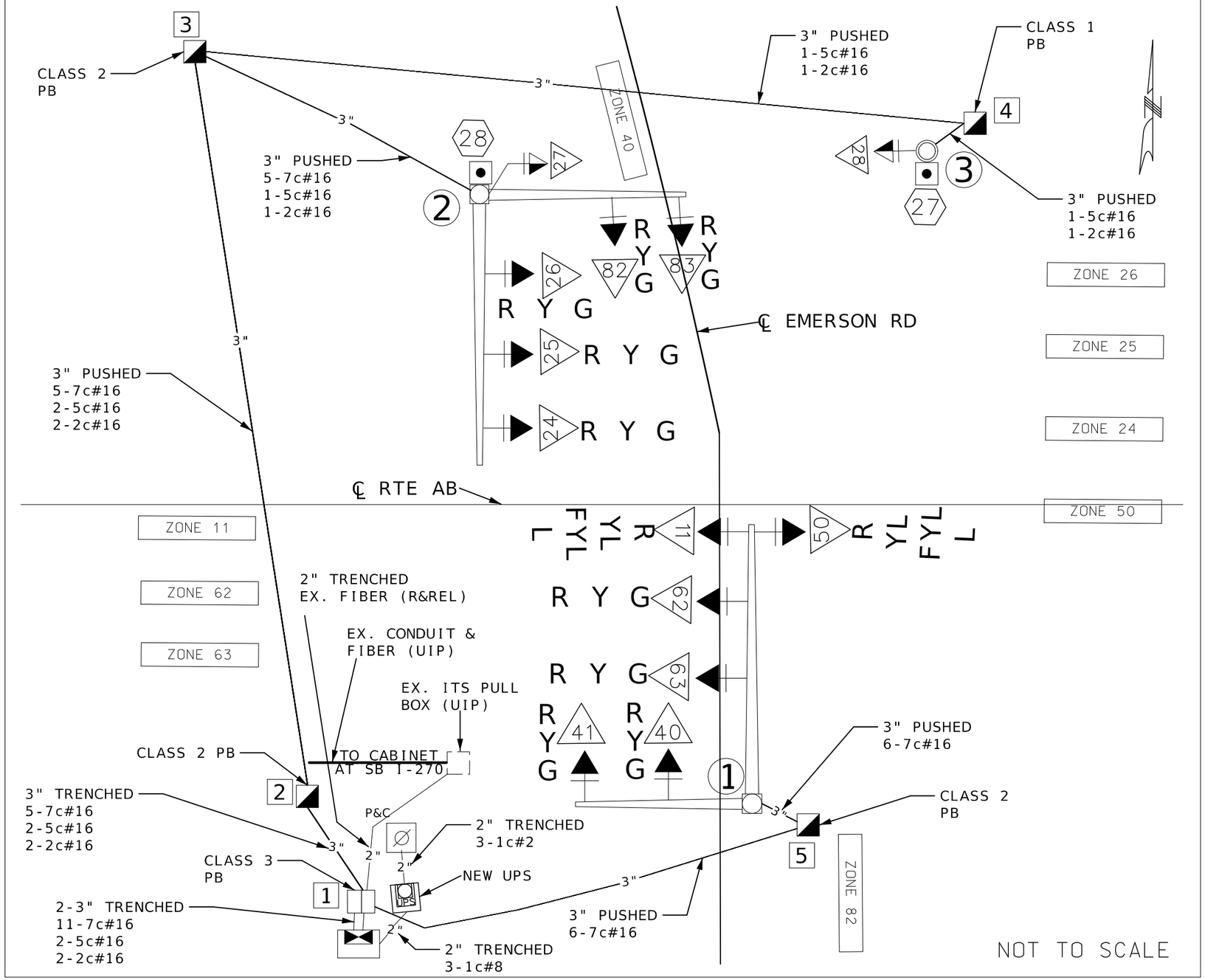
DESCRIPTION | DATE

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

SIGNAL SHEET
ROUTE AB @
EMERSON RD

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
UPS	POWER SUPPLY
	LIGHTING CONTROLLER

LADUE RD AND EMERSON RD

INTERSECTION

D-37D

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:34:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	138

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

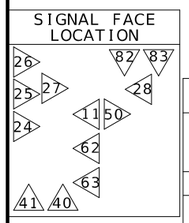
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNAL PLANS
ROUTE AB @
EMERSON RD

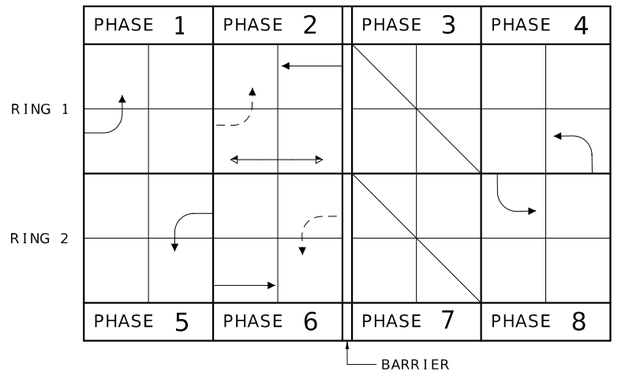
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8													
			NOT USED				NOT USED				NOT USED	NOT USED			NOT USED	NOT USED					FACE NUMBERS
FACE NUMBERS	11	24 25 26		82 83	50	62 63		40 41	50		11				27						
									R		R				28						
SIGNAL INDICATIONS R	R	R R R		R R	R	R R		R R	YL		YL				DW						R
SIGNAL INDICATIONS Y	YL	Y Y Y		Y Y	YL	Y Y		Y Y	FYA		FYA										Y
SIGNAL INDICATIONS FYA	FYA				FYA				L		L										FYA
SIGNAL INDICATIONS G	L	G G G		G G	L	G G		G G	G		G				W						G
DETECTOR ASSIGNMENTS	ZONE 11	ZONE 24 / ZONE 25 / ZONE 26		ZONE 82 / ZONE 83	ZONE 50	ZONE 62 / ZONE 63		ZONE 40 / ZONE 41													DETECTOR ASSIGNMENTS
DETECTOR ASSIGNMENTS (PEDS. ONLY)															D2 D1						
OVERLAP PARENT PHASES									2		6										
									PED Ø OVERLAP A		PED Ø OVERLAP C		PED Ø OVERLAP		PED Ø 2 OVERLAP						



RING STRUCTURE

FLASHING OPERATION	
LADUE RD	FR
EMERSON RD	FR

CONTROLLER TYPE	TS2

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED

FDW — FLASHING DON'T WALK
W — WALK
DW — DON'T WALK
R/W — RIGHT OF WAY INTERVAL
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
LY -YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
RL — RED LEFT ARROW
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING CIRCULAR YELLOW
FYL — FLASHING YELLOW LEFT ARROW

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF LADUE RD
WITH EMERSON RD

D-38A

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:35:00 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED 6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	139

COUNTY ST. LOUIS
JOB NO. J6S3633
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

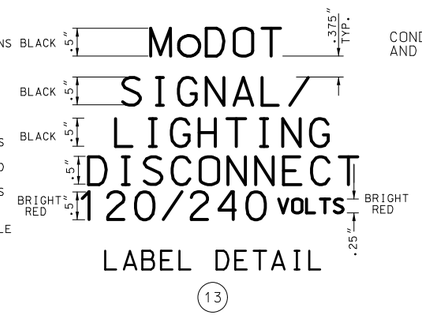
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

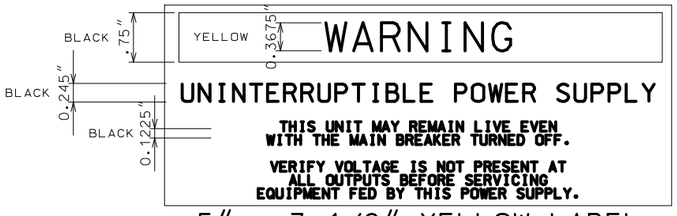
SIGNAL SHEET
ROUTE AB @
EMERSON RD

GENERAL NOTES:

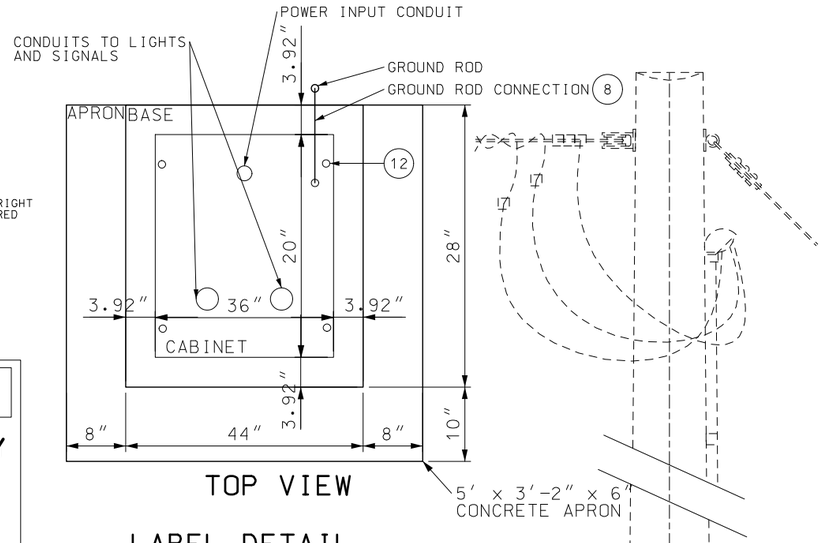
1. ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.
2. PLACEMENT OF 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)

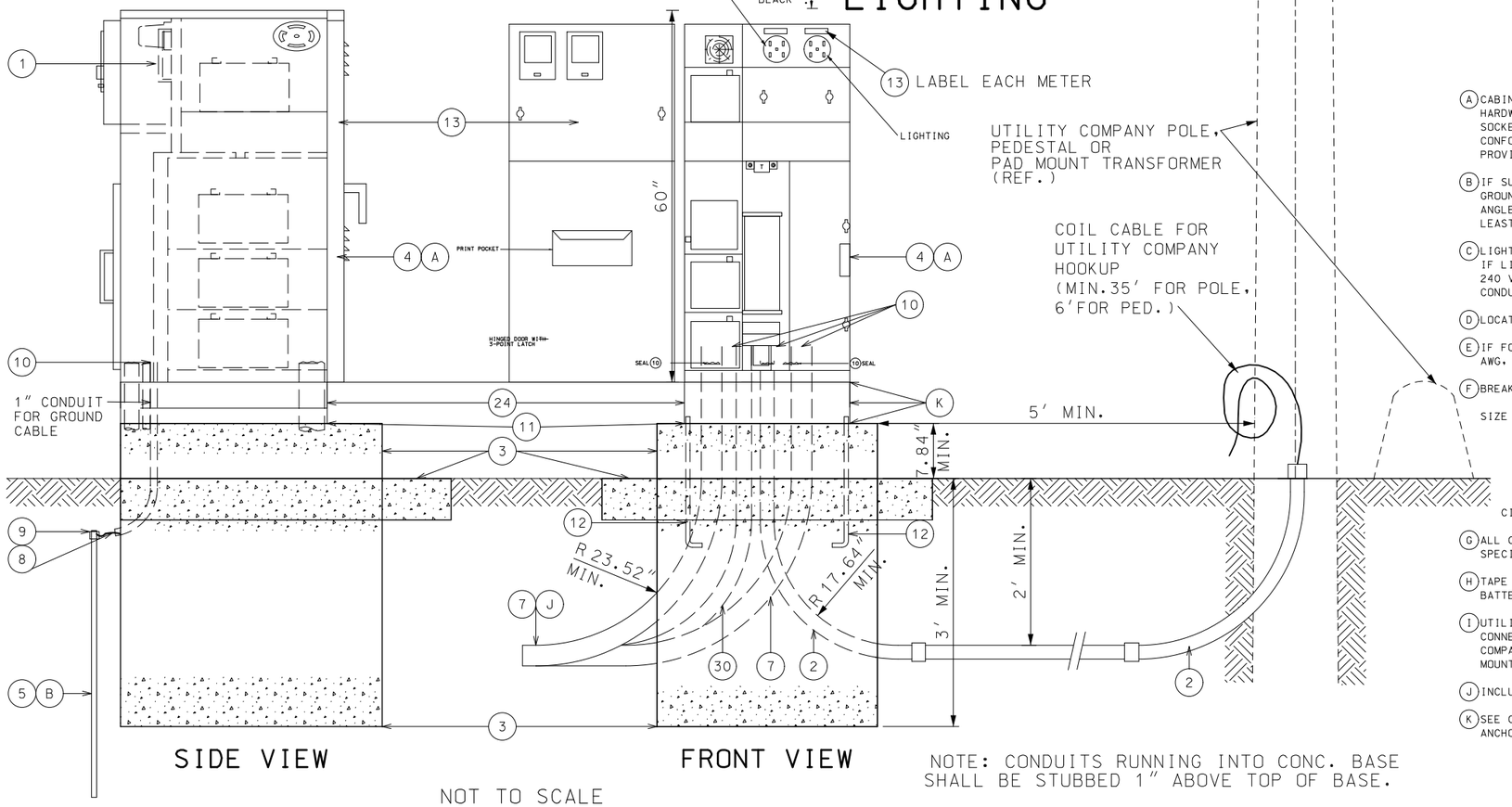


5" x 3 1/2" YELLOW LABEL
(UNDER SIGNAL METER ON LOWER DOOR)



TOP VIEW

LABEL DETAIL



SIDE VIEW

FRONT VIEW

NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

NOT TO SCALE

DISCLAIMER

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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 1/2" 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.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:35:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	140

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

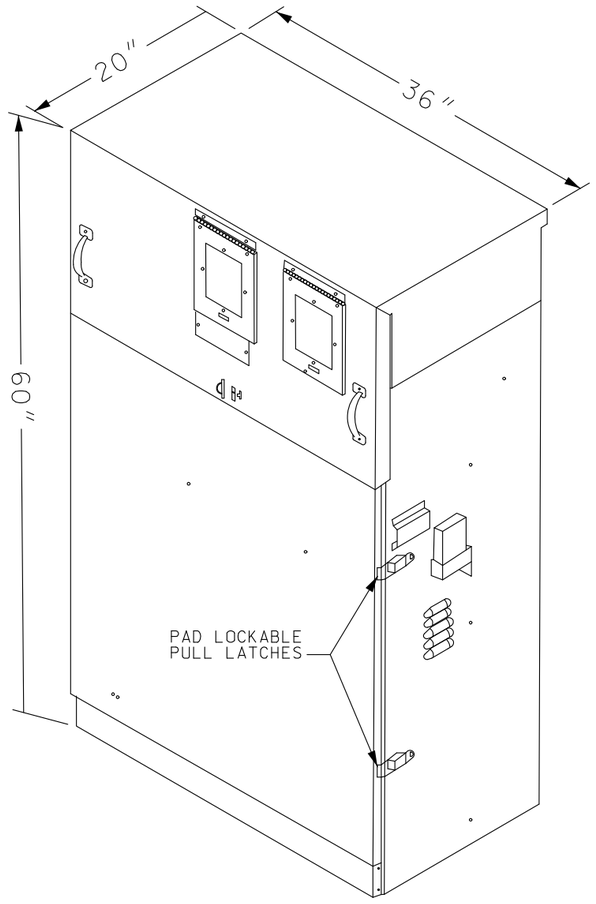
PROJECT NO.

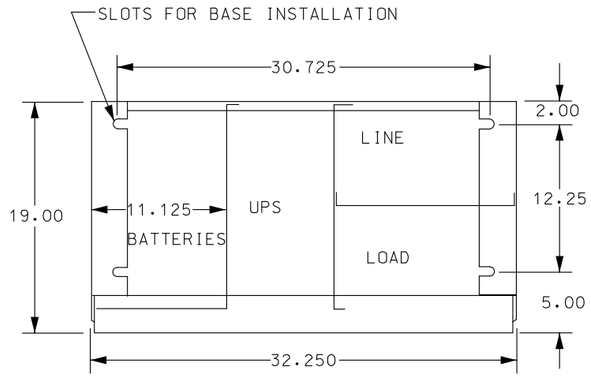
BRIDGE NO.

DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE AB
POWER SUPPLY





PEDESTAL PLAN VIEW
MOUNTING SLOT DETAIL

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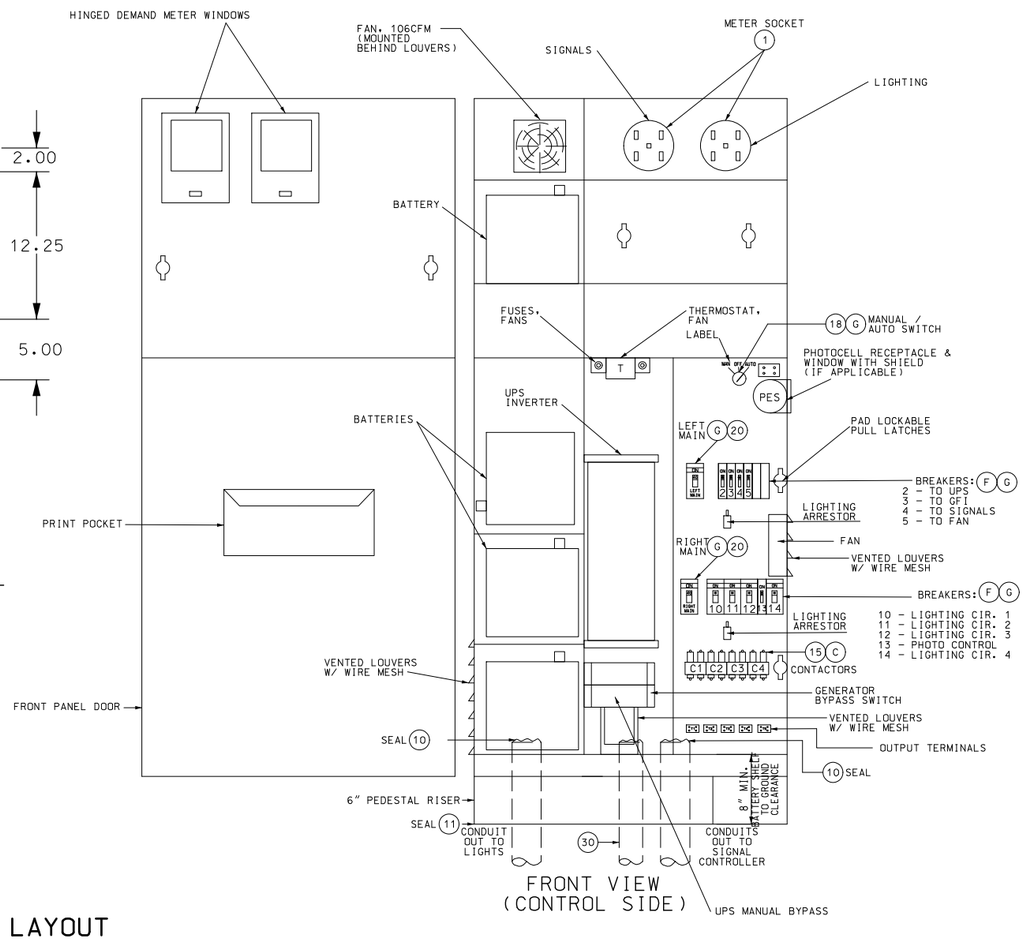
NOTE: WHERE SPACE PROVIDES, UPS SHALL HAVE ADDITIONAL LABELS DENOTING 'LIGHTING' CONTROLS



FRONT VIEW
(CONTROL SIDE)

EQUIPMENT LAYOUT
NOT TO SCALE

NOTE: CONDUITS RUNNING INTO CONC. BASE SHALL BE STUBBED 1" ABOVE TOP OF BASE.

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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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.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
05/10/2024 3:35:17 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	141

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE AB
POWER SUPPLY

DISCLAIMER

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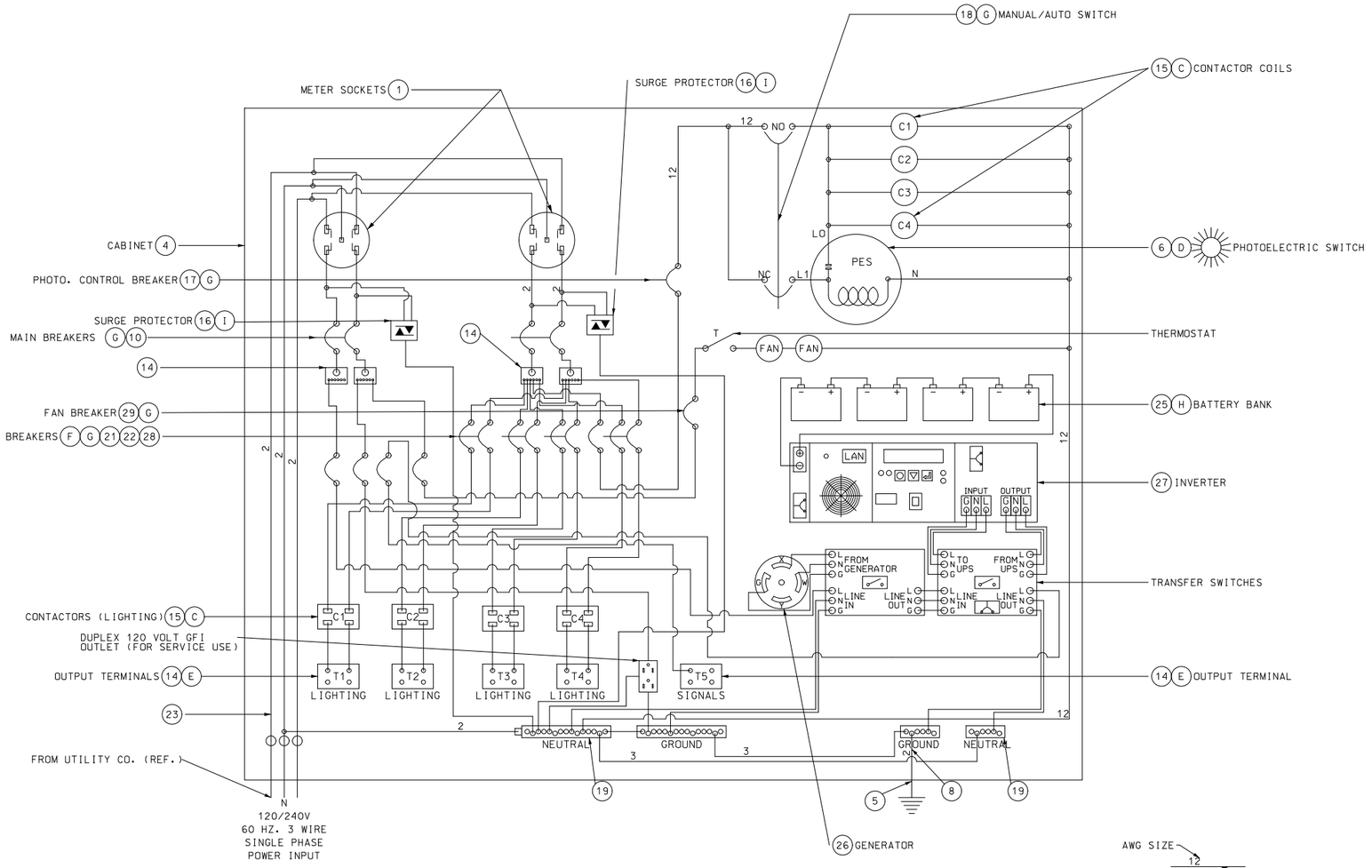

WIRING DIAGRAM

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
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STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:20:19 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	142

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

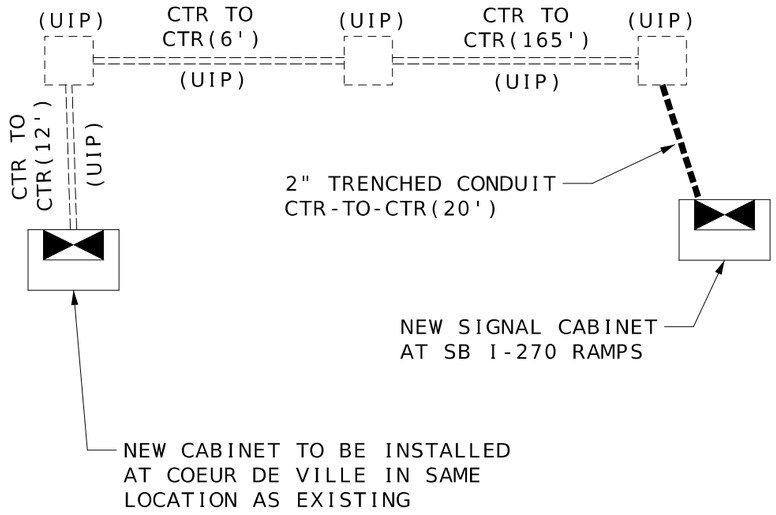
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

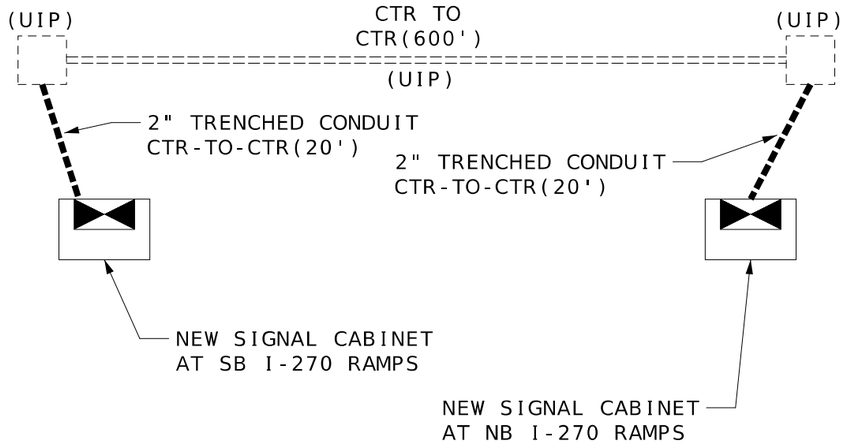
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNAL SHEET
ROUTE AB
POWER SUPPLY

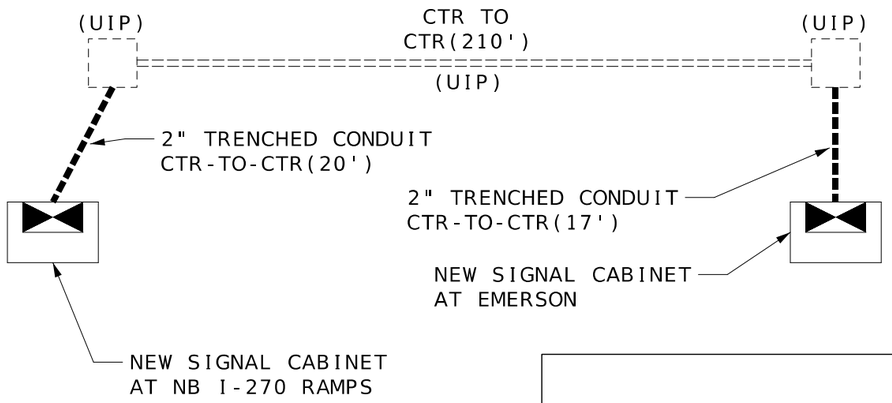
NEW SIGNAL CABINET AT COEUR DE VILLE TO NEW SIGNAL CABINET AT SB I-270 RAMPS



NEW SIGNAL CABINET AT SB I-270 RAMPS TO NEW SIGNAL CABINET AT NB I-270 RAMPS



NEW SIGNAL CABINET AT NB I-270 RAMPS TO NEW SIGNAL CABINET AT EMERSON



* EXISTING FIBER OPTIC CABLE IS TO BE USED IN PLACE. EXISTING FIBER OPTIC CABLE SHALL BE DISCONNECTED FROM EXISTING SIGNAL CABINETS AND RECONNECTED TO NEW SIGNAL CABINETS AS SHOWN IN THE PLANS.

** SEE QUANTITY SHEETS FOR CONDUIT AND CABLE PAY TOTALS.

NOT TO SCALE

LEGEND

CONTROLLER	EX. PULLBOX		CONDUIT EXISTING
EX. CONTROLLER			CONDUIT TRENCHED

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:29:35 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024

ROUTE	STATE
AB	MO

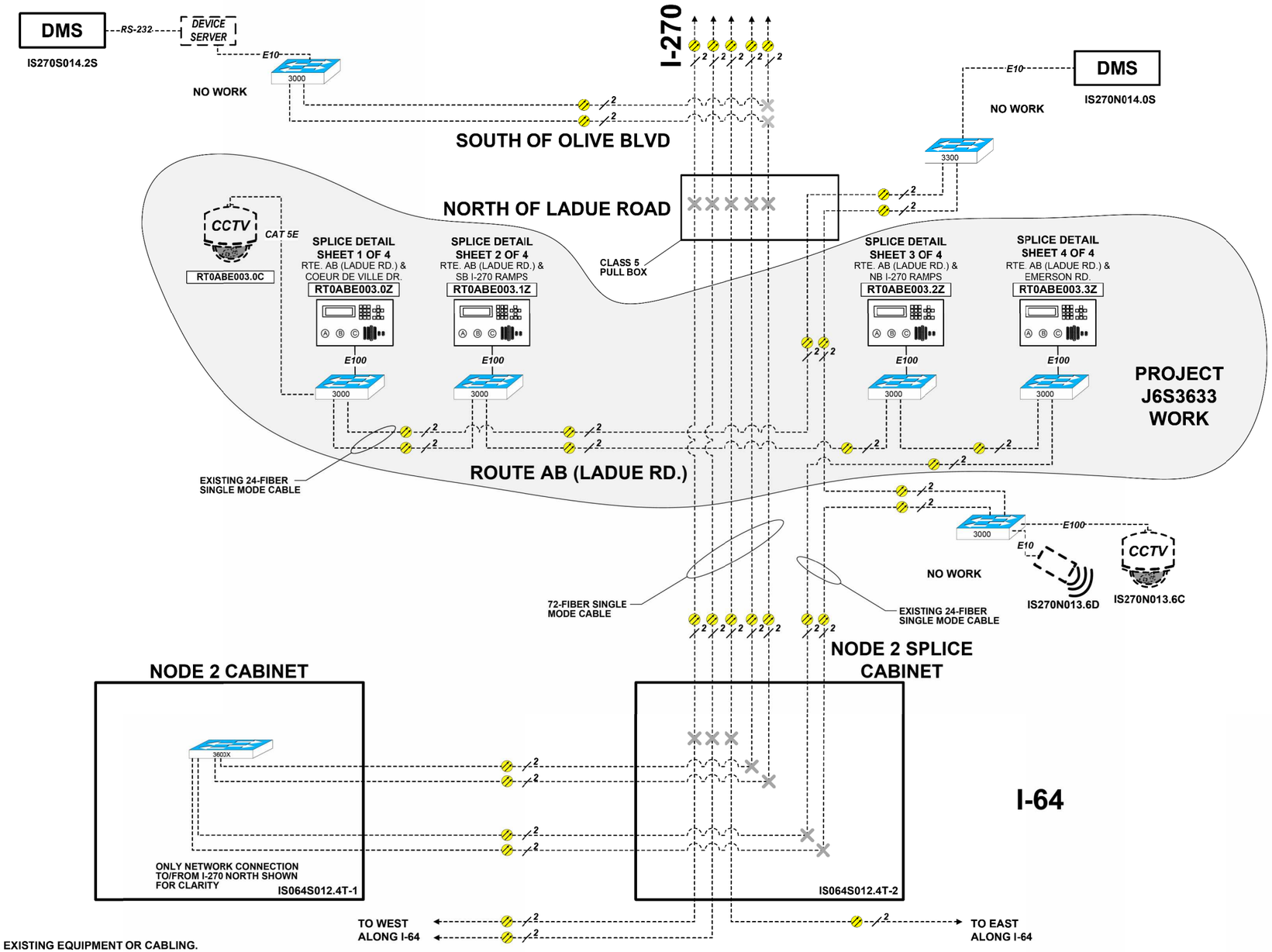
DISTRICT	SHEET NO.
SL	143

COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

ITS SHEET
COEUR DE VILLE TO EMERSON RD



NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN. SEE SLICE DIAGRAMS.

CONNECTION DETAIL
ROUTE AB (LADUE RD.)
SHEET 1 OF 1

MI055E001.8T	DEVICE IDENTIFIER	3600X	EXISTING CISCO 2950 SWITCH	MMU	MALFUNCTION MANAGEMENT UNIT	MC	MEDIA CONVERTER
CCTV / CCTV	EXISTING/ PROPOSED CCTV CAMERA	3000	EXISTING CISCO 3000 SWITCH			FO DATA MODEM	FIBER OPTIC DATA MODEM
DMS / DMS	EXISTING/PROPOSED DYNAMIC MESSAGE SIGN	3300	PROPOSED CISCO 3300 SWITCH	POWER INJECTOR	CISCO 1400 AIRONET POWER INJECTOR	E10	10 MBPS ETHERNET
			EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER		CISCO 1400 AIRONET WIRELESS ETHERNET BRIDGE	E100	100 MBPS ETHERNET

VDS AP	VIDEO DETECTION SYSTEM		FIBER OPTIC CABLE
	SENSYS DETECTION SYSTEM		COAX CABLE
VD	IP VIDEO ENCODER		TWISTED PAIR CABLE
DEVICE SERVER	DEVICE SERVER		EXISTING/PROPOSED FUSION SPLICE

	10/100 MBPS ETHERNET LINK
	OC-48 LINK
	OC-12 LINK
	PROPOSED CABLE
	EXISTING CABLE
	WIRELESS CONNECTION

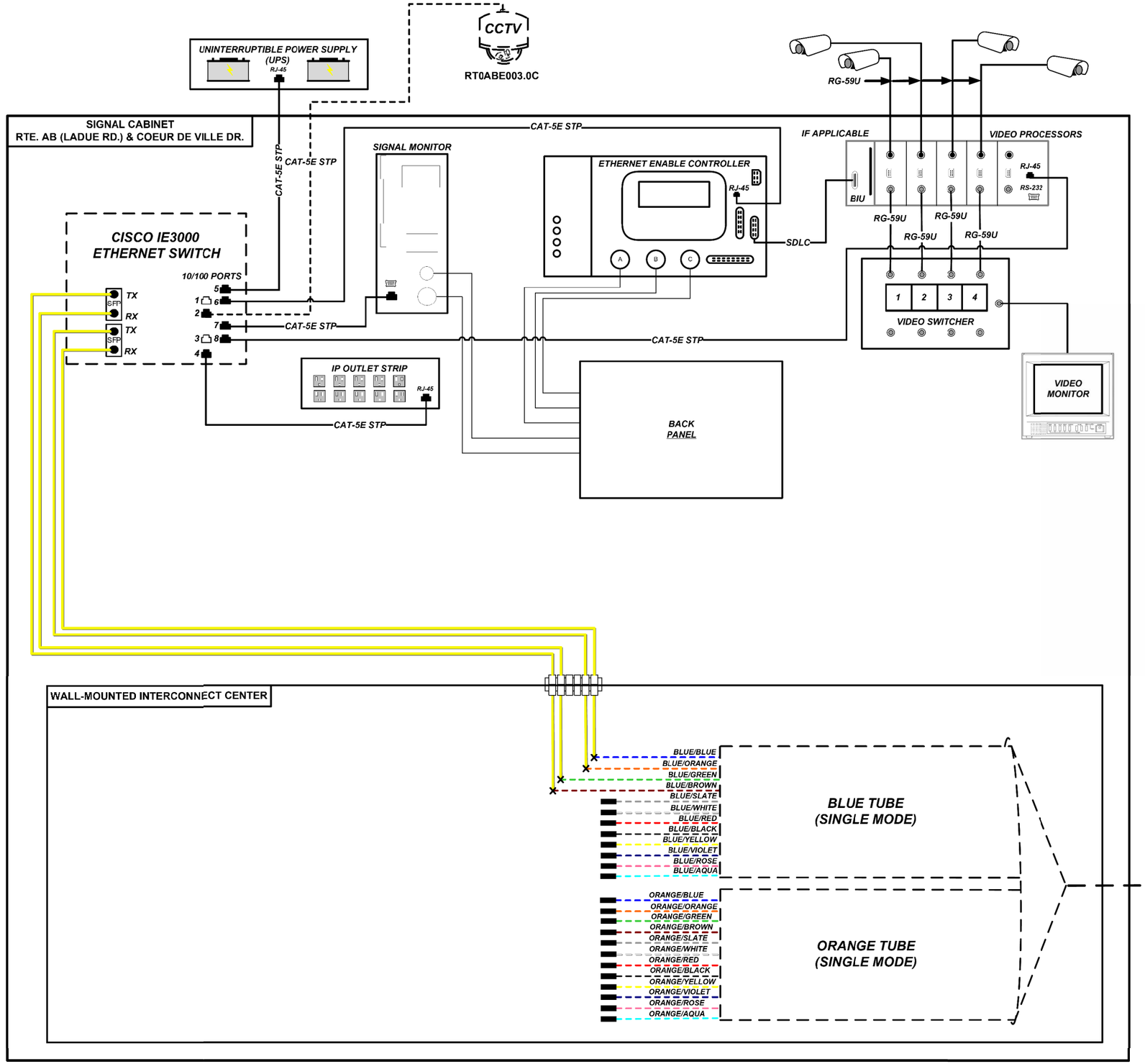
STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:29:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 144
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

ITS SHEET
CONNECTION DETAIL



KEY

MO270N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM 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
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM
RT0ABE003.0
RTE. AB (LADUE RD.) & COEUR DE VILLE DR
SHEET 1 OF 4

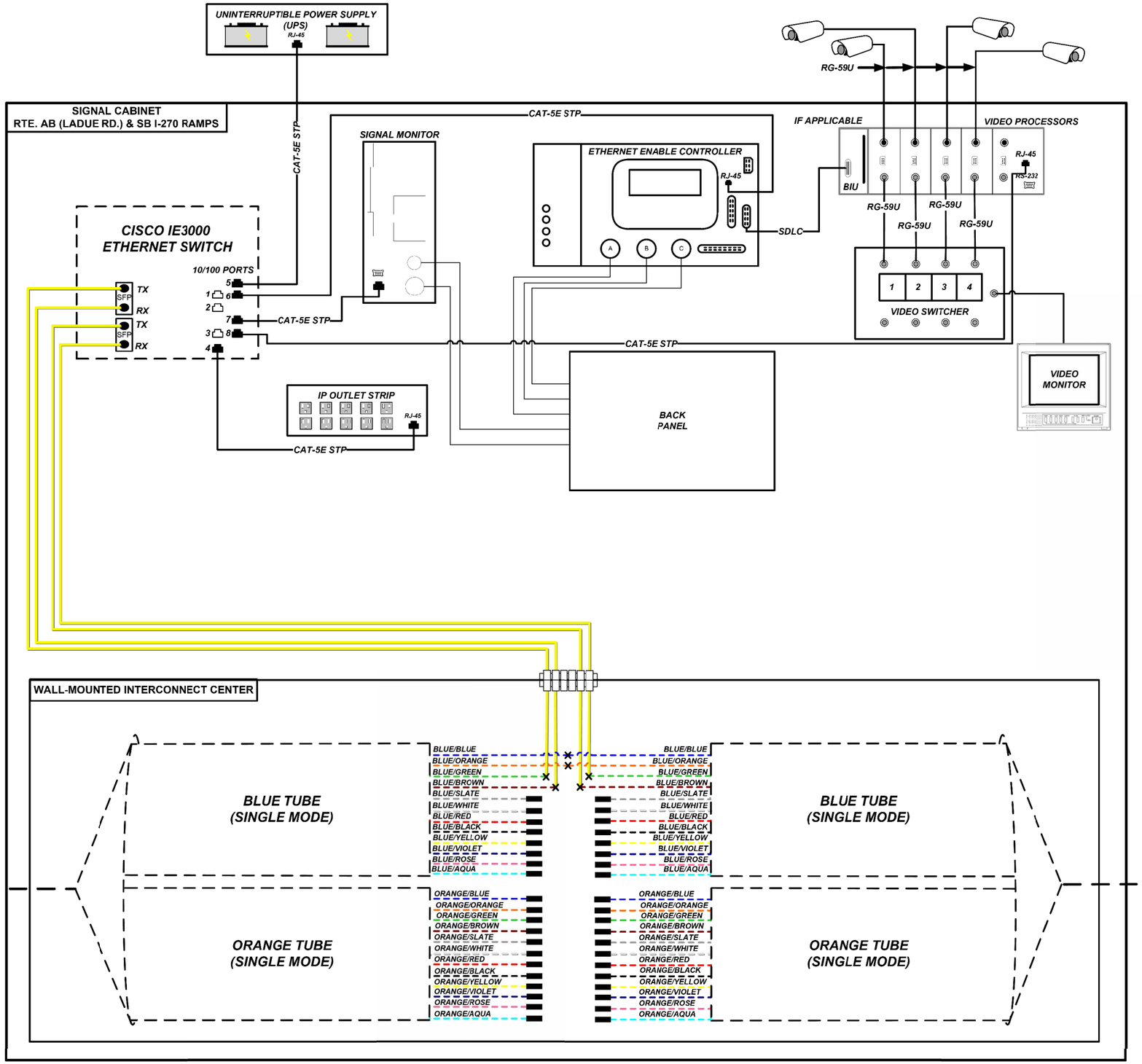
STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:29:55 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 145
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

ITS SHEET
SPLICING DIAGRAM
COEUR DE VILLE DRIVE



KEY

MO270N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
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	SM PATCH THROUGH FIBER OPTIC JUMPER
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	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK
VDS AP	SENSYS DETECTION SYSTEM

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4. DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.

FIBER SPLICING & BLOCK DIAGRAM RT0ABE003.1 RTE. AB (LADUE RD.) & SB I-270 RAMPS SHEET 2 OF 4

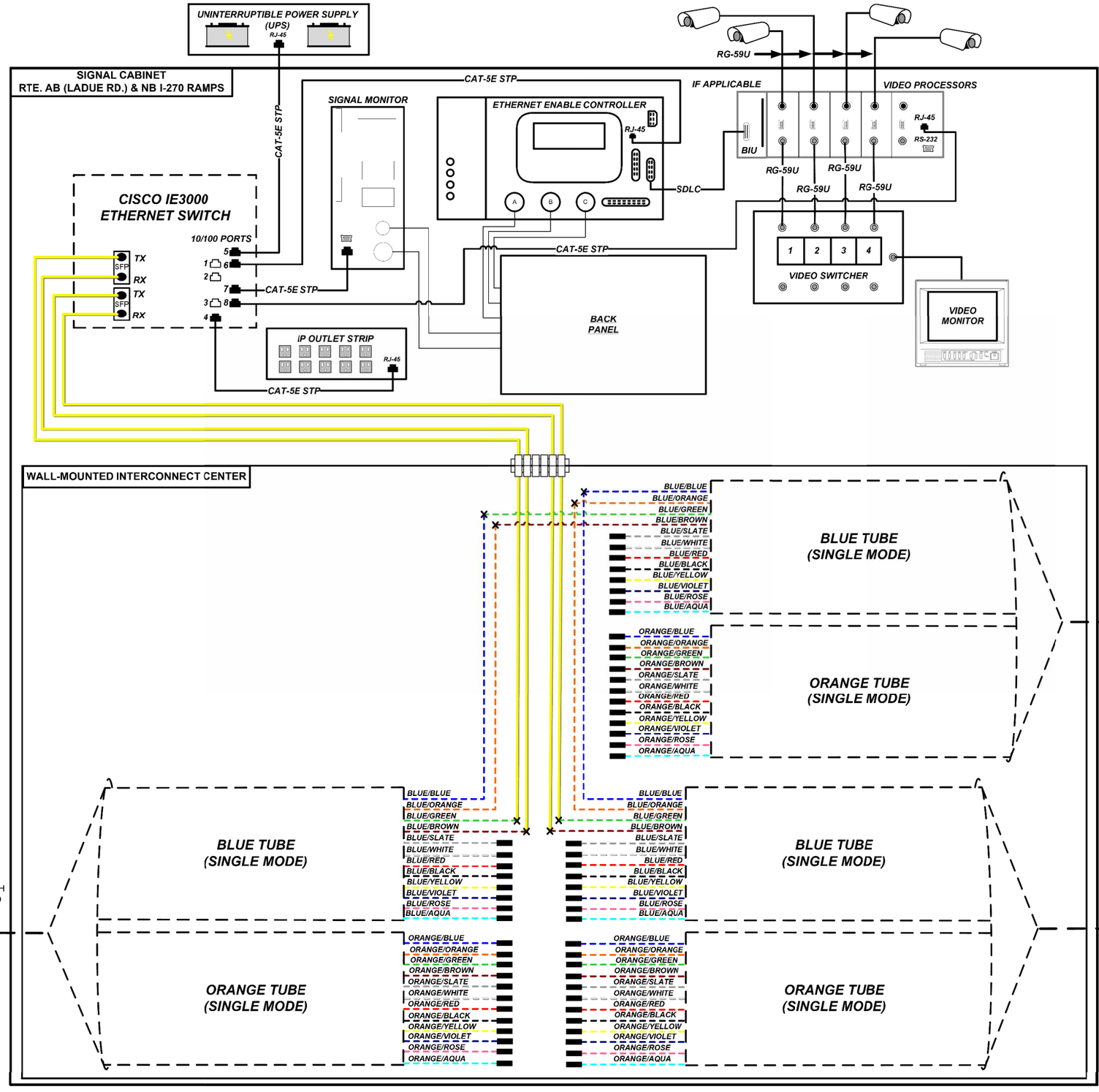
STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:30:05 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 146
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

ITS SHEET
SPLICING DIAGRAM
SOUTHBOUND I-270 RAMPS



KEY

MO270N123.4C	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
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	EXISTING/PROPOSED FUSION SPLICE
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VDS AP	SENSYS DETECTION SYSTEM

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FIBER SPLICING & BLOCK DIAGRAM
RT0ABE003.2
RTE. AB (LADUE RD.) & NB I-270 RAMPS
SHEET 3 OF 4

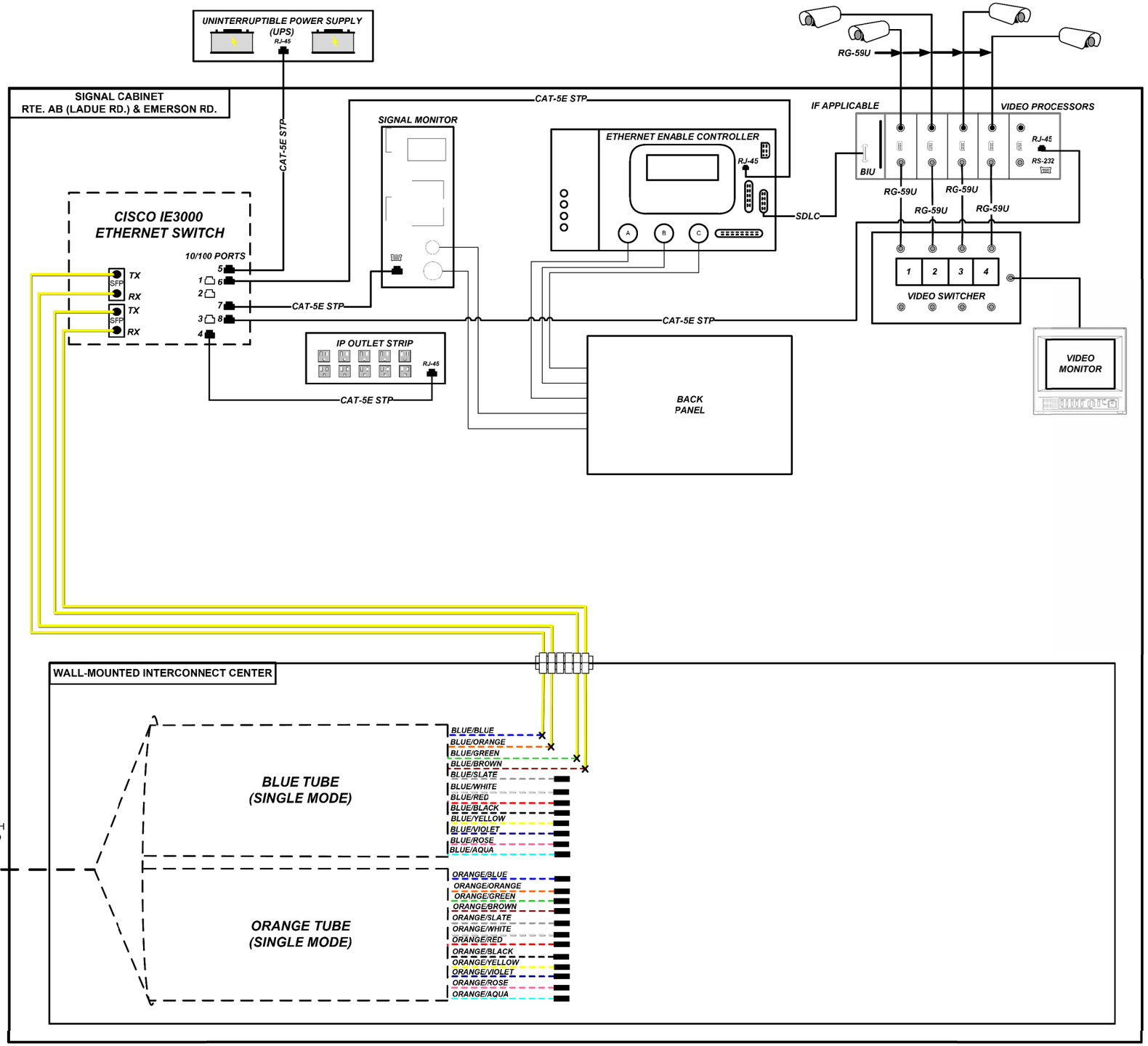
STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:30:14 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 147
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

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

ITS SHEET
SPLICING DIAGRAM
NORTHBOUND I-270 RAMPS



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FIBER SPLICING & BLOCK DIAGRAM
RT0ABE003.3
RTE. AB (LADUE RD.) & EMERSON RD.
SHEET 4 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:30:25 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 6/10/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 148
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

ITS SHEET
SPLICING DIAGRAM
EMERSON ROAD

MoDOT BURIED CABLE DRIVEABLE DELINEATOR POST W/ DEPTH STICKER

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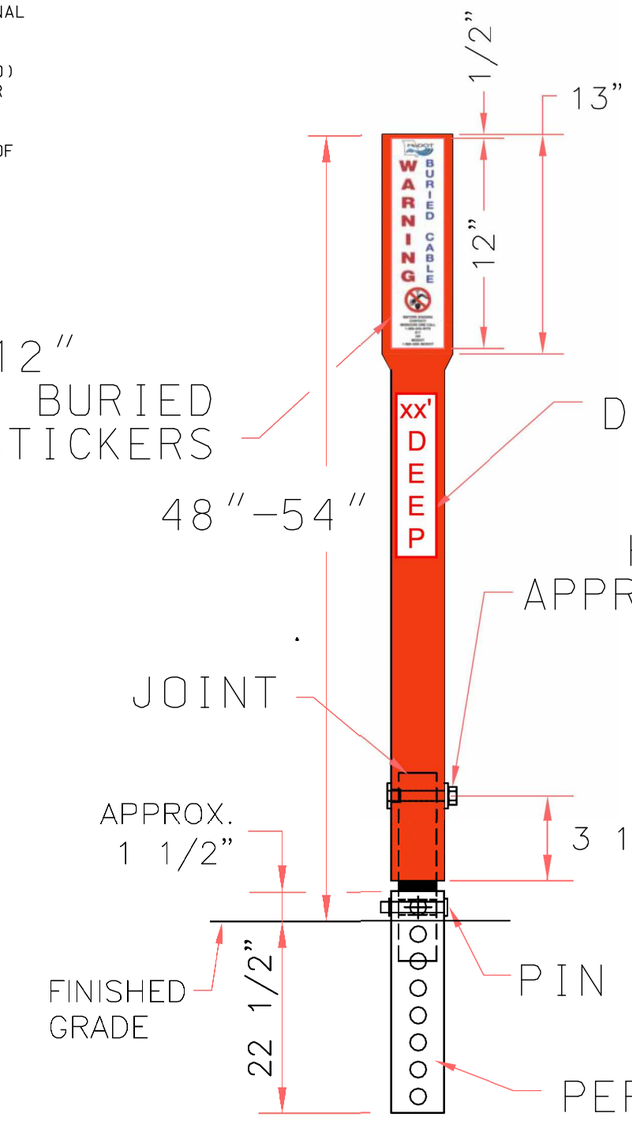
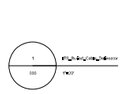


GENERAL NOTES:

1. STICKERS TO BE OF A NON-REFLECTIVE MATERIAL/SHEETING.
2. STICKERS SHALL BE PROVIDED ON 1 SIDE OF POST FOR INTERSTATE ROUTES UNLESS SPECIFIED BY THE ENGINEER.
3. STICKERS SHALL BE PROVIDED ON BOTH SIDES OF POST FOR ARTERIAL ROUTES UNLESS SPECIFIED BY THE ENGINEER.
4. STICKERS TO BE INCLUDED IN COST OF A DELINEATOR POST.
5. DEPTH STICKER SHALL BE 2"x12".



MoDOT

WARNING BURIED CABLE

BEFORE DIGGING CONTACT:
MISSOURI ONE CALL
1-800-DIG-RITE
811
OR
MODOT
1-888-ASK-MODOT

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/20/2024 2:30:36 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/10/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	149

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

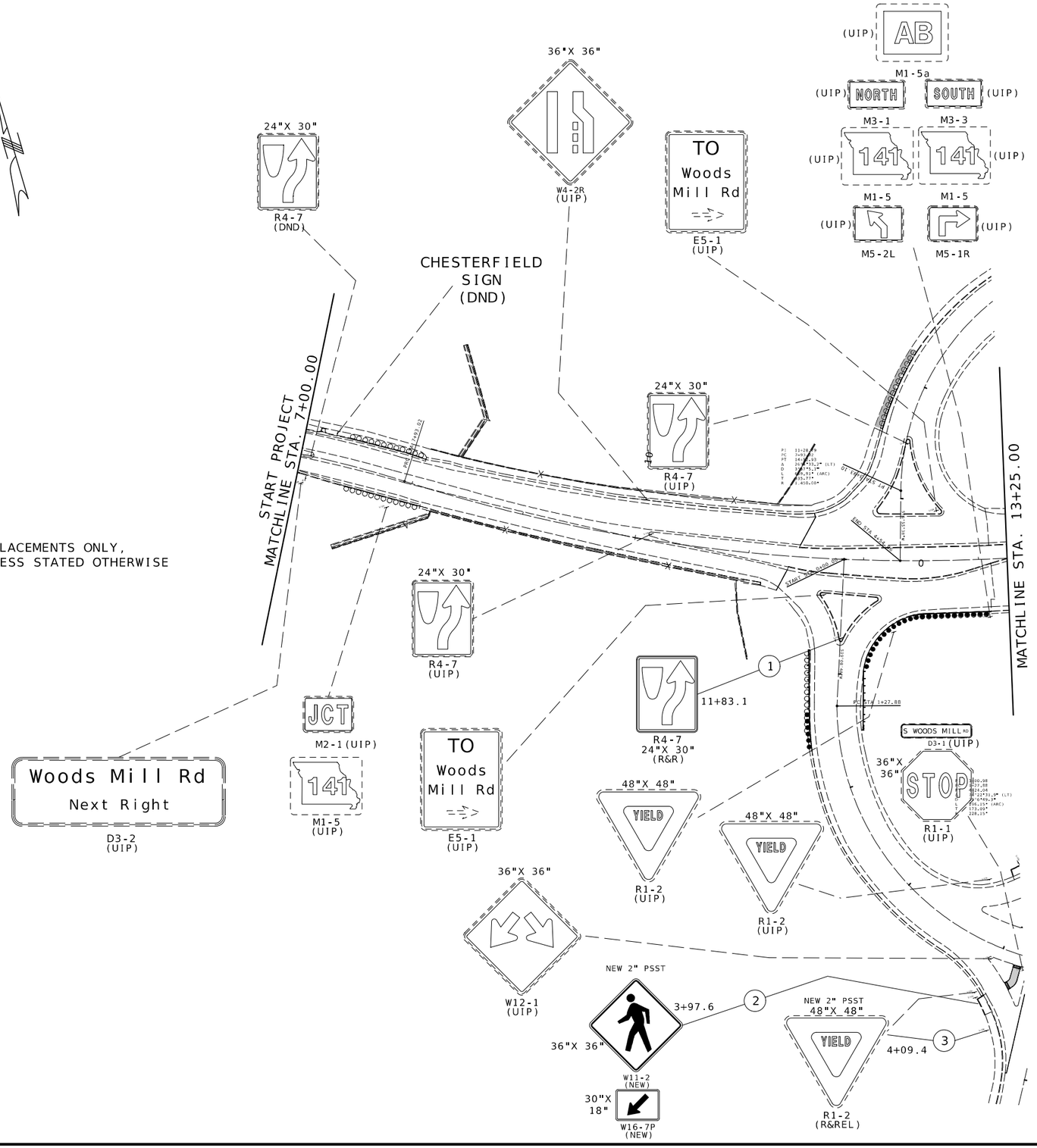
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ITS SHEET
BURIED CABLE-DRIVABLE DELINEATOR POST

SCALE

0 50 100 150

NOTE: ALL SIGNS THAT ARE BEING R&R ARE SIGN REPLACEMENTS ONLY,
NO SIGNPOST REPLACEMENTS ARE REQUIRED UNLESS STATED OTHERWISE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:43:14 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	150

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

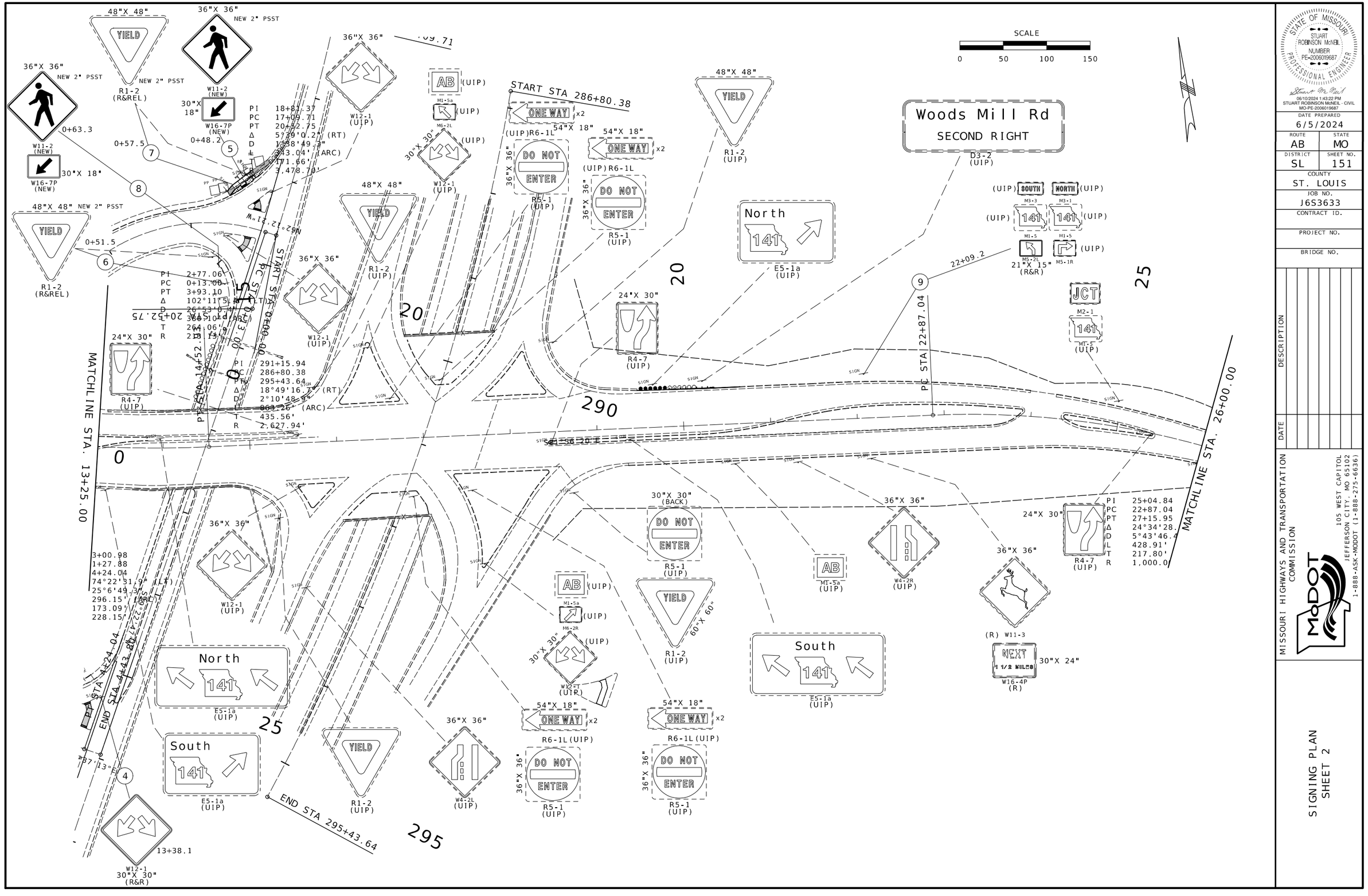
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 1



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:43:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	151

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 2

SCALE

0 50 100 150

36"X 48"
SPEED LIMIT 40
R2-1 (UIP)

30

35

MATCHLINE STA. 26+00.00 (RT)

PT STA 27+15.95

STORM

S53°21'41"E

MATCHLINE STA. 39+00.00

36"X 48"
SPEED LIMIT 40
R2-1 (UIP)

OM3-R (UIP)

OM3-R (UIP)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
06/10/2024 1:43:29 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	152

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 3

SCALE

0 50 100 150

40

45

50

MATCHLINE STA. 39+00.00

MATCHLINE STA. 52+00.00

PC STA 48+74.16

PI 50+63.08
PC 48+74.16
PT 52+39.17
Δ 36°27'14.7" (L
D 9°59'14.0"
L 365.01' (ARC)
T 188.92'
R 573.69'

36"X 36"

W2-8
(UIP)

36"X 36"

W1-2L(UIP)

24"X 24"

40
M.P.H.

W13-1P
(UIP)

18"X 24"

W1-8
(UIP)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

06/10/2024 1:43:27 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	153

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

SIGNING PLAN
SHEET 4

SCALE
0 50 100 150

36"X 36"
W1-2L (UIP)
40 M.P.H.
W13-1P (UIP) 24"X 24"

36"X 36"
W2-2 (UIP)

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
ARNOLD AIR SOCIETY COL CHARLES A. LINDBERGH SQUADRON
I9-1a (UIP)

MATCHLINE STA. 52+00.00

PT STA 52+39.17

55

60

PT STA 60+39.39

65

65+00.00 MATCHLINE STA.

S89°48'55"E

MoDOT ADOPT-A-HIGHWAY Litter Cleanup
IN LOVING MEMORY OF ANDY BURCH
I9-1a (UIP)

STOP
R1-1 (DND)

STOP
R1-1 (DND)

(UIP)
LADUE RD
D3-1D
BON CHATEAU DR
D3-1D
(UIP)

36"X 48"
SPEED LIMIT 40
R2-1 (UIP)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/27/2024 1:46:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/27/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	154

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 5

SCALE
0 50 100 150

REMOVE AND DELIVER TO
BALLAS MoDOT MAINTENANCE.

MATCHLINE STA. 65+00.00

MATCHLINE STA. 78+00.00

65

70

75

36"X 48"
SPEED LIMIT 40
R2-1
(UIP)

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
STXBPI
PARENTS ALLIANCE
I9-1a
(R)

OM3-R
12"X 36"
NEW POST
(R&R)

73+07.6

12

36"X 36"
W11-3 (R)

30"X 24"
NEXT
1 1/2 MILES
W16-3P
(R)

10

66+82.0

PEBBLE ACRES DR (UIP)
D3-1D
LADUE RD (UIP)
D3-1D

R4-7
24"X 30"
(R&R)

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
STXBPI
PARENTS ALLIANCE
I9-1a
(R)

REMOVE AND DELIVER TO
BALLAS MoDOT MAINTENANCE.

NO OUTLET
(DND)

"BRYN WYTH"
NEIGHBORHOOD
SIGN
(DND)

11

72+84.6

36"X 36"
STOP
R1-1
(UIP)

OM3-R
12"X 36"
NEW POST
(R&R)

S1-1 (UIP)

30"X 18"
AHEAD
W16-9P
(UIP)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/27/2024 1:47:00 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/27/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	155

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 6

SCALE
0 50 100 150

36"X 48"
SPEED LIMIT 40
R2-1 (UIP)

36"X 48"
SPEED LIMIT 20 EXCEPT WHERE POSTED
R2-5d (UIP)

CITY LIMIT
TOWN AND COUNTRY
POP. 10,875
(UIP)

S1-1
30"X 18" AHEAD
W16-9P (UIP)

30"X 30"
W12-1 (UIP)

48"X 48"
YIELD
R1-2 (UIP)

36"X 36"
W11-2 (NEW)
30"X 18"
W16-7P (NEW)

PI 2+79.40
PC 0+69.24
PT 4+72.21
Δ 40°9'13.0" (LT)
D 9°57'52.1"
L 402.97' (ARC)
T 210.16'
R 575.00'

END STA 4+72.21
START STA 0+00.00
PC STA 0+69.24
89+39.3
90+60.1
91+25.00
MATCHLINE STA. 78+00.00
MATCHLINE STA. 91+25.00
S88°47'23"E
S03°04'56"E
SM RADIUS
LG

TREE CITY USA
ARBOR DAY FOUNDATION
SIGN
(DND)

36"X 48"
SPEED LIMIT 40
R2-1(UIP)
36"X 48"
SPEED LIMIT 20 EXCEPT WHERE POSTED
R2-5d(UIP)
CITY LIMIT
TOWN AND COUNTRY
POP. 10,875
(UIP)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:44:04 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	156

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 7

SCALE
0 50 100 150

REMOVE AND RETURN TO
BALLAS MoDOT MAINTENANCE.

(R)
S1-1

30"X 18"
AHEAD
W16-9P
(R)

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
STXBPI
PARENTS ALLIANCE
I9-1a
(R)

95

100

MATCHLINE STA. 91+25.00

0.00

0

MATCHLINE STA. 104+00.00

SIGN

SM RADIUS

(DND)

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
STXBPI
PARENTS ALLIANCE
I9-1a
(R)

REMOVE AND RETURN TO
BALLAS MoDOT MAINTENANCE.

36"X 48"
SPEED
LIMIT
40
R2-1
(UIP)

STOP
R1-1
(DND)

NO
THRU
TRAFFIC
(DND)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:44:13 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	157

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 8

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:44:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	158

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 9

REMOVE AND RETURN TO
BALLAS MoDOT MAINTENANCE.

SCALE
0 50 100 150

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
IN LOVING MEMORY OF
MICHAEL WORTH
I9-1a
(R)

OM3-R
(UIP)

OM3-R
(R)

OM3-R
(R)

SPEED
LIMIT
40
R2-1
36"X 48"
(R&R)

STOP
R1-1
(DND)

STOP
R1-1
(DND)

STOP
R1-1
(DND)

NEW 2" PSST
POST

STOP
R1-1
(NEW)
36"X 36"

127+66.4

120

125

130

MATCHLINE STA. 117+00.00

MATCHLINE STA. 130+00.00

N89°54'43"E

EX. PSST
POST (NO SIGN)

R4-7
(DND)

STOP
R1-1
(DND)

STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
STATE OF MISSOURI
06/10/2024 1:44:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	159

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

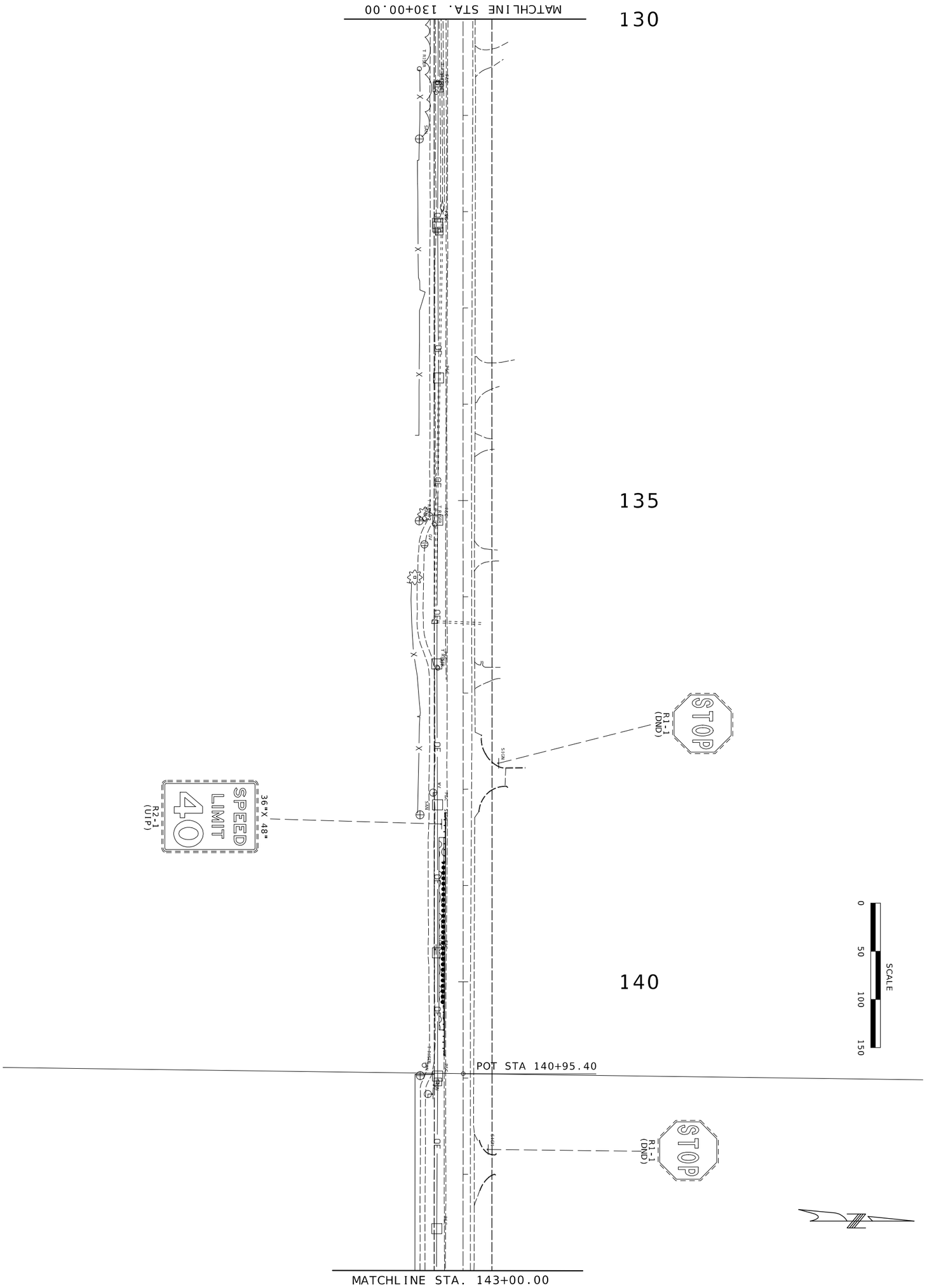
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 10



SIGNING PLAN
SHEET 11

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
J6S3633

JOB NO.

COUNTY
ST. LOUIS

DISTRICT
SL

SHEET NO.
160

ROUTE
AB

STATE
MO

DATE PREPARED
6/5/2024

STATE OF MISSOURI
ROBERT MICHAEL SMITH
NUMBER PE-2009019587
PROFESSIONAL ENGINEER
STUART@SDSK.NET 4:44:49 PM
SDSK-PE-2009019587 - CIVIL
MO-PE-2009019587

SCALE
0 50 100 150

REMOVE AND DELIVER TO
BALLAS MoDOT MAINTENANCE.

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
MIKE AUX-TINEE
I9-1a
(R)

STOP
R1-1
(DND)

36"X 48"
SPEED
LIMIT
40
R2-1
(UIP)

145 150 155

MATCHLINE STA. 143+00.00

MATCHLINE STA. 156+00.00

N89°59'56"E

STOP
R1-1
(DND)

OM3-R
(UIP)

MoDOT
ADOPT-A-HIGHWAY
Litter Cleanup
AVAILABLE
888-ASK-MODOT
I9-1a
(R)

REMOVE AND DELIVER TO
BALLAS MoDOT MAINTENANCE.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 1:44:49 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	161

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

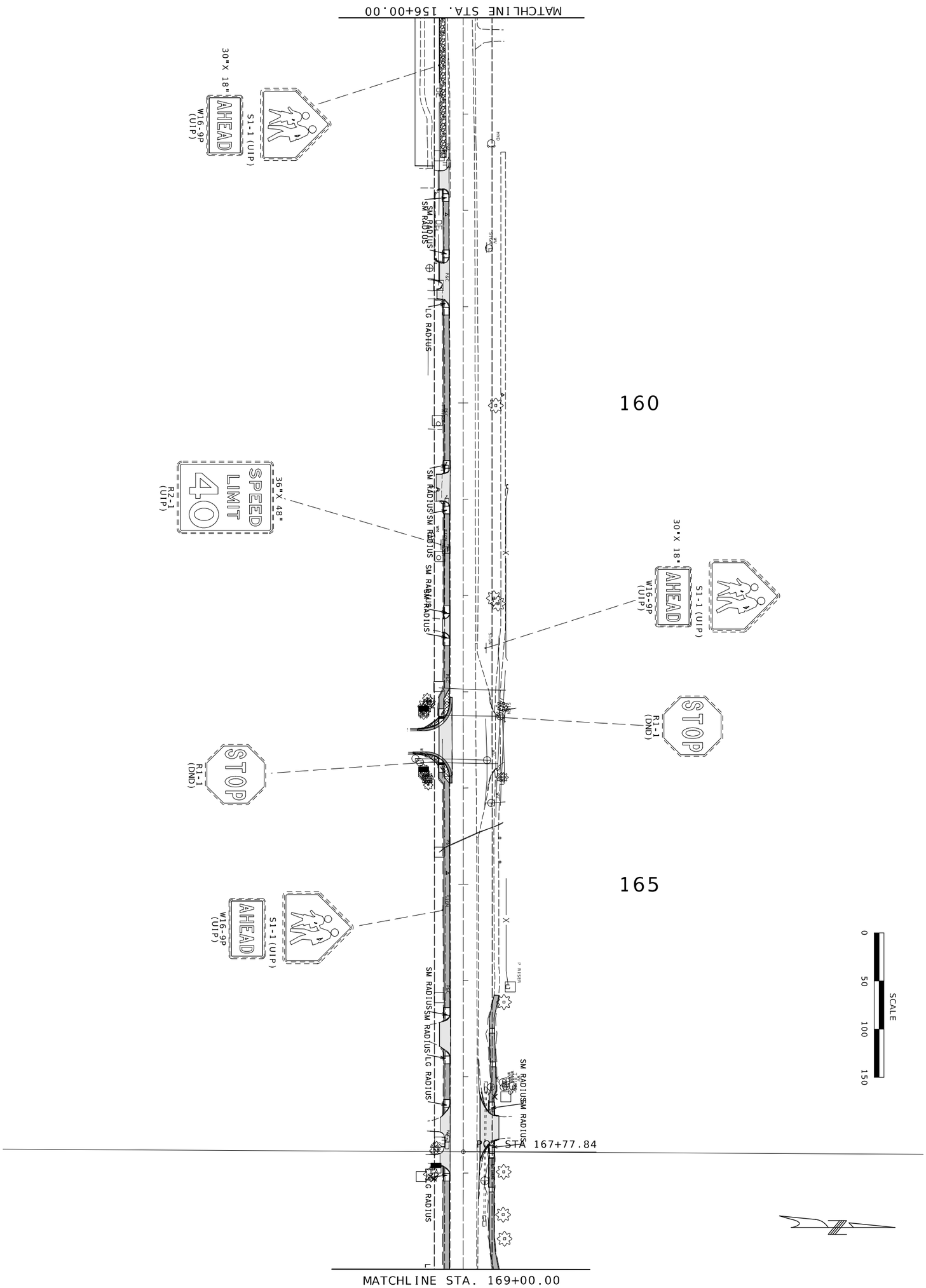
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 12



SIGNING PLAN
SHEET 13

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
J6S3633

JOB NO.

COUNTY
ST. LOUIS

DISTRICT
SL

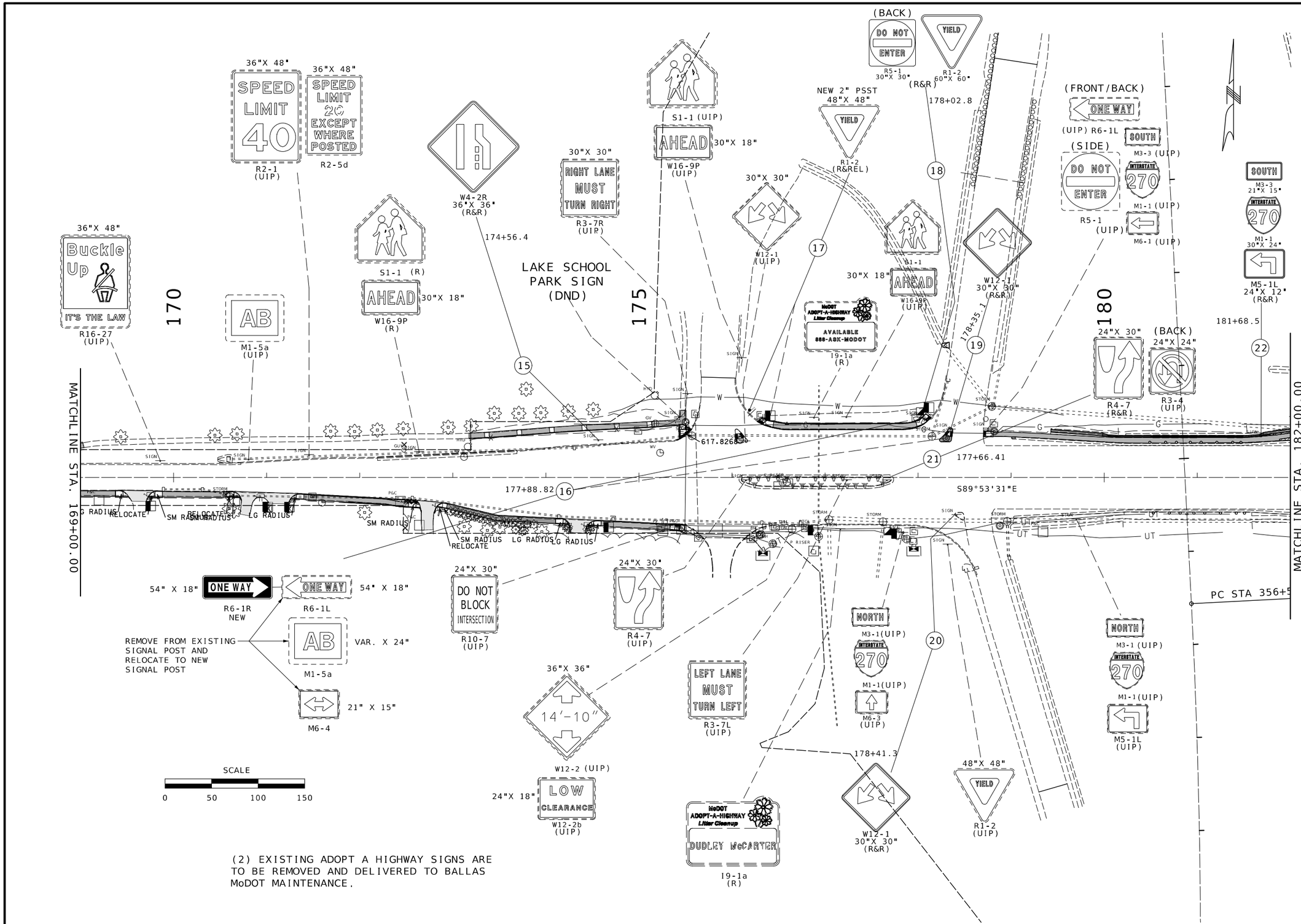
SHEET NO.
162

ROUTE
AB

STATE
MO

DATE PREPARED
6/5/2024

STATE OF MISSOURI
PROFESSIONAL ENGINEER
ROBIN DUANE HUGHEL
NUMBER PE-2009019987
CIVIL
06/12/2024 1:44:59 PM
STUART.HUGHEL@MODOT.MO.GOV
MO-PE-2009019987



(2) EXISTING ADOPT A HIGHWAY SIGNS ARE TO BE REMOVED AND DELIVERED TO BALLAS MoDOT MAINTENANCE.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/10/2024 3:29:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	163

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

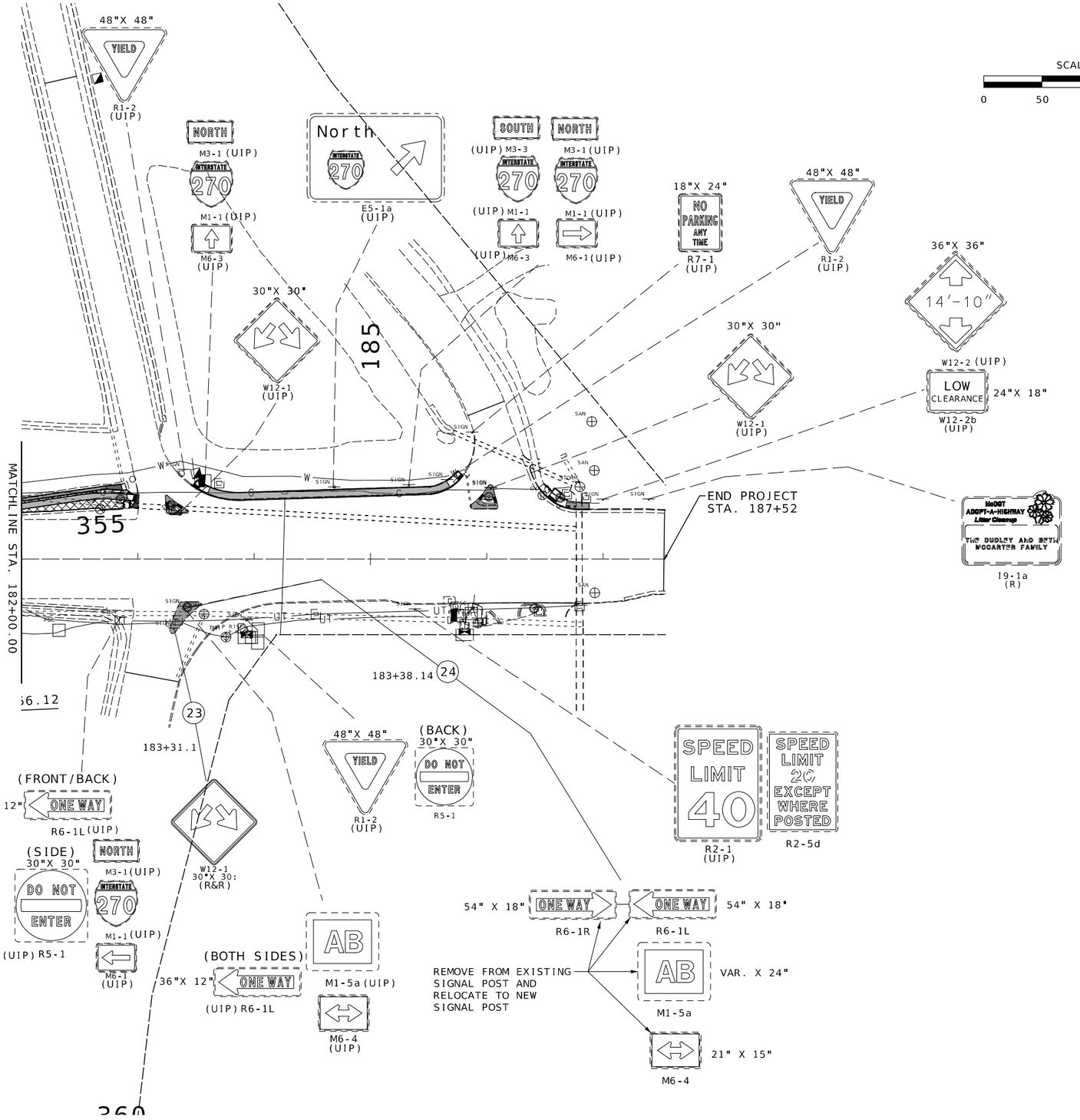
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 14



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:29:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	164

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGNING PLAN
SHEET 15

EFFECTIVE: 07-01-2022

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																							2 IN. POST						2.5 IN. POST							
																										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	2" X 3/8" BARS @ 2.55 LBS PER FT NO. EACH	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	EACH	IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
1	24X30	11+83.10		69' RT																																
2	VAR	3+97.60		53' RT																			16.25		16.25	1										
3	48X48	4+09.04		72' RT																			14.00		14.00	1										
4	30X30	13+38.10		60' LT																																
5	VAR	0+48.20		56' RT																			16.25		16.25	1										
6	48X48	0+51.50		69' LT																			14.00		14.00	1										
7	48X48	0+57.50		46' RT																			14.00		14.00	1										
8	VAR	0+63.30		51.0' LT																			16.25		16.25	1										
9	21X15	22+09.20		51' LT																																
10	24X30	66+82.00		26' RT																																
11	12X36	72+84.60		25' RT																			13.00		13.00	1										
12	12X36	73+07.60		17' LT																			13.00		13.00	1										
13	36X48	122+93.00		19' LT																																
14	36X36	127+66.40		21' LT																			13.00		13.00	1										
15	36X36	174+56.40		41' LT																																
16	VAR	177+88.82		61' LT																																
17	48"	176+20.00		72' LT																			14.00		14.00	1										
18	VAR	178+02.80		65' LT																																
19	30X30	178+35.10		52' LT																																
20	30X30	178+41.30		40' RT																																
21	24X30	177+66.41		3' RT																																
22	VAR	181+68.50		45' LT																																
23	30X30	183+31.10		59' RT																																
24	VAR	183+38.14		43' RT																																
SUBTOTAL																									143.75	10									
TOTAL																						**			144.00	10									

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM.SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4~6"	0.13
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

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
06/12/2024 12:30:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/5/2024

ROUTE	STATE
AB	MO

DISTRICT	SHEET NO.
SL	165

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SIGNING PLAN
SHEET 16

EFFECTIVE: 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE — SIGN DESCRIPTION, SIZES & NUMBER OF EACH																			
			M1-1	M5-5a	M3-3	M5-1L	M5-2L	M6-4	OM3-R	R1-1	R1-2	R2-1	R4-7	R5-1	R6-1L	R6-1R	W4-2R	W11-2	W12-1	W16-7P		
1	11+83.10	69' RT											1									
2	3+97.60	53' RT																1		1		
3	4+09.04	72' RT									1											
4	13+38.10	60' LT					1															
5	0+48.20	56' RT																1		1		
6	0+51.50	69' LT									1											
7	0+57.50	46' RT									1											
8	0+63.30	51' RT																1		1		
9	22+09.20	51' LT					1															
10	66+82.00	26' RT											1									
11	72+84.60	25' RT							1													
12	73+07.60	17' LT							1													
13	122+93.00	19' LT										1										
14	127+66.40	21' LT								1												
15	174+56.40	41' LT															1					
16	177+88.82	61' LT		*				*							*	*						
17	176+20.00	72' LT									1											
18	178+02.80	65' LT									1			1								
19	178+35.10	52' LT																	1			
20	178+41.30	40' RT																	1			
21	177+66.41	3' RT											1									
22	181+68.50	45' LT	1		1	1																
23	183+31.10	59' RT																	1			
24	183+38.14	43' RT		*				*							*	*						

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER		SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
				SIZE SF	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
M1-1	22		1	3.50	3.50			
M3-3	22		1	2.19	2.19			
M5-1L	22		1	2.00	2.00			
M5-2L	9		1	2.19	2.19			
OM3-R	11,12		2	3.00		6.00		
R1-1	14		1	9.00	9.00			
R1-2	18		1	10.60	10.60			
R2-1	13		1	12.00	12.00			
R4-7	1,10,21		3	5.00	15.00			
R5-1	18		1	6.25	6.25			
R6-1R	16		1	6.75	6.75			
W4-2R	15		1	7.00		7.00		
W11-2	2,5,8		3	9.00		27.00		
W12-1	4,19,20,23		4	6.25		11.25		
W16-7P	2,5,8		3	3.75		3.75		
D3-1	SIGNAL SIGN		4	**7.50				
D3-1b	SIGNAL SIGN		2	**12.00				
TOTAL					70	55		

* ORANGE, YELLOW & YELLOW/GREEN

* INSTALLED ON SIGNAL POST.
** PAID FOR BY 902-08.33 - SH-FLAT SHEET-SIGNAL SIGN

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:30:18 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

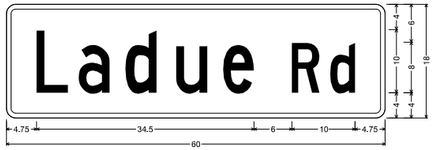
DATE PREPARED: 6/5/2024
ROUTE: AB | STATE: MO
DISTRICT: SL | SHEET NO.: 166
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SIGNING PLAN
SHEET 17

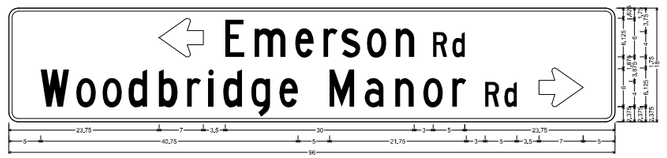
SHEET NO.	120, 127, 134
STATION	178+73.1, 182+97.7, 186+15.9, 186+18.9
ROADWAY	AB



D3-1 SH-FLAT SHEET:
1,500" Radius, 0.750" Border, White on, Green;
"Ladue", C: "Rd", C:
Table of letter and object lefts

L	a	d	u	e	R	d
4,750	11,500	18,875	26,875	34,375	45,250	51,250

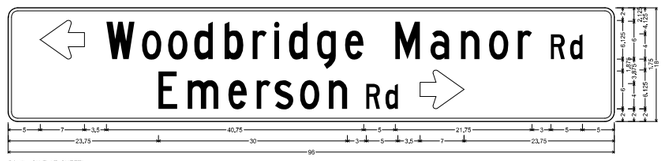
SHEET NO.	134
STATION	186+35.0
ROADWAY	AB



D3-1b SH-FLAT SHEET:
1,500" Radius, 0,500" Border, White on, Green;
Standard Arrow Custom 7,000" X 6,125" 180°: "Emerson", C: "Rd", C: "Woodbridge Manor", C: "Rd", C: Standard Arrow Custom 7,000" X 6,125" 0°:
Table of letter and object lefts

23,750	L	34,250	m	38,875	x	45,375	r	48,875	t	52,750	o	58,750	n	61,250	B	67,250	d	70,250				
5,000	a	10,750	i	14,875	c	19,000	h	23,750	p	28,250	l	31,625	f	34,000	u	38,375	e	42,875	s	50,750	z	56,375	a	61,250	c	65,625	/	70,250	R	75,500	c	78,500	0	84,000

SHEET NO.	134
STATION	186+03.7
ROADWAY	AB



D3-1b SH-FLAT SHEET:
1,500" Radius, 0,500" Border, White on, Green;
Standard Arrow Custom 7,000" X 6,125" 180°: "Woodbridge Manor", C: "Rd", C: "Emerson", C: "Rd", C: Standard Arrow Custom 7,000" X 6,125" 0°:
Table of letter and object lefts

5,000	W	15,500	c	21,250	5	25,375	6	28,500	5	34,250	r	38,750	t	42,125	4	44,500	5	48,875	4	53,375	N	61,250	6	66,875	5	71,750	0	76,125	r	80,750	B	86,000	86,000
t	m	t	r	h	0	h	0	R	6													
23,750	28,375	34,875	39,375	42,250	46,250	50,750	56,750	59,750	65,250													

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:39:26 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/6/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	167

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

SIGNING PLAN
SHEET 18

CONNECTIONS TO POWER
TO BE MADE BY OTHERS.

NEW PREFORMED LIGHTING
PULL BOX TYPE 1

NEW CONDUIT, 4 IN. PUSHED
NEW CABLE-CONDUIT, 1 INCH
2 CONDUCTORS AND 1 BARE
NEUTRAL, 8 AWG

NEW PREFORMED LIGHTING
PULL BOX TYPE 1

SB I-270 OFF

NB I-270 ON

180

355

ROUTE AB

S89°53'31"E

NEW PREFORMED LIGHTING
PULL BOX TYPE 1

NEW CONDUIT, 4 IN. PUSHED
NEW CABLE-CONDUIT, 1 INCH
2 CONDUCTORS AND 1 BARE
NEUTRAL, 8 AWG

NEW PREFORMED LIGHTING
PULL BOX TYPE 1

PC STA 356+56.12

NB I-270 OFF

SB I-270 ON

SCALE
0 20 40 60

LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
∅	POWER SUPPLY		LED-C LUMINAIRE
	PULL BOX PREFORMED TYPE 1	P.S.	POWER SOURCE
	PULL BOX (EXISTING)		CONDUIT, RIGID (PUSHED)

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
06/12/2024 12:30:36 PM
STUART ROBINSON McNEIL CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	168

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

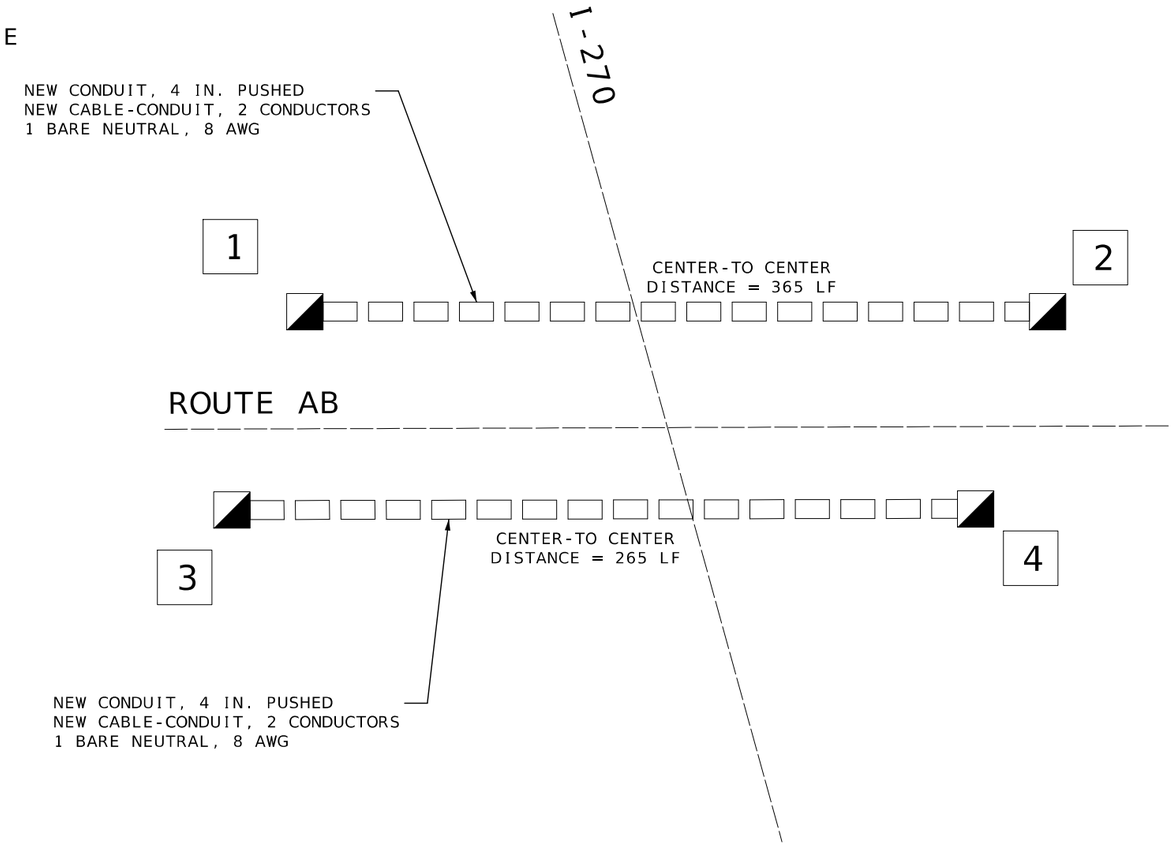
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LIGHTING
SHEET 1 OF 2

NOT TO SCALE



CONNECTIONS TO POWER TO BE MADE BY OTHERS.

LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
∅	POWER SUPPLY		LED-C LUMINAIRE
	PULL BOX PREFORMED TYPE 1	P.S	POWER SOURCE
	PULL BOX (EXISTING)		CONDUIT, RIGID (PUSHED)

LIGHTING LUMINAIRES

STA	OFFSET	RTE	LUMINAIRE LED-C EA	COMMENTS
174+67.41	54' RT	AB	1	
176+41.19	67' LT	AB	1	
177+76.69	60' RT	AB	1	
178+11.64	75' LT	AB	1	
183+58.62	85' RT	AB	1	
183+57.76	67' LT	AB	1	
185+74.54	48' RT	AB	1	
186+03.73	64' LT	AB	1	
186+03.73	64' LT	AB	1	
TOTALS			9	

LIGHTING CONDUIT AND CABLE-CONDUIT LIGHTING PULL BOXES

FROM	TO	CENTER TO CENTER DISTANCE L.F.	4 INCH RIGID CONDUIT PUSHED L.F.	1 INCH CABLE CONDUIT 2 CONDUCTORS 1 BARE NEUTRAL 8 AWG L.F.	PULL BOX NO.	STA	ROUTE	OFFSET	TYPE 1 PREFORMED PULL BOX TYPE 1 DRAIN EA.
PB1	PB2	365.0	363.0	377.0	PBL1	178+93.35	AB	105' LT	1
PB3	PB4	265.0	263.0	277.0	PBL2	182+52.08	AB	80' LT	1
					PBL3	179+03.67	AB	78' RT	1
					PBL4	181+68.76	AB	87' RT	1
				5% FOR SNAKING					
				32.7					
		TOTALS	626.0	686.7				TOTALS	4.0
		PAY TOTALS	626	690				PAY TOTALS	4.0

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:31:35 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/12/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	169

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

LIGHTING
SHEET 2 OF 2

STRIPING LEGEND

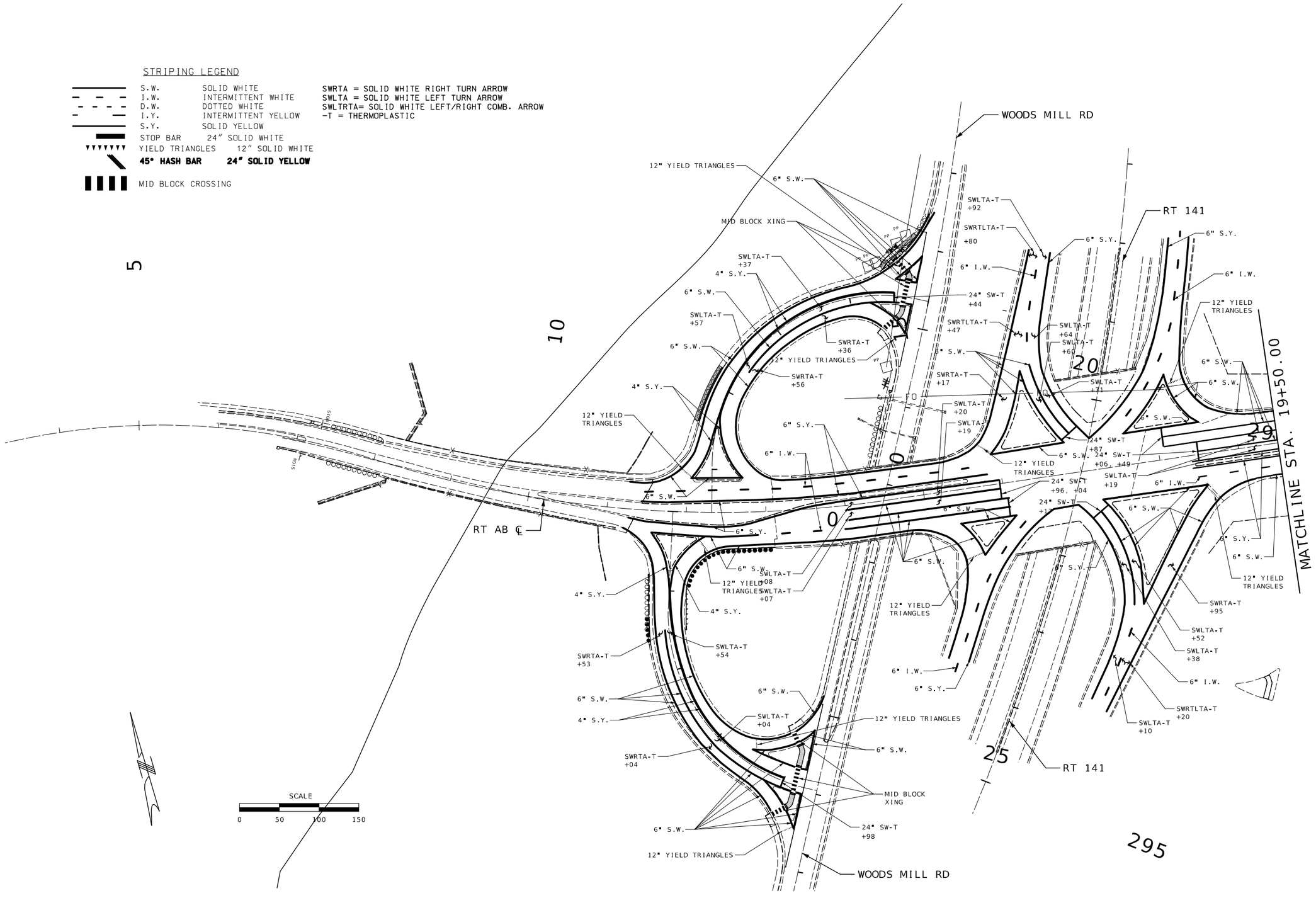
S.W.	SOLID WHITE	SWRTA = SOLID WHITE RIGHT TURN ARROW
I.W.	INTERMITTENT WHITE	SWLTA = SOLID WHITE LEFT TURN ARROW
D.W.	DOTTED WHITE	SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
I.Y.	INTERMITTENT YELLOW	-T = THERMOPLASTIC
S.Y.	SOLID YELLOW	

STOP BAR 24" SOLID WHITE

YIELD TRIANGLES 12" SOLID WHITE

45° HASH BAR 24" SOLID YELLOW

MID BLOCK CROSSING



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:31:14 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	170

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

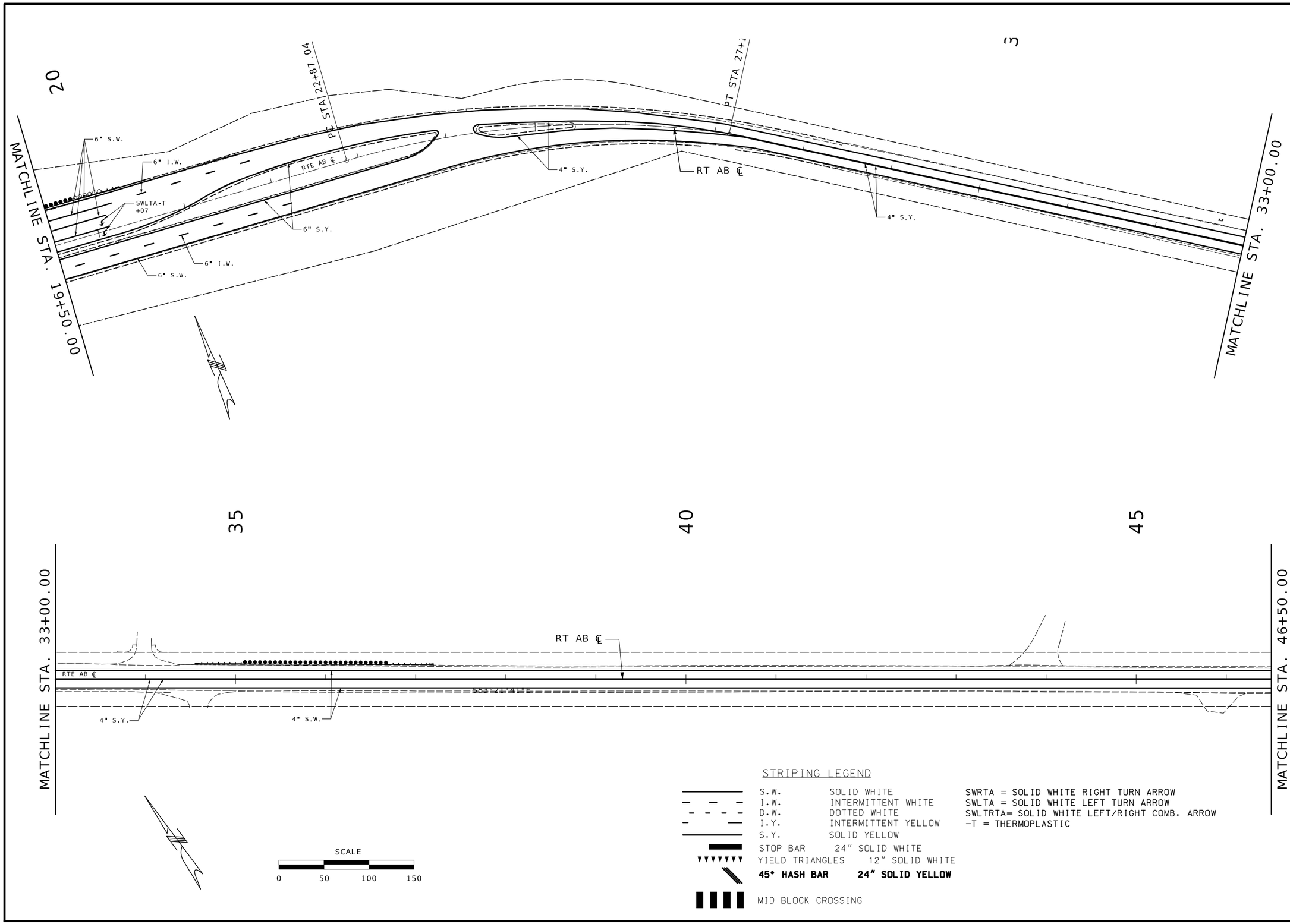
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

PAVMENT MARKING
SHEET 1 OF 8



STRIPING LEGEND

S.W.	SOLID WHITE	SWRTA = SOLID WHITE RIGHT TURN ARROW
I.W.	INTERMITTENT WHITE	SWLTA = SOLID WHITE LEFT TURN ARROW
D.W.	DOTTED WHITE	SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
I.Y.	INTERMITTENT YELLOW	-T = THERMOPLASTIC
S.Y.	SOLID YELLOW	

STOP BAR 24" SOLID WHITE

YIELD TRIANGLES 12" SOLID WHITE

45° HASH BAR 24" SOLID YELLOW

MID BLOCK CROSSING

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:31:34 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	171

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

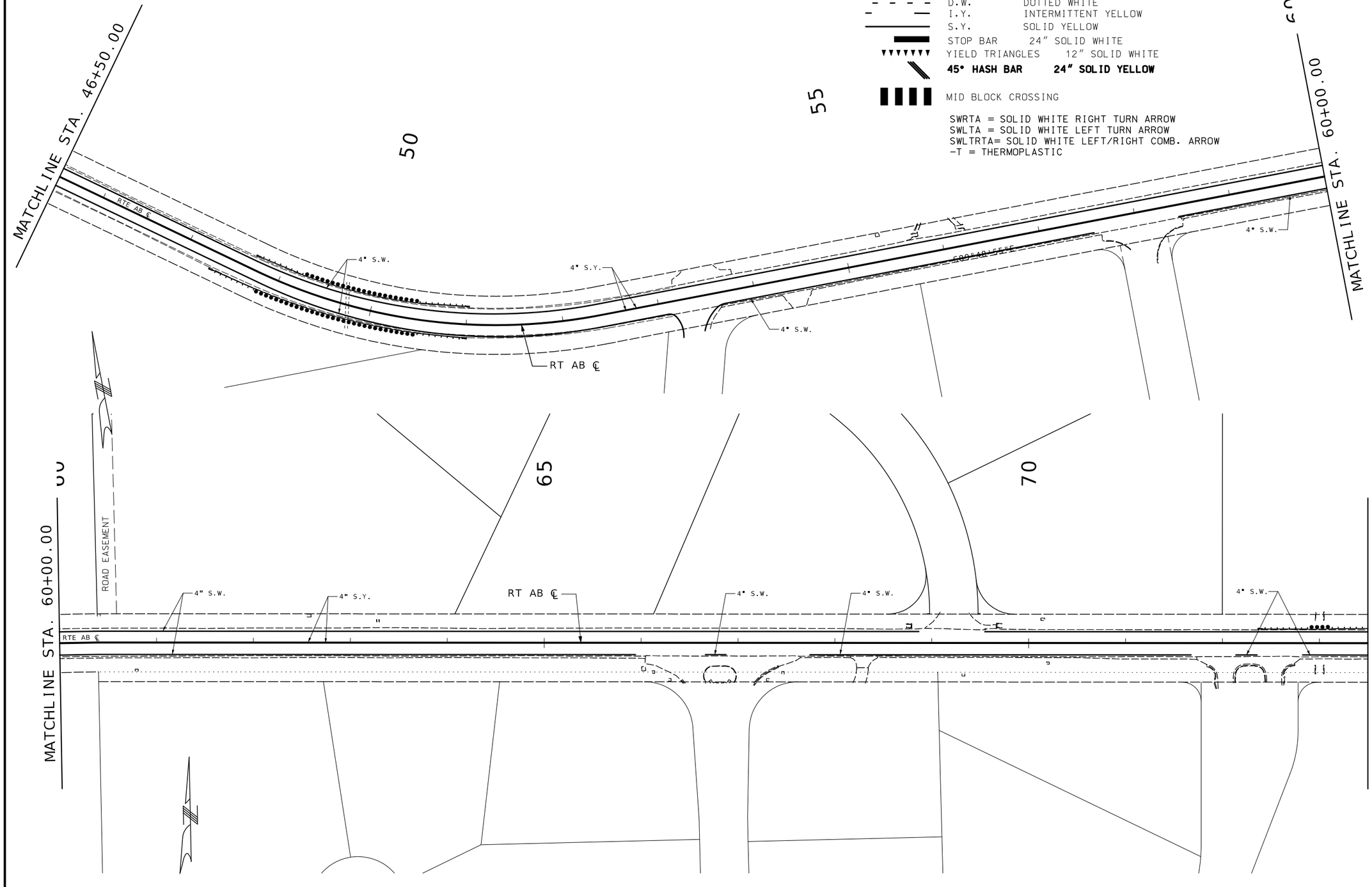
PAVEMENT MARKING
SHEET 2 OF 8

SCALE
0 50 100 150

STRIPING LEGEND

S.W.	SOLID WHITE
I.W.	INTERMITTENT WHITE
D.W.	DOTTED WHITE
I.Y.	INTERMITTENT YELLOW
S.Y.	SOLID YELLOW
STOP BAR	24" SOLID WHITE
YIELD TRIANGLES	12" SOLID WHITE
45° HASH BAR	**24" SOLID YELLOW**
MID BLOCK CROSSING	

SWRTA = SOLID WHITE RIGHT TURN ARROW
SWLTA = SOLID WHITE LEFT TURN ARROW
SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
-T = THERMOPLASTIC



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2009019687
PROFESSIONAL ENGINEER
08/12/2024 12:31:42 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2009019687

DATE PREPARED	6/11/2024
ROUTE	AB
STATE	MO
DISTRICT	SL
SHEET NO.	172
COUNTY	ST. LOUIS
JOB NO.	J6S3633
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION
DATE

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

PAVEMENT MARKING
SHEET 3 OF 8

STRIPING LEGEND

S.W.	SOLID WHITE
I.W.	INTERMITTENT WHITE
D.W.	DOTTED WHITE
I.Y.	INTERMITTENT YELLOW
S.Y.	SOLID YELLOW
STOP BAR	24" SOLID WHITE
YIELD TRIANGLES	12" SOLID WHITE
45° HASH BAR	**24" SOLID YELLOW**
MID BLOCK CROSSING	

SWRTA = SOLID WHITE RIGHT TURN ARROW
SWLTA = SOLID WHITE LEFT TURN ARROW
SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
-T = THERMOPLASTIC

SCALE
0 50 100 150

75 80 85 90 95 100

MATCHLINE STA. 73+50.00

MATCHLINE STA. 87+00.00

MATCHLINE STA. 87+00.00

MATCHLINE STA. 100+50.00

RTE AB ℄

RT AB ℄

4" S.W.
4" S.Y.
24" S.Y.
SWLTA-T +83
SWLTA-T +63
SWLTA-T +45
SWLTA-T +17
SWLTA-T +39
SWLTA-T +05
SWLTA-T +07
24" SW-T +81,+92
24" SW-T +40,+56
24" SW-T +45,+54
24" SW-T +00,+16
SWLTA-T +26
12" YIELD TRIANGLES
MID BLOCK XING
10' ESMT SIDEWALK & UTILITY
MASON RD

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:31:50 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	173

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

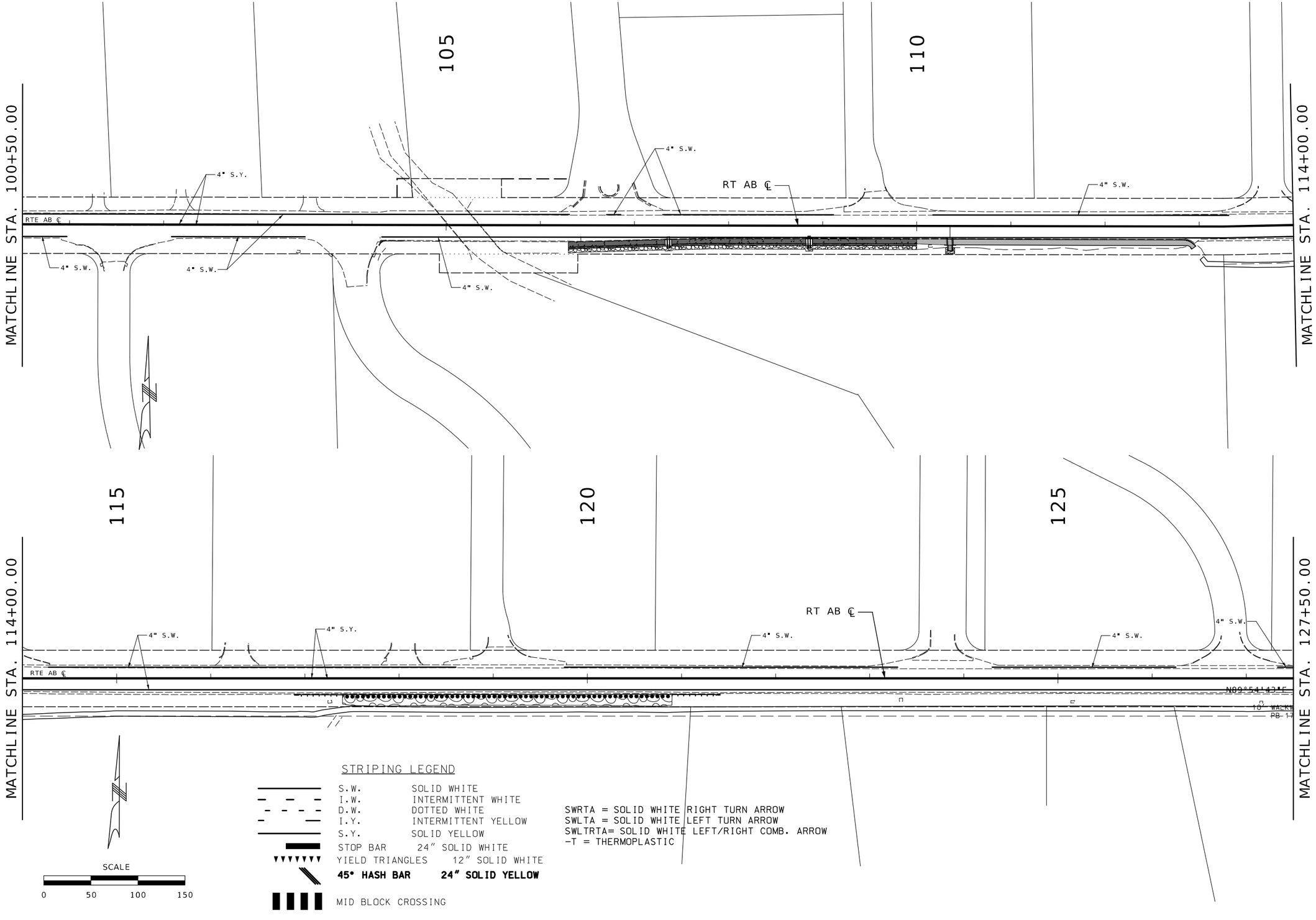
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PAVEMENT MARKING
SHEET 4 OF 8



STRIPING LEGEND

S.W.	SOLID WHITE
I.W.	INTERMITTENT WHITE
D.W.	DOTTED WHITE
I.Y.	INTERMITTENT YELLOW
S.Y.	SOLID YELLOW
STOP BAR	24" SOLID WHITE
YIELD TRIANGLES	12" SOLID WHITE
45° HASH BAR	**24" SOLID YELLOW**
MID BLOCK CROSSING	

SWRTA = SOLID WHITE RIGHT TURN ARROW
SWLTA = SOLID WHITE LEFT TURN ARROW
SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
-T = THERMOPLASTIC

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
05/12/2024 12:32:04 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	174

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PAVEMENT MARKING SHEET 5 OF 8

SCALE
0 50 100 150

MATCHLINE STA. 127+50.00

130

135

140

POT STA 140+95.40

MATCHLINE STA. 141+00.00

4" S.W.

4" S.W.

4" S.Y.

4" S.W.

RTE AB ℄

RT AB ℄

4" S.W.

AY EASEMENT
2, PG 6

STRIPING LEGEND

S.W.	SOLID WHITE	SWRTA = SOLID WHITE RIGHT TURN ARROW
I.W.	INTERMITTENT WHITE	SWLTA = SOLID WHITE LEFT TURN ARROW
D.W.	DOTTED WHITE	SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
I.Y.	INTERMITTENT YELLOW	-T = THERMOPLASTIC
S.Y.	SOLID YELLOW	
STOP BAR	24" SOLID WHITE	
YIELD TRIANGLES	12" SOLID WHITE	
45° HASH BAR	**24" SOLID YELLOW**	
MID BLOCK CROSSING		

145

150

MATCHLINE STA. 141+00.00

MATCHLINE STA. 154+50.00

4" S.W.

RT AB ℄

4" S.W.

RTE AB ℄

4" S.W.

4" S.Y.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:32:13 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	175

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

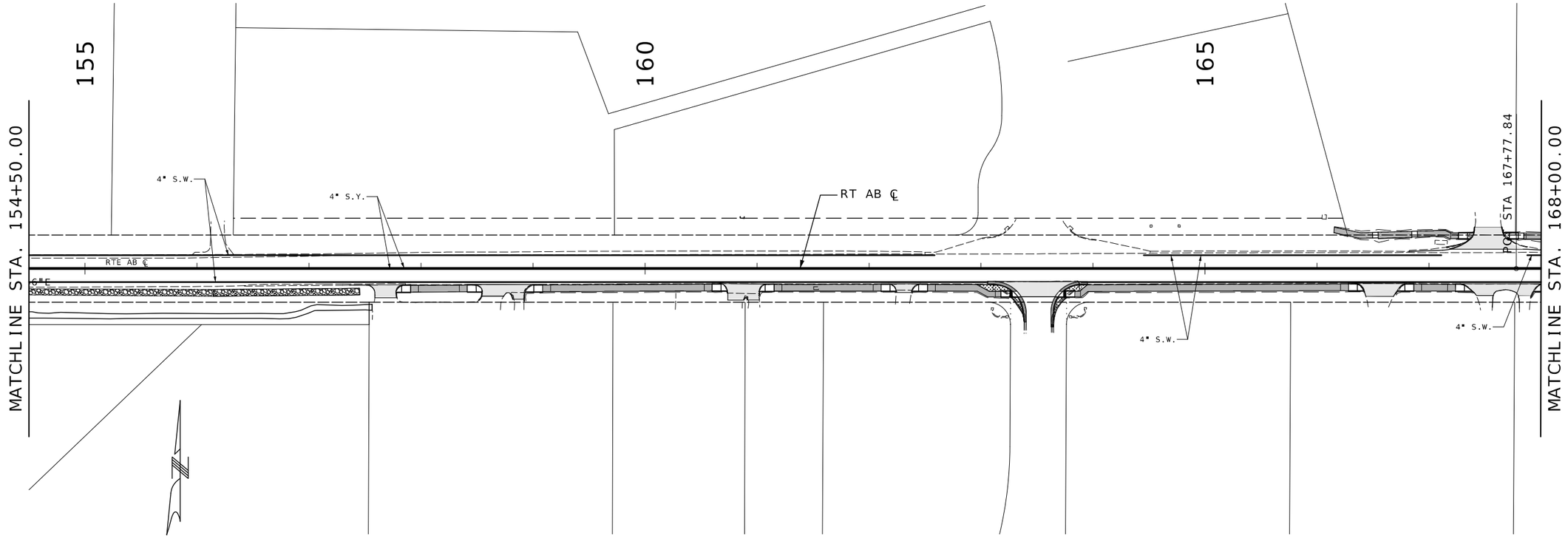
BRIDGE NO.

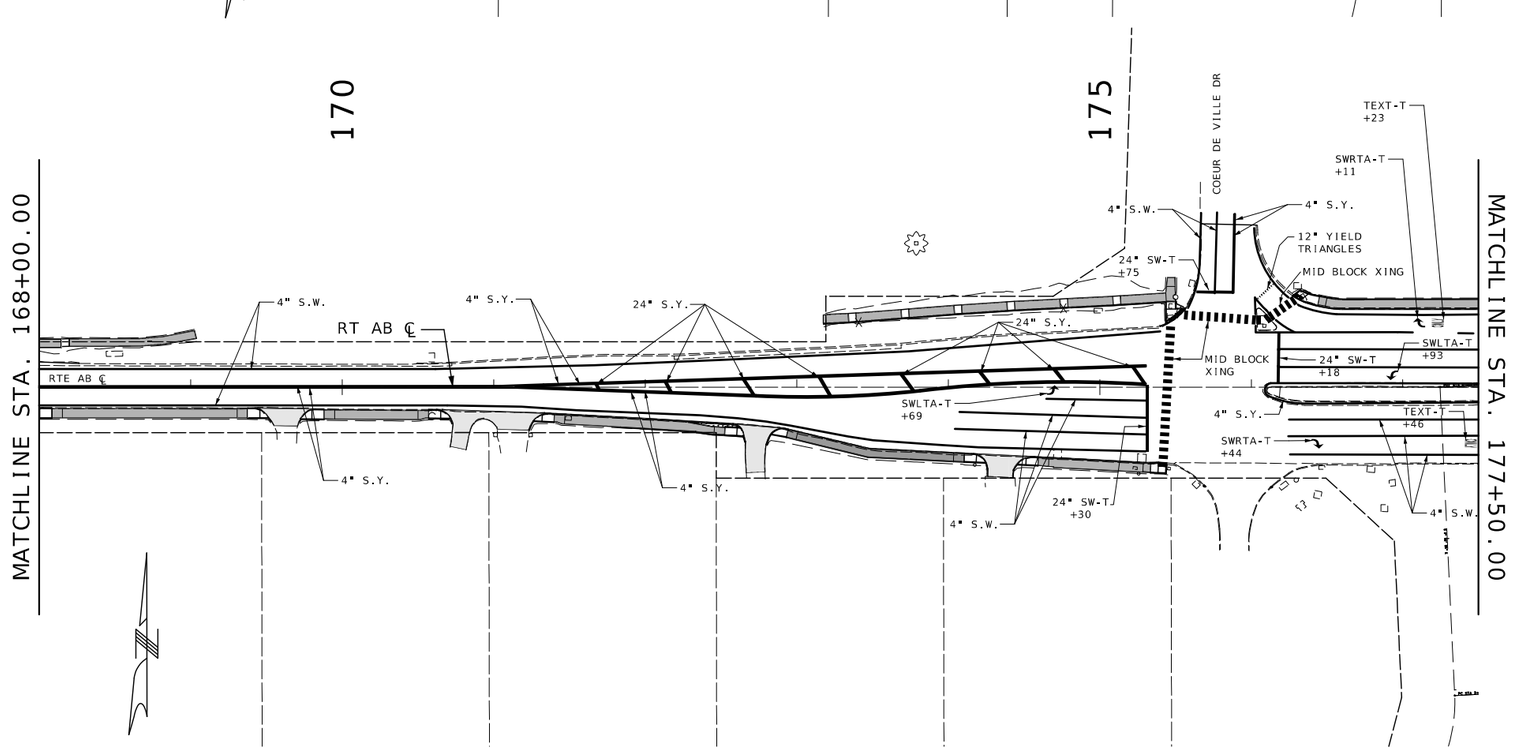
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKING
SHEET 6 OF 8





STRIPING LEGEND

S.W.	SOLID WHITE
I.W.	INTERMITTENT WHITE
D.W.	DOTTED WHITE
I.Y.	INTERMITTENT YELLOW
S.Y.	SOLID YELLOW
STOP BAR	24" SOLID WHITE
YIELD TRIANGLES	12" SOLID WHITE
45° HASH BAR	**24" SOLID YELLOW**
MID BLOCK CROSSING	

SWRTA = SOLID WHITE RIGHT TURN ARROW
SWLTA = SOLID WHITE LEFT TURN ARROW
SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
-T = THERMOPLASTIC

SCALE
0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:32:23 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	176

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

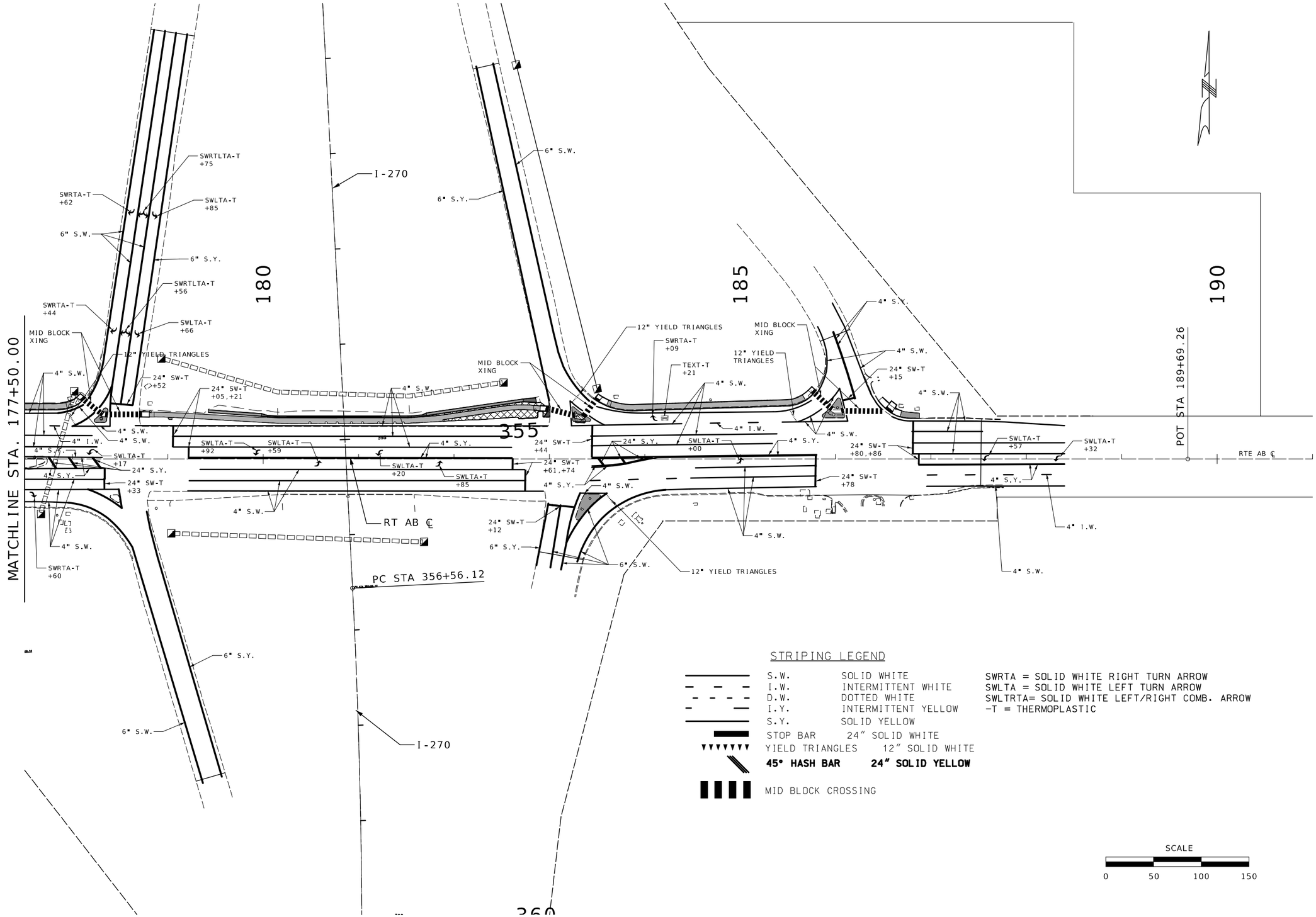
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PAVEMENT MARKING
SHEET 7 OF 8



STRIPING LEGEND

S.W.	SOLID WHITE	SWRTA = SOLID WHITE RIGHT TURN ARROW
I.W.	INTERMITTENT WHITE	SWLTA = SOLID WHITE LEFT TURN ARROW
D.W.	DOTTED WHITE	SWLTRTA= SOLID WHITE LEFT/RIGHT COMB. ARROW
I.Y.	INTERMITTENT YELLOW	-T = THERMOPLASTIC
S.Y.	SOLID YELLOW	
STOP BAR	24" SOLID WHITE	
YIELD TRIANGLES	12" SOLID WHITE	
45° HASH BAR	**24" SOLID YELLOW**	
MID BLOCK CROSSING		

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:32:33 PM
STUART ROBINSON McNEIL, CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	177

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

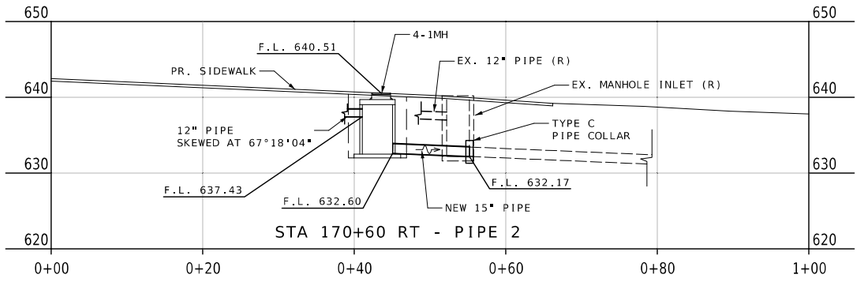
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

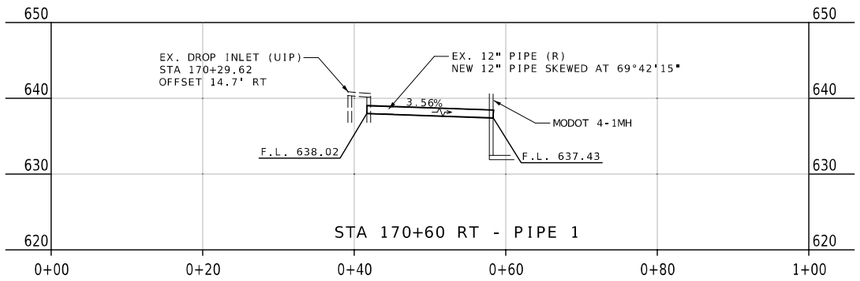
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PAVEMENT MARKING
SHEET 8 OF 8

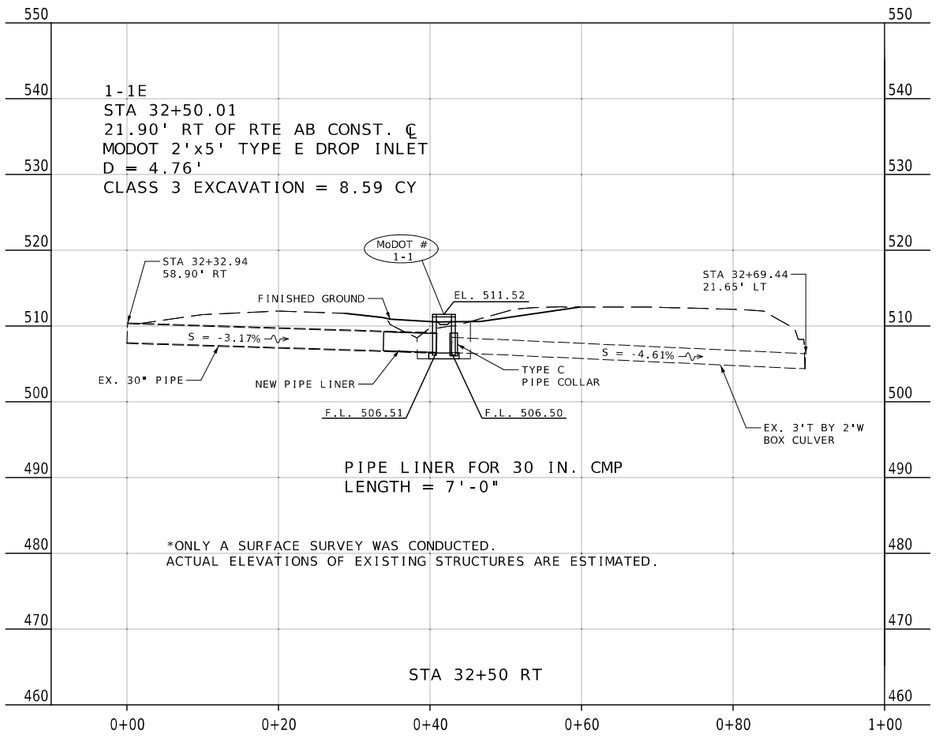


4-1MH
STA 170+48.70
19' RT OF RTE AB CONST. ℄
MODOT 48 IN. PRECAST MANHOLE
W/ TYPE 2 FRAME AND COVER
D = 8'
CLASS 3 EXCAVATION = 9.21 CY

4-1MH TO EX. MH
15" x 11' GROUP "A" PIPE
CL. 3 EXC. = 3.81 CY



EX. DI TO 4-1MH
12" x 17' GROUP "A" PIPE
CL. 3 EXC. = 4.57 CY



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
06/12/2024 12:40:58 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
6/11/2024

ROUTE	STATE
AB	MO
DISTRICT	SHEET NO.
SL	178

COUNTY
ST. LOUIS

JOB NO.
J6S3633

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

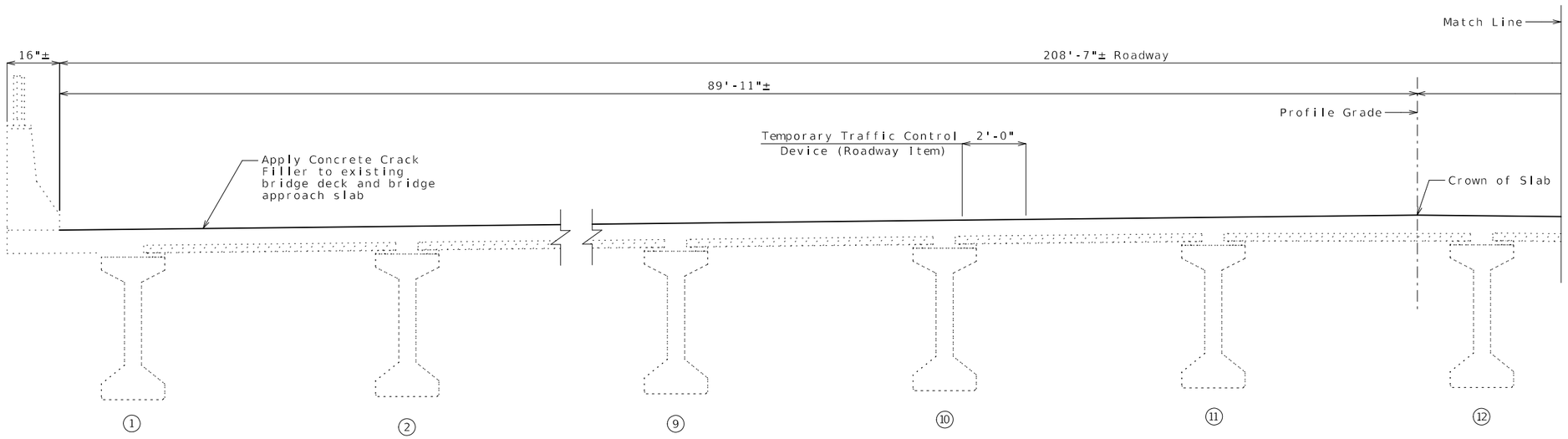
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

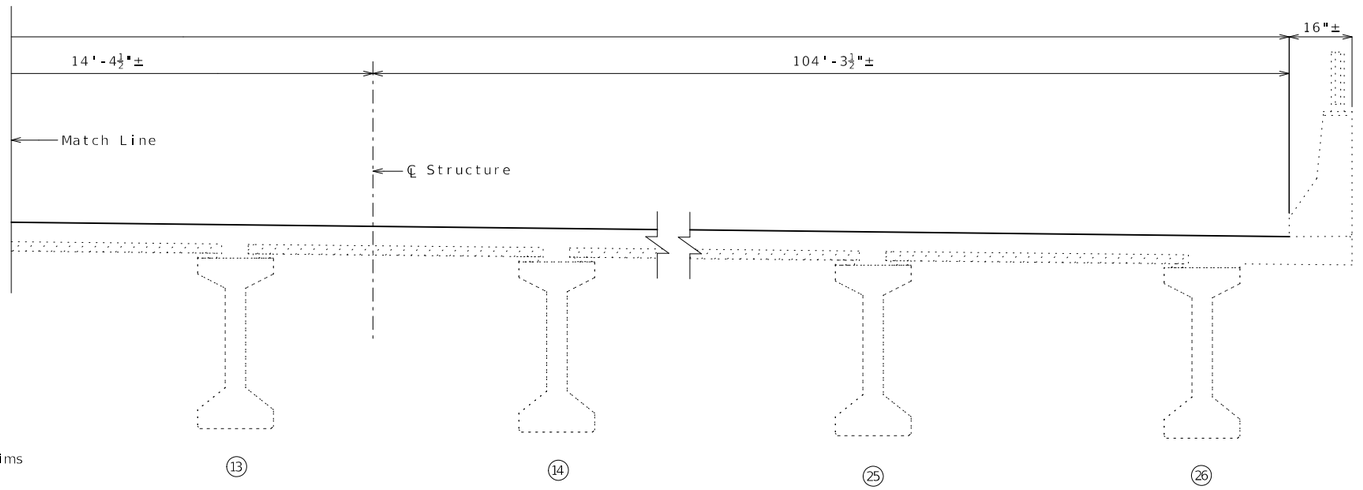
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CULVERT SECTIONS

SEC/SUR 109 TWP 45N RGE 5E

U.I.P. AND REHABILITATE EXISTING (94')
PRESTRESSED CONCRETE I-GIRDER SPAN (SKEW: 21°21'22")





General Notes:

Design Specifications:

2007 AASHTO LFRD 4th Edition and 2008 Interims
Bridge Deck Rating = 6

Design Loading:

HL-93 (2008 & New Construction)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new material.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

TYPICAL SECTION THRU EXISTING DECK

Bridge Number	County	Route Carried	Bridge Over	Bridge Deck Rating	Average Roadway Width ± (feet)	Length of Bridge Deck (feet) (1)	Bridge Skew (degrees)	Estimated Area of Bridge Approach Slab (sq. yard)	Estimated Quantity of Concrete Crack Filler (sq. yard) (2)
Bid Quantities:									
A78081	St. Louis	AB	141	6	208'-7"	95'-2¼"	21°21'22"	1,016	3,222

Estimated quanity of concrete crack filler excludes all 8" raised curbs on the approach slabs.

(1) End of slab to end of slab.

(2) Estimated area of bridge approach slabs to be coated with Concrete Crack Filler is included in this quanitity. See special provisions.

REPAIRS TO BRIDGE: ROUTE AB OVER ROUTE 141

ROUTE AB FROM ROUTE 340 TO ROUTE I-270
ABOUT 1.8 MILE EAST OF ROUTE 340
BEGINNING STATION 17+52.97± (Match Existing)

Detailed Mar. 2024
Checked Mar. 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

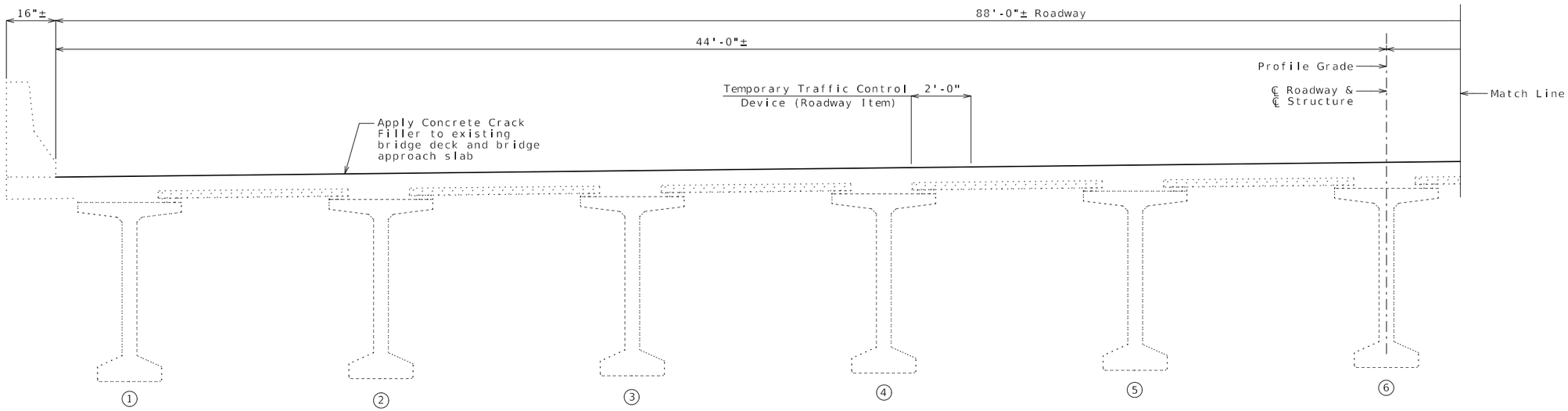
DATE PREPARED: 4/17/2024
ROUTE: AB | STATE: MO
DISTRICT: BR | SHEET NO.: 1
COUNTY: ST. LOUIS
JOB NO.: J6S3633
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A78081

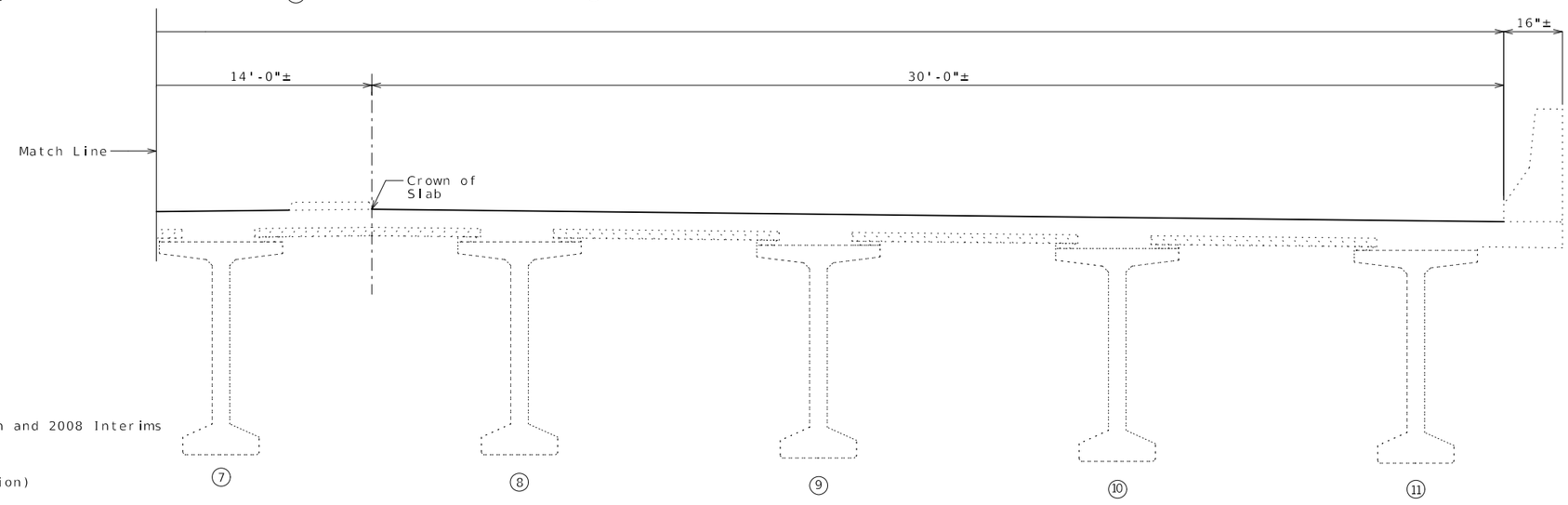
DESCRIPTION | DATE

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

SEC/SUR 109 TWP 45N RGE 5E

U.I.P. AND REHABILITATE EXISTING (125')
PRESTRESSED CONCRETE BULB TEE-GIRDER SPAN (SKEW: 21°9'7")





TYPICAL SECTION THRU EXISTING DECK

General Notes:

Deisgn Specifications:

2007 AASHTO LRFD 4th Edition and 2008 Interims
Bridge Deck Ratign = 7

Deisgn Loading:

HL-93 (2008 & New Construction)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new material.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Bridge Number	County	Route Carried	Bridge Over	Bridge Deck Rating	Average Roadway Width ± (feet)	Length of Bridge Deck (feet) (1)	Bridge Skew (degrees)	Estimated Area of Bridge Approach Slab (sq. yard)	Estimated Quantity of Concrete Crack Filler (sq. yard)
Bid Quantities:									
A78091	St. Louis	AB	Wood Mills Road	7	88'-0"	126'-3¼"	21°9'7"	530	1,708

Estimated quanity of concrete crack filler excludes all 8" raised curbs on the bridge and approach slabs.

(1) End of slab to end of slab.

(2) Estimated area of bridge approach slabs to be coated with Concrete Crack Filler is included in this quanitity. See special provisions.

REPAIRS TO BRIDGE: ROUTE AB OVER OLD WOODS MILL ROAD

ROUTE AB FROM ROUTE 340 TO ROUTE I-270
ABOUT 1.8 MILES EAST OF ROUTE 340
BEGINNING STATION 19+57.84± (Match Existing)

Detailed Mar. 2024
Checked Mar. 2024

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 4/17/2024
ROUTE AB | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. J6S3633
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A78091

DESCRIPTION | DATE

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