

WATERBORNE PVMT. MARKING PAINT															
ROUTE	STATION	LOCATION	ROUTE	STATION	LOCATION	TYPE L BEADS			TYPE P BEADS					REMARKS	
						6" SOLID YELLOW	6" SOLID WHITE	6" INTERM. WHITE	4" SOLID YELLOW		4" SOLID WHITE		4" INTERM. WHITE		
									MED.	PVMT.	MED.	PVMT.			
US 60	240+28	RT 36'	US 60	248+19	RT 49'	1580.0	LF	LF	LF	LF	LF	LF	LF	LF	SB SOLID YELLOW PVMT. MARKING AROUND MED.
US 60	240+30	RT 40'	US 60	244+07	RT 43'				763.0						SB MED. TO THE PROJECT LIMITS ALONG US 60
US 60	240+54	RT 61'	US 60	248+19	RT 61'			764.5							NB INTERM. CENTER PVMT. MARKING AFTER INTERSECTION
US 60	240+29	RT 81'	US 60	248+19	RT 73'			790.0							NB EOL ALONG 60 TO PROJECT LIMITS
NEW MM	46+10	RT 13'	US 60	240+54	RT 61'			60.3							CAT TRACK PVMT. MARKING B/W EB TO NB
FR 103	0+43	LT 31'	FR 103	1+42	LT 31'							256			SOLID PVMT. MARKING AROUND NORTH EAST ISLANDS
FR 103	0+58	LT 35'	FR 103	1+17	LT 35'						153.0				MED. PAINT ON NORTH EAST ISLAND
FR 103	1+42	LT 31'	FR 103	4+08	LT 27'							273.0			WB RT TURN LANE PVMT. MARKING TO BEGINNING OF PVMT. MARKING AROUND ISLAND
FR 103	1+06	LT 31'	FR 103	4+08	LT 17'							307.0			WB THROUGH LANE CENTER SOLID PVMT. MARKING TO STOP BAR
FR 103	1+06	LT 7'	FR 103	6+10	LT 5'							507.0			WB LT TURN LANE PVMT. MARKING TO THROUGH STOP BAR
US 60	237+63	LT 61'	FR 103	1+28	RT 5'								60.3		CAT TRACK PVMT. MARKING B/W WB TO SB
FR 103	1+28	RT 5'	FR 103	3+63	RT 7'							232.4			WB LT TURN LANE CENTER PVMT. MARKING
FR 103	1+35	RT 21'	FR 103	8+50	CL					1417.0					SOLID YELLOW PVMT. MARKING AROUND WB MED.
FR 103	1+35	RT 21'	FR 103	4+55	RT 21'				634.0						WB MED. ALONG FR 103
FR 103	1+30		FR 103	7+75								629.0			SW EDGE LINE
FR 103	240+29		FR 103	7+50								749.0			SW EDGE LINE
US 60	237+86	RT 24'	US 60	238+85	RT 24'			256.0							SOLID PVMT. MARKING AROUND SOUTH EAST ISLAND
US 60	238+11	RT 28'	US 60	238+66	RT 28'						145.0				MED. PAINT ON SOUTH EAST ISLAND
NEW MM	46+04	LT 19'	US 60	238+00	LT 23'								60.0		CAT TRACK PVMT. MARKING B/W NB TO EB
US 60	238+00	LT 19'	NEW MM	45+99	LT 23'								60.0		CAT TRACK PVMT. MARKING B/W NB TO WB
US 60	237+86	RT 23'	US 60	231+78	RT 12'			607.8							NB RT TURN LANE PVMT. MARKING TO BEGINNING OF PVMT. MARKING AROUND ISLAND
US 60	238+22	RT 12'	US 60	231+78	RT 12'			644.0							NB THROUGH LANE RT SOLID PVMT. MARKING
US 60	238+22	CL	US 60	228+50	CL						242.5				NB INTERM. CENTER PVMT. MARKING
US 60	238+22	LT 12'	US 60	233+58	LT 12'			464.0							NB LT TURN LANE PVMT. MARKING TO THROUGH STOP BAR
US 60	237+98	LT 23'	US 60	233+58	LT 24'			440.0							NB LT TURN LANE CENTER PVMT. MARKING TO STOP BAR
US 60	237+63	LT 61'	US 60	228+50	LT 61'						230.8				SB INTERM. CENTER PVMT. MARKING AFTER INTERSECTION
NEW MM	45+34	RT 88'	US 60	232+89	LT 95'			693.0							SB EOL ALONG 60 TO PROJECT LIMITS
US 60	237+98	LT 36'	US 60	228+50	LT 12'	1892.9									SOLID YELLOW PVMT. MARKING AROUND NB MED.
US 60	237+98	LT 45'	US 60	233+53	LT 43'				888.0						NB MED. ALONG US 60
US 60	236+06	LT 73'	US 60	232+89	LT 83'			317.0							SB RT TURN LANE PVMT. MARKING AFTER INTERSECTION
US 60	236+06		US 60	228+50				756.0							SW LANE LINE
US 60	228+50		FR 103	1+30				1059.0							EOL PVMT. MARKING FROM US60 TO FR 103
US 60	229+98		US 60	247+24									235.2		LT AND RT TURN LANE INTERM. PVMT. MARKING EXTENSION NB US60
US 60	244+03		US 60	247+29									174.5		LT AND RT TURN LANE INTERM. PVMT. MARKING EXTENSION SB US60
NEW MM	46+13	LT 90'	US 60	248+19	LT 90'			942.0							EDGE LINE ALONG US 60
FR 168	1+05		FR 168	5+50						890.0		890.0			DSY CENTERLINE AND SW EDGELINES
FOR MED. MARKING SPECIFICS LOOK AT PVMT. MARKING SHEETS					SUBTOTALS 2	3,473	6,969	1,299	4,592		4,141		590		
					SUBTOTALS 1	0	2,245	203	13,014		9,649		4,897		
					TOTALS	3,473	10,716		17,606		19,277				

REINFORCED CONCRETE BOX CULVERT									
STATION	ROUTE	SKEW	FILL HEIGHT	SIZE	LENGTH	CLASS B-1 CONCRETE	REINFORCING STEEL	CLASS 4 EXCAVATION	REMARKS
			FT		FT	CY	LB	CY	
191+42.35	EX. MM	0	1	DOUBLE 4' X 2'	60	49.9	6610	83	CULVERT #2
					TOTALS	49.9	6610	83	

108

1

REVISED

STATE OF MISSOURI

WARNER D. SHERMAN
10/06/2025 4:28:44 PM
WARNER D. SHERMAN II - CIVIL
NUMBER
PE-26645

PROFESSIONAL ENGINEER

Warner D. Sherman

10/06/2025 4:28:44 PM

DATE PREPARED

10/6/2025

ROUTE
MM

STATE
MO

DISTRICT
SW

SHEET NO.
3

COUNTY
GREENE

J8S0836D

CONTRACT ID.

PROJECT NO.

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

POWER SUPPLY				
ALIGNMENT	STATION	OFFSET	TYPE 2 EA.	REMARKS
ROUTE MM AND HAILE STREET INTERSECTION				
ROUTE MM (EXIST.)	178+45.00	53.00' LT.	1	
ROUNDAABOUT & BRIDGE LIGHTING				
ROUTE MM (EXIST.)	188+05.00	101.00' RT.	1	
ROUTE MM AND ROUTE 60 INTERSECTION				
ROUTE MM	46+16.10	102.30' RT.	1	
TOTAL			3	

CONTROL STATION									
ALIGNMENT	STATION	OFFSET	BASE MOUNTED CONTROL STATION 240 VOLT, 4 CIRCUIT	BREAKER (AMPS) CIRCUIT					REMARKS
				MAIN	1A	1B	1C	1D	
ROUTE MM AND HAILE STREET INTERSECTION									
ROUTE MM (EXIST.)	178+52.00	46.00' LT.	1	100	15	15	15	15	
ROUNDAABOUT & BRIDGE LIGHTING									
ROUTE MM (EXIST.)	187+97.00	95.00' RT.	1	100	15	15	15	15	
ROUTE MM AND ROUTE 60 INTERSECTION									
ROUTE MM	46+07.16	98.94' RT.	1	100	15	15	15	15	
TOTAL			3						

SANITARY SEWER RELOCATION							
			10" PVC	12" PVC	5' MANHOLE	20" STEEL CASING	
STATION	STATION	LOCATION	LF	LF	LF	LF	REMARKS
178+56.38	184+65.55	EX. MM, RT	645.9		6.3	40	LOCATION #1
15+14.65	16+96.65	PR. MM, LT & RT		408.2	24.7	340	LOCATION #2
TOTALS:			646	408	31	380	

GROUND IMPROVEMENTS
1 LUMP SUM
PORE PRESSURE MEASURING DEVICE
4 EA

PERMANENT ROAD CLOSURES							
		MGS GUARDRAIL	MGS END ANCHOR	PSST - 2" POST	FLAT SHEET FL. SHF	2" CONCRETE 7-GA ANCHOR	REMARKS
SHEET	LOCATION	LF	EA	LF	SF	EA	
31	FR 168 & EX. RTE. MM, NORTH	28	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
31	FR 168 & EX. RTE. MM, SOUTH	25	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
31	HAILE ST. & ORR ST., WEST	22	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
31	HAILE ST. & ORR ST., EAST	24	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
31	FR 170 & US 60, NORTH	26	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
31	FR 170 & US 60, SOUTH	29	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
32	FR 164 & US 60	22	2	36	9	4	4 TYPE OM4 SIGNS PER LOCATION
TOTALS		176	14	252	63	28	

RED SIGNAL AHEAD SIGN WITH LED LIGHT	1	DELETED
4 EACH		
RAILROAD ENGINEERING	1 LUMP SUM	
RAILROAD PLAN SUBMITTAL	1 LUMP SUM	
CCTV CAMERA ASSEMBLY, INSTALLED	1 EACH	

STATE OF MISSOURI

WARNER D. SHERMAN II

NUMBER
PE-26645

PROFESSIONAL ENGINEER

Warner D. Sherman

09/26/2025 7:14:02 AM

WARNER D. SHERMAN II - CIVIL

MO-PE-26645

DATE PREPARED

9/25/2025

ROUTE

STATE

MM

MO

DISTRICT

SHEET NO.

SW

3

COUNTY

GREENE

JOB NO.

J8S0836D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

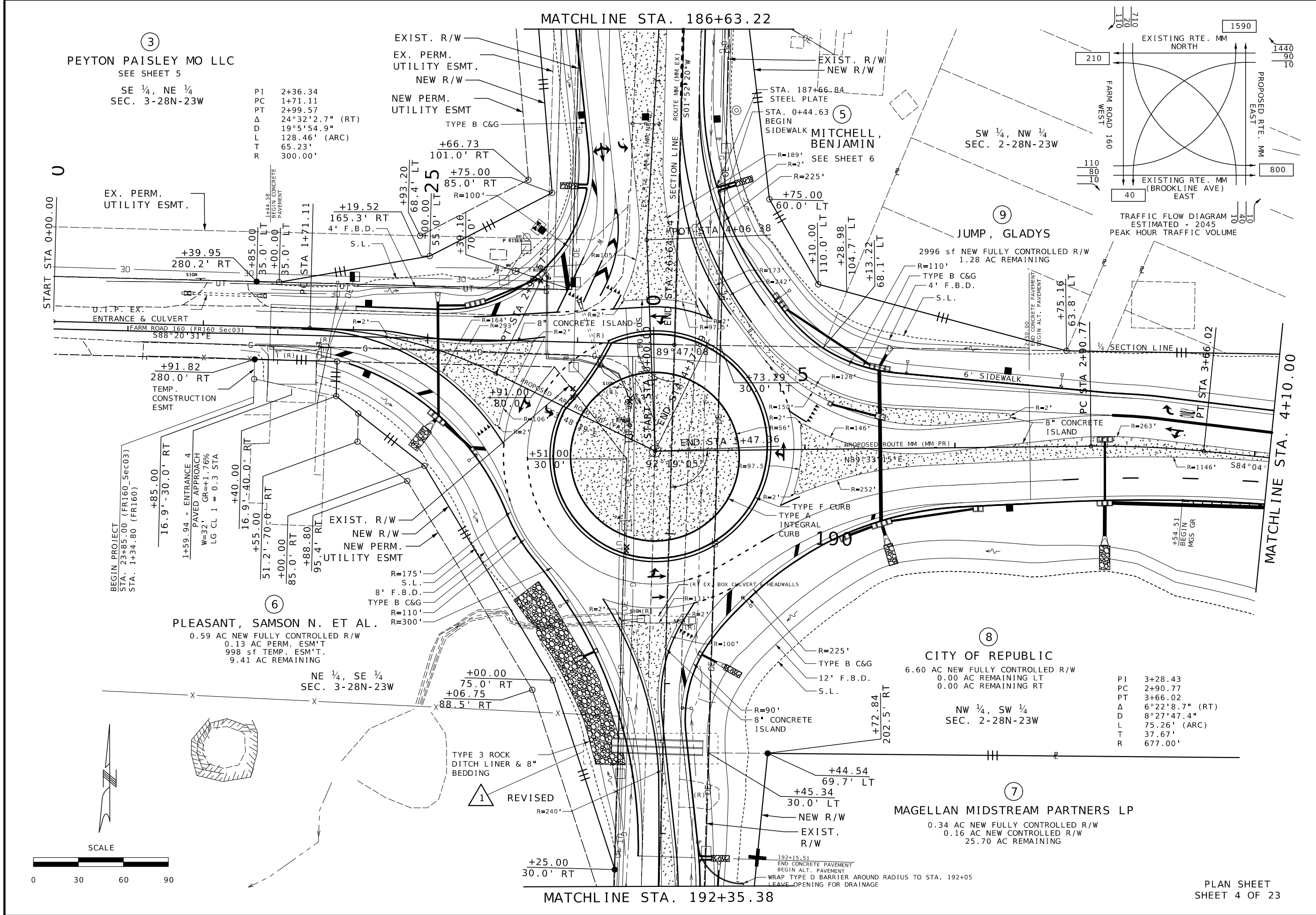
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT



STATE OF MISSOURI
WARNER D. SHERMAN
NUMBER
PE-26645
PROFESSIONAL ENGINEER

Warner D. Sherman
09/23/2025 1:55:03 PM
WARNER D. SHERMAN II - CIVIL
MO-PE-26645

DATE PREPARED
9/23/2025

ROUTE
MM

STATE
MO

DISTRICT
SW

SHEET NO.
7

COUNTY
GREENE

JOB NO.
J850836D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

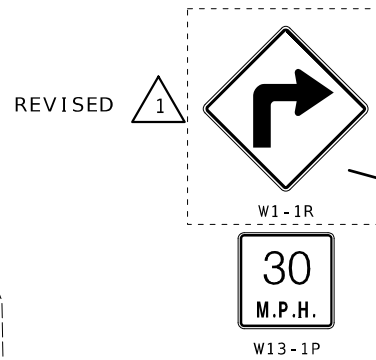
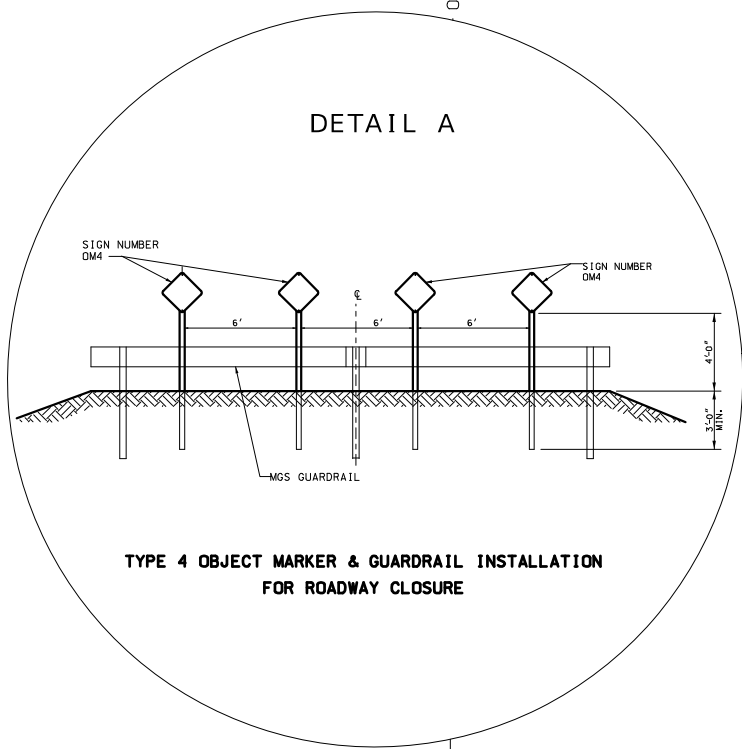
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 4 OF 23



PI 3+25.59
PC 1+97.29
PT 4+34.37
 Δ 54°20'2.0" (LT)
D 22°55'5.9"
L 237.08' (ARC)
T 128.30'
R 250.00'



W1-8

STA. 5+50.00
END PAVEMENT
REPLACEMENT

ADDED 1

FARM ROAD 168 R (FR168)
N36°37'41"E

STA. 5+42.21

SCALE

0 20 40 60

PAVEMENT REMOVAL

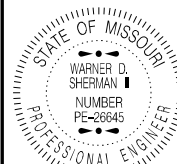
PAVEMENT REPLACEMENT

NOTES:

1. NORTHING/EASTING REPORTED IN MODIFIED STATE PLANE COORDINATES.
2. NO WORK TO BE PERFORMED ON BNSF RIGHT-OF-WAY. CONTACT RAILROAD PRIOR TO REMOVALS.
3. REFER TO PLAN SHEET #31 AND TYPICAL SECTION SHEET #2 FOR ADDITIONAL DETAILS.

SEE
DETAIL A

SPECIAL SHEET
PAVEMENT REMOVAL
AT FR 168
SHEET 2A OF 22



Warner D. Sherman
09/23/2025 1:55:47 PM
WARNER D. SHERMAN II - CIVIL
MO-PE-26645

DATE PREPARED
9/23/2025

ROUTE STATE
MM MO

DISTRICT SHEET NO.
SW 31A

COUNTY
GREENE

JOB NO.
J850836D

CONTRACT ID.

PROJECT NO.

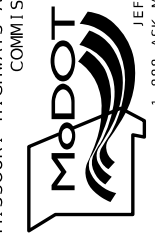
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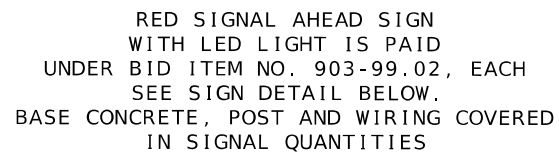
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

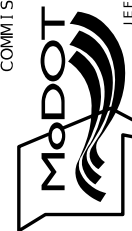


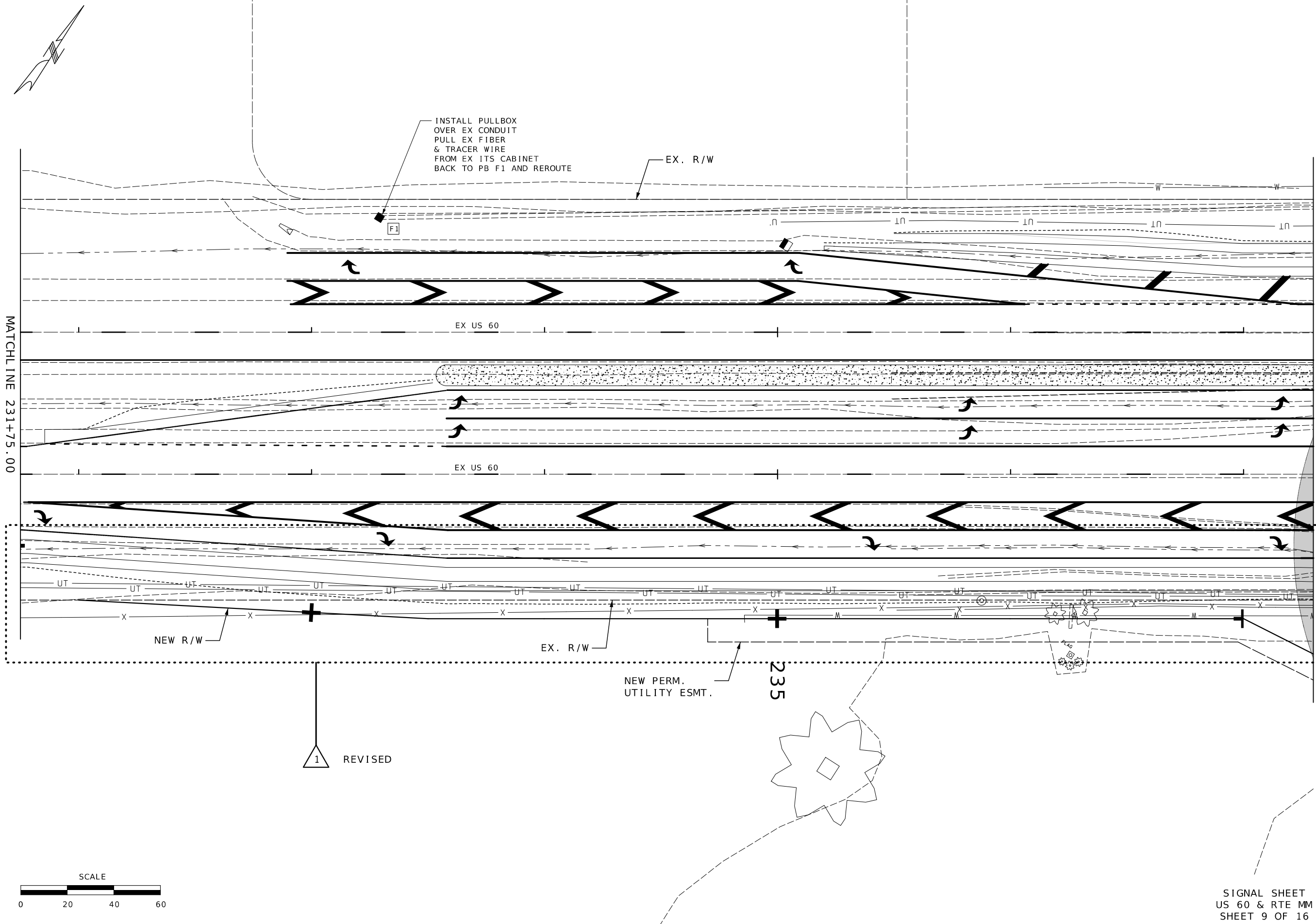


1



MATCHLINE	231+75.00
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MATCHLINE 231+75.00

MATCHLINE 237+30.00

INSTALL PULLBOX
OVER EX CONDUIT
PULL EX FIBER
& TRACER WIRE
FROM EX ITS CABINET
BACK TO PB F1 AND REROUTE

EX. R/W

EX US 60

EX US 60

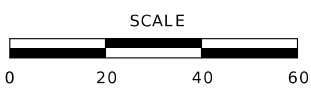
NEW R/W

EX. R/W

NEW PERM.
UTILITY ESMT.

235

1 REVISED



SIGNAL SHEET
US 60 & RTE MM
SHEET 9 OF 16



Warner D. Sherman
09/25/2025 7:16:43 AM
WARNER D. SHERMAN II - CIVIL
MO-PE-26645

DATE PREPARED
9/25/2025

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	161

COUNTY
GREENE

JOB NO.
J8S0836D

CONTRACT ID.

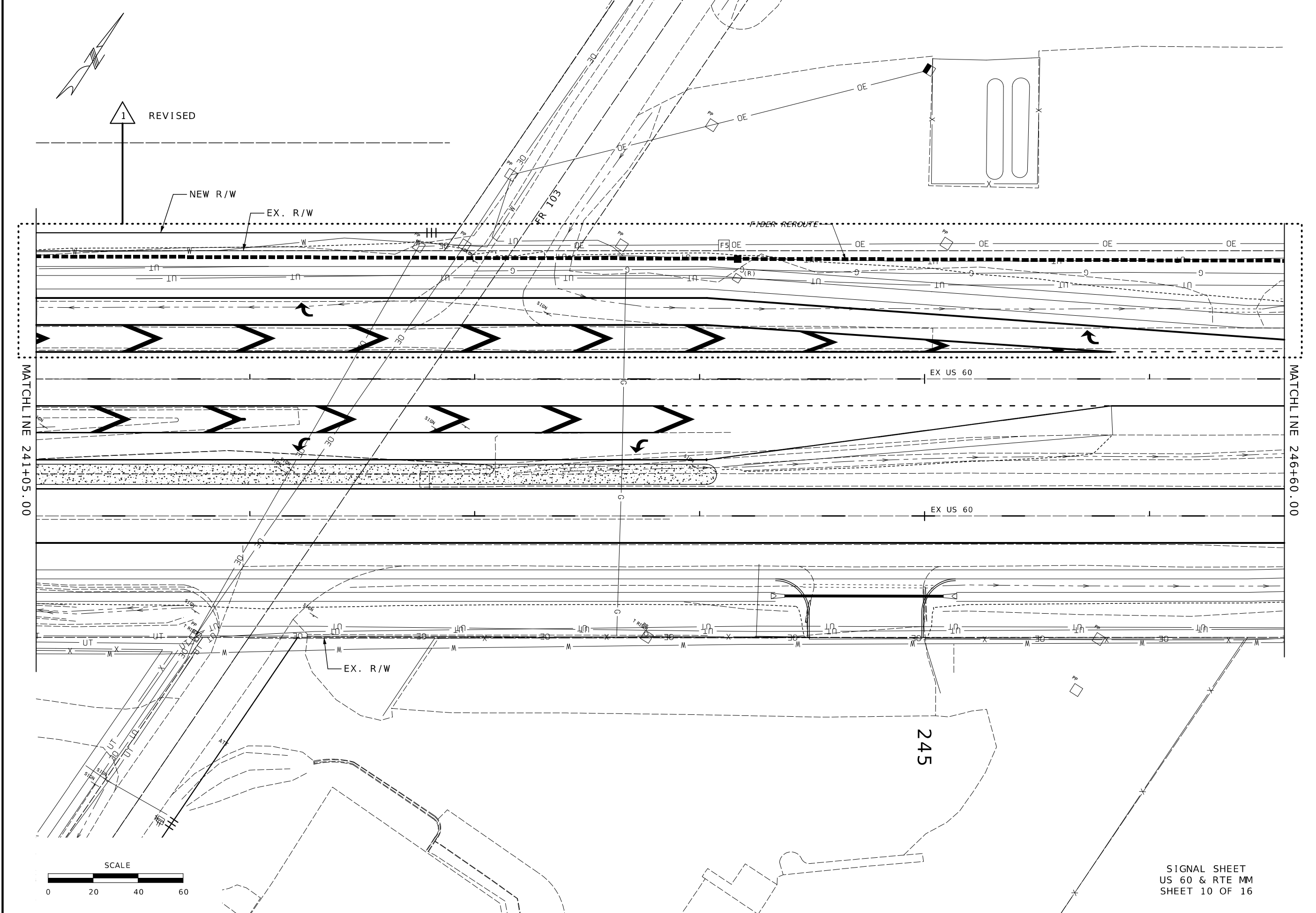
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



STATE OF MISSOURI

WARNER D. SHERMAN II

NUMBER PE-26645

PROFESSIONAL ENGINEER

Warner D. Sherman

09/26/2025 7:17:13 AM

WARNER D. SHERMAN II - CIVIL

MO-PE-26645

DATE PREPARED

9/25/2025

ROUTE

MM

STATE

MO

DISTRICT

SW

SHEET NO.

162

COUNTY

GREENE

JOB NO.

J850836D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

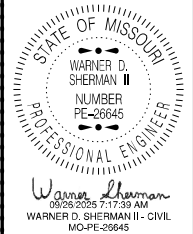
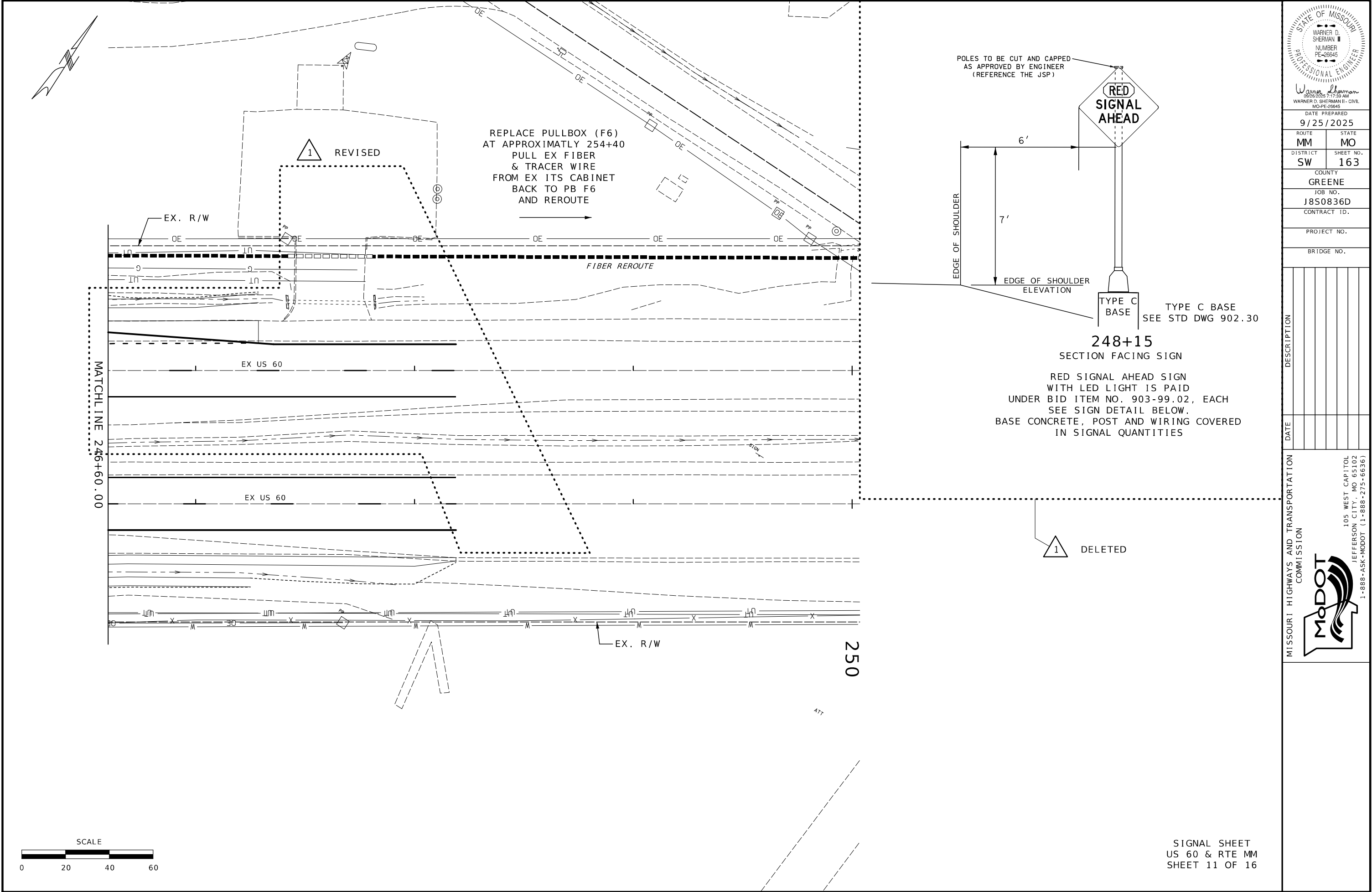
1-888-ASK-MODOT (1-888-275-6636)

MODOT

SIGNAL SHEET

US 60 & RTE MM

SHEET 10 OF 16



DATE PREPARED 9/25/2025	
ROUTE MM	STATE MO
DISTRICT SW	SHEET NO. 163
COUNTY GREENE	
JOB NO. J8S0836D	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

EFFECTIVE: 07-01-2024

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.

SIGN SIZE

STATION

HORZ CLEAR IF NOT STD

LOCATION

SIGN DTL. SHT. NO.

CONCRETE FOOTINGS EMBEDDED

ITEM NO. 9031010

CY

STRUCTURAL STEEL POSTS *

POST DES NO.

POST NO. 1

POST NO. 2

POST NO. 3

LBS PER FT

TOTAL ITEM NO. 9031210

LBS

PIPE POSTS *

PIPE SIZE

POST NO. 1

POST NO. 2

LBS PER FT

TOTAL ITEM NO. 9031220

LBS

BACKING BARS **

2" X 3/8" BARS @ 2.55 LBS PER FT

NO. EACH

LGTH IN.

TOTAL LF

TOTAL LBS

ITEM NO. 9031250A

LF

U-CHANNEL POST

ITEM NO. 9031250A

LF

PERFORATED SQUARE STEEL TUBE

2 IN. POST

POST NO. 1

POST NO. 2

TOTAL ITEM NO. 9031270A

LF

ANCHORS

DRIVEN 12-GA. ITEM NO. 9031271A

DRIVEN 7-GA. ITEM NO. 9031273A

CONCRETE 7-GA. ITEM NO. 9031274

2.5 IN. POST

POST NO. 1

POST NO. 2

TOTAL ITEM NO. 9031280

LF

ANCHORS

2.25" INSERT (6 FT) ITEM NO. 9031272A

DRIVEN 7-GA. ITEM NO. 9031281A

CONCRETE 7-GA. ITEM NO. 9031285

BREAK-AWAY ASSEMBLY

ITEM NO. 9031241

EA

SIGN MOUNTING BRACKET FOR BARRIER WALL

ITEM NO. 903-99.02

EA

REMARKS AND OTHER REQUIRED ITEMS

STATE OF MISSOURI

WARNER D. SHERMAN I

NUMBER PE-26645

PROFESSIONAL ENGINEER

WARNER D. SHERMAN I

09/23/2025 1:56:34 PM

WARNER D. SHERMAN II - CIVIL

MO-PE-26645

DATE PREPARED

9/23/2025

ROUTE 23

STATE MO

DISTRICT SW

SHEET NO. 193

COUNTY GREENE

JOB NO. J8S0836D

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

SUBTOTAL 2

1.32

560

375

64

96.5

7

34.5

3

SUBTOTAL 1

1.44

728

149

386.5

36

273.75

19

11

TOTAL

2.8

773

1103

**

483

43

308

22

11

* 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

LENGTH

DIA.

DEPTH

C.Y.

2 1/2

5.79

0.48

4'- 3 1/2"

12"

4-6"

0.13

4

10.79

0.90

5'- 3 1/2"

18"

5-6"

0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST

FOOTING

POST DES. NO.

NOM. SIZE

WEIGHT

STUB LENGTH

DIA.

LEVEL

GROUND

6:1 GRADE

4:1 GRADE

3:1 OR 2:1 GRADE

DEPTH

C.Y.

DEPTH

C.Y.

DEPTH

C.Y.

DEPTH

C.Y.

DEPTH

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

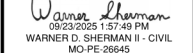
SIGNING SHEET

D-29 2_2

SHEET 25 OF 30

D-29

D-30



ROUTE	STATE
MM	MO

COUNTY
GREENE

CONTRACT ID.

BRIDGE NO.

[illegible]

NOI							
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DESC

[illegible]

DATE _____

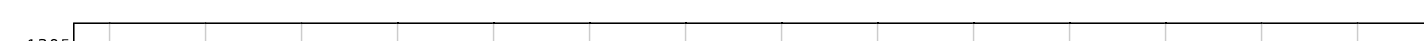
T I O N
P I T O N
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ITY,
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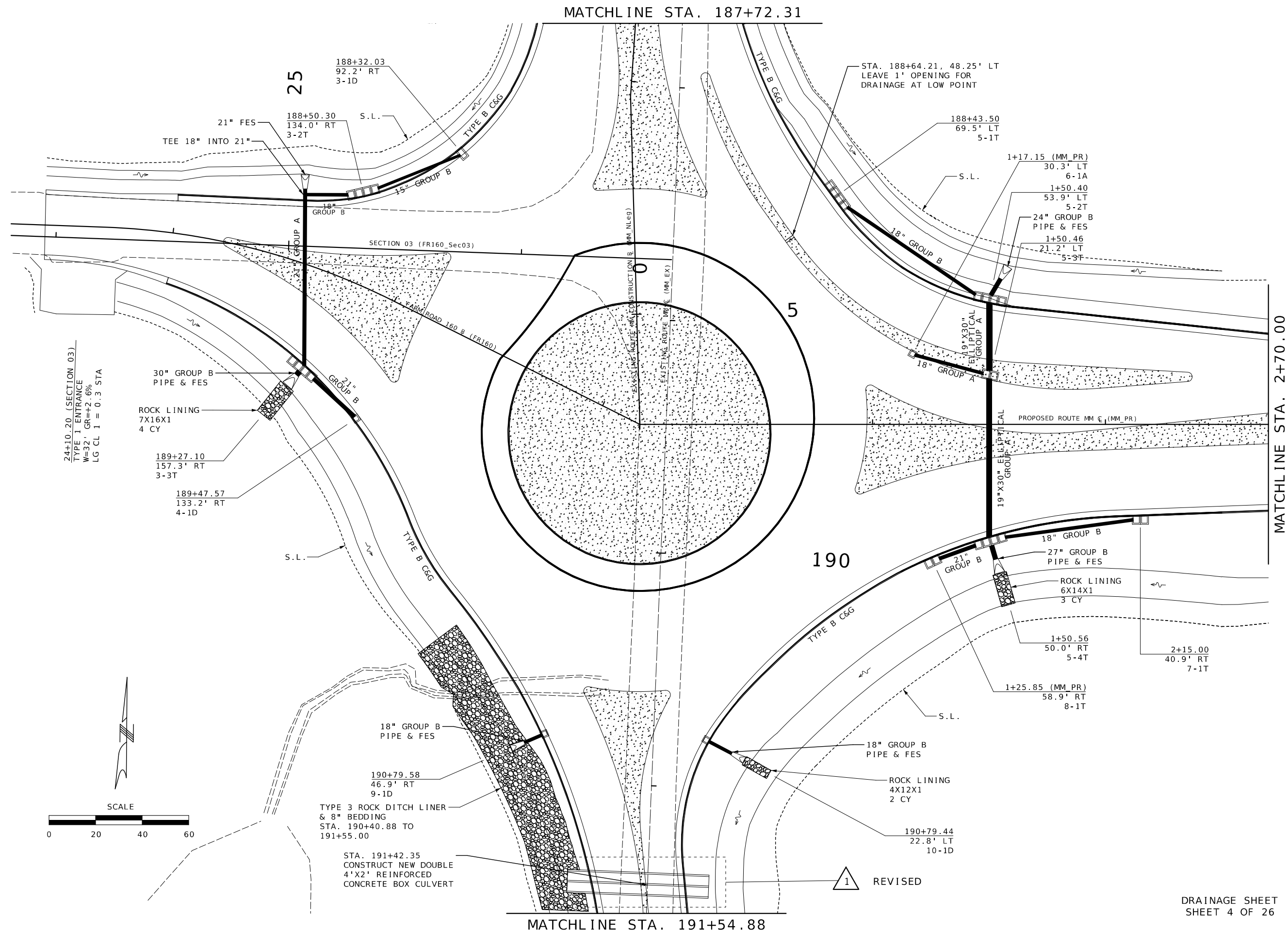
ND
SION

FERS
ODOT

88 - A

MIS





DRAINAGE SHEET
SHEET 4 OF 26