

DESIGN DESIGNATION

A.A.D.T. - 2024 = 2145
A.A.D.T. - 2044 = 3861
D.H.V. = 16%
T = 9.9%
V = 55 M.P.H.
D = 49%

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW RIGHT OF WAY WILL BE
ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

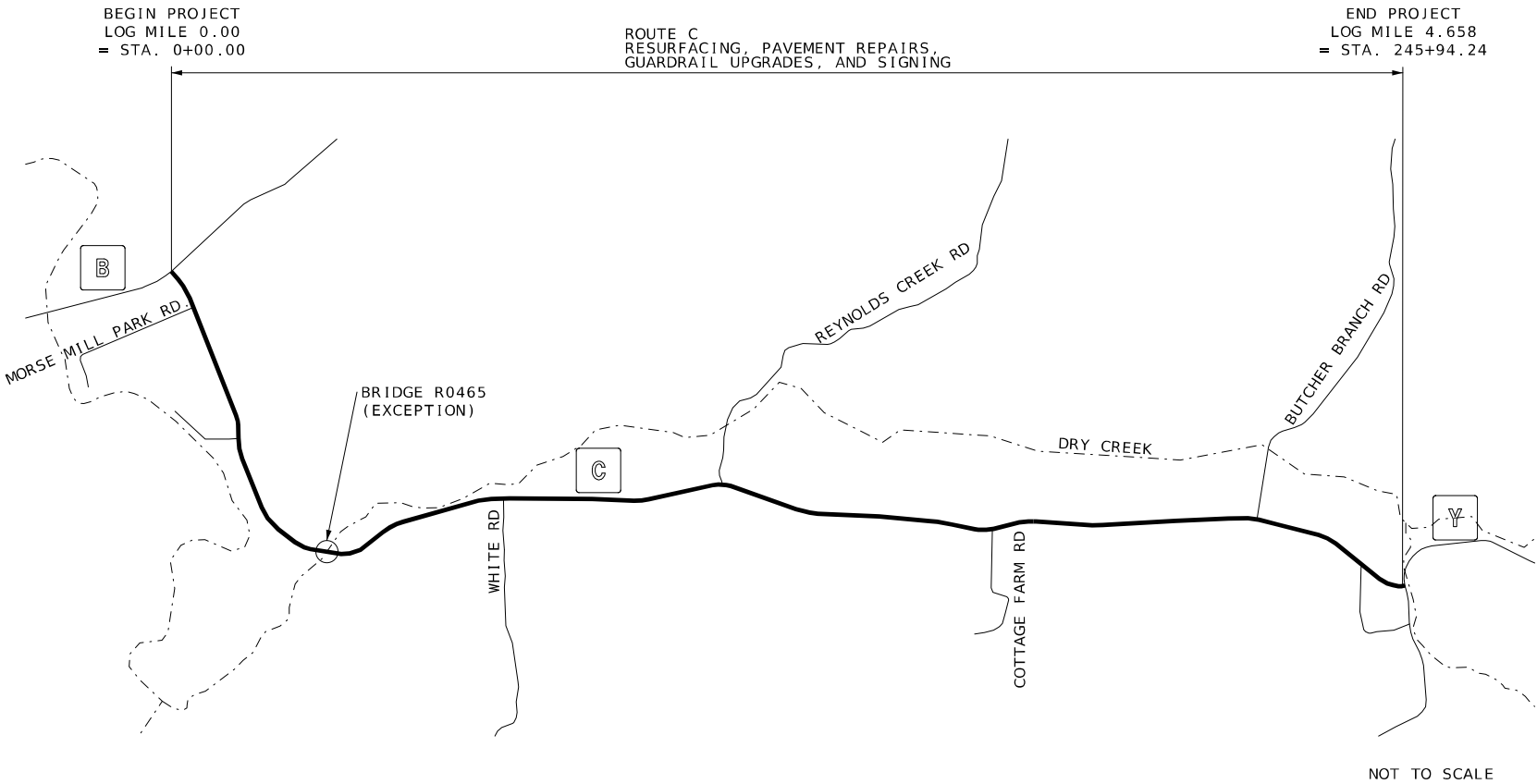
NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

ROUTE C
JEFFERSON COUNTY



KEY MAP
LOCATION OF JEFFERSON COUNTY



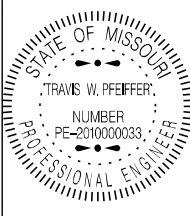
NOTE: ALL LOG MILES ARE APPROXIMATE
AND BASED ON RTE C SB

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TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR
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WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)-----	2
QUANTITIES (QU) (3 SHEETS)-----	3
OVERALL PLAN SHEET (PN)-----	4
SPECIAL SHEETS (SS)-----	5-9
TRAFFIC CONTROL SHEETS (TC)-----	10-14
SIGNING SHEETS (SN)-----	15-24



DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 1
COUNTY JEFFERSON	
JOB NO. JSL0040	
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)

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 4.658
APPARENT LENGTH	4.658 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE R0465:	0.046 MILES

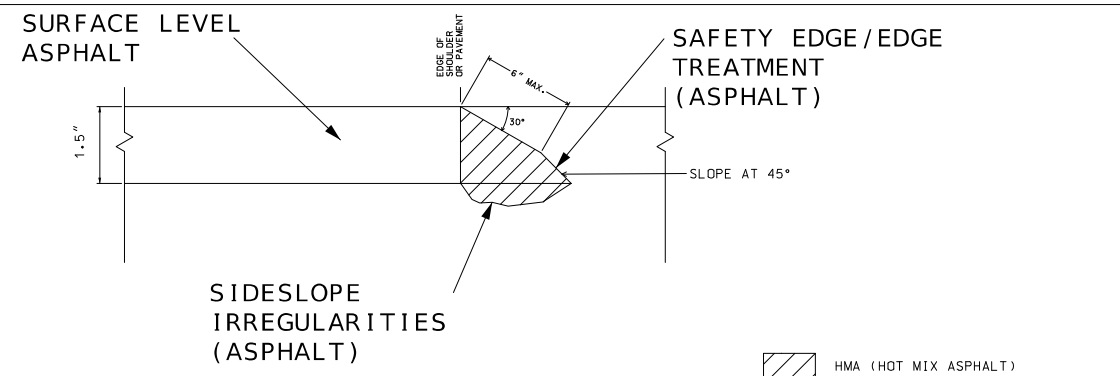
TOTAL CORRECTIONS	0.046 MILES
NET LENGTH OF PROJECT	4.612 MILES
STATE LENGTH	4.658 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.00 ACRES
---	------------

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

DISCLAIMER

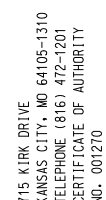
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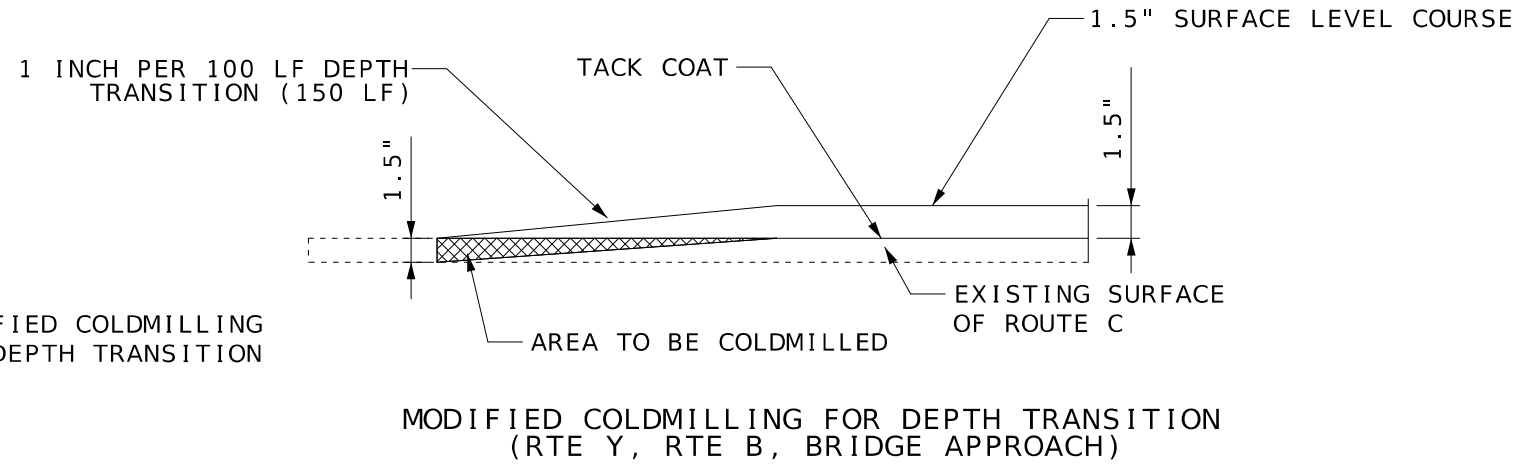
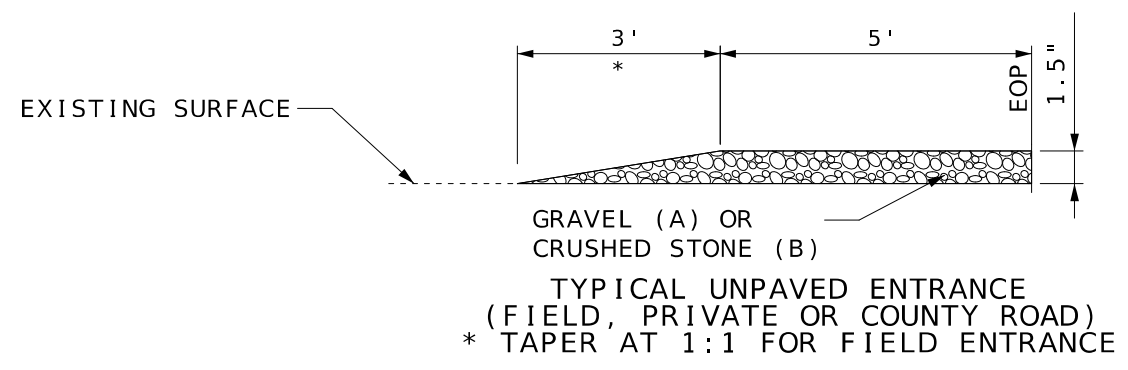
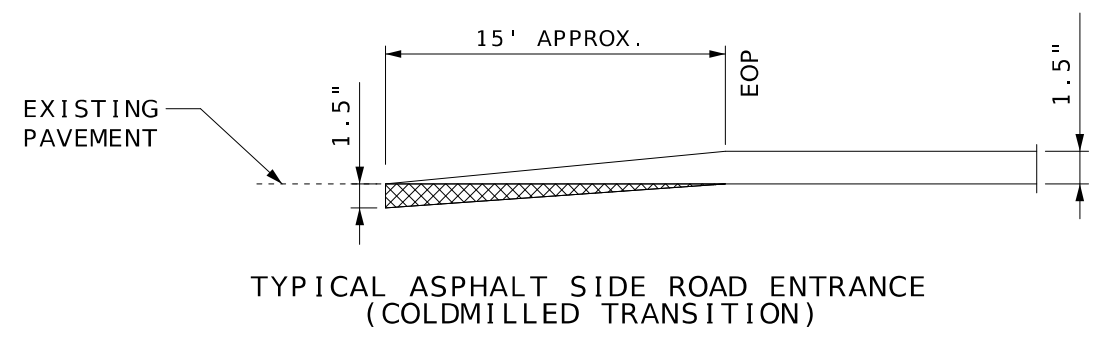
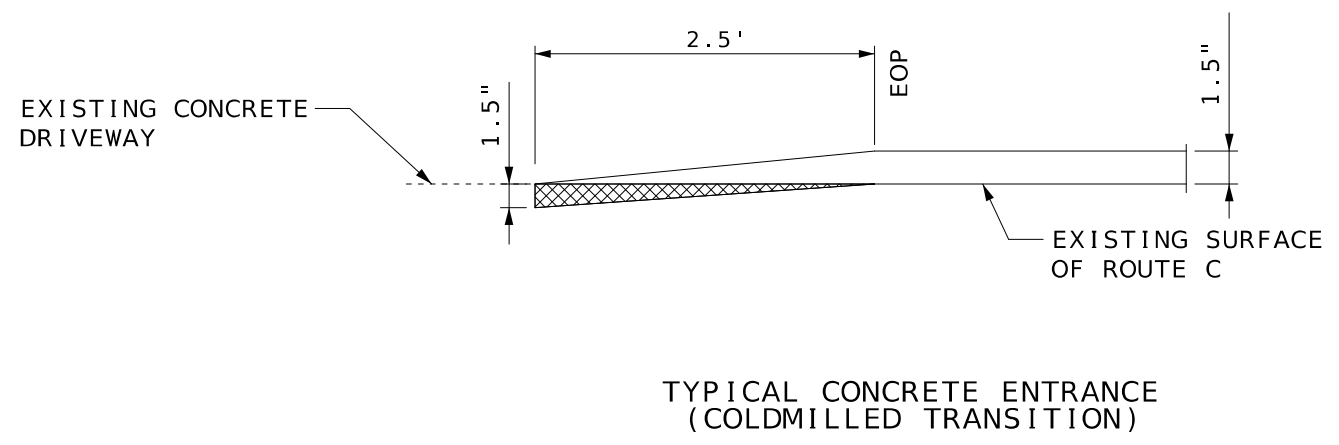
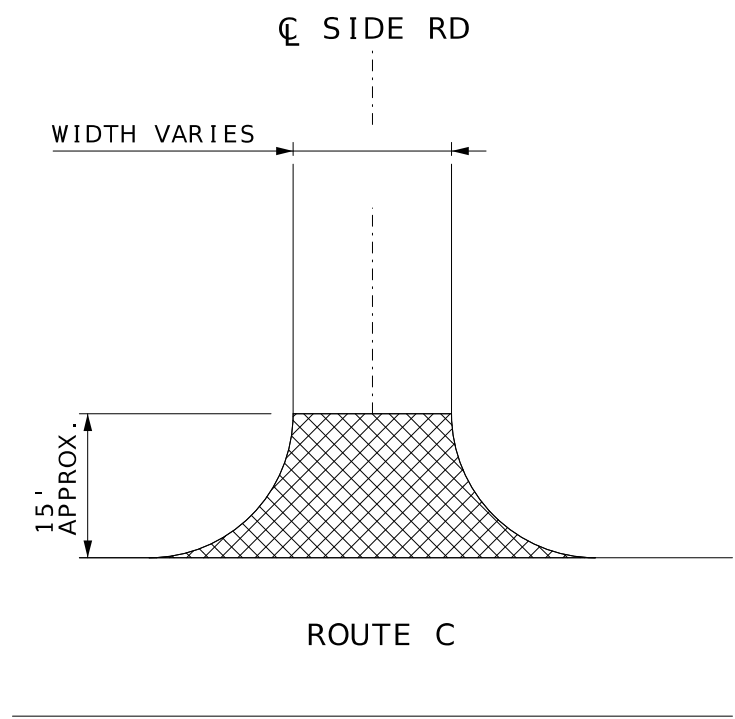


REGARDLESS OF PAVEMENT TYPE, WHEN PAVEMENT FOR PAVEMENT OR SHOULDER IS MADE PER SQUARE YARD, THE MATERIAL NECESSARY TO CONSTRUCT THE SAFETY EDGE IS CONSIDERED INCIDENTAL TO THE PAVEMENT OR SHOULDER. NO MEASUREMENT WILL BE MADE FOR THE MATERIAL USED IN THE SAFETY EDGE EXCEPT WHEN PAVEMENT FOR PAVEMENT OR SHOULDER IS MADE IN VOLUME OR WEIGHT.

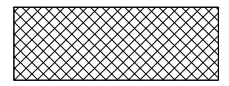
Diagram illustrating the plan view of the bridge deck. The deck is symmetrical about a central vertical dashed line labeled "BRIDGE CL". The total width of the deck is 32 feet, divided into two 16-foot sections. The central section of the deck is 13 feet wide. The end sections of the deck are 16 feet wide. The diagram also shows the profile of the bridge deck, indicating a slight rise at the ends.

TYPICAL SECTIONS
SHEET 1 OF 2





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MODIFIED COLDMILLING FOR DEPTH TRANSITION

NOT TO SCALE

TYPICAL SECTIONS
SHEET 2 OF 2

STATE OF MISSOURI

TRANS W. PFEFFER

NUMBER

PE-2010000033

PROFESSIONAL ENGINEER

DATE PREPARED

9/27/2023

ROUTE

C

STATE

MO

DISTRICT

SL

SHEET NO.

2

COUNTY

JEFFERSON

JOB NO.

JSL0040

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)

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
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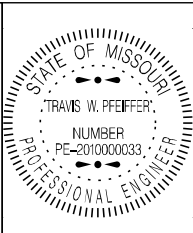
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REMOVAL OF IMPROVEMENTS				
ROADWAY	LOG MILE	LOG MILE	SIDE OF ROAD	DESCRIPTION OF REMOVAL
RTE. C	0.461		RT	REMOVE SIGN W1-4R/ W13-1P AND POST
RTE. C	0.561		LT	REMOVE SIGN W1-8D AND POST
RTE. C	0.576		LT	REMOVE SIGN W1-8D AND POST
RTE. C	0.620		RT	REMOVE SIGN W1-8D AND POST
RTE. C	0.634		RT	REMOVE SIGN W1-8D AND POST
RTE. C	0.685		LT	REMOVE SIGN W1-4R/ W13-1P AND POST
RTE. C	0.933		LT	REMOVE SIGN W1-2R/W13-1P AND POST
RTE. C	0.937		RT	REMOVE W1-2L/ W13-1P SIGN AND POST
RTE. C	1.020	1.055	RT	125' OF TYPE A GUARDRAIL, 1 C.E.T., AND 1 B.A.T.S.
RTE. C	1.040	1.058	LT	25' OF TYPE A GUARDRAIL, 1 C.E.T., AND 1 B.A.T.S.
RTE. C	1.093	1.110	RT	25' OF TYPE A GUARDRAIL, 1 C.E.T., AND 1 B.A.T.S.
RTE. C	1.095	1.126	LT	125' OF TYPE A GUARDRAIL, 1 C.E.T., AND 1 B.A.T.S.
RTE. C	1.133		RT	REMOVE SIGN W1-8D AND POST
RTE. C	1.140		RT	REMOVE SIGN W1-4L/ W13-1P AND POST
RTE. C	1.148		RT	REMOVE SIGN W1-8D AND POST
RTE. C	1.163		RT	REMOVE SIGN W1-8D AND POST
RTE. C	1.992		LT	REMOVE SIGN M1-5a_C AND POST
RTE. C	2.358		LT	REMOVE SIGN W1-8D AND POST
RTE. C	2.599		RT	REMOVE SIGN W1-4L AND POST
RTE. C	2.831		LT	REMOVE SIGN W1-4L/ W13-1P
RTE. C	3.182		RT	REMOVE SIGN W13-1P_40
RTE. C	3.446		LT	REMOVE SIGN W1-4L/ W13-1P AND POST
RTE. C	4.277		RT	REMOVE SIGN W13-1P_50
RTE. C	4.418		RT	REMOVE SIGN W16-9P
RTE. C	4.458		LT	REMOVE SIGN W13-1P_50
RTE. C	4.628	4.643	LT	50' OF TYPE A GUARDRAIL AND 1 C.E.T.
			PAY TOTAL	1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B) ENTRANCES						
ROADWAY	LOG MILE	LOG MILE	SF	SY	GRAVEL (A) OR CRUSHED STONE (B) (TONS)	REMARKS
RTE. C	0.000	4.658	10125.21	1125.02	66.4	
				SUBTOTAL	66.4	
				PAY TOTAL	67	

PARTIAL DEPTH PAVEMENT REPAIR								
ROADWAY	LOG MILE	LOG MILE	LENGTH	WIDTH	THICKNESS	REMOVAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR (SY)	FURNISHING AND PLACING BITUMINOUS MATERIAL FOR CLASS C PARTIAL DEPTH PAVEMENT REPAIR (TONS)	REMARKS
			(FT)	(FT)	(IN)			
RTE. C	0.013	0.041	SEE REMARKS	SEE REMARKS	3	36.67	5.99	PAVEMENT REPAIRS ESTIMATED AT 10% OF RESURFACING QUANTITY. PAVEMENT REPAIRS AS DIRECTED BY THE ENGINEER.
RTE. C	0.041	1.024	SEE REMARKS	SEE REMARKS	3	1267.99	207.11	
RTE. C	1.024	1.052	SEE REMARKS	SEE REMARKS	3	36.67	5.99	
RTE. C	1.098	1.127	SEE REMARKS	SEE REMARKS	3	36.67	5.99	
RTE. C	1.127	4.614	SEE REMARKS	SEE REMARKS	3	4500.65	735.11	
RTE. C	4.614	4.642	SEE REMARKS	SEE REMARKS	3	36.92	6.03	
					SUBTOTAL	5915.57	966.22	
					PAY TOTAL	5915.6	966.3	


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DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY JEFFERSON	
JOB NO. JSL0040	
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)



715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

MAINLINE RESURFACING								
ROADWAY	LOG MILE	LOG MILE	SF	SY	1.5" BITUMINOUS PAVEMENT MIXTURE PG 64-22, (BP-2LT) (TONS)	MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SY)	**TACK COAT (GAL)	REMARKS
RTE. C	0.013	0.041	3300.00	366.67	29.64	366.7	36.7	RTE. B DEPTH TRANSITION
RTE. C	0.041	1.024	114118.63	12679.85	1024.95		1014.4	
RTE. C	1.024	1.052	3300.00	366.67	29.64	366.7	36.7	BRIDGE APPROACH DEPTH TRANSITION
RTE. C	1.098	1.127	3300.00	366.67	29.64	366.7	36.7	BRIDGE APPROACH DEPTH TRANSITION
RTE. C	1.127	4.614	405058.76	45006.53	3638.03		3600.5	
RTE. C	4.614	4.642	3322.66	369.18	29.84	369.2	36.9	RTE. Y DEPTH TRANSITION
RTE. C	0.013	4.642			46.94			SAFETY EDGE/EDGE TREATMENT - LT & RT
RTE. C	0.013	4.642	53240.01	5915.56	478.17		476.2	10% FOR IRREGULARITIES
				SUBTOTAL	5306.85	1469.3	5238.1	
	SIDE STREETS AND ENTRANCES SUBTOTAL				71.03	878.7	87.9	
				PAY TOTAL	5377.9	2348	5326	

**0.08 GAL/SY FOR OVERLAY
**0.10 GAL/SY FOR COLDMILL AREAS

MOBILIZATION - TOTAL = 1 LUMP SUM

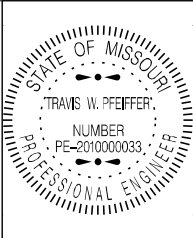
CONTRACTOR FURNISHED SURVEYING & STAKING TOTAL = 1 LUMP SUM

SIDE STREETS AND ENTRANCES								
ROADWAY	LOG MILE	LOG MILE	SF	SY	1.5" BITUMINOUS PAVEMENT MIXTURE PG 64-22, (BP-2LT) (TONS)	MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SY)	TACK COAT (GAL)	REMARKS
RTE. C	0.000	4.658	7908.29	878.70	71.03	878.7	87.9	
				SUBTOTAL	71.03	878.7	87.9	
				PAY TOTAL	*	*	*	*SEE MAINILNE RESURFACING FOR PAY TOTAL

MGS GUARDRAIL										
SHEET NO.	APPROX. LOG MILE	APPROX. LOG MILE	ROADWAY	LOCATION	MGS GUARDRAIL (LF)	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) (EACH)	MGS HEIGHT AND BLOCK TRANSITION (EACH)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (100 FT)	REMARKS
6	1.015	1.055	RTE. C	RT	125.0	1		1	2.6	
6	1.031	1.058	RTE. C	LT	50.0	1		1	1.9	
6	1.093	1.119	RTE. C	RT	50.0	1		1	1.9	
6	1.095	1.136	RTE. C	LT	125.0	1		1	2.6	
9	4.626	4.643	RTE. C	LT	12.5		1	1	1.4	
				SUBTOTAL	362.5	4	1	5	10.4	
				PAY TOTAL	363	4	1	5	11	

PERMANENT PAVEMENT MARKING						
ROADWAY	LOG MILE	LOG MILE	STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE "P" BEADS		PREFORMED THERMOPLASTIC PAVEMENT MARKING	REMARKS
			4 IN. SOLID WHITE (LF)	4 IN. SOLID YELLOW (LF)	24 IN. WHITE (LF)	
RTE. C	0.000	4.658	48361.3	48931.6	22.0	
		SUBTOTAL	48361.3	48931.6	22.0	
		PAY TOTAL	48362	48932	22	


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ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY JEFFERSON	
JOB NO. JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE								

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



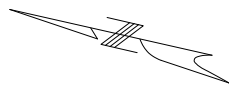
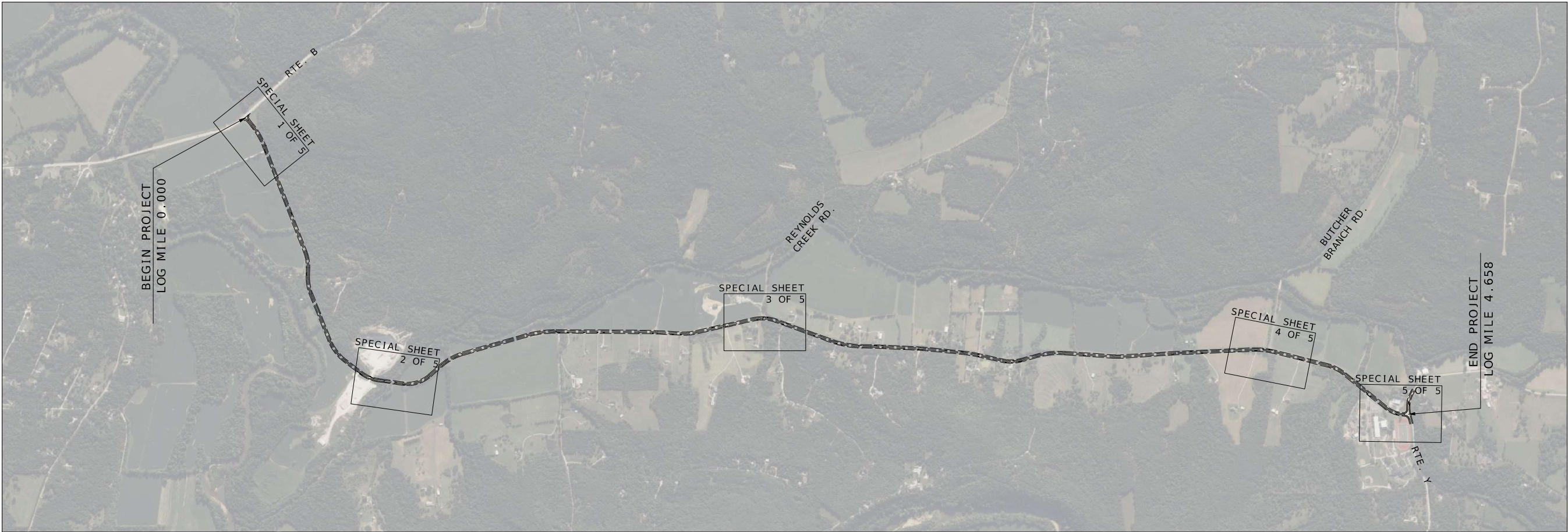
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

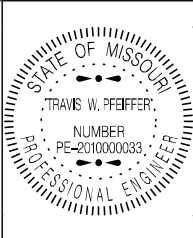
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NOT TO SCALE

OVERALL
PLAN SHEET
SHEET 1 OF 1



DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 4
COUNTY JEFFERSON	
JOB NO. JSL0040	
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)

HNTB

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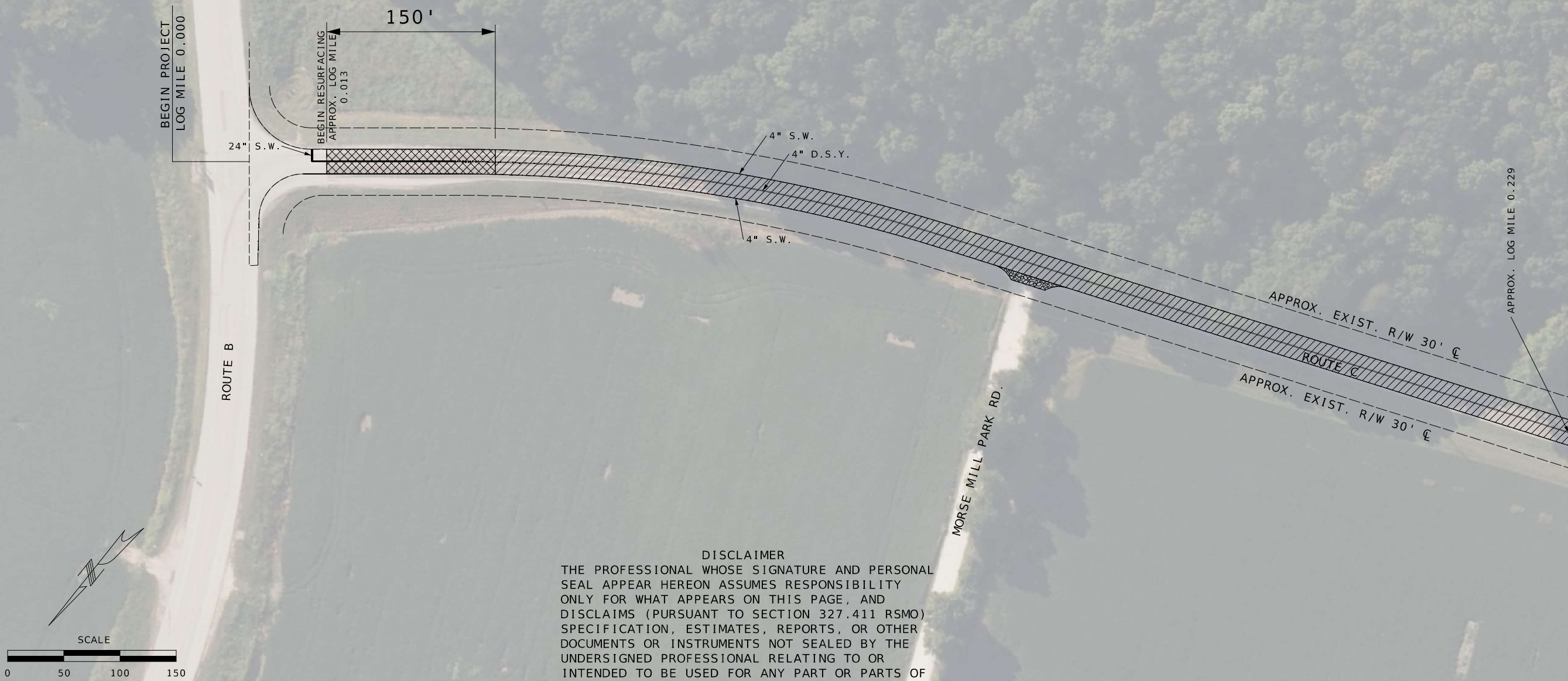
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PAVEMENT MARKING LEGEND

4" S.W. = 4" SOLID WHITE EDGE LINE
4" D.S.Y. = 4" DOUBLE SOLID YELLOW LINE
24" S.W. = STOP BAR

LEGEND

1.5" BP-2LT (PG64-22)
MODIFIED COLDMILLING FOR DEPTH TRANSITION
GRAVEL (A) OR CRUSHED STONE (B)



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SPECIAL SHEET
SHEET 1 OF 5

STATE OF MISSOURI

TRAVIS W. PFEFFER

NUMBER

PE-2010000033

PROFESSIONAL ENGINEER

DATE PREPARED

9/27/2023

ROUTE

C

DISTRICT

SL

STATE

MO

SHEET NO.

5

COUNTY

JEFFERSON

JOB NO.

JSL0040

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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

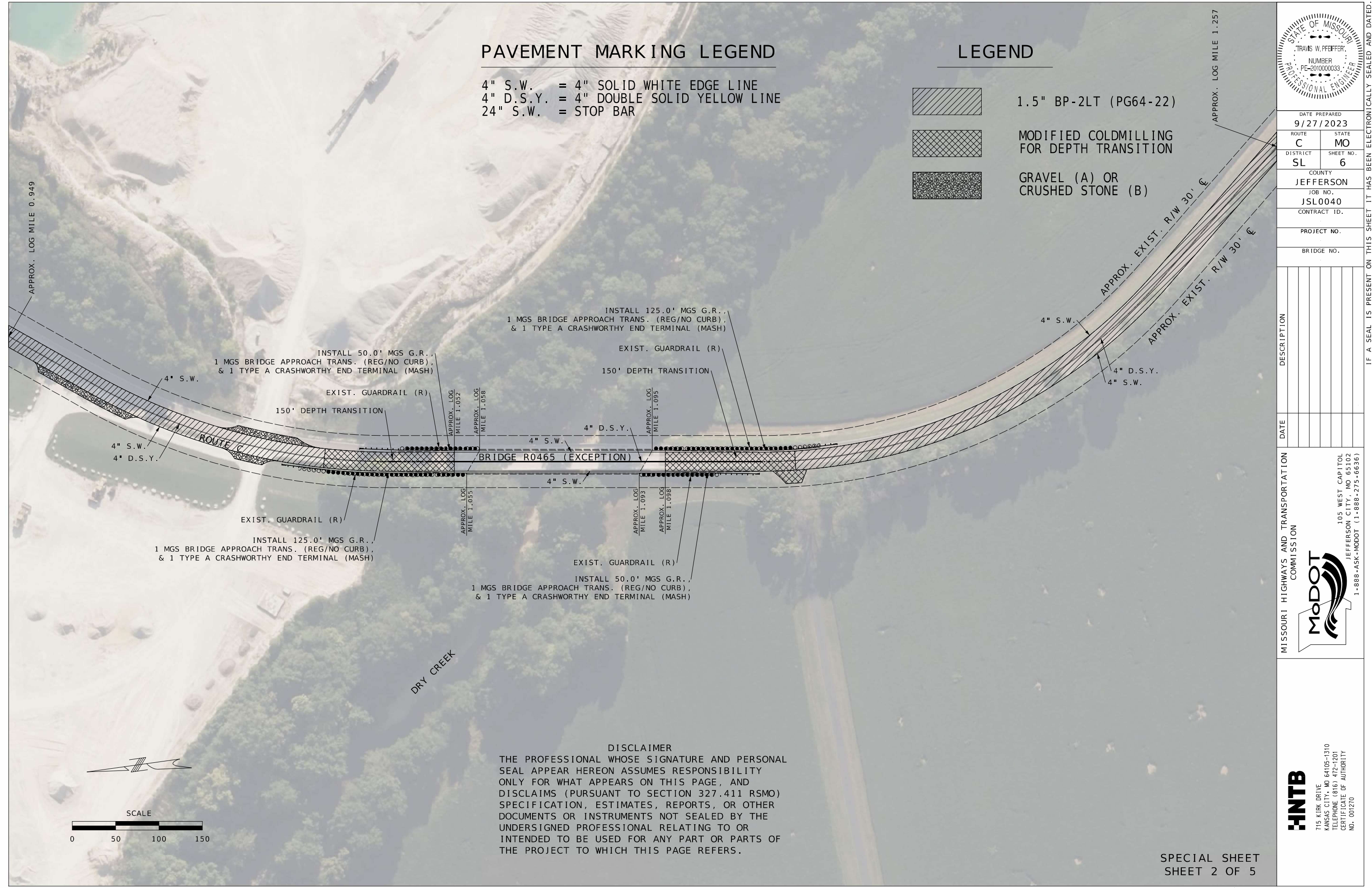
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CERTIFICATE OF AUTHORITY
NO. 001270

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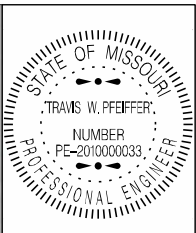


PAVEMENT MARKING LEGEND

- 4" S.W. = 4" SOLID WHITE EDGE LINE
- 4" D.S.Y. = 4" DOUBLE SOLID YELLOW LINE
- 24" S.W. = STOP BAR

LEGEND

- 1.5" BP-2LT (PG64-22)
- MODIFIED COLDMILLING FOR DEPTH TRANSITION
- GRAVEL (A) OR CRUSHED STONE (B)



DATE PREPARED 9/27/2023	
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DISTRICT SL	SHEET NO. 6
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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NO. 001270

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PAVEMENT MARKING LEGEND

4" S.W. = 4" SOLID WHITE EDGE LINE
4" D.S.Y. = 4" DOUBLE SOLID YELLOW LINE
24" S.W. = STOP BAR

LEGEND

 1.5" BP-2LT (PG64-22)
 MODIFIED COLDMILLING FOR DEPTH TRANSITION
 GRAVEL (A) OR CRUSHED STONE (B)

APPROX. LOG MILE 2.252

4" S.W.

4" D.S.Y.
4" S.W.

APPROX. EXIST. R/W 30' ϕ

APPROX. EXIST. R/W 30' ϕ

ROUTE C

EX. BOX CULVERT (DND)

REYNOLDS CREEK RD.

APPROX. EXIST. R/W 30' ϕ

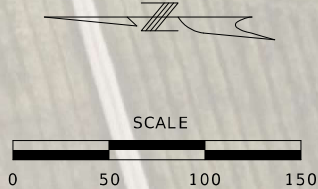
APPROX. EXIST. R/W 30' ϕ

4" S.W.
4" D.S.Y.

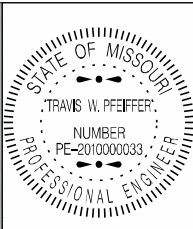
4" S.W.

LANDOLT LN.

APPROX. LOG MILE 2.539




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DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 7
COUNTY JEFFERSON	
JOB NO. JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

SPECIAL SHEET
SHEET 3 OF 5




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

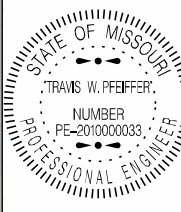


PAVEMENT MARKING LEGEND

- 4" S.W. = 4" SOLID WHITE EDGE LINE
- 4" D.S.Y. = 4" DOUBLE SOLID YELLOW LINE
- 24" S.W. = STOP BAR

LEGEND


-  1.5" BP-2LT (PG64-22)
-  MODIFIED COLDMILLING FOR DEPTH TRANSITION
-  GRAVEL (A) OR CRUSHED STONE (B)




DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 8
COUNTY JEFFERSON	
JOB NO. JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

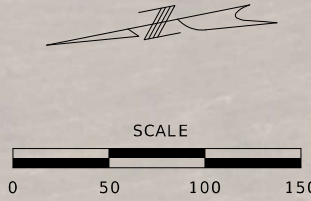


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JEFFERSON CITY, MO 65102
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715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
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NO. 001270

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SPECIAL SHEET
SHEET 4 OF 5

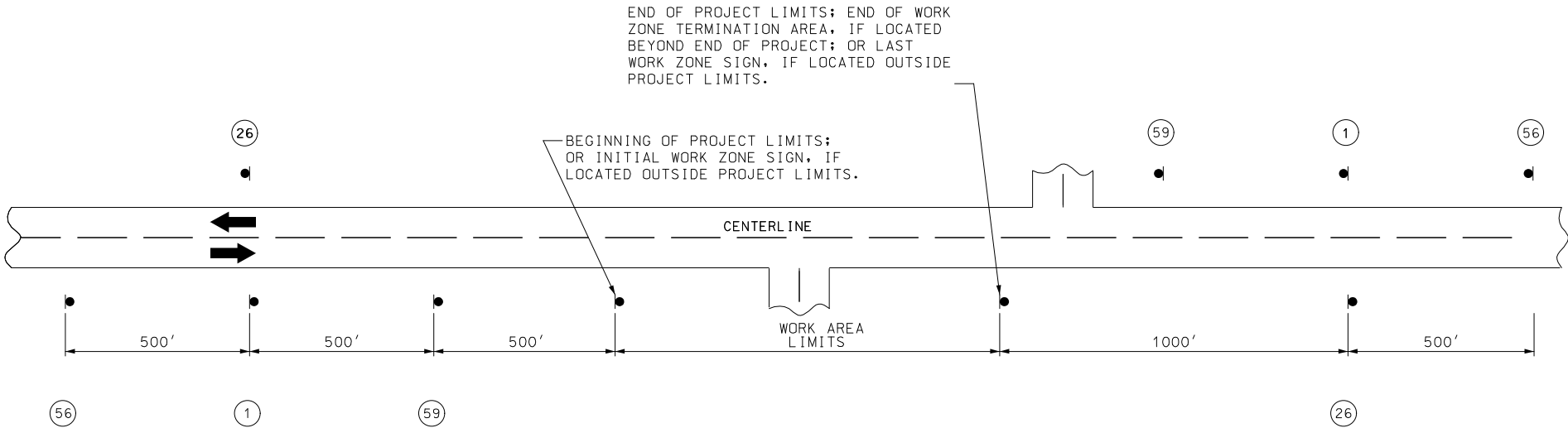
NOT TO SCALE

NOTES:

SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-7-48
56



G020-2
26



G020-1
1



CONST-8
59

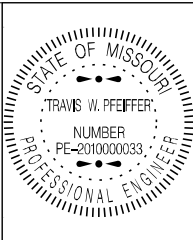
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TRAFFIC
CONTROL SHEET
SHEET 1 OF 5

HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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

DATE	DESCRIPTION



DATE PREPARED
9/27/2023
ROUTE C STATE MO
DISTRICT SL SHEET NO. 10

COUNTY
JEFFERSON

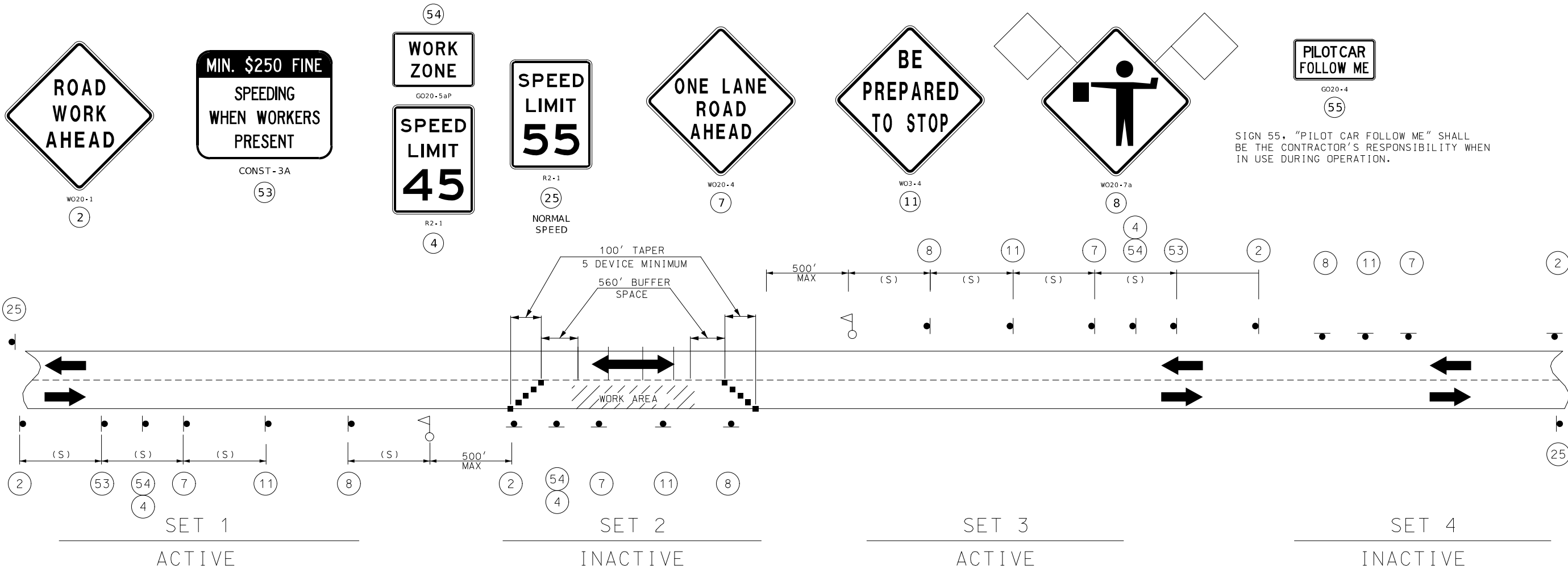
JOB NO.
JSL0040

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC) SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

WHEN TEMPORARY RUMBLE STRIPS ARE USED, REFER TO EPG FIGURE 616.6.87.1 FOR DISTANCES AND SPACING.

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◁ FLAGGER
- CHANNELIZER
- ▨ WORK AREA

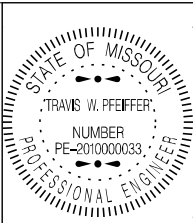
SPEED	CHANNELIZING SPACING (FT.)	
POSTED (MPH)	TAPERS	BUFFER/WORK AREAS
40-45	40	80
50-55	50	80

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
55	560

SPEED	SIGN SPACING (FT.) (1)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)
55	500

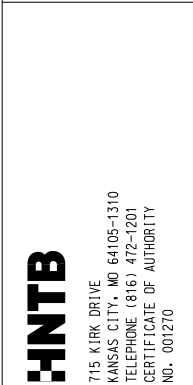
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TRAFFIC
CONTROL SHEET
SHEET 2 OF 5

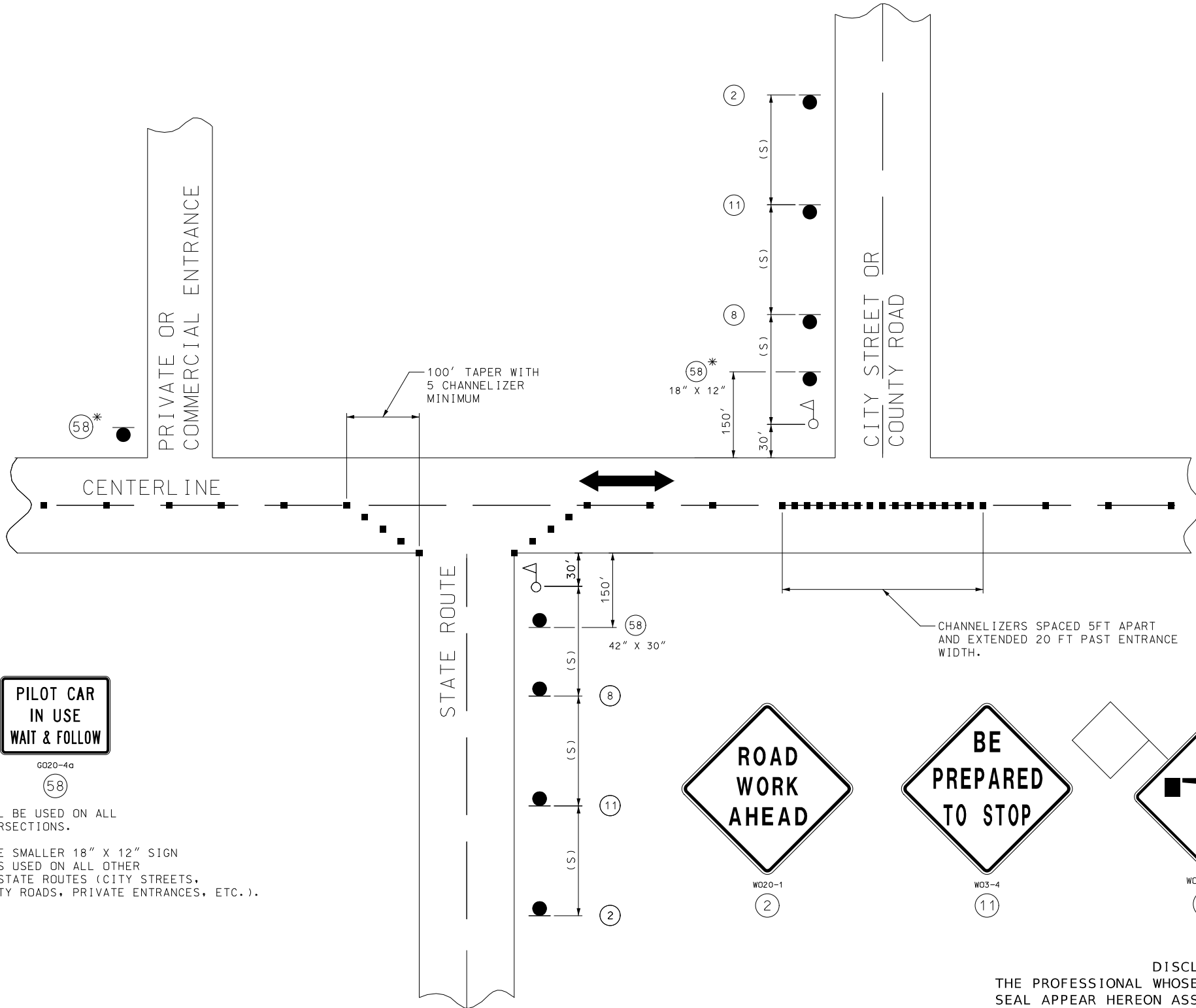


DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 11
COUNTY JEFFERSON	
JOB NO. JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



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



PILOT CAR
IN USE
WAIT & FOLLOW

G020-4a

58

SHALL BE USED ON ALL
INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN
58 IS USED ON ALL OTHER
NON-STATE ROUTES (CITY STREETS,
COUNTY ROADS, PRIVATE ENTRANCES, ETC.).

NOT TO SCALE

SIDE ROADS ENTERING WORK ZONES



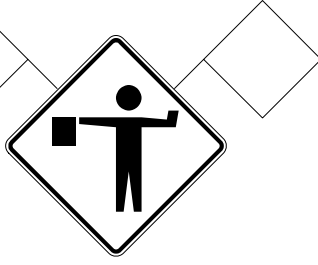
W020-1

2



W03-4

11



W020-7a

8

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THE PROJECT TO WHICH THIS PAGE REFERS.

SPEED	SIGN SPACING (FT.)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)
0-35	200
40-45	350
50-55	500
60-70	1000

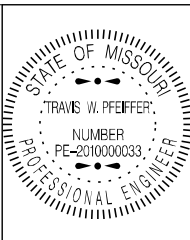
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION
WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER
INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY
THE ENGINEER.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◡ FLAGGER
- CHANNELIZER



DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 12
COUNTY JEFFERSON	
JOB NO. JSL0040	
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)

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

TRAFFIC
CONTROL SHEET
SHEET 3 OF 5

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



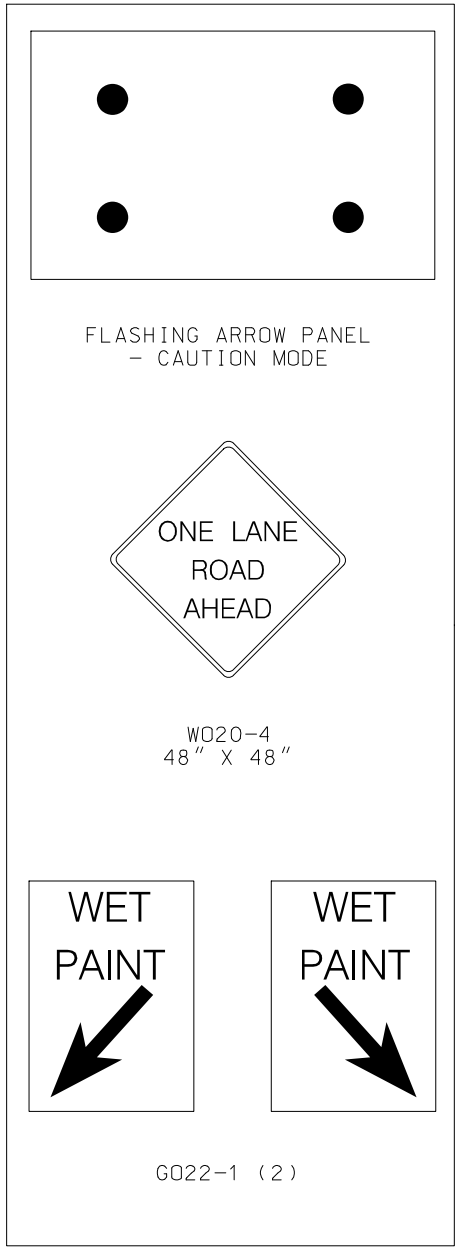
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TRAFFIC
CONTROL SHEET
SHEET 4 OF 5

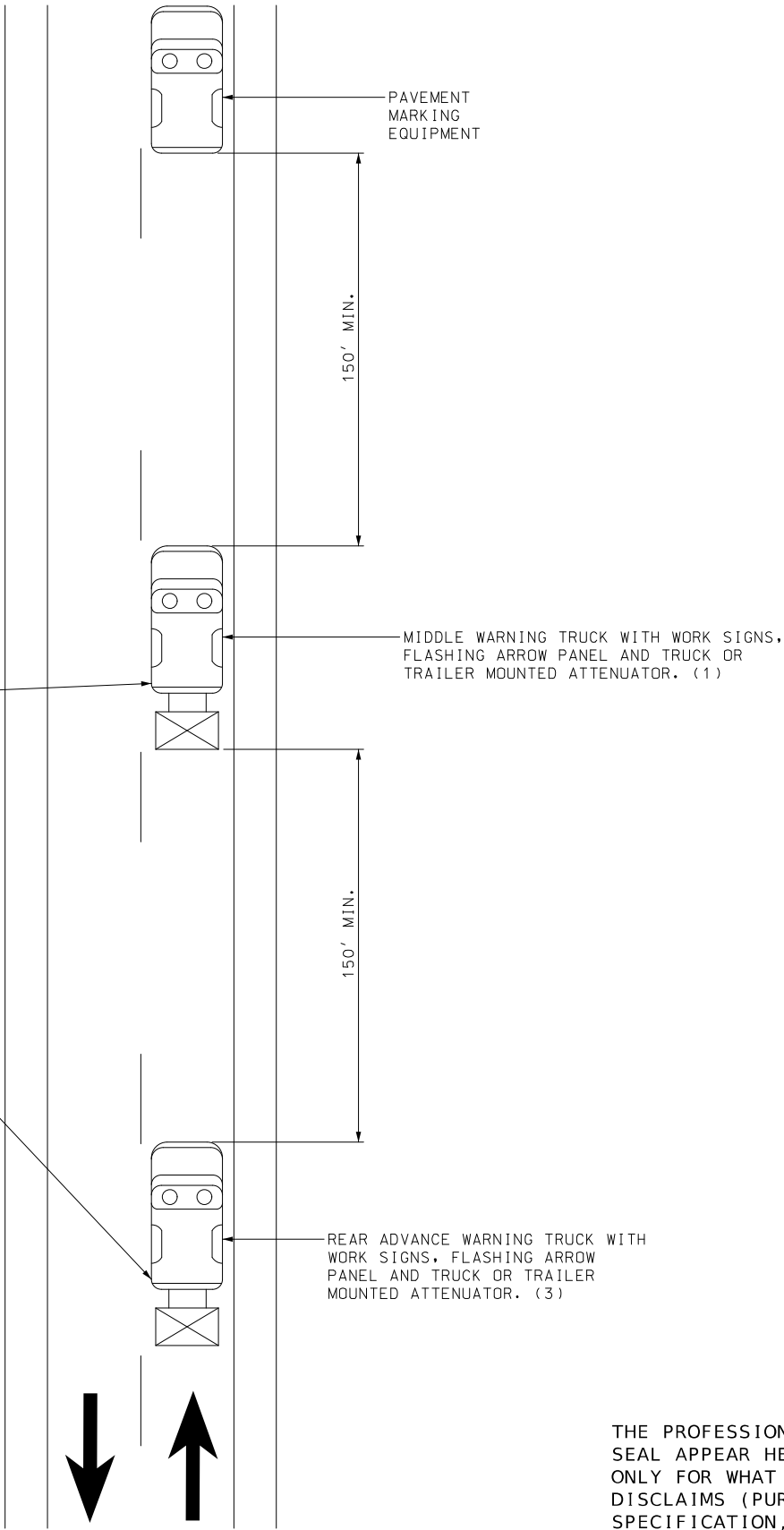
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KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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



NOT TO SCALE

CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS



NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCK 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 PAYMENT SHALL BE MADE.

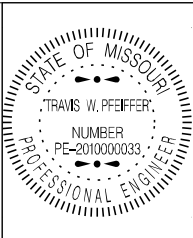
(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(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) REAR 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.

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TRAFFIC
CONTROL SHEET
SHEET 5 OF 5



DATE PREPARED 9/27/2023	
ROUTE C	STATE MO
DISTRICT SL	SHEET NO. 14
COUNTY JEFFERSON	
JOB NO. JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

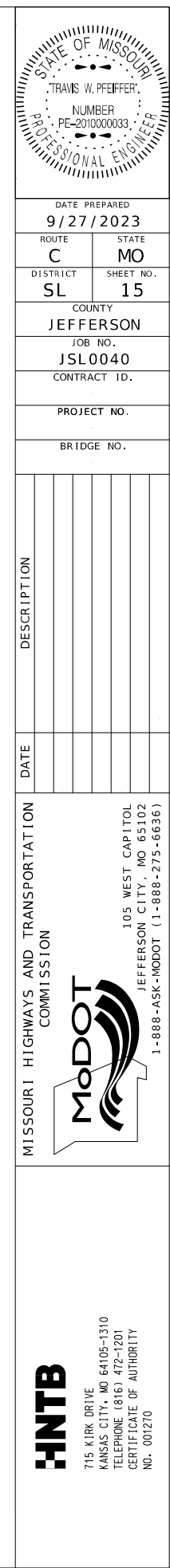
MoDOT

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

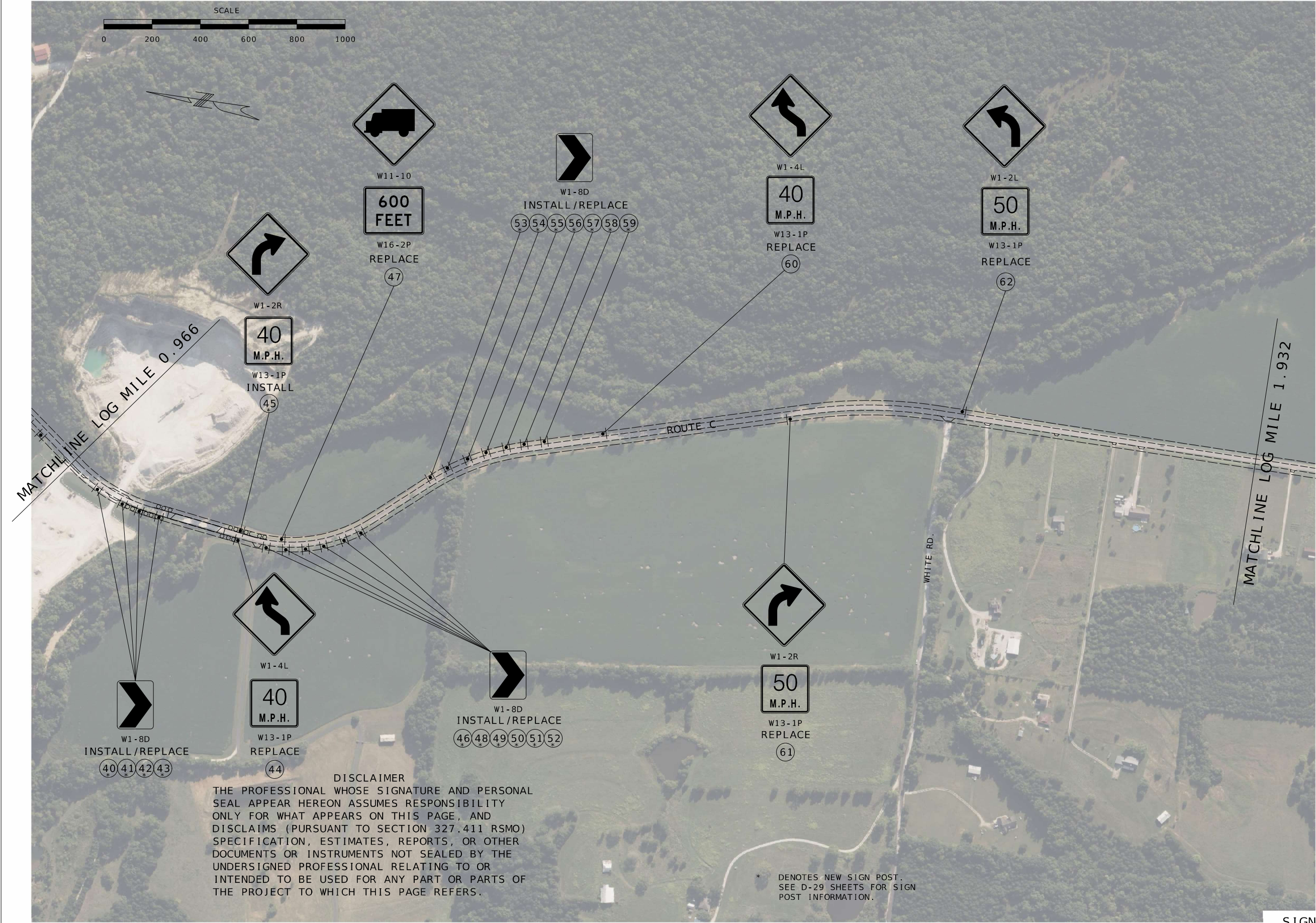
HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

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015_SN_01_JSL0040_1200.dgn 6:53:51 AM 9/27/2023



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* DENOTES NEW SIGN POST.
SEE D-29 SHEETS FOR SIGN POST INFORMATION.

STATE OF MISSOURI

TRAVIS W. PFEFFER

NUMBER

PE-2010000033

PROFESSIONAL ENGINEER

DATE PREPARED

9/27/2023

ROUTE

C

STATE

MO

DISTRICT

SL

SHEET NO.

16

COUNTY

JEFFERSON

JOB NO.

JSL0040

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 (1-888-273-6636)

HNTB

715 KIRK DRIVE

KANSAS CITY, MO 64105-1310

TELEPHONE (816) 472-1201

CERTIFICATE OF AUTHORITY

NO. 001270

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SIGNING SHEET
SHEET 2 OF 10

016_SN_02_JSL0040_1200.dgn 6:54:36 AM 9/27/2023

[illegible]

EFFECTIVE 07-01-2022

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.

SIGN SIZE

LOG MILE

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 11" BARS @ 2.55 LBS PER FT

NO.

LGTH

TOTAL

TOTAL

U-CHANNEL POST

ITEM NO. 9031250A

LF

PERFORATED SQUARE STEEL TUBE

2 IN. POST

2.5 IN. POST

POST NO. 1

POST NO. 2

TOTAL ITEM NO. 9031270A

DRIVEN 12-GA. ITEM NO. 9031271A

ANCHORS

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

ANCHORS

DRIVEN 7-GA. ITEM NO. 9031281A

CONCRETE 7-GA. ITEM NO. 9031285

BREAK-AWAY ASSEMBLY ITEM NO. 9031241

REMARKS AND OTHER REQUIRED ITEMS

STATE OF MISSOURI

TRANS. W. PFEIFFER

NUMBER PE-2010000033

PROFESSIONAL ENGINEER

DATE PREPARED

9/27/2023

ROUTE

C

STATE

MO

DISTRICT

SL

SHEET NO.

21

COUNTY

JEFFERSON

JOB NO.

JSL0040

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)

HNTB

715 KIRK DRIVE KANSAS CITY, MO 64105-1310 TELEPHONE (816) 472-1201 CERTIFICATE OF AUTHORITY NO. 001270

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'- ¾"	12"	4-6"	0.13
3	7.58	0.63	4'- ¾"	12"	4-6"	0.13
4	10.79	0.90	5'- ¾"	18"	5-6"	0.36

NOTE:

POST LENGTHS HAVE BEEN APPROXIMATED FOR ESTIMATION PURPOSES.

CONTRACTOR SHALL FIELD VERIFY AND MODIFY POST LENGTHS AS REQUIRED TO MEET SIGN HEIGHT REQUIREMENTS.

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				
		LBS/FT	LBS/IN		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 SHEET 7 OF 10

D-29

020-024_SN_06-10_JSL0040_11.dgn 2:12:15 PM 9/27/2023

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* ORANGE, YELLOW & YELLOW/GREEN

D - 30

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

715 KIRK DRIVE
KANSAS CITY, MO 64105-1310
TELEPHONE (816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

DATE PREPARED	
9/27/2023	
ROUTE	STATE
C	MO
DISTRICT	SHEET NO.
SL	24
COUNTY	
JEFFERSON	
JOB NO.	
JSL0040	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

HNTB
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NO. 001270

D-30