

DESIGN DESIGNATION

AADT - 2024 = 1083
 DHV = 7%
 T = 11%
 V = 55 MPH

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

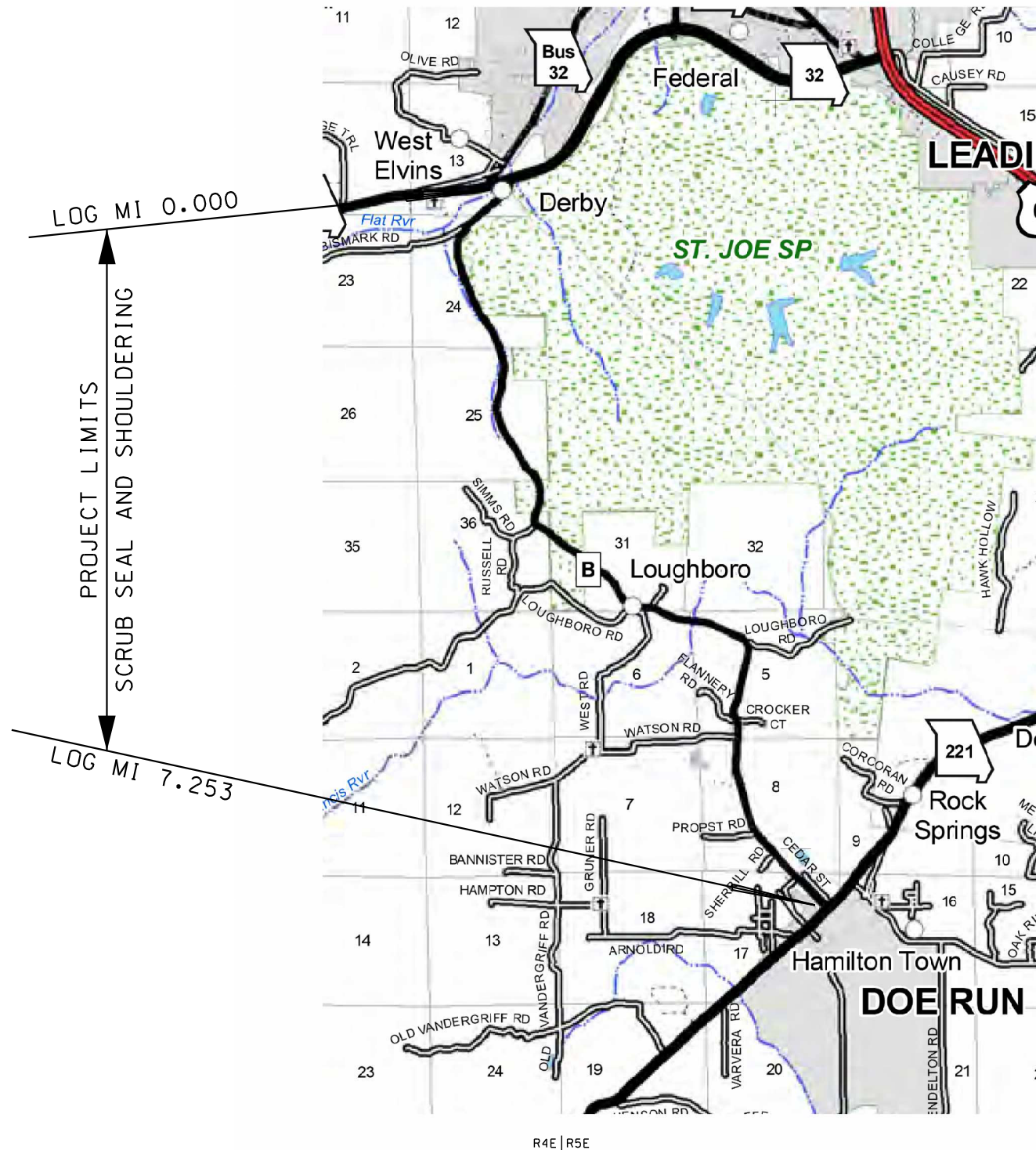
NO NEW RIGHT OF WAY

CONVENTIONAL SYMBOLS
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
UTILITIES		
FIBER OPTICS	[Symbol]	[Symbol]
OVERHEAD TELEPHONE	[Symbol]	[Symbol]
UNDERGROUND TELEPHONE	[Symbol]	[Symbol]
OVERHEAD POWER	[Symbol]	[Symbol]
UNDERGROUND POWER	[Symbol]	[Symbol]
GAS	[Symbol]	[Symbol]
WATER	[Symbol]	[Symbol]
MANHOLE	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE		
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
ST. FRANCOIS COUNTY



INDEX OF SHEETS

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THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 12/19/2024

ROUTE	STATE
B	MO
DISTRICT	SHEET NO.
SE	1

COUNTY: ST. FRANCOIS
 JOB NO.: JSE0152
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MI	0.000
END OF PROJECT	LOG MI	7.253
APPARENT LENGTH		38295.84 FEET

EQUATIONS AND EXCEPTIONS
 LOG MI 0.514 TO LOG MI 0.524 RR -53'
 LOG MI 4.457 TO LOG MI 4.503 (A4414) -242'

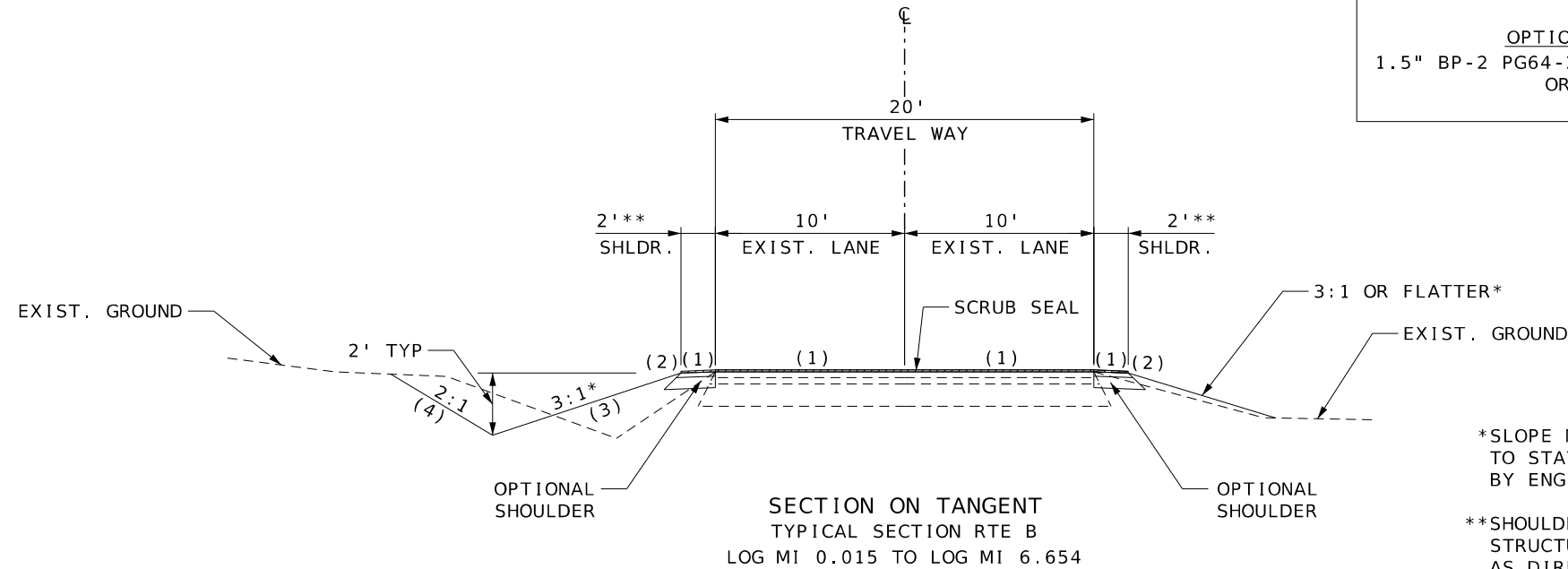
TOTAL CORRECTIONS	-295 FEET
NET LENGTH OF PROJECT	38000.84 FEET
STATE LENGTH	7.197 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	16 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Pickering
 Pickering Firm, Inc.
 101 South Church Street, Suite 303
 Jonesboro, AR 72401
 Phone: 870.336.0117
 Missouri Certificate of Authority No. 2012006790

- (1) MATCH EXISTING TRAVELWAY CROSS SLOPE
- (2) SAFETY EDGE, SEE STANDARD PLANS
- (3) BRING FINISHED GRADE UP TO PAVEMENT EDGE
- (4) THE BACK SLOPE SHALL BE EXCAVATED ONLY TO THE EXTENT NECESSARY TO CONFORM WITH THE LINES AND GRADES OF THE TYPICAL SECTION. THE BACKSLOPE SHALL NOT BE EXCAVATED FOR THE SOLE PURPOSE OF GENERATING EMBANKMENT MATERIAL.

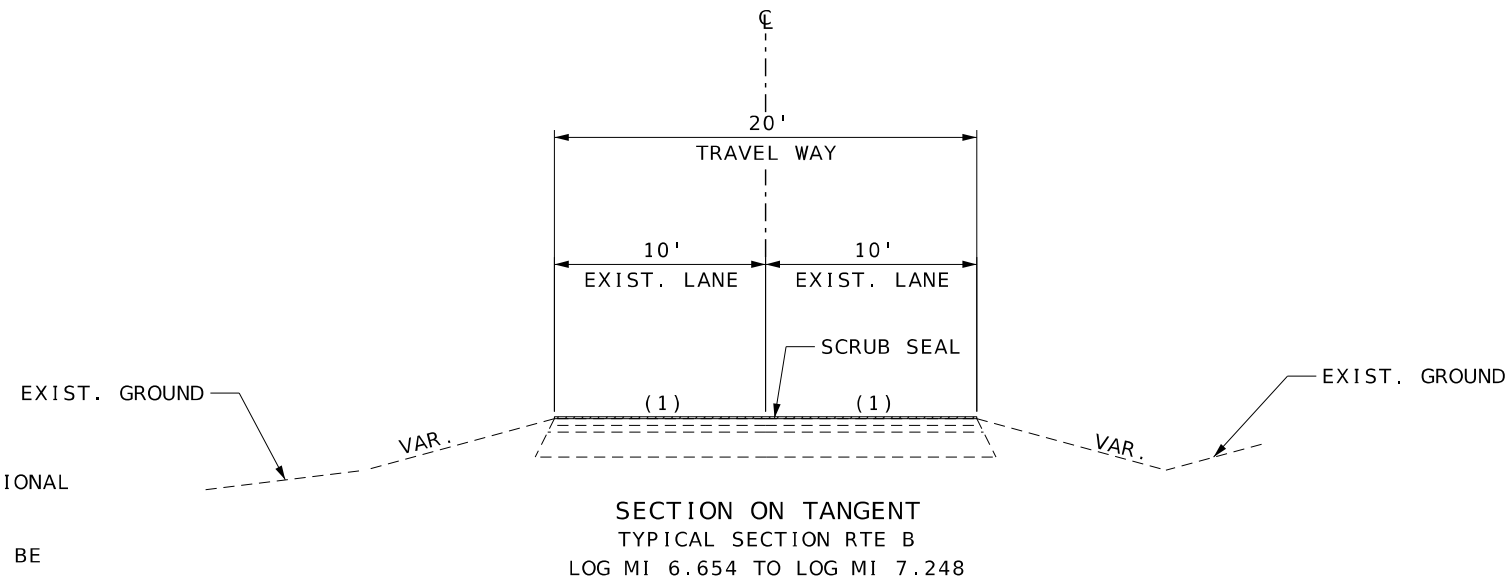


OPTIONAL SHOULDER
1.5" BP-2 PG64-22 OVER 4" PMBB PG64-22
OR 5.5" PCC

*SLOPE MAY BE STEEPEND TO A MAX OF 2:1, TO STAY WITHIN RIGHT OF WAY, OR AS DIRECTED BY ENGINEER

**SHOULDER WIDTH MAY BE REDUCED ACROSS DRAINAGE STRUCTURES OR IN AREAS DUE TO FEASIBILITY, AS DIRECTED BY ENGINEER

EXCEPTION
RAILROAD LOG MI 0.514 TO LOG MI 0.524
BRIDGE A4414 LOG MI 4.457 TO LOG MI 4.503



- NOTES:
- ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY.
 - ANY SAWCUTS REQUIRED FOR INSTALLATION SHALL BE AT NO DIRECT PAY.
 - PROVIDE CLEAN STRAIGHT EDGE BETWEEN EXISTING PAVEMENT AND OPTIONAL SHOULDER AT NO DIRECT PAY. METHOD SHALL BE APPROVED BY THE ENGINEER.
 - INSTALL SAFETY EDGE ON ALL SHOULDER PAVEMENT WIDTHS ≤ 4'.

TYPICAL SECTIONS
SHEET 1 OF 1



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/27/2024

ROUTE	STATE
B	MO
DISTRICT	SHEET NO.
SE	2

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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REMOVAL OF IMPROVEMENTS			
LOG MI	LOC	LENGTH	REMARKS
4.428	LT	APPROX 150'	BRIDGE A4414 GUARDRAIL
4.428	RT	APPROX 150'	BRIDGE A4414 GUARDRAIL
4.506	LT	APPROX 150'	BRIDGE A4414 GUARDRAIL
4.506	RT	APPROX 150'	BRIDGE A4414 GUARDRAIL
LUMP SUM 1			

LOCATIONS AND QUANTITIES ARE APPROXIMATE, FOLLOW SEC 202.30.

MAILBOX POSTS			
LOG MI	LOG MI	WOOD POST 4" x 4" LF	REMARKS
0.022	6.654	420.0	APPROX. 70 POSTS
		420	

ESTIMATED QUANTITIES
LOCATIONS TO BE DETERMINED BY THE ENGINEER

MOBILIZATION - LUMP SUM 1

ADDITIONAL MOBILIZATION FOR SEEDING
3 OCCURENCES EACH

PERMANENT AGGREGATE EDGE TREATMENT					
LOG MI	LOG MI	LOC	LENGTH FT	PERM AGG EDGE TREATMENT TONS	REMARKS
0.015	6.654	LT	35053.92	1000	
			TOTAL	1000.0	

PERMANENT AGGREGATE EDGE TREATMENT SHALL BE USED TO CONSTRUCT MAILBOX TURNOUTS THROUGHOUT THE PROJECT AND OTHER LOCATIONS AS DIRECTED BY ENGINEER.

ESTIMATED SHOULDERING EARTHWORK					
LOG MI	LOG MI	LOC	CUT CY	FILL CY	REMARKS
0.015	6.654	RTE B	3200 TO 6200	3200 TO 6400	
			NO DIRECT PAY	NO DIRECT PAY	

ESTIMATED QUANTITY FOR INFORMATIONAL PURPOSES ONLY
CONTRACTOR IS RESPONSIBLE FOR ESTIMATING QUANTITY BEFORE BIDDING

GRAVEL A OR CRUSHED STONE B				
LOG MI	LOG MI	LOC	GRAVEL A OR CRUSHED STONE B TONS	REMARKS
0.015	6.654	VAR	70	APPROX 70 ENTRANCES (2' APRON)
			TOTAL	70

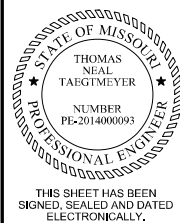
ESTIMATED QUANTITIES. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
SEE SPECIAL SHEETS FOR ENTRANCE DETAILS.

SCRUB SEAL								
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	MINERAL AGGREGATE SY	SCRUB SEAL EMULSION GAL	REMARKS	
0.022	0.514	CL	2597.76	24	6927.4	1731.9		
0.524	4.419	CL	20565.60	24	54841.6	13710.4		
4.419	4.423	CL	21.12	27	63.4	15.9		
4.423	4.457	CL	179.52	28	558.5	139.6		
4.503	4.537	CL	179.52	28	558.5	139.6		
4.537	4.541	CL	21.12	27	63.4	15.9		
4.541	6.654	CL	11156.64	24	29751.0	7437.8		
6.654	7.253	CL	3162.72	20	7028.3	1757.1		
					TOTAL	99792	24948	

SCRUB SEAL EMULSION RATE OF 0.25 GAL/SY.
LOG MILES ARE APPROXIMATE.

OPTIONAL SHOULDERS AND GRADING											
LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	OPTIONAL SHOULDER				TACK 0.08 GAL/SY GAL	SHOULDER GRADING 100 FT	REMARKS
					4" PMBB PG 64-22 2.067 TON/CY		1.5" BP-2 PG 64-22 2.040 TON/CY				
					CY	TON	CY	TON			
0.015	0.514	LT	2634.72	2	65.05	134.46	24.40	49.78	46.84	26.35	
0.524	4.424	LT	20592	2	508.44	1050.95	190.67	388.97	366.08	205.92	
4.424	4.428	LT	21.12	3	0.78	1.61	0.29	0.59	0.56	0.21	
4.428	4.457	LT	153.12	4	7.56	15.63	2.84	5.79	5.44	1.53	
4.503	4.537	LT	179.52	4	8.87	18.33	3.32	6.77	6.38	1.80	
4.537	4.541	LT	21.12	3	0.78	1.61	0.29	0.59	0.56	0.21	
4.541	6.654	LT	11156.64	2	275.47	569.40	103.30	210.73	198.34	111.57	
0.022	0.514	RT	2597.76	2	64.14	132.58	24.05	49.06	46.18	25.98	
0.524	4.419	RT	20565.6	2	507.79	1049.60	190.42	388.46	365.61	205.66	
4.419	4.423	RT	21.12	3	0.78	1.61	0.29	0.59	0.56	0.21	
4.423	4.457	RT	179.52	4	8.87	18.33	3.32	6.77	6.38	1.80	
4.503	4.532	RT	153.12	4	7.56	15.63	2.84	5.79	5.44	1.53	
4.532	4.536	RT	21.12	3	0.78	1.61	0.29	0.59	0.56	0.21	
4.536	6.654	RT	11183.04	2	276.12	570.74	103.55	211.24	198.81	111.83	
0.015	6.654	LT & RT	35053.92	VAR	71.64		26.51				SAFETY EDGE
					TOTAL	3653.7		1352.2		695	

LOG MILES AND LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS TO BE FIELD VERIFIED OR DETERMINED BY THE ENGINEER.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
11/27/2024

ROUTE B	STATE MO
DISTRICT SE	SHEET NO. 3

COUNTY
ST. FRANCOIS


JOB NO.
JSE0152

CONTRACT ID.


PROJECT NO.

BRIDGE NO.

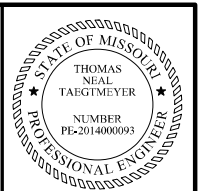
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



Pickering Firm, Inc.
101 South Church Street, Suite 303
Jonesboro, AR 72401
Phone: 870.336.0117
Missouri Certificate of Authority No. 2012006790



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DATE PREPARED 11/27/2024

ROUTE B STATE MO DISTRICT SE SHEET NO. 3

COUNTY ST. FRANCOIS

JOB NO. JSE0152

CONTRACT ID.

PROJECT NO.


BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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ROCK DITCH LINER						REMARKS
LOG MI	LOG MI	LOC	FURNISHING TYPE 2 ROCK DITCH LINER CY	PLACING TYPE 2 ROCK DITCH LINER CY	PERMANENT EROSION CONTROL GEOTEXTILE SY	
2.902	2.997	LT	148.62	148.62	445.87	LOCATIONS AS DIRECTED BY ENGINEER
3.059	3.188	LT	252.27	252.27	756.80	
3.300	3.390	LT	140.80	140.80	422.40	
3.513	3.558	LT	70.40	70.40	211.20	
3.566	3.612	LT	71.96	71.96	215.89	
5.284	5.516	RT	362.95	362.95	1088.85	
5.587	5.616	RT	45.37	45.37	136.11	
VARIOUS			109.24	109.24	327.71	
		TOTAL	1202	1202	3605	

LOG MILES ARE APPROXIMATE.
ESTIMATED QUANTITIES. LOCATIONS TO BE FIELD VERIFY OR DETERMINED BY THE ENGINEER.

BITUMINOUS SHOULDER RUMBLE STRIP					REMARKS
LOG MI	LOG MI	LOC	LENGTH FT	SHOULDER RUMBLE STA	
0.015	0.514	LT	2634.72	26.35	DRIVEWAYS & TURNOUTS
0.524	4.457	LT	20766.24	207.66	
4.503	6.654	LT	11357.28	113.57	
0.022	0.517	RT	2613.60	26.14	
0.520	4.457	RT	20787.36	207.87	
4.503	6.654	RT	11357.28	113.57	
EXCEPTION		LT & RT	(12600.00)	(126.00)	
		TOTAL		569.2	

LOG MILES ARE APPROXIMATE.
RUMBLE STRIPS SHALL BE OMITTED THROUGH DRIVEWAYS, INTERSECTIONS, AND ON BRIDGE

PERMANENT PAVMENT MARKING								REMARKS
LOG MI	LOG MI	LOC	WATERBORNE TYPE P BEADS 4" SOLID WHITE LF	WATERBORNE TYPE P BEADS 4" INT YELLOW LF	WATERBORNE TYPE P BEADS 4" SOLID YELLOW LF	PREFORMED THERMOPLASTIC 24" STOP WHITE LF	PREFORMED THERMOPLASTIC RAILROAD CROSSING MARKER EA	
0.015	7.253	RTE B	75530	420	74595	24	2	EXACT LOCATIONS TO BE DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH THE PAVEMENT MARKING LOG JSP.
		TOTAL	75530		75015	24	2	

SEEDING AND MULCHING					
LOG MI	LOG MI	LOC	SEEDING AC	MULCHING AC	REMARKS
0.015	0.514	LT	0.60	0.60	TEMPORARY SEEDING
0.524	4.457	LT	4.77	4.77	
4.503	6.654	LT	2.61	2.61	
0.022	0.517	RT	0.60	0.60	
0.520	4.457	RT	4.77	4.77	
4.503	6.654	RT	2.61	2.61	
		TOTAL	16.0	24.1	

ESTIMATED QUANTITIES. LOG MILES ARE APPROXIMATE.

TEMPORARY PAVEMENT MARKING PAINT
LUMP SUM 1

TEMPORARY EROSION CONTROL										REMARKS
LOG MI	LOG MI	LOC	ALT DITCH CHECK LF	ROCK DITCH CHECK LF	SEDIMENT TRAP ROCK CY	SEDIMENT TRAP EXCAVATION CY	SILT FENCE LF	SEDIMENT REMOVAL CY	TEMPORARY SEEDING AC	
0.015	6.654	LT & RT	500	1200	200	100	3500	215	8.05	ESTIMATED QUANTITIES. AS DIRECTED BY THE ENGINEER.
		TOTAL	500	1200	200	100	3500	215	8.1	

GUARDRAIL					REMARKS
LOG MI	LOC	MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR / NO CURB) EA	MGS GUARDRAIL LF	MASH TYPE A CRASHWORTHY END TERMINAL EA	
4.423	RT	1	87.5	1	BRIDGE A4414
4.428	LT	1	62.5	1	BRIDGE A4414
4.503	LT	1	87.5	1	BRIDGE A4414
4.503	RT	1	62.5	1	BRIDGE A4414
	TOTAL	4	300	4	

LOG MILES ARE APPROXIMATE.

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL AREA, QTY RELOC, TOTAL RELOC, SIGN NUM., DESCRIPTION. Rows include WARNING SIGNS, REGULATORY SIGNS, and MISCELLANEOUS SIGNS.

Table with columns: SIGN, SIZE, AREA, QTY, TOTAL, RELOC, SIGN NUM., DESCRIPTION. Rows include GUIDE SIGNS and REGULATORY SIGNS.

Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION. Lists item numbers 6122008 through 9029401 and their corresponding descriptions.

SEE STANDARD 616.20 FOR TEMPORARY TRAFFIC CONTROL FOR TWO-LANE ROADWAYS

* FRESH OIL/LOOSE GRAVEL SIGN

-SHALL BE PLACED AT THE BEGINNING OF THE PROJECT -SHALL BE INSTALLED IN LIEU OF "UNEVEN LANES" SIGN PER STANDARD PLAN 616.20B (AFTER STATE ROUTE INTERSECTIONS AND AT 1-MILE INTERVALS).



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DATE PREPARED 11/27/2024

ROUTE B STATE MO DISTRICT SE SHEET NO. 3 COUNTY ST. FRANCOIS

JOB NO. JSE0152 CONTRACT ID.

PROJECT NO. BRIDGE NO.

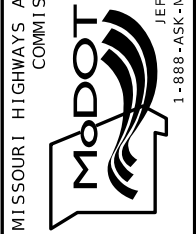
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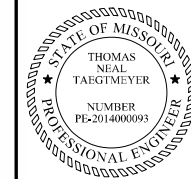
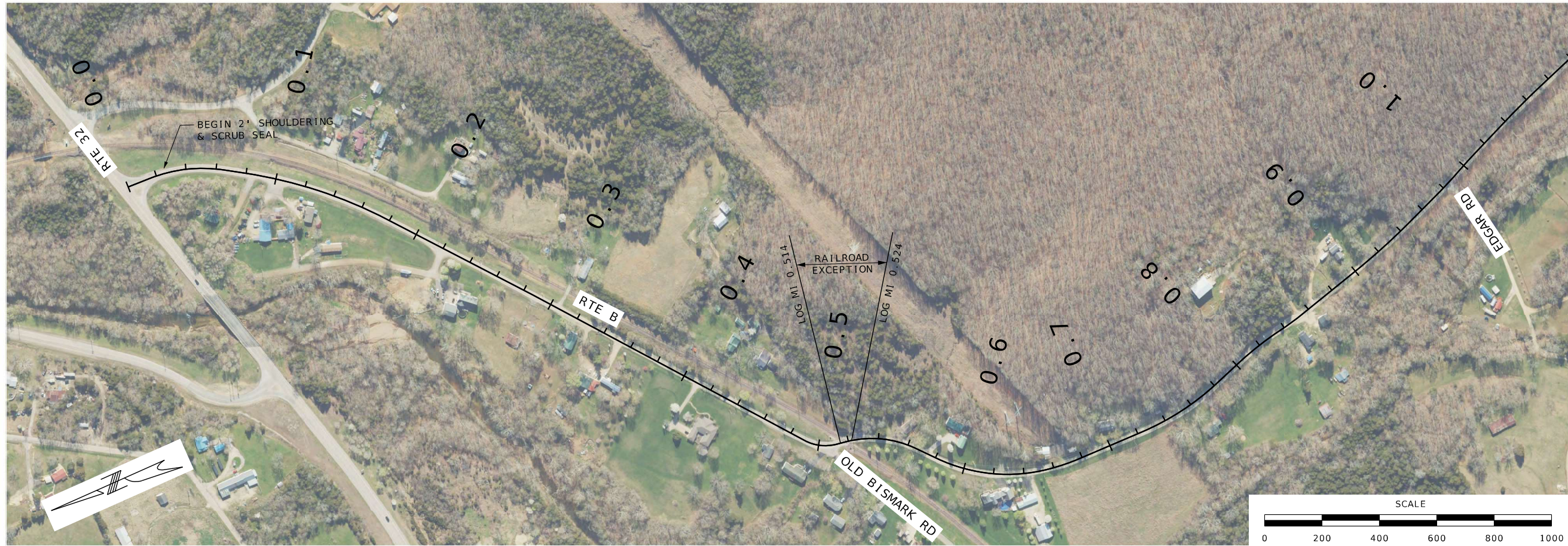
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Pickering Firm, Inc. logo and address: 101 South Church Street, Suite 303 Jonesboro, AR 72401. Phone: 870.336.0117. Missouri Certificate of Authority No. 2012006790.



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DATE PREPARED
12/18/2024

ROUTE B STATE MO

DISTRICT SE SHEET NO. 4

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

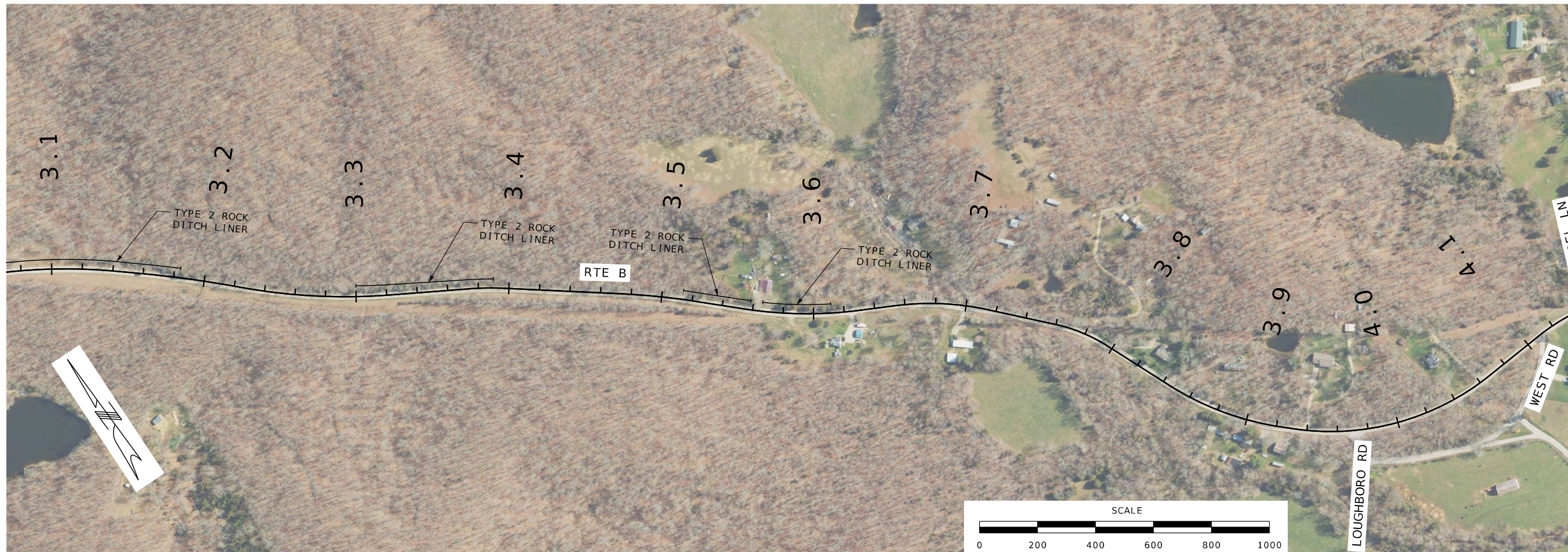
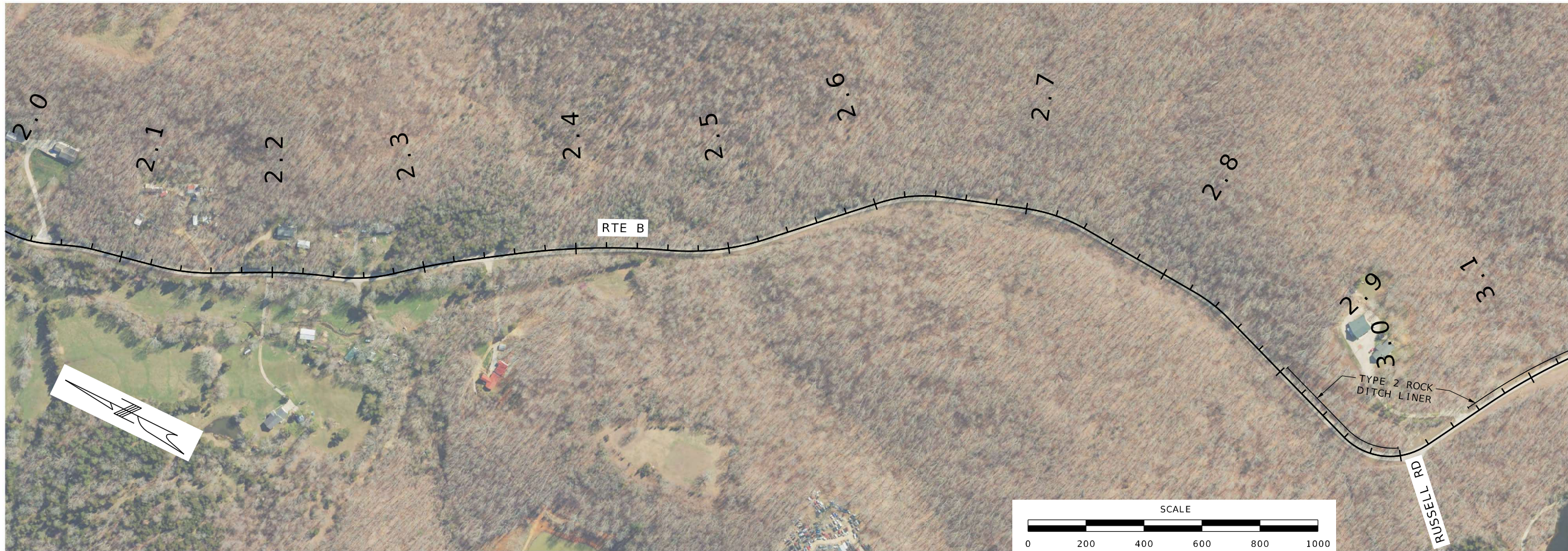
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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PLAN SHEETS
SHEET 1 OF 4



PLAN SHEETS
SHEET 2 OF 4



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12/18/2024

ROUTE B STATE MO

DISTRICT SE SHEET NO. 5

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

PROJECT NO.

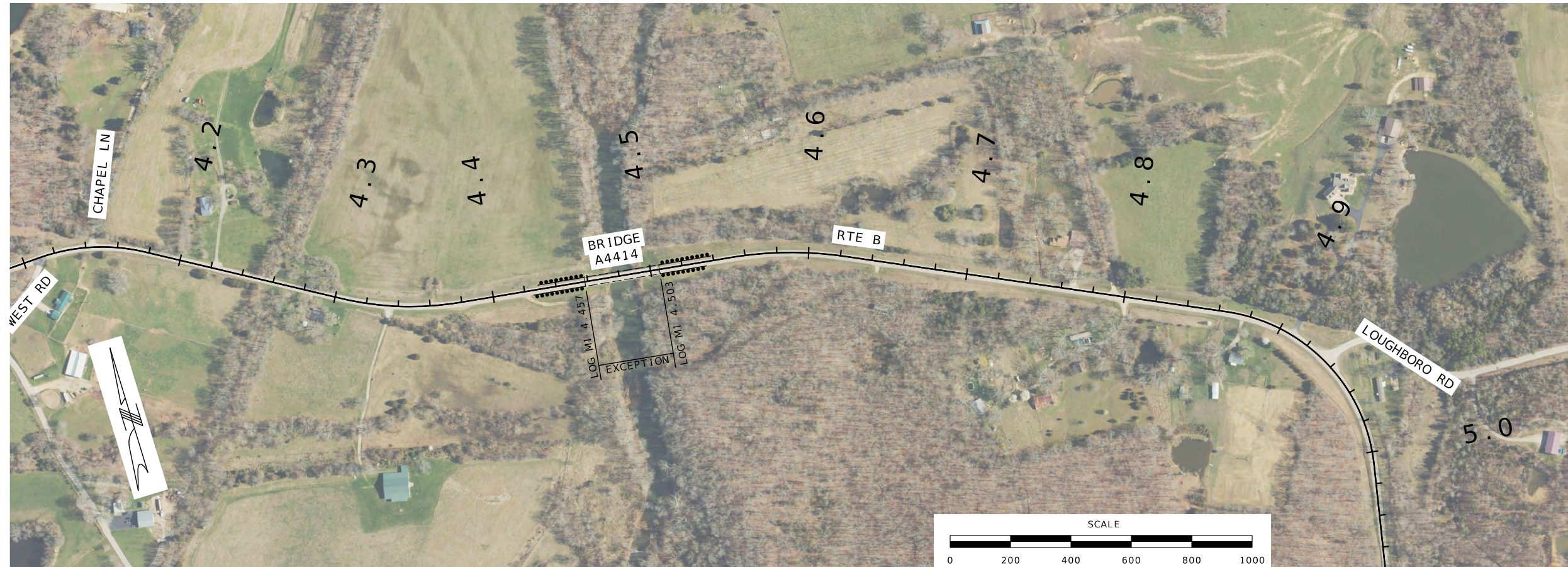
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
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ROUTE B STATE MO

DISTRICT SE SHEET NO. 6

COUNTY ST. FRANCOIS

JOB NO. JSE0152

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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PLAN SHEETS
SHEET 3 OF 4



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DATE PREPARED
12/18/2024

ROUTE STATE
B MO

DISTRICT SHEET NO.
SE 7

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

PROJECT NO.

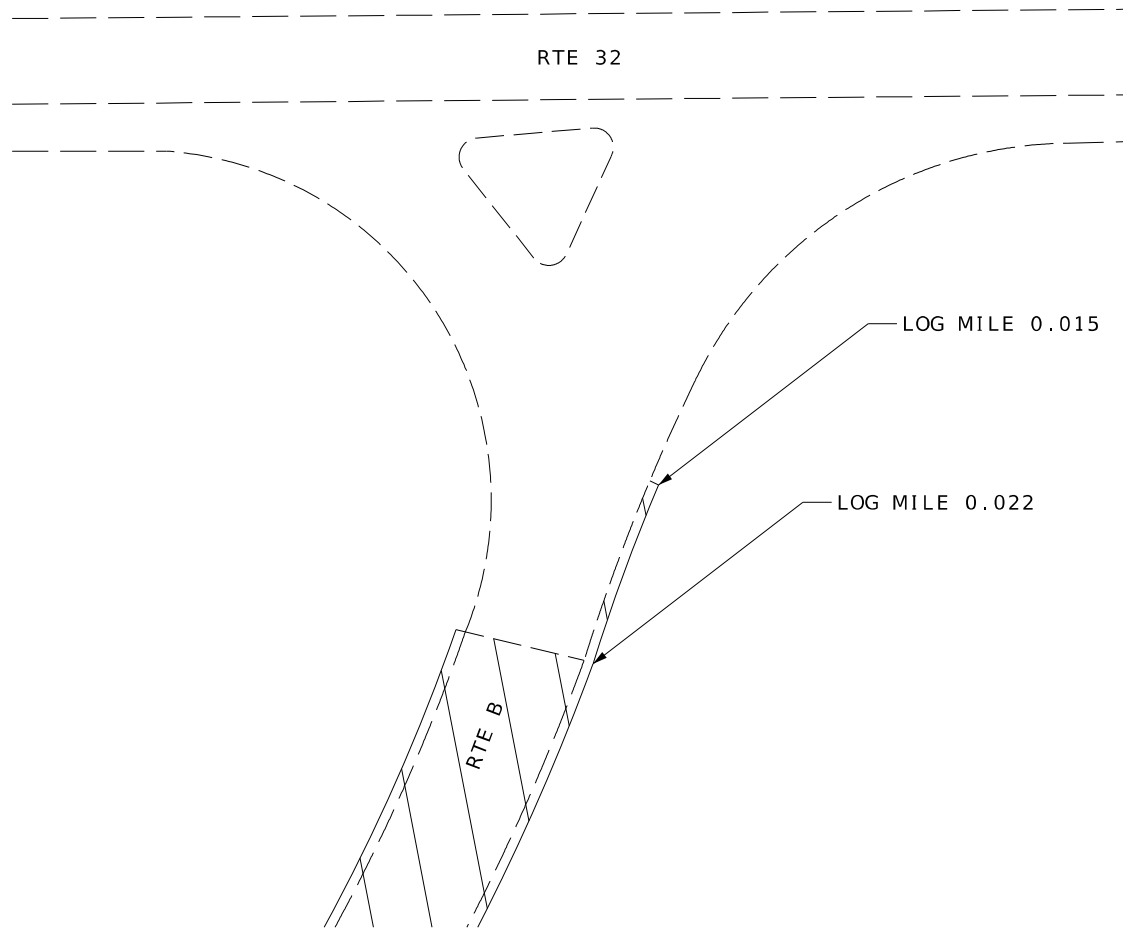
BRIDGE NO.

DATE	DESCRIPTION

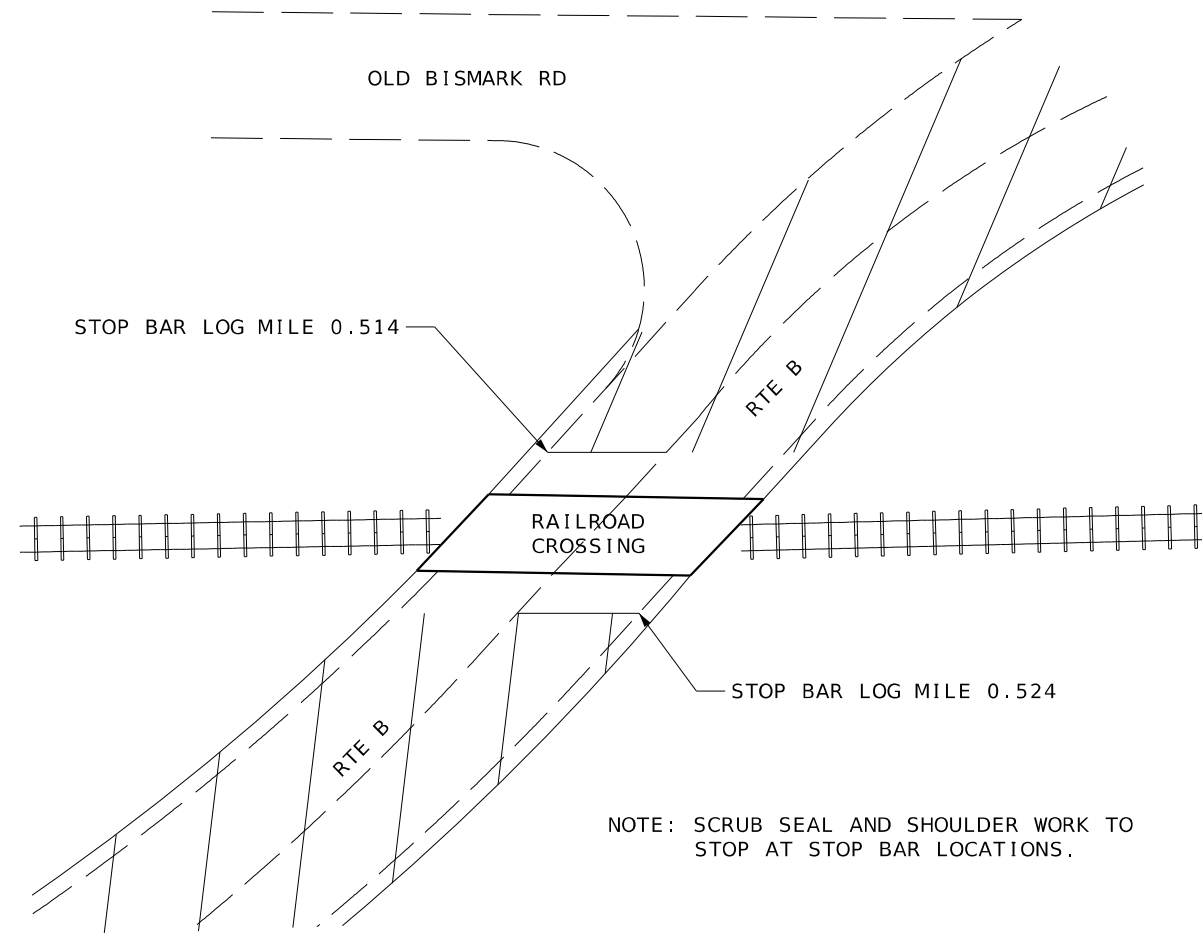
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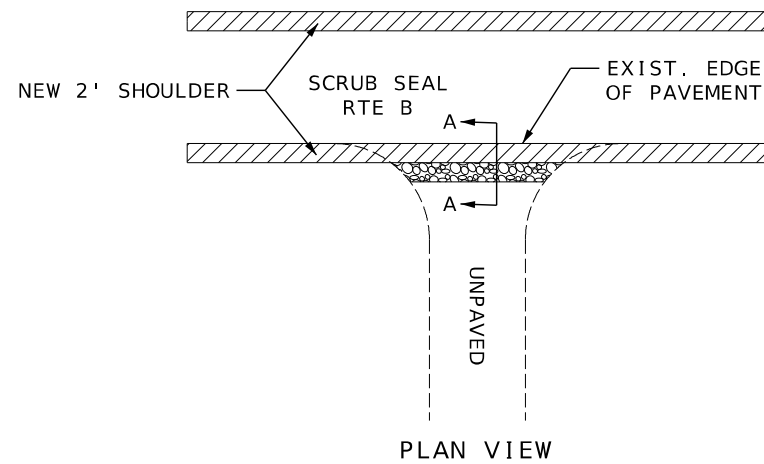
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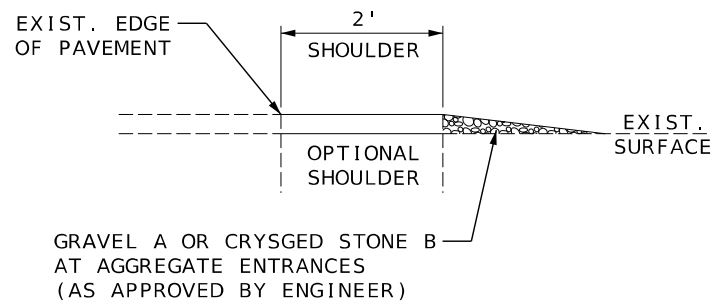
BEGINNING OF PROJECT
LOG MI 0.015



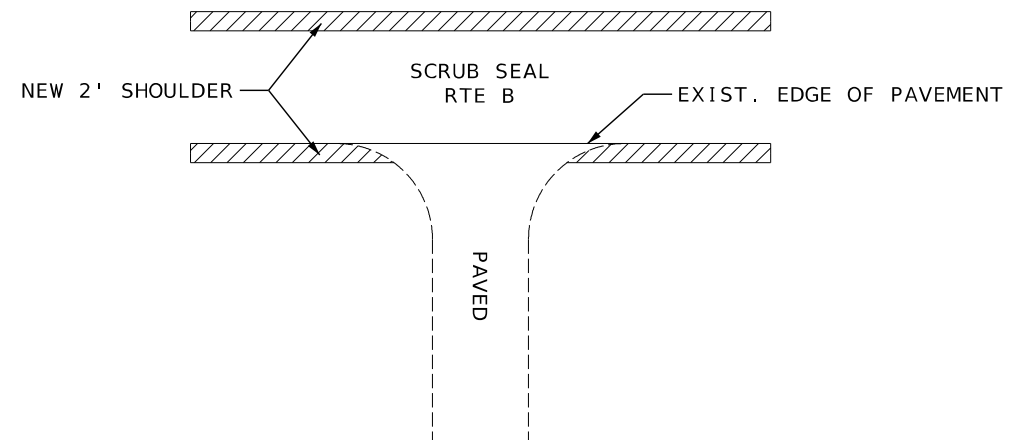
RAILROAD CROSSING DETAIL
LOG MI 0.517 - LOG MI 0.520



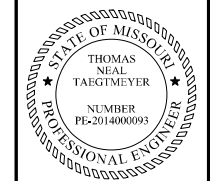
UNPAVED COUNTY ROADS,
CITY STREETS & PRIVATE ENTRANCES



TYPICAL SECTION
A-A



PAVED COUNTY ROADS,
CITY STREETS & PRIVATE ENTRANCES



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DATE PREPARED
11/27/2024

ROUTE B	STATE MO
DISTRICT SE	SHEET NO. 8

COUNTY
ST. FRANCOIS
JOB NO.
JSE0152
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)

Pickering Firm, Inc.
101 South Church Street, Suite 303
Jonesboro, AR 72401
Phone: 870.336.0117
Missouri Certificate of Authority No. 2012006790

SPECIAL SHEETS
SHEET 1 OF 2
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 11/27/2024

ROUTE B STATE MO
DISTRICT SE SHEET NO. 9

COUNTY ST. FRANCOIS

JOB NO. JSE0152

CONTRACT ID.

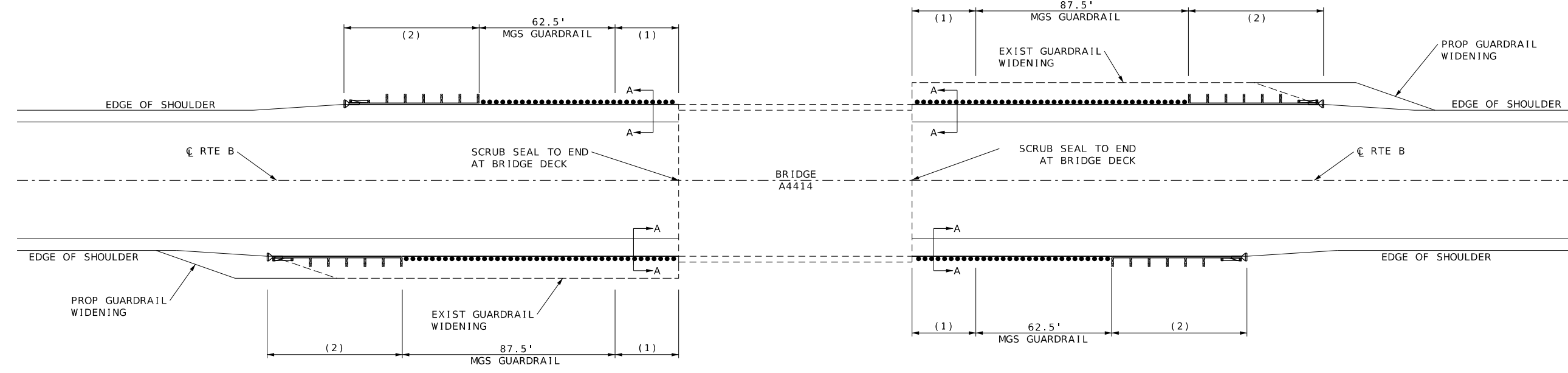
PROJECT NO.

BRIDGE NO.

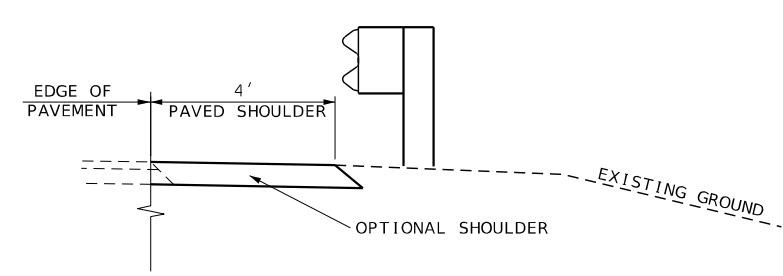
DATE	DESCRIPTION

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- NOTES:
- (1) MGS BRIDGE APPROACH TRANSITION
 - (2) TYPE A CRASHWORTHY END TERMINAL (MASH)



SECTION A-A

BRIDGE DETAIL FOR SCRUB SEAL AND SHOULDERING

SPECIAL SHEETS
SHEET 2 OF 2
DRAWING NOT TO SCALE

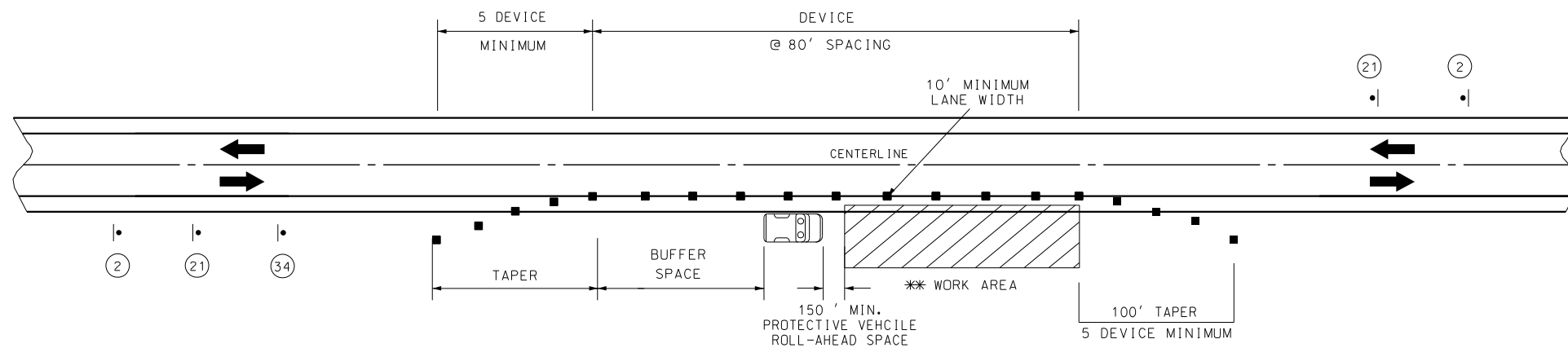
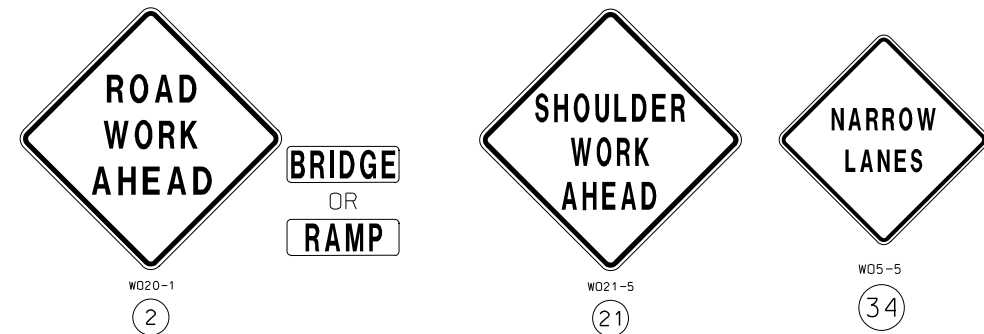
PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)	TAPER LENGTH SHOULDER (FT)	CHANNELIZER SPACING (FT)	
			TAPERS	BUFFER/WORK AREAS
0 - 35	280	70	35	40
40 - 45	400	150	40	80
50 - 55	560	185	50	80
60 - 70	840	235	60	120

SPEED	SIGN SPACING (FT.) (1)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

NOTES:

(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.



WORK ZONE FOR SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS

TRAFFIC CONTROL LEGEND

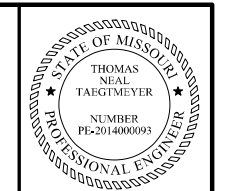
-  FLAGGER
-  CHANNELIZER
-  SIGN

NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

ADDITIONAL TRAFFIC CONTROL FOR 2-LANE ROADWAY SHALL BE IN ACCORDANCE WITH MODOT STD PLANS 616.20.



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DATE PREPARED
11/27/2024

ROUTE
B

STATE
MO

DISTRICT
SE

SHEET NO.
10

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



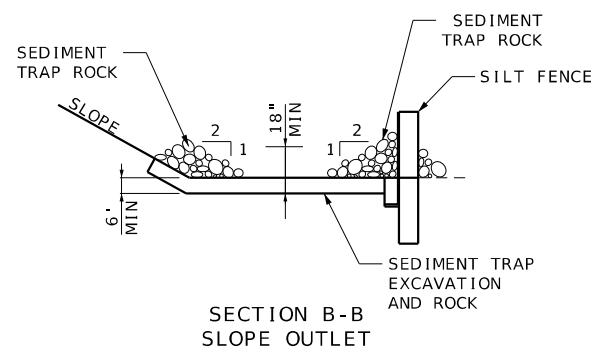
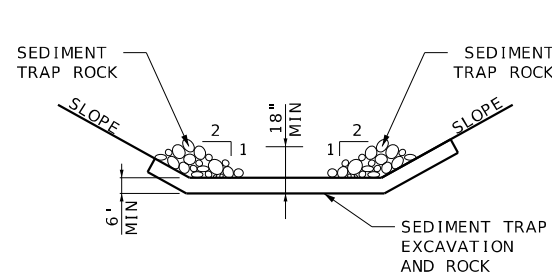
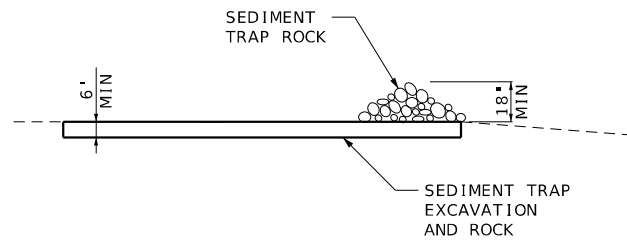
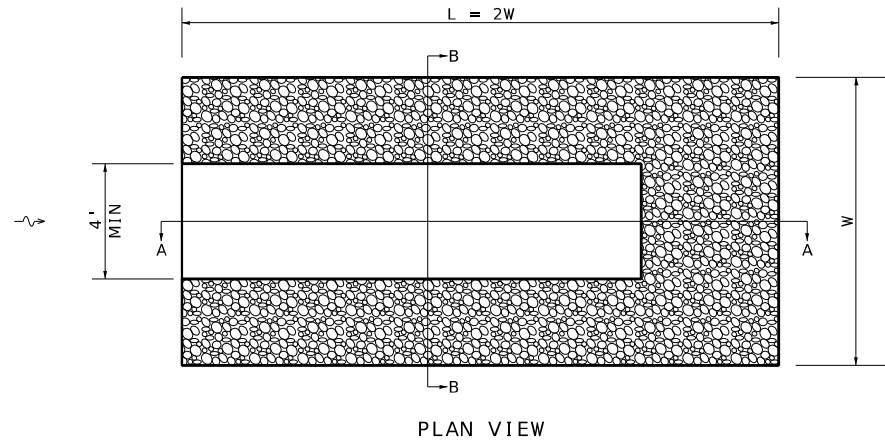
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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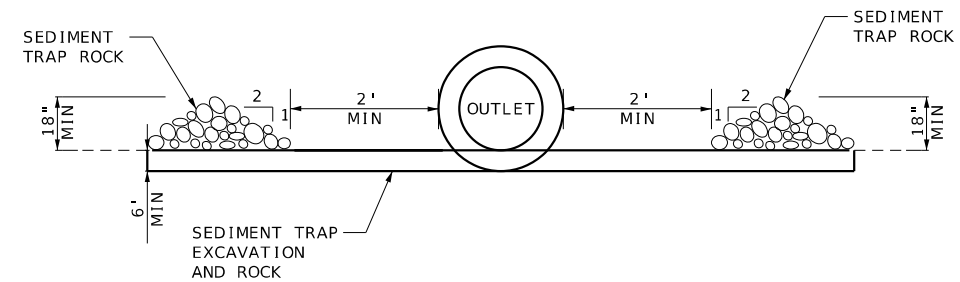
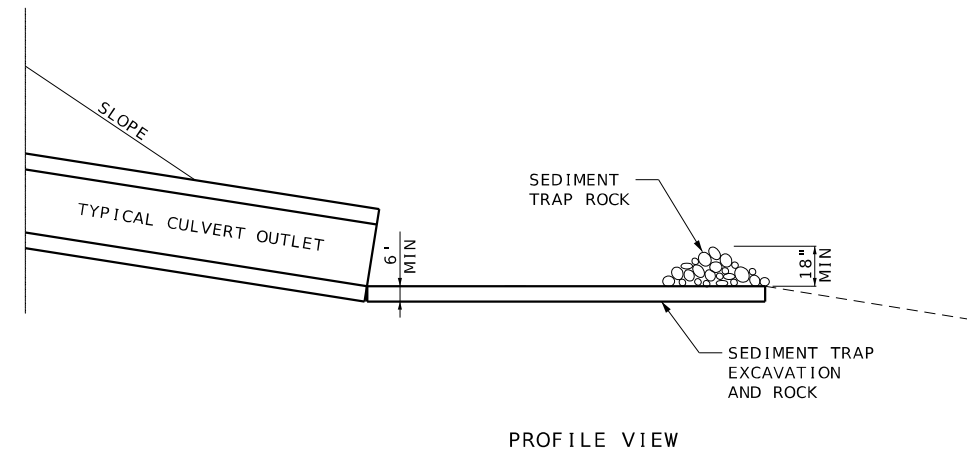
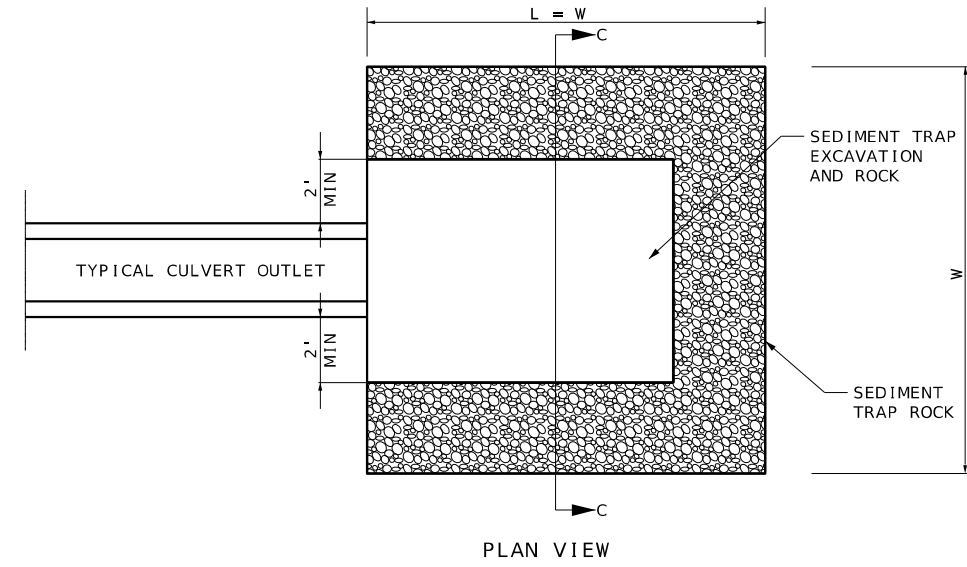
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SEDIMENT TRAP DETAIL

DITCH/SLOPE OUTLET



CULVERT OUTLET



NOTE:

LOCATION SHALL INCLUDE CULVERT OUTLETS AND DITCHES WHERE WATER EXITS R/W OR PRIOR TO ENTERING A STREAM. AS DIRECTED BY ENGINEER.

SEDIMENT TRAPS TO BE L = W AS LONG AS DIMENSION STAY WITHIN R/W. DIMENSION MAY BE ADJUSTED TO FIT WITHIN R/W. AS APPROVED BY ENGINEER.

LOCATIONS WITHIN THE CLEARZONE SHALL BE REMOVED OR LEVELED AFTER VEGETATION HAS BEEN ESTABLISHED PROVIDING SUFFICIENT PROTECTION OF THE DITCH OR SWALE, AS APPROVED BY ENGINEER.

SEE STD PLAN 806.10 FOR ADDITIONAL DETAILS.



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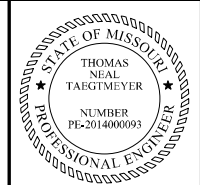
DATE PREPARED 11/27/2024	
ROUTE B	STATE MO
DISTRICT SE	SHEET NO. 11
COUNTY ST. FRANCOIS	
JOB NO. JSE0152	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

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DATE PREPARED

11/27/2024

ROUTE STATE
B MO

DISTRICT SHEET NO.
SE 12

COUNTY
ST. FRANCOIS

JOB NO.
JSE0152

CONTRACT ID.

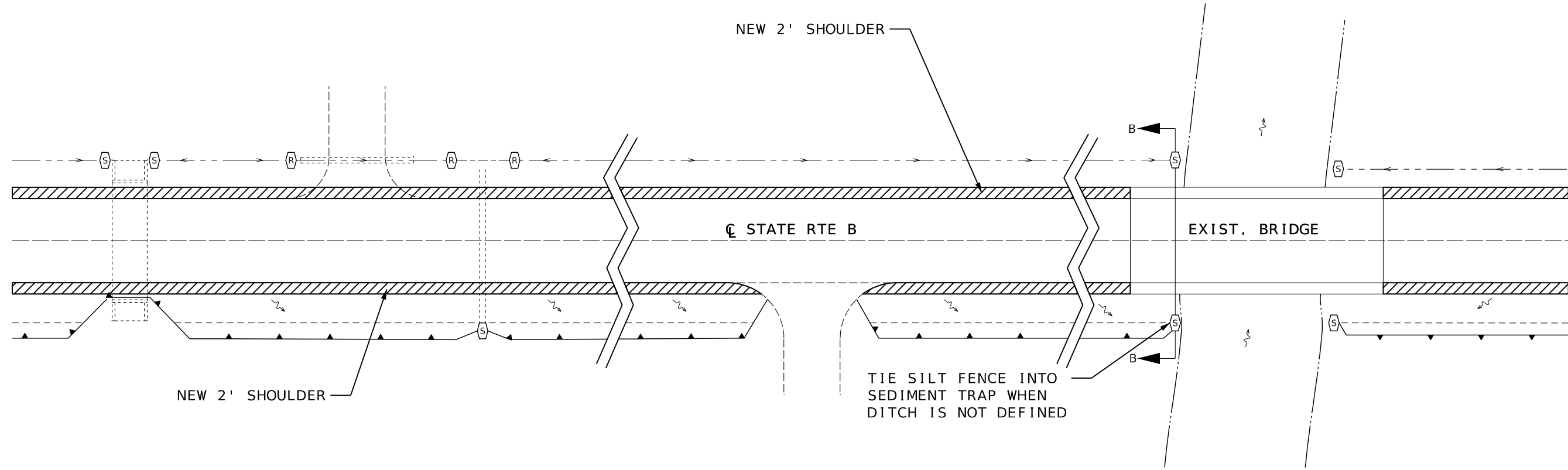
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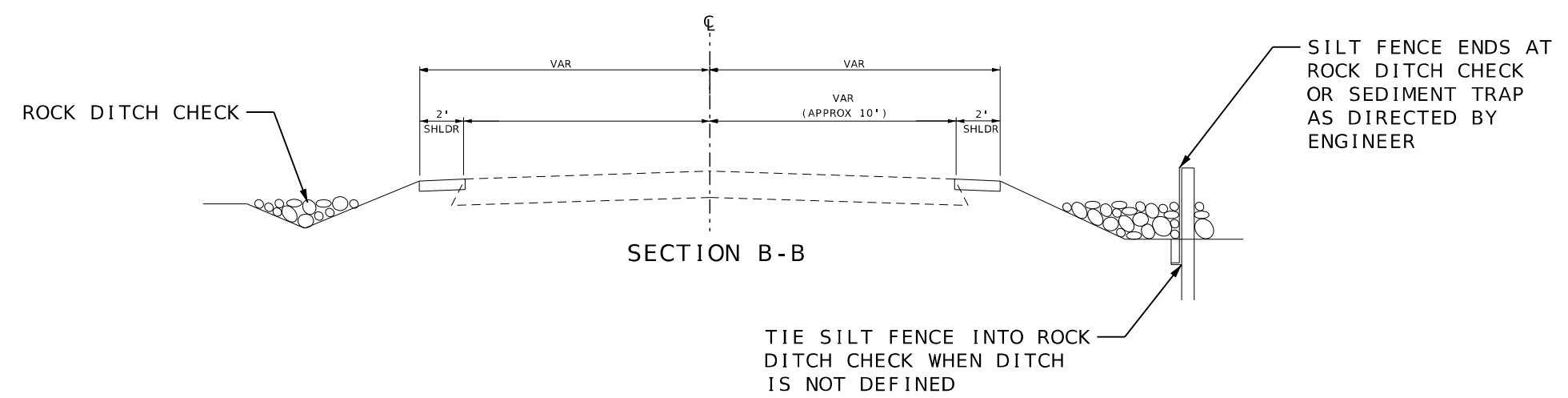


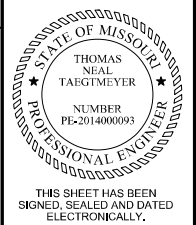
TYPICAL APPLICATION OF EROSION CONTROL ITEMS
NOT TO SCALE

TEMPORARY EROSION CONTROL LEGEND

- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ▲ SILT FENCE

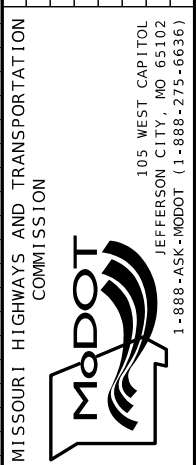
- NOTES:
- ROCK DITCH CHECKS SHALL BE LOCATED AT EACH BRIDGE CORNER.
 - ROCK DITCH CHECKS SHALL BE PLACED UPSTREAM OF ANY DRIVEWAY OR CROSSROAD CULVERT AND ANY ADDITIONAL LOCATIONS, AS DIRECTED BY THE ENGINEER.
 - USE SILT FENCE IN AREAS WITH NO DEFINED DITCH WHERE WATER EXITS R/W AND TIE INTO NEARBY ROCK DITCH CHECK.
 - SEE STD PLAN 806.10 FOR ADDITIONAL DETAILS.





DATE PREPARED: 11/27/2024
ROUTE: B, STATE: MO
DISTRICT: SE, SHEET NO.: 14
COUNTY: ST. FRANCOIS
JOB NO.: JSE0152
CONTRACT ID.:

Table with columns: DESCRIPTION, DATE



Main table with columns: SIGNS, CONCRETE FOOTINGS EMBEDDED, STRUCTURAL STEEL POSTS *, PIPE POSTS *, BACKING BARS **, U-CHANNEL POST, PERFORATED SQUARE STEEL TUBE (2 IN. POST, 2.5 IN. POST), BREAK-AWAY ASSEMBLY, REMARKS AND OTHER REQUIRED ITEMS.

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

NOTE: CONTRACTOR SHALL FIELD VERIFY REQUIRED POST LENGTH.

ROUND PIPE POST AND FOOTING DATA TABLE

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

