

DESIGN DESIGNATION

NORTH OF RTE D
AADT - 2023 = 6517
AADT - 2033 = 6968
D.H.V. = 9%
T = 10%
V = 35/45/55/60 MPH
D = 50%

SOUTH OF RTE D
AADT - 2023 = 6017
AADT - 2033 = 6574
D.H.V. = 9%
T = 8%
V = 55 MPH
D = 50%

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

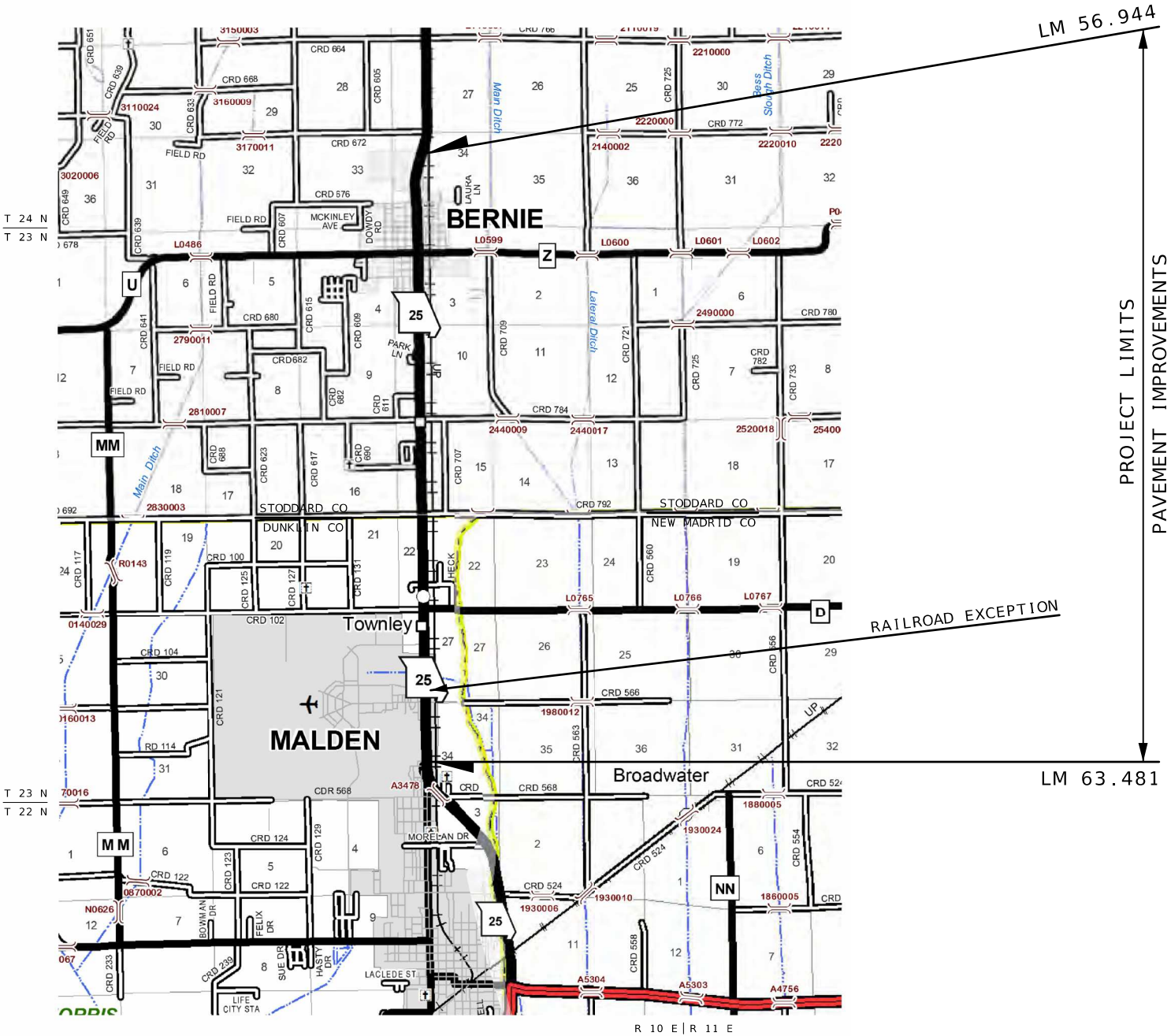
NO NEW RIGHT OF WAY

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
STODDARD COUNTY
DUNKLIN COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-7



DATE PREPARED
10/10/2023

ROUTE 25 STATE MO

DISTRICT SE SHEET NO. 1

COUNTY STODDARD/DUNKLIN

JOB NO. J9P3674

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

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DESCRIPTION

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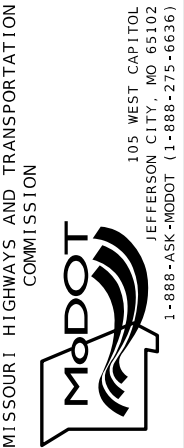
DESCRIPTION

DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 56.944
END OF PROJECT	LM 63.481
APPARENT LENGTH	6.537 MILES
EQUATIONS AND EXCEPTIONS:	
RAILROAD EXCEPTION	15 FEET
LM 62.733 TO LM 62.736	

TOTAL CORRECTIONS	15 FEET
NET LENGTH OF PROJECT	34500.36 FEET
STATE LENGTH	6.534 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES



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

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.

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MI	LOG MI	LOC	LENGTH (FT)	WIDTH (FT)	THICK (IN)	PERMANENT AGGR EDGE TREATMENT (TONS)	REMARKS
56.944	58.168	CL	6462.72	2	3	203.46	
58.742	62.733	CL	21072.48	2	3	663.39	
62.736	63.481	CL	3933.60	2	3	123.84	
					TOTAL	990.7	
DIMENSIONS MAY BE ADJUSTED AS APPROVED BY THE ENGINEER.							

GRAVEL A OR CRUSHED STONE B		
LOG MI	GRAVEL A CRUSHED STONE B (TON)	REMARKS
ADD QUANTITY	133.7	UNPAVED DRIVEWAYS
*ADD QUANTITY	25.0	
TOTAL	159	
* LOCATIONS TO BE DETERMINED BY THE ENGINEER.		
SEE SPECIAL SHEETS FOR ENTRANCE DETAILS.		

MOBILIZATION
LUMP SUM ONE

PAVEMENT MARKING								
	WATERBORNE PAINT TYPE P BEADS			PREFORMED THERMOPLASTIC				
	4" INT YELLOW (LF)	4" SOLID YELLOW (LF)	4" SOLID WHITE (LF)	LEFT ARROW (EA)	24" YELLOW HASH (LF)	24" WHITE STOP (LF)	RAILROAD CROSSING MARKER (EA)	
	SUBTOTAL	8206	8278	69167	2	48	48	2
	TOTAL	16484		69167	2	48	48	2
SEE JSP FOR CONTRACTOR'S RESPONSIBILITY TO CREATE A PAVMENT MARKING LOG PRIOR TO ANY CONSTRUCTION OPERATIONS THAT MAY AFFECT EXISTING PAVEMENT MARKING.								

BITUMINOUS PAVEMENT									
LOG MI	LOG MI	LOC	LENGTH (FT)	AVG WIDTH (FT)	THICK (IN)	BP-2 PG 64-22 2.040 TON/CY		TACK 0.08 GAL/SY (GAL)	REMARKS
						(CY)	(TON)		
56.944	56.972	CL	150	44.13	1.5	30.65	62.53	36.8	TOP LIFT - DEPTH TRANS
56.958	56.972	CL	75	44.38	VAR	7.70	15.71	29.6	BOTTOM LIFT - DEPTH TRANS
56.972	58.140	CL	6167.04	40.13	1.5	1145.76	2337.35	1374.9	TOP LIFT
56.972	58.140	CL	6167.04	40.38	1.5	1152.89	2351.90	2213.6	BOTTOM LIFT
58.140	58.168	CL	150	40.13	1.5	27.87	56.85	33.4	TOP LIFT - DEPTH TRANS
58.140	58.154	CL	75	40.38	VAR	7.01	14.30	26.9	BOTTOM LIFT - DEPTH TRANS
58.168	58.698	CL	2798.4	24	1.5	310.93	634.30	746.2	MILL/FILL
58.698	58.742	CL	232.32	28.13	1.5	30.26	61.73	72.6	MILL/FILL
58.742	58.756	CL	75	28.13	1.5	9.77	19.93	18.8	DEPTH TRANS
58.742	58.756	LT/RT	75	VAR	VAR	0.34	0.69	1.5	SHLDR WEDGING
58.756	62.279	CL	18601.44	28.13	1.5	2422.49	4941.88	4651.2	
58.756	62.279	LT/RT	18601.44	VAR	VAR	168.79	344.33	368.7	SHLDR WEDGING
62.279	62.323	CL	232.32	VAR	1.5	34.42	70.22	66.1	
62.323	62.382	CL	311.52	36.13	1.5	52.11	106.30	100.0	
62.382	62.430	CL	253.44	VAR	1.5	37.55	76.60	72.1	
62.430	62.719	CL	1525.92	28.13	1.5	198.72	405.39	381.5	
62.430	62.719	LT/RT	1525.92	VAR	VAR	6.92	14.12	30.2	SHLDR WEDGING
62.719	62.733	CL	75	28.13	1.5	9.77	19.93	18.8	DEPTH TRANS
62.719	62.733	LT/RT	75	VAR	VAR	0.34	0.69	1.5	SHLDR WEDGING
62.736	62.750	CL	75	28.13	1.5	9.77	19.93	18.8	DEPTH TRANS
62.736	62.750	LT/RT	75	VAR	VAR	0.34	0.69	1.5	SHLDR WEDGING
62.750	63.467	CL	3785.76	28.13	1.5	493.03	1005.78	946.6	
62.750	63.467	LT/RT	3785.76	VAR	VAR	17.18	35.05	75.0	SHLDR WEDGING
63.467	63.481	CL	75	28.13	1.5	9.77	19.93	18.8	DEPTH TRANS
63.467	63.481	LT/RT	75	VAR	VAR	0.34	0.69	1.5	SHLDR WEDGING
ADD QUANTITY							174.57		SAFETY EDGE
ADD QUANTITY							541.55		IRREGULARITIES
ADD QUANTITY						14.94	30.48	28.7	STATE ROUTE
ADD QUANTITY						97.8	199.51	136.5	CO RD/CITY ST - PAVED
ADD QUANTITY						47.61	97.12	45.7	CO RD/CITY ST - UNPAVED
ADD QUANTITY						42.12	85.92	80.9	DW - PAVED
						TOTAL	13746.0	11599	
SEE SPECIAL SHEETS FOR DETAILS.									
ASSUME TACK EST @ 0.10 GAL/SY FOR COLDMILLED SURFACES.									
ASSUME TACK EST @ 0.05 GAL/SY FOR ADDITIONAL PAVT LIFTS.									

PAVEMENT REPAIR											
LOG MI	LOG MI	LENGTH (FT)	LOC	PAVEMENT REPAIR SIZES		FURNISHING & PLACING MATERIAL FOR PAVT REPAIR FULL DEPTH (SY)	SUBGRADE COMPACTION 6" DEPTH PAVT REPAIR (SY)	TYPE 1 OR 5 AGGR BASE 4" THICK PAVT REPAIR (SY)	FULL DEPTH SAW CUT PAVT REPAIR (LF)	DOWEL BAR DRILLED (EA)	REMARKS
				6'X12' (FT)	12'X12' (FT)						
56.944	57.159	1135	SBL	10	3	128.00	12.8	12.8	504	130	
56.970	57.159	1135	NBL	8	2	96.00	9.6	9.6	384	100	
57.159	57.348	1000	SBL	6		48.00	4.8	4.8	216	60	
57.159	57.348	1000	NBL	6		48.00	4.8	4.8	216	60	
57.348	57.537	1000	SBL	4	1	48.00	4.8	4.8	192	50	
57.348	57.537	1000	NBL	6		48.00	4.8	4.8	216	60	
57.537	57.727	1000	SBL	4	2	64.00	6.4	6.4	240	60	
57.537	57.727	1000	NBL	6	2	80.00	8.0	8.0	312	80	
57.727	57.916	1000	SBL	4	1	48.00	4.8	4.8	192	50	
57.727	57.916	1000	NBL	2	1	32.00	3.2	3.2	120	30	
57.916	58.106	1000	SBL	5		40.00	4.0	4.0	180	50	
57.916	58.106	1000	NBL	3		24.00	2.4	2.4	108	30	
58.106	58.168	325	SBL	3		24.00	2.4	2.4	108	30	
58.106	58.168	325	NBL	3	1	40.00	4.0	4.0	156	40	
					TOTAL	768.0	77	77	3144	830	
SUBGRADE COMPACTION FOR PAVT REPAIR AND 4" TYPE 1 OR 5 AGGR BASE FOR PAVT REPAIR QUANTITIES ARE CALCULATED AT 10% OF THE TOTAL AREA OF FULL DEPTH PAVT REPAIR.											
ALL LOCATIONS AND PAVT REPAIR SIZES ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.											
LOG MILES ARE APPROXIMATE - EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.											

DATE PREPARED	
10/10/2023	
ROUTE	STATE
25	MO
DISTRICT	SHEET NO.
SE	3
COUNTY	
STODDARD/DUNKLIN	
JOB NO.	
J9P3674	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

SUMMARY OF QUANTITIES
SHEET 1 OF 3

COLDMILLING								
LOG MI	LOG MI	LOC	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	MODIFIED COLDMILLING (SY)	COLDMILLING 3" OR LESS (SY)	REMARKS
56.944	56.958	CL	75	44	VAR	366.7		DEPTH TRANS
58.154	58.168	CL	75	40	VAR	333.3		
58.168	58.698	CL	2798.40	24	1.5		7462.4	MILL/FILL
58.698	58.742	CL	232.32	28	1.5		722.8	MILL/FILL
58.742	58.756	CL	75	28	VAR	233.3		DEPTH TRANS
62.719	62.733	CL	75	28	VAR	233.3		DEPTH TRANS
62.736	62.750	CL	75	28	VAR	233.3		DEPTH TRANS
63.467	63.481	CL	75	28	VAR	233.3		DEPTH TRANS
ADD QUANTITY						84.5		STATE ROUTE
ADD QUANTITY						1706.7		CO RD/CITY ST - PAVED
ADD QUANTITY						1011.1		DW - PAVED
					TOTAL	4436	8186	
SEE SPECIAL SHEETS FOR DETAILS.								

BITUMINOUS RUMBLE STRIPS					
LOG MI	LOG MI	LENGTH (FT)	CENTERLINE RUMBLE STRIP (STA)	SHOULDER RUMBLE STRIP (STA)	REMARKS
58.950	61.945	15813.60	158.14	316.27	
		TOTAL	158.2	316.3	
OMIT SHOULDER RUMBLE STRIPS THROUGH SIDE ROAD APPROACHES, ENTRANCES, AND ON BRIDGES, OR WHERE THE SPEED LIMIT <50 MPH.					
OMIT CENTERLINE RUMBLE STRIPS ON BRIDGES AND THROUGH LIMITS OF AN INTERSECTION WITH LEFT TURN LANES, OR WHERE THE SPEED LIMIT <50 MPH.					

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

DATE PREPARED

10/10/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

3

COUNTY

STODDARD/DUNKLIN

JOB NO.

J9P3674

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

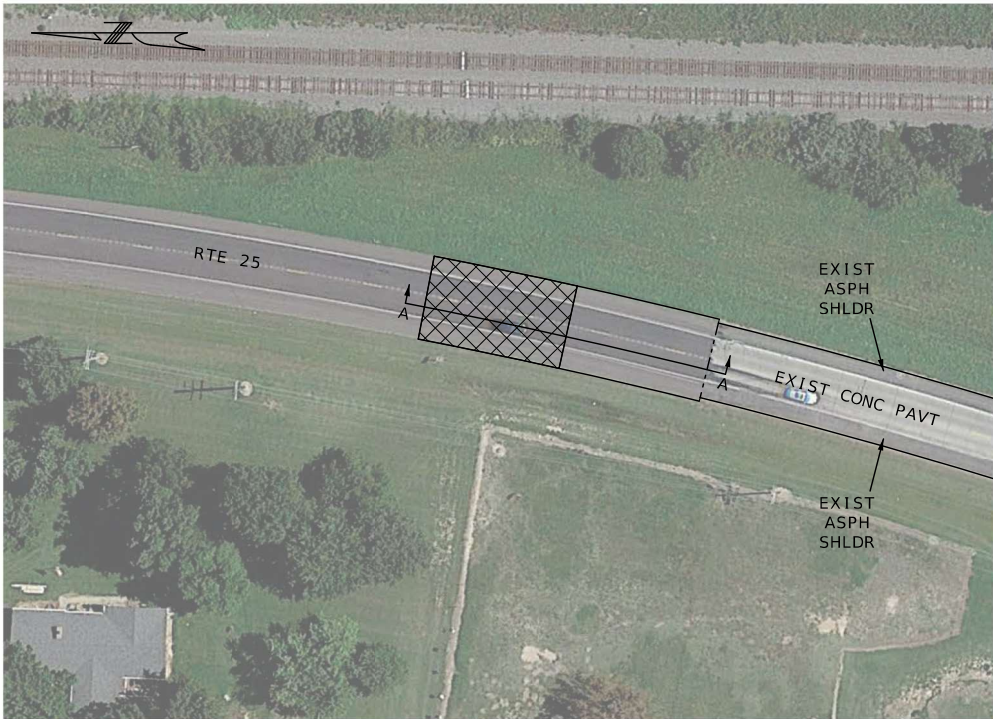
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

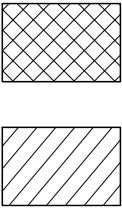
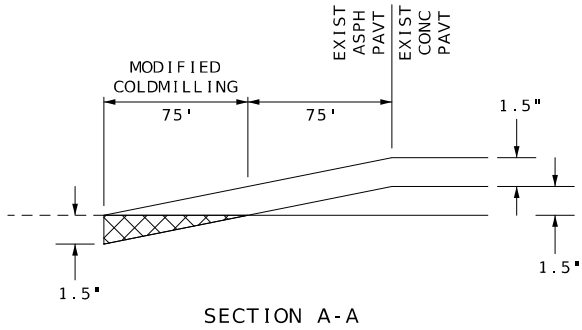
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES

SHEET 2 OF 3

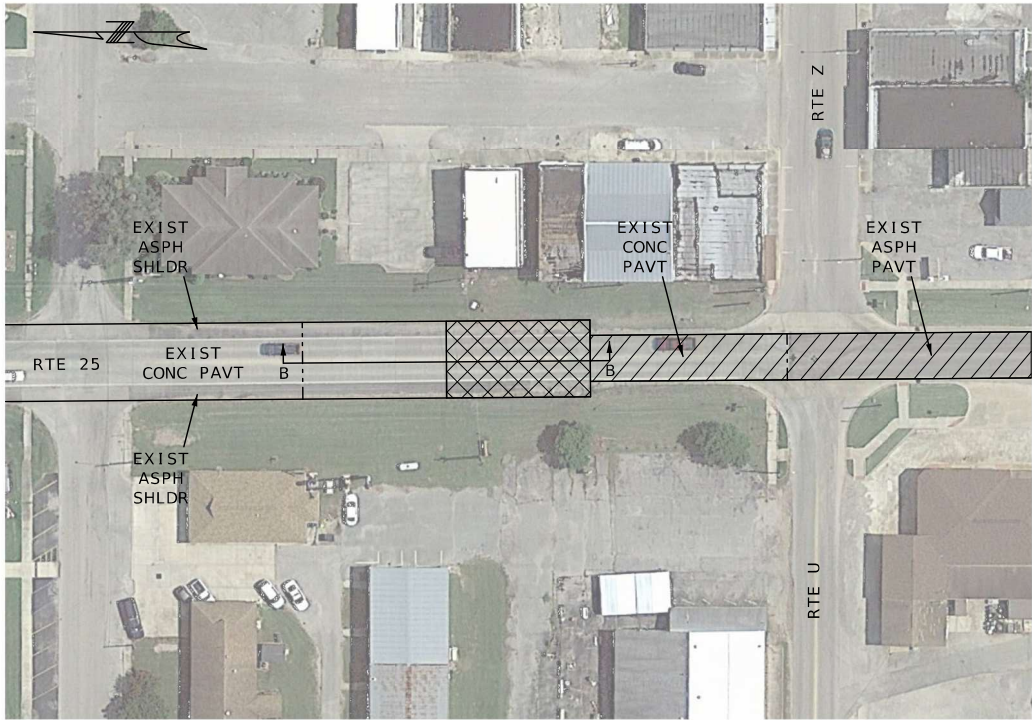


BEGIN PROJECT
LOG MI 56.944

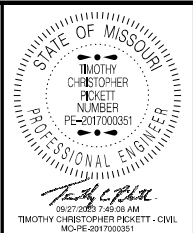
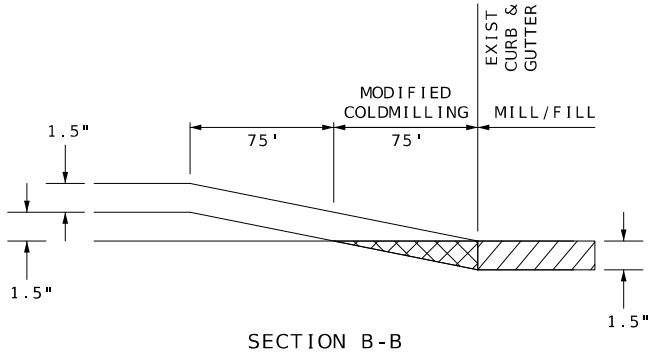


MODIFIED COLDMILLING
(DEPTH TRANSITION)

MILL/FILL



BEGIN MILL/FILL
LOG MI 58.168



DATE PREPARED 7/7/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 4
COUNTY STODDARD/DUNKLIN	
JOB NO. J9P3674	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

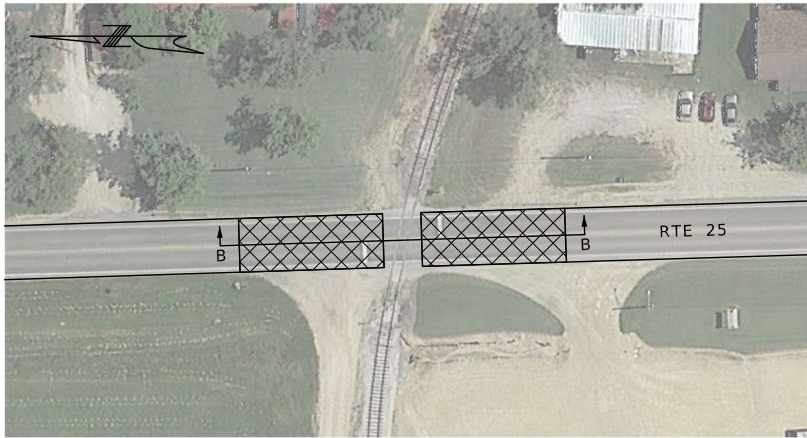
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



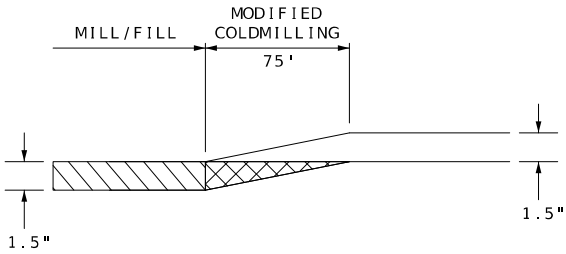
END MILL/FILL
LOG MI 58.742



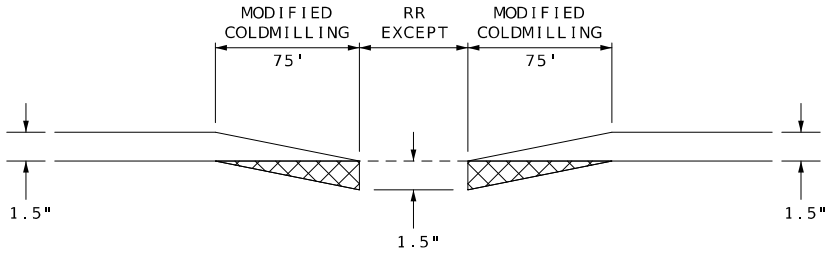
RAILROAD EXCEPTION
LOG MI 62.733 TO LOG MI 62.736



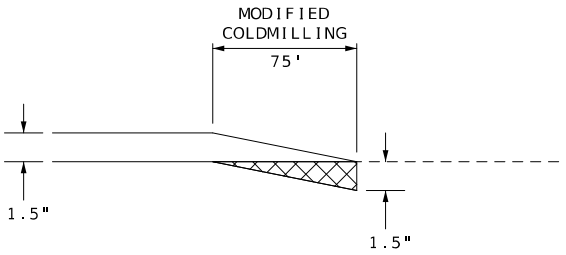
END PROJECT
LOG MI 63.481



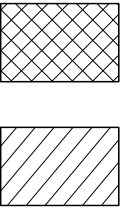
SECTION A-A



SECTION B-B



SECTION C-C



MODIFIED COLDMILLING
(DEPTH TRANSITION)

MILL/FILL

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

DATE PREPARED

7/7/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

5

COUNTY

STODDARD / DUNKLIN

JOB NO.

J9P3674

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

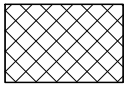


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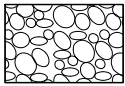
PAVEMENT DETAILS

SHEET 2 OF 4

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



MODIFIED COLDMILLING
(DEPTH TRANSITION)



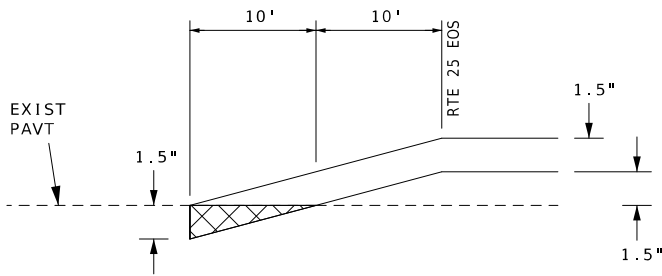
GRAVEL A OR
CRUSHED STONE B

NOTE:

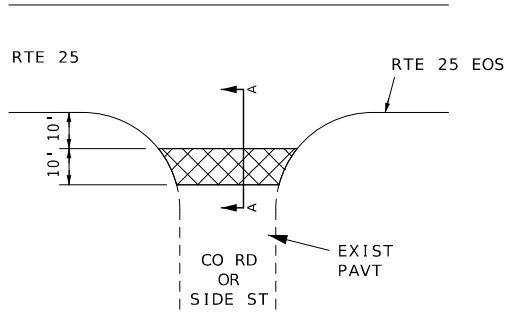
LOG MILE LOCATIONS ARE APPROXIMATE.
ADJUST AS DIRECTED BY THE ENGINEER
TO FIT FIELD CONDITIONS.

ALL GRADING NECESSARY FOR THE PROPER
CONSTRUCTION OF ASPH AND AGGREGATE
APRONS SHALL BE CONSIDERED INCIDENTAL
WORK AND AT NO DIRECT PAY.

THE WIDTH OF ALL ASPH AND AGGREGATE
APRONS MAY BE ADJUSTED BY THE ENGINEER
AS NECESSARY TO OBTAIN SUITABLE
TRANSITIONS.

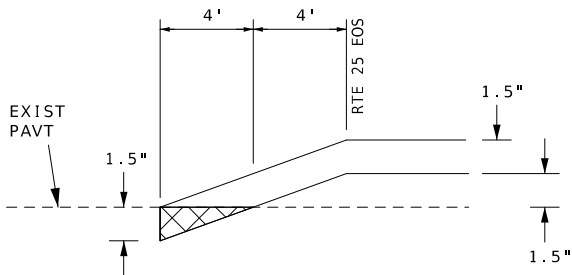


SECTION A-A

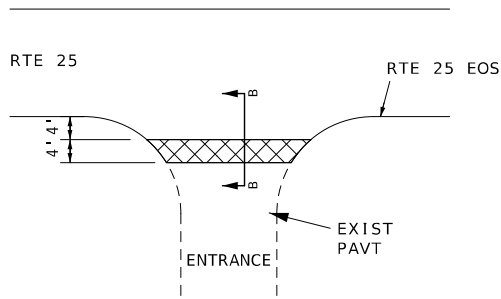


PLAN VIEW

COUNTY ROADS AND
SIDE STREETS
(PAVED)

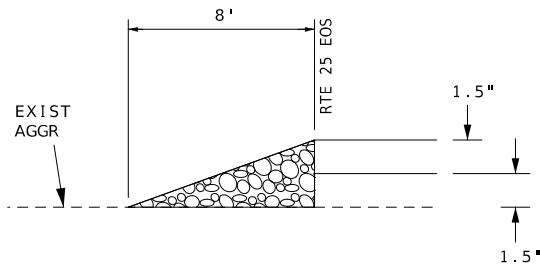


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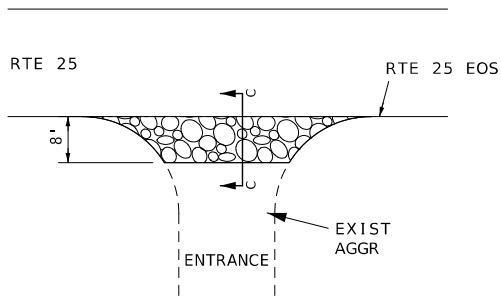


PLAN VIEW

PRIVATE AND
COMMERCIAL ENTRANCES
(PAVED)

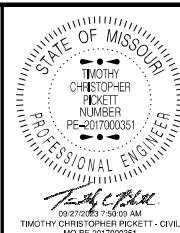


SECTION C-C



PLAN VIEW

PRIVATE AND
COMMERCIAL ENTRANCES
(UNPAVED)

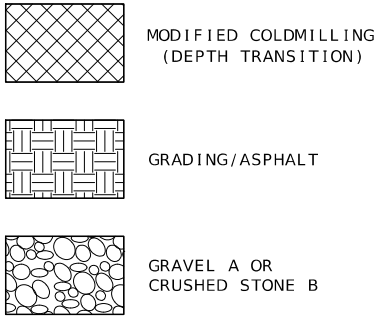


DATE PREPARED 7/7/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 6
COUNTY STODDARD/DUNKLIN	
JOB NO. J9P3674	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

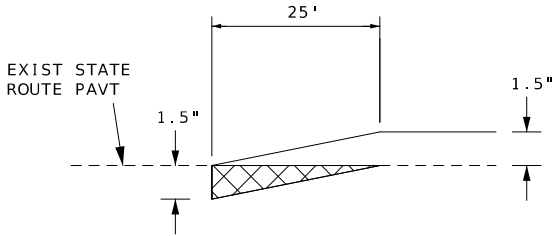


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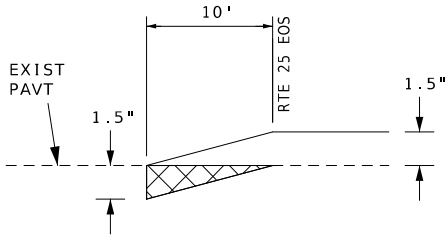
LOG MILE LOCATIONS ARE APPROXIMATE. ADJUST AS DIRECTED BY THE ENGINEER TO FIT FIELD CONDITIONS.

ALL GRADING NECESSARY FOR THE PROPER CONSTRUCTION OF ASPH AND AGGREGATE APRONS SHALL BE CONSIDERED INCIDENTAL WORK AND AT NO DIRECT PAY.

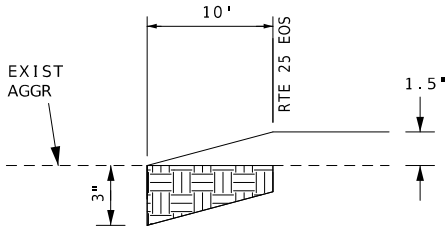
THE WIDTH OF ALL ASPH AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.



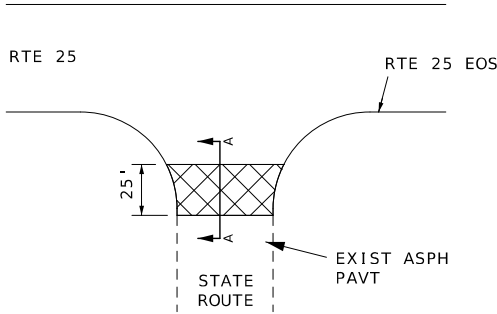
SECTION A-A



SECTION B-B

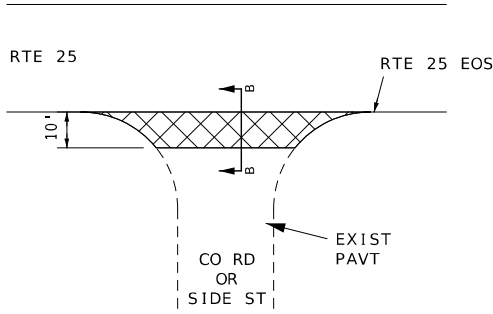


SECTION C-C



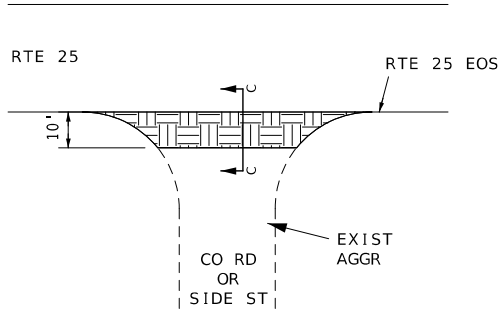
PLAN VIEW

STATE ROUTES



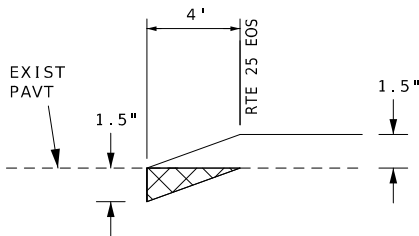
PLAN VIEW

COUNTY ROADS AND
SIDE STREETS
(PAVED)



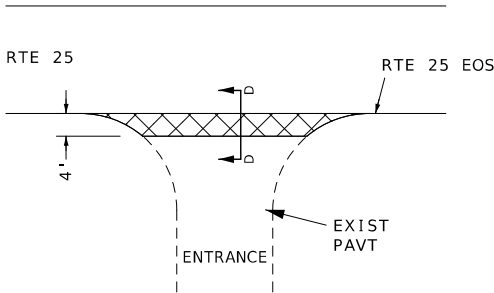
PLAN VIEW

COUNTY ROADS AND
SIDE STREETS
(UNPAVED)

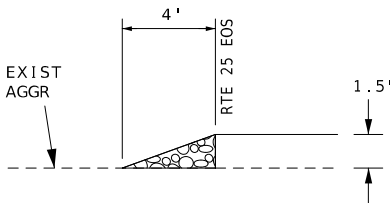


SECTION D-D

PRIVATE AND
COMMERCIAL ENTRANCES
(PAVED)

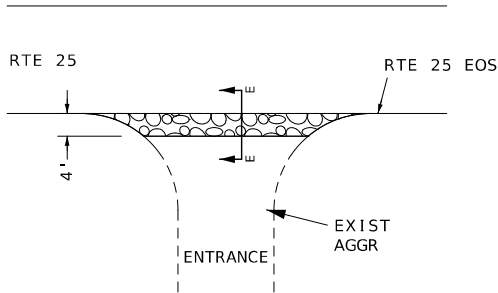


PLAN VIEW

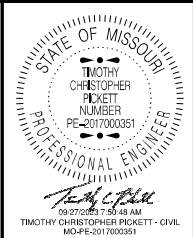


SECTION E-E

PRIVATE AND
COMMERCIAL ENTRANCES
(UNPAVED)



PLAN VIEW



DATE PREPARED 7/7/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 7
COUNTY STODDARD/DUNKLIN	
JOB NO. J9P3674	
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)