

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
0.000	0.430	2270.40	1.00	21	5297.60	286.66		529.8	
0.430	13.349	68212.32	1.00	21	159162	8612.4	12733.0		
13.349	13.405	-	-	-	-	-	-		EXCEPTION BR. NO. B0195
13.405	18.837	28680.96	1.00	21	66922	3621.2	5353.8		
18.837	28.776	52477.92	1.00	21	122448	6625.8	9795.8		
28.776	28.869	-	-	-	-	-	-		EXCEPTION BR. NO. A7641
28.869	30.511	8669.76	1.00	21	20229	1094.6	1618.3		
30.511	30.945	2291.52	1.00	21	5347	289.3	427.8		
30.945	30.951	31.68	1.00	22.5	79	4.3		7.9	
30.951	31.281	1742.40	1.00	34	6582	356.2		658.2	
0.430	18.837	97188.96	-	-	-	84.2	124.5	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
30.511	30.766	1346.40	-	-	-	1.2	1.7	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.430	18.837	97188.96	-	-	-	2761.1	-	-	ADDL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
30.511	30.766	1346.40	-	-	-	38.3	-	-	ADDL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
SUBTOTAL						23,775.3	30,054.9	1,195.9	
SUBTOTAL						199.8		380	PAVED ENTRANCES
TOTAL						23,975.1	31,631		

SHOULDER WIDENING														
LOG MILE	LOG MILE	LOC.	LENGTH FT	SHOULDER WIDENING WIDTH FT	SHOULDER WIDENING SY	SHOULDER SURFACE LIFT WIDTH FT	SHOULDER SUFACE LIFT SY	SHOULDER WIDENING THICKNESS IN	SHOULDER SURFACE LIFT THICKNESS IN	BP-1 (PG64-22) SHOULDER WIDENING @ 1.948 TONS/CY TONS	BP-1 (PG58-28H) SURFACE LEVELING @ 1.948 TONS/CY TONS	TACK COAT SURFACE LIFT 0.08 GAL/SY GAL.	TACK COAT SHLDR WIDENING 0.10 GAL/SY GAL.	REMARKS
18.837	28.776	LT.	52477.9	2.14	12478.08	2	11661.76	5	1	3376.01	631.03	932.9	1247.8	LT. SHOULDER
18.837	28.776	RT.	52477.9	2.14	12478.08	2	11661.76	5	1	3376.01	631.03	932.9	1247.8	RT. SHOULDER
28.776	28.869	-	-	-	-	-	-	-	-	-	-	-	-	BRIDGE EXCEPTION BR. NO. A7641
28.869	30.511	LT.	8669.8	2.14	2061.49	2	1926.62	5	1	557.75	104.25	154.1	206.1	LT. SHOULDER
28.869	30.511	RT.	8669.8	2.14	2061.49	2	1926.62	5	1	557.75	104.25	154.1	206.1	RT. SHOULDER
18.837	28.776	LT/RT	52477.9	-	-	-	-	-	-	-	45.49	-	168.12	SAFETY EDGE 1" SURFACE LIFT
28.869	30.511	LT/RT	8669.8	-	-	-	-	-	-	-	7.51	-	139.04	SAFETY EDGE 1" SURFACE LIFT
18.837	28.776	LT/RT	52477.9	-	-	-	-	-	-	1138.48	-	-	168.12	SAFETY EDGE 5" SHLDR. WIDENING
28.869	30.511	LT/RT	8669.8	-	-	-	-	-	-	188.09	-	-	27.78	SAFETY EDGE 5" SHLDR. WIDENING
EXCEPTIONS		RT.	100	2.14	23.78	2.00	22.22	5	1	6.43	1.20	1.78	2.38	CONCRETE ENTRANCES
SUBTOTAL														
TOTAL										9187.7	1522.4	2172.2	3408.5	

SHOULDER GRADING							REMARKS
LOG MILE	LOG MILE	LOC.	LENGTH FT	WIDTH FT	DEPTH IN.	SHOULDER GRADING STA	
18.837	28.776	LT.	52477.92	2	5	524.8	LT. SHOULDER
18.837	28.776	RT.	52477.92	2	5	524.8	RT. SHOULDER
28.776	28.869	-	-	-	-	-	EXCEPTION BR. NO. A7641
28.869	30.511	LT.	8669.76	2	5	86.7	LT. SHOULDER
28.869	30.511	RT.	8669.76	2	5	86.7	RT. SHOULDER
			TOTAL			1223	

BITUMINOUS SHOULDER RUMBLE STRIP				
LOG MILE	LOG MILE	LOC.	LENGTH STA.	REMARKS
18.837	28.776	LT.	524.78	LT. SHOULDER
18.837	28.776	RT.	524.78	RT. SHOULDER
28.776	28.869	-	-	EXCEPTION BR. NO. A7641
28.869	30.511	LT.	86.70	LT. SHOULDER
28.869	30.511	RT.	86.70	RT. SHOULDER
		EXCEPTIONS	175.20	
		TOTAL	1047.8	

EXCEPTIONS INCLUDE: STATE ROUTES, COUNTY ROADS, RAMPS, BRIDGES, AND ENTRANCES
SEE STANDARD PLANS 626.00H FOR RUMBLE STRIP STANDARD

MOBILIZATION
1 LUMP SUM

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 64-22 = 1.948 TON/CY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY
TACK COAT (COLDMILLED SURFACE) = 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT = 0.039 TON/SY/IN OF LOOSE AGG.
TYPE 1 AGGR. = 0.058 TON/SY/IN

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MILE	LOG MILE	LENGTH (FT)	AGGREGATE EDGE WIDTH (FT)	AREA (SY)	THICKNESS 3" WEDGE (IN)	TYPE 1 AGGR. 0.058 TONS/SY/IN (TONS)	REMARKS
0.430	13.349	68212.3	1.5	11368.7	3.0	1978.2	
13.405	28.776	81158.9	1.5	13526.5	3.0	2353.6	
28.869	30.766	10016.16	1.5	1669.36	3.0	290.47	
					TOTAL	4622.3	



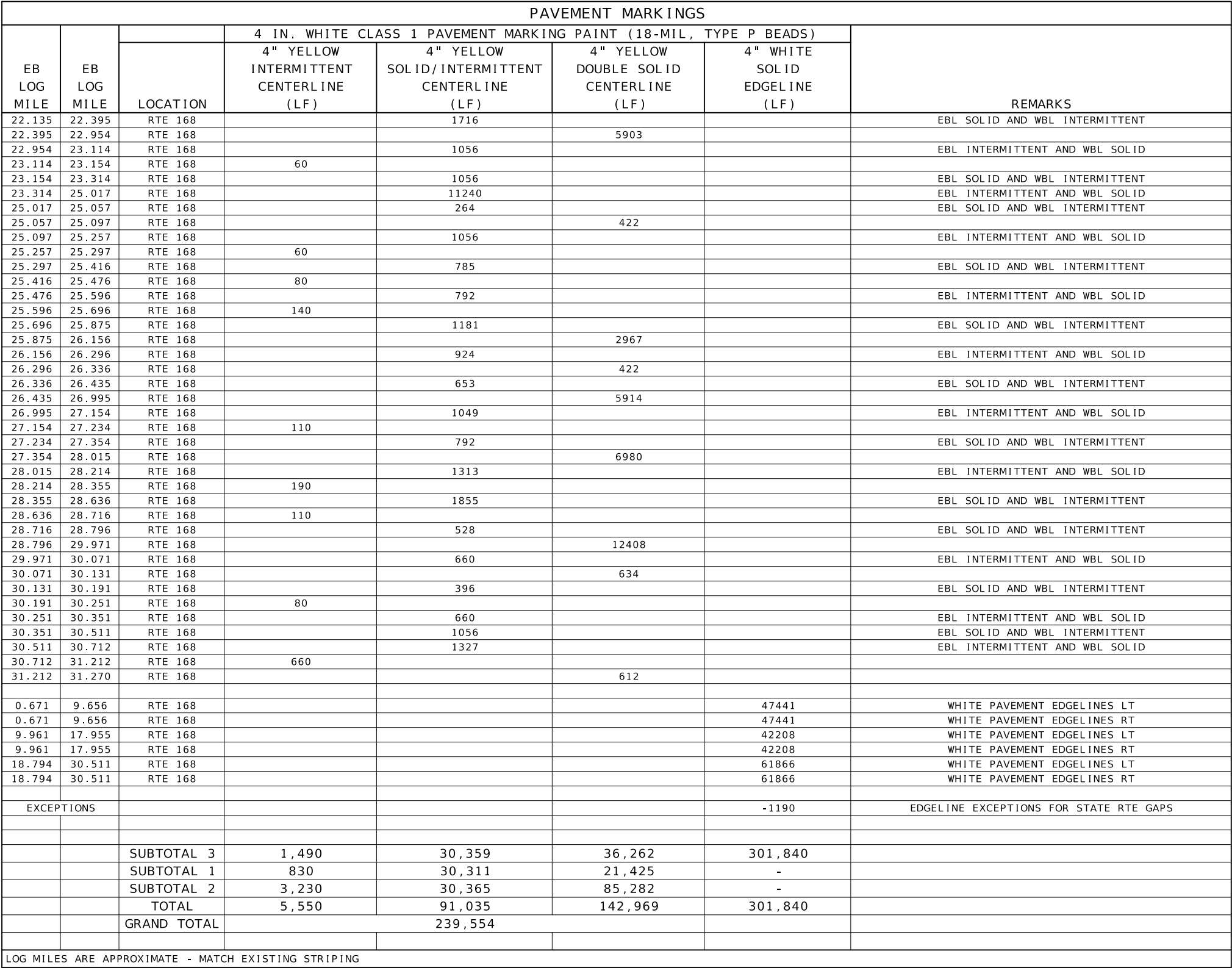
DATE PREPARED 7/27/2026	
ROUTE 168	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY SHELBY/MARION	
JOB NO. JNE0063	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE						

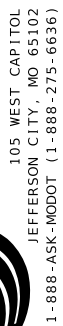
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

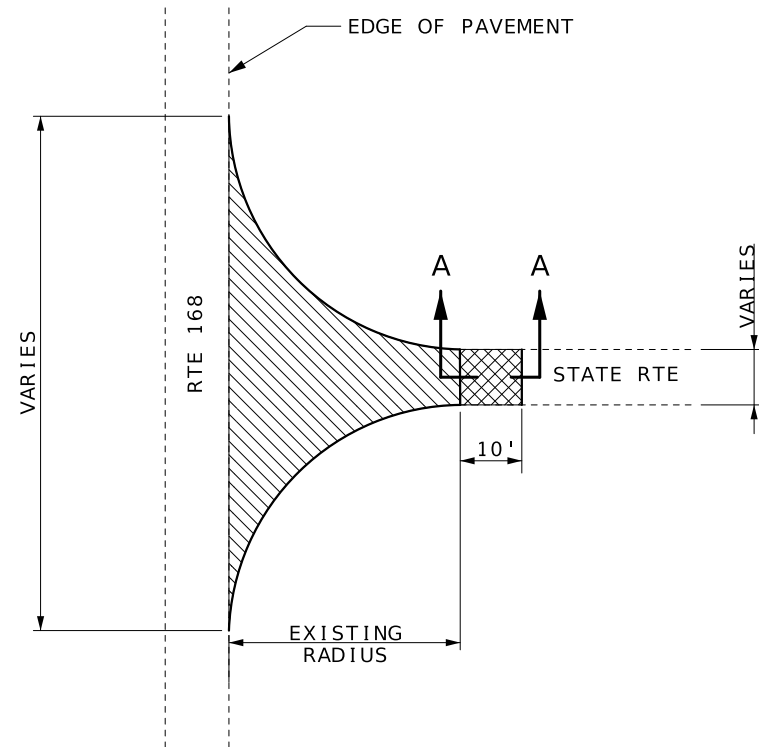


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



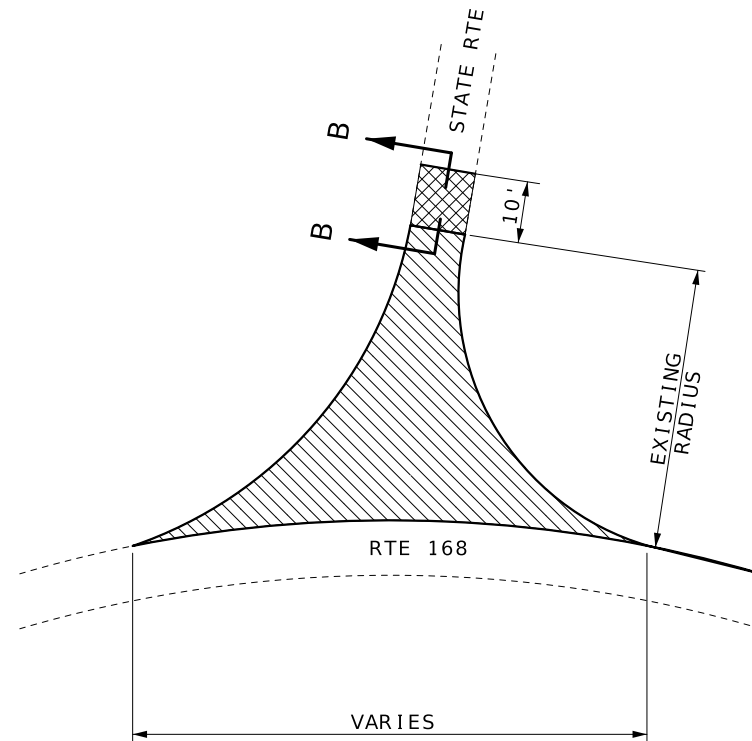
QUANTITY SHEET
5 OF 6





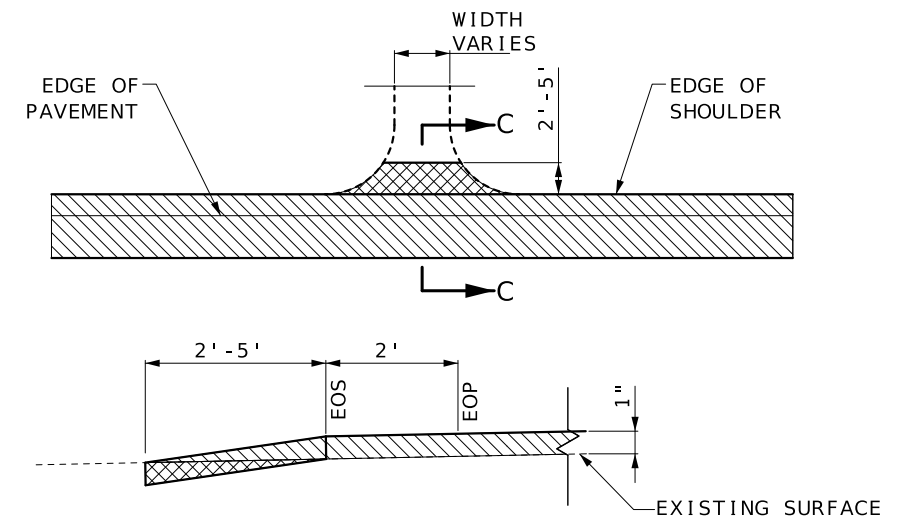
SECTION A-A
TYPICAL STATE ROUTE JUNCTION

LM 6.555 - RTE W APPROX. 315 SQ YDS
 LM 6.555 - RTE T APPROX. 415 SQ YDS
 LM 9.771 - RTE JJ APPROX. 45 SQ YDS
 LM 9.771 - RTE Z APPROX. 120 SQ YDS
 LM 18.41 - RTE D APPROX. 280 SQ YDS
 LM 23.395 - RTE OO APPROX. 320 SQ YDS
 LM 25.297 - RTE A APPROX. 250 SQ YDS

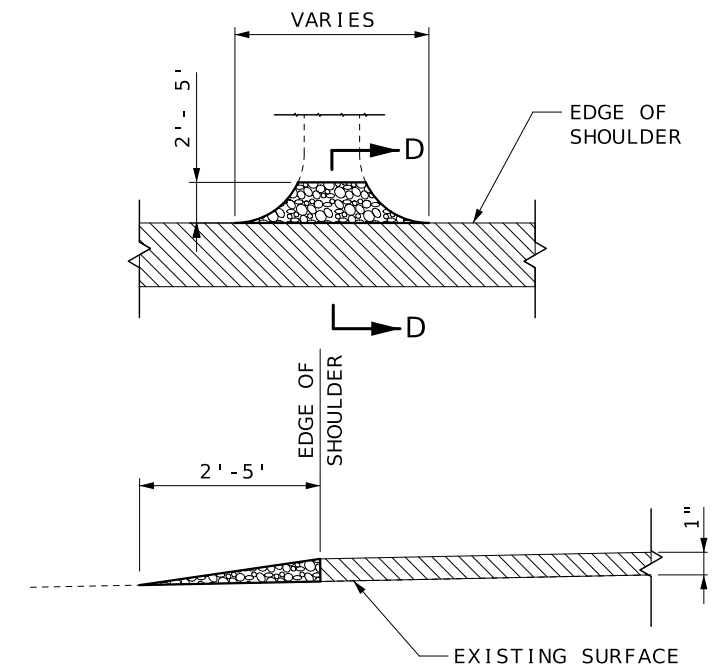


SECTION B-B
TYPICAL STATE ROUTE JUNCTION

LM 20.829 - RTE Z APPROX. 300 SQ YDS
 LM 30.144 - RTE C APPROX. 615 SQ YDS



SECTION C-C
TYPICAL CONCRETE/ASPHALT ENTRANCE
(PRIVATE & COMMERCIAL ENTRANCES, CITY STREET
OR COUNTY ROAD)

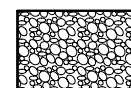


SECTION D-D
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROAD AND CITY STREET)
TAPER AT 1:1 FOR FIELD ENTRANCES

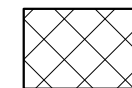
LEGEND



1" BP PG58-28H (SURFACE LEVELING)



GRAVEL A OR CRUSHED STONE B



MODIFIED COLDMILLING

NOTE:
NOT TO SCALE



DATE PREPARED
7/27/2026

ROUTE 168 STATE MO

DISTRICT NE SHEET NO. 4

COUNTY SHELBY/MARION

JOB NO. JNE0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

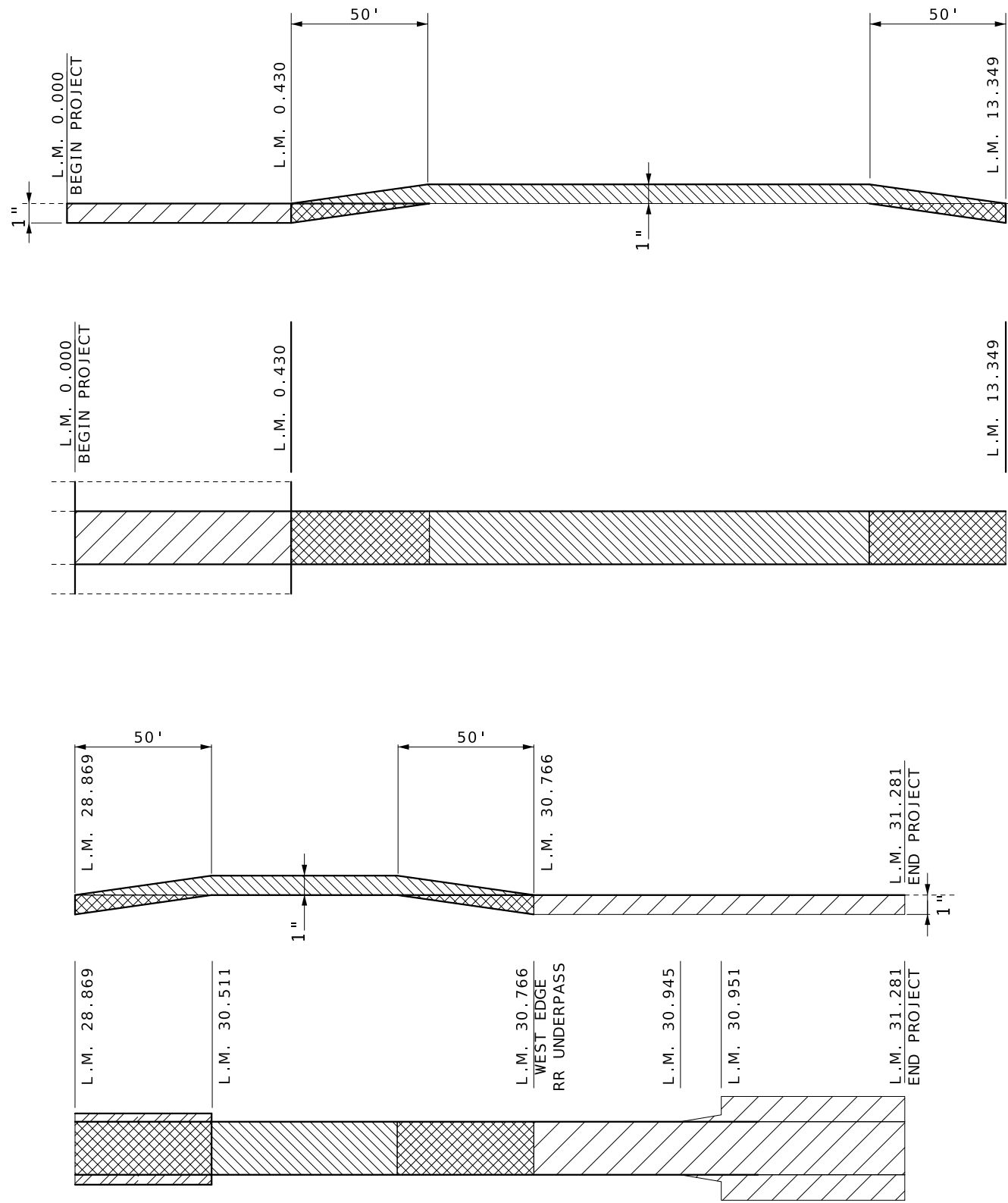
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MODOT

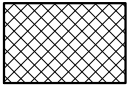
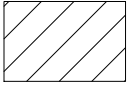
SPECIAL SHEET

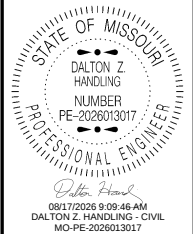
SHEET 1 OF 2

NOTE:
NOT TO SCALE



LEGEND

-  MODIFIED COLDMILLING
-  1" MILL & FILL
-  1" BP PG58-28H (SURFACE LEVELING)
-  5" SHOULDER WIDENING



DATE PREPARED
7/27/2026

ROUTE 168 STATE MO

DISTRICT NE SHEET NO. 5

COUNTY SHELBY/MARION

JOB NO. JNE0063

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

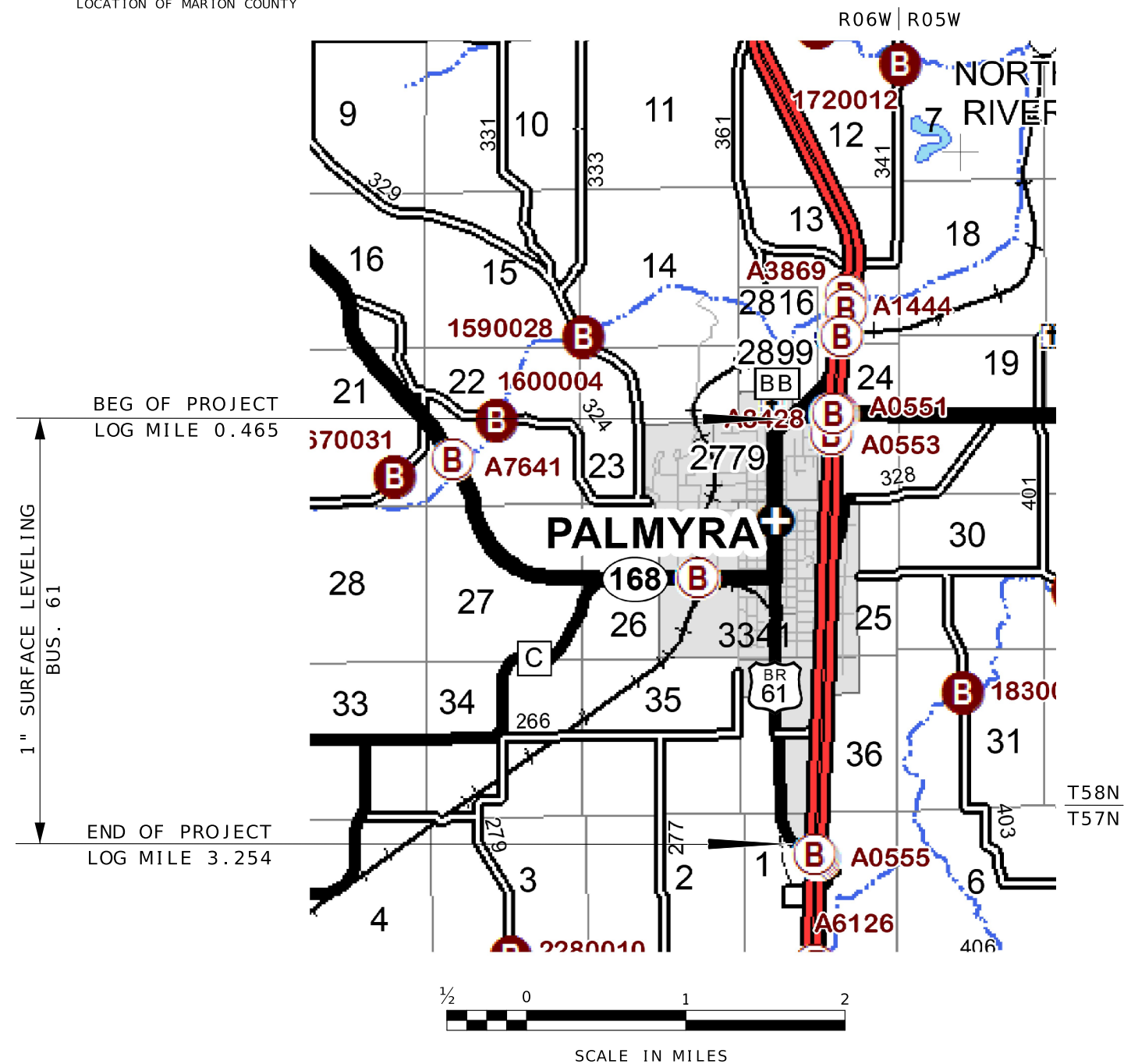
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JEFFERSON CITY, MO 65102
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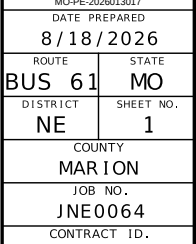
SPECIAL SHEET
SHEET 2 OF 2

V = 25 to 55 M.P.H.

T58N-T27N, R06W-R05W



TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2-3
QUANTITIES (QU) (2 SHEETS)-----	4-5
SPECIAL SHEET (SS) (2 SHEETS)-----	6-7

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COMMISSION

 105 WEST CAPITOL
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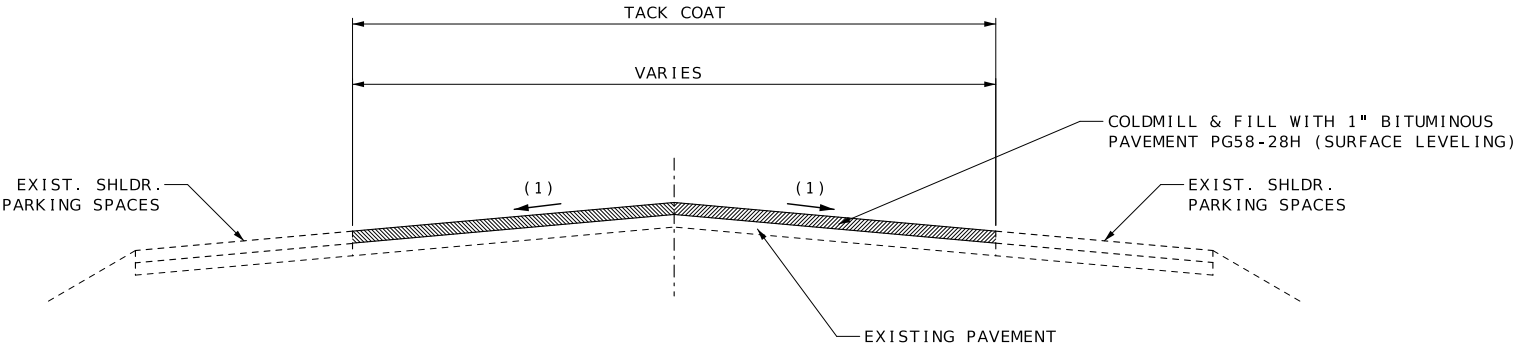
BEGINNING OF PROJECT	LOG MILE	0.465
END OF PROJECT	LOG MILE	3.254
APPARENT LENGTH	2.789	MILES
EQUATIONS AND EXCEPTIONS:		
NONE		

TOTAL CORRECTIONS	0.000	MILES
NET LENGTH OF PROJECT	2.789	MILES
STATE LENGTH	2.789	MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES

NOT TO SCALE

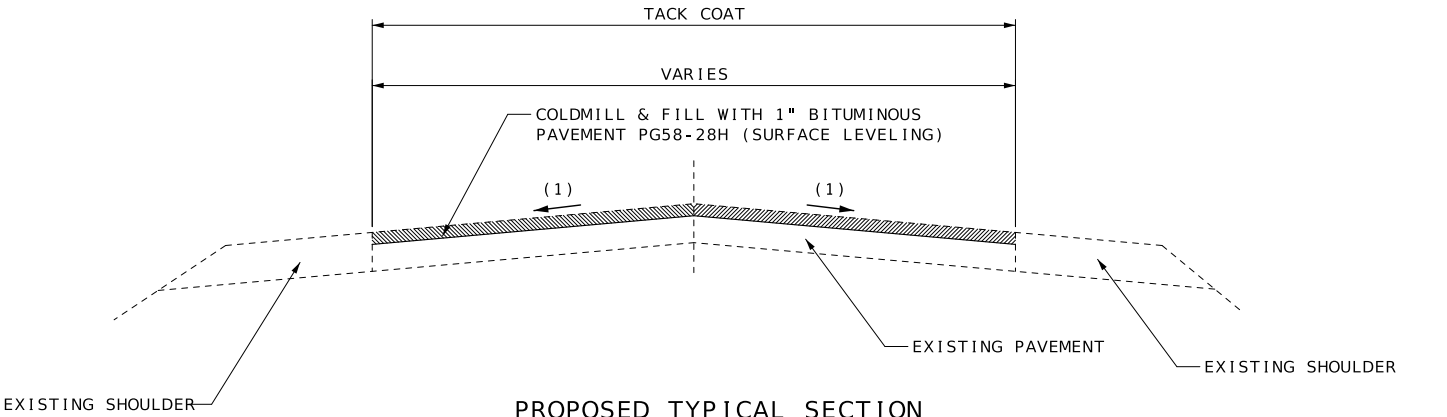
BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)	1.948 TON/YD ³
TACK COAT	.10 GAL/YD ²



PROPOSED TYPICAL SECTION

LOG MILE 0.465 TO LOG MILE 0.471 (22.5' WIDE)
LOG MILE 0.471 TO LOG MILE 0.594 (AVG. 31' WIDE)
LOG MILE 0.594 TO LOG MILE 0.650 (27' WIDE)
LOG MILE 0.650 TO LOG MILE 1.132 (24' WIDE)
LOG MILE 1.132 TO LOG MILE 1.311 (26' WIDE)
LOG MILE 1.311 TO LOG MILE 1.495 (24' WIDE)
LOG MILE 1.495 TO LOG MILE 1.715 (26' WIDE)

(1) MATCH EXISTING SLOPE



PROPOSED TYPICAL SECTION

LOG MILE 1.715 TO LOG MILE 3.254 (24' WIDE)

(1) MATCH EXISTING SLOPE

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

TYPICAL SECTION
SHEET 1 OF 2
NOT TO SCALE



ROUTE	STATE
BUS 61	MO
DISTRICT	SHEET NO.
NE	2
COUNTY	
MARION	
JOB NO.	
JNE0064	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

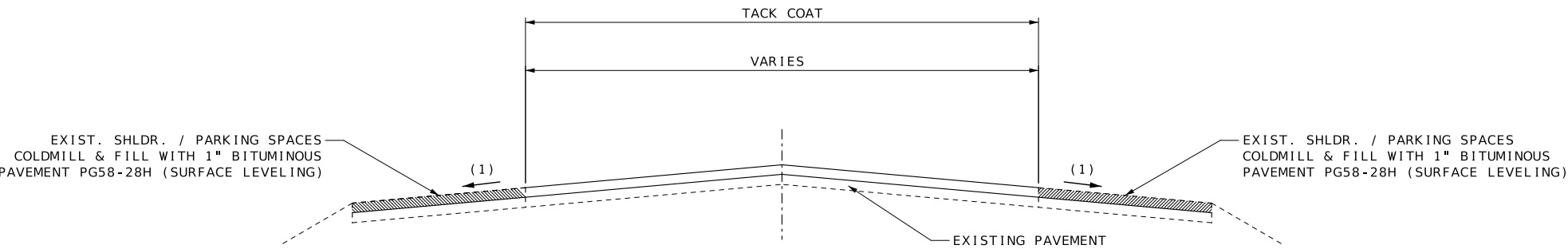
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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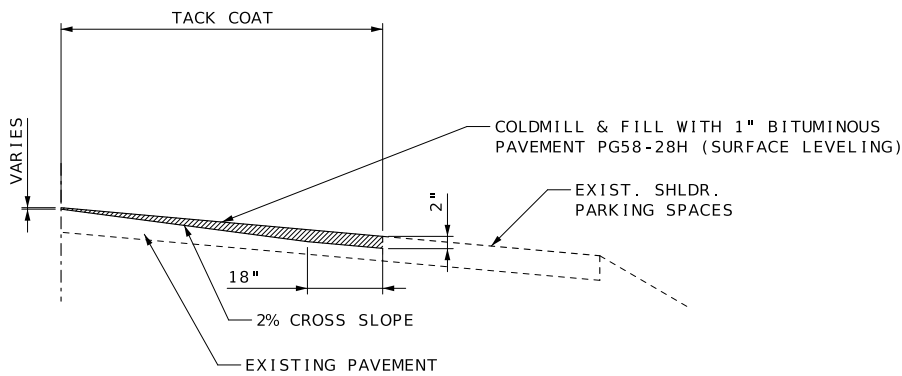
BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)	1.948 TON/YD ³
TACK COAT	.10 GAL/YD ²



PROPOSED TYPICAL SECTION
OF CITY PARKING SPACES AND SHOULDERS

(1) MATCH EXISTING SLOPE

- LOG MILE 0.607 TO LOG MILE 0.658 (12' WIDE SB SHOULDER PARKING)
- LOG MILE 0.658 TO LOG MILE 0.763 (12' WIDE NB & SB SHOULDER PARKING)
- LOG MILE 0.763 TO LOG MILE 0.789 (12' WIDE NB SHOULDER PARKING)
- LOG MILE 0.789 TO LOG MILE 1.048 (12' WIDE NB & SB SHOULDER PARKING)
- LOG MILE 1.048 TO LOG MILE 1.057 (12' WIDE SB SHOULDER PARKING)
- LOG MILE 1.057 TO LOG MILE 1.120 (5' WIDE NB & SB SHOULDER)
- LOG MILE 1.120 TO LOG MILE 1.132 (15' WIDE NB & SB SHOULDER)
- LOG MILE 1.132 TO LOG MILE 1.311 (15' SB SHOUDLER PARKING)
- LOG MILE 1.184 TO LOG MILE 1.194 (15' WIDE NB SHOULDER)
- LOG MILE 1.248 TO LOG MILE 1.258 (15' WIDE NB SHOULDER)
- LOG MILE 1.311 TO LOG MILE 1.344 (15' NB & SB SHOULDER PARKING)
- LOG MILE 1.344 TO LOG MILE 1.492 (8' WIDE NB & SB SHOULDER)
- LOG MILE 1.716 TO LOG MILE 1.760 (19' WIDE SB SHOULDER PARKING)
- LOG MILE 1.840 TO LOG MILE 1.878 (16' WIDE NB SHOULDER PARKING)



PROPOSED TYPICAL SECTION
NEGATIVE SLOPE FIX

(1) MATCH EXISTING SLOPE

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

TYPICAL SECTION
SHEET 2 OF 2
NOT TO SCALE



DATE PREPARED 7/23/2026	
ROUTE BUS 61	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY MARION	
JOB NO. JNE0064	
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)

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	NON-TRACKING TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
0.465	0.471	31.68	1.00	22.5	79	4.3	7.9	BEGINNING OF PROJECT
0.471	0.594	649.44	1.00	31	2237	121.0	223.7	AVG. WIDTH
0.594	0.650	295.68	1.00	27	887	48.0	88.7	15' NB & 12' SB
0.650	1.132	2544.96	1.00	24	6787	367.3	678.7	
1.132	1.311	945.12	1.00	26	2730	147.7	273.0	14' NB & 12' SB
1.311	1.495	971.52	1.00	24	2591	140.2	259.1	24' ENDS @ RTE 168
1.495	1.715	1161.60	1.00	26	3356	181.6	335.6	CURB & GUTTER TO CURB & GUTTER
1.715	3.254	8125.92	1.00	24	21669	1172.5	2166.9	END OF PROJECT
BEG	END							
0.465	3.254	14725.92	-	-	-	418.4	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
SUBTOTAL						2,601.0	4,033.6	
TOTAL						2,601	4,034	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
0.465	0.471	31.68	1.00	22.5	79.2	BEGINNING OF PROJECT
0.471	0.594	649.44	1.00	31	2237.0	AVG. WIDTH
0.594	0.650	295.68	1.00	27	887.0	15' NB & 12' SB
0.650	1.132	2544.96	1.00	24	6786.6	
1.132	1.311	945.12	1.00	26	2730.3	14' NB & 12' SB
1.311	1.495	971.52	1.00	24	2590.7	24' ENDS @ RTE 168
1.495	1.715	1161.60	1.00	26	3355.7	CURB & GUTTER TO CURB & GUTTER
1.715	3.254	8125.92	1.00	24	21669.1	END OF PROJECT
TOTAL					40,336	

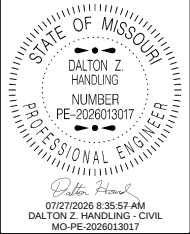
PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE (LF)	4" YELLOW SOLID/INTERMITTENT CENTERLINE (LF)	4" YELLOW DOUBLE SOLID CENTERLINE (LF)	4" WHITE SOLID EDGELINE (LF)	
0.465	0.880	BUS 61	-	-	4382	-	
0.880	0.972	BUS 61	-	607	-	-	SBL INTERMITTENT AND NBL SOLID
0.972	1.056	BUS 61	-	-	887	-	
1.056	1.156	BUS 61	-	660	-	-	SBL SOLID AND NBL INTERMITTENT
1.156	1.182	BUS 61	-	-	275	-	
1.182	1.364	BUS 61	-	1201	-	-	SBL INTERMITTENT AND NBL SOLID
1.364	1.420	BUS 61	80	-	-	-	
1.420	1.488	BUS 61	-	-	718	-	
1.502	1.542	BUS 61	-	-	422	-	
1.542	2.340	BUS 61	1,060	-	-	-	
2.340	2.502	BUS 61	-	1069	-	-	SBL SOLID AND NBL INTERMITTENT
2.502	2.678	BUS 61	-	1162	-	-	SBL INTERMITTENT AND NBL SOLID
2.678	2.860	BUS 61	-	1201	-	-	SBL SOLID AND NBL INTERMITTENT
2.860	3.254	BUS 61	-	-	4161	-	
2.395	3.254	BUS 61				9,071	EDGELINE
SUBTOTAL			1,140	5,900	10,845	9,071	
TOTAL				17,885		9,071	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

DURABLE INTERSECTION MARKING				
LOG MILE	PREFORMED THERMOPLASTIC PAVEMENT MARKING			REMARKS
	6" WHITE CROSSWALK (LF)	24" WHITE STOP BAR (LF)	24" WHITE LONGITUDINAL BARS (LF)	
1.178	-	-	66	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.196	-	-	54	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.247	-	-	54	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.257	-	-	54	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.309	-	-	54	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.320	-	-	54	PEDESTRIAN CROSSWALK - SEE SPECIAL SHEET
1.494	44	-	-	CROSSWALK
0.496	-	12	-	STOP BAR - INTERSECTION OF BUS 61 & HWY 61
1.488	-	12	-	STOP BAR - INTERSECTION OF HWY 168 & BUS 61
1.499	-	12	-	STOP BAR - INTERSECTION OF HWY 168 & BUS 61
31.262	-	12	-	STOP BAR - INTERSECTION OF HWY 168 & BUS 61
0.005	-	12	-	STOP BAR - INTERSECTION OF ROSS ST & BUS 61
SUBTOTAL	44	60	336	
TOTAL			396	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

MOBILIZATION
1 LUMP SUM



DATE PREPARED
7/23/2026

ROUTE
BUS 61

STATE
MO

DISTRICT
NE

SHEET NO.
4

COUNTY
MARION

JOB NO.
JNE0064

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)

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) - CITY PARKING AREAS AND SHOULDERS									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	NUM. OF PARKING LANES (#)	COLDMILLING (SY)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	NON-TRACKING TACK COAT 0.10 GAL/SY (GAL)	REMARKS
0.607	0.658	269.28	1	12	1	359	19.3	35.9	SB SHOULDER PARKING
0.658	0.763	554.40	1	12	2	1478	79.4	147.8	NB & SB SHOULDER PARKING
0.763	0.789	137.28	1	12	1	183	9.8	18.3	NB SHOULDER PARKING
0.789	1.048	1367.52	1	12	2	3647	195.9	364.7	NB & SB SHOULDER PARKING
1.048	1.057	47.52	1	12	1	63	3.4	6.3	SB SHOULDER PARKING
1.057	1.120	332.64	1	5	2	370	19.9	37.0	NB & SB SHOULDER
1.120	1.132	63.36	1	15	2	211	11.3	21.1	NB & SB SHOULDER PARKING
1.132	1.311	945.12	1	15	1	1575	84.6	157.5	SB SHOULDER PARKING
1.184	1.194	52.80	1	15	1	88	4.7	8.8	NB SHOULDER
1.248	1.258	52.80	1	15	1	88	4.7	8.8	NB SHOULDER
1.311	1.344	174.24	1	15	2	581	31.2	58.1	NB & SB SHOULDER PARKING
1.344	1.492	781.44	1	8	2	1389	74.6	138.9	NB & SB SHOULDER PARKING
1.716	1.760	232.32	1	19	1	490	26.3	49.0	SB SHOULDER PARKING
1.840	1.878	200.64	1	16	1	357	19.2	35.7	NB SHOULDER PARKING
TOTAL						10,879	584	1,088	

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 3 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	2	32.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	4	64.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 32 TOTAL						
2	W020-1	48 X 48	16.00	32	512.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	32	512.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	32	512.00	FLAGGER (SYMBOL)
58	G020-4a	18 X 12	1.50	32	48.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 5 TOTAL						
2	W020-1	48 X 48	16.00	5	80.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	5	80.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	5	80.00	FLAGGER (SYMBOL)
58	G020-4a	42 X 30	8.75	5	43.75	PILOT CAR IN USE WAIT & FOLLOW
CONSTRUCTION SIGNS TOTAL					2271	616-99.01 MISC. LUMP SUM
CHANNELIZERS					450	TEMPORARY TRAFFIC CONTROL
NOTES: ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED. QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS. REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS. MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION.						

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
1.881	3.240	5	4.0	20.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
1.881	3.240	11	2.0	22.0	PRIVATE ENTRANCES
TOTAL				42.0	

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MILE	LOG MILE	LENGTH W/ EXCEPTIONS (FT)	AGGREGATE SHOULDER WIDTH (FT)	AREA (SY)	VARYING WEDGE THICKNESS (IN)	TYPE 1 AGGR. 0.058 TONS/SY/IN (TONS)	REMARKS
1.890	3.254	6291.92	1	699.1	3.00	60.8	RIGHT / SB
1.717	1.840	649.44	1	72.2	3.00	6.3	LEFT / NB
1.878	3.254	5715.28	1	635.0	3.00	55.2	LEFT / NB
					SUBTOTAL	122.3	
					TOTAL	122	*1

*1 - PLACE AGGREGATE SHOULDER TO MATCH HEIGHT OF ROADWAY AS NEEDED DEPTHS MAY VARY



DATE PREPARED 8/18/2026	
ROUTE BUS 61	STATE MO
DISTRICT NE	SHEET NO. 5
COUNTY MARION	
JOB NO. JNE0064	
CONTRACT ID.	

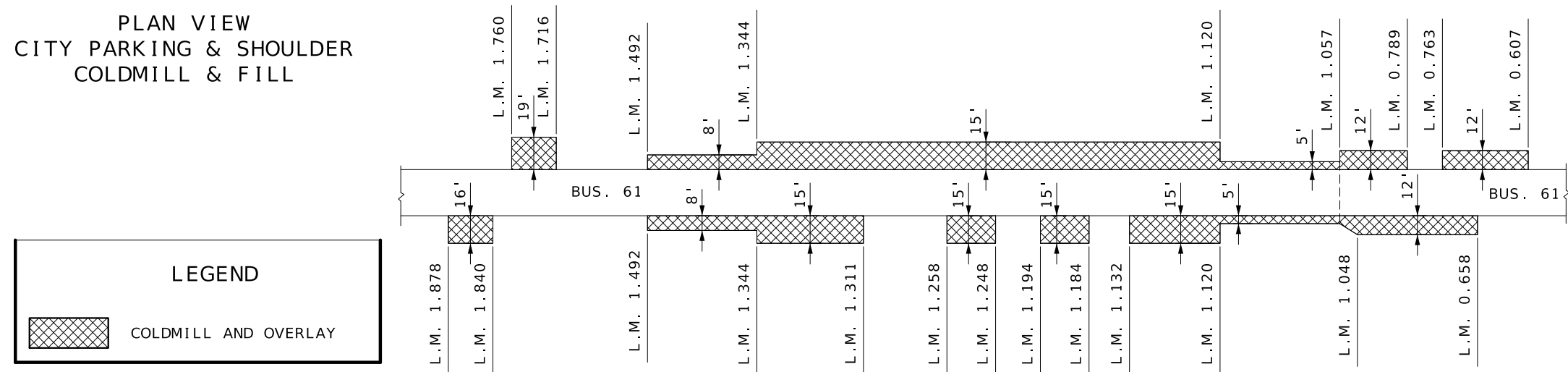
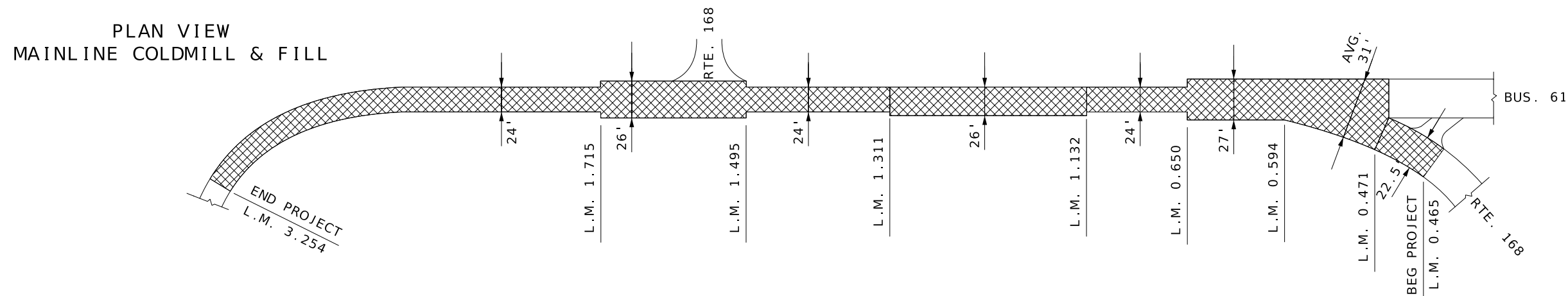
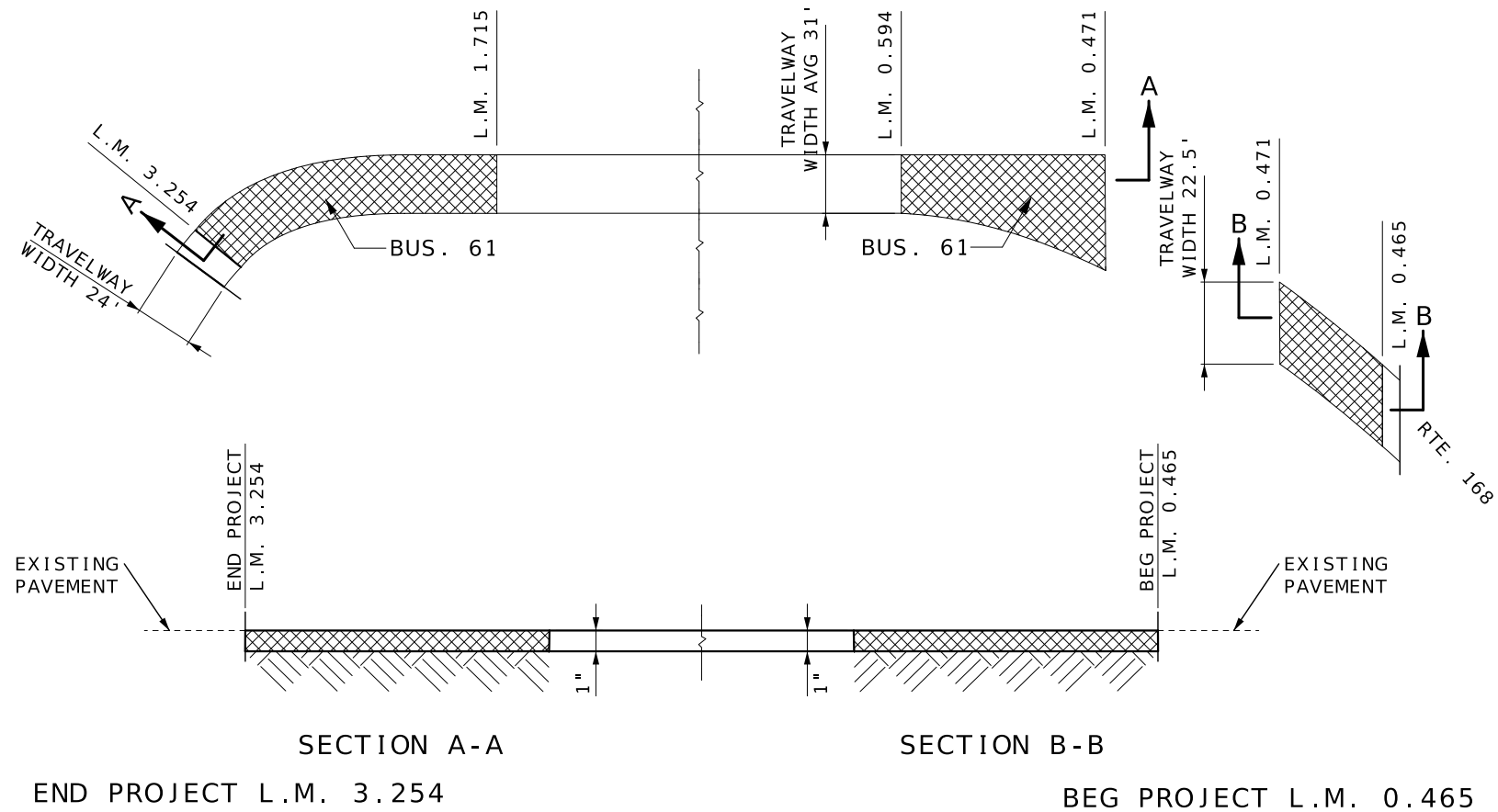
PROJECT NO.
BRIDGE NO.

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



LEGEND

COLDMILL AND OVERLAY



SPECIAL SHEET
1 OF 2
NOT TO SCALE

STATE OF MISSOURI
DALTON Z. HANDING
NUMBER
PE-2026013017
PROFESSIONAL ENGINEER

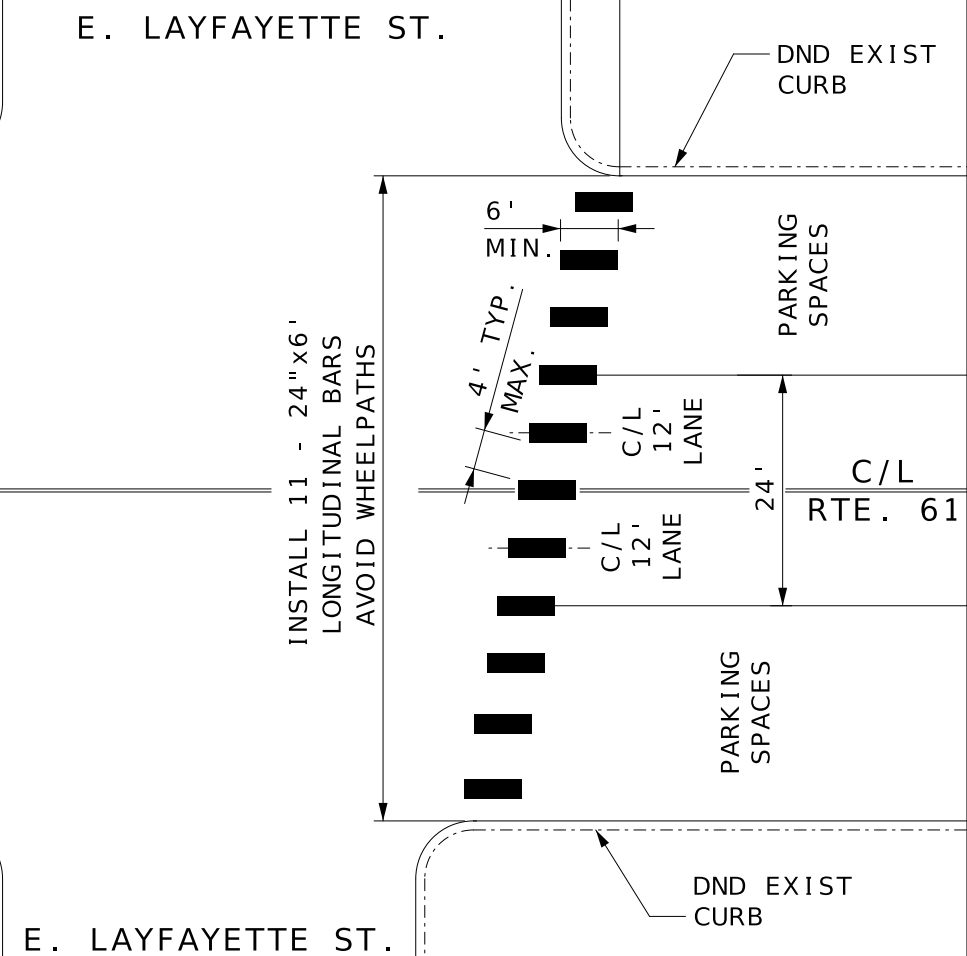
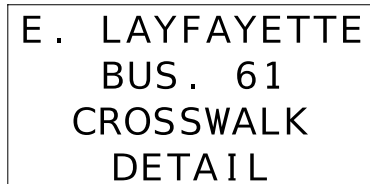
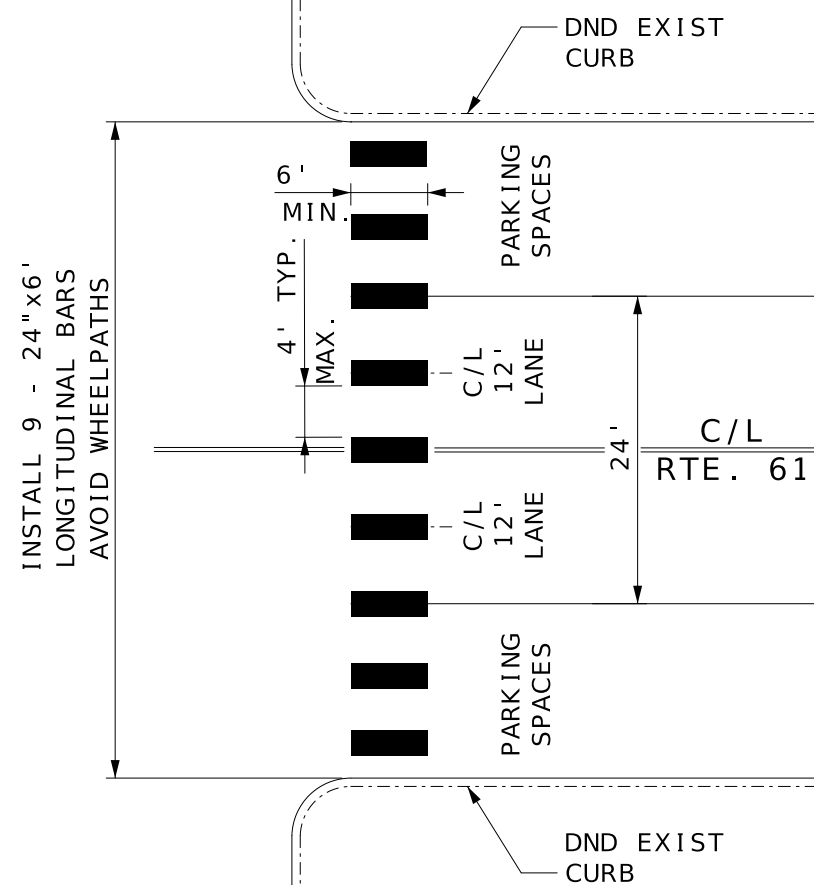
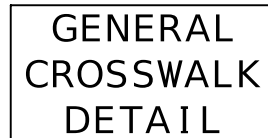
DATE PREPARED
7/23/2026

ROUTE BUS 61	STATE MO
DISTRICT NE	SHEET NO. 6
COUNTY MARION	
JOB NO. JNE0064	
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
2 OF 2
NOT TO SCALE



MO-PE-2026013017

8/18/202

ROUTE	STATE
BUS 61	MO

DISTRICT	SHEET NO.
NE	7

COUNTY

MARION

JOB NO.

JNE0064

CONTRACT ID

PROJECT NO. _____

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

DESIGN DESIGNATION

A.A.D.T. - 2027 = 1169

V = 55 M.P.H.*

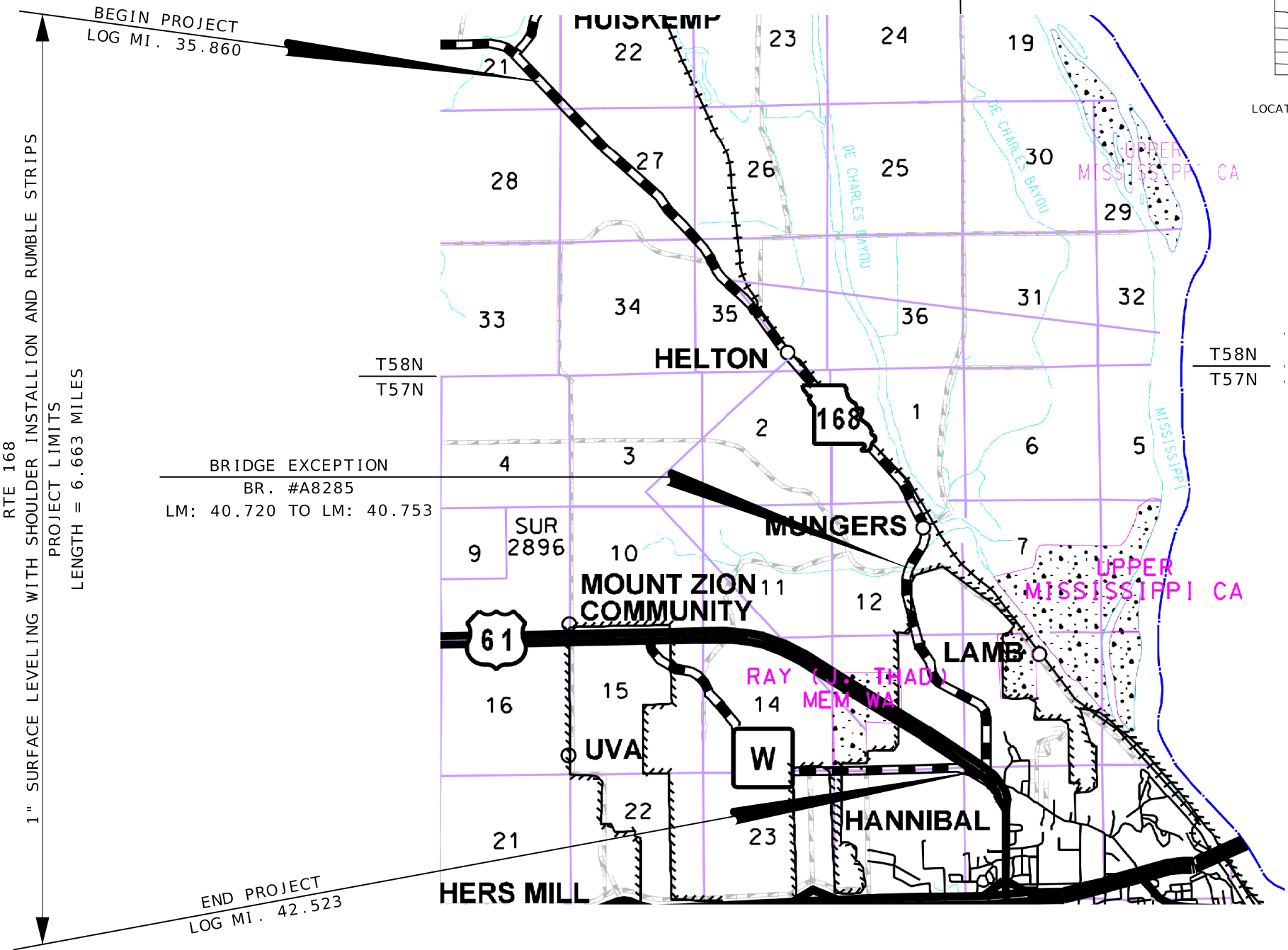
* 45 M.P.H. L.M. 41.42 TO L.M. 42.18
35 M.P.H. L.M. 42.18 TO END OF PROJECT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
MARION COUNTY

T58-T57, R05W-R04W



KEY MAP
LOCATION OF MARION COUNTY



BEGIN PROJECT
LOG MI. 35.860

T58N
T57N

BRIDGE EXCEPTION
BR. #A8285
LM: 40.720 TO LM: 40.753

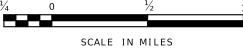
SUR
2896

61

RAY (J. THAD)
MEM. WA.

W

END PROJECT
LOG MI. 42.523



SCALE IN MILES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEET (SS) (2 SHEETS)-----	4-5



Dalton Z. Handing
08/17/2026 12:21:05 PM
DALTON Z. HANDING - CIVIL
MO-PE-2026013017

DATE PREPARED

8/17/2026

ROUTE STATE

168 MO

DISTRICT SHEET NO.

NE 1

COUNTY

MARION

JOB NO.

JNE0065

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

TITLE SHEET

LENGTH OF PROJECT

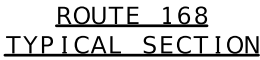
BEGINNING OF PROJECT	35.860	MILES
END OF PROJECT	42.523	MILES
APPARENT LENGTH	6.663	MILES

EQUATIONS AND EXCEPTIONS:

BRIDGE A8285	0.033	MILES
--------------	-------	-------

TOTAL CORRECTIONS	0.033	MILES
NET LENGTH OF PROJECT	6.630	MILES
STATE LENGTH	6.630	MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES



ROUTE 168
TYPICAL SECTION

LOG MILE 42.420 TO LOG MILE 42.518 (WIDTH TAPERS 21' TO 36')
LOG MILE 42.518 TO LOG MILE 42.523 (END PROJECT)



TYPICAL SECTION
SHEET 1 OF 1

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
35.860	35.870	50.00	1	21	117	6.3	-	11.7	BEGIN PROJECT DEPTH TRANSITION
35.870	40.710	25555.20	1	21	59629	3226.6	4770.3	-	
40.710	40.720	50.00	1	21	117	6.3	-	11.7	BRIDGE EXCEPTION DEPTH TRANSITION
40.720	40.753	-	-	-	-	-	-	-	EXCEPTION BR. NO. A8285
40.753	40.763	50.00	1	21	117	6.3	-	11.7	BRIDGE EXCEPTION DEPTH TRANSITION
40.763	42.420	8748.96	1	21	20414	1104.6	1633.1	-	
42.420	42.514	496.32	1	21 - 36	1572	85.1	125.8	-	WIDTH TAPER
42.513	42.523	50.00	1	36	200	10.8	16.0	-	
35.860	42.523	-	-	-	-	999.5	-	-	IRREGULARITIES (150 TONS PER MILE)
SUBTOTAL						5,445.5	6,545.2	35.1	
SUBTOTAL						871.4	1,243.1	2,339.7	SHOULDER WIDENING
SUBTOTAL						40.5	-	81	PAVED CO.RDS., STREETS, & ENTRANCES
TOTAL						6,357.4	10,244		

SHOULDER WIDENING														
LOG MILE	LOG MILE	LOC.	LENGTH FT	SHOULDER WIDENING WIDTH FT	SHOULDER WIDENING SY	SHOULDER SURFACE LIFT WIDTH FT	SHOULDER SURFACE LIFT SY	SHOULDER WIDENING THICKNESS IN	SHOULDER SURFACE LIFT THICKNESS IN	BP-1 (PG64-22) SHOULDER WIDENING @ 1.948 TONS/CY (TONS)	BP-1 (PG58-28H) SURFACE LEVELING @ 1.948 TONS/CY TONS	TACK COAT SURFACE LIFT 0.08 GAL/ SY (GALLONS)	TACK COAT SHLDR WIDENING 0.10 GAL/ SY (GALLONS)	REMARKS
35.860	40.720	LT.	25660.8	2.14	6101.57	2	5702.40	5	1	1650.81	308.56	456.2	610.2	LEFT SHOULDER
35.860	40.720	RT.	25660.8	2.14	6101.57	2	5702.40	5	1	1650.81	308.56	456.2	610.2	RIGHT SHOULDER
40.720	40.753	-	-	-	-	-	-	-	-	-	-	-	-	EXCEPTION BR. NO. A8285
40.753	42.523	LT.	9345.6	2.14	2222.18	2	2076.80	5	1	601.22	112.38	166.1	222.2	LEFT SHOULDER
40.753	42.523	RT.	9345.6	2.14	2222.18	2	2076.80	5	1	601.22	112.38	166.1	222.2	RIGHT SHOULDER
35.860	42.523	LT/RT	35180.64	-	-	-	-	-	-	-	30.49		112.7	SAFETY EDGE 1" SURFACE LIFT
35.860	42.523	LT/RT	35180.64	-	-	-	-	-	-	763.23			564.2	SAFETY EDGE 5" SHLDR WIDENING
EXCEPTIONS			85	2.14	20.21	2	18.89	5	1	-5.47	-1.02	-1.5	-2.0	CONCRETE ENTRANCES (LM 41.09 & LM 741.572)
							SUBTOTAL				871.4	1243.1	2339.7	
							TOTAL			5261.8				

COUNTY ROAD JUNCTIONS AND PAVED ENTRANCES							
EB LOG MILE	LOCATION	LT/RT	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
37.804	CO RD 402	RIGHT	70	3.8	7	70	
38.333	CO RD 408	LEFT	40	2.2	4	40	
39.764	CAMP GROUNDS - CE	LEFT	40	2.2	4	40	
40.164	PE	LEFT	40	2.2	4	40	
40.174	PE	LEFT	28	1.5	3	28	
40.389	CO RD 413	LEFT	55	3.0	6	55	
41.090	PE	RIGHT	8	0.4	1	8	
41.356	EL RANCHO DR	LEFT	35	1.9	4	35	
41.572	PE	LEFT	11	0.6	2	11	
41.582	PE	RIGHT	25	1.4	3	25	
41.627	ECONOMY APPLIANCE - CE	RIGHT	45	2.4	5	45	
41.773	WOODLAND ACRES	LEFT	65	3.5	7	65	
41.927	POND RD	RIGHT	30	1.6	3	30	
41.927	BUTTERNUT DR	LEFT	38	2.1	4	38	
41.998	OAK RIDGE POND RD	RIGHT	28	1.5	3	28	
42.019	PE	LEFT	25	1.4	3	25	
42.097	SCHOOL BLDG/CE	LEFT	16	0.9	2	16	
42.205	GOLDEN EAGLE DISTRIBUTING - CE	RIGHT	18	1.0	2	18	
42.259	GOLDEN EAGLE DISTRIBUTING - CE	RIGHT	38	2.1	4	38	
42.331	HUTGREEN DR./SCHOOL - CE	LEFT	30	1.6	3	30	
42.346	VANS APPLIANCE - CE	RIGHT	24	1.3	3	24	
42.399	NORTHPORT PLAZA - CE	RIGHT	36	1.9	4	36	
SUBTOTAL				40.5	81	745	

MOBILIZATION
1 LUMP SUM

BITUMINOUS SHOULDER RUMBLE STRIP				
LOG MILE	LOG MILE	LOC	LENGTH (STA)	REMARKS
35.860	40.720	LT	256.61	
35.860	40.720	RT	256.61	
40.720	40.753			EXCEPTION BR. NO. A8285
40.753	41.418	LT	35.11	STOP AT 45 MPH SPEED LIMIT
40.753	41.418	RT	35.11	STOP AT 45 MPH SPEED LIMIT
		EXCEPTIONS	-86.40	PRIVATE & COMMERCIAL ENTRANCES, CITY STREETS, & COUNTY ROADS
TOTAL			497.0	

EXCEPTIONS INCLUDE: STATE ROUTES, COUNTY ROADS, RAMPS, BRIDGES, AND ENTRANCES
SEE STANDARD PLANS 626.00J FOR RUMBLE STRIP STANDARD

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 64-22 = 1.948 TON/CY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY
TACK COAT (COLDMILLED SURFACE) = 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT = 0.039 TON/SY/IN OF LOOSE AGG.
TYPE 1 AGGR. = 0.058 TON/SY/IN



DATE PREPARED
7/23/2026

ROUTE 168	STATE MO
DISTRICT NE	SHEET NO. 3

COUNTY
MARION

JOB NO.
JNE0065

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)

CLASS 1 PAVEMENT MARKING PAINT (18-MIL. TYPE P BEADS)								
EB LOG MILE	EB LOG MILE	LOCATION	4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/ INTERMITTENT CENTERLINE L.F.	4" SOLID DOUBLE YELLOW CENTERLINE L.F.	4" SOLID SINGLE YELLOW CENTERLINE L.F.	4" WHITE EDGELINE L.F.	REMARKS
35.860	35.949	RTE 168	117					
35.949	36.113	RTE 168		1082				WBL INTERMITTENT AND EBL SOLID
36.113	36.229	RTE 168			1225			
36.229	36.390	RTE 168		1063				WBL SOLID AND EBL INTERMITTENT
36.390	36.410	RTE 168			211			
36.410	36.550	RTE 168		924				WBL INTERMITTENT AND EBL SOLID
36.550	36.750	RTE 168			2112			
36.750	36.869	RTE 168		785				WBL SOLID AND EBL INTERMITTENT
36.869	36.910	RTE 168			433			
36.910	36.970	RTE 168		396				WBL INTERMITTENT AND EBL SOLID
36.970	37.050	RTE 168	106					
37.050	37.130	RTE 168			845			
37.130	37.209	RTE 168		521				WBL INTERMITTENT AND EBL SOLID
37.209	37.289	RTE 168			845			
37.289	37.449	RTE 168		1056				WBL SOLID AND EBL INTERMITTENT
37.449	37.589	RTE 168	185					
37.589	37.750	RTE 168		1063				WBL INTERMITTENT AND EBL SOLID
37.750	38.070	RTE 168			3379			
38.070	38.150	RTE 168		528				WBL SOLID AND EBL INTERMITTENT
38.150	38.250	RTE 168			1056			
38.250	38.330	RTE 168		528				WBL INTERMITTENT AND EBL SOLID
38.330	38.490	RTE 168		1056				WBL SOLID AND EBL INTERMITTENT
38.490	38.609	RTE 168	157					
38.609	38.778	RTE 168		1115				WBL INTERMITTENT AND EBL SOLID
38.778	38.930	RTE 168		1003				WBL SOLID AND EBL INTERMITTENT
38.930	39.110	RTE 168	238					
39.110	39.250	RTE 168		924				WBL INTERMITTENT AND EBL SOLID
39.250	39.270	RTE 168	26					
39.270	39.370	RTE 168		660				WBL SOLID AND EBL INTERMITTENT
39.370	39.430	RTE 168			634			
39.430	39.510	RTE 168		528				WBL INTERMITTENT AND EBL SOLID
39.510	39.530	RTE 168	26					
39.530	39.670	RTE 168		924				WBL SOLID AND EBL INTERMITTENT
39.670	39.810	RTE 168	185					
39.810	39.990	RTE 168		1188				WBL INTERMITTENT AND EBL SOLID
39.990	42.497	RTE 168			26474			
42.519	42.523	RTE 168					21	
42.497	42.523	RTE 168				137		
35.860	42.523	RTE 168					70361	
35.860	42.523	RTE 168						NO EDGELINE EXCEPTIONS
		SUBTOTAL	1040	15344	37214	137	70382	
		TOTAL		53735			70382	

PERMANENT AGGREGATE EDGE TREATMENT							
LOG MILE	LOG MILE	LENGTH (FT)	AGGREGATE EDGE WIDTH (FT)	AREA (SY)	THICKNESS 3" WEDGE (IN)	TYPE 1 AGGR. 0.058 TONS/SY/IN (TONS)	REMARKS
35.860	40.720	25660.8	1.5	4276.8	3.0	372.1	LEFT EDGE
35.860	40.720	25660.8	1.5	4276.8	3.0	372.1	RIGHT EDGE
40.720	40.753	EXCEPTION BR. NO. A8285					
40.753	42.523	9345.6	1.5	1557.6	3.0	135.5	LEFT EDGE
40.753	42.523	9345.6	1.5	1557.6	3.0	135.5	RIGHT EDGE
					TOTAL	1015.2	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
40.753	40.772	100	1	21	233	SOUTH END OF BR. NO. A8285 FROM NORTH CAR DEALERSHIP ENTRANCE TO END OF PROJECT
42.420	42.523	545	1	21-36	1772	
					TOTAL	2,005

SHOULDER GRADING							
LOG MILE	LOG MILE	LOC.	LENGTH FT	WIDTH FT	DEPTH IN	SHOULDER GRADING 100 FT	REMARKS
35.860	40.720	LT.	25660.8	2	5	256.6	LEFT SHOULDER - BEGIN PROJECT TO BRIDGE A8285 EXCEPTION
35.860	40.720	RT.	25660.8	2	5	256.6	RIGHT SHOULDER - BEGIN PROJECT TO BRIDGE A8285 EXCEPTION
40.753	42.523	LT.	9345.6	2	5	93.5	LEFT SHOULDER - BRIDGE A8285 EXCEPTION TO END PROJECT
40.753	42.523	RT.	9345.6	2	5	93.5	RIGHT SHOULDER - BRIDGE A8285 EXCEPTION TO END PROJECT
					TOTAL	700.2	
					USE	700	

AGGREGATE ENTRANCES			
NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
23	2.0	46.0	PRIVATE AND FIELD ENTRANCES
4	4.0	16.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
1	9.0	9.0	LM 38.570 - LM 38.760, BLEIGH CONSTRUCTION
-	-	6.0	6 MAILBOX TURNOUTS
	TOTAL	77	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
35.860	35.870	50	1	21	117	BEGIN PROJECT
40.710	40.720	50	1	21	117	BEGIN EXCEPTION BR. NO. A8285
40.772	40.782	50	1	21	117	END OF MILL & FILL S/O BR. NO. A8285
42.410	42.420	50	1	21	117	NORTH END OF MILL & FILL AT END OF PROJECT
				SUBTOTAL	468	
				SUBTOTAL	745	PAVED CO. RDS., STREETS, AND ENTRANCES
				TOTAL	1,213	

INTERSECTION MARKING					REMARKS
PREFORMED THERMOPLASTIC PAVEMENT MARKING					
LOG MILE	LOG MILE	LEFT/RIGHT ARROW (EACH)	COMBINATION STR/LT/RT ARROW (EACH)	24" YELLOW HASH BARS (LF)	
42.478	42.495	1		27	US 61/MO 168 INT.
42.524			1	-	US 61/MO 168 INT.
		-	-	-	
TOTAL		1	1	27	

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING



DATE PREPARED 7/23/2026	
ROUTE 168	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY MARION	
JOB NO. JNE0065	
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)

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 7 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL)
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	6	96.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
36	W08-11	48 X 48	16.00	6	96.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 10 TOTAL						
2	W020-1	48 X 48	16.00	10	160.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	10	160.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	10	160.00	FLAGGER (SYMBOL)
58	G020-4a	18 X 12	1.50	10	15.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 1 TOTAL						
2	W020-1	48 X 48	16.00	1	16.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	1	16.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	1	16.00	FLAGGER (SYMBOL)
58	G020-4a	42 X 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
COMMERCIAL AND PRIVATE ENTRANCES						
60	G020-4A	24X18	3.00	18	*	PILOT CAR IN USE WAIT & FOLLOW *INCIDENTAL TO TRAFFIC CONTROL ITEMS
CONSTRUCTION SIGNS TOTAL					1051	FOR INFORMATIONAL PURPOSES ONLY
CHANNELIZERS					100	FOR INFORMATIONAL PURPOSES ONLY
NOTES: ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL UNLESS OTHERWISE NOTED. MOBILE OPERATION TMA'S ARE CONSIDERED INCIDENTAL TO CONSTRUCTION. QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. REFER TO STD. PLAN 616.20 FOR TEMPORARY TRAFFIC CONTROL PLANS. REFER TO STD. PLAN 616.10 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.						
LUMP SUM TEMPORARY TRAFFIC CONTROL						
ITEM NO.	UNIT	DESCRIPTION				
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL				

STATE OF MISSOURI

DALTON Z. HANDLING

NUMBER
PE-2026013017

PROFESSIONAL ENGINEER

Dalton Handling

07/27/2026 1:10:07 PM

DALTON Z. HANDLING - CIVIL

MO-PE-2026013017

DATE PREPARED

7/23/2026

ROUTE

168

DISTRICT

NE

STATE

MO

SHEET NO.

3

COUNTY

MARION

JOB NO.

JNE0065

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)

QUANTITY SHEET
3 OF 3

	1" BP-1 (SURFACE LEVELING) PG58-28H
	MODIFIED COLDMILL DEPTH TRANSITION
	1" SURFACE LEVELING (BP-1 PG58-28H) MILL & FILL

APPROX. 117 SQ. YDS.
MOD. COLDMILLING
FOR DEPTH TRANSITION

BEGIN PROJECT
LOG MILE 35.860

RTE 168

A

A



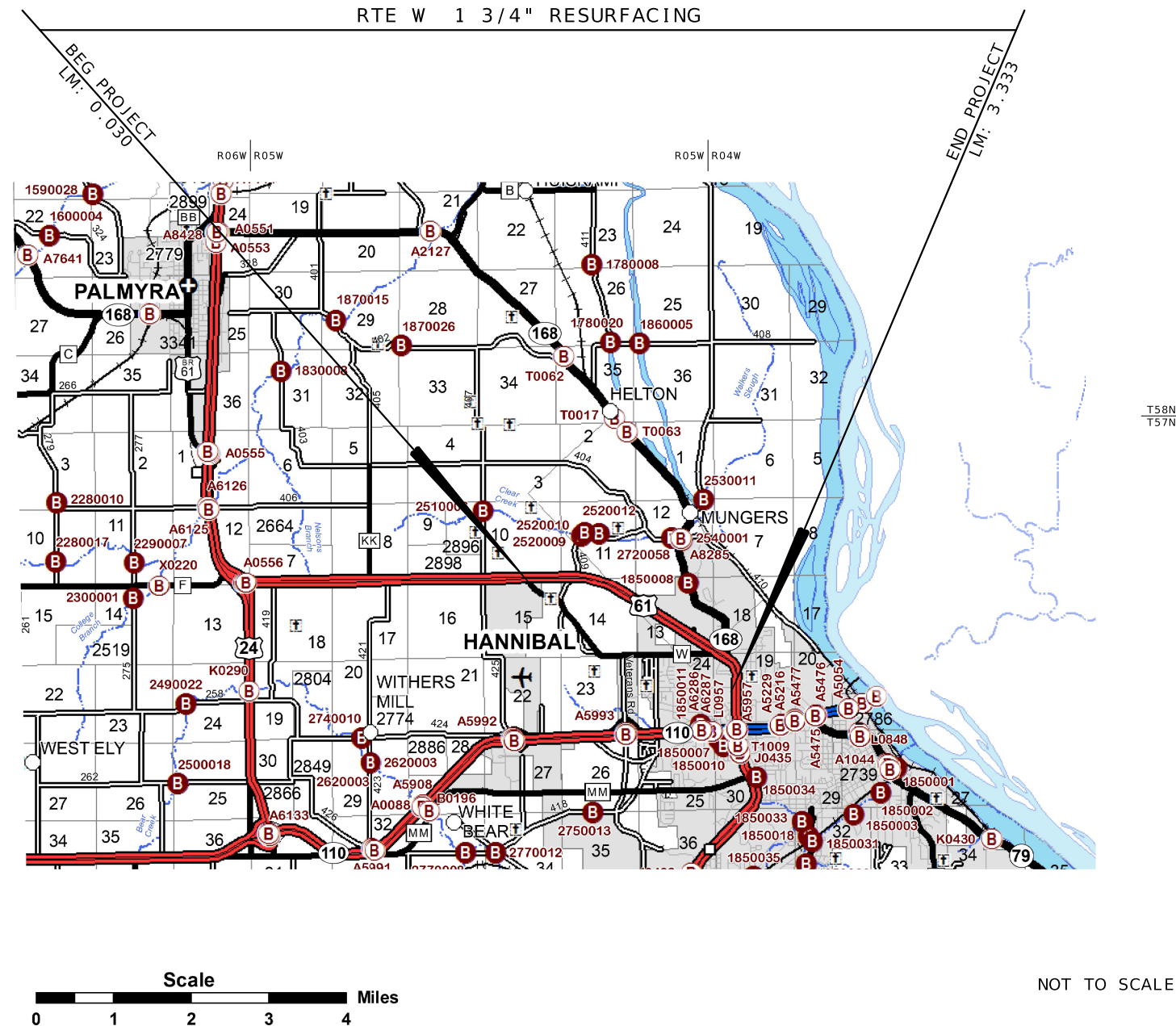
V = 55-25 M.P.H.

KEY MAP
LOCATION OF MARION COUNTY

T57, R04W-R05W

RTE W 1 3/4" RESURFACING

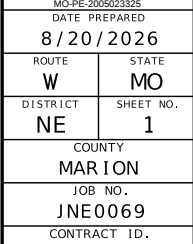
NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES



NOT TO SCALE

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.

TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)---	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEETS (SS) (3 SHEETS)----	4-6
TRAFFIC CONTROL (TC) (1 SHEET)----	7



PROJECT NO.
BRIDGE NO.

[illegible]


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

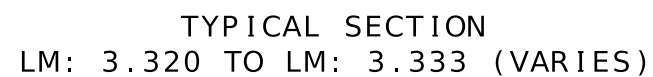
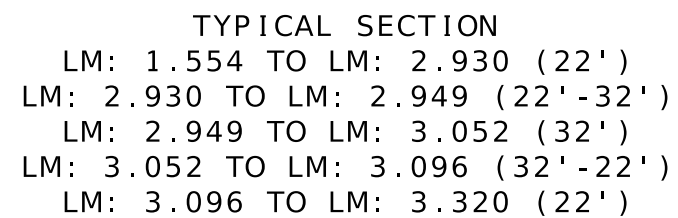
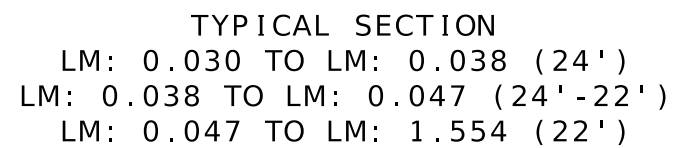
BEGINNING OF PROJECT: 0.030	
END OF PROJECT: 3.333	
APPARENT LENGTH	3.303 MILES
NET LENGTH OF PROJECT	3.303 MILES
STATE LENGTH	3.303 MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

JEFFERSON
1-888-ASK-MODOT

TITLE SHEET



OVERLAY

VARIABLES

ASPHALTIC EDGE TREATMENT

1 3/4"

+1"

NOTE: SLOPE IRREGULARITIES

THE ASPHALT EDGE TREATMENT (ASPHALT) AS WELL AS THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A (TYP.)

TYPICAL SECTION
SHEET 1 OF 1
NOT TO SCALE

BITUMINOUS PAVEMENT MIXTURE PG58-28H (BP-2)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	BP-2 @ 1.934 TONS/CY (TONS)	TACK COAT - NON-TRACKING 0.08 GAL/ SQ. YD. (GAL)	TACK COAT - NON-TRACKING 0.10 GAL/ SQ. YD. (GAL)	REMARKS
0.030	0.038	40.00	1.75	24	107	10.1	-	10.7	BEG PROJECT
0.038	0.047	47.50	1.75	24-22	165	15.5	-	16.5	DEPTH TRANSITION
0.047	1.537	7867.20	1.75	22	19231	1808.0	1538.5	-	-
1.537	1.554	87.5	1.75	22	214	20.1	-	21.4	DEPTH TRANSITION
1.554	2.930	7265.28	1.75	22	17760	1669.7	-	1776.0	-
2.930	2.949	100.32	1.75	22-32	325	30.6	-	32.5	-
2.949	3.052	543.84	1.75	32	1934	181.8	-	193.4	-
3.010	-	-	1.75	VARIES	395	37.1	-	39.5	MO 168/RTE W INTERSECTION
3.052	3.096	232.32	1.75	32-22	723	68.0	-	72.3	-
3.096	3.320	1182.72	1.75	22	2891	271.8	-	289.1	-
3.320	3.333	68.64	1.75	VARIES	510	47.9	-	51.0	END PROJECT
0.030	1.554	8046.72	-	-	-	96.1	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
0.030	1.554	8046.72	-	-	-	228.6	-	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
SUBTOTAL						4,485.3	1,538.5	2,502.4	
SUBTOTAL						23.3	-	27	PAVED ENTRANCES
TOTAL						4,508.6	4,068		

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)

LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
1.554	2.930	7265.28	1.75	22	17760	RTE W
2.930	2.949	100.32	1.75	22-32	325	RTE W
2.949	3.052	543.84	1.75	32	1934	RTE W
3.010	-	VARIES	1.75	VARIES	395	MO 168
3.052	3.096	232.32	1.75	32-22	723	RTE W
3.096	3.320	1182.72	1.75	22	2891	RTE W
3.320	3.333	68.64	1.75	VARIES	510	RTE W
TOTAL					24,538	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	BP-2 @ 1.934 TONS/CY (TONS)	TACK COAT - NON-TRACKING 0.10 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
0.297	PRIVATE ENTRANCE	70	6.6	7	70	LT
0.657	HUNTINGDON RD	50	4.7	5	50	LT
0.659	CO RD 439	25	2.4	3	25	RT
0.856	PRIVATE ENTRANCE	26	2.4	3	26	LT
1.075	PRIVATE ENTRANCE	28	2.6	3	28	LT
1.233	PRIVATE ENTRANCE	25	2.4	3	25	RT
1.276	PRIVATE ENTRANCE	23	2.2	3	23	RT
SUBTOTAL			23.3	27	247	

DURABLE INTERSECTION MARKING				
LOG MILE	PREFORMED THERMOPLASTIC PAVEMENT MARKING			REMARKS
	24" WHITE STOP BAR (LF)	LEFT/RIGHT ARROW (EACH)	COMBINATION STR/LT/RT ARROW (EACH)	
2.991	-	1	1	RTE W
2.997	14	-	-	RTE W
3.015	30	-	-	MO 168
3.023	30	-	-	RTE W
3.033	-	1	1	RTE W
3.043	-	1	-	RTE W
3.323	14	-	-	RTE W
TOTAL	88	3	2	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING				

ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-2) = 1.934 TON/CY	
TACK COAT - NON-TRACKING (EXISTING SURFACE) = 0.08 GAL/SY	
TACK COAT - NON-TRACKING (COLDMILLING SURFACE) = 0.10 GAL/SY	
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.030	0.047	87.5	1.75	22-24	230	
1.537	1.554	87.5	1.75	22	214	
SUBTOTAL					444	
SUBTOTAL					247	PAVED ENTRANCES
TOTAL					691	

MOBILIZATION
1 LUMP SUM

REMOVAL OF IMPROVEMENTS			
LOG MILE	LOCATION	FOR ESTIMATE PURPOSES ONLY - LENGTH (FT)	DESCRIPTION
1.315	RT	275	REMOVE ALL GUARDRAIL
1 LUMP SUM		275	

GUARDRAIL					
LOG MILE	LOCATION	MGS GUARDRAIL 8 FT. POSTS, 6FT. - 3IN. SPACING (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	SHAPING SLOPES CLASS III (STA)	REMARKS
1.315	RT	175	2	1.5	
TOTAL		175	2	2	

CABLE																	
FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS	
										CONTROL	POLE & BRACKET						
					2c #16	5c #16	7c #16	3c #16		3 PAIR #16	2c #12	1c #10	1c #14 IN DUCT	2c #14 LEAD-IN CABLE	SINGLE- MODE		MULTI- MODE
2.981	3.052										264	35				EB MO 168 STRAIGHT/RIGHT	
2.981	3.052										264	55				EB MO 168 LEFT	
2.981	3.052										264	55				SB MO 168 STRAIGHT/RIGHT	
2.981	3.052										264	85				SB MO 168 LEFT	
2.981	3.052										264	85				WB MO 168 STRAIGHT/RIGHT	
2.981	3.052										264	95				WB MO 168 LEFT	
SUBTOTALS											1584	410					
TOTALS											1590	410					



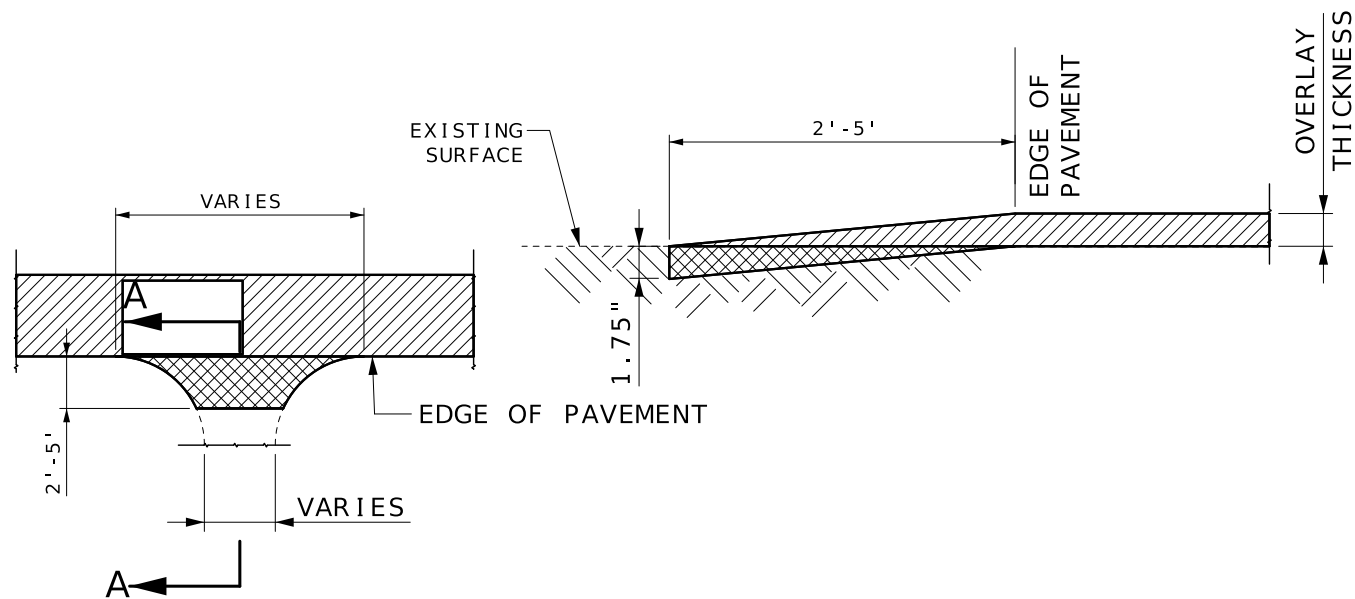
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7/23/2026	
ROUTE	STATE
W	MO
DISTRICT	SHEET NO.
NE	3
COUNTY	
MARION	
JOB NO.	
JNE0069	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE					

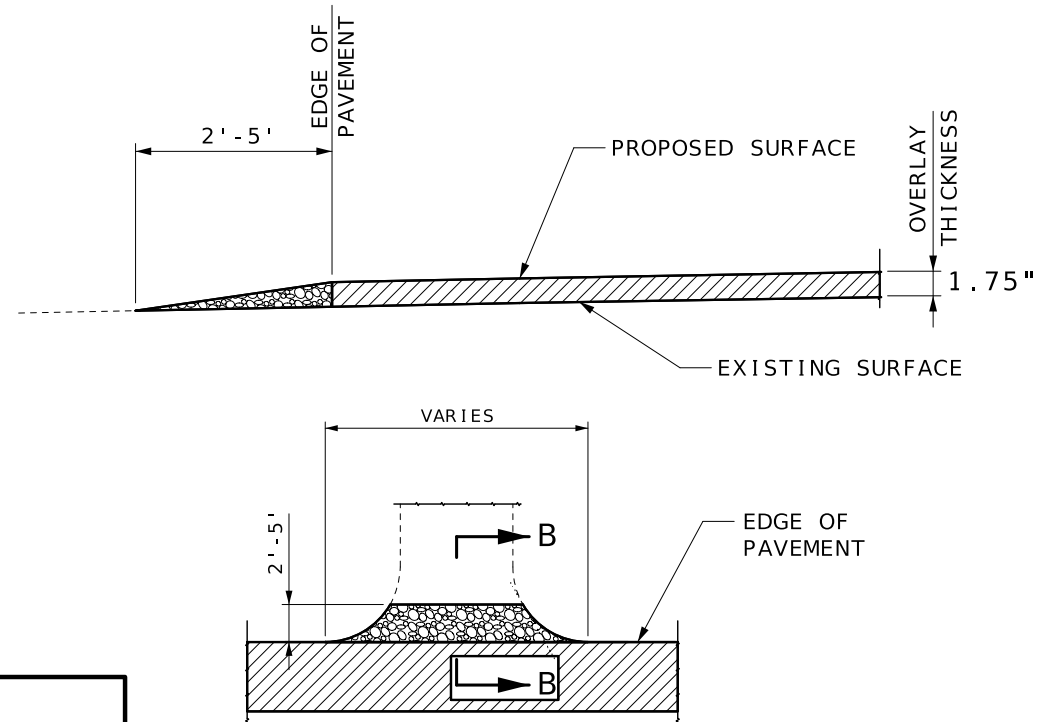
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



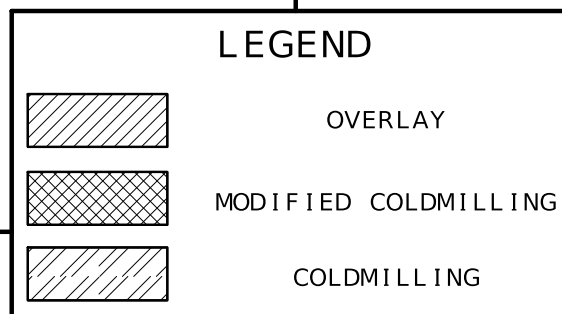
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



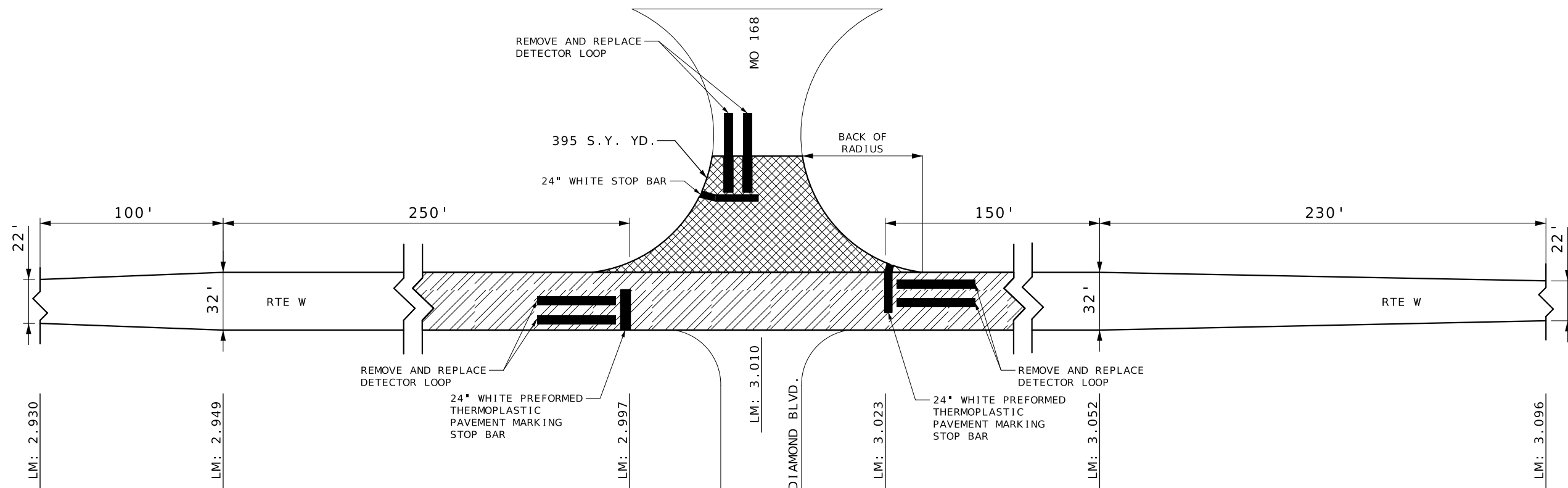
SECTION A-A
TYPICAL ASPHALT/CONCRETE ENTRANCE
OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS,
CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)



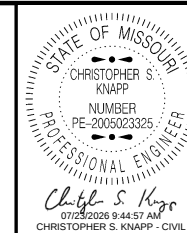
SECTION B-B
TYPICAL PAVED AGGREGATE ENTRANCE



*ALL DETECTOR LOOPS ARE
6' X 30'



RTE W AND MO 168 INTERSECTION



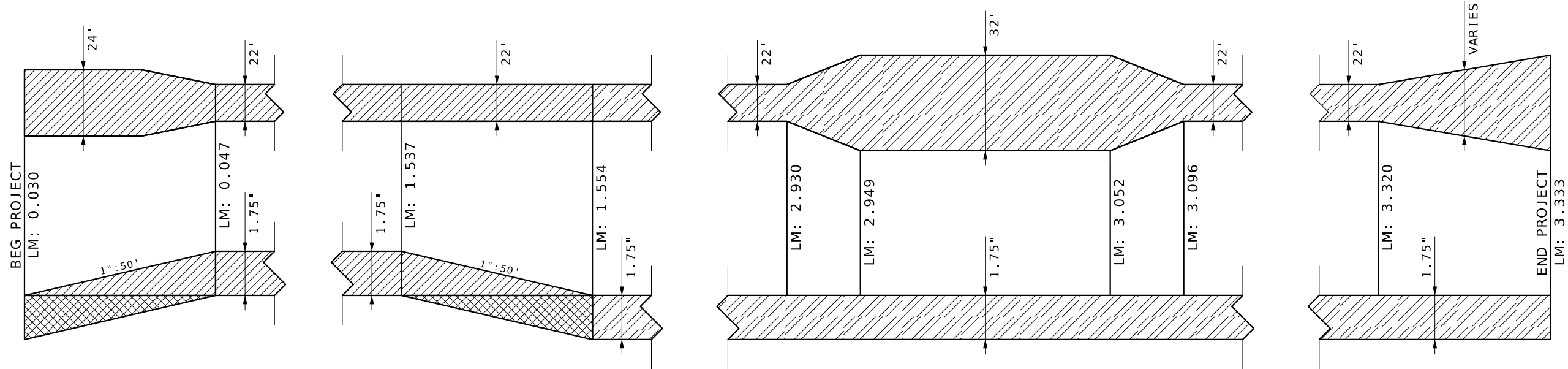
DATE PREPARED
7/23/2026
ROUTE
W
DISTRICT
NE
STATE
MO
SHEET NO.
4
COUNTY
MARION
JOB NO.
JNE0069
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

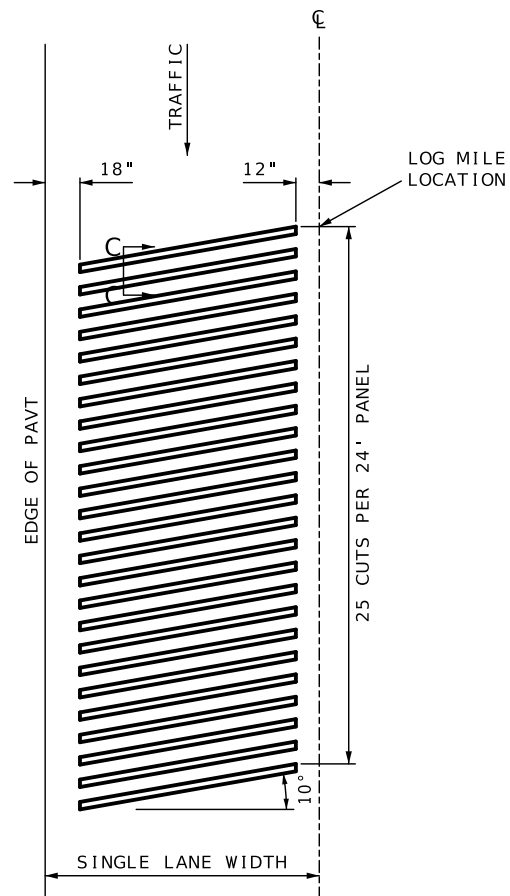
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
SHEET 1 OF 3
NOT TO SCALE



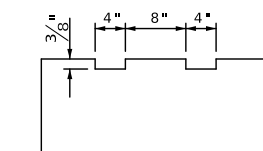
LONGITUDINAL TRAVELWAY DEPTH TRANSITIONS & WIDTH TRANSITIONS

LOCATIONS
LM: 0.154 (WESTBOUND)
LM: 0.199 (WESTBOUND)

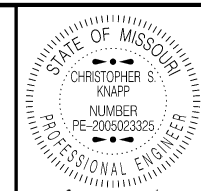
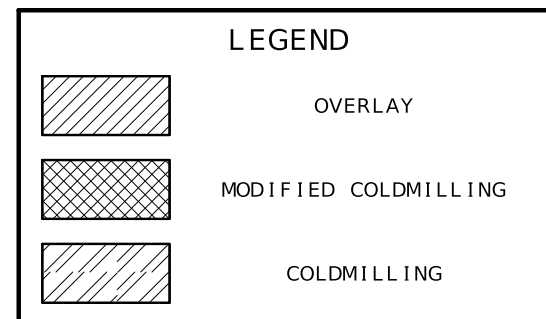


TYPICAL TRANSVERSE RUMBLE STRIPS DIMENSIONS

EDGE OF PAVT



SECTION C-C
RUMBLE STRIP
DEPTH DIMENSIONS



DATE PREPARED
7/23/2026 9:45:51 AM
CHRISTOPHER S. KNAPP - CIVIL
MO-PE-2005023325

ROUTE
W

STATE
MO

DISTRICT
NE

SHEET NO.
5

COUNTY
MARION

JOB NO.
JNE0069

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

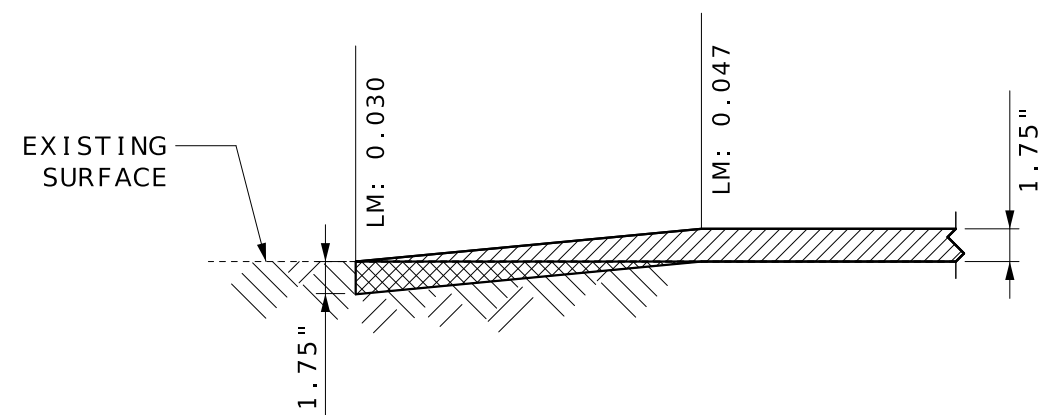
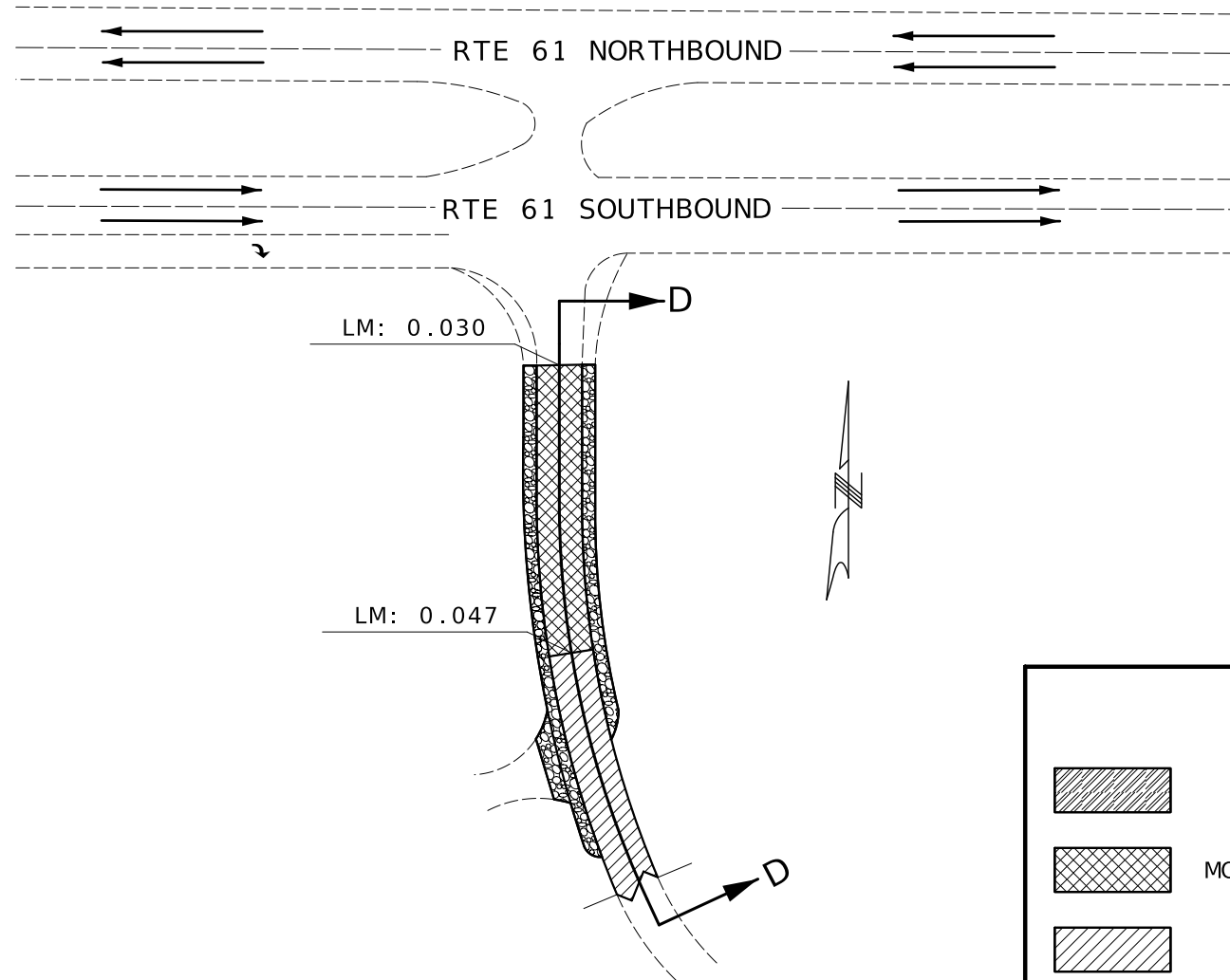
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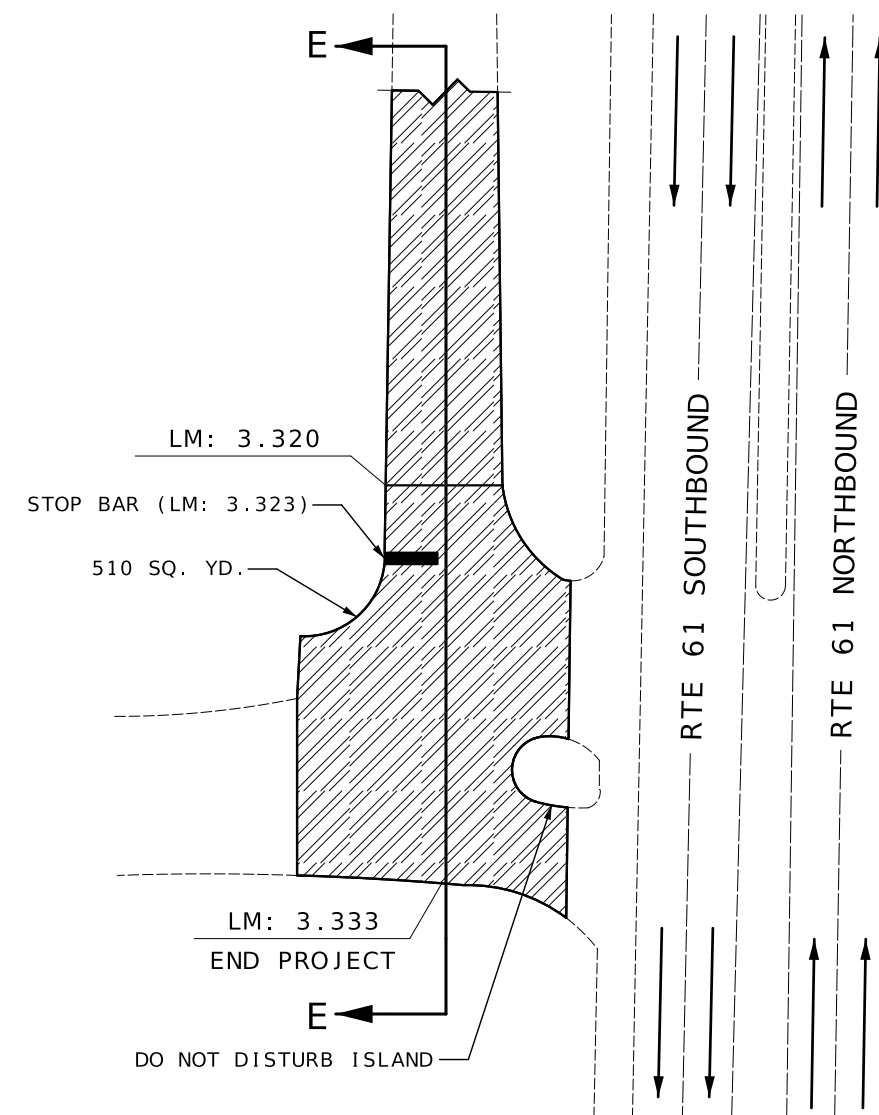
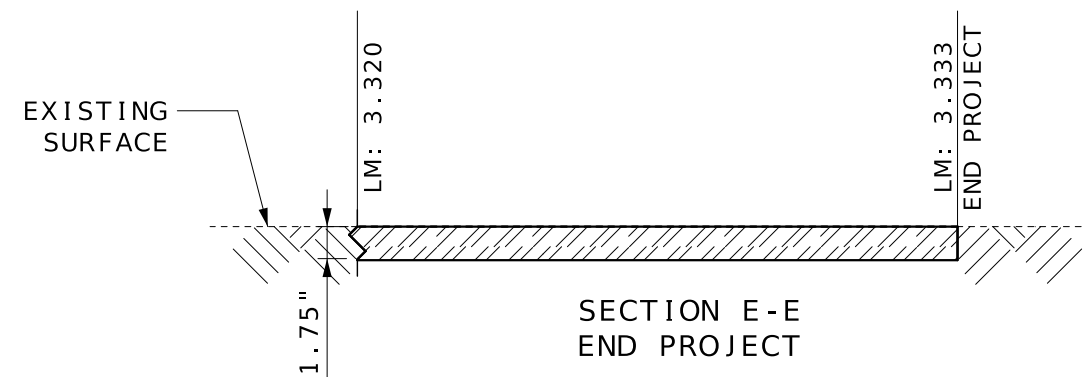
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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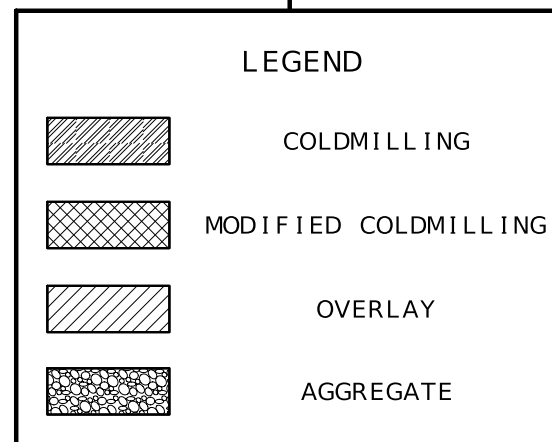
SPECIAL SHEET
SHEET 2 OF 3
NOT TO SCALE



SECTION D-D
BEG PROJECT



END PROJECT





Christopher S. Knapp
 CHRISTOPHER S. KNAPP - CIVIL
 07/23/2026 9:46:44 AM
 MO-PE-2005023325

DATE PREPARED 7/23/2026	
ROUTE W	STATE MO
DISTRICT NE	SHEET NO. 6
COUNTY MARION	
JOB NO. JNE0069	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102

SPECIAL SHEET

SHEET 3 OF 3

NOT TO SCALE

