MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
PULASKI, MARIES, LACLEDE COUNTY

DESIGN DESIGNATION

ROUTE P
A.A.D.T. - 2024 = 846
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

ROUTE AA
A.A.D.T. - 2024 = 749
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

SOUTH OR44 (RTE 17 TO RTE H)
A.A.D.T. - 2024 = 2145
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - LOCAL

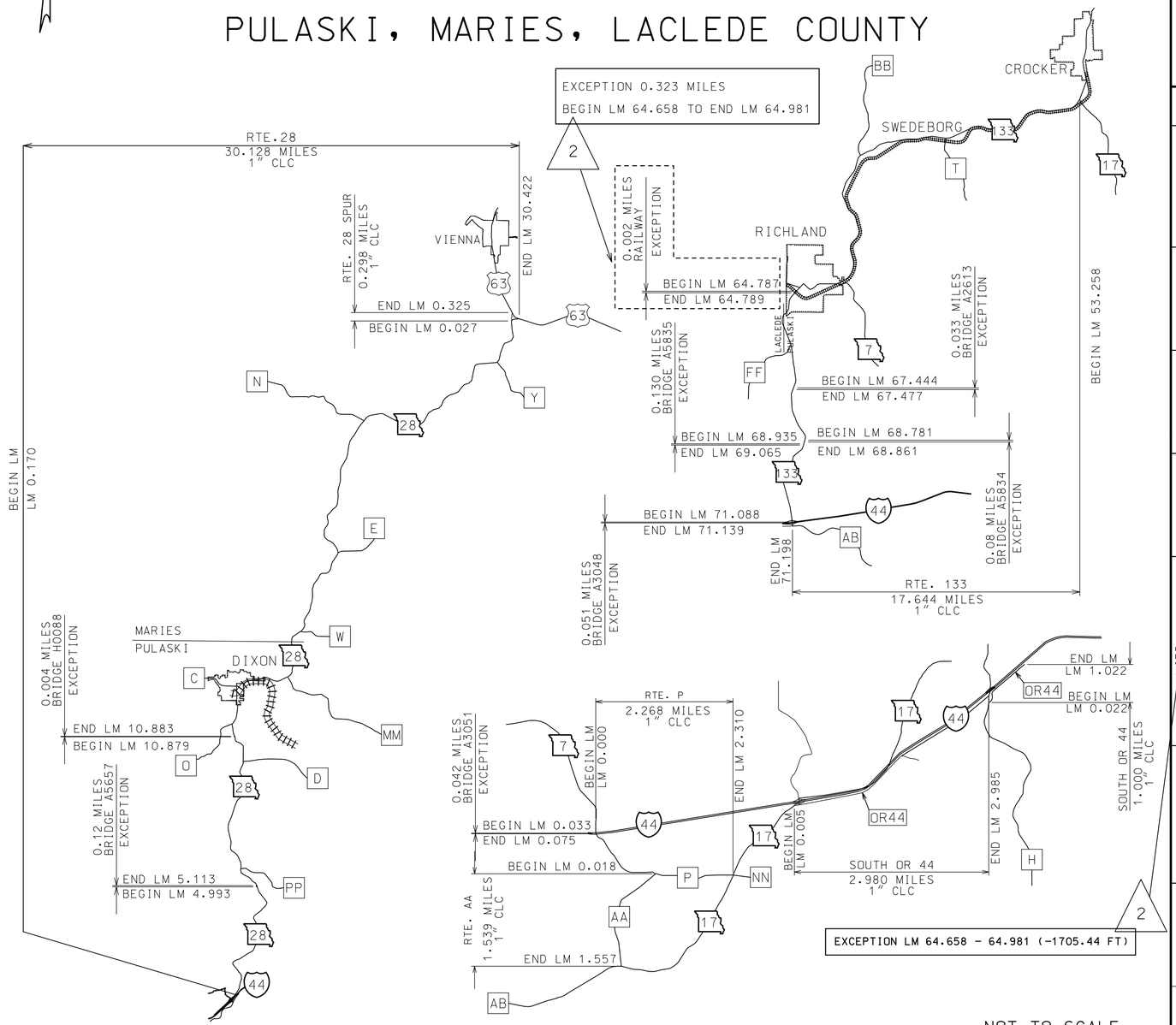
SOUTH OR44 (RTE H TO SME)
A.A.D.T. - 2024 = 527
V = 35 M.P.H.
FUNCTIONAL CLASSIFICATION - LOCAL

ROUTE 133
A.A.D.T. - 2024 = 3533
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

ROUTE 28
A.A.D.T. - 2024 = 2593
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

ROUTE SPUR 28
A.A.D.T. - 2024 = 564
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW R/W REQUIRED



KEY MAP
LOCATION OF
PULASKI, MARIES, LACLEDE
COUNTY

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.

2 REVISED

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (3 SHEETS)	2
QUANTITIES (QU) (6 SHEETS)	3
SPECIAL SHEET (SS)	4-22
TRAFFIC CONTROL SHEETS (TC)	23-27

LENGTH OF PROJECT

ROUTE P
BEGINNING OF PROJECT 0.000 LOG MILE
END OF PROJECT 2.310 LOG MILE
APPARENT LENGTH 2.310 MILES
EQUATIONS AND EXCEPTIONS:
BRIDGE A3051 LM 0.033 - LM 0.075 (-221.76 FT)

ROUTE AA
BEGINNING OF PROJECT 0.018 LOG MILE
END OF PROJECT 1.557 LOG MILE
APPARENT LENGTH 1.539 MILES
EQUATIONS AND EXCEPTIONS: NONE

SOUTH ROUTE OR44 (RTE 17 to RTE H)
BEGINNING OF PROJECT 0.005 LOG MILE
END OF PROJECT 2.985 LOG MILE
APPARENT LENGTH 2.980 MILES
EQUATIONS AND EXCEPTIONS: NONE

SOUTH ROUTE OR44 (RTE H to SME.)
BEGINNING OF PROJECT 0.022 LOG MILE
END OF PROJECT 1.022 LOG MILE
APPARENT LENGTH 1.000 MILES
EQUATIONS AND EXCEPTIONS: NONE

ROUTE 133
BEGINNING OF PROJECT 53.258 LOG MILE
END OF PROJECT 71.198 LOG MILE
APPARENT LENGTH 17.940 MILES
EQUATIONS AND EXCEPTIONS:
RAILROAD CROSSING LM. 64.787 - 64.789 (-10 FT)
BRIDGE A2613 LM 67.444 - LM 67.477 (-174.24 FT)
BRIDGE A5834 LM 68.781 - LM 68.861 (-422.40 FT)
BRIDGE A5835 LM 68.935 - LM 69.065 (-686.40 FT)
BRIDGE A3048 LM 71.088 - LM 71.139 (-269.28 FT)

ROUTE 28
BEGINNING OF PROJECT 0.170 LOG MILE
END OF PROJECT 30.422 LOG MILE
APPARENT LENGTH 30.252 MILES
EQUATIONS AND EXCEPTIONS:
BRIDGE A5657 LM 4.993 - LM 5.113 (-633.60 FT)
BRIDGE H0088 LM 10.879 - LM 10.883 (-21.12 FT)

ROUTE SPUR 28
BEGINNING OF PROJECT 0.027 LOG MILE
END OF PROJECT 0.325 LOG MILE
APPARENT LENGTH 0.298 MILES
EQUATIONS AND EXCEPTIONS: NONE

	-4134.24	FEET
	293230.08	FEET
	55.536	MILES
TOTAL CORRECTIONS	-2439.36	FEET
NET LENGTH OF PROJECT	294924.96	FEET
STATE LENGTH	55.857	MILES
ESTIMATED DISTURBED ACRES (FOR INFORMATION ONLY)	0.000	ACRES

2

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 7:36:58 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

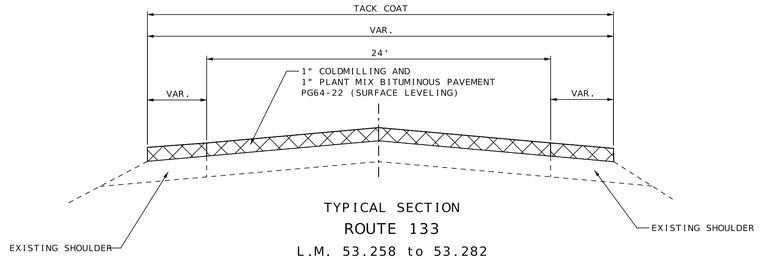
DATE PREPARED 10/9/2025

ROUTE	STATE
VARIOUS	MO
DISTRICT	SHEET NO.
CD	1

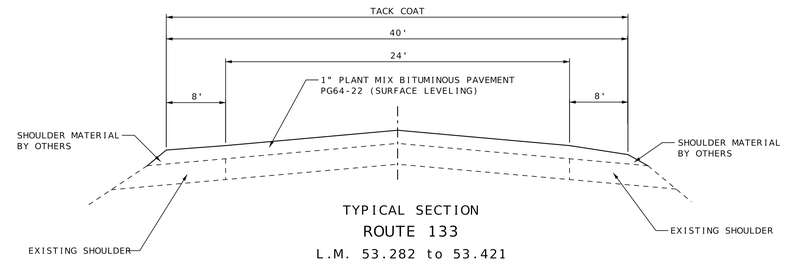
COUNTY VARIOUS
JOB NO. JCD0247
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

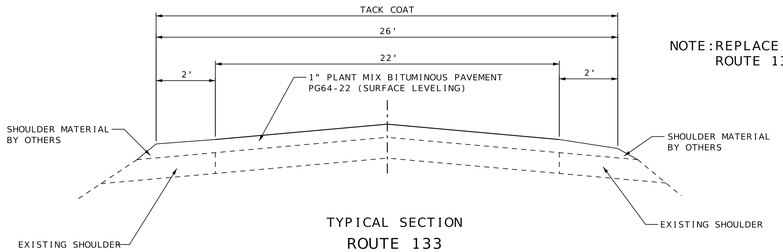
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



TYPICAL SECTION
ROUTE 133
L.M. 53.258 to 53.282

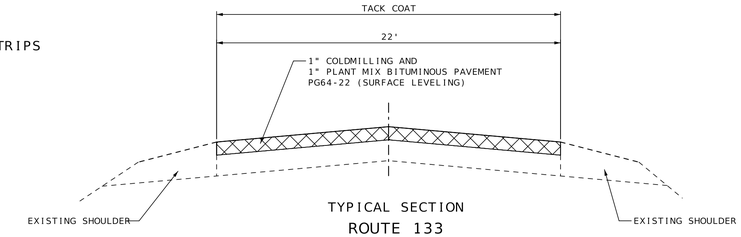


TYPICAL SECTION
ROUTE 133
L.M. 53.282 to 53.421

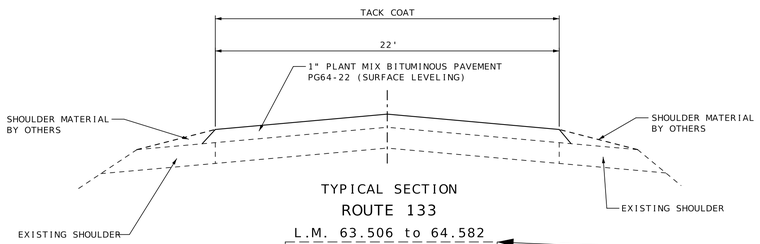


TYPICAL SECTION
ROUTE 133
L.M. 53.421 to 63.466

NOTE:REPLACE CENTERLINE AND SHOULDER RUMBLE STRIPS
ROUTE 133 LM:53.306 TO LM: 63.481



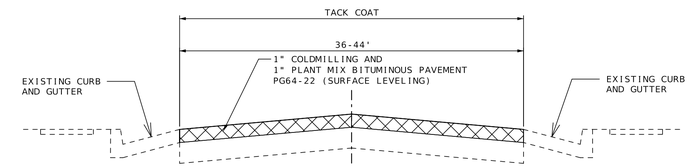
TYPICAL SECTION
ROUTE 133
L.M. 63.466 to 63.506 VARIES



TYPICAL SECTION
ROUTE 133
L.M. 63.506 to 64.582
L.M. 64.915 to 68.001
L.M. 69.997 to 70.980
L.M. 70.980 to 71.034 VARIES

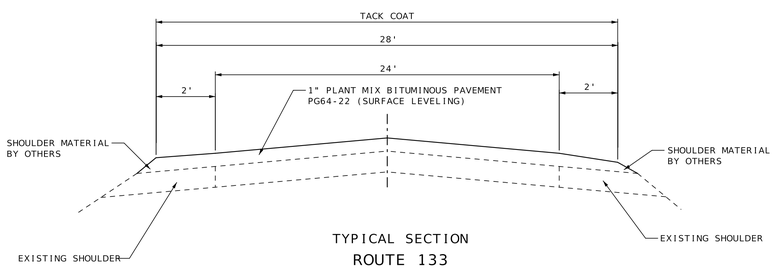
2 REVISED
L.M. 64.981 to 68.001

BRIDGE EXCEPTIONS - ROUTE 133
BRIDGE: A2613
L.M. 67.444 to 67.477



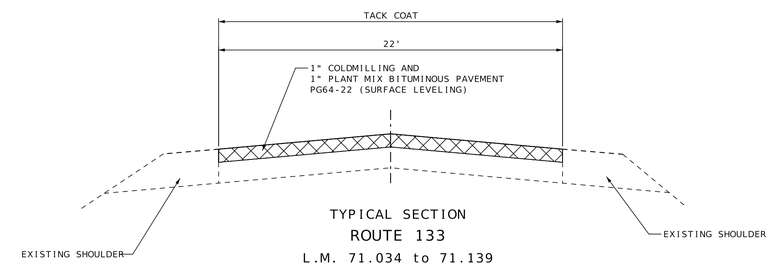
TYPICAL SECTION
ROUTE 133
L.M. 64.582 to 64.915
RAILROAD EXCEPTION
L.M. 64.787 to 64.789

2 REVISED
L.M. 64.582 to 64.658



TYPICAL SECTION
ROUTE 133
L.M. 68.001 to 69.997

BRIDGE EXCEPTIONS - ROUTE 133
BRIDGE: A5834
L.M. 68.781 to 68.861
BRIDGE: A5835
L.M. 68.935 to 69.065



TYPICAL SECTION
ROUTE 133
L.M. 71.034 to 71.139
L.M. 71.139 to 71.198 VARIES

BRIDGE EXCEPTIONS - ROUTE 133
BRIDGE: A3048
L.M. 71.088 to 71.139

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD³
TACK COAT	0.08 GAL/YD²
TACK COAT (MILL/FILL)	0.10 GAL/YD²

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

2 REVISED

TYPICAL SECTION
SHEET 2 OF 3

STATE OF MISSOURI
MARIA K. PETERS
NUMBER
PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 8:06:13 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED
10/9/2025

ROUTE	STATE
133	MO
DISTRICT	SHEET NO.
CD	2

COUNTY
VARIOUS

JOB NO.
JCD0247

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)

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) - RTE P

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
0.000	0.033	ROUTE P	174.24	24	4181.76	25.6	46.5	1" MILL AND FILL
0.033	0.075	ROUTE P						BRIDGE EXCEPTION: A3051
0.075	0.118	ROUTE P	227.04	24	5448.96	33.4	60.5	1" MILL AND FILL
0.118	0.165	ROUTE P	248.16	VARIES	12769.01	78.3	113.5	
0.165	1.175	ROUTE P	5332.80	22	117321.60	719.5	1042.9	
1.175	1.196	ROUTE P	110.88	VARIES	8144.48	49.9	90.5	ROUTE AA INTERSECTION 1" MILL AND FILL
1.196	2.285	ROUTE P	5749.92	22	126498.24	775.8	1124.4	
2.285	2.310	ROUTE P	132.00	VARIES	4283.68	26.3	38.1	ROUTE 17 INTERSECTION
0.000	2.310	ROUTE P	202.00	2	404.00	2.5	3.6	PRIVATE ENTRACES AND COUNTY ROADS
						171.13		10% FOR IRREGULARITIES
		TOTAL				1882.43	2520.00	
		USE				1882.4	2520	

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) - RTE AA

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
0.018	1.542	ROUTE AA	8046.72	20	160934.40	987.0	1430.5	
1.542	1.557	ROUTE AA	VARIES	VARIES	1895.09	11.6	16.8	ROUTE AB INTERSECTION
0.018	1.557	ROUTE AA	390.00	2	780.00	4.8	6.9	PRIVATE ENTRACES AND COUNTY ROADS
						200.680		20% FOR IRREGULARITIES
		TOTAL				1204.08	1454.20	
		USE				1204.1	1454	

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) - SOUTH OR 44 (RTE 17 to RTE H)

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
0.005	0.040	ROUTE OR 44	184.80	VARIES	7194.77	44.1	64.0	ROUTE 17 INTERSECTION
0.040	2.985	ROUTE OR 44	15549.60	22	342091.20	2097.9	3040.8	
0.005	2.985	OR 44 (RTE 17 to RTE H)	369.00	2	738.00	4.5	6.6	PRIVATE ENTRACES AND COUNTY ROADS
						420.48		20% FOR IRREGULARITIES
		TOTAL				2522.88	3047.40	
		USE				2522.9	3047	

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) -SOUTH OR44 (RTE H to SME.)

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
0.022	0.062	ROUTE OR 44	211.20	VARIES	7451.34	45.7	66.2	ROUTE 17 INTERSECTION
0.062	1.022	ROUTE OR 44	5068.80	22	111513.60	683.9	991.2	
0.022	1.022	OR44 (RTE H to SME.)	549.00	2	1098.00	6.7	9.8	PRIVATE ENTRACES AND COUNTY ROADS
						147.26		20% FOR IRREGULARITIES
		TOTAL				883.56	1067.20	
		USE				883.6	1067	

GRAVEL (A) OR CRUSHED STONE (B)

LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS
0.000	2.310	ROUTE P	116
0.018	1.557	ROUTE AA	112
0.005	2.985	OR44 (RTE 17 to RTE H)	120
0.022	1.022	OR44 (RTE H to SME.)	12
53.258	71.198	ROUTE 133	490
0.170	30.422	ROUTE 28	1650
0.027	0.325	ROUTE 28 SPUR	20
		TOTAL	2520.0
		USE	2520

LOOP DETECTORS

LOG MILE	LOCATION	6' x 30' LOOP DETECTOR	REMARKS
~~177.700~~	~~ROUTE 7~~	~~2~~	~~ROUTE 133 INTERSECTION~~
64.618	ROUTE 133	2	ROUTE 7 INTERSECTION
64.634	ROUTE 133	1	ROUTE 7 INTERSECTION
			PLACE AT EXIST. LOCATIONS
	TOTAL	3.0	
	USE	3	

2 REVISED

MOBILIZATION
TOTAL = 1 LUMP SUM

ITEM NO.	TYPE	DESCRIPTION
604-99.02	EACH	MISC. ADJUSTING INLET

PATCHING COLD MIX

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	REMOVAL OF DAMAGED PAVEMENT SQ. YD.	REPLACEMENT OF DAMAGED PAVEMENT TONS
0.000	2.310	ROUTE P	2.310	180	60
0.018	1.557	ROUTE AA	1.557	160	50
0.005	2.985	S OR 44 (1)	2.985	300	90
0.022	1.022	S OR 44 (2)	1.022	100	30
53.258	71.198	ROUTE 133	71.198	350	110
0.170	30.422	ROUTE 28	30.422	590	180
			TOTAL	1680	520

2 REVISED

SUMMARY OF QUANTITIES

SHEET 1 OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 7:41:16 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025

ROUTE VAR. | STATE MO

DISTRICT CD | SHEET NO. 3

COUNTY VAR.

JOB NO. JCD0247

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)

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) - RTE 133

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
53.258	53.282	ROUTE 133	126.72	VARIES	8049.58	49.4	89.4	ROUTE 17 INTERSECTION 1" MILL AND FILL
53.282	53.421	ROUTE 133	733.92	40	29356.80	180.0	260.9	
53.421	63.466	ROUTE 133	53037.60	26	1378977.60	8456.9	12257.6	
63.466	63.506	ROUTE 133	VARIES	VARIES	11091.04	68.0	123.2	ROUTE 7 INTERSECTION 1" MILL AND FILL
63.506	64.582	ROUTE 133	5681.28	22	124988.16	766.5	1111.0	
64.582	64.633	ROUTE 133	269.28	36	9694.08	59.5	107.7	1" MILL AND FILL
64.633	64.658	ROUTE 133	132.00	44	5808.00	35.6	64.5	1" MILL AND FILL
64.658	64.981	ROUTE 133						EXCEPTION: PREVIOUSLY RESURFACED
64.981	67.444	ROUTE 133	13004.64	22	286102.08	1754.6	2543.1	
67.444	67.477	ROUTE 133						EXCEPTION : BRIDGE A2613
67.477	68.001	ROUTE 133	2766.72	22	60867.84	373.3	541.0	
68.001	68.781	ROUTE 133	4118.40	28	115315.20	707.2	1025.0	
68.781	68.861	ROUTE 133						EXCEPTION : BRIDGE A5834
68.861	68.935	ROUTE 133	390.72	28	10940.16	67.1	97.2	
68.935	69.065	ROUTE 133						EXCEPTION : BRIDGE A5835
69.065	69.997	ROUTE 133	4920.96	28	137786.88	845.0	1224.8	
69.997	70.980	ROUTE 133	5190.24	22	114185.28	700.3	1015.0	
70.980	71.034	ROUTE 133	285.12	VARIES	12381.50	75.9	110.1	
71.034	71.088	ROUTE 133	285.12	22	6272.64	38.5	69.7	1" MILL AND FILL
71.088	71.139	ROUTE 133						EXCEPTION : BRIDGE A3048
71.139	71.198	ROUTE 133	311.52	VARIES	10358.89	63.5	115.1	ROUTE AB INTERSECTION 1" MILL AND FILL
57.199	57.216	ROUTE 133	VARIES	VARIES	3685.99	22.6	32.8	ROUTE T INTERSECTION
59.556	59.573	ROUTE 133	VARIES	VARIES	3456.97	21.2	30.7	ROUTE BB INTERSECTION
64.622	64.633	ROUTE 133	VARIES	VARIES	904.11	5.5	10.0	ROUTE 7 INTERSECTION 1" MILL AND FILL
64.622	64.633	ROUTE 133	VARIES	VARIES	907.91	5.6	10.1	EAST WASHINGTON AVE. INTERSECTION 1" MILL AND FILL
65.922	65.943	ROUTE 133	VARIES	VARIES	5779.01	35.4	51.4	ROUTE FF INTERSECTION
53.258	71.198	ROUTE 133	4496.00	2	8992.00	55.1	79.9	PRIVATE ENTRACES AND COUNTY ROADS
						2877.34		20% FOR IRREGULARITIES
		TOTAL				17264.04	20970.20	
		USE				17264.0	20970	

2 REVISED

2 REVISED

BITUMINOUS PAVEMENT MIXTURE PG 64-22. (SURFACE LEVELING) - RTE 28

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	QUANTITY TONS	TACK COAT GAL	REMARKS
0.170	4.674	ROUTE 28	23781.12	30	713433.60	4375.3	6341.6	
4.674	4.993	ROUTE 28	1684.32	40	67372.80	413.2	598.9	
4.993	5.113	ROUTE 28						EXCEPTION: BRIDGE: A5657
5.113	5.351	ROUTE 28	1256.64	40	50265.60	308.3	446.8	
5.351	10.879	ROUTE 28	29187.84	30	875635.20	5370.0	7783.4	
10.879	10.883	ROUTE 28						EXCEPTION: BRIDGE: H0088
10.883	12.294	ROUTE 28	7450.08	30	223502.40	1370.7	1986.7	
12.294	12.712	ROUTE 28	2207.04	22	48554.88	297.8	431.6	
12.712	12.750	ROUTE 28	200.64	22	4414.08	27.1	49.0	1" MILL AND FILL
12.750	30.063	ROUTE 28	91412.64	22	2011078.08	12333.4	17876.2	
30.063	30.111	ROUTE 28	253.44	VARIES	12066.17	74.0	107.3	ROUTE 28 SPUR INTERSECTION
30.111	30.396	ROUTE 28	1504.80	22	33105.60	203.0	294.3	
0.027	0.294	SPUR 28	1409.76	20	28195.20	172.9	250.6	
0.294	0.325	SPUR 28	163.68	VARIES	7368.25	45.2	81.9	ROUTE 63 INTERSECTION
6.022	6.041	ROUTE 28	100.32	30	2380.46	14.6	21.2	ROUTE PP INTERSECTION
10.099	10.130	ROUTE 28	163.68	30	1170.82	7.2	10.4	ROUTE D INTERSECTION
11.580	11.596	ROUTE 28	84.48	30	1005.12	6.2	8.9	ROUTE O INTERSECTION
12.946	12.961	ROUTE 28	79.20	22	4405.61	27.0	39.2	ROUTE C INTERSECTION
15.012	15.028	ROUTE 28	84.48	22	2592.42	15.9	23.0	ROUTE MM INTERSECTION
16.692	16.710	ROUTE 28	95.04	22	2932.94	18.0	26.1	ROUTE W INTERSECTION
19.434	19.452	ROUTE 28	95.04	22	3405.31	20.9	30.3	ROUTE E INTERSECTION
23.797	23.817	ROUTE 28	105.60	22	3881.08	23.8	34.5	ROUTE N INTERSECTION
28.726	28.746	ROUTE 28	105.60	22	1335.44	8.2	11.9	ROUTE Y INTERSECTION
30.396	30.422	ROUTE 28	137.28	22	7041.42	43.2	62.6	ROUTE 63 INTERSECTION
0.170	30.422	ROUTE 28	5834.00	2	11668.00	71.6	103.7	PRIVATE ENTRACES AND COUNTY ROADS
						5049.50		20% FOR IRREGULARITIES
		TOTAL				30297.00	36620.10	
		USE				30297.0	36620	

2 REVISED

SUMMARY OF QUANTITIES
SHEET 2 OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 7:41:51 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED	
10/9/2025	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 3
COUNTY VAR.	
JOB NO. JCD0247	
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)

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

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	COLDMILLING SQYD	REMARKS
0.000	0.033	ROUTE P	174.24	24	464.64	BEGIN PROJECT TO BRIDGE A3051
0.075	0.118	ROUTE P	227.04	24	605.44	BRIDGE A3051 TO SOUTH OF I-44 EB RAMPS
1.175	1.196	ROUTE P	110.88	VARIES	904.94	INTERSECTION ROUTE P AND AA
53.258	53.280	ROUTE 133	116.16	VARIES	846.78	INTERSECTION ROUTE 133 AND ROUTE 17
63.466	63.506	ROUTE 133	211.20	VARIES	1232.34	INTERSECTION ROUTE 133 AND ROUTE 7
64.582	64.633	ROUTE 133	269.28	36	1077.12	BEGIN COLDMILLING WHEN ROAD WIDENS TO 36 FT
177.700	177.713	ROUTE 7	68.64	36	321.96	INTERSECTION ROUTE 133 AND ROUTE 7
0.410	0.414	EAST WASHINGTON AVE.	21.12	36	100.88	INTERSECTION ROUTE 133 AND EAST WASHINGTON AVE.
64.633	64.787	ROUTE 133	813.12	44	3975.25	
64.787	64.789	ROUTE 133				EXCEPTION: BNSF RAILROAD
64.789	64.915	ROUTE 133	665.28	44	3252.48	
71.034	71.088	ROUTE 133	285.12	24	760.32	
71.139	71.198	ROUTE 133	311.52	24	1150.99	
12.712	12.750	ROUTE 28	200.64	24	430.35	UNDER BSNF RAILWAY
0.170	30.422	ROUTE 28	VARIES	VARIES	490.45	MISC. LOCATIONS NEAR CONCRETE ENTRANCES, AS DETERMINED BY ENGINEER
0.294	0.325	ROUTE 28 SPUR	163.68	VARIES	818.69	INTERSECTION ROUTE 28 SPUR AND ROUTE 63
			TOTAL		16432.6	
			USE		16433	

LUMP SUM TRAFFIC CONTROL

	TOTAL	REMARKS
CONST. SIGNS SUB TOTAL 1	2110.00	RTE. 28
CONST. SIGNS SUB TOTAL 2	2305.00	RTE. 133
CONST. SIGNS SUB TOTAL 3	1176.00	S OR 44
CONST. SIGNS SUB TOTAL 4	905.00	RTE. P & AA
CHANNELIZERS	210.00	
TOTAL	1 LUMP SUM	

ADDITIONAL CONSTRUCTION ITEMS

ITEM NO.	QTY.	REMARKS
616-1099*	4	CHANGEABLE MESSAGE SIGNS*

*NOT INCLUDED IN LUMP SUM TRAFFIC CONTROL QUANTITIES

NOTES:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

ALL TRAFFIC CONTROL IS INCLUDED IN PAY ITEM 616-99.01, LUMP SUM TRAFFIC CONTROL UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.

THE ESTIMATED QUANTITIES SHOWN FOR TEMPORARY TRAFFIC CONTROL ITEMS ASSUME THAT WORK MAY BE DONE ON ALL ROUTES AT THE SAME TIME.

CONSTRUCTION SIGNING RTE. P & AA

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	2	32	36	UNEVEN LANES
WO8-12	48X48	16	8	128	35	NO CENTER LINE
WO20-1	48X48	16	12	192	2	ROAD WORK AHEAD
WO20-4	48X48	16	12	192	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	12	192	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 2 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	2	9	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	7	61.25	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	3	26.25	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	3	36	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 4				905.00		

CONSTRUCTION SIGNING RTE. 133

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	10	160	36	UNEVEN LANES
WO8-12	48X48	16	20	320	35	NO CENTER LINE
WO20-1	48X48	16	32	512	2	ROAD WORK AHEAD
WO20-4	48X48	16	32	512	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	32	512	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 18 MILES
GO20-2	48X24	8	6	48	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	20	175	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	2	17.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 2				2305.00		

CONSTRUCTION SIGNING SOUTH OUTER ROAD

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	10	160	36	UNEVEN LANES
WO8-12	48X48	16	2	32	35	NO CENTER LINE
WO20-1	48X48	16	16	256	2	ROAD WORK AHEAD
WO20-4	48X48	16	16	256	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	16	256	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 4 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	2	9	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	10	87.5	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	4	35	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	4	48	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 3				1176.00		

CONSTRUCTION SIGNING RTE. 28

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	12	192	36	UNEVEN LANES
WO8-12	48X48	16	16	256	35	NO CENTER LINE
WO20-1	48X48	16	30	480	2	ROAD WORK AHEAD
WO20-4	48X48	16	30	480	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	30	480	8	FLAGGER (SYMBOL, WITH FLAGS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 30 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	16	140	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	2	17.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 1				2110.00		

2 SHEET DELETED

SUMMARY OF QUANTITIES
SHEET 3 OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 8:08:12 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	3

COUNTY VAR.

JOB NO. JCD0247

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)

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

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	COLDMILLING SQYD	REMARKS
0.000	0.033	ROUTE P	174.24	24	464.64	BEGIN PROJECT TO BRIDGE A3051
0.075	0.118	ROUTE P	227.04	24	605.44	BRIDGE A3051 TO SOUTH OF I-44 EB RAMPS
1.175	1.196	ROUTE P	110.88	VARIES	904.94	INTERSECTION ROUTE P AND AA
53.258	53.280	ROUTE 133	116.16	VARIES	846.78	INTERSECTION ROUTE 133 AND ROUTE 17
63.466	63.506	ROUTE 133	211.20	VARIES	1232.34	INTERSECTION ROUTE 133 AND ROUTE 7
64.582	64.633	ROUTE 133	269.28	36	1077.12	BEGIN COLDMILLING WHEN ROAD WIDENS TO 36 FT
177.700	177.704	ROUTE 7	21.12	36	100.46	INTERSECTION ROUTE 133 AND ROUTE 7
0.410	0.414	EAST WASHINGTON AVE.	21.12	36	100.88	INTERSECTION ROUTE 133 AND EAST WASHINGTON AVE.
64.633	64.658	ROUTE 133	132.00	44	645.33	
71.034	71.088	ROUTE 133	285.12	24	760.32	
71.139	71.198	ROUTE 133	311.52	24	1150.99	
12.712	12.750	ROUTE 28	200.64	24	430.35	UNDER BSNF RAILWAY
0.170	30.422	ROUTE 28	VARIES	VARIES	490.45	MISC. LOCATIONS NEAR CONCRETE ENTRANCES, AS DETERMINED BY ENGINEER
0.294	0.325	ROUTE 28 SPUR	163.68	VARIES	818.69	INTERSECTION ROUTE 28 SPUR AND ROUTE 63
			TOTAL		9628.7	
			USE		9629	

LUMP SUM TRAFFIC CONTROL

	TOTAL	REMARKS
CONST. SIGNS SUB TOTAL 1	4510.00	RTE. 28
CONST. SIGNS SUB TOTAL 2	3873.00	RTE. 133
CONST. SIGNS SUB TOTAL 3	1176.00	S OR 44
CONST. SIGNS SUB TOTAL 4	1589.00	RTE. P & AA
CHANNELIZERS	210.00	
TOTAL	1 LUMP SUM	

ADDITIONAL CONSTRUCTION ITEMS

ITEM NO.	QTY.	REMARKS
616-1099 *	6	CHANGEABLE MESSAGE SIGNS *

*NOT INCLUDED IN LUMP SUM TRAFFIC CONTROL QUANTITIES

NOTES:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.

ALL TRAFFIC CONTROL IS INCLUDED IN PAY ITEM 616-99.01, LUMP SUM TRAFFIC CONTROL UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED UPON FIELD CONDITIONS.

THE ESTIMATED QUANTITIES SHOWN FOR TEMPORARY TRAFFIC CONTROL ITEMS ASSUME THAT WORK MAY BE DONE ON ALL ROUTES AT THE SAME TIME.

CONSTRUCTION SIGNING RTE. P & AA

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	8	128	36	UNEVEN LANES
WO8-12	48X48	16	14	224	35	NO CENTER LINE
WO20-1	48X48	16	22	352	2	ROAD WORK AHEAD
WO20-4	48X48	16	22	352	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	22	352	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 2 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	2	9	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	7	61.25	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	3	26.25	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	4	48	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 4				1589.00		

CONSTRUCTION SIGNING RTE. 133

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	26	416	36	UNEVEN LANES
WO8-12	48X48	16	42	672	35	NO CENTER LINE
WO20-1	48X48	16	52	832	2	ROAD WORK AHEAD
WO20-4	48X48	16	52	832	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	52	832	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 18 MILES
GO20-2	48X24	8	6	48	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	20	175	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	2	17.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 2				3873.00		

CONSTRUCTION SIGNING SOUTH OUTER ROAD

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	8	128	36	UNEVEN LANES
WO8-12	48X48	16	4	64	35	NO CENTER LINE
WO20-1	48X48	16	16	256	2	ROAD WORK AHEAD
WO20-4	48X48	16	16	256	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	16	256	8	FLAGGER (SYMBOL)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 4 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	2	9	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	10	87.5	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	4	35	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	4	48	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 3				1176.00		

CONSTRUCTION SIGNING RTE. 28

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	36	576	36	UNEVEN LANES
WO8-12	48X48	16	64	1024	35	NO CENTER LINE
WO20-1	48X48	16	56	896	2	ROAD WORK AHEAD
WO20-4	48X48	16	56	896	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	56	896	8	FLAGGER (SYMBOL, WITH FLAGS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 30 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	16	140	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	42X30	8.75	2	17.5	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS SUB TOTAL 1				4510.00		

2 SHEET ADDED

SUMMARY OF QUANTITIES
SHEET 3A OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 8:01:12 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025
ROUTE VAR. STATE MO
DISTRICT CD SHEET NO. 3
COUNTY VAR.
JOB NO. JCD0247
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)

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	MODIFIED COLDMILLING (DEPTH TRANSITIONS) SQYD	REMARKS
ROUTE P						
0.118	0.120	ROUTE P	10	VARIES	59.48	INTERSECTION ROUTE P AND I-44 OVERPASS
0.142	0.165	ROUTE P RT	10	VARIES	93.39	MODIFIED COLDMILLING OUTER ROAD 44
0.153	0.165	ROUTE P LT	10	VARIES	52.68	MODIFIED COLDMILLING OUTER ROAD 44
1.170	1.175	ROUTE P	25	22	61.11	INTERSECTION ROUTE P AND ROUTE AA
1.196	1.201	ROUTE P	25	22	61.11	INTERSECTION ROUTE P AND ROUTE AA
2.308	2.310	ROUTE P	10	VARIES	133.35	INTERSECTION ROUTE P AND ROUTE 17
ROUTE AA						
0.018	0.023	ROUTE AA	25	VARIES	55.55	INTERSECTION ROUTE AA AND ROUTE P
1.555	1.557	ROUTE AA	10	VARIES	78.84	INTERSECTION ROUTE AA AND ROUTE AB
OR 44 (RTE 17 to RTE H)						
0.005	0.007	OR 44 (RTE 17 to RTE H)	10	VARIES	48.41	INTERSECTION ROUTE OR 44 AND ROUTE 17
2.983	2.985	OR 44 (RTE 17 to RTE H)	10	VARIES	24.63	INTERSECTION OR 44 AND ROUTE H
OR44 (RTE H to SME.)						
0.022	0.024	OR44 (RTE H to SME.)	10	VARIES	58.91	INTERSECTION OR 44 AND ROUTE H
ROUTE 133						
53.280	53.282	ROUTE 133	10	VARIES	47.62	INTERSECTION ROUTE 133 AND ROUTE 17
0.010	0.012	ROUTE T	10	VARIES	23.99	INTERSECTION ROUTE 133 AND ROUTE T
5.735	5.737	ROUTE BB	10	VARIES	27.79	INTERSECTION ROUTE 133 AND ROUTE BB
63.464	63.466	ROUTE 133	10	VARIES	29.84	INTERSECTION ROUTE 133 AND ROUTE 7
63.506	63.511	ROUTE 133	25	VARIES	70.55	INTERSECTION ROUTE 133 AND ROUTE 7
64.580	64.582	ROUTE 133	10	22	24.44	TRANSITION TO MILL AND FILL SECTION
64.981	64.983	ROUTE 133	10	22	24.44	TRANSITION TO SURFACE LEVELING
7.214	7.216	ROUTE FF	10	VARIES	26.23	INTERSECTION ROUTE 133 AND ROUTE FF
67.439	67.444	ROUTE 133	25	22	61.11	BRIDGE: A2613
67.477	67.482	ROUTE 133	25	22	61.11	BRIDGE: A2613
68.776	68.781	ROUTE 133	25	24	66.67	BRIDGE: A5834
68.861	68.866	ROUTE 133	25	24	66.67	BRIDGE: A5834
68.930	68.935	ROUTE 133	25	24	66.67	BRIDGE: A5835
69.065	69.070	ROUTE 133	25	24	66.67	BRIDGE: A5835
2.294	2.296	OR 44	10	VARIES	21.55	INTERSECTION ROUTE 133 AND I-44 OUTER ROAD
0.008	0.010	OR 44	10	VARIES	42.51	INTERSECTION ROUTE 133 AND I-44 OUTER ROAD
71.036	71.038	ROUTE 133	10	VARIES	65.24	INTERSECTION ROUTE 133 AND I-44
53.258	71.198	ROUTE 133	VARIES	VARIES	420.00	MISC. LOCATIONS NEAR CONCRETE ENTRANCES, AS DETERMINED BY ENGINEER
ROUTE 28						
0.170	0.175	ROUTE 28	25	VARIES	65.26	BEGIN PROJECT
0.005	0.007	ROUTE PP	10	VARIES	26.00	INTERSECTION ROUTE 28 AND ROUTE PP
0.002	0.004	ROUTE D	10	VARIES	130.09	INTERSECTION ROUTE 28 AND ROUTE D
0.009	0.007	ROUTE O	10	VARIES	111.68	INTERSECTION ROUTE 28 AND ROUTE O
12.707	12.712	ROUTE 28	25	VARIES	60.25	TRANSITION TO COLDMILLING
12.750	12.755	ROUTE 28	25	VARIES	55.76	
1.603	1.605	ROUTE C	10	VARIES	40.32	INTERSECTION ROUTE 28 AND ROUTE C
0.009	0.011	ROUTE MM	10	VARIES	32.10	INTERSECTION ROUTE 28 AND ROUTE MM
0.011	0.013	ROUTE W	10	VARIES	26.04	INTERSECTION ROUTE 28 AND ROUTE W
0.010	0.012	ROUTE E	10	VARIES	26.04	INTERSECTION ROUTE 28 AND ROUTE E
4.568	4.570	ROUTE N	10	VARIES	25.53	INTERSECTION ROUTE 28 AND ROUTE N
0.002	0.004	ROUTE Y	10	VARIES	148.38	INTERSECTION ROUTE 28 AND ROUTE Y
30.396	30.422	ROUTE 28	10	VARIES	260.47	INTERSECTION ROUTE 28 AND ROUTE 63
0.170	30.422	ROUTE 28	VARIES	VARIES	270.00	MISC. LOCATIONS NEAR CONCRETE ENTRANCES, AS DETERMINED BY ENGINEER
SPUR 28						
0.292	0.294	SPUR 28	10	20	26.05	INTERSECTION ROUTE 63
				TOTAL	3244.5	
				USE	3245	

2 REVISED

2 REVISED

SUMMARY OF QUANTITIES

SHEET 4 OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER

Maria Peters
10/09/2025 7:59:56 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025

ROUTE VAR. | STATE MO

DISTRICT CD | SHEET NO. 3

COUNTY VAR.

JOB NO. JCD0247

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)

PAVEMENT MARKING

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	CLASS 1 MARK. PAINT 18-MIL, TYPE P BEADS: 4" SOLID YELLOW (FT)	4" SOLID WHITE (FT)	24" SOLID WHITE (FT)	THERMOPLASTIC PAVEMENT MARKINGS: RAILROAD CROSSING (EACH)	LEFT / RIGHT TURN ARROW (EACH)	STRAIGHT / RIGHT TURN ARROW (EACH)	24" WHITE STOP BAR (FT)	24" WHITE CROSSWALK BARS (FT)	REMARKS
0.000	0.009	ROUTE P	48	96.0								MATCH EXISTING
0.009	0.098	ROUTE P	470	940.0	940.0							MATCH EXISTING
0.098	0.116	ROUTE P	95	190.0								MATCH EXISTING
0.116	0.141	ROUTE P	132	264.0	264.0							MATCH EXISTING
0.141	2.310	ROUTE P	11452	22904.0								MATCH EXISTING
0.018	1.557	ROUTE AA	8126	16252.0								MATCH EXISTING
0.005	2.985	ROUTE OR 44 (RTE 17 TO RTE H)	15734	31468.0								MATCH EXISTING
0.022	1.004	ROUTE OR 44 (RTE H TO SME.)	5185	10370.0								MATCH EXISTING
0.021	0.021	ROUTE OR 44 (RTE H TO SME.)						1.0		11.0		MATCH EXISTING
0.011	0.011	ROUTE OR 44 (RTE H TO SME.)								11.0		MATCH EXISTING
0.012	0.025	ROUTE OR 44 (RTE H TO SME.)				50.0						REFER TO EPG FIGURE 620.2.23 TYPICAL HASH BAR MARKINGS - HASH BARS ON RIGHT
53.258	53.279	ROUTE 133	111	222.0								MATCH EXISTING
53.279	63.482	ROUTE 133	53872	107744.0	107744.0							MATCH EXISTING
63.482	63.546	ROUTE 133	338	676.0	676.0							MATCH EXISTING
63.546	63.546	ROUTE 133					1.0					MATCH EXISTING
63.546	64.602	ROUTE 133	5576	11152.0	11152.0							MATCH EXISTING
64.602	64.604	ROUTE 133	11	22.0	33.0							MATCH EXISTING
64.604	64.604	ROUTE 133						1.0				MATCH EXISTING
64.604	64.623	ROUTE 133	100	200.0	200.0							MATCH EXISTING
64.623	64.623	ROUTE 133								24.0	54.0	SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.623	64.633	ROUTE 133	53								42.0	INTERSECTION: EAST WASHINGTON AVE. SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.623	64.633	ROUTE 133	53					1.0	1.0	24.0	54.0	INTERSECTION: ROUTE 7, SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.633	64.633	ROUTE 133								12.0	54.0	SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.633	64.764	ROUTE 133	692	1384.0								MATCH EXISTING
64.765	64.765	ROUTE 133									54.0	INTERSECTION: McCLURG ST, SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.765	64.772	ROUTE 133	37	74.0								MATCH EXISTING
64.772	64.774	ROUTE 133	11	22.0			1.0					MATCH EXISTING
64.774	64.787	ROUTE 133	69	138.0								MATCH EXISTING
64.787	64.787	ROUTE 133								18.0		MATCH EXISTING
64.787	64.789	ROUTE 133										RAILROAD CROSSING
64.789	64.789	ROUTE 133								18.0		MATCH EXISTING
64.789	64.831	ROUTE 133	222	444.0								MATCH EXISTING
64.831	64.837	ROUTE 133	32	64.0			1.0					MATCH EXISTING
64.837	71.198	ROUTE 133	33586	67172.0	67172.0							MATCH EXISTING
0.170	30.422	ROUTE 28	159731	319462.0	319462.0							MATCH EXISTING
0.027	0.325	SPUR 28	1573	3146.0	3146.0							MATCH EXISTING
			SUBTOTAL	594406.0	510789.0	50.0	3.0	3.0	1.0	118.0	258.0	
			USE	594406	510789					376.0		

NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING UNLESS OTHERWISE NOTED. LOCATE BEFORE MILLING OR RESURFACING

BITUMINOUS RUMBLE STRIPS

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (MI)	BITUMINOUS CENTERLINE RUBMLE STRIP (STA)	BITUMINOUS SHOULDER RUBMLE STRIP (STA)	REMARKS
53.306	63.481	ROUTE 133	10.175	537.24	1074.48	MATCH EXISTING
3.235	4.938	ROUTE 28	1.703	89.92	179.84	MATCH EXISTING
4.938	5.113	ROUTE 28	0.175			BRIDGE EXCEPTION: A5657
5.113	10.789	ROUTE 28	5.676	299.69	599.38	
10.789	10.883	ROUTE 28	0.094			BRIDGE EXCEPTION: H0088
10.883	12.336	ROUTE 28	1.453	76.72	153.44	
		ROUTE 28			-200.71	SUBTRACT 10% FOR INTERSECTIONS
			TOTAL	1003.6	1806.4	
			USE	1004	1806	

2 SHEET DELETED

SUMMARY OF QUANTITIES

SHEET 5 OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER

Maria Peters
10/09/2025 7:57:17 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	3

COUNTY VAR.

JOB NO. JCD0247

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)

PAVEMENT MARKING

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	CLASS 1 MARK. PAINT 18-MIL, TYPE P BEADS: 4" SOLID YELLOW (FT)	4" SOLID WHITE (FT)	24" SOLID WHITE (FT)	THERMOPLASTIC PAVEMENT MARKINGS: RAILROAD CROSSING (EACH)	LEFT / RIGHT TURN ARROW (EACH)	24" WHITE STOP BAR (FT)	24" WHITE CROSSWALK BARS (FT)	REMARKS
0.000	0.009	ROUTE P	48	96.0							MATCH EXISTING
0.009	0.098	ROUTE P	470	940.0	940.0						MATCH EXISTING
0.098	0.116	ROUTE P	95	190.0							MATCH EXISTING
0.116	0.141	ROUTE P	132	264.0	264.0						MATCH EXISTING
0.141	2.310	ROUTE P	11452	22904.0							MATCH EXISTING
0.018	1.557	ROUTE AA	8126	16252.0							MATCH EXISTING
0.005	2.985	ROUTE OR 44 (RTE 17 TO RTE H)	15734	31468.0							MATCH EXISTING
0.022	1.004	ROUTE OR 44 (RTE H TO SME.)	5185	10370.0							MATCH EXISTING
0.021	0.021	ROUTE OR 44 (RTE H TO SME.)						1.0	11.0		MATCH EXISTING
0.011	0.011	ROUTE OR 44 (RTE H TO SME.)							11.0		MATCH EXISTING
0.012	0.025	ROUTE OR 44 (RTE H TO SME.)				50.0					REFER TO EPG FIGURE 620.2.23 TYPICAL HASH BAR MARKINGS - HASH BARS ON RIGHT
53.258	53.279	ROUTE 133	111	222.0							MATCH EXISTING
53.279	63.482	ROUTE 133	53872	107744.0	107744.0						MATCH EXISTING
63.482	63.546	ROUTE 133	338	676.0	676.0						MATCH EXISTING
63.546	63.546	ROUTE 133					1.0				MATCH EXISTING
63.546	64.602	ROUTE 133	5576	11152.0	11152.0						MATCH EXISTING
64.602	64.604	ROUTE 133	11	22.0	33.0						MATCH EXISTING
64.604	64.604	ROUTE 133						1.0			MATCH EXISTING
64.604	64.623	ROUTE 133	100	200.0	200.0						MATCH EXISTING
64.623	64.623	ROUTE 133							24.0	54.0	SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.623	64.633	ROUTE 133	53							42.0	INTERSECTION: EAST WASHINGTON AVE. SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.623	64.633	ROUTE 133	53							54.0	INTERSECTION: ROUTE 7, SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.633	64.633	ROUTE 133							12.0	54.0	SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.633	64.658	ROUTE 133	132	264.0							MATCH EXISTING
64.658	64.765	ROUTE 133									EXCEPTION: PREVIOUSLY RESURFACED
64.765	64.765	ROUTE 133								54.0	INTERSECTION: McCLURG ST, SEE STANDARD PLAN 620.00 LONGITUDINAL BAR CROSSWALK
64.765	64.981	ROUTE 133									EXCEPTION: PREVIOUSLY RESURFACED
64.981	71.198	ROUTE 133	32826	65652.0	65652.0						MATCH EXISTING
0.170	30.422	ROUTE 28	159731	319462.0	319462.0						MATCH EXISTING
0.027	0.325	SPUR 28	1573	3146.0	3146.0						MATCH EXISTING
			SUBTOTAL	591024.0	509269.0	50.0	1.0	2.0	58.0	258.0	
			USE	591024	509269	50.0	1.0	2.0	316.0		

NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING UNLESS OTHERWISE NOTED. LOCATE BEFORE MILLING OR RESURFACING

PAVEMENT MARKING REMOVAL

LOG MILE FROM	LOG MILE FROM	LOCATION		QUANTITY (FT)	REMARKS
64.623	64.633	ROUTE 133	PERFORMED THERMOPLASTIC 6" WHITE CROSS WALK	84.0	CROSS WALK ON ROUTE 7
64.765	64.765	ROUTE 133	PERFORMED THERMOPLASTIC 6" WHITE CROSS WALK	76.0	CROSS WALK AT INTERSECTION OF McCLURG STREET
		TOTAL		160.0	
		USE		160.0	

2 ADDED

REVISED 2

BITUMINOUS RUMBLE STRIPS

LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (MI)	BITUMINOUS CENTERLINE RUBMLE STRIP (STA)	BITUMINOUS SHOULDER RUBMLE STRIP (STA)	REMARKS
53.306	63.481	ROUTE 133	10.175	537.24	1074.48	MATCH EXISTING
3.235	4.938	ROUTE 28	1.703	89.92	179.84	MATCH EXISTING
4.938	5.113	ROUTE 28	0.175			BRIDGE EXCEPTION: A5657
5.113	10.789	ROUTE 28	5.676	299.69	599.38	
10.789	10.883	ROUTE 28	0.094			BRIDGE EXCEPTION: H0088
10.883	12.336	ROUTE 28	1.453	76.72	153.44	
		ROUTE 28			-200.71	SUBTRACT 10% FOR INTERSECTIONS
			TOTAL	1003.6	1806.4	
			USE	1004	1806	

2 SHEET ADDED

SUMMARY OF QUANTITIES
SHEET 5A OF 6

STATE OF MISSOURI
MARIA K. PETERS
NUMBER PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 7:55:37 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED 10/9/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	3

COUNTY VAR.
JOB NO. JCD0247
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)

NOT TO SCALE

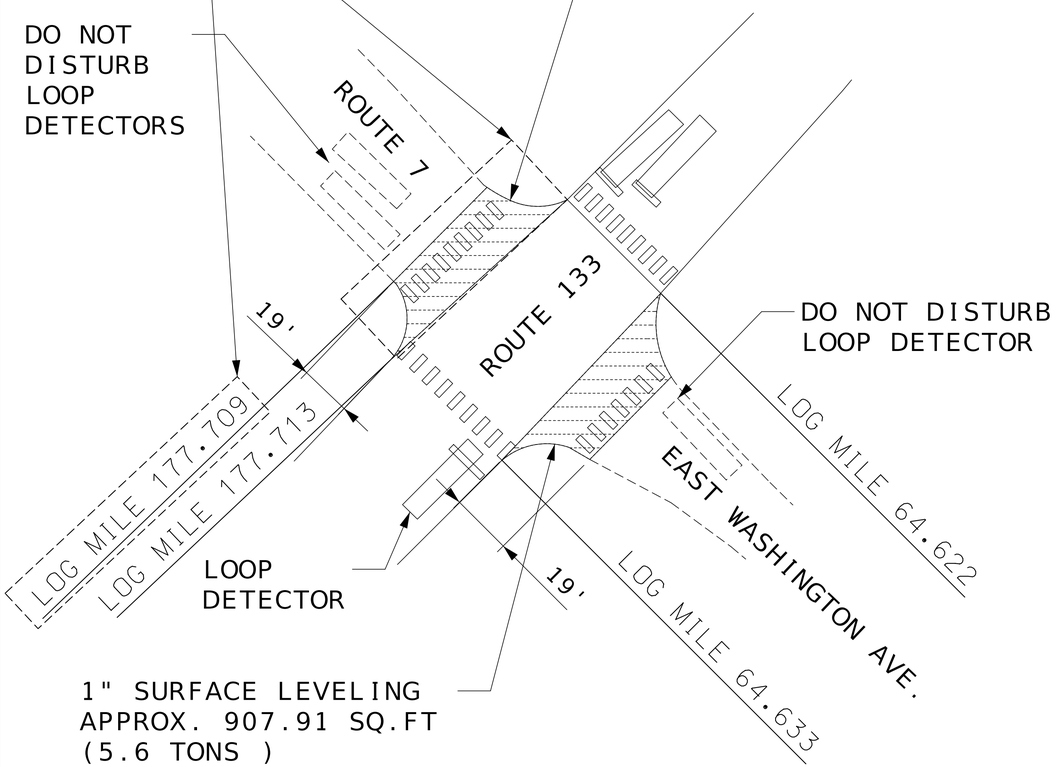
= 1″ SURFACE LEVELING

= 1″ COLDMILLING AND
1″ SURFACE LEVELING

2 REVISED

1" SURFACE LEVELING
APPROX. 904.11 SQ.FT
(5.5 TONS)
TACK COAT GAL. (10.0)
1" COLDMILLING
100.46 SQ. YD

DO NOT
DISTURB
LOOP
DETECTORS



1" SURFACE LEVELING
APPROX. 907.91 SQ.FT
(5.6 TONS)
TACK COAT GAL. (10.1)
1" COLDMILLING
100.88 SQ. YD

INTERSECTION
ROUTE 133 & 7

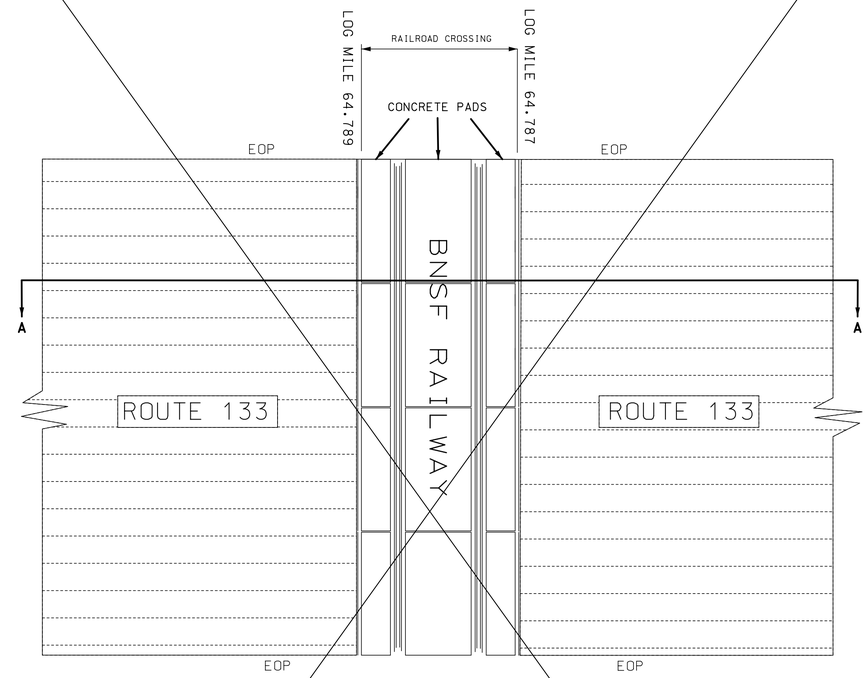
BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

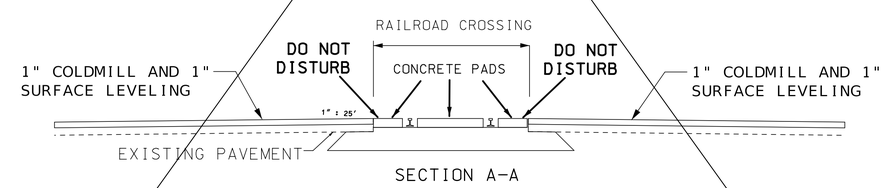
NOT TO SCALE

= 1″ SURFACE LEVELING

= 1″ COLDMILLING AND
1″ SURFACE LEVELING

2 DELETED
(DRAWING NO
LONGER NEEDED)





SECTION A-A

1″ COLDMILLING AND 1″ SURFACE LEVELING *
UP TO RxR CONCRETE PADS WITHOUT DISTURBING IT.

ROUTE 133 &
RAILWAY CROSSING

* MILLING WITHIN TWO (2) FEET OF CONCRETE CROSSING PLANKS SHALL BE DONE MANUALLY, OR USING SPECFIC MACHINARY FOR FINE MILL WORK SUCH AS A MILLING ATTACHMENT ON A SKID STEER OR OTHER MEANS AND METHODS APPROVED BY THE ENGINEER.

2 REVISED

SPECIAL SHEET
8 OF 19

STATE OF MISSOURI
MARIA K. PETERS
NUMBER
PE-2000162118
PROFESSIONAL ENGINEER
Maria Peters
10/09/2025 7:53:12 PM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED	10/9/2025
ROUTE	133
STATE	MO
DISTRICT	CD
SHEET NO.	11
COUNTY	PULASKI
JOB NO.	JCD0247
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)