

DESIGN DESIGNATION

A.A.D.T. - 2024 = 1039
A.A.D.T. - 2034 = 1148
D.H.V. = 15%
T = 7.7%
V = 30,40,45,55 M.P.H.
D = 49% (EB), 51% (WB)

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO R/W ACQUISITION

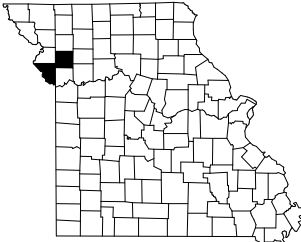
CONVENTIONAL SYMBOLS
(USED IN PLANS)

	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		

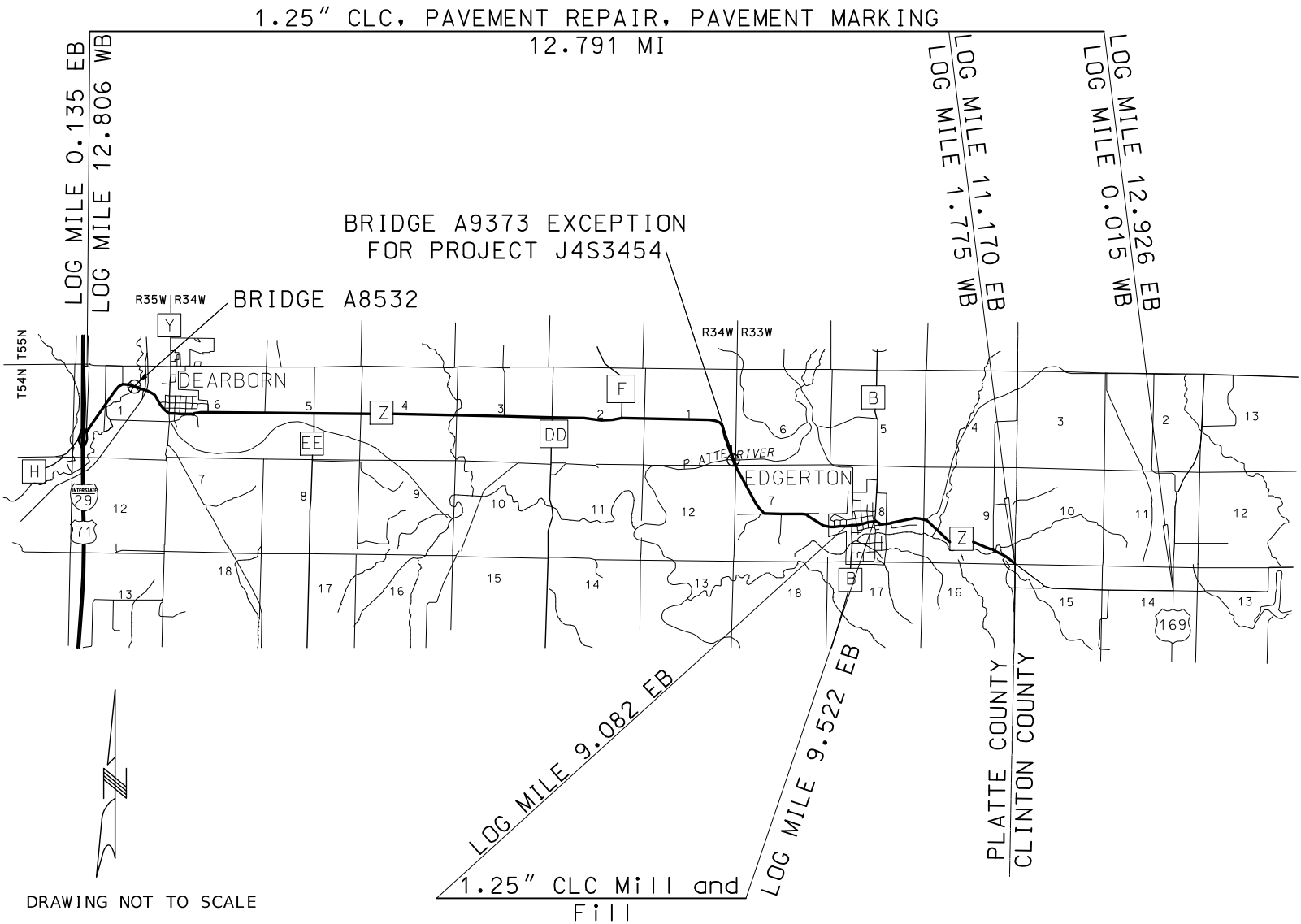
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

PLATTE/CLINTON COUNTY



KEY MAP
LOCATION OF PLATTE/CLINTON COUNTY



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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (8 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-9



DATE PREPARED
5/29/2025

ROUTE
Z

STATE
MO

DISTRICT
KC

SHEET NO.
1

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

LENGTH OF PROJECT

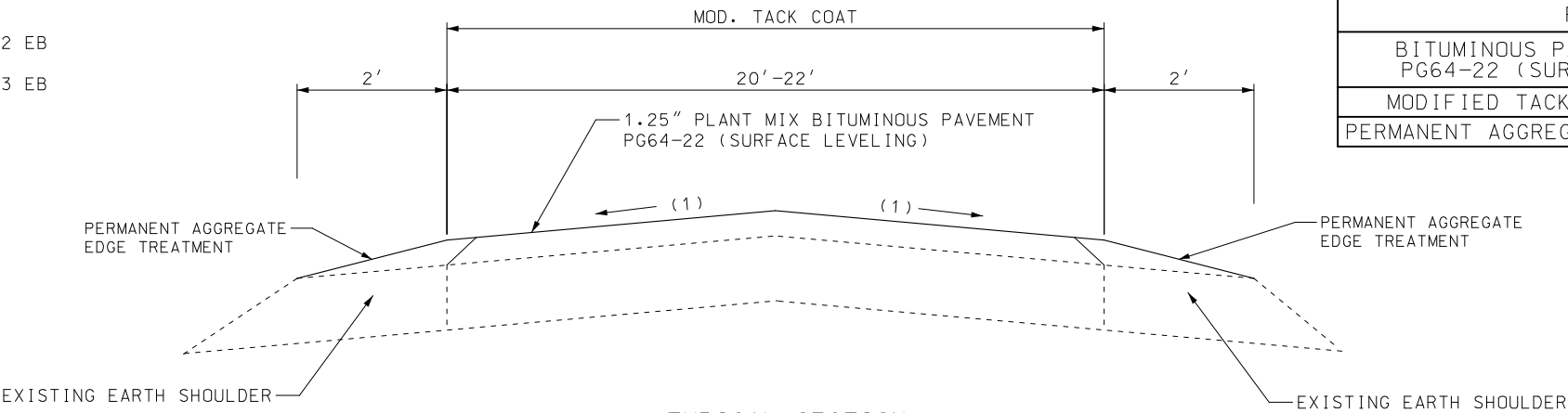
BEGINNING OF PROJECT	LOG 0.135
END OF PROJECT	LOG 12.926
APPARENT LENGTH	67,536 FEET
EQUATIONS AND EXCEPTIONS:	
BRIDGE A8532: LOG 0.853 TO 0.892	206 FEET
BRIDGE A9373: LOG 7.469 TO 7.803	1763 FEET

TOTAL CORRECTIONS	1969 FEET
NET LENGTH OF PROJECT	65,567 FEET
STATE LENGTH	12.418 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES



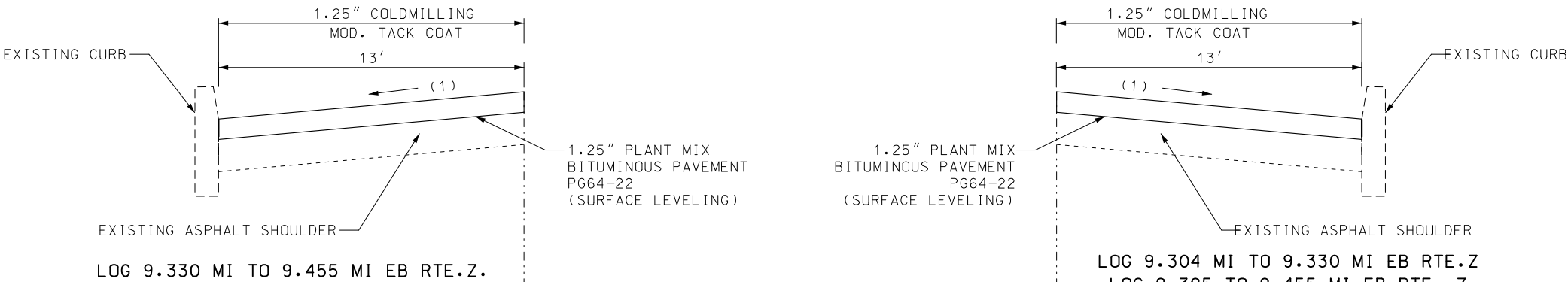
EXCEPTIONS:
BRIDGE A8532: LOG 0.853 TO 0.892 EB
BRIDGE A9373: LOG 7.469 TO 7.803 EB
(PROJECT J4S3454)



TYPICAL SECTION
LOG 0.135 MI TO 9.082 MI EB RTE. Z
LOG MILE 9.522 TO 12.926 MI EB RTE. Z
OVERLAY

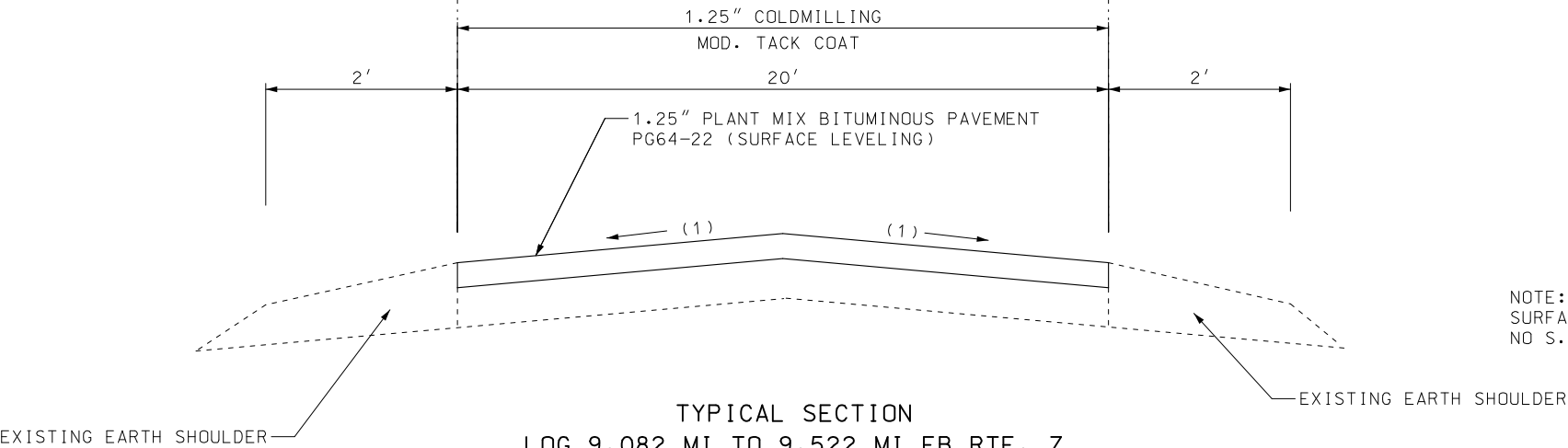
NOTE:
FROM EB LOG 0.135 TO LOG 1.270 USE
SAFETY EDGE STD. 401.00C

(1) MATCH EXISTING CROSS SLOPE



LOG 9.330 MI TO 9.455 MI EB RTE.Z.

LOG 9.304 MI TO 9.330 MI EB RTE.Z
LOG 9.395 TO 9.455 MI EB RTE. Z



TYPICAL SECTION
LOG 9.082 MI TO 9.522 MI EB RTE. Z
MILL & FILL

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

DRAWING NOT TO SCALE

ESTIMATE FACTORS FOR INFORMATION ONLY	
BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.975 TON/YD ³
MODIFIED TACK COAT (OVERLAY)	0.2 GAL/YD ²
PERMANENT AGGREGATE EDGE TREATMENT	1.88 TON/YD ³



DATE PREPARED
5/29/2025

ROUTE Z	STATE MO
DISTRICT KC	SHEET NO. 2

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

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 INTERSECTIONS AND ENTRANCES 1							
LOG MILE EB	LOCATION	BIT. PAVE. MIX. PG64-22 (SURFACE LEVELING) TON	MODIFIED TACK COAT (GAL)	MOD. COLDMILLING DEPTH TRANSITION SY	COLDMILLING BIT. PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) SY	GRAVEL A OR CRUSHED STONE B SY	REMARKS
0.235	RTE Z, R.T.			865			CE, CONCRETE X4
0.444	RTE Z, L.T.			252			CE, CONCRETE
0.547	RTE Z, L.T.					52	PE, GRAVEL
0.556	RTE Z, L.T.			213			PE, CONCRETE
0.631	RTE Z, L.T.					58	CE, GRAVEL
0.667	RTE Z, L.T.					102	PE, GRAVEL
0.733	RTE Z, R.T.					65	FE, GRAVEL
0.743	RTE Z, L.T.					227	HACKETT RD, GRAVEL
0.935	RTE Z, R.T.					64	CE, GRAVEL
0.943	RTE Z, R.T.					71	CE, GRAVEL
0.953	RTE Z, L.T.					744	CE, GRAVEL
0.965	RTE Z, R.T.					87	CE, GRAVEL
0.976	RTE Z, R.T.					214	CE, GRAVEL
0.984	RTE Z, L.T.					270	CE, GRAVEL
1.010	RTE Z, L.T.					468	CE, GRAVEL
1.010	RTE Z, R.T.					509	CE, GRAVEL
1.036	RTE Z, R.T.					50	CE, GRAVEL
1.058	RTE Z, L.T.	9.8	28	142			COMMERCIAL ST, ASPHALT
1.058	RTE Z, R.T.	5.1	15	74			COMMERCIAL ST, ASPHALT
1.080	RTE Z, L.T.					7	PE, GRAVEL
1.099	RTE Z, R.T.					290	CE, GRAVEL
1.123	RTE Z, L.T.					284	PE, GRAVEL
1.143	RTE Z, R.T.					103	PE, GRAVEL
1.162	RTE Z, L.T.					19	PE, GRAVEL
1.174	RTE Z, R.T.					42	PE, GRAVEL
1.178	RTE Z, L.T.					32	PE, GRAVEL
1.199	RTE Z, L.T.	15.3	44	222			3RD ST, ASPHALT
1.233	RTE Z, R.T.					54	CE, GRAVEL
1.240	RTE Z, L.T.	0.8	2	11			CE, ASPHALT
1.270	RTE Z, L.T.	8.3	24	121			2ND ST, ASPHALT
1.317	RTE Z, R.T.	6.5	19	94			SHORT ST, ASPHALT
1.361	RTE Z, L.T.	12.6	37	183			INTERURBAN RD, ASPHALT
1.361	RTE Z, R.T.	12.3	36	179			MAIN ST, ASPHALT
1.381	RTE Z, R.T.					245	CE, GRAVEL
1.383	RTE Z, L.T.					57	PE, GRAVEL
1.392	RTE Z, L.T.					41	ALLEYWAY, GRAVEL
1.393	RTE Z, R.T.					35	ALLEYWAY, GRAVEL
1.423	RTE Z, L.T.	7	20	101			MAY ST, ASPHALT
1.423	RTE Z, R.T.	4.9	14	71			MAY ST, ASPHALT
1.453	RTE Z, L.T.					47	ALLEYWAY, GRAVEL
1.456	RTE Z, R.T.					57	ALLEYWAY, GRAVEL
1.480	RTE Z, R.T.			176			CE, CONCRETE
1.482	RTE Z, L.T.	5.1	15	74			JUNE ST, ASPHALT
1.513	RTE Z, L.T.					63	ALLEYWAY, GRAVEL
1.544	RTE Z, L.T.	6.5	19	94			JULY ST, ASPHALT
1.576	RTE Z, L.T.					81	PE, GRAVEL
1.592	RTE Z, R.T.					50	PE, GRAVEL
1.786	RTE Z, L.T.	7.5	22	109			MC PHERSON AVE, ASPHALT
1.806	RTE Z, R.T.					83	PE, GRAVEL
1.887	RTE Z, R.T.					52	PE, GRAVEL
1.998	RTE Z, R.T.					103	CE, GRAVEL
2.000	RTE Z, L.T.					108	CE, GRAVEL
2.150	RTE Z, R.T.					64	PE, GRAVEL
2.361	RTE Z, L.T.					87	PE, GRAVEL
2.363	RTE Z, R.T.					127	FE, GRAVEL
2.484	RTE Z, R.T.					21	FE, GRAVEL
2.865	RTE Z, R.T.					43	PE, GRAVEL
(1)	SUB-TOTAL 1	101.7	295	2981	0	5176	

CE - COMMERCIAL ENTRANCE
PE - PRIVATE ENTRANCE
FE - FIELD ENTRANCE



PAVEMENT INTERSECTIONS AND ENTRANCES 2							
LOG MILE EB	LOCATION	BIT. PAVE. MIX. PG64-22 (SURFACE LEVELING) TON	MODIFIED TACK COAT (GAL)	MOD. COLDMILLING DEPTH TRANSITION SY	COLDMILLING BIT. PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) SY	GRAVEL A OR CRUSHED STONE B SY	REMARKS
2.903	RTE Z, L.T.	7.7	22	112			RTE EE, ASPHALT
2.903	RTE Z, R.T.	21.6	63	314			RTE EE, ASPHALT
3.061	RTE Z, L.T.					45	PE, GRAVEL
3.197	RTE Z, R.T.					38	PE, GRAVEL
3.459	RTE Z, L.T.					42	PE, GRAVEL
3.632	RTE Z, R.T.					24	FE, GRAVEL
3.717	RTE Z, L.T.					20	FE, GRAVEL
3.902	RTE Z, R.T.					78	PE, GRAVEL
3.920	RTE Z, L.T.	0.6	2	8			PE, ASPHALT
3.937	RTE Z, L.T.	0.8	2	11			PE, ASPHALT
3.964	RTE Z, L.T.					59	PE, GRAVEL
4.029	RTE Z, L.T.			182			PE, CONCRETE
4.031	RTE Z, R.T.					64	PE, GRAVEL
4.042	RTE Z, L.T.					34	PE, GRAVEL
4.112	RTE Z, L.T.					112	PE, GRAVEL
4.261	RTE Z, R.T.					80	PE, GRAVEL
4.339	RTE Z, L.T.					16	FE, GRAVEL
4.380	RTE Z, L.T.					19	FE, GRAVEL
4.420	RTE Z, R.T.					17	FE, GRAVEL
4.485	RTE Z, R.T.					89	PE, GRAVEL
4.582	RTE Z, L.T.					62	FE, GRAVEL
4.601	RTE Z, R.T.					84	PE, GRAVEL
4.718	RTE Z, R.T.					84	PE, GRAVEL
4.797	RTE Z, R.T.			182			PE, CONCRETE
4.931	RTE Z, L.T.	9.1	27	133			CAMP PAWNEE RD, ASPHALT
5.110	RTE Z, R.T.					56	FE, GRAVEL
5.226	RTE Z, R.T.					81	PE, GRAVEL
5.329	RTE Z, L.T.					56	FE, GRAVEL
5.329	RTE Z, R.T.					108	FE, GRAVEL
5.440	RTE Z, L.T.					98	RTE DD, GRAVEL
5.440	RTE Z, R.T.	19.5	57	283			RTE DD, ASPHALT
5.474	RTE Z, R.T.					59	PE, GRAVEL
5.535	RTE Z, R.T.					45	PE, GRAVEL
5.644	RTE Z, R.T.					37	FE, GRAVEL
5.766	RTE Z, L.T.					45	FE, GRAVEL
5.795	RTE Z, R.T.					13	FE, GRAVEL
5.898	RTE Z, L.T.					16	FE, GRAVEL
5.919	RTE Z, L.T.					7	FE, GRAVEL
5.947	RTE Z, R.T.					36	PE, GRAVEL
6.017	RTE Z, R.T.					79	FE, GRAVEL
6.023	RTE Z, L.T.					68	PE, GRAVEL
6.077	RTE Z, L.T.					28	PE, GRAVEL
6.144	RTE Z, L.T.	5.4	16	78			HYW F, ASPHALT
6.198	RTE Z, L.T.	6.7	19	97			HYW F, ASPHALT
6.215	RTE Z, L.T.					48	PE, GRAVEL
6.290	RTE Z, L.T.					40	PE, GRAVEL
6.298	RTE Z, R.T.					31	FE, GRAVEL
6.300	RTE Z, L.T.					61	PE, GRAVEL
6.322	RTE Z, L.T.					99	PE, GRAVEL
6.752	RTE Z, R.T.					60	PE, GRAVEL
6.765	RTE Z, L.T.					76	PE, GRAVEL
6.765	RTE Z, R.T.					54	PE, GRAVEL
6.993	RTE Z, L.T.					50	PE, GRAVEL
7.021	RTE Z, L.T.					131	PE, GRAVEL
7.078	RTE Z, R.T.					28	FE, GRAVEL
7.135	RTE Z, R.T.					16	FE, GRAVEL
7.183	RTE Z, L.T.					75	PE, GRAVEL
7.394	RTE Z, L.T.					12	FE, GRAVEL
7.394	RTE Z, R.T.					52	FE, GRAVEL
(2)	SUB-TOTAL 2	71.4	208	1400	0	2632	

(2) - CONTINUED, SEE PAVEMENT INTERSECTIONS AND ENTRANCE TABLE 3

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER

PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

05/29/2025 2:31:27 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED

5/29/2025

ROUTE

Z

DISTRICT

KC

STATE

MO

SHEET NO.

3

COUNTY

PLATTE/CLINTON

JOB NO.

JKU0047

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

PAVEMENT INTERSECTIONS AND ENTRANCES 4							
LOG MILE EB	LOCATION	BIT. PAVE. MIX. PG64-22 (SURFACE LEVELING) TON	MODIFIED TACK COAT (GAL)	MOD. COLDMILLING DEPTH TRANSITION SY	COLDMILLING BIT. PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) SY	GRAVEL A OR CRUSHED STONE B SY	REMARKS
10.339	RTE Z, L.T.					20	PE, GRAVEL
10.632	RTE Z, R.T.					37	PE, GRAVEL
10.737	RTE Z, L.T.					57	PE, GRAVEL
10.895	RTE Z, L.T.					150	SCOTT RD, GRAVEL
11.041	RTE Z, R.T.					71	COUNTY LINE RD, GRAVEL
11.121	RTE Z, L.T.					25	FE, GRAVEL
11.394	RTE Z, L.T.					32	FE, GRAVEL
11.558	RTE Z, R.T.					199	223RD ST, GRAVEL
11.588	RTE Z, R.T.					51	PE, GRAVEL
11.685	RTE Z, R.T.					57	PE, GRAVEL
11.819	RTE Z, R.T.					58	PE, GRAVEL
11.911	RTE Z, R.T.					47	PE, GRAVEL
11.949	RTE Z, R.T.	0.8	2	11			PE, ASPHALT
11.952	RTE Z, L.T.					51	FE, GRAVEL
12.124	RTE Z, R.T.					49	PE, GRAVEL
12.176	RTE Z, R.T.					36	PE, GRAVEL
12.210	RTE Z, R.T.					26	FE, GRAVEL
12.243	RTE Z, R.T.					26	FE, GRAVEL
12.270	RTE Z, L.T.					13	FE, GRAVEL
12.299	RTE Z, R.T.	8.9	26	130			REED LN, ASPHALT
12.320	RTE Z, L.T.					41	PE, GRAVEL
12.439	RTE Z, L.T.	0.7	2	11			PE, ASPHALT
12.517	RTE Z, L.T.			182			PE, CONCRETE
12.560	RTE Z, R.T.					23	PE, GRAVEL
12.590	RTE Z, L.T.					54	PE, GRAVEL
12.619	RTE Z, L.T.					38	PE, GRAVEL
12.645	RTE Z, L.T.					16	FE, GRAVEL
12.662	RTE Z, L.T.					32	PE, GRAVEL
12.684	RTE Z, L.T.			188			PE, CONCRETE
12.761	RTE Z, L.T.	0.7	2	10			PE, ASPHALT
12.761	RTE Z, R.T.					62	PE, GRAVEL
12.795	RTE Z, R.T.					68	PE, GRAVEL
(4) (5) (6)	SUB-TOTAL 4	11.1	32	532	0	1339	
	SUB-TOTAL 1	101.7	295	2981	0	5176	
	SUB-TOTAL 2	71.4	208	1400	0	2632	
	SUB-TOTAL 3	112.2	329	1163	884	1425	
SUB-TOTAL INTERSECTOINS AND ENTRANCES		296.4	864	6076	884	10572	

(4) - FROM PAVEMENT INTERSECTIONS AND ENTRANCES TABLE 1
(5) - FROM PAVEMENT INTERSECTIONS AND ENTRANCES TABLE 2
(6) - FROM PAVEMENT INTERSECTIONS AND ENTRANCES TABLE 3

MAINLINE PAVEMENT AND PAVEMENT QUANTITIES TOTAL												
LOG MILE EB	LOG MILE EB	LOCATION	LENGTH (FT)	WIDTH (MAINLINE) (FT)	SHOULDER WIDTH (FT)	1.25" BITUMINOUS PAVEMENT MIXTURE PG64-22 SURFACE LEVELING (TONS)	MODIFIED TACK COAT (GAL)	MOD. COLDMILLING DEPTH TRANSITION SY	COLDMILLING BIT. PAVEMENT FOR RENOVAL OF SURFACING (3 IN. THICK OR LESS) SY	GRAVEL A OR CRUSHED STONE B SY	PERMANENT AGGR. EDGE TREATMENT (TON)	REMARKS
0.135	0.853	RTE. Z	3791.04	22	4	635.50	1,853.40	336.00			109.99	BEGIN AND BR. EXCEPTION (A8532)
0.892	1.270	RTE. Z	1995.84	22	4	334.57	975.74	168.00			57.90	
1.270	7.469	RTE. Z	32730.72	20	4	4,987.90	14,546.99	153.00			949.59	BR. EXCEPTION (A9373)
7.803	9.082	RTE. Z	6753.12	20	4	1,029.12	3,001.39	306.00			195.92	
9.082	9.304	RTE. Z	1172.16	20	4	178.63	520.96		3,125.76		1.75*	MILL AND FILL
9.304	9.455	RTE. Z	797.28	20	13	121.50	354.35		2,923.36		39**	MILL AND FILL
9.455	9.522	RTE. Z	353.76	20	4	53.91	157.23		943.36		1.2*	MILL AND FILL
9.522	11.170	RTE. Z	8701.44	20	4	1,326.03	3,867.31	153.00			252.45	
11.170	12.926	RTE. Z	9271.68	20	4	1,412.93	4,120.75	153.00			268.99	CLINTON COUNTY
0.135	11.170	RTE. Z	PAVEMENT INTERSECTIONS AND ENTRANCES			296.40	864.00	6,076.00	884.00	10,572.00		
0.135	11.170	RTE. Z	2% SAFETY EDGE (LOG 0.135 TO 1.270)			19.40						
0.135	11.170	RTE. Z	10% IRREGULARITIES			972.61						
PAY TOTAL						11,368.5	30,263.0	7,345.0	7,876.0	10,572.0	1,876.8	

*TREAT EXISTING DROP OFF
**ADD AGGREGATE FROM TRAVELWAY TO CURB

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER
PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

05/29/2025 2:38:45 PM

HEATHER R. BARROWS- CIVIL

MO-PE-2016040670

DATE PREPARED
5/29/2025

ROUTE
Z

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

PERMANENT PAVEMENT MARKING (STRIPING)							REMARKS
BEG. LOG MILE EB	END LOG MILE EB	LOCATION	LENGTH	STANDARD CLASS 1 PAINT (TYPE P BEAD)			
				4" SOLID WHITE	4" SOLID YELLOW	4" INTERMITTENT YELLOW	
			L.F.	L.F.	L.F.	L.F.	
0.135	0.274	RTE Z	733.92	1468	734	183	
0.274	0.335	RTE Z	322.08	644	644		
0.335	0.462	RTE Z	670.56	1341	671	168	
0.462	0.544	RTE Z	432.96	866		108	
0.544	0.790	RTE Z	1298.88	2598	1299	325	
0.790	0.989	RTE Z	1050.72	2101		263	
0.989	1.676	RTE Z	3627.36			907	
1.676	1.787	RTE Z	586.08		586	147	
1.787	2.562	RTE Z	4092.00	8184	8184		
2.562	2.822	RTE Z	1372.80	2746	1373	343	
2.822	2.962	RTE Z	739.20	1478	1478		
2.962	3.061	RTE Z	522.72	1045	523	131	
3.061	3.182	RTE Z	638.88	1278	1278		
3.182	3.488	RTE Z	1615.68	3231	1616	404	
3.488	3.640	RTE Z	802.56	1605	1605		
3.640	4.122	RTE Z	2544.96	5090	2545	636	
4.122	4.375	RTE Z	1335.84	2672		334	
4.375	4.610	RTE Z	1240.80	2482	1241	310	
4.610	4.849	RTE Z	1261.92	2524		315	
4.849	5.006	RTE Z	828.96	1658	829	207	
5.006	5.320	RTE Z	1657.92	3316	3316		
5.320	5.468	RTE Z	781.44	1563	781	195	
5.468	5.644	RTE Z	929.28	1859		232	
5.644	5.873	RTE Z	1209.12	2418	1209	302	
5.873	6.300	RTE Z	2254.56	4509	4509		
6.300	6.379	RTE Z	417.12	834	417	104	
6.379	6.539	RTE Z	844.80	1690	1690		
6.539	6.619	RTE Z	422.40	845	422	106	
6.619	7.245	RTE Z	3305.28	6611	6611		
7.245	7.469	RTE Z	1182.72	2365	1183	296	
7.469	7.803	RTE Z	1763.52				EXCEPTION FOR J4S3454
7.803	9.039	RTE Z	6526.08	13052	13052		
9.039	9.084	RTE Z	237.60	475	238	59	
9.084	9.130	RTE Z	242.88		243	61	
9.130	9.618	RTE Z	2576.64			644	
9.618	9.708	RTE Z	475.20	950		119	
9.708	9.739	RTE Z	163.68	327	164	41	
9.739	10.143	RTE Z	2133.12	4266	4266		
10.143	10.208	RTE Z	343.20	686	343	86	
10.208	10.268	RTE Z	316.80	634		79	
10.268	10.358	RTE Z	475.20	950	475	119	
10.358	10.696	RTE Z	1784.64	3569	3569		
10.696	10.758	RTE Z	327.36	655	327	82	
10.758	10.826	RTE Z	359.04	718		90	
10.826	10.858	RTE Z	168.96	338	169	42	
10.858	11.111	RTE Z	1335.84	2672	2672		
11.111	11.170	RTE Z	311.52	623	312	78	
11.170	11.289	RTE Z	628.32	1257	628	157	CLINTON COUNTY START
11.289	11.372	RTE Z	438.24	876		110	
11.372	11.545	RTE Z	913.44	1827	913	228	
11.545	11.665	RTE Z	633.60	1267	1267		
11.665	11.783	RTE Z	623.04	1246	623	156	
11.783	11.819	RTE Z	190.08	380	380		
11.819	12.052	RTE Z	1230.24	2460	1230	308	
12.052	12.124	RTE Z	380.16	760	190		
12.124	12.226	RTE Z	538.56	1077	539	135	
12.226	12.280	RTE Z	285.12	570	570		
12.280	12.549	RTE Z	1420.32	2841	1420	355	
12.549	12.628	RTE Z	417.12	834		104	
12.628	12.725	RTE Z	512.16	1024	1024		
12.725	12.795	RTE Z	369.60	739	370	92	
12.795	12.935	RTE Z	739.20	1478	1478		
SUBTOTALS				117572	81206	9161	
PAY TOTALS				117572	90367		

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 5 OF 8

STATE OF MISSOURI HEATHER R. BARROWS NUMBER PE-2016040670 PROFESSIONAL ENGINEER <i>Heather R. Barrows</i> 05/20/2025 2:38:52 PM HEATHER R. BARROWS - CIVIL MO-PE-2016040670		DATE PREPARED	
5/29/2025			
ROUTE	Z	STATE	MO
DISTRICT	KC	SHEET NO.	3
COUNTY			
PLATTE/CLINTON			
JOB NO.			
JKU0047			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			
DATE		DESCRIPTION	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION		MoDOT  105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

PARTIAL DEPTH PAVEMENT REPAIR EASTBOUND							
LOG MILE FROM WB LOG	LOG MILE TO WB LOG	LENGTH	WIDTH	FURNISHING AND PLACING BIT. MATERIAL FOR CLASS C PARTIAL DEPTH PVM'T REPAIR TON	REMOVAL FOR CLASS C PARTIAL DEPTH PVM'T REPAIR SY	MODIFIED TACK COAT GAL	REMARKS
12.806	11.593	3	25	1.83	8.33	1.67	
		3	12	0.88	4.00	0.80	
		3	10	0.73	3.33	0.67	
		3	20	1.46	6.67	1.33	
		3	12	0.88	4.00	0.80	
		3	25	1.83	8.33	1.67	
11.593		6	11	1.61	7.33	1.47	PIPE CROSSING
11.586		6	11	1.61	7.33	1.47	PIPE CROSSING
11.576		6	20	2.93	13.33	2.67	PIPE CROSSING
11.576	11.406	3	20	1.46	6.67	1.33	
		3	15	1.10	5.00	1.00	
		6	11	1.61	7.33	1.47	PIPE CROSSING
11.406		6	11	1.61	7.33	1.47	PIPE CROSSING
11.385		6	11	1.61	7.33	1.47	PIPE CROSSING
11.361		15	11	4.02	18.33	3.67	PIPE CROSSING
10.853		6	11	1.61	7.33	1.47	PIPE CROSSING
10.701		6	11	1.61	7.33	1.47	PIPE CROSSING
10.701	10.236	3	20	1.46	6.67	1.33	
10.236		6	11	1.61	7.33	1.47	PIPE CROSSING
10.236	7.814	3	15	1.10	5.00	1.00	
		3	10	0.73	3.33	0.67	
		3	20	1.46	6.67	1.33	
		3	400	29.26	133.33	26.67	
		3	20	1.46	6.67	1.33	
		3	40	2.93	13.33	2.67	
		3	25	1.83	8.33	1.67	
		15	11	4.02	18.33	3.67	PIPE CROSSING
7.814		6	11	1.61	7.33	1.47	PIPE CROSSING
7.665		6	11	1.61	7.33	1.47	PIPE CROSSING
7.456		6	11	1.61	7.33	1.47	PIPE CROSSING
7.323		6	11	1.61	7.33	1.47	PIPE CROSSING
7.323	6.802	3	100	7.31	33.33	6.67	
		3	100	7.31	33.33	6.67	
		6	11	1.61	7.33	1.47	PIPE CROSSING
6.802	4.725	3	15	1.10	5.00	1.00	
		3	25	1.83	8.33	1.67	
		5	70	8.53	38.89	7.78	
		3	10	0.73	3.33	0.67	
		11	20	5.36	24.44	4.89	
		11	25	6.71	30.56	6.11	
		3	10	0.73	3.33	0.67	
		6	11	1.61	7.33	1.47	PIPE CROSSING
4.725		6	11	1.61	7.33	1.47	PIPE CROSSING
4.479		6	11	1.61	7.33	1.47	PIPE CROSSING
4.479	3.659	3	12	0.88	4.00	0.80	
		3	25	1.83	8.33	1.67	
		6	25	3.66	16.67	3.33	PIPE CROSSING
3.659		6	20	2.93	13.33	2.67	PIPE CROSSING
3.549		6	20	2.93	13.33	2.67	PIPE CROSSING
3.549	3.199	3	25	1.83	8.33	1.67	
		3	15	1.10	5.00	1.00	
		5	5	0.61	2.78	0.56	
3.199		6	11	1.61	7.33	1.47	PIPE CROSSING
3.199	0.015	3	75	5.49	25.00	5.00	
		3	10	0.73	3.33	0.67	
		3	15	1.10	5.00	1.00	
		6	75	10.97	50.00	10.00	
		3	75	5.49	25.00	5.00	
		3	10	0.73	3.33	0.67	
		3	12	0.88	4.00	0.80	
		3	10	0.73	3.33	0.67	
		3	10	0.73	3.33	0.67	
		3	12	0.88	4.00	0.80	
		3	12	0.88	4.00	0.80	
		3	15	1.10	5.00	1.00	
		SUB TOTAL EB		166.07	756.57	151.44	

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER
PE-2016040670

PROFESSIONAL ENGINEER

05/29/2025 2:43:36 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED
5/29/2025

ROUTE
Z

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

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

PARTIAL DEPTH PAVEMENT REPAIR WESTBOUND							
LOG MILE FROM WB LOG	LOG MILE TO WB LOG	LENGTH	WIDTH	FURNISHING AND PLACING BIT. MATERIAL FOR CLASS C PARTIAL DEPTH PVM'T REPAIR TON	REMOVAL FOR CLASS C PARTIAL DEPTH PVM'T REPAIR SY	MODIFIED TACK COAT GAL	REMARKS
0.015	3.199	8	10	1.95	8.89	1.78	
		3	20	1.46	6.67	1.33	
		4	30	2.93	13.33	2.67	
		3	25	1.83	8.33	1.67	
		3	20	1.46	6.67	1.33	
		3	15	1.10	5.00	1.00	
3.199		6	11	1.61	7.33	1.47	PIPE CROSSING
3.199	3.549	3	20	1.46	6.67	1.33	
3.549		6	15	2.19	10.00	2.00	PIPE CROSSING
3.549	3.659	6	12	1.76	8.00	1.60	
		4	10	0.97	4.44	0.89	
		4	8	0.78	3.56	0.71	
3.659		6	11	1.61	7.33	1.47	PIPE CROSSING
4.479		6	11	1.61	7.33	1.47	PIPE CROSSING
4.479	6.802	3	12	0.88	4.00	0.80	
		4	70	6.83	31.11	6.22	
		2	12	0.59	2.67	0.53	
		3	30	2.19	10.00	2.00	
		2	10	0.49	2.22	0.44	
		2	15	0.73	3.33	0.67	
		3	50	3.66	16.67	3.33	
		2	15	0.73	3.33	0.67	
		2	10	0.49	2.22	0.44	
		2	10	0.49	2.22	0.44	
6.802		6	11	1.61	7.33	1.47	PIPE CROSSING
6.802	7.323	3	20	1.46	6.67	1.33	
		3	40	2.93	13.33	2.67	
7.323		6	11	1.61	7.33	1.47	PIPE CROSSING
7.456		6	11	1.61	7.33	1.47	PIPE CROSSING
7.456	7.665	3	10	0.73	3.33	0.67	
7.665		6	11	1.61	7.33	1.47	PIPE CROSSING
7.814		10	11	2.68	12.22	2.44	PIPE CROSSING
7.814	10.236	3	10	0.73	3.33	0.67	
		3	20	1.46	6.67	1.33	
		3	15	1.10	5.00	1.00	
		3	12	0.88	4.00	0.80	
		3	50	3.66	16.67	3.33	
		3	25	1.83	8.33	1.67	
		3	15	1.10	5.00	1.00	
		3	20	1.46	6.67	1.33	
		3	10	0.73	3.33	0.67	
10.236		3	15	1.10	5.00	1.00	
10.236		10	11	2.68	12.22	2.44	PIPE CROSSING
10.701		6	11	1.61	7.33	1.47	PIPE CROSSING
10.853		6	11	1.61	7.33	1.47	PIPE CROSSING
11.361		12	11	3.22	14.67	2.93	PIPE CROSSING
11.385		6	11	1.61	7.33	1.47	PIPE CROSSING
11.406		6	11	1.61	7.33	1.47	PIPE CROSSING
11.586		6	11	1.61	7.33	1.47	PIPE CROSSING
11.593		6	11	1.61	7.33	1.47	PIPE CROSSING
11.593	12.806	5	100	12.19	55.56	11.11	
		4	12	1.17	5.33	1.07	
		5	12	1.46	6.67	1.33	
		3	10	0.73	3.33	0.67	
		4	50	4.88	22.22	4.44	
		3	25	1.83	8.33	1.67	
		3	25	1.83	8.33	1.67	
		3	75	5.49	25.00	5.00	
			SUB TOTAL WB	113.23	515.83	103.20	
			SUB TOTAL EB	166.07	756.57	151.44	
			PAY TOTAL	279.30	1272.40	*	

* NO PAY. FOR INFORMATION ONLY

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER
PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

05/29/2025 2:38:49 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED
5/29/2025

ROUTE
Z

DISTRICT
KC

STATE
MO

SHEET NO.
3

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

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)

MO-PE-2016040670	
DATE PREPARED 7/7/2025	
ROUTE Z	STATE MO
DISTRICT KC	SHEET NO. 3

JOB NO.
JKU0047

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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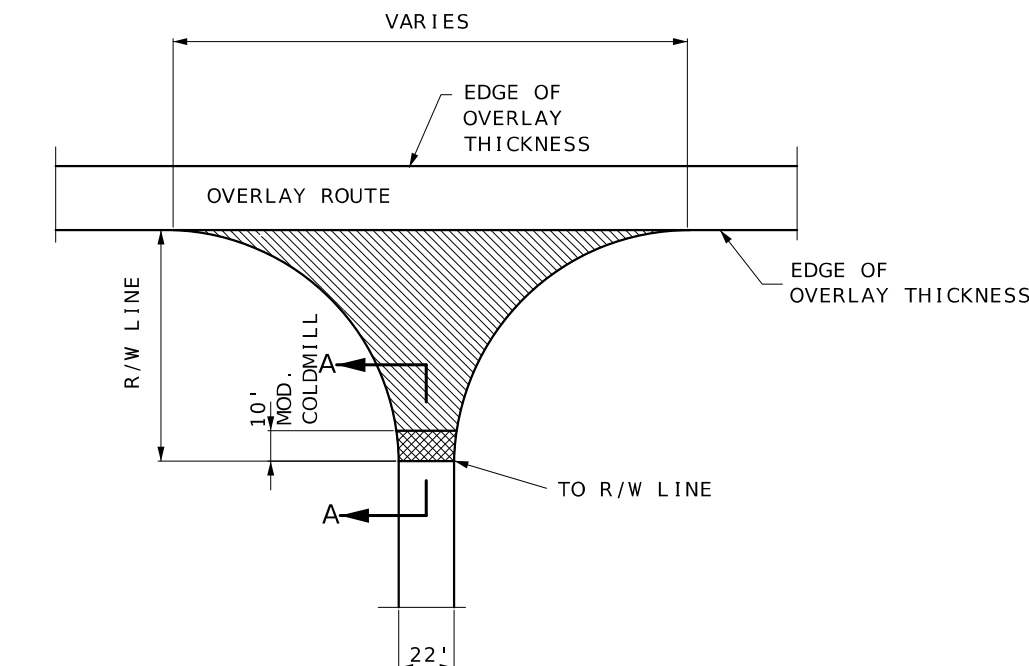
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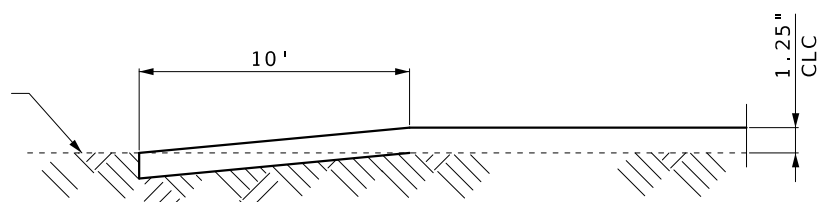
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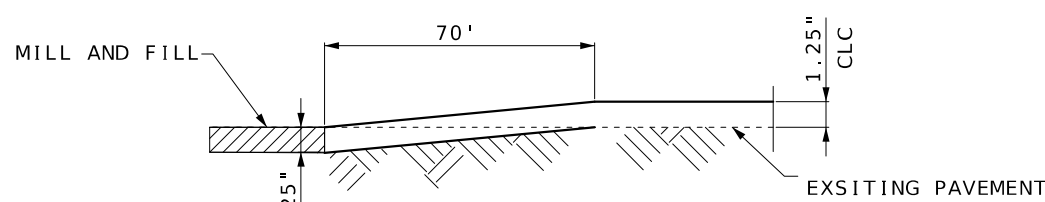
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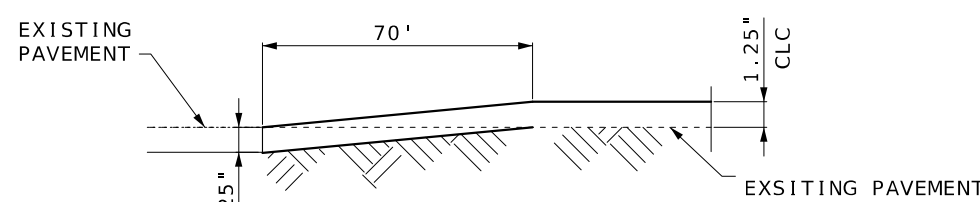
TYPICAL STATE ROUTE JUNCTION AND CITY STREET



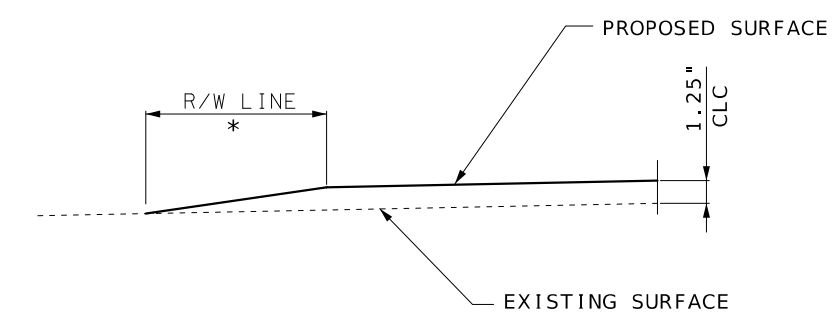
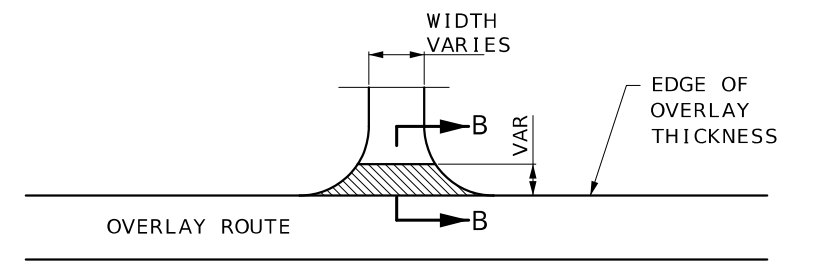
SECTION A-A
TYPICAL STATE ROUTE JUNCTION AND CITY STREET
(COLDMILLED TRANSITION)



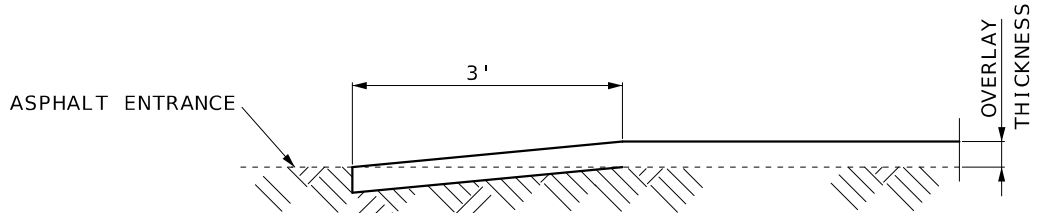
TRAVELWAY DEPTH TRANSITIONS
CLC TO MILL AND FILL



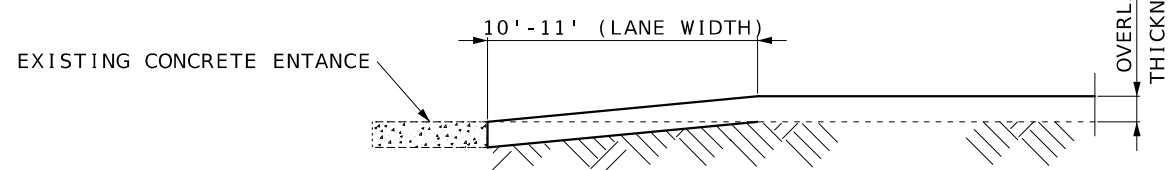
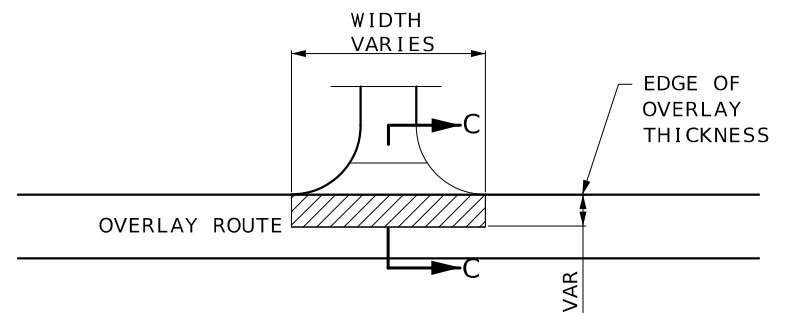
TRAVELWAY DEPTH TRANSITIONS
BEGIN/END PROJECT
BRIDGE EXCEPTION
PROJECT J4S3454 EXCEPTION



SECTION B-B
TYPICAL GRAVEL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



SECTION B-B
DEPTH TRANSISTIONS
AT ASPHALT ENTRANCE



SECTION C-C
DEPTH TRANSISTIONS
AT CONCRETE ENTRANCE

HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
5/29/2025

ROUTE Z STATE MO
DISTRICT KC SHEET NO. 4

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

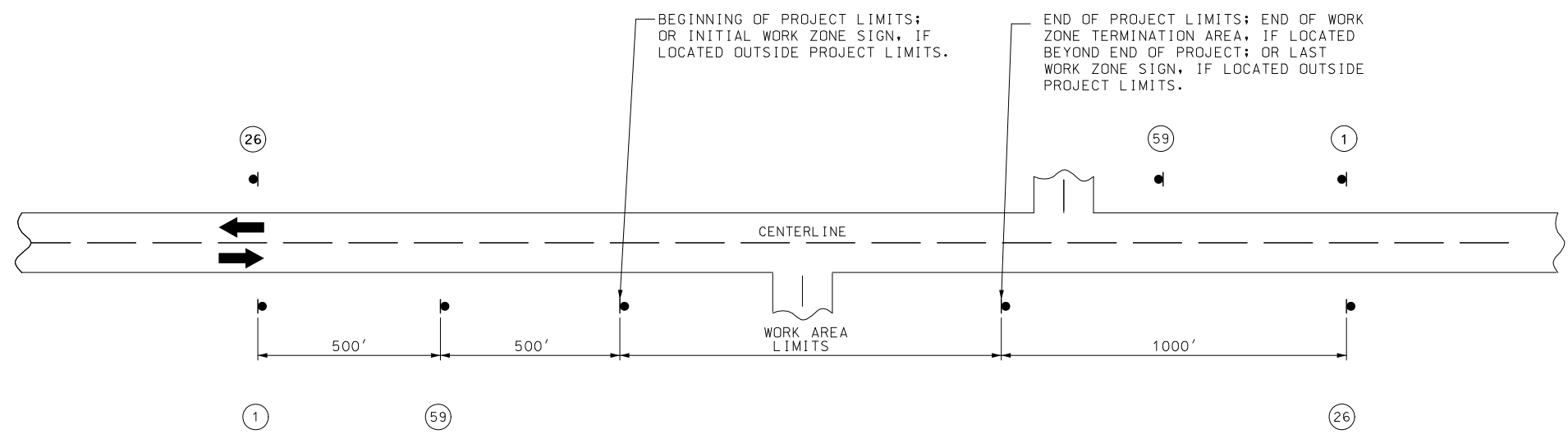
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

ROAD WORK
NEXT 13 MILES

G020-1
1

WORK ZONE
NO PHONE
ZONE

CONST-8
59

END
ROAD WORK

G020-2
26

STATE OF MISSOURI
HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

Heather R. Barrows
05/29/2025 2:46:43 PM
HEATHER R. BARROWS, CIVIL
MO-PE-2016040670

DATE PREPARED
5/29/2025

ROUTE Z	STATE MO
DISTRICT KC	SHEET NO. 5

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

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



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
5/29/2025

ROUTE
Z STATE
MO

DISTRICT
KC SHEET NO.
6

COUNTY
PLATTE/CLINTON

JOB NO.
JKU0047

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



W020-1

2



W020-4

7



W020-7a

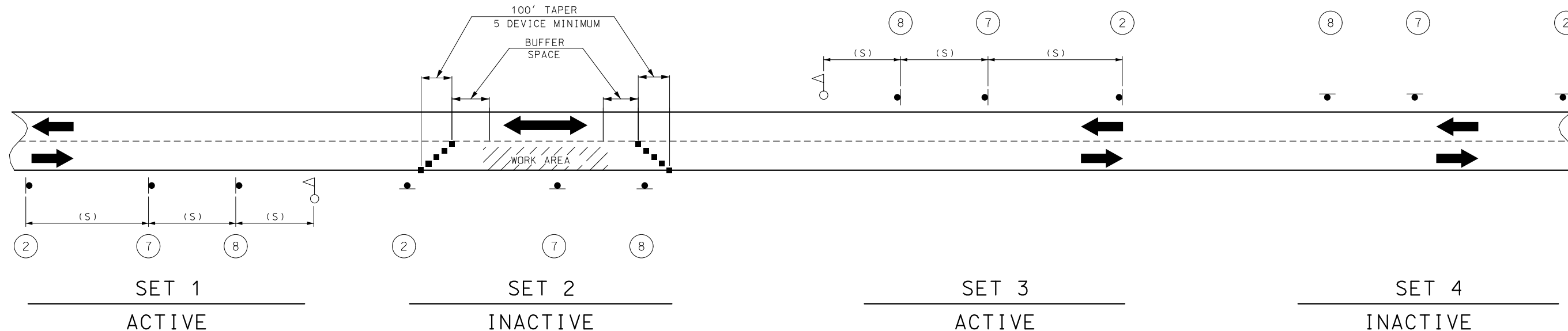
8



G020-4

53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

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

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

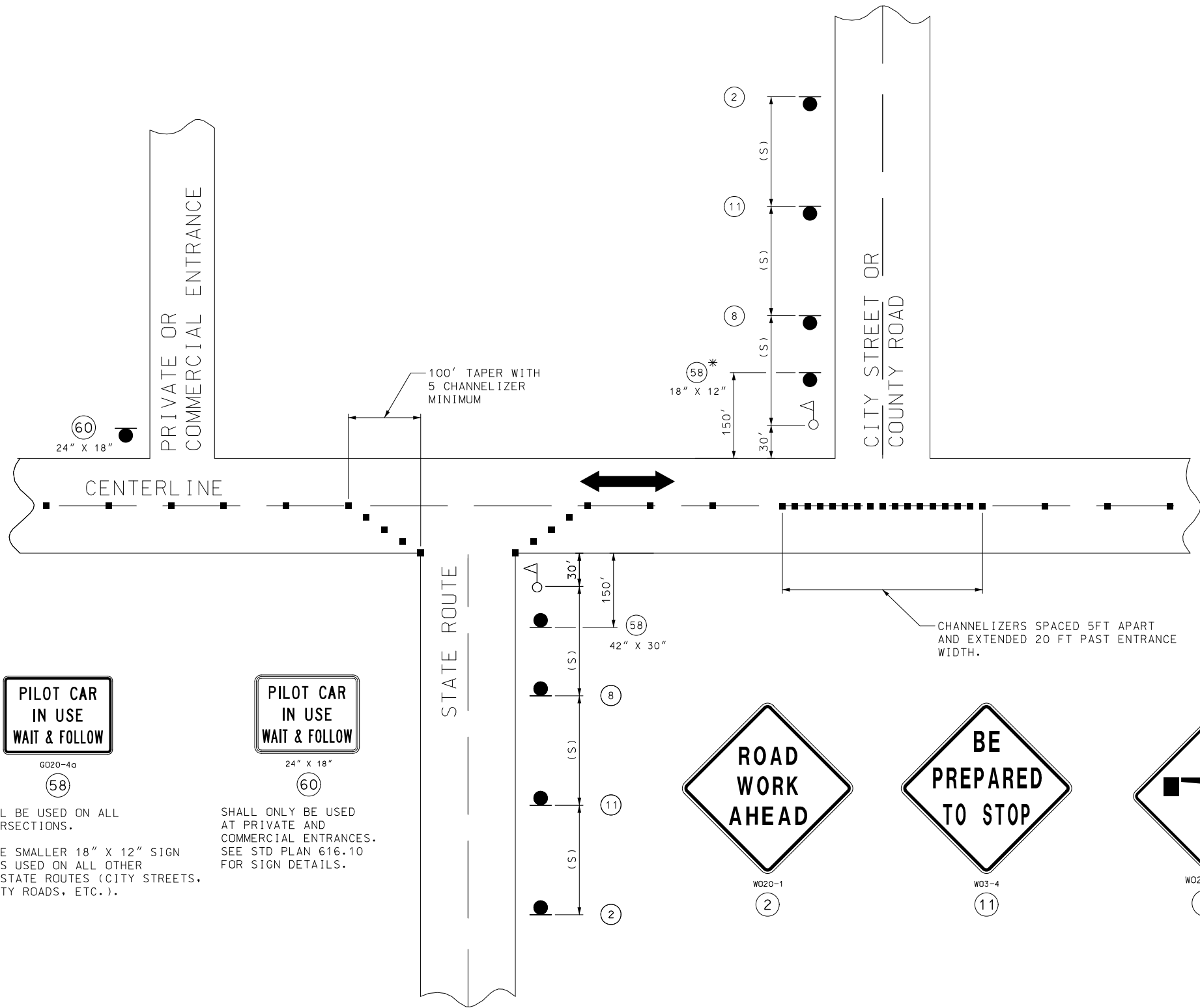
■ - CHANNELIZERS

○ - FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	250
40-45	350	360
50-55	500	495

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/ WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

- NOTES:
- WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.
- ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.
- - CHANNELIZERS (AS SPECIFIED)
- △ - FLAGGER

NOT TO SCALE

STATE OF MISSOURI

HEATHER R. BARROWS

NUMBER
PE-2016040670

PROFESSIONAL ENGINEER

Heather R. Barrows

05/29/2025 2:47:36 PM

HEATHER R. BARROWS - CIVIL

MO-PE-2016040670

DATE PREPARED

5/29/2025

ROUTE

Z

DISTRICT

KC

STATE

MO

SHEET NO.

7

COUNTY

PLATTE/CLINTON

JOB NO.

JKU0047

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

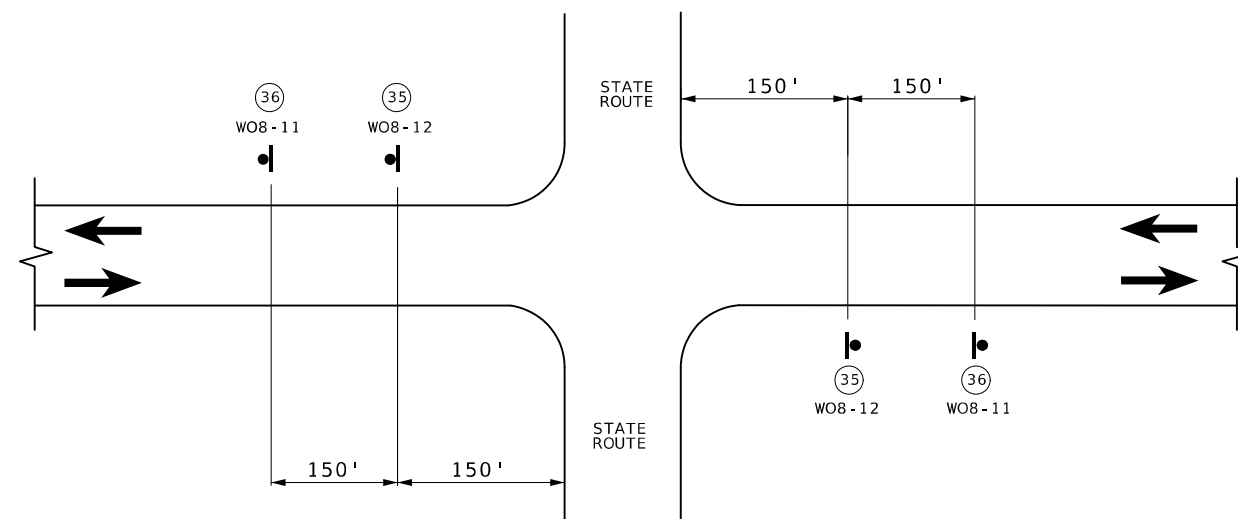
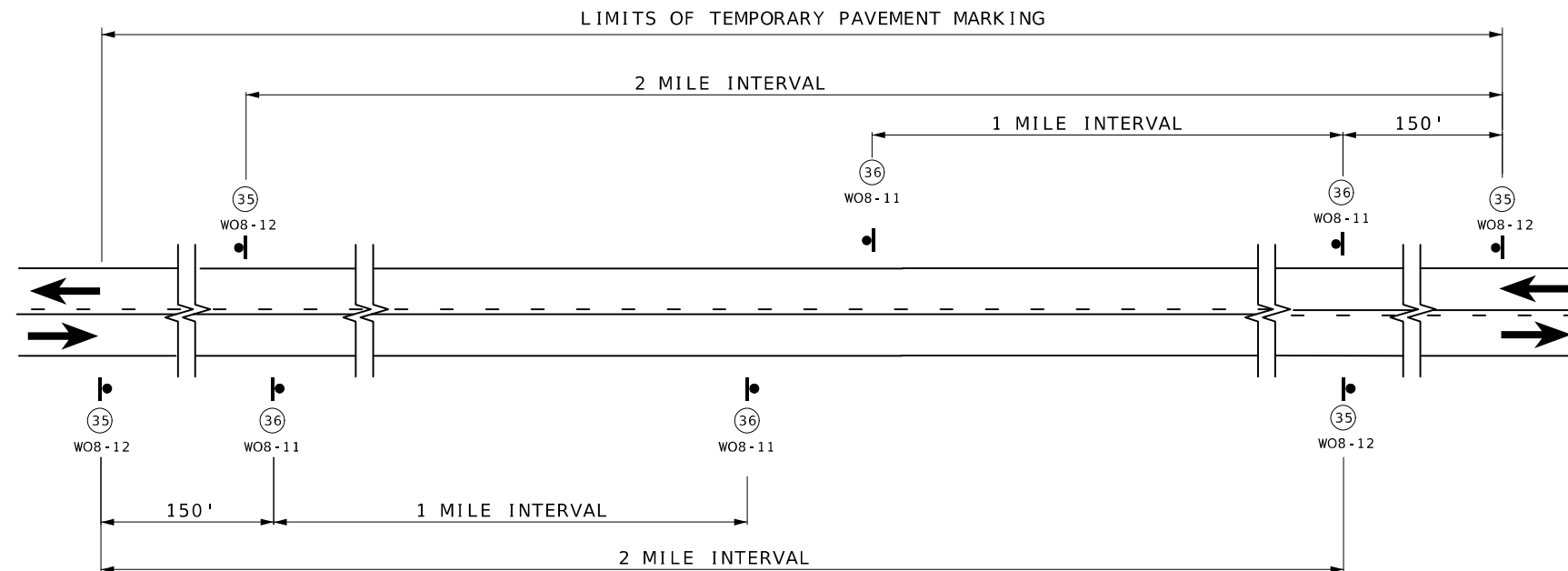
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-275-6636)

MoDOT



NOTES :

SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH
STANDARD PLAN 616.10 AND 903.03.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 5



Heather R. Barrows
05/29/2025 2:48:01 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED

5/29/2025

ROUTE	STATE
7	MO

Z	MO
DISTRICT	SHEET NO

KC 8

COUNTY	
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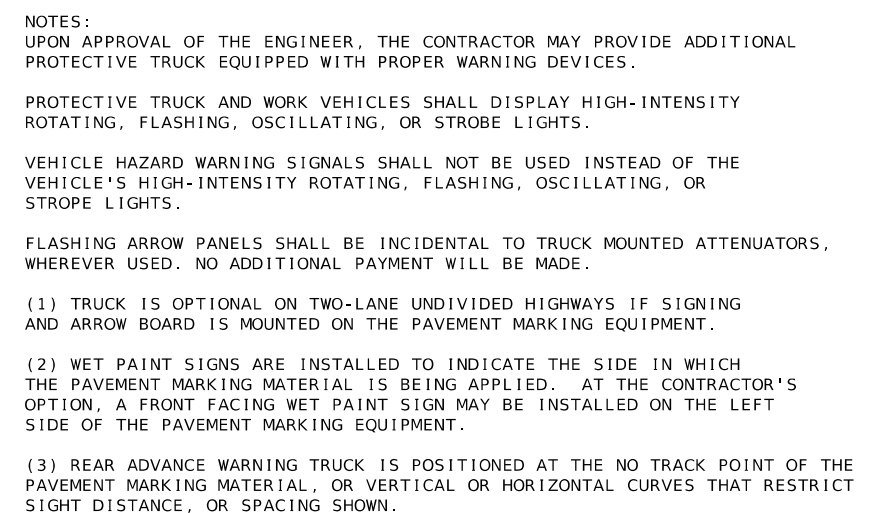
PLATTE / CLINTON

JOB NO.
1110017

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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[illegible]