DESIGN DESIGNATION

A.A.D.T. - 2025 = 2,187
V = 45/55/60 M.P.H.
T = 20.8%
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

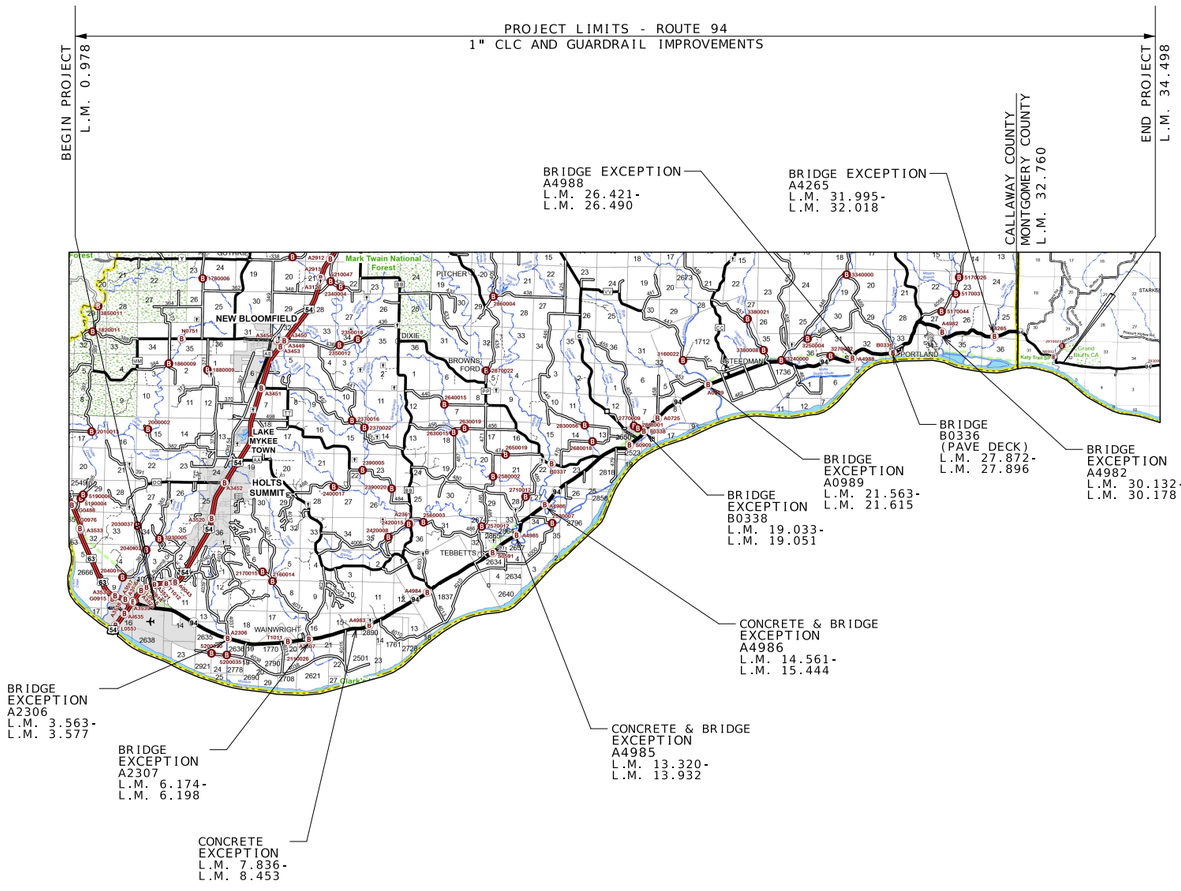
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

CALLAWAY & MONTGOMERY COUNTIES



KEY MAP
LOCATION OF CALLAWAY & MONTGOMERY 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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (10 SHEET)	3
SPECIAL SHEET (SS)	4-22
TRAFFIC CONTROL SHEETS (TC)	23-27
BRIDGE DRAWINGS (B)	
B03361	1-2
B03381	1-2

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE	0.978
END OF PROJECT	LOG MILE	34.498
APPARENT LENGTH	33.520	MILES

EQUATIONS AND EXCEPTIONS:

	LOG MILE	LOG MILE	FEET
BRIDGE A2306	3.563	3.577	75.00
BRIDGE A2307	6.174	6.198	125.00
CONCRETE	7.836	8.453	3,260.00
CONCRETE & BRIDGE A4985	13.320	13.932	3,231.36
CONCRETE & BRIDGE A4986	14.561	15.444	4,663.00
BRIDGE B0338	19.033	19.051	93.00
BRIDGE A0989	21.563	21.615	273.00
BRIDGE A4988	26.421	26.490	363.00
BRIDGE A4982	30.132	30.178	243.90
BRIDGE A4265	31.995	32.018	121.00

TOTAL CORRECTIONS	12,448.26	FEET
NET LENGTH OF PROJECT	164,537.34	FEET
STATE LENGTH	31.162	MILES

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:26:07 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	1

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

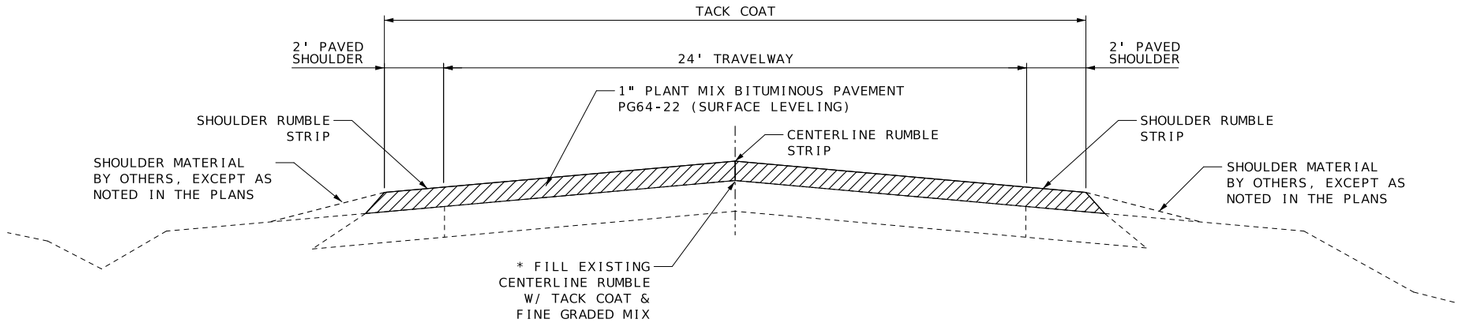
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

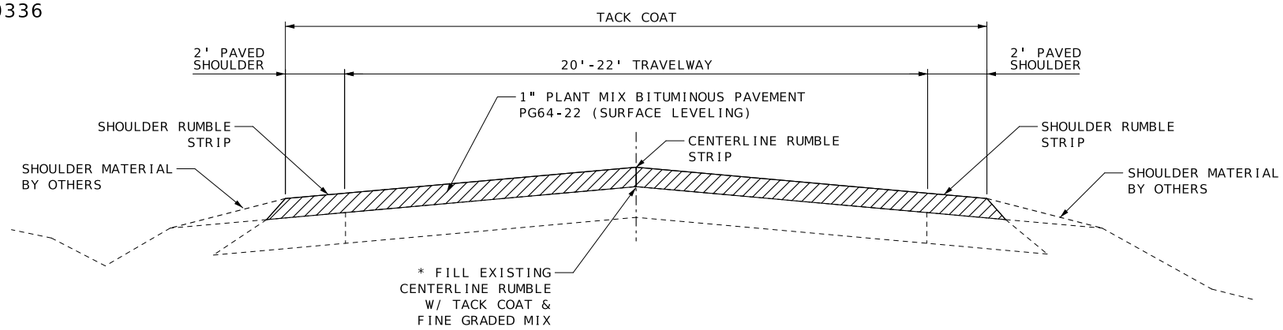
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



EXCEPTIONS:
LOG MILE 3.563 TO LOG MILE 3.577 - BRIDGE A2306
LOG MILE 6.174 TO LOG MILE 6.198 - BRIDGE A2307
LOG MILE 7.836 TO LOG MILE 8.453 - CONCRETE PAVEMENT
LOG MILE 13.320 TO LOG MILE 13.932 - BRIDGE A4985/CONCRETE PAVEMENT
LOG MILE 14.561 TO LOG MILE 15.444 - BRIDGE A4986/CONCRETE PAVEMENT
LOG MILE 19.033 TO LOG MILE 19.051 - BRIDGE B0338
LOG MILE 21.563 TO LOG MILE 21.615 - BRIDGE A0989
LOG MILE 26.421 TO LOG MILE 26.490 - BRIDGE A4988
LOG MILE 30.132 TO LOG MILE 30.178 - BRIDGE A4982
LOG MILE 31.995 TO LOG MILE 32.018 - BRIDGE A4265

TYPICAL SECTION
ROUTE 94
LOG MILE 0.978 TO LOG MILE 3.563
LOG MILE 3.577 TO LOG MILE 6.174
LOG MILE 6.198 TO LOG MILE 6.649
LOG MILE 7.754 TO LOG MILE 7.836
LOG MILE 8.453 TO LOG MILE 8.476
LOG MILE 13.932 TO LOG MILE 14.561
LOG MILE 26.338 TO LOG MILE 26.421
LOG MILE 26.490 TO LOG MILE 26.658
LOG MILE 29.976 TO LOG MILE 30.132
LOG MILE 30.178 TO LOG MILE 30.316

PAVE BRIDGE DECK:
LOG MILE 27.872 TO LOG MILE 27.896 - BRIDGE B0336



BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD³
* ASPHALTIC CONCRETE MIXTURE SP048 PG64-22	1.975 TON/YD³
TACK COAT	0.08 GAL/YD²

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

* SP048 MIX MAY BE REPLACED WITH BP-3, MICROSURFACING, OR OTHER FINE GRADED MIX AT NO ADDITIONAL COST, AS APPROVED BY THE ENGINEER.

TYPICAL SECTION
ROUTE 94
LOG MILE 6.649 TO LOG MILE 7.754
LOG MILE 8.476 TO LOG MILE 13.320
LOG MILE 15.444 TO LOG MILE 19.033
LOG MILE 19.051 TO LOG MILE 21.563
LOG MILE 21.615 TO LOG MILE 26.338
LOG MILE 26.658 TO LOG MILE 27.872
LOG MILE 27.896 TO LOG MILE 29.976
LOG MILE 30.316 TO LOG MILE 31.995
LOG MILE 32.018 TO LOG MILE 34.498

TYPICAL SECTION
SHEET 1 OF 1

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
09/28/2026 6:48:40 AM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
9/25/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	2

COUNTY
CALLAWAY/MONTGOMERY
JOB NO.
JCD0294
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)

REMOVAL OF IMPROVEMENT

LOG MILE	LOG MILE	ITEM	QUANTITY	REMARKS
6.213	6.234	CET	50 LF	BRIDGE A2307
8.095	8.178	2 CET & GUARDRAIL	438 LF	
8.096	8.198	2 CET & GUARDRAIL	538 LF	
10.258	10.315	2 CET & GUARDRAIL	300 LF	
12.74	-	OBJECT MARKER SIGN	1 EA	CULVERT S0591
13.611	13.626	CET & BRIDGE TRANS	69 LF	BRIDGE A4985
13.577	13.624	CET, GUARDRAIL & BRIDGE TRANS	244 LF	BRIDGE A4985
13.664	13.707	CET, GUARDRAIL & BRIDGE TRANS	219 LF	BRIDGE A4985
13.662	13.679	CET, GUARDRAIL & BRIDGE TRANS	106 LF	BRIDGE A4985
14.975	14.992	CET, GUARDRAIL & BRIDGE TRANS	81 LF	BRIDGE A4986
14.958	14.994	CET, GUARDRAIL & BRIDGE TRANS	181 LF	BRIDGE A4986
15.039	15.063	CET, GUARDRAIL & BRIDGE TRANS	119 LF	BRIDGE A4986
15.041	15.058	CET, GUARDRAIL & BRIDGE TRANS	81 LF	BRIDGE A4986
18.400	-	OBJECT MARKER SIGNS	3 EA	CULVERT S0909
18.400	-	BROKEN SIGN POST	1 EA	CULVERT S0909
19.022	19.033	CET & BRIDGE TRANS	56 LF	BRIDGE B0338
19.022	19.033	CET & BRIDGE TRANS	56 LF	BRIDGE B0338
19.051	19.062	CET, GUARDRAIL & BRIDGE TRANS	94 LF	BRIDGE B0338
19.051	19.062	CET & BRIDGE TRANS	56 LF	BRIDGE B0338
19.659	-	OBJECT MARKER SIGNS	4 EA	CULVERT A0725
21.552	21.563	CET & BRIDGE TRANS	56 LF	BRIDGE A0989
21.552	21.563	CET & BRIDGE TRANS	56 LF	BRIDGE A0989
21.615	21.626	CET & BRIDGE TRANS	56 LF	BRIDGE A0989
21.615	21.626	CET & BRIDGE TRANS	56 LF	BRIDGE A0989
26.404	26.417	CET & BRIDGE TRANS	69 LF	BRIDGE A4988
26.399	26.419	CET, GUARDRAIL & BRIDGE TRANS	106 LF	BRIDGE A4988
26.491	26.511	CET, GUARDRAIL & BRIDGE TRANS	106 LF	BRIDGE A4988
26.494	26.507	CET & BRIDGE TRANS	69 LF	BRIDGE A4988
27.861	27.872	CET & BRIDGE TRANS	56 LF	BRIDGE B0336
27.862	27.872	END ANCHOR, GUARDRAIL & BRIDGE TRANS	76 LF	BRIDGE B0336
27.896	27.907	CET & BRIDGE TRANS	56 LF	BRIDGE B0336
27.896		OBJECT MARKERS	2 EA	BRIDGE B0336
30.098	30.111	CET & BRIDGE TRANS	69 LF	BRIDGE A4982
30.11	30.13	CET, GUARDRAIL & BRIDGE TRANS	106 LF	BRIDGE A4982
30.18	30.203	CET, GUARDRAIL & BRIDGE TRANS	119 LF	BRIDGE A4982
30.182	30.195	CET & BRIDGE TRANS	69 LF	BRIDGE A4982
34.225	-	OBJECT MARKER SIGNS	2 EA	CULVERT N0502
34.439	34.455	CHEVRON SIGNS & POSTS	3 EA	REMOVE & RELOCATE
		USE	1 LUMP SUM	

MODIFIED COLD MILLING (DEPTH TRANSITION)

LOG MILE	LOG MILE	LOCATION	LENGTH FT	WIDTH FT	QUANTITY SY	REMARKS
0.978	0.983	ROUTE 94	25	28	77.8	BEGINNING OF PROJECT
0.983	1.016	ROUTE 94	174	6	116.0	RIGHT EOP ALONG CONCRETE PAVEMENT
1.016	1.042	ROUTE 94	137	8	121.8	RIGHT EOP ALONG CONCRETE ENTRANCE
3.558	3.563	ROUTE 94	25	28	77.8	BRIDGE A2306 OVER NEIMAN BRANCH
3.577	3.582	ROUTE 94	25	28	77.8	BRIDGE A2306 OVER NEIMAN BRANCH
6.169	6.174	ROUTE 94	25	28	77.8	BRIDGE A2307 OVER RIVAUX CREEK
6.198	6.203	ROUTE 94	25	28	77.8	BRIDGE A2307 OVER RIVAUX CREEK
7.831	7.836	ROUTE 94	25	28	77.8	BEGIN CONCRETE EXCEPTION
8.453	8.458	ROUTE 94	25	28	77.8	END CONCRETE EXCEPTION
13.315	13.320	ROUTE 94	25	26	72.2	BEGINNING CONCRETE EXCEPTION
13.932	13.937	ROUTE 94	25	28	77.8	END CONCRETE EXCEPTION
14.556	14.561	ROUTE 94	25	28	77.8	BEGIN CONCRETE EXCEPTION
15.444	15.449	ROUTE 94	25	26	72.2	END CONCRETE EXCEPTION
19.028	19.033	ROUTE 94	25	26	72.2	BRIDGE B0338 OVER EAST WING CREEK
19.051	19.056	ROUTE 94	25	26	72.2	BRIDGE B0338 OVER EAST WING CREEK
21.558	21.563	ROUTE 94	25	26	72.2	BRIDGE A0989 OVER AUXVASSE CREEK
21.615	21.620	ROUTE 94	25	26	72.2	BRIDGE A0989 OVER AUXVASSE CREEK
26.416	26.421	ROUTE 94	25	40	111.1	BRIDGE A4988 OVER LOGAN CREEK
26.490	26.495	ROUTE 94	25	40	111.1	BRIDGE A4988 OVER LOGAN CREEK
30.127	30.132	ROUTE 94	25	40	111.1	BRIDGE A4982 OVER BIG TAVERN CREEK
30.178	30.183	ROUTE 94	25	40	111.1	BRIDGE A4982 OVER BIG TAVERN CREEK
31.990	31.995	ROUTE 94	25	28	77.8	BRIDGE A4265 OVER LITTLE TAVERN CREEK
32.018	32.023	ROUTE 94	25	28	77.8	BRIDGE A4265 OVER LITTLE TAVERN CREEK
34.493	34.498	ROUTE 94	25	26	72.2	END OF PROJECT
10.409	-	ROUTE 94	10	24	26.7	ROUTE AA. SEE SPECIAL SHEET 3
17.360	-	ROUTE 94	10	23	25.6	ROUTE PP. SEE SPECIAL SHEET 3
18.720	-	ROUTE 94	10	26	28.9	ROUTE C. SEE SPECIAL SHEET 3
22.299	-	ROUTE 94	10	23	25.6	ROUTE CC. SEE SPECIAL SHEET 3
29.276	-	ROUTE 94	10	23	25.6	ROUTE D. SEE SPECIAL SHEET 3
1.338	-	ROUTE 94	140	2	31.1	COOPER DR
3.616	-	ROUTE 94	90	2	20.0	CR 4037
6.000	-	ROUTE 94	75	2	16.7	CR 4029
6.237	-	ROUTE 94	90	2	20.0	CR 4031
12.059	-	ROUTE 94	50	2	11.1	CR 4011
12.219	-	ROUTE 94	170	2	37.8	TEBBETTS FIRE STATION ENTRANCE
12.460	-	ROUTE 94	60	2	13.3	CR 485
26.655	-	ROUTE 94	60	2	13.3	PRIVATE ENTRANCE
27.404	-	ROUTE 94	35	2	7.8	PRIVATE ENTRANCE
27.944	-	ROUTE 94	30	2	6.7	MAIN ST
27.944	-	ROUTE 94	40	2	8.9	MAIN ST
27.994	-	ROUTE 94	35	2	7.8	MARKET ST
28.326	-	ROUTE 94	115	2	25.6	CR 466
				TOTAL	2395.9	
				USE	2396	

MOBILIZATION
TOTAL = 1 LUMP SUM

GRAVEL (A) OR CRUSHED STONE (B)

LOG MILE	LOG MILE	LOCATION	LENGTH MI	AVG WIDTH LF	QUANTITY TON	REMARKS
0.978	3.527	ROUTE 94 - LT	2.55	8.00	698.1	3" TO 0" THICKNESS
1.039	3.536	ROUTE 94 - RT	2.50	8.00	684.4	3" TO 0" THICKNESS
3.616	6.147	ROUTE 94 - LT	2.53	8.00	692.7	3" TO 0" THICKNESS
3.616	6.417	ROUTE 94 - RT	2.80	8.00	766.6	3" TO 0" THICKNESS
6.217	6.557	ROUTE 94 - LT	0.34	8.00	93.1	3" TO 0" THICKNESS
6.217	6.557	ROUTE 94 - RT	0.34	8.00	93.1	3" TO 0" THICKNESS
0.978	32.760	ROUTE 94 - LT & RT	31.78	-	1271.2	AGG. ENTRANCES AND COUNTY ROADS
32.760	34.498	ROUTE 94 - LT & RT	1.74	-	69.6	AGG. ENTRANCES AND COUNTY ROADS
				TOTAL	4368.8	ESTIMATE FACTOR:
				USE	4369	1.4 TONS/CY

NOTE: ESTIMATED AGG. ENTRANCES AND COUNTY ROADS AT 40 TONS/MILE

SUMMARY OF QUANTITIES
SHEET 1 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
09/28/2026 6:48:06 AM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 9/25/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 3
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

GUARDRAIL

APPROX. LOG MILE	APPROX. LOG MILE	LOCATION	MGS GUARDRAIL LF	BRIDGE APPROACH TRANSITION (REG/NO CURB) EA	BRIDGE APPROACH TRANSITION (EXTENDED CURB) EA	ASYMETRICAL TRANSITION SECTION 6.5 FT POSTS EA	BRIDGE ANCHOR SECTION (SAFETY BARRIER CURB) EA	TYPE A CRASHWORTHY END TERMINAL (MASH) EA	MGS END ANCHOR EA	SHAPING SLOPES CLASS III 100 FT	REMARKS
6.213	6.234	RTE 94 - LT	62.5					1		1.38	BRIDGE A2307 OVER RIVAUX CREEK
8.095	8.178	RTE 94 - LT	337.5					2			
8.096	8.198	RTE 94 - RT	437.5					2			
10.258	10.315	RTE 94 - LT	200.0					2		1.00	
13.611	13.626	RTE. 94 - LT	37.5	1					1		BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
13.577	13.624	RTE. 94 - RT	162.5	1				1			BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
13.664	13.707	RTE. 94 - LT	137.5	1				1		2.50	BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
13.662	13.679	RTE. 94 - RT	37.5	1				1			BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
14.975	14.992	RTE. 94 - LT		1				1			BRIDGE A4986 OVER MIDDLE RIVER
14.958	14.994	RTE. 94 - RT	100.0	1				1			BRIDGE A4986 OVER MIDDLE RIVER
15.039	15.063	RTE. 94 - LT	37.5	1				1			BRIDGE A4986 OVER MIDDLE RIVER
15.041	15.058	RTE. 94 - RT		1				1			BRIDGE A4986 OVER MIDDLE RIVER
19.014	19.033	RTE. 94 - LT	12.5	1				1		0.70	BRIDGE B0338 OVER EAST WING CREEK
19.000	19.033	RTE. 94 - RT	87.5	1				1		1.45	BRIDGE B0338 OVER EAST WING CREEK
19.051	19.084	RTE. 94 - LT	87.5	1				1		1.05	BRIDGE B0338 OVER EAST WING CREEK
19.051	19.070	RTE. 94 - RT	12.5	1				1		0.70	BRIDGE B0338 OVER EAST WING CREEK
21.546	21.563	RTE. 94 - LT		1				1		0.58	BRIDGE A0989 OVER AUXVASSE CREEK
21.544	21.563	RTE. 94 - RT	12.5	1				1		0.70	BRIDGE A0989 OVER AUXVASSE CREEK
21.615	21.626	RTE. 94 - LT	25.0	1					1	0.38	BRIDGE A0989 OVER AUXVASSE CREEK
21.615	21.626	RTE. 94 - RT	25.0	1					1	0.38	BRIDGE A0989 OVER AUXVASSE CREEK
26.398	26.417	RTE. 94 - LT	12.5		1			1			BRIDGE A4988 OVER LOGAN CREEK
26.386	26.419	RTE. 94 - RT	87.5	1				1			BRIDGE A4988 OVER LOGAN CREEK
26.491	26.524	RTE. 94 - LT	87.5	1				1			BRIDGE A4988 OVER LOGAN CREEK
26.494	26.511	RTE. 94 - RT		1				1			BRIDGE A4988 OVER LOGAN CREEK
27.855	27.872	RTE. 94 - LT		1				1		0.58	BRIDGE B0336 OVER EAGLE CREEK
27.862	27.872	RTE. 94 - RT	37.5			1	1		1		BRIDGE B0336 OVER EAGLE CREEK
27.896	27.922	RTE. 94 - LT	50.0	1				1		0.88	BRIDGE B0336 OVER EAGLE CREEK
27.896	27.906	RTE. 94 - RT	12.5	1					1	0.63	BRIDGE B0336 OVER EAGLE CREEK
30.111	30.128	RTE. 94 - LT		1				1			BRIDGE A4982 OVER BIG TAVERN CREEK
30.102	30.130	RTE. 94 - RT	62.5		1			1		0.70	BRIDGE A4982 OVER BIG TAVERN CREEK
30.180	30.208	RTE. 94 - LT	62.5		1			1			BRIDGE A4982 OVER BIG TAVERN CREEK
30.182	30.201	RTE. 94 - RT	12.5		1			1		0.55	BRIDGE A4982 OVER BIG TAVERN CREEK
		TOTAL	2237.5	23	4	1	1	30	5	14.16	
		USE	2238	23	4	1	1	30	5	14	
				NOTES: CONTRACTOR SHOULD ASSUME NEW HOLES WILL BE REQUIRED TO ATTACH CURRENT STANDARD BRIDGE ANCHOR SECTION.							

PATCHING ROUTES FOR DAMAGED PAVEMENT

LOG MILE	LOG MILE	LOCATION	NET LENGTH MILES	REMOVAL OF DAMAGED PAVEMENT SY	REPLACEMENT OF DAMAGED PAVEMENT TON	REMARKS
0.978	34.498	ROUTE 94	33.52	1890	567	
			TOTAL	1890	567	
			USE	1890	567	

SUMMARY OF QUANTITIES
SHEET 2 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:23:55 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED 8/7/2026
ROUTE 94 | STATE MO
DISTRICT CD/NE | SHEET NO. 3
COUNTY CALLAWAY/MONTGOMERY
JOB NO. JCD0294
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)							
LOG MILE	LOG MILE	LOCATION	LENGTH FT	4" INT YELLOW LF	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS
0.987	1.018	ROUTE 94	164	0	328	328	NO PASSING & HASH BARS
1.018	1.158	ROUTE 94	739	185	739	1478	EB PASSING
1.158	1.358	ROUTE 94	1056	264		2112	INT
1.358	1.637	ROUTE 94	1473	368	1473	2946	WB PASSING
1.637	1.677	ROUTE 94	211		422	422	NO PASSING
1.677	1.897	ROUTE 94	1162	291	1162	2324	EB PASSING
1.897	3.376	ROUTE 94	7809	1952		15618	INT
3.376	3.596	ROUTE 94	1162	291	1162	2324	EB PASSING
3.596	6.518	ROUTE 94	15428	3857		30856	INT
6.518	6.918	ROUTE 94	2112	528	2112	4224	WB PASSING
6.918	6.979	ROUTE 94	322	81		644	INT
6.979	7.199	ROUTE 94	1162	291	1162	2324	EB PASSING
7.199	7.378	ROUTE 94	945	236		1890	INT
7.378	7.617	ROUTE 94	1262	316	1262	2524	WB PASSING
7.617	8.058	ROUTE 94	2328		4656	4656	NO PASSING
8.058	8.218	ROUTE 94	845	211	845	1690	EB PASSING
8.218	8.458	ROUTE 94	1267	317		2534	INT
8.458	8.658	ROUTE 94	1056	264	1056	2112	WB PASSING
8.658	8.738	ROUTE 94	422	106		844	INT
8.738	8.978	ROUTE 94	1267	317	1267	2534	EB PASSING
8.978	9.459	ROUTE 94	2540	635		5080	INT
9.459	9.599	ROUTE 94	739	185	739	1478	EB PASSING
9.599	9.918	ROUTE 94	1684	421		3368	INT
9.918	10.138	ROUTE 94	1162	291	1162	2324	WB PASSING
10.138	10.338	ROUTE 94	1056		2112	2112	NO PASSING
10.338	10.519	ROUTE 94	956	239	956	1912	EB PASSING
10.519	10.639	ROUTE 94	634		1268	1268	NO PASSING
10.639	10.699	ROUTE 94	317	79	317	317	WB PASSING
10.699	10.819	ROUTE 94	634	159		1268	INT
10.819	11.019	ROUTE 94	1056	264	1056	2112	EB PASSING
11.019	11.059	ROUTE 94	211	53		422	INT
11.059	11.338	ROUTE 94	1473	368	1473	2946	WB PASSING
11.338	11.378	ROUTE 94	211	422		422	NO PASSING
11.378	11.659	ROUTE 94	1484	371	1484	2968	EB PASSING
11.659	11.859	ROUTE 94	1056	264	1056	2112	WB PASSING
11.859	11.919	ROUTE 94	317	79		634	INT
11.919	12.059	ROUTE 94	739	185	739	1478	EB PASSING
12.059	12.359	ROUTE 94	1584	396		3168	INT
12.359	12.480	ROUTE 94	639	160	639	1278	EB PASSING
12.480	12.520	ROUTE 94	211	53		422	INT
12.520	12.740	ROUTE 94	1162	291	1162	2324	WB PASSING
12.740	12.780	ROUTE 94	211	53		422	INT
12.780	12.841	ROUTE 94	322	81	322	644	EB PASSING
12.841	12.921	ROUTE 94	422		844	844	NO PASSING
12.921	13.080	ROUTE 94	840	210	840	1680	WB PASSING
13.080	13.120	ROUTE 94	211	53		422	INT
13.120	13.320	ROUTE 94	1056	264	1056	2112	EB PASSING
13.320	13.500	ROUTE 94	950	238		1900	INT
13.500	13.619	ROUTE 94	628	157	628	1256	WB PASSING
13.619	14.141	ROUTE 94	2756		5512	5512	NO PASSING
14.141	14.260	ROUTE 94	628	157		1256	EB PASSING
14.260	14.481	ROUTE 94	1167		2334	2334	NO PASSING
14.481	14.561	ROUTE 94	422	106	422	844	EB PASSING
14.561	14.981	ROUTE 94	2218	555		4436	INT
14.981	15.040	ROUTE 94	312	78	312	624	WB PASSING
15.040	15.181	ROUTE 94	744		1488	1488	NO PASSING
15.181	15.301	ROUTE 94	634	159	634	1268	EB PASSING
15.301	15.381	ROUTE 94	422	106		844	INT
15.381	15.540	ROUTE 94	840	210	840	1680	WB PASSING
15.540	15.680	ROUTE 94	739	185	739	1478	EB PASSING
15.680	15.740	ROUTE 94	317	79		634	INT
15.740	15.960	ROUTE 94	1162	291	1162	2324	WB PASSING
		SUBTOTAL (1)		17772	48942	157799	

SUMMARY OF QUANTITIES
SHEET 3 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
09/29/2026 6:48:23 AM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
9/25/2026

ROUTE 94 | STATE MO
DISTRICT CD/NE | SHEET NO. 3
COUNTY CALLAWAY/MONTGOMERY
JOB NO. JCD0294
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)

LOG MILE	LOG MILE	LOCATION	LENGTH FT	4" INT YELLOW LF	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS
15.960	16.160	ROUTE 94	1056	264	1056	2112	EB PASSING
16.160	16.490	ROUTE 94	1742	436	1742	3484	WB PASSING
16.490	16.580	ROUTE 94	475	119		950	INT
16.580	16.620	ROUTE 94	211	53	211	422	EB PASSING
16.620	16.800	ROUTE 94	950		1900	1900	NO PASSING
16.800	17.040	ROUTE 94	1267	317	1267	2534	EB PASSING
17.040	17.200	ROUTE 94	845	211		1690	INT
17.200	17.479	ROUTE 94	1473	368	1473	2946	WB PASSING
17.479	17.499	ROUTE 94	106	27		212	INT
17.499	17.659	ROUTE 94	845	211	845	1690	EB PASSING
17.659	17.739	ROUTE 94	422	106		844	INT
17.739	17.959	ROUTE 94	1162	291	1162	2324	WB PASSING
17.959	18.138	ROUTE 94	945		1890	1890	NO PASSING
18.138	18.259	ROUTE 94	639	160	639	1278	WB PASSING
18.259	18.440	ROUTE 94	956		1912	1912	NO PASSING
18.440	18.620	ROUTE 94	950	238	950	1900	EB PASSING
18.620	18.720	ROUTE 94	528	132		1056	INT
18.720	18.900	ROUTE 94	950	238	950	1900	WB PASSING
18.900	19.140	ROUTE 94	1267		2534	2534	NO PASSING
19.140	19.379	ROUTE 94	1262	316	1262	2524	EB PASSING
19.379	19.409	ROUTE 94	158		316	316	NO PASSING
19.409	19.560	ROUTE 94	797	199	797	1594	WB PASSING
19.560	19.660	ROUTE 94	528		1056	1056	NO PASSING
19.660	19.919	ROUTE 94	1368	342	1368	2736	EB PASSING
19.919	20.099	ROUTE 94	950		1900	1900	NO PASSING
20.099	20.318	ROUTE 94	1156	289	1156	2312	EB PASSING
20.318	21.337	ROUTE 94	5380	1345		10760	INT
21.337	21.559	ROUTE 94	1172	293	1172	2344	WB PASSING
21.559	21.637	ROUTE 94	412		824	824	NO PASSING
21.637	21.859	ROUTE 94	1172	293	1172	2344	EB PASSING
21.859	23.318	ROUTE 94	7704		15408	15408	INT
23.318	23.577	ROUTE 94	1368	342	1368	2736	WB PASSING
23.577	23.818	ROUTE 94	1272	318	1272	2544	EB PASSING
23.818	23.877	ROUTE 94	312	78		624	INT
23.877	24.127	ROUTE 94	1320	330	1320	2640	WB PASSING
24.127	24.317	ROUTE 94	1003	251	1003	2006	EB PASSING
24.317	24.437	ROUTE 94	634	159		1268	INT
24.437	24.617	ROUTE 94	950	238	950	1900	WB PASSING
24.617	25.137	ROUTE 94	2746		5492	5492	NO PASSING
25.137	25.358	ROUTE 94	1167	292	1167	2334	EB PASSING
25.358	25.538	ROUTE 94	950	238		1900	INT
25.538	25.737	ROUTE 94	1051	263	1051	2102	WB PASSING
25.737	25.817	ROUTE 94	422		844	844	NO PASSING
25.817	26.057	ROUTE 94	1267	317	1267	2534	EB PASSING
26.057	26.077	ROUTE 94	106		212	212	NO PASSING
26.077	26.237	ROUTE 94	845	211	845	1690	WB PASSING
26.237	31.877	ROUTE 94	29779		59558	59558	NO PASSING
31.877	32.077	ROUTE 94	1056	264	1056	2112	EB PASSING
32.077	32.097	ROUTE 94	106		212	212	NO PASSING
32.097	32.197	ROUTE 94	528	132	528	1056	WB PASSING
32.197	32.237	ROUTE 94	211	53		422	INT
32.237	32.318	ROUTE 94	428	107	428	856	EB PASSING
32.318	32.398	ROUTE 94	422		844	844	NO PASSING
32.398	32.498	ROUTE 94	528	132	528	1056	WB PASSING
32.498	32.760	ROUTE 94	1383		2766	2766	NO PASSING
32.760	33.475	ROUTE 94	3775		7550	7550	NO PASSING
33.475	33.595	ROUTE 94	634	159	634	1268	EB PASSING
33.595	33.635	ROUTE 94	211		422	422	NO PASSING
33.635	33.775	ROUTE 94	739	185	739	1478	WB PASSING
33.775	34.498	ROUTE 94	3817		7634	7634	NO PASSING
		SUBTOTAL (2)		9445	139743	186888	
		SUBTOTAL (1)		17772	48942	157799	
			USE	215902		344687	

PREFORMED THERMOPLASTIC PAVEMENT MARKING

LOG MILE	LOG MILE	LOCATION	WIDTH FT	24" SOLID YELLOW LF	24" SOLID WHITE LF	REMARKS
0.987	1.018	ROUTE 94		18		
34.461		ROUTE 94	8		40	5 BARS - KATY TRAIL CROSSING
			TOTAL	18	40	
			USE	18	40	

SUMMARY OF QUANTITIES
SHEET 4 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
09/28/2026 6:48:54 AM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
9/25/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	3

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

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)

ASPHALT RESURFACING

LOG MILE	LOG MILE	LOCATION	LENGTH MI	LENGTH LF	AVG WIDTH FT	BITUMINOUS PAVEMENT MIX PG64-22 (SURFACE LEVELING) TONS	* ASPHALTIC CONCRETE MIX PG64-22 (SP048F MIX) TONS	TACK 0.08 GAL/SY GAL	REMARKS
0.978	1.016	ROUTE 94	0.038	200.6	27	33.22	0.31	49.93	
1.016	3.563	ROUTE 94	2.547	13,448.2	28	2309.27	20.71	3466.65	
3.563	3.577	ROUTE 94	0.014	75.0					BRIDGE A2306 EXCEPTION
3.577	6.174	ROUTE 94	2.597	13,712.2	28	2354.60	21.12	3534.70	
6.174	6.198	ROUTE 94	0.024	125.0					BRIDGE A2307 EXCEPTION
6.198	6.649	ROUTE 94	0.451	2,381.3	28	408.91	3.67	613.85	
6.649	7.754	ROUTE 94	1.105	5,834.4	26	930.30	8.98	1400.26	
7.754	7.836	ROUTE 94	0.082	433.0	28	74.35	0.67	111.62	
7.836	8.453	ROUTE 94	0.617	3,257.8	28				CONCRETE EXCEPTION
8.453	8.476	ROUTE 94	0.023	121.4	28	20.85	0.19	31.29	
8.476	13.320	ROUTE 94	4.844	25,576.3	24	3764.45	39.39	5683.62	
13.320	13.625	ROUTE 94	0.305	1,610.4	28				CONCRETE EXCEPTION
13.625	13.663	ROUTE 94	0.038	202.0					BRIDGE A4985 EXCEPTION
13.663	13.932	ROUTE 94	0.269	1,420.3	28				CONCRETE EXCEPTION
13.932	14.561	ROUTE 94	0.629	3,321.1	28	570.29	5.11	856.11	
14.561	14.993	ROUTE 94	0.432	2,281.0	28				CONCRETE EXCEPTION
14.993	15.040	ROUTE 94	0.047	250.2					BRIDGE A4986 EXCEPTION
15.040	15.444	ROUTE 94	0.404	2,133.1	28				CONCRETE EXCEPTION
15.444	19.033	ROUTE 94	3.589	18,949.9	24	2789.14	29.18	4211.09	
19.033	19.051	ROUTE 94	0.018	93.0					BRIDGE B0338 EXCEPTION
19.051	21.563	ROUTE 94	2.512	13,263.4	26	2114.86	20.43	3183.22	
21.563	21.615	ROUTE 94	0.052	273.0					BRIDGE A0989 EXCEPTION
21.615	26.338	ROUTE 94	4.723	24,937.4	26.0	3976.28	38.40	5984.98	
26.338	26.421	ROUTE 94	0.083	438.2	28.0	75.25	0.67	112.96	
26.421	26.490	ROUTE 94	0.069	363.0					BRIDGE A4988 EXCEPTION
26.490	26.658	ROUTE 94	0.168	887.0	28	152.31	1.37	228.65	
26.658	27.872	ROUTE 94	1.214	6,409.9	25	982.75	9.87	1481.40	
27.872	27.896	ROUTE 94	0.024	129.2	24	19.02		28.71	BRIDGE B0336 - PAVE DECK
27.896	29.976	ROUTE 94	2.08	10,982.4	25	1683.80	16.91	2538.15	
29.976	30.132	ROUTE 94	0.156	823.7	28	141.44	1.27	212.33	
30.132	30.178	ROUTE 94	0.046	243.9					BRIDGE A4982 EXCEPTION
30.178	30.316	ROUTE 94	0.138	728.6	28	125.11	1.12	187.82	
30.316	31.995	ROUTE 94	1.679	8,865.1	25	1359.18	13.65	2048.82	
31.995	32.018	ROUTE 94	0.023	121.0					BRIDGE A4265 EXCEPTION
32.018	32.760	ROUTE 94	0.742	3,917.8	25	600.67	6.03	905.45	MONTGOMERY COUNTY LINE
32.760	34.498	ROUTE 94	1.738	9,176.6	25	1406.94	14.13	2120.81	
10.409		ROUTE 94		-	-	19.85		28.76	ROUTE AA. SEE SPECIAL SHEET 3. APPOX. AREA = 3236 SF.
17.360		ROUTE 94		-	-	24.41		35.38	ROUTE PP. SEE SPECIAL SHEET 3. APPOX. AREA = 3980 SF.
18.720		ROUTE 94		-	-	29.74		43.11	ROUTE C. SEE SPECIAL SHEET 3. APPOX. AREA = 4850 SF.
22.299		ROUTE 94		-	-	24.73		35.85	ROUTE CC. SEE SPECIAL SHEET 3. APPOX. AREA = 4033 SF.
29.276		ROUTE 94		-	-	30.01		43.50	ROUTE D. SEE SPECIAL SHEET 3. APPOX. AREA = 4894 SF.
		ROUTE 94		990.00	2.00	12.14		17.60	PAVED ENTRANCES AND STREETS - 2' WING OUT
						281.39			20% FOR IRREGULARITIES AND ENTRANCES - NE
						4897.21			20% FOR IRREGULARITIES AND ENTRANCES - CD
									ESTIMATE FACTOR:
					SUBTOTAL	31,212.47	253.18	39,196.62	SURFACE LEVEL MIX - 1.987 TONS/CY
					USE	31,212.5	253.2	39,197	SP048 MIX - 1.975 TONS/CY

*PRIOR TO OVERLAY, EXISTING CENTERLINE RUMBLE STRIPS SHALL BE FILLED WITH TACK COAT AND SP048 OR OTHER FINE GRADED MIX, SUCH AS MICROSURFACE OR BP-3, AS APPROVED BY THE ENGINEER

SUMMARY OF QUANTITIES
SHEET 5 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:25:25 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 3
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

CENTERLINE RUMBLE STRIPS

LOG MILE	LOG MILE	LOCATION	LENGTH MI	LENGTH LF	BITUMINOUS CENTERLINE RUMBLE STRIPS STA	REMARKS
0.978	3.563	ROUTE 94	2.585	13648.80	136.49	
3.563	3.577	ROUTE 94	0.014	73.92		BRIDGE A2306 EXCEPTION
3.577	6.174	ROUTE 94	2.597	13712.16	137.12	
6.174	6.198	ROUTE 94	0.024	126.72		BRIDGE A2307 EXCEPTION
6.198	6.690	ROUTE 94	0.492	2597.76	25.98	
6.690	7.795	ROUTE 94	1.105	5834.40	58.34	
7.795	7.836	ROUTE 94	0.041	216.48	2.16	
7.836	8.453	ROUTE 94	0.617	3257.76		CONCRETE EXCEPTION
8.453	8.530	ROUTE 94	0.077	406.56	4.07	
8.530	13.320	ROUTE 94	4.790	25291.20	252.91	
13.320	13.641	ROUTE 94	0.321	1694.88		CONCRETE EXCEPTION
13.641	13.679	ROUTE 94	0.038	200.64		BRIDGE A4985 EXCEPTION
13.679	13.932	ROUTE 94	0.253	1335.84		CONCRETE EXCEPTION
13.932	14.561	ROUTE 94	0.629	3321.12	33.21	
14.561	15.000	ROUTE 94	0.439	2317.92		CONCRETE EXCEPTION
15.000	15.047	ROUTE 94	0.047	248.16		BRIDGE A4986 EXCEPTION
15.047	15.444	ROUTE 94	0.397	2096.16		CONCRETE EXCEPTION
15.444	19.033	ROUTE 94	3.589	18949.92	189.50	
19.033	19.051	ROUTE 94	0.018	95.04		BRIDGE B0338 EXCEPTION
19.051	21.563	ROUTE 94	2.512	13263.36	132.63	
21.563	21.615	ROUTE 94	0.052	274.56		BRIDGE A0989 EXCEPTION
21.615	26.338	ROUTE 94	4.723	24937.44	249.37	
26.338	26.421	ROUTE 94	0.083	438.24	4.38	
26.421	26.490	ROUTE 94	0.069	364.32		BRIDGE A4988 EXCEPTION
26.490	27.655	ROUTE 94	1.165	6151.20	61.51	
27.655	28.137	ROUTE 94	0.482	2544.96		PORTLAND (45 MPH) EXCEPTION
28.137	30.127	ROUTE 94	1.990	10507.20	105.07	
30.127	30.132	ROUTE 94	0.005	26.40	0.26	
30.132	30.178	ROUTE 94	0.046	242.88		BRIDGE A4982 EXCEPTION
30.178	32.014	ROUTE 94	1.836	9694.08	96.94	
31.995	32.018	ROUTE 94	0.023	121.44		BRIDGE A4265 EXCEPTION
32.018	32.760	ROUTE 94	0.742	3917.76	39.18	MONTGOMERY COUNTY LINE
32.760	34.498	ROUTE 94	1.738	9176.64	91.77	
				TOTAL	1620.89	
				USE	1620.90	

STANDARD SIGN ASSEMBLIES

LOG MILE	LOCATION	TYPE SHF - FLAT SHEET FLUORESCENT SIGN DESCRIPTION, SIZES & NUMBER - QTY. (EA) OM3-L	OM3-R	W11-15	W16-7P
12.740	ROUTE 94	4	4		
18.400	ROUTE 94	6	4		
19.659	ROUTE 94	4	4		
34.225	ROUTE 94	6	6		
34.455	ROUTE 94 - RT			1	1
34.467	ROUTE 94 - LT			1	1
	TOTAL	20	18	2	2

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	QTY.	SIZE, TYPE & SQUARE FEET: SIZE	FLAT SHEET FLUORESCENT, SHF ITEM NO. 9035069A SF
OBJECT MARKER LT (OM3-L)	STD	20	12" X 36"	60
OBJECT MARKER RT (OM3-R)	STD	18	12" X 36"	54
BICYCLE/PEDESTRIAN (W11-15)	STD	2	36" X 36"	18
DOWN ARROW (W16-7P)	STD	2	30" X 21"	8.75
		TOTAL		140.75
		USE		141

SIGN NO.	LOCATION	LOG MILE	PERFORATED SQUARE STEEL TUBE** POST QTY EA	U-CHANNEL POST (13' EA) ITEM NO. 9031250A LF	2.5" POST ITEM NO. 9031280 LF	CONCRETE ANCHOR ITEM NO. 9031285 EA
S1	ROUTE 94	12.740	6	78		
S2	ROUTE 94	18.400	8	104		
S3	ROUTE 94	19.659	4	52		
S4	ROUTE 94	34.225	10	130		
S5	ROUTE 94	34.455	1		16	1
S6	ROUTE 94	34.467	1		16	1
			TOTAL	364	32	2

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR. PSST POST SHALL BE CUT IN THE FIELD TO MEET MINIMUM SIGN MOUNTNG HEIGHT, AS SHOWN IN STD PLAN 903.03, AT NO DIRECT PAY.

SUMMARY OF QUANTITIES
SHEET 6 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:26:25 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED 8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	3

COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

SHOULDER RUMBLE STRIPS (1)

LOG MILE	LOG MILE	LOCATION	LENGTH MI	LENGTH LF	BITUMINOUS SHOULDER RUMBLE STRIPS STA	REMARKS
0.978	1.013	ROUTE 94 - RT	0.035	185		EXCEPTION - CONCRETE PAVEMENT
1.013	1.037	ROUTE 94 - RT	0.024	127		EXCEPTION - CONCRETE ENTRANCE
1.037	1.347	ROUTE 94 - RT	0.310	1637	16.37	
1.347	1.368	ROUTE 94 - RT	0.021	111		EXCEPTION - ASPHALT ENTRANCE
1.368	3.600	ROUTE 94 - RT	2.232	11785	117.85	
3.600	3.613	ROUTE 94 - RT	0.013	69		EXCEPTION - BRIDGE A2306 OVER NEIMAN BRANCH
3.613	4.197	ROUTE 94 - RT	0.584	3084	30.84	
4.197	4.219	ROUTE 94 - RT	0.022	116		EXCEPTION - COUNTY ROAD
4.219	6.217	ROUTE 94 - RT	1.998	10549	105.49	
6.217	6.239	ROUTE 94 - RT	0.022	116		EXCEPTION - BRIDGE A2307 OVER RIVAUX CREEK
6.239	6.690	ROUTE 94 - RT	0.451	2381	23.81	
6.690	7.795	ROUTE 94 - RT	1.105	5834	58.34	
7.795	7.891	ROUTE 94 - RT	0.096	507	5.07	
7.891	8.512	ROUTE 94 - RT	0.621	3279		CONCRETE EXCEPTION
8.512	8.530	ROUTE 94 - RT	0.018	95	0.95	
8.530	12.285	ROUTE 94 - RT	3.755	19826	198.26	
12.285	12.314	ROUTE 94 - RT	0.029	153		EXCEPTION - CONCRETE ENTRANCE
12.314	13.354	ROUTE 94 - RT	1.040	5491	54.91	
13.354	13.367	ROUTE 94 - RT	0.013	69		EXCEPTION - ASPHALT ENTRANCE
13.367	13.386	ROUTE 94 - RT	0.019	100	1.00	
13.386	13.679	ROUTE 94 - RT	0.293	1547		CONCRETE EXCEPTION
13.679	13.717	ROUTE 94 - RT	0.038	201		EXCEPTION - BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
13.717	14.000	ROUTE 94 - RT	0.283	1494		CONCRETE EXCEPTION
14.000	14.502	ROUTE 94 - RT	0.502	2651	26.51	
14.502	14.508	ROUTE 94 - RT	0.006	32		EXCEPTION - ASPHALT ENTRANCE
14.508	14.633	ROUTE 94 - RT	0.125	660	6.60	
14.633	15.089	ROUTE 94 - RT	0.456	2408		CONCRETE EXCEPTION
15.089	15.137	ROUTE 94 - RT	0.048	253		EXCEPTION - BRIDGE A4986 OVER MIDDLE RIVER CREEK
15.137	15.525	ROUTE 94 - RT	0.388	2049		CONCRETE EXCEPTION
15.525	19.130	ROUTE 94 - RT	3.605	19034	190.34	
19.130	19.146	ROUTE 94 - RT	0.016	84		EXCEPTION - BRIDGE B0338 OVER EAST WING CREEK
19.146	21.677	ROUTE 94 - RT	2.531	13364	133.64	
21.677	21.727	ROUTE 94 - RT	0.050	264		EXCEPTION - BRIDGE A0989 OVER AUXVASSE CREEK
21.727	26.338	ROUTE 94 - RT	4.611	24346	243.46	
26.338	26.563	ROUTE 94 - RT	0.225	1188	11.88	
26.563	26.634	ROUTE 94 - RT	0.071	375		EXCEPTION - BRIDGE A4988 OVER LOGAN CREEK
26.634	26.695	ROUTE 94 - RT	0.061	322	3.22	
26.695	26.706	ROUTE 94 - RT	0.011	58		EXCEPTION - ASPHALT ENTRANCE
26.706	26.802	ROUTE 94 - RT	0.096	507	5.07	
26.802	27.653	ROUTE 94 - RT	0.851	4493	44.93	
27.653	28.132	ROUTE 94 - RT	0.479	2529		EXCEPTION - PORTLAND (45 MPH)
28.132	28.139	ROUTE 94 - RT	0.007	37	0.37	
28.139	28.143	ROUTE 94 - RT	0.004	21		EXCEPTION - ASPHALT ENTRANCE
28.143	30.127	ROUTE 94 - RT	1.984	10476	104.76	
30.127	30.263	ROUTE 94 - RT	0.136	718	7.18	
30.263	30.332	ROUTE 94 - RT	0.069	364		EXCEPTION - BRIDGE A4982 OVER BIG TAVERN CREEK
30.332	30.470	ROUTE 94 - RT	0.138	729	7.29	
30.470	32.169	ROUTE 94 - RT	1.699	8971	89.71	
32.169	32.190	ROUTE 94 - RT	0.021	111		EXCEPTION - BRIDGE A4265 LITTLE TAVERN CREEK
32.190	32.760	ROUTE 94 - RT	0.570	3010	30.10	MONTGOMERY COUNTY LINE
32.760	34.498	ROUTE 94 - RT	1.738	9177	91.77	
				SUBTOTAL (1)	1609.72	

SUMMARY OF QUANTITIES
SHEET 7 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:26:45 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	3

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

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)

SHOULDER RUMBLE STRIPS (2)

LOG MILE	LOG MILE	LOCATION	LENGTH MI	LENGTH LF	BITUMINOUS SHOULDER RUMBLE STRIPS STA	REMARKS
0.978	3.600	ROUTE 94 - LT	2.622	13844	138.44	
3.600	3.613	ROUTE 94 - RT	0.013	69		EXCEPTION - BRIDGE A2306 OVER NEIMAN BRANCH
3.613	3.891	ROUTE 94 - LT	0.278	1468	14.68	
3.891	3.909	ROUTE 94 - LT	0.018	95		EXCEPTION - COUNTY ROAD
3.909	5.988	ROUTE 94 - LT	2.079	10977	109.77	
5.988	6.002	ROUTE 94 - LT	0.014	74		EXCEPTION - COUNTY ROAD
6.002	6.214	ROUTE 94 - LT	0.212	1119	11.19	
6.217	6.235	ROUTE 94 - LT	0.018	95		EXCEPTION - BRIDGE A2307 OVER RIVAUX CREEK
6.235	6.255	ROUTE 94 - LT	0.020	106		EXCEPTION - COUNTY ROAD
6.255	6.690	ROUTE 94 - LT	0.435	2297	22.97	
6.690	7.795	ROUTE 94 - LT	1.105	5834	58.34	
7.795	7.891	ROUTE 94 - LT	0.096	507	5.07	
7.891	8.512	ROUTE 94 - LT	0.621	3279		CONCRETE EXCEPTION
8.512	8.530	ROUTE 94 - LT	0.018	95	0.95	
8.530	10.408	ROUTE 94 - LT	1.878	9916	99.16	
10.408	10.434	ROUTE 94 - LT	0.026	137		EXCEPTION - RTE. AA
10.434	12.077	ROUTE 94 - LT	1.643	8675	86.75	
12.077	12.085	ROUTE 94 - LT	0.008	42		EXCEPTION - ASPHALT ENTRANCE
12.085	12.486	ROUTE 94 - LT	0.401	2117	21.17	
12.486	12.496	ROUTE 94 - LT	0.010	53		EXCEPTION - CITY STREET
12.496	13.386	ROUTE 94 - LT	0.890	4699	46.99	
13.386	13.679	ROUTE 94 - LT	0.293	1547		CONCRETE EXCEPTION
13.679	13.717	ROUTE 94 - LT	0.038	201		EXCEPTION - BRIDGE A4985 OVER LITTLE AUXVASSE CREEK
13.717	14.000	ROUTE 94 - LT	0.283	1494		CONCRETE EXCEPTION
14.000	14.118	ROUTE 94 - LT	0.118	623	6.23	
14.118	14.133	ROUTE 94 - LT	0.015	79		EXCEPTION - ASPHALT ENTRANCE
14.133	14.633	ROUTE 94 - LT	0.500	2640	26.40	
14.633	15.089	ROUTE 94 - LT	0.456	2408		CONCRETE EXCEPTION
15.089	15.137	ROUTE 94 - LT	0.048	253		EXCEPTION - BRIDGE A4986 OVER MIDDLE RIVER CREEK
15.137	15.525	ROUTE 94 - LT	0.388	2049		CONCRETE EXCEPTION
15.525	17.403	ROUTE 94 - LT	1.878	9916	99.16	
17.403	17.435	ROUTE 94 - LT	0.032	169		EXCEPTION - RTE. PP
17.435	18.766	ROUTE 94 - LT	1.331	7028	70.28	
18.766	18.804	ROUTE 94 - LT	0.038	201		EXCEPTION - RTE. C
18.804	19.130	ROUTE 94 - LT	0.326	1721	17.21	
19.130	19.146	ROUTE 94 - LT	0.016	84		EXCEPTION - BRIDGE B0338 OVER EAST WING CREEK
19.146	21.677	ROUTE 94 - LT	2.531	13364	133.64	
21.677	21.727	ROUTE 94 - LT	0.050	264		EXCEPTION - BRIDGE A0989 OVER AUXVASSE CREEK
21.727	26.338	ROUTE 94 - LT	4.611	24346	243.46	
26.338	26.563	ROUTE 94 - LT	0.225	1188	11.88	
26.563	26.634	ROUTE 94 - LT	0.071	375		EXCEPTION - BRIDGE A4988 OVER LOGAN CREEK
26.634	26.802	ROUTE 94 - LT	0.168	887	8.87	
26.802	27.653	ROUTE 94 - LT	0.851	4493	44.93	
27.653	28.132	ROUTE 94 - LT	0.479	2529		EXCEPTION - PORTLAND (45 MPH)
28.132	28.444	ROUTE 94 - LT	0.312	1647	16.47	
28.444	28.471	ROUTE 94 - LT	0.027	143		EXCEPTION - CONCRETE ENTRANCE
28.471	29.392	ROUTE 94 - LT	0.921	4863	48.63	
29.392	29.420	ROUTE 94 - LT	0.028	148		EXCEPTION - RTE. D
29.420	30.127	ROUTE 94 - LT	0.707	3733	37.33	
30.127	30.263	ROUTE 94 - LT	0.136	718	7.18	
30.263	30.332	ROUTE 94 - LT	0.069	364		EXCEPTION - BRIDGE A4982 OVER BIG TAVERN CREEK
30.332	30.470	ROUTE 94 - LT	0.138	729	7.29	
30.470	32.169	ROUTE 94 - LT	1.699	8971	89.71	
32.169	32.190	ROUTE 94 - LT	0.021	111		EXCEPTION - BRIDGE A4265 LITTLE TAVERN CREEK
32.190	32.760	ROUTE 94 - LT	0.570	3010	30.10	MONTGOMERY COUNTY LINE
32.760	34.498	ROUTE 94 - LT	1.738	9177	91.77	
				SUBTOTAL (2)	1606.02	
				SUBTOTAL (1)	1609.72	
				USE	3215.7	

SUMMARY OF QUANTITIES
SHEET 8 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:24:06 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 3
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

EXCAVATION AND PREPARATION OF ROADBED FOR PLACEMENT OF BASE - CALLAWAY COUNTY

LOG MILE	LOCATION	ROAD WIDTH LF	CENTERLINE LENGTH LF	REMARKS
12.058	ROUTE 94	20	60.00	COUNTY ROAD 4017
12.751	ROUTE 94	20	75.00	COUNTY ROAD 4011
17.929	ROUTE 94	20	60.00	COUNTY ROAD 479
19.125	ROUTE 94	20	80.00	COUNTY ROAD 455
24.032	ROUTE 94	24	65.00	COUNTY ROAD 459
28.198	ROUTE 94	15	75.00	MAIN CROSS STREET
		SUBTOTAL	415.00	
	CALLAWAY COUNTY TOTAL		1 LUMP SUM	

COUNTY ROAD TYPE 1 AGGREGATE FOR BASE - CALLAWAY COUNTY

LOG MILE	LOCATION	ESTIMATE FACTOR	AREA SY	VOLUME CY	TYPE 1 AGG BASE TONS	REMARKS
12.058	ROUTE 94	1.00	210.11	23.30	48.74	COUNTY ROAD 4017
12.751	ROUTE 94	0.75	259.89	28.90	45.22	COUNTY ROAD 4011
17.929	ROUTE 94	0.25	218.23	24.20	12.66	COUNTY ROAD 479
19.125	ROUTE 94	0.75	346.79	38.50	60.34	COUNTY ROAD 455
24.032	ROUTE 94	0.80	339.45	37.70	63.00	COUNTY ROAD 459
28.198	ROUTE 94	0.85	293.15	32.60	57.81	MAIN CROSS STREET
				SUBTOTAL	287.77	
			CALLAWAY COUNTY TOTAL		288	

ASPHALT APPROACH PAVEMENT (1" SURFACE LEVEL OVER 5" BIT BASE) - CALLAWAY COUNTY

LOG MILE	LOCATION	LENGTH LF	AREA SY	BITUMINOUS PAVEMENT MIX PG64-22 (SURFACE LEVELING) TONS	BITUMINOUS PAVEMENT MIX PG64-22 (BASE) TONS	TACK COAT GAL	REMARKS
12.058	ROUTE 94	60.0	191.8	10.59	51.76	9.59	COUNTY ROAD 4017
12.751	ROUTE 94	75.0	239.7	13.23	64.69	11.99	COUNTY ROAD 4011
17.929	ROUTE 94	60.0	200	11.04	53.97	10.00	COUNTY ROAD 479
19.125	ROUTE 94	80.0	323.1	17.83	87.19	16.16	COUNTY ROAD 455
24.032	ROUTE 94	65.0	317	17.50	85.55	15.85	COUNTY ROAD 459
28.198	ROUTE 94	75.0	272.1	15.02	73.43	13.61	MAIN CROSS STREET
							ESTIMATE FACTOR:
							TACK COAT - 0.05 GAL/SY (NEW ASPHALT)
			SUBTOTAL	85.21	416.59	77.20	SURFACE LEVEL MIX - 1.987 TONS/CY
		CALLAWAY COUNTY TOTAL		85.2	416.6	77	BIT BASE MIX - 1.943 TONS/CY

SUMMARY OF QUANTITIES
SHEET 9 OF 10

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:23:32 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED 8/7/2026
ROUTE 94 | STATE MO
DISTRICT CD/NE | SHEET NO. 3
COUNTY CALLAWAY/MONTGOMERY
JOB NO. JCD0294
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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	68	1088.00			36	UNEVEN LANES
WO8-12	48X48	16.00	34	544.00			35	NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	11	176.00			2	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	13	208.00			7	ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	11	176.00			8	FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00			1	ROAD WORK NEXT 34 MILES
GO20-2	48X24	8.00	2	16.00			26	END ROAD WORK
GO20-4	36X18	4.50	1	4.50			53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	5	43.75			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	7	10.50			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00			59	WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 2320
616-10.10 RELOCATED SIGNS	TOTAL

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	150	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:23:16 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	3

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

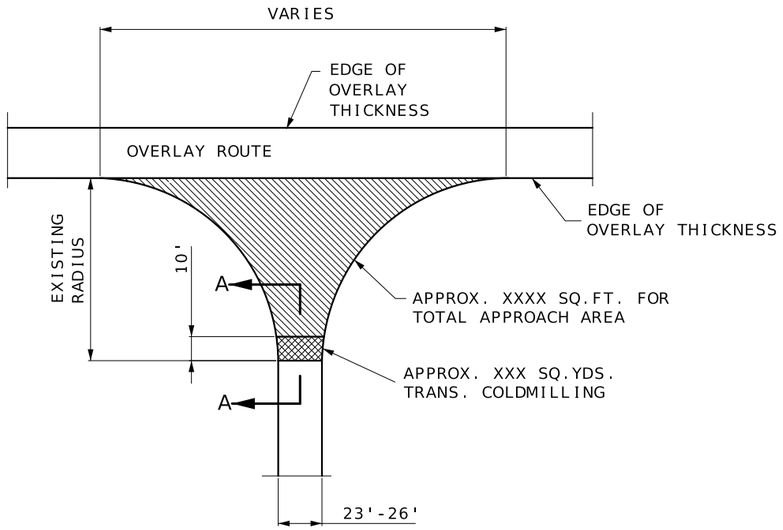
BRIDGE NO.

DESCRIPTION	DATE

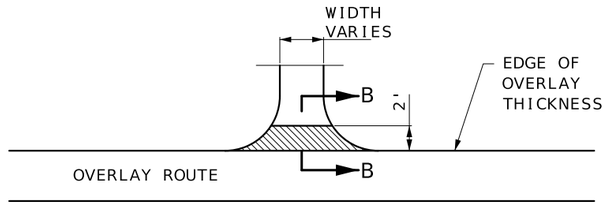
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

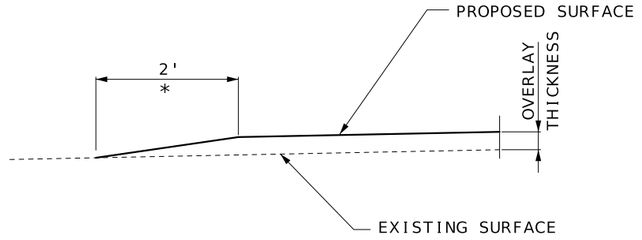
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES
SHEET 10 OF 10



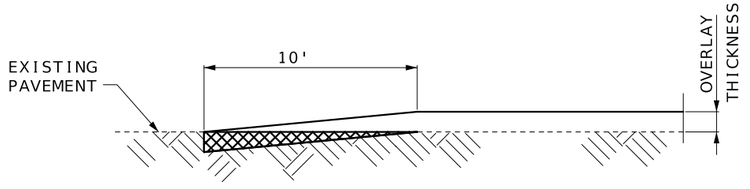
TYPICAL STATE ROUTE JUNCTION





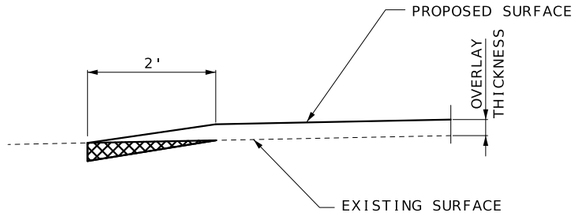
SECTION B-B

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



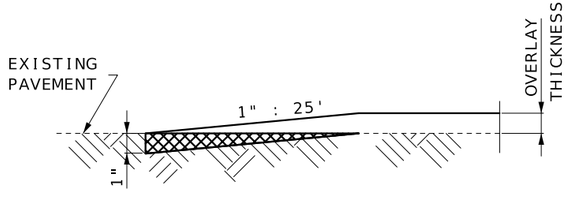
SECTION A-A

TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



SECTION B-B

TYPICAL CONCRETE/BITUMINOUS ENTRANCE
MODIFIED COLDMILL DETAIL
(PRIVATE OR COUNTY ROAD)



TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
NOT AT INTERSECTING ROUTE
AND AT EXCEPTIONS

SPECIAL SHEET
1 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:25:45 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	4

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

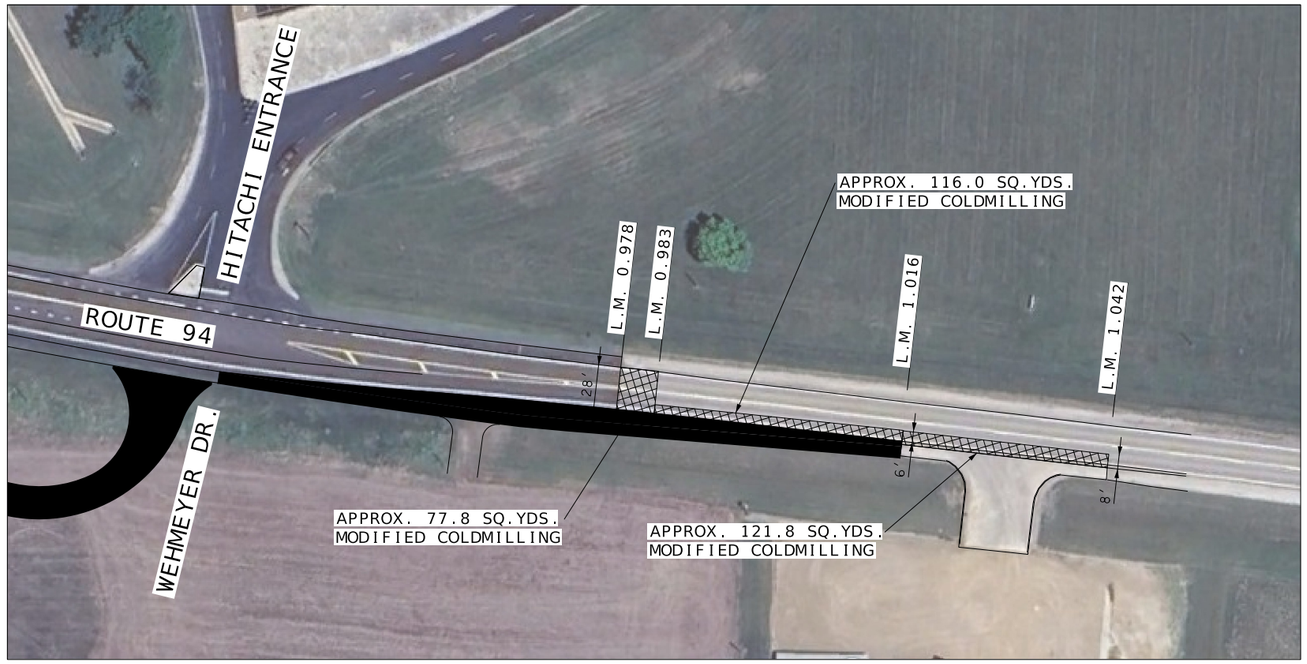
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

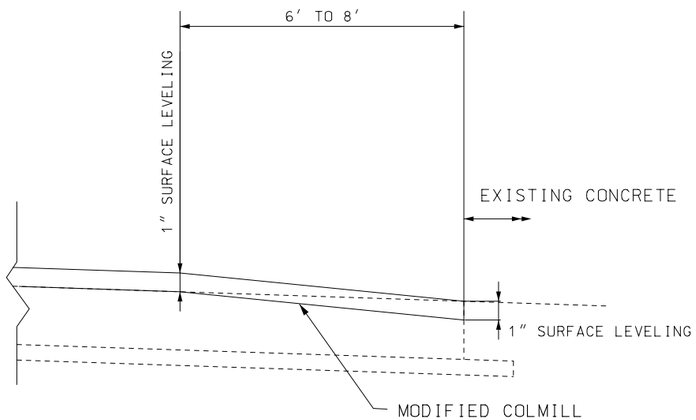
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOT TO SCALE

BEGINNING OF PROJECT
LOG MILE 0.978



MODIFIED COLMILLING
AT PAVEMENT EDGE

SPECIAL SHEET
PAVING DETAILS
2 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:27:34 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	5

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

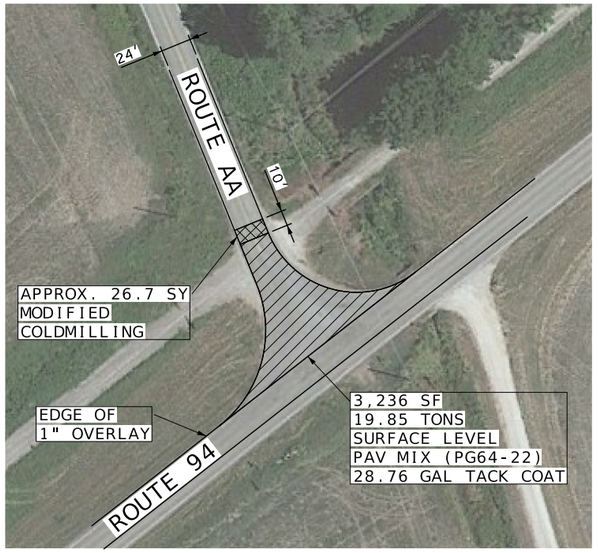
PROJECT NO.

BRIDGE NO.

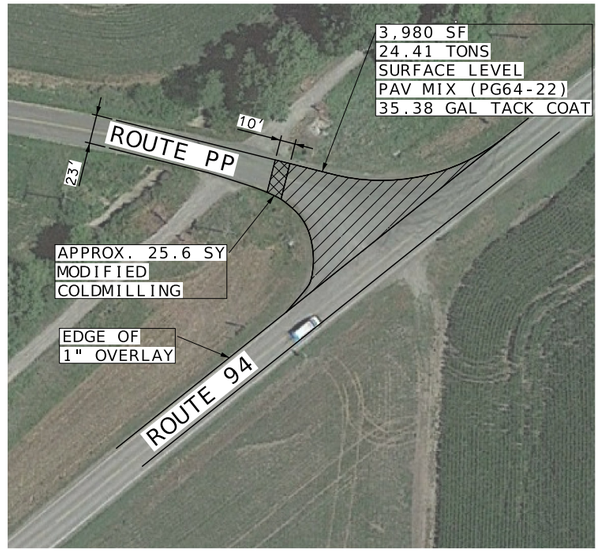
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

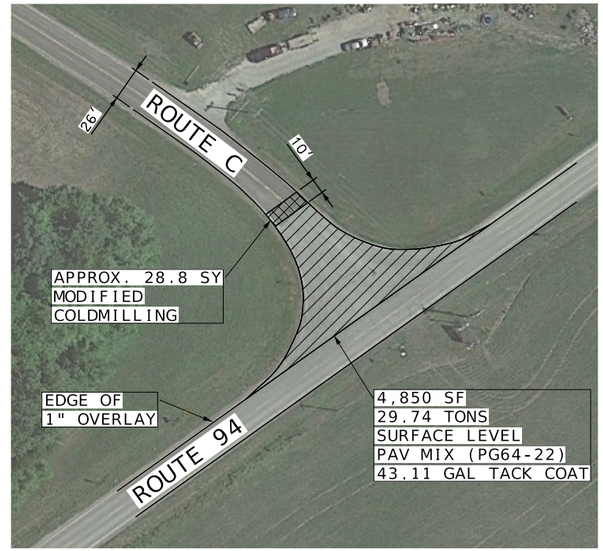
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TRAVELWAY DEPTH TRANSITION
ROUTE AA
LOG MILE 10.409

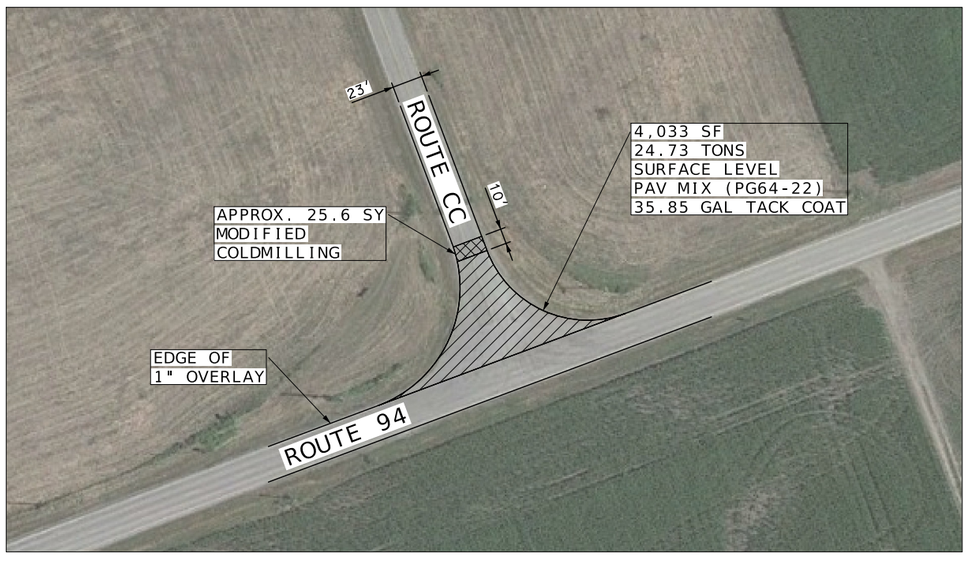


TRAVELWAY DEPTH TRANSITION
ROUTE PP
LOG MILE 17.360

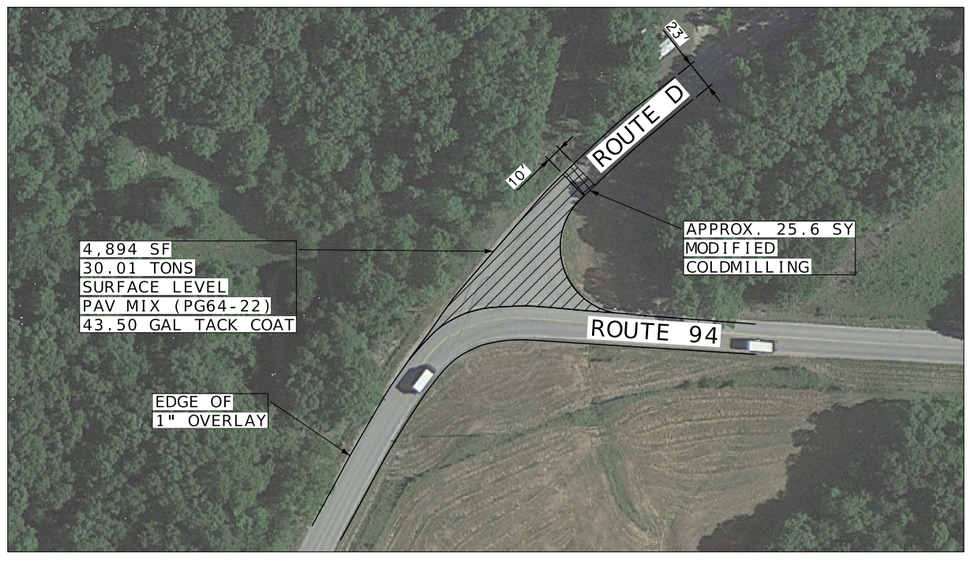


TRAVELWAY DEPTH TRANSITION
ROUTE C
LOG MILE 18.720

NOT TO SCALE



TRAVELWAY DEPTH TRANSITION
ROUTE CC
LOG MILE 22.299



TRAVELWAY DEPTH TRANSITION
ROUTE D
LOG MILE 29.276

SPECIAL SHEET
INTERSECTION PAVING
3 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:27:07 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	6

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

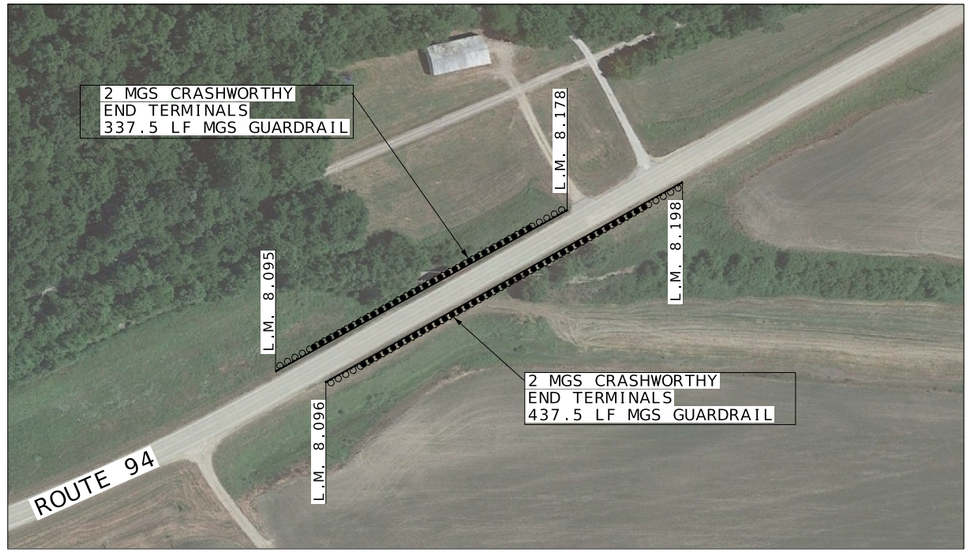
DESCRIPTION	DATE

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



GUARDRAIL AT BRIDGE A2307
OVER RIVAUX CREEK
APPROX. LOG MILE 6.213 - LOG MILE 6.234

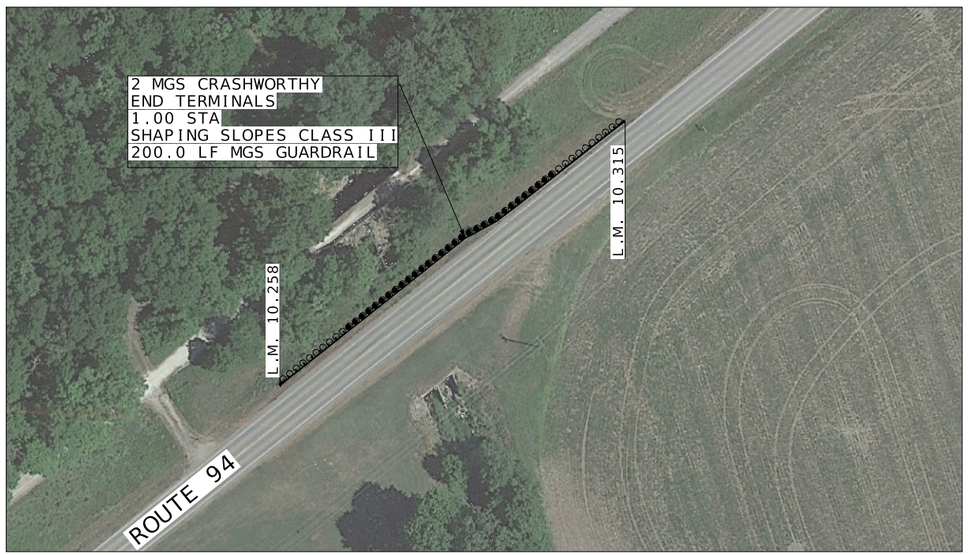
NOTE:
REMOVE 50 LF EXISTING GUARDRAIL



GUARDRAIL 1
APPROX. LOG MILE 8.095 - LOG MILE 8.178 LT
APPROX. LOG MILE 8.096 - LOG MILE 8.198 RT

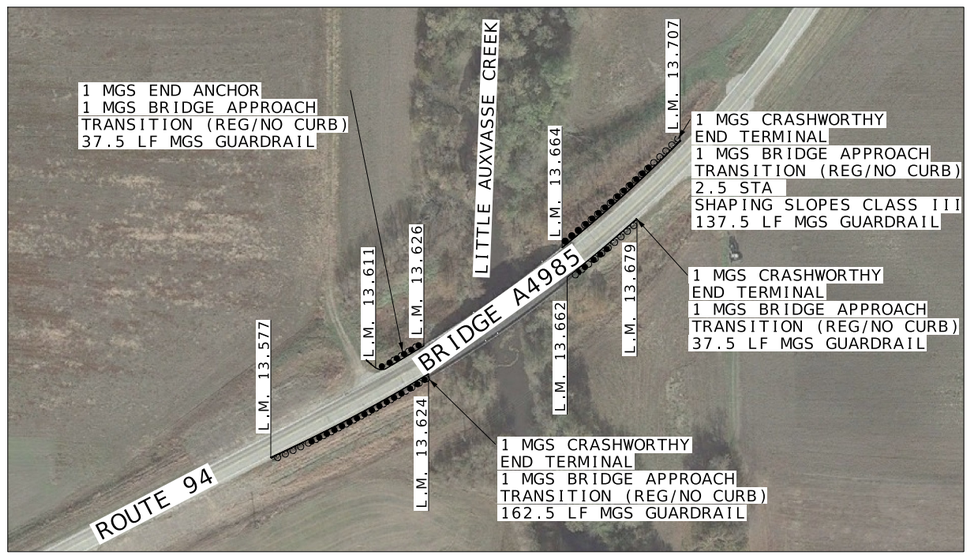
NOTE:
REMOVE 438 LF & 538 LF EXISTING GUARDRAIL

NOT TO SCALE



GUARDRAIL 2
APPROX. LOG MILE 10.258 - LOG MILE 10.315

NOTE:
REMOVE 300 LF EXISTING GUARDRAIL



GUARDRAIL AT BRIDGE A4985
OVER LITTLE AUXVASSE CREEK
APPROX. LOG MILE 13.577 - LOG MILE 13.707

NOTE:
REMOVE 244 LF, 69 LF, 219 LF & 106 LF EXISTING GUARDRAIL

SPECIAL SHEET
GUARDRAIL DETAILS
4 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:34:45 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	7

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

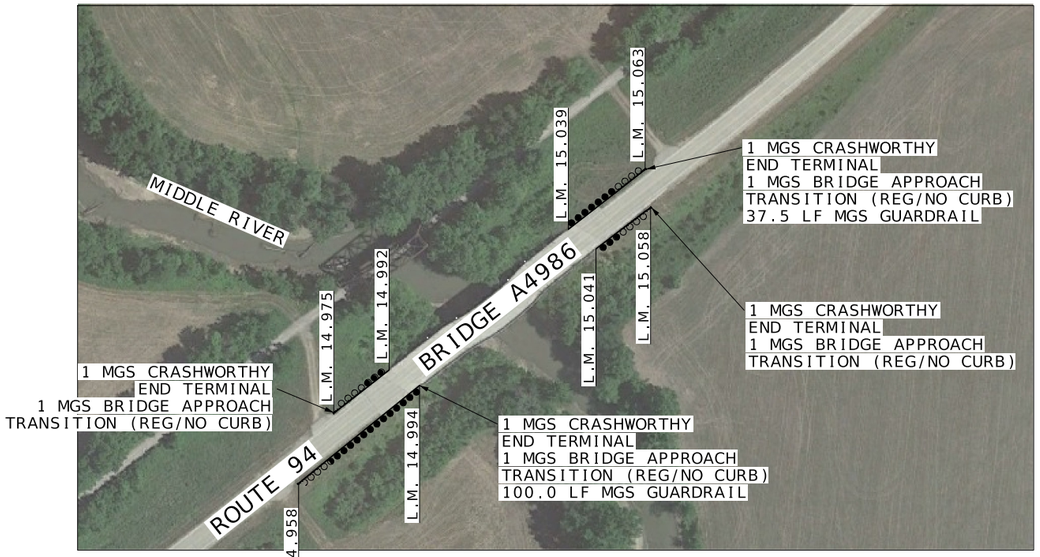
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

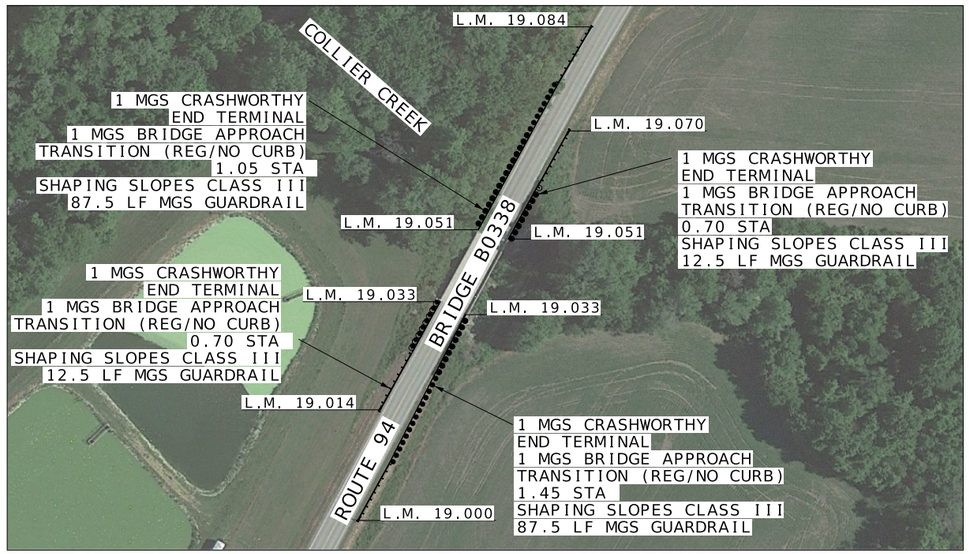
DESCRIPTION	DATE

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



GUARDRAIL AT BRIDGE A4986
OVER MIDDLE RIVER
APPROX. LOG MILE 14.958 - LOG MILE 15.063

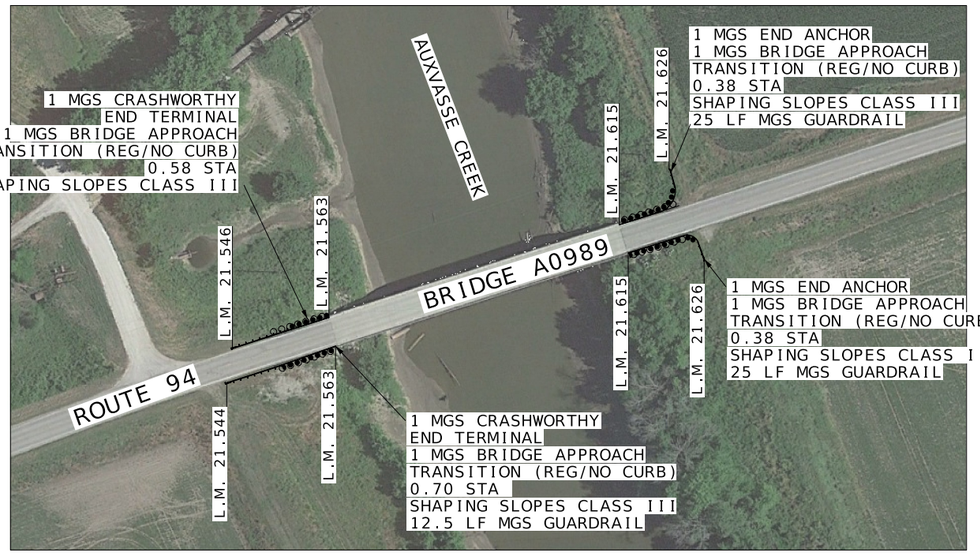
NOTE:
REMOVE 81 LF, 181 LF, 119 LF, & 81 LF EXISTING GUARDRAIL



GUARDRAIL AT BRIDGE B0338
OVER COLLIER CREEK
APPROX. LOG MILE 19.000 - LOG MILE 19.084

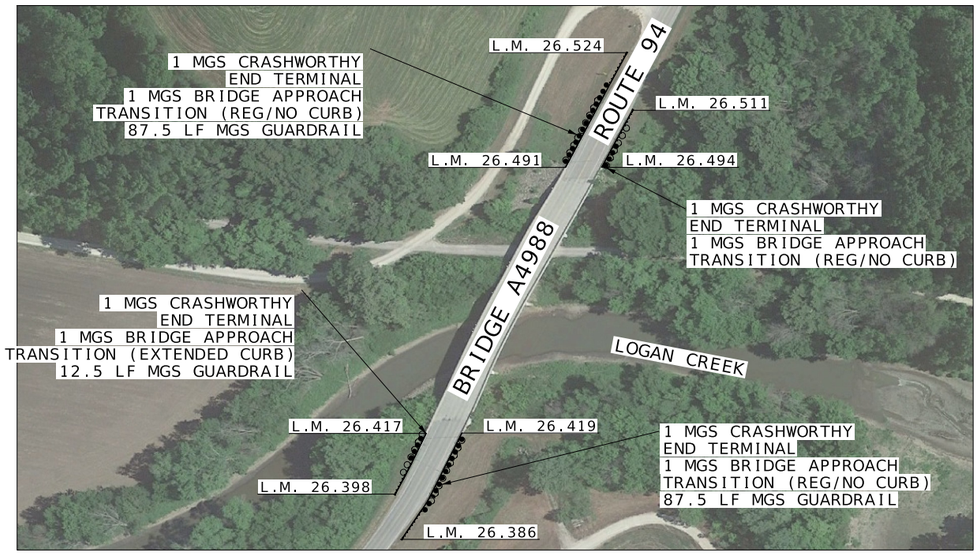
NOTE:
REMOVE 56 LF, 56 LF, 56 LF & 94 LF EXISTING GUARDRAIL

NOT TO SCALE



GUARDRAIL AT BRIDGE A0989
OVER AUXVASSE CREEK
APPROX. LOG MILE 21.544 - LOG MILE 21.626

NOTE:
REMOVE 56 LF, 56 LF, 56 LF & 56 LF EXISTING GUARDRAIL



GUARDRAIL AT BRIDGE A4988
OVER LOGAN CREEK
APPROX. LOG MILE 26.386 - LOG MILE 26.524

NOTE:
REMOVE 69 LF, 106 LF, 106 LF & 69 LF EXISTING GUARDRAIL

SPECIAL SHEET
GUARDRAIL DETAILS
5 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:34:07 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	8

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

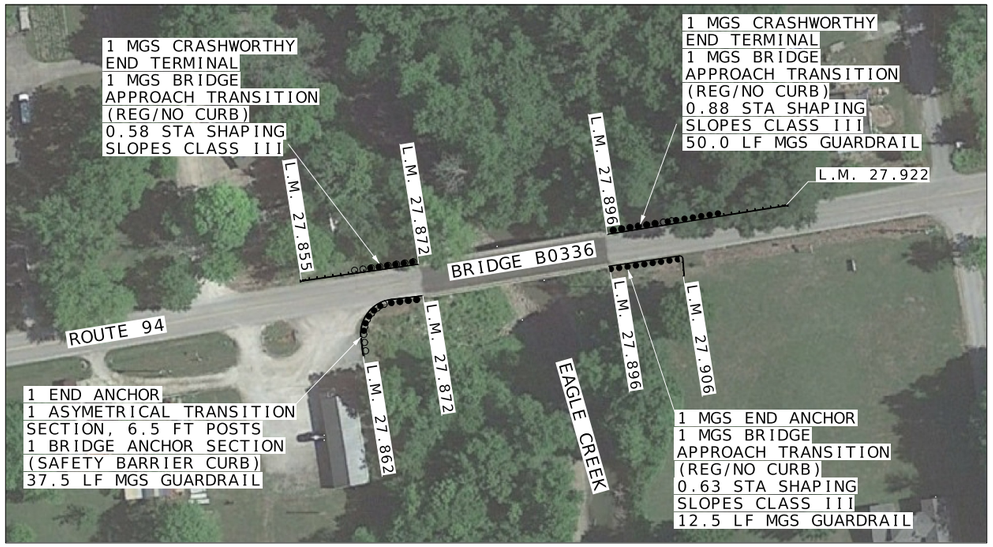
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PROJECT NO.

BRIDGE NO.

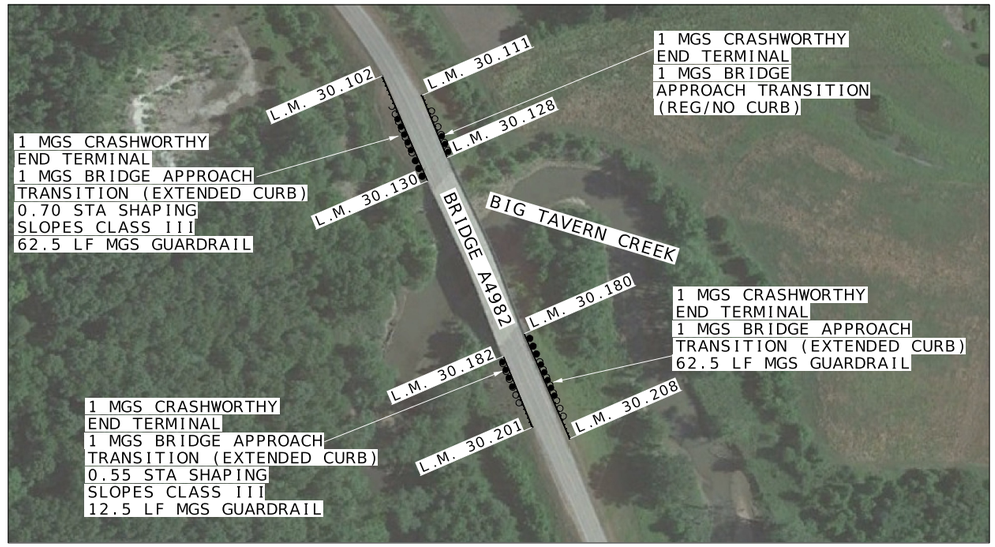
DATE	DESCRIPTION

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



GUARDRAIL AT BRIDGE B0336
OVER EAGLE CREEK
APPROX. LOG MILE 27.855 - LOG MILE 27.922

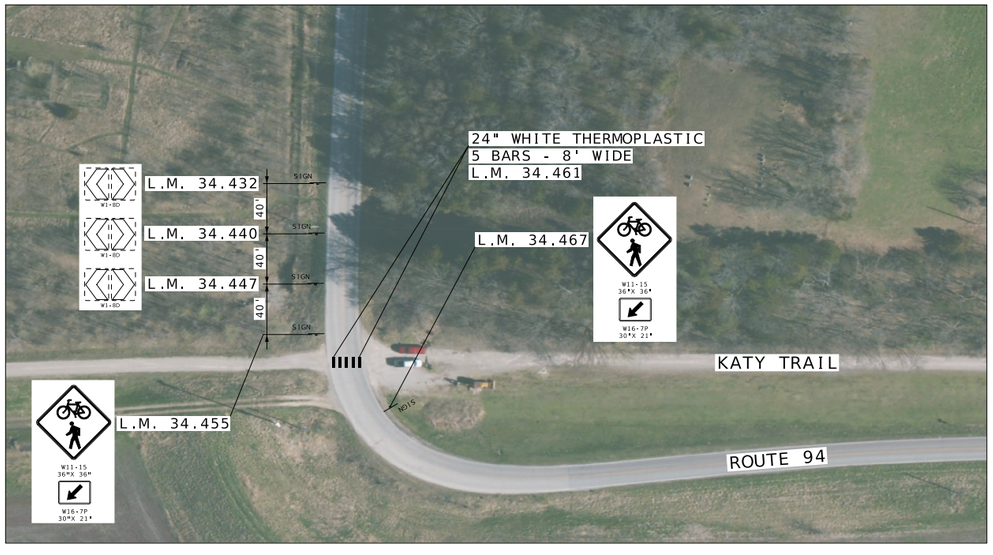
NOTE:
REMOVE 56 LF, 76 LF & 56 LF EXISTING GUARDRAIL
REMOVE 2 OBJECT MARKERS



GUARDRAIL AT BRIDGE A4982
OVER BIG TAVERN CREEK
APPROX. LOG MILE 30.102 - LOG MILE 30.208

NOTE:
REMOVE 69 LF, 106 LF, 119 LF & 69 LF EXISTING GUARDRAIL

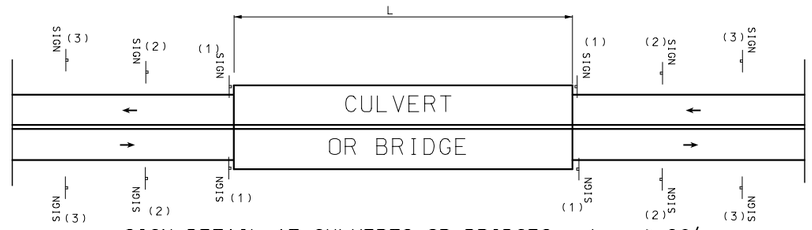
NOT TO SCALE



KATY TRAIL SIGNING
APPROX. LOG MILE 34.432 - LOG MILE 34.467

NOTE:
REMOVE AND RELOCATE 3 CHEVRON SIGNS AND POST ASSEMBLIES.

SHARED USE PATH SIGN (W11-15) AND DOWN ARROW (W16-7P)
SHALL BE MOUNTED ON A SINGLE 2.5" PSST POST.



SIGN DETAIL AT CULVERTS OR BRIDGES – L = ≥ 20'

ROUTE 94

L.M. 12.740 - 8 OM SIGNS & 6 U-CHANNEL POSTS
L.M. 18.400 - 10 OM SIGNS & 8 U-CHANNEL POSTS
L.M. 19.659 - 8 OM SIGNS & 4 U-CHANNEL POSTS
L.M. 34.225 - 12 OM SIGNS & 10 U-CHANNEL POSTS

(1) PLACED AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH INSIDE EDGE OF OBSTRUCTION.
(2) PLACED 1.5 FEET OFF THE EDGE OF PAVEMENT AND 20 FEET FROM THE END OF THE OBSTRUCTION.
(3) PLACED 3.0 FEET OFF THE EDGE OF PAVEMENT AND 40 FEET FROM THE END OF THE OBSTRUCTION.

NOTES:

REMOVE AND REPLACE EXISTING OBJECT MARKER SIGNS. EXISTING POSTS SHALL BE UIP.

OBJECT MARKERS (2) & (3) MAY BE EXCEPTED OUT IN LOCATIONS WHERE HEADWALL IS ADJACENT TO COUNTY ROAD.

SPECIAL SHEET
GUARDRAIL/SIGN DETAILS
6 OF 19

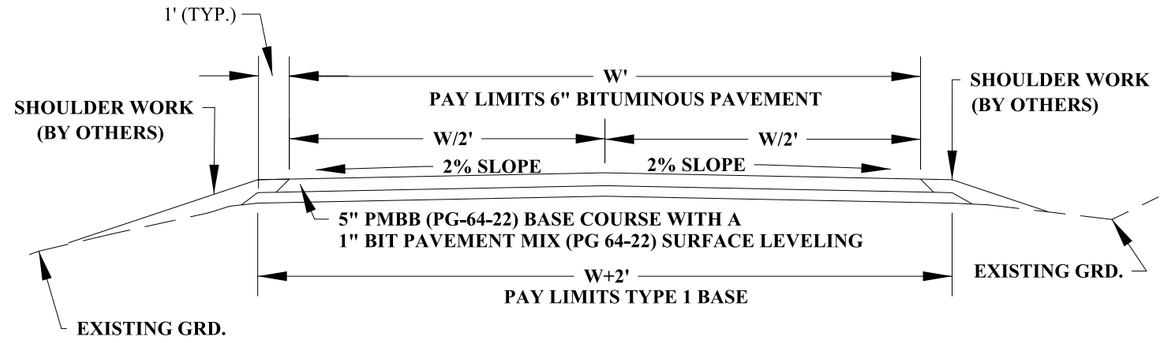
STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:32:46 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94
STATE: MO
DISTRICT: CD/NE
SHEET NO.: 9
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES



TYPICAL PAVEMENT SECTION

NTS

DRAWING NOTES:

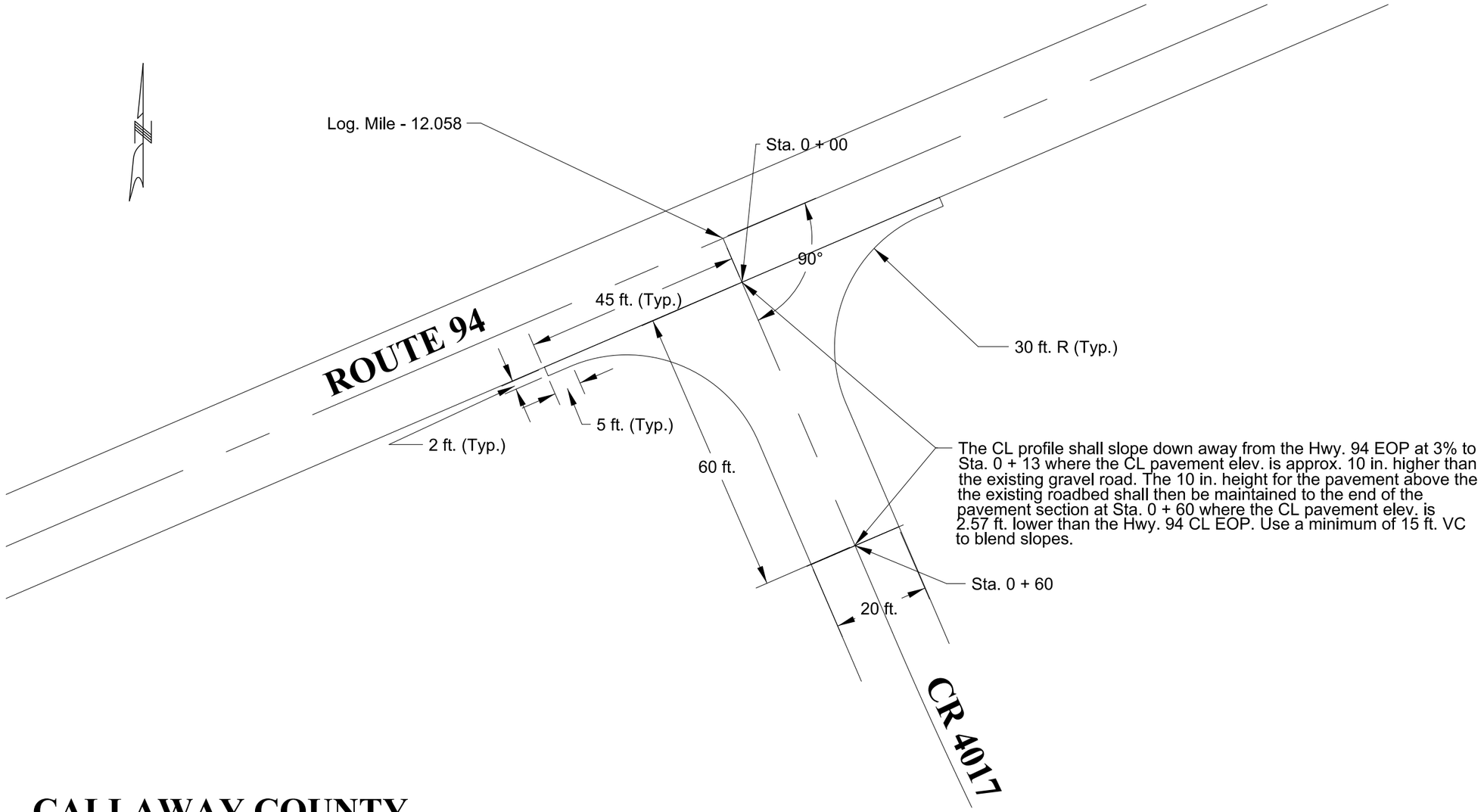
1. THE CONTRACTOR SHALL SAW CUT THE EDGE OF THE PAVEMENT ALONG THE STATE ROUTE (SR) AS NECESSARY TO PROVIDE A UNIFORM VERTICAL EDGE. THE 2' WIDE TAPER AS SHOWN ON THE PLANS SHALL BE MEASURED FROM THE EXISTING EDGE OF THE PAVEMENT.
2. WHERE THE EXISTING GRAVEL ROAD HAS LESS THAN A 3% SLOPE AWAY FROM THE STATE ROAD, THE NEW PAVEMENT SHALL SLOPE DOWN AND AWAY FROM THE STATE ROAD AT A 3% SLOPE FOR A MINIMUM OF 12 FEET FROM THE EDGE OF THE ROAD BEFORE BREAKING TO MATCH THE SLOPE(S) SPECIFIED.
3. THE PAVEMENT SECTION FOR THE COUNTY ROAD APPROACH WORK SHALL CONSIST OF A MINIMUM OF A 4" TYPE 1 BASE THAT EXTENDS 1 FOOT OUTSIDE THE EDGE OF THE PAVEMENT, A 5" PMBB (PG-64-22) BASE COURSE INSTALLED IN TWO (2) LIFTS, AND A 1" BP-1 (PG 64-22) SURFACE LEVELING COURSE INSTALLED WITH THE MAINLINE OVERLAY.
4. IN CUT AREAS, AFTER THE REQUIRED EXCAVATION FOR THE THICKNESS OF THE ASPHALT PAVEMENT, IF THE EXISTING ROAD BED IS FIRM AND HAS A MINIMUM OF A 4" THICKNESS OF AGGREGATE MATERIAL ABOVE THE SOIL SUBGRADE, THE EXISTING ROADBED MATERIAL CAN BE COMPACTED TO FORM THE AGGREGATE BASE COURSE.
5. THE FINISHED SURFACE OF THE ASPHALT BASE LAYER PAVEMENT SHALL MATCH THE EXISTING SURFACE OF THE STATE ROAD AT THE EDGE OF PAVEMENT AND THEN SMOOTHLY TRANSITION TO MATCH THE SLOPES SHOWN ON THE TYPICAL PAVEMENT SECTION AT A RATE THAT BLENDS NATURALLY WITH THE EXISTING ROAD SLOPES.
6. THE FINISH GRADE CENTERLINE ELEVATION OF THE NEW APPROACH PAVEMENT SHALL PROVIDE A SMOOTH TRANSITION FROM THE EOP ELEVATIONS AT THE STATE HWY. TO THE DESIGN CL EOP ELEVATION AT THE END OF THE PAVEMENT SECTIONS AS SHOWN ON THE DRAWING SHEETS.
7. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF A 20 FOOT LONG COMPACTED AGGREGATE TRANSITION AT THE END OF NEW PAVEMENT SECTION TO BLEND AND PROVIDE A SMOOTH TRANSITION TO THE EXISTING COUNTY GRAVEL ROAD SECTION.
8. WHERE THE EDGE OF THE AGGREGATE BASE LAYER FALLS OUTSIDE THE EXISTING ROADBED, THIS AREA SHALL BE STRIPPED OF THE GRASS AND TOPSOIL TO ALLOW A MINIMUM DEPTH OF 4" COMPACTED AGGREGATE BASE BELOW THE ASPHALT PAVEMENT. THE SUBGRADE SHALL BE COMPACTED BEFORE PLACING THE AGGREGATE BASE AND THE MODOT TYPE 1 AGGREGATE BASE LAYERS GREATER THAN 6", SHALL BE PLACED IN TWO COMPACTED LIFTS. THE EXCAVATED SOIL MATERIAL SHALL BE NEATLY STOCKPILED ADJACENT TO THE ROAD OUTSIDE OF MODOT ROW AS SPECIFIED BY THE COUNTY ENGINEER TO BE USED FOR THE COUNTY SHOULDERING WORK . EXCESS AGGREGATE MATERIAL SHALL BE USED BY THE CONTRACTOR TO LENGTHEN THE AGGREGATE TRANSITION AT END OF APPROACH.
9. THE COUNTY ENGINEER SHALL APPROVE THE LAYOUT, GRADING, AND COMPACTION OF THE AGGREGATE BASE LAYER BEFORE THE PLACEMENT OF THE ASPHALT BASE COURSE. THE CONTRACTOR SHALL PROVIDE THE REQUIRED MINIMUM NOTICE BEFORE THE SCHEDULED INSPECTIONS.

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:32:32 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 10
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)



CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 4017 APPROACH

NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
8 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:33:04 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	11

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

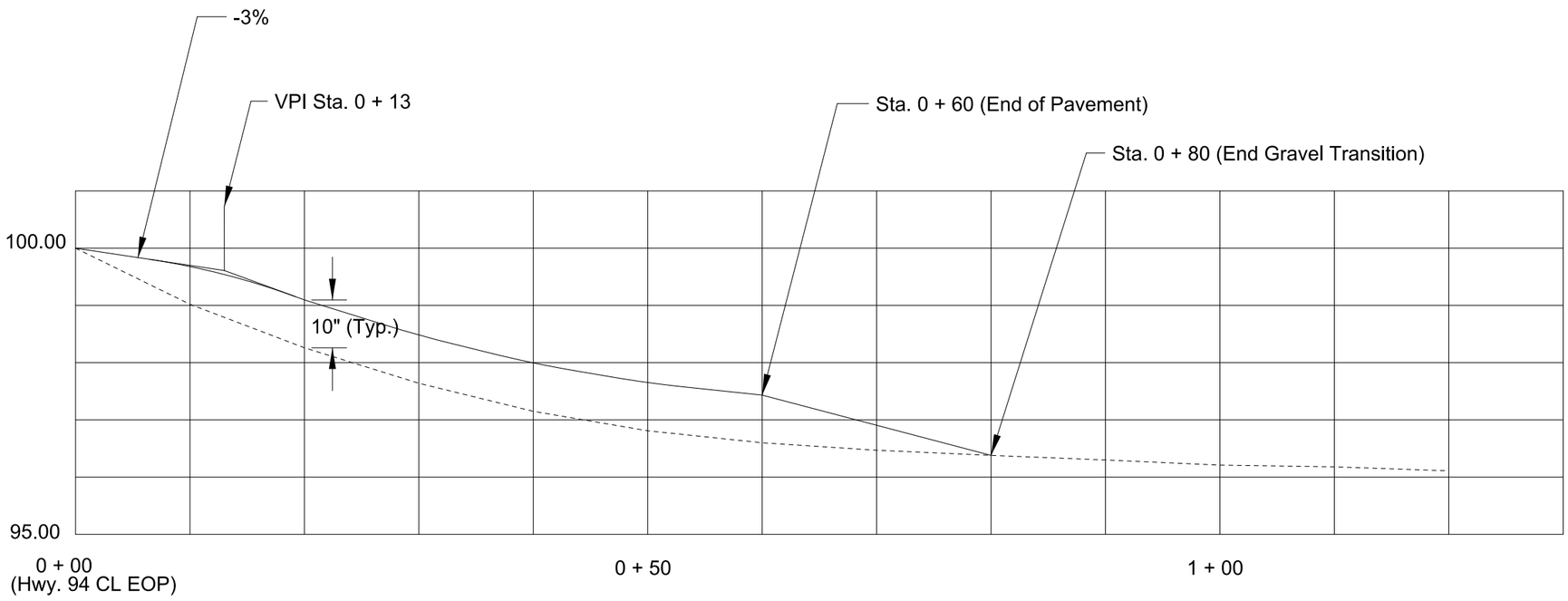
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 4017 APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

SPECIAL SHEET
CALLAWAY COUNTY ROADS
9 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:33:49 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	12

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

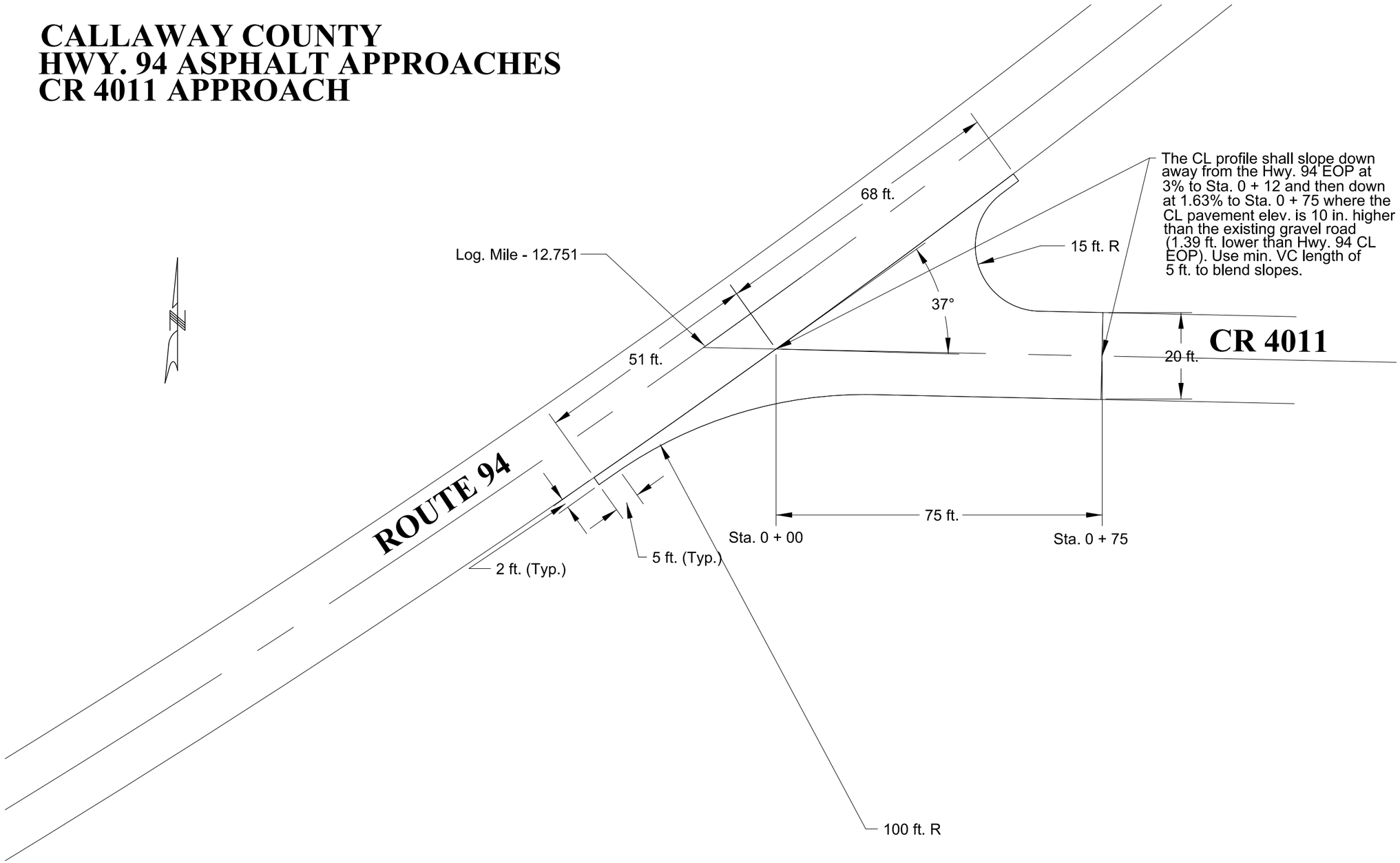
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 4011 APPROACH



NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
10 OF 19

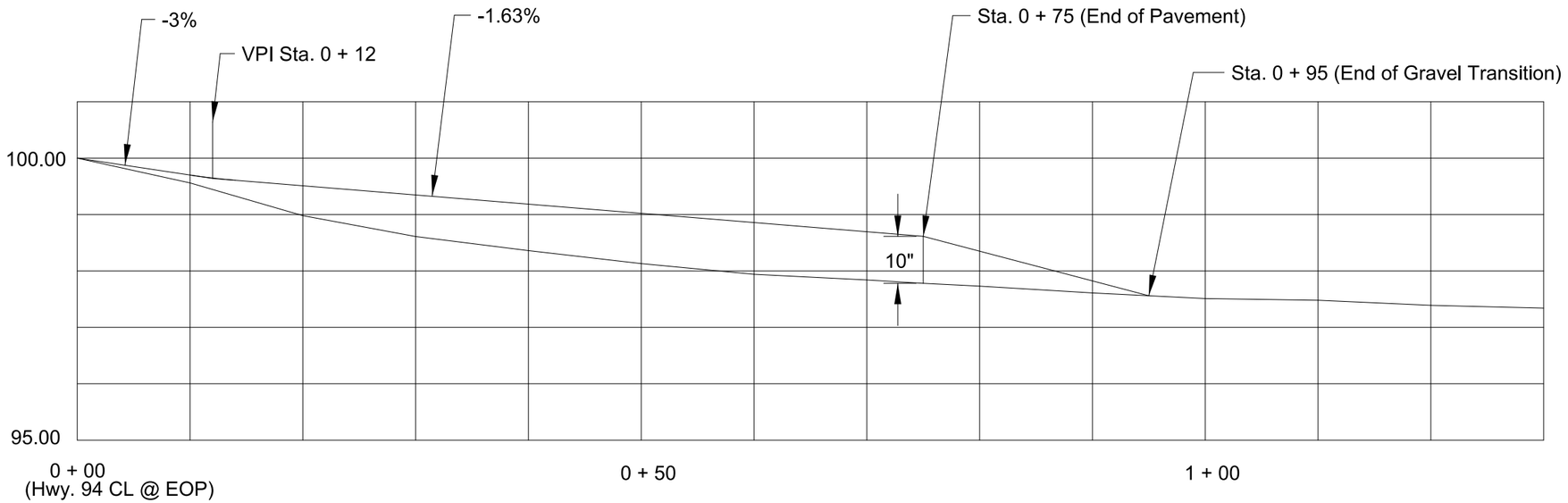
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GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:33:35 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 13
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 4011 APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

SPECIAL SHEET
CALLAWAY COUNTY ROADS
11 OF 19

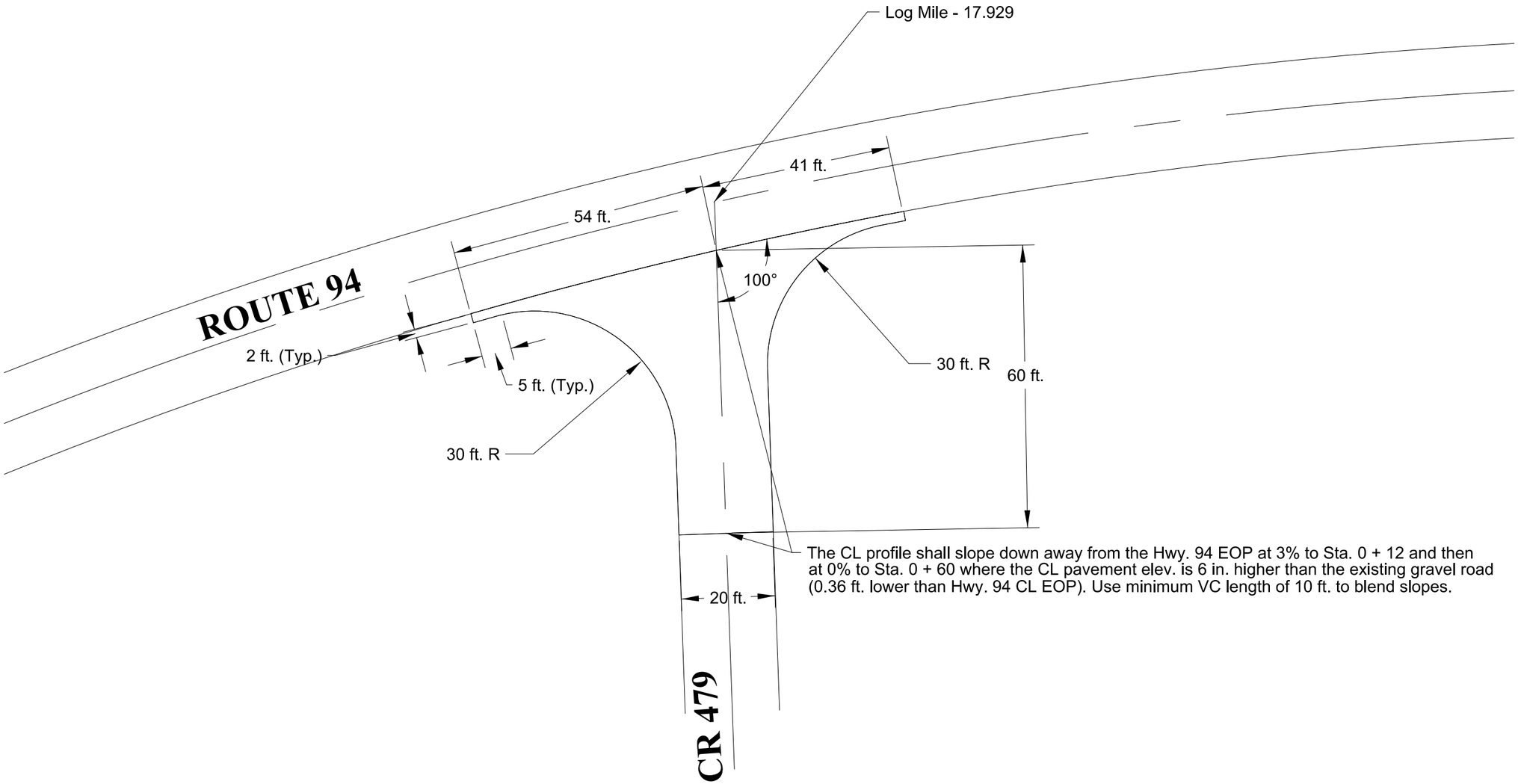
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GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
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GREGORY G LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026
ROUTE: 94 | STATE: MO
DISTRICT: CD/NE | SHEET NO.: 14
COUNTY: CALLAWAY/MONTGOMERY
JOB NO.: JCD0294
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)

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 479 APPROACH



The CL profile shall slope down away from the Hwy. 94 EOP at 3% to Sta. 0 + 12 and then at 0% to Sta. 0 + 60 where the CL pavement elev. is 6 in. higher than the existing gravel road (0.36 ft. lower than Hwy. 94 CL EOP). Use minimum VC length of 10 ft. to blend slopes.

NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
12 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:34:22 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	15

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

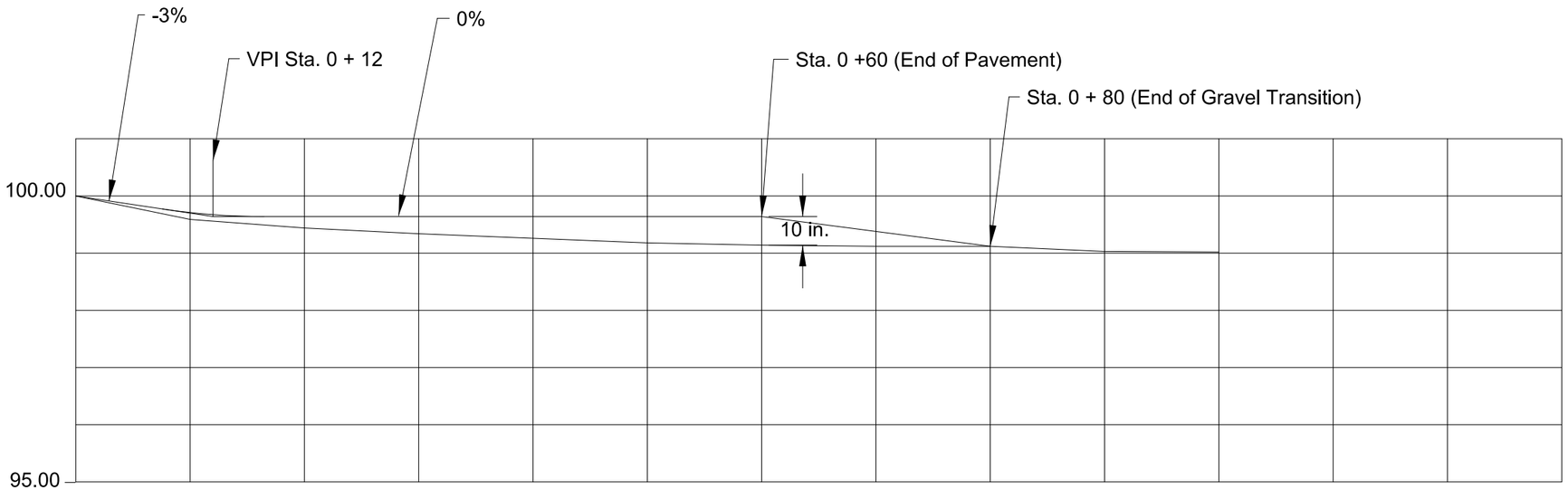
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 479 APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:35:30 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED: 8/7/2026

ROUTE	STATE
94	MO

DISTRICT	SHEET NO.
CD/NE	16

COUNTY: CALLAWAY/MONTGOMERY

JOB NO.: JCD0294

CONTRACT ID.:

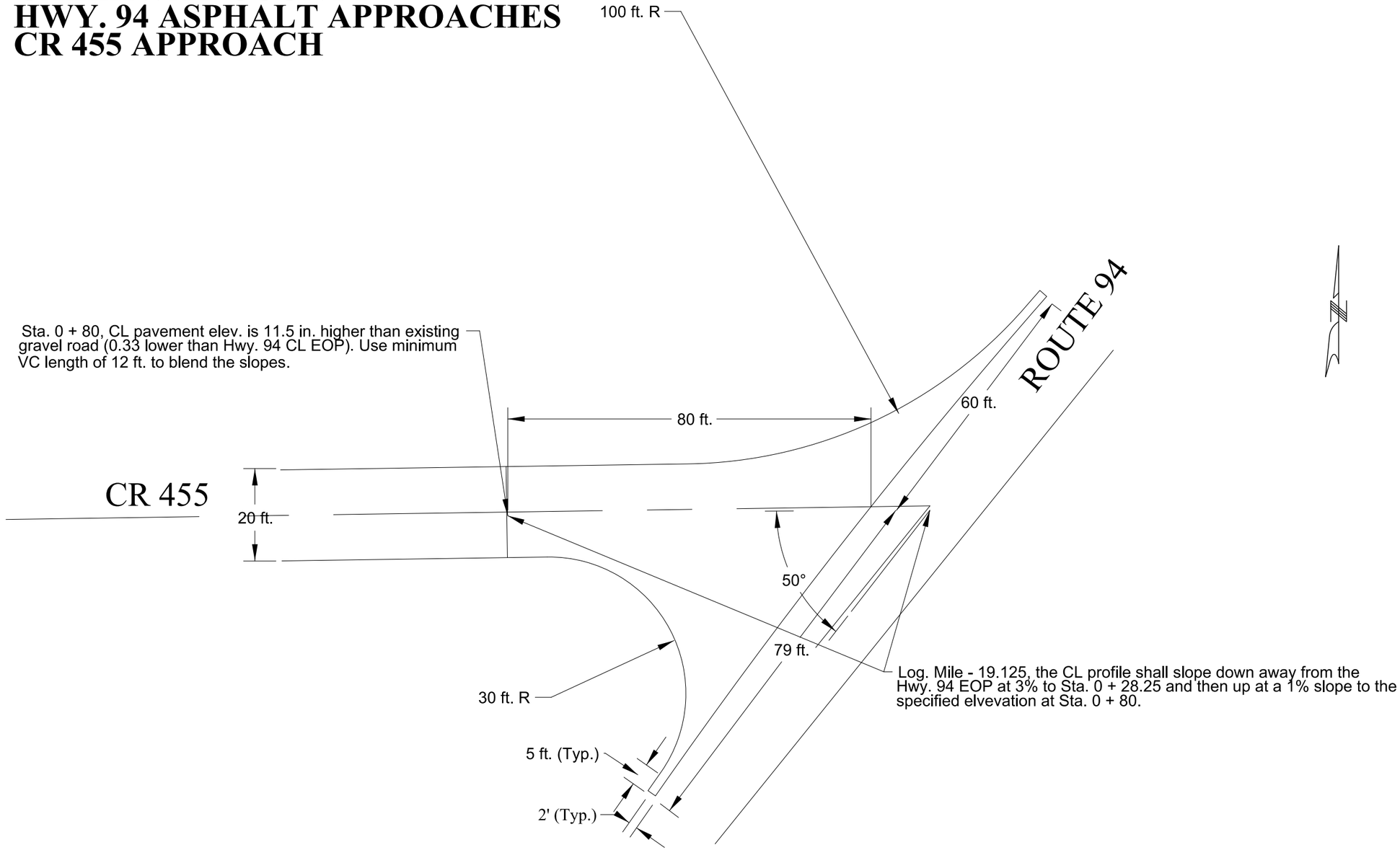
PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 455 APPROACH



NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
14 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
09/09/2026 7:35:44 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	17

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

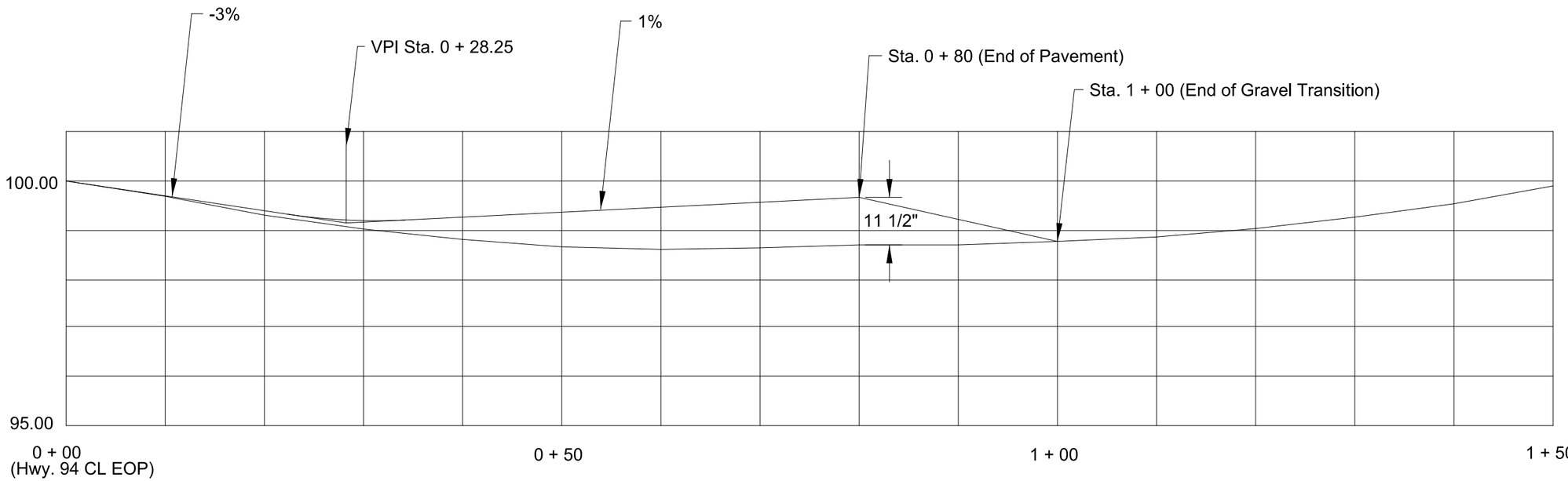
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 455 APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

SPECIAL SHEET
CALLAWAY COUNTY ROADS
15 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:34:56 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO

DISTRICT	SHEET NO.
CD/NE	18

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

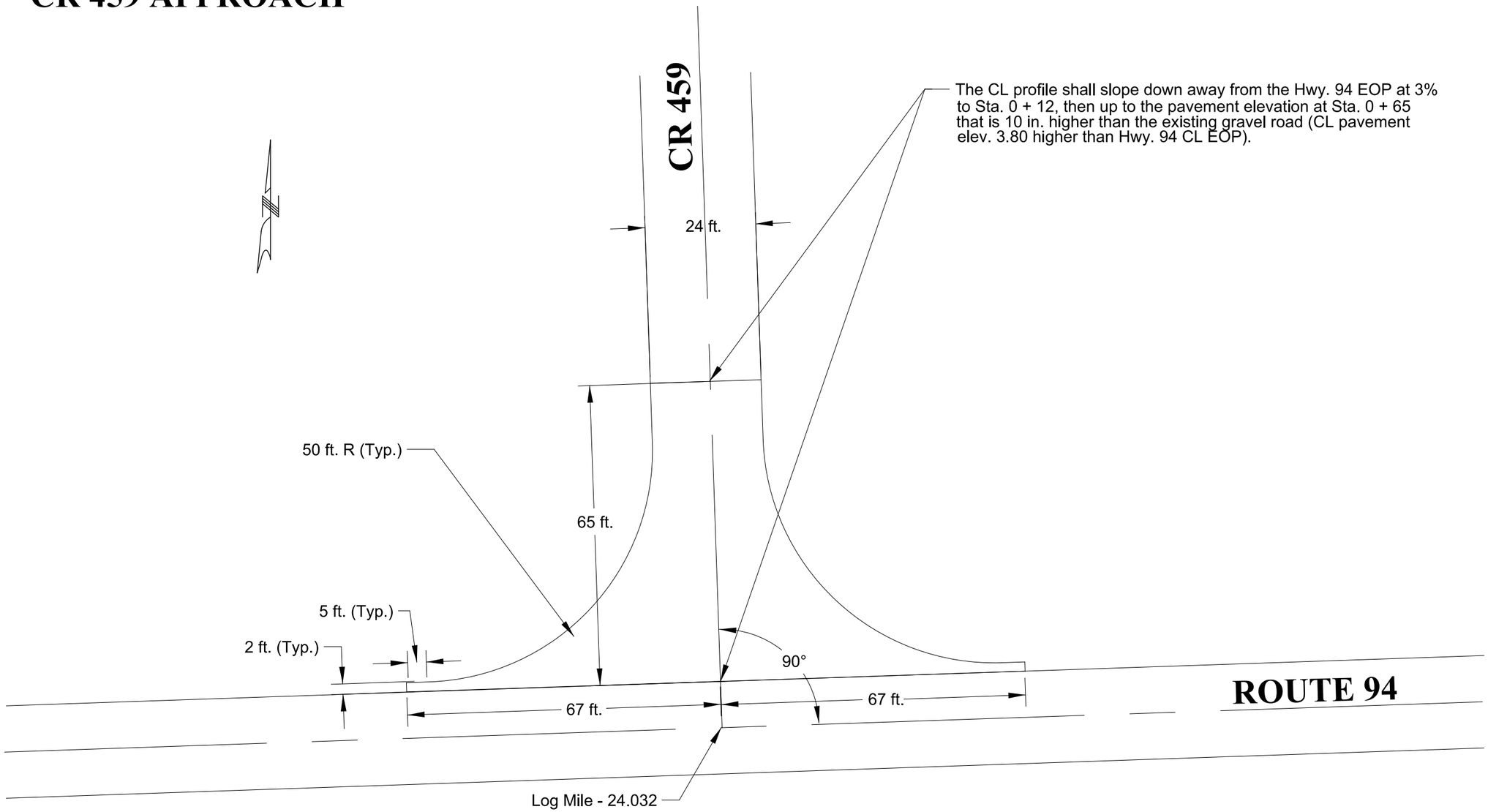
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 459 APPROACH



NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
16 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER

08/09/2026 7:36:14 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	19

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

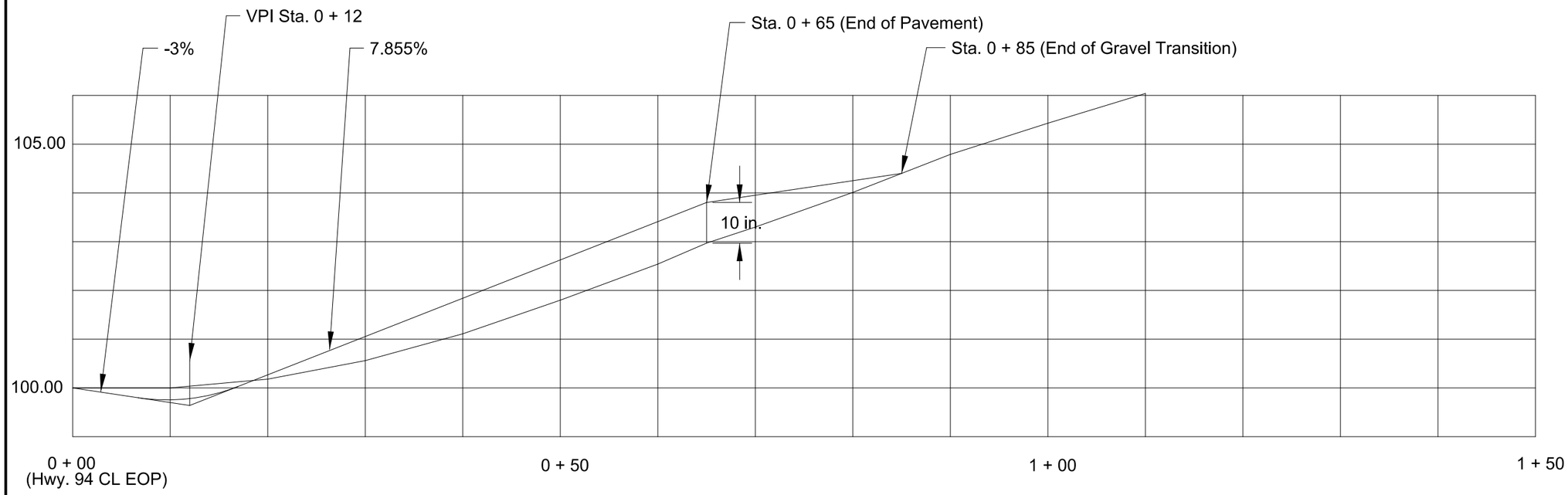
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
CR 459 APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

SPECIAL SHEET
CALLAWAY COUNTY ROADS
17 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:35:14 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO

DISTRICT	SHEET NO.
CD/NE	20

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

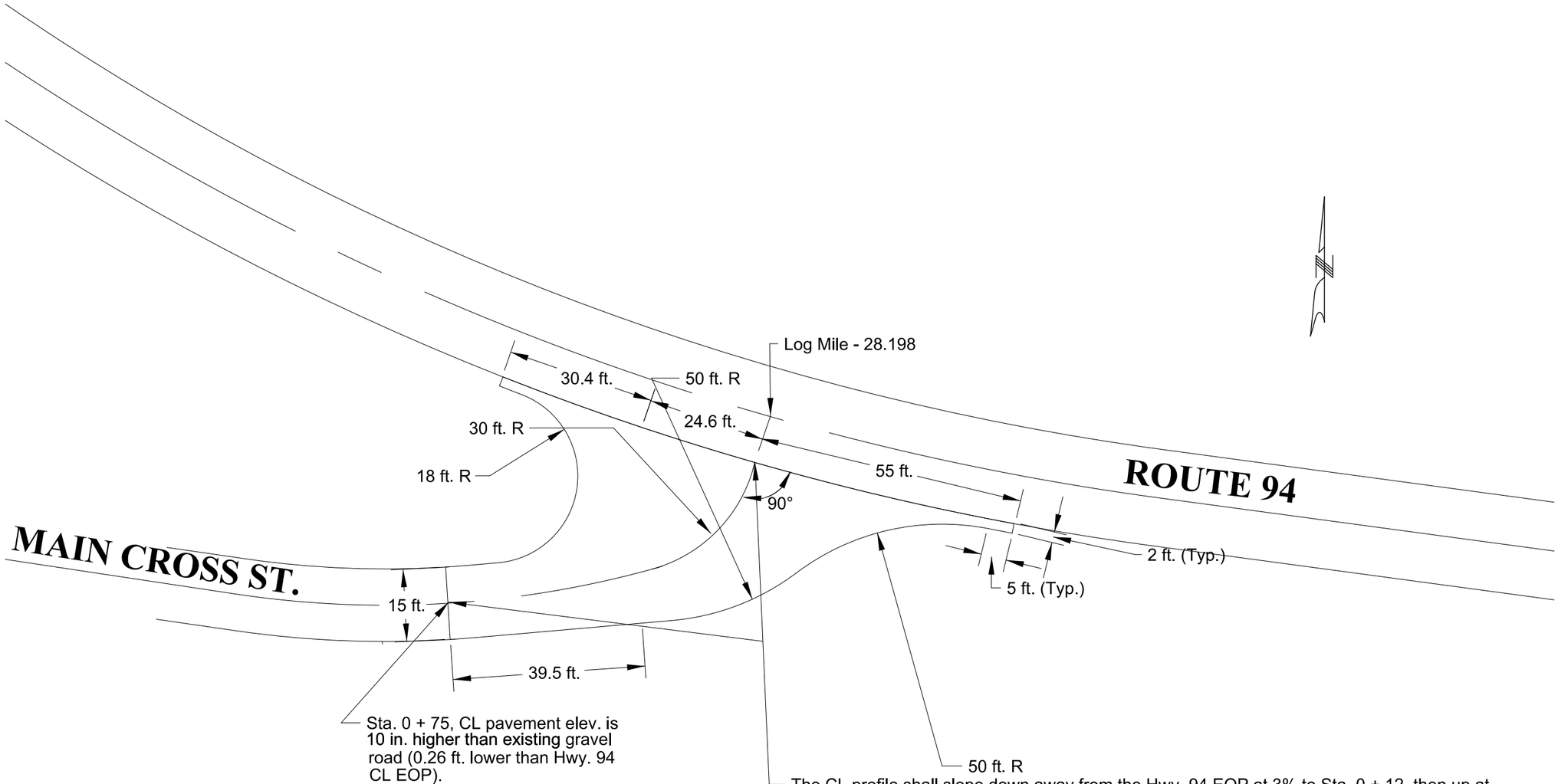
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
MAIN CROSS ST. APPROACH



NOT TO SCALE

SPECIAL SHEET
CALLAWAY COUNTY ROADS
18 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:32:14 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	21

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

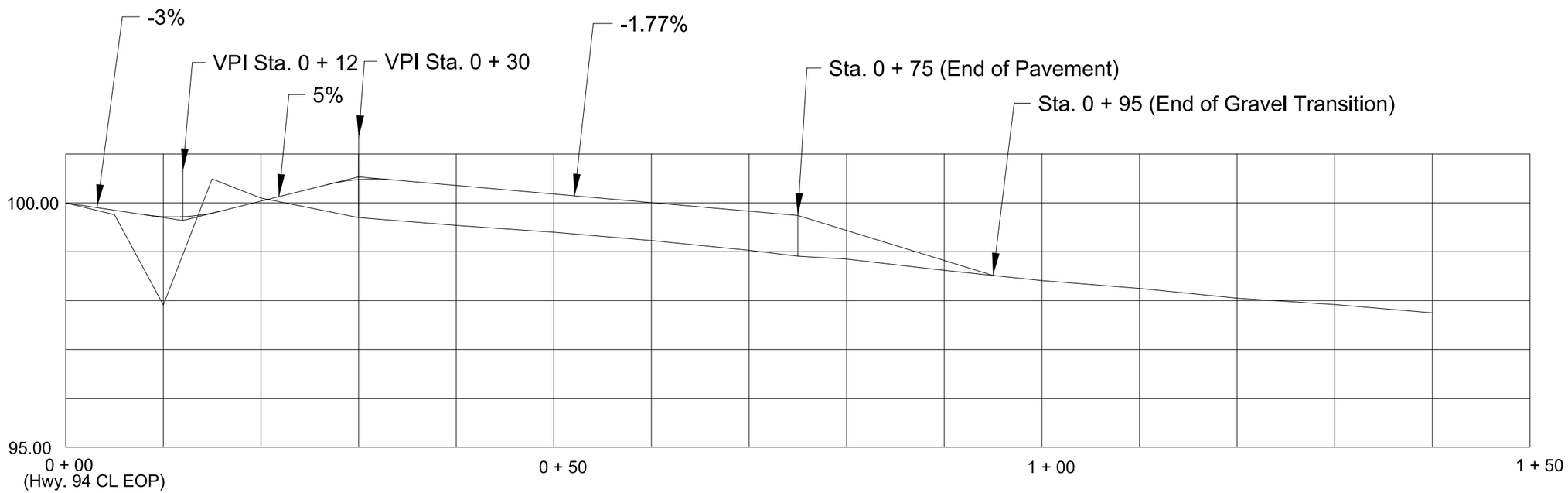
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CALLAWAY COUNTY
HWY. 94 ASPHALT APPROACHES
MAIN CROSS ST. APPROACH PROFILE



Scale: 1" = 10' (Horz.) / 1" = 2' (Vert.)

SPECIAL SHEET
CALLAWAY COUNTY ROADS
19 OF 19

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:39:15 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO

DISTRICT	SHEET NO.
CD/NE	22

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

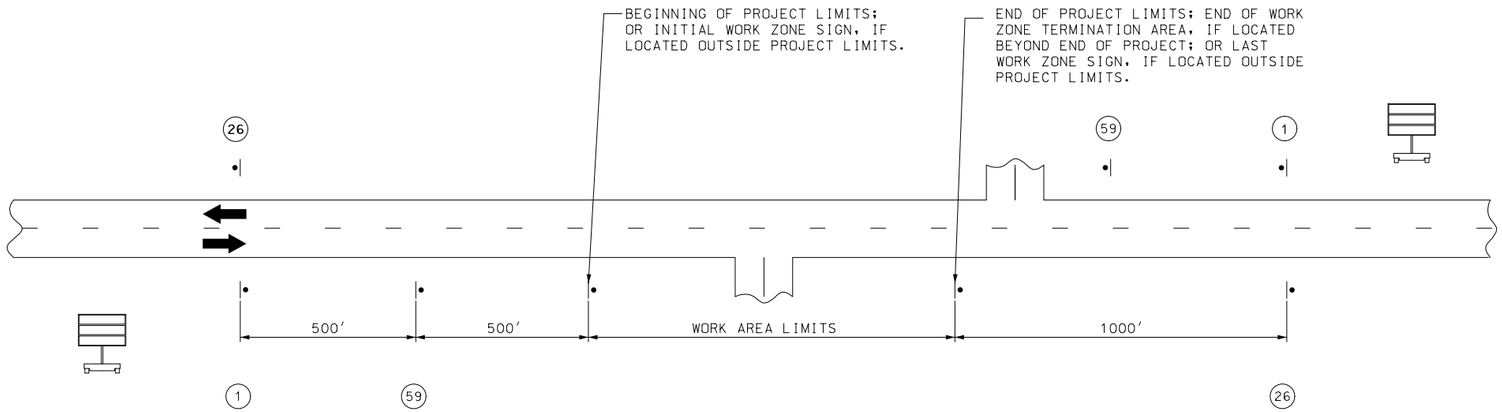
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

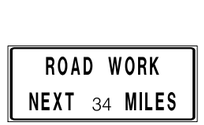


NOTES:

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.



G020-1

(1)



CONST-8

(59)



G020-2

(26)

TRAFFIC CONTROL
SHEET 1 OF 5

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:39:29 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	23

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

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)



W020-1

(2)



W020-4

(7)



W020-7a

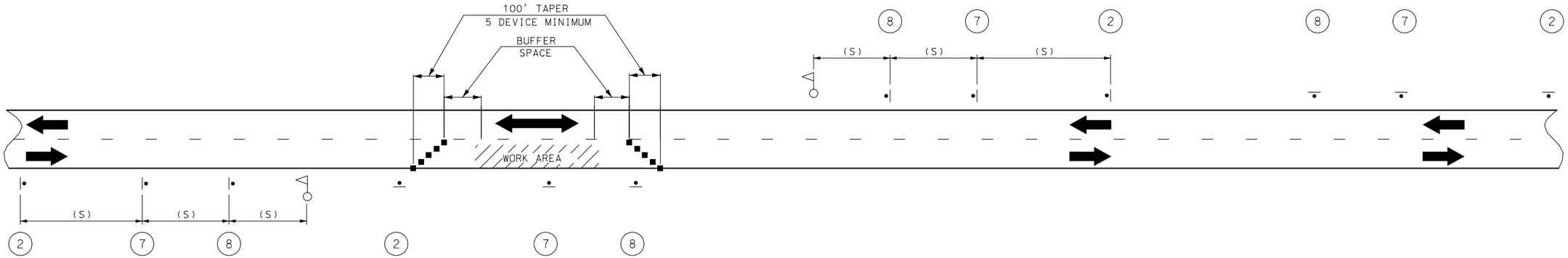
(8)



G020-4

(53)

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



SET 1	SET 2	SET 3	SET 4
ACTIVE	INACTIVE	ACTIVE	INACTIVE

NOTES:

THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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
60-70	1000	730

(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.



08/09/2026 7:59:43 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	24

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

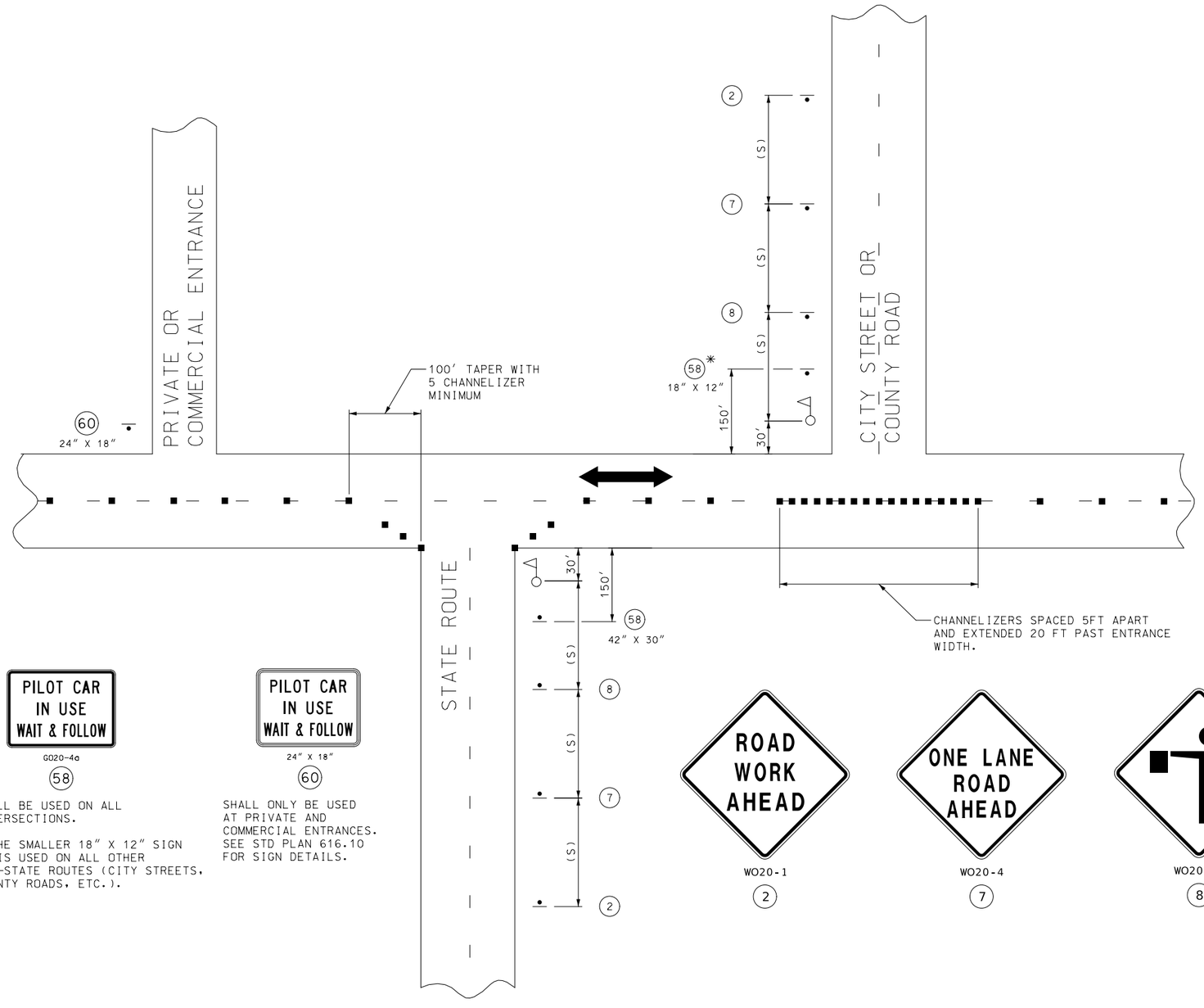
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



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
60-70	1000	120

(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

G020-4a

58

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

24" X 18"

60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

WO20-1

2

WO20-4

7

WO20-7a

8

SIDE ROADS ENTERING WORK ZONES

TRAFFIC CONTROL
SHEET 3 OF 5

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:38:51 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	25

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

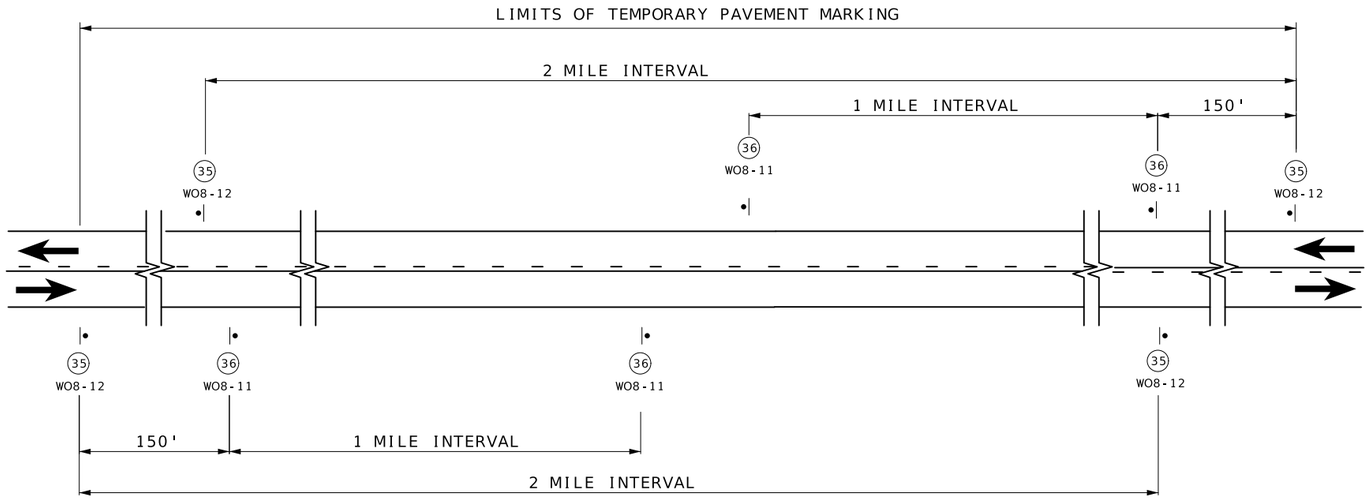
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BRIDGE NO.

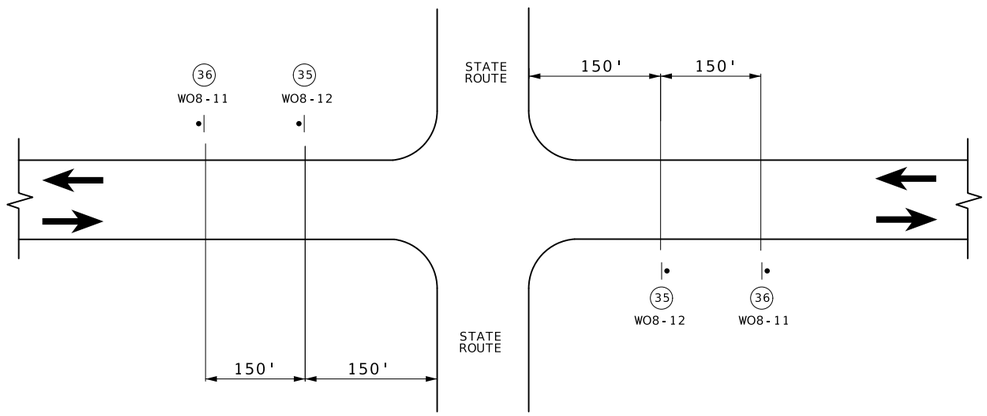
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE





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

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:40:12 PM
GREGORY G. LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	26

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

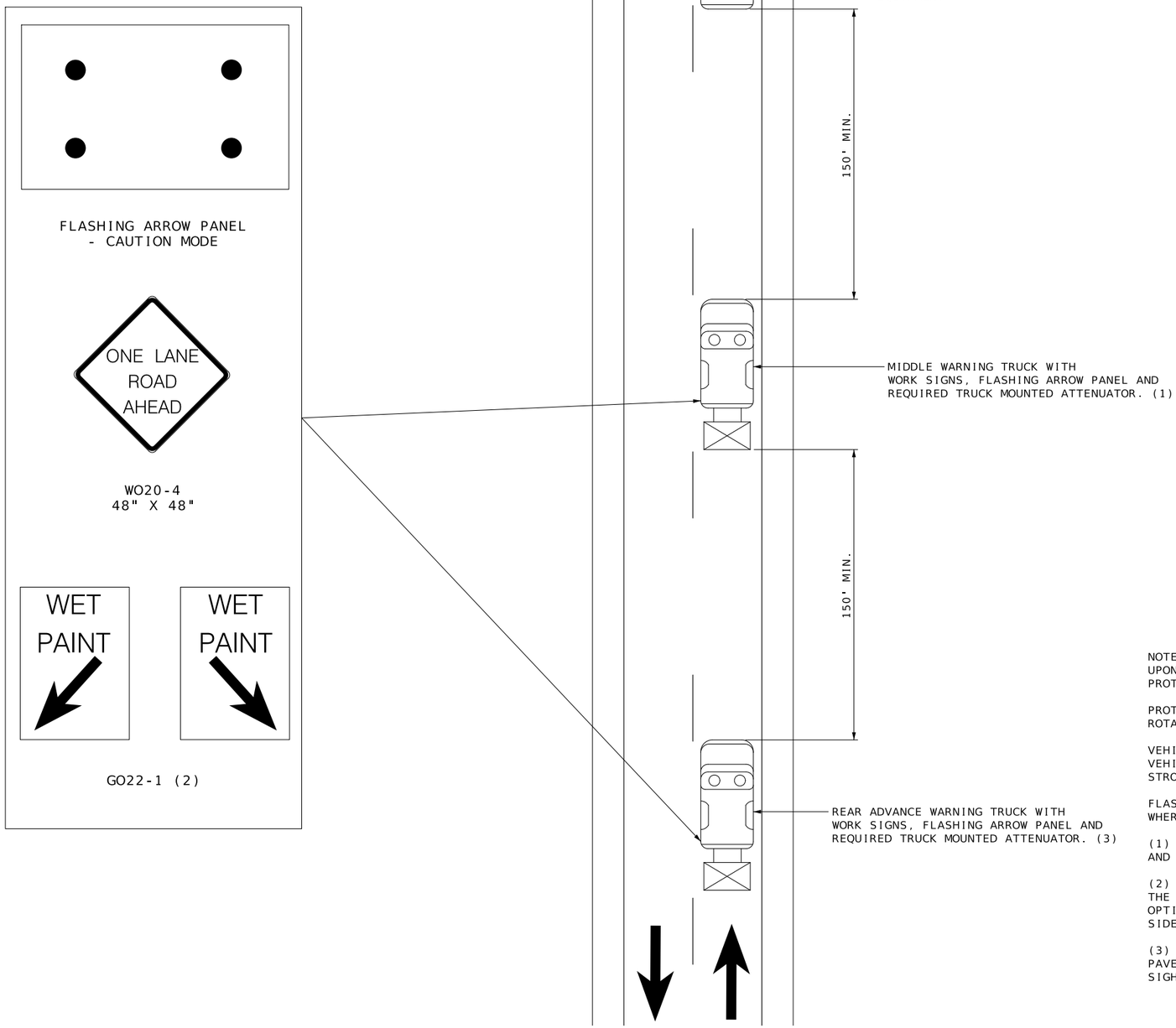
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOTES:
UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCK EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROPE LIGHTS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

TRAFFIC CONTROL
SHEET 5 OF 5

STATE OF MISSOURI
GREGORY G. LEARY
NUMBER PE-026654
PROFESSIONAL ENGINEER
08/09/2026 7:39:56 PM
GREGORY G.LEARY - CIVIL
MO-PE-026654

DATE PREPARED
8/7/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
CD/NE	27

COUNTY
CALLAWAY/MONTGOMERY

JOB NO.
JCD0294

CONTRACT ID.

PROJECT NO.

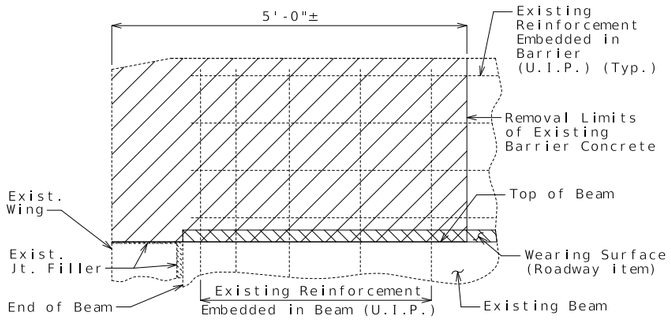
BRIDGE NO.

DESCRIPTION	DATE

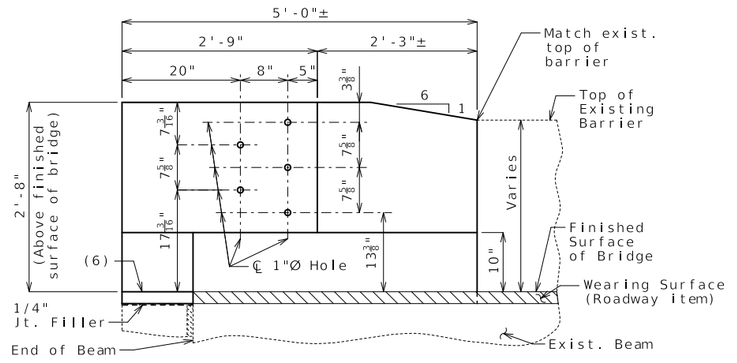
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SEC/SUR 33 TWP 46N RGE 7W

U.I.P. & REHABILITATE EXISTING (40', 60', 30') SIMPLE PRESTRESSED CONCRETE CORED SLAB SPANS (SKEW: SQUARE)

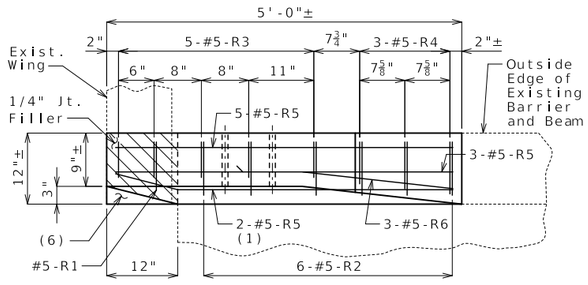


PART ELEVATION SHOWING CONCRETE REMOVAL

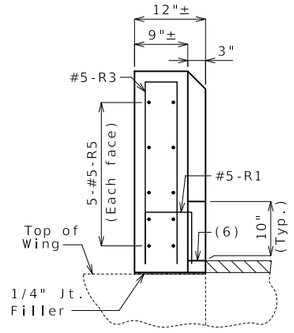


ELEVATION

Estimated Quantities		
Item		Total
Barrier End Modification	each	4



PLAN (3)



ELEVATION A-A

(1) Bend in field.

(2) 2 Spa. @ $4\frac{1}{2}$"

(3) Existing reinforcement not shown for clarity.

(4) Existing longitudinal reinforcement not shown for clarity.

(5) Existing reinforcement embedded in beam (U.I.P.) (Bend in field as needed) (Typ.)

(6) Fill with mortar or concrete.

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
Class B-1 Concrete f'c = 4,000 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Miscellaneous:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown.

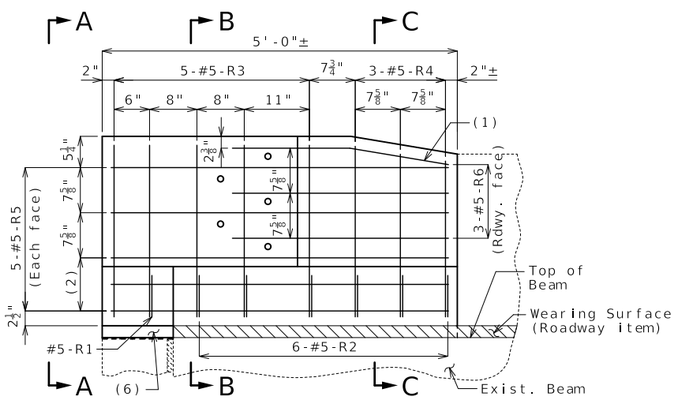
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

All reinforcement in barrier end modification shall be epoxy coated.

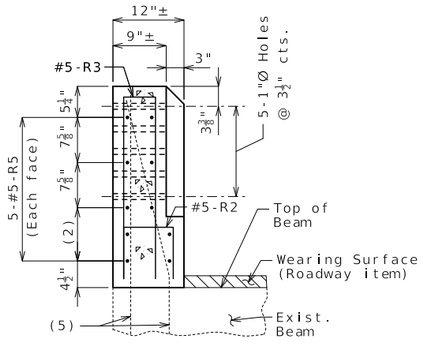
Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

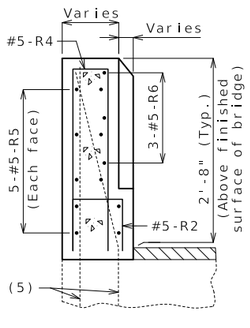
Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.



ELEVATION SHOWING REINFORCEMENT (3)



SECTION B-B (4)



SECTION C-C (4)

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT

REPAIRS TO BRIDGE:
ROUTE 94 OVER EAGLE CREEK
ROUTE 94 FROM ROUTE CC TO ROUTE D
ABOUT 1.4 MILES SOUTHWEST OF ROUTE D
BEGINNING STATION 100+03.95± (MATCH EXISTING)

Detailed May 2026
Checked May 2026

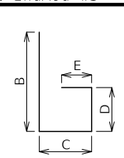
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TIMOTHY D. LEAF
NUMBER PE-2012000778
PROFESSIONAL ENGINEER
08/17/2026 2:43:07 PM
TIMOTHY D. LEAF - CIVIL
MO-PE-2012000778

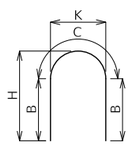
DATE PREPARED 8/17/2026
ROUTE 94 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY CALLAWAY
JOB NO. JCD0294
CONTRACT ID.
PROJECT NO.
BRIDGE NO. B03361

DESCRIPTION | DATE

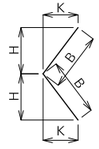
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



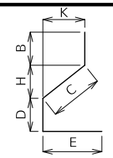
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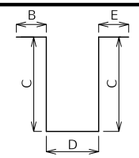
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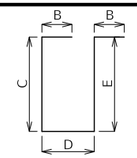
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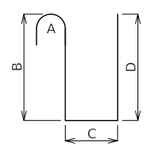
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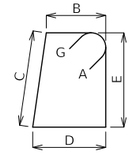
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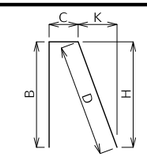
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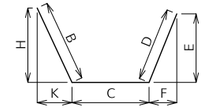
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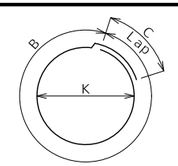
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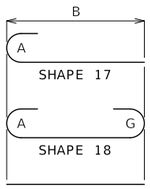
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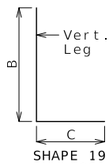
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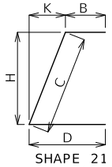
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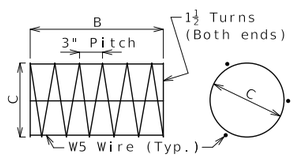
SHAPE 17
SHAPE 18
SHAPE 20



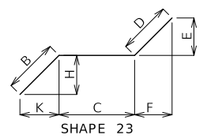
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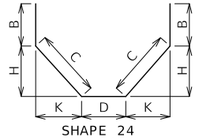
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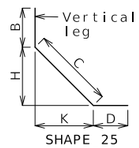
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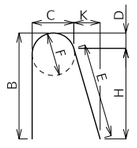
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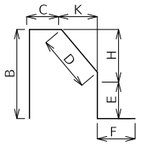
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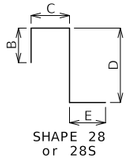
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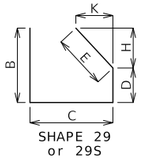
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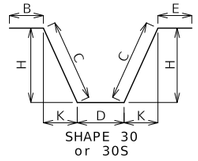
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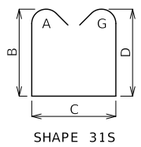
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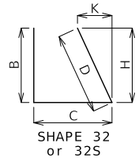
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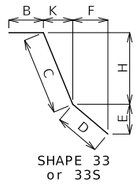
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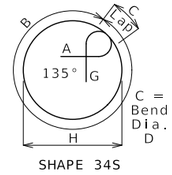
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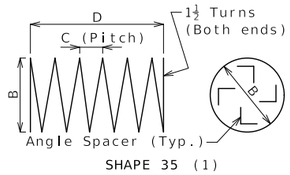
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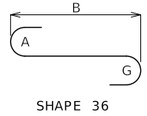
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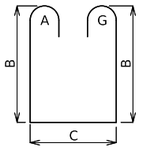
C =
Bend
Dia.
D
SHAPE 34S



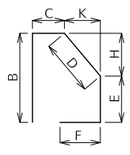
SHAPE 35 (1)



SHAPE 36



SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

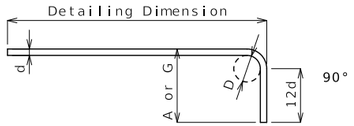
(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28¼"

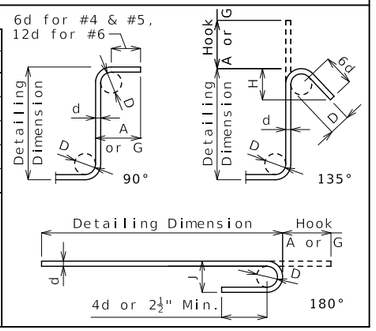


Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.



Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	4	0	0	0	0	0	0	0
	5	0	0	0	473	0	0	473
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0
By Type		0	0	0	473	0	0	473

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes			Dimensions B	C	D	E	F	H	K	Nom. Length	Actual Length	Weight
			C	SH	V	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb
		End Post Mod.													
4	5 R1	MODIFIED END	E	10S			9.00	8.00					2 2	1 11	8
24	5 R2	MODIFIED END	E	10S			9.00	9.00					2 3	2 0	50
20	5 R3	MODIFIED END	E	10S			2 7.00	6.00					5 8	5 5	113
12	5 R4	MODIFIED END	E	10S	4		2 6.75	7.00					5 9	5 6	
		Incr. = 2.000"					2 4.25	8.50					5 5	5 2	67
40	5 R5	MODIFIED END	E	20		4 9.00							4 9	4 9	198
12	5 R6	MODIFIED END	E	15S		11.25	2 1.50				1.25	11.25	3 1	2 11	37

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed May 2026
Checked May 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TIMOTHY D. LEAF
NUMBER PE-2012000778
PROFESSIONAL ENGINEER
06/16/2026 11:13:43 AM
TIMOTHY D. LEAF - CIVIL
MO-PE-2012000778

DATE PREPARED 6/16/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
BR	2

COUNTY CALLAWAY

JOB NO. JCD0294

CONTRACT ID.

PROJECT NO.

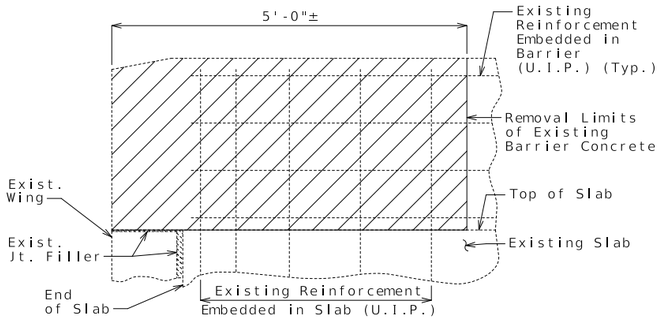
BRIDGE NO. B03361

DESCRIPTION	DATE

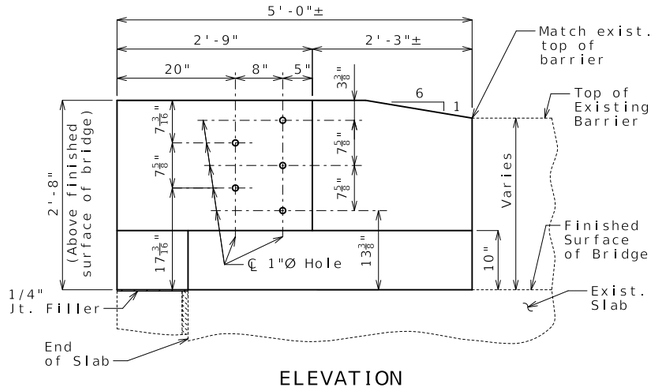
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SEC/SUR 18 TWP 45N RGE 8W

U.I.P. & REHABILITATE EXISTING (30', 30', 30') CONTINUOUS CAST IN PLACE FLAT SLAB SPANS (SKEW: 10°00'00" L.A.)

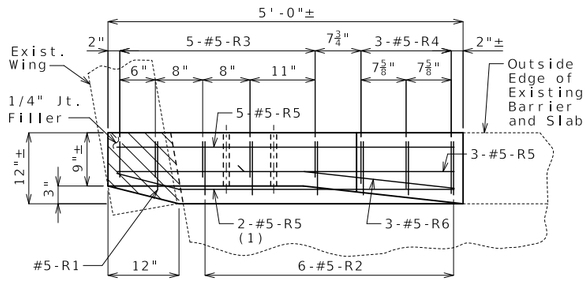


PART ELEVATION SHOWING CONCRETE REMOVAL



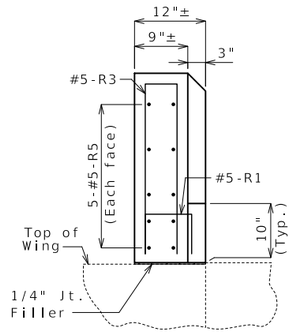
ELEVATION

Estimated Quantities		
Item		Total
Barrier End Modification	each	4



PLAN (3)

(R.A. skew shown, L.A. skew similar)



ELEVATION A-A

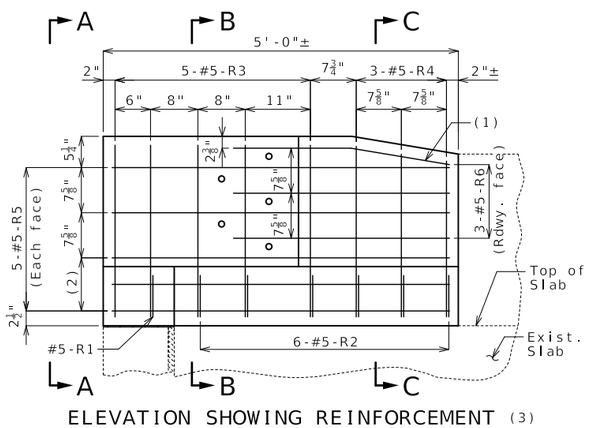
(1) Bend in field.

(2) 2 Spa. @ $4\frac{1}{2}$"

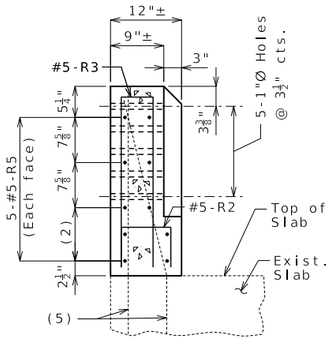
(3) Existing reinforcement not shown for clarity.

(4) Existing longitudinal reinforcement not shown for clarity.

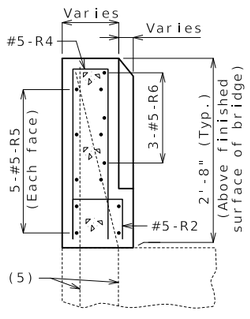
(5) Existing reinforcement embedded in slab (U.I.P.) (Bend in field as needed) (Typ.)



ELEVATION SHOWING REINFORCEMENT (3)



SECTION B-B (4)



SECTION C-C (4)

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Unit Stresses:
Class B-1 Concrete f'c = 4,000 psi
Reinforcing Steel (Grade 60) fy = 60,000 psi

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Miscellaneous:
One lane of traffic shall remain open during construction. See roadway plans for traffic control.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise shown.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

All reinforcement in barrier end modification shall be epoxy coated.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

The area exposed by the removal of concrete and not covered with new concrete shall be coated with a qualified special mortar in accordance with Sec 704.

Cost of removing existing barrier concrete, and cost of furnishing and installing new concrete, new reinforcing steel, and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification.

BARRIER MODIFICATION FOR GUARDRAIL ATTACHMENT

REPAIRS TO BRIDGE:
ROUTE 94 OVER EAST WING CREEK
ROUTE 94 FROM ROUTE C TO ROUTE CC
ABOUT 0.3 MILE NORTHEAST OF ROUTE C
BEGINNING STATION 99+84.00± (MATCH EXISTING)

Detailed May 2026
Checked May 2026

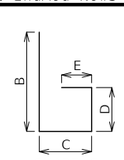
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TIMOTHY D. LEAF
NUMBER PE-2012000778
PROFESSIONAL ENGINEER
06/16/2026 11:13:52 AM
TIMOTHY D. LEAF - CIVIL
MO-PE-2012000778

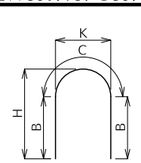
DATE PREPARED 6/16/2026
ROUTE 94 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY CALLAWAY
JOB NO. JCD0294
CONTRACT ID.
PROJECT NO.
BRIDGE NO. B03381

DESCRIPTION | DATE

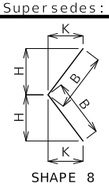
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



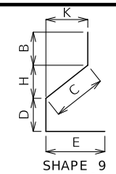
SHAPE 6
or 6S



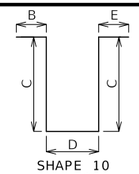
SHAPE 7



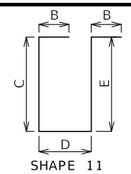
SHAPE 8
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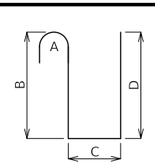
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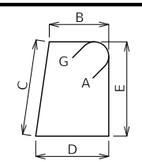
SHAPE 10
or 10S



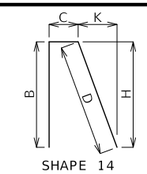
SHAPE 11
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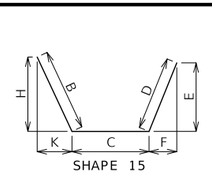
SHAPE 12



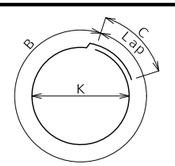
SHAPE 13S



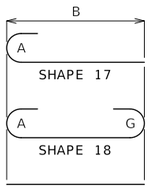
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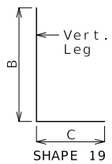
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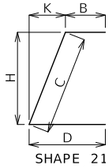
SHAPE 16



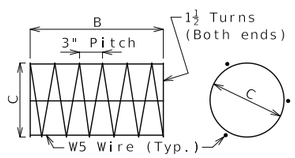
SHAPE 17
SHAPE 18
SHAPE 20



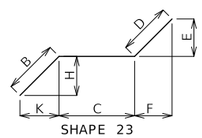
SHAPE 19
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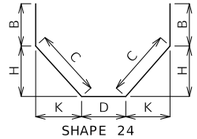
SHAPE 21
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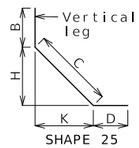
SHAPE 22



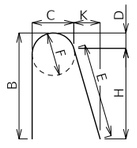
SHAPE 23
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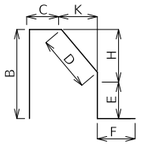
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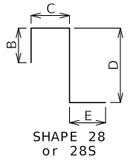
SHAPE 25
or 25S



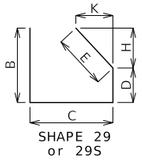
SHAPE 26



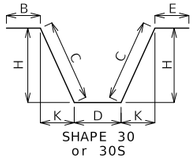
SHAPE 27S



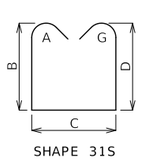
SHAPE 28
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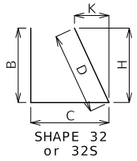
SHAPE 29
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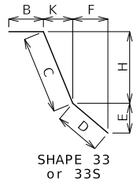
SHAPE 30
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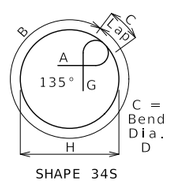
SHAPE 31S



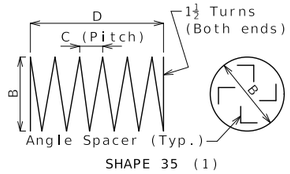
SHAPE 32
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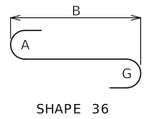
SHAPE 33
or 33S



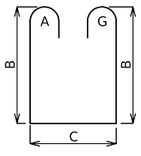
C =
Bend
Dia.
D
SHAPE 34S



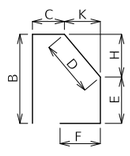
SHAPE 35 (1)



SHAPE 36



SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

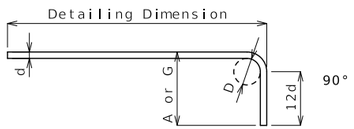
(1) Shall be a deformed or plain spiral bar or wire.

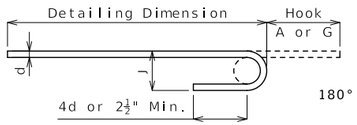
Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G 90°	A or G 180°	J 180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28¼"



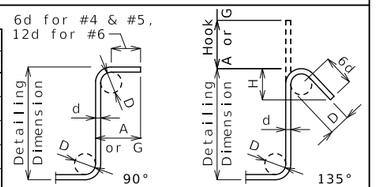


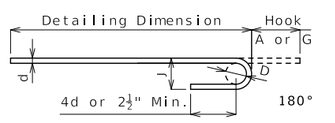
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G 90°	A or G 135°	A or G 180°	H 135°	J 180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





Reinforcing Steel Totals (Pounds)

	Size	Substructure Plain	Substructure Epoxy	Superstructure Slab	Superstructure Barrier	Superstructure Slip Form	Entire Bridge Plain	Entire Bridge Epoxy
By Size	4	0	0	0	0	0	0	0
	5	0	0	0	453	0	0	453
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0
By Type		0	0	0	453	0	0	453

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	Codes SH	Codes V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
		End Post Mod.													
4	5 R1	MODIFIED END	E	10S			7.00	8.00					1 10	1 7	7
24	5 R2	MODIFIED END	E	10S			7.00	9.00					1 11	1 8	42
20	5 R3	MODIFIED END	E	10S			2 5.00	6.00					5 4	5 1	106
12	5 R4	MODIFIED END	E	10S	4		2 4.75	7.00					5 5	5 2	
		Incr. = 2.000"					2 2.25	8.50					5 1	4 10	63
40	5 R5	MODIFIED END	E	20		4 9.00							4 9	4 9	198
12	5 R6	MODIFIED END	E	15S		11.25	2 1.50				1.25	11.25	3 1	2 11	37

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed May 2026
Checked May 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TIMOTHY D. LEAF
NUMBER PE-2012000778
PROFESSIONAL ENGINEER
06/16/2026 11:14:02 AM
TIMOTHY D. LEAF - CIVIL
MO-PE-2012000778

DATE PREPARED 6/16/2026

ROUTE	STATE
94	MO
DISTRICT	SHEET NO.
BR	2

COUNTY CALLAWAY

JOB NO. JCD0294

CONTRACT ID.

PROJECT NO.

BRIDGE NO. B03381

DESCRIPTION	DATE

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