

FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

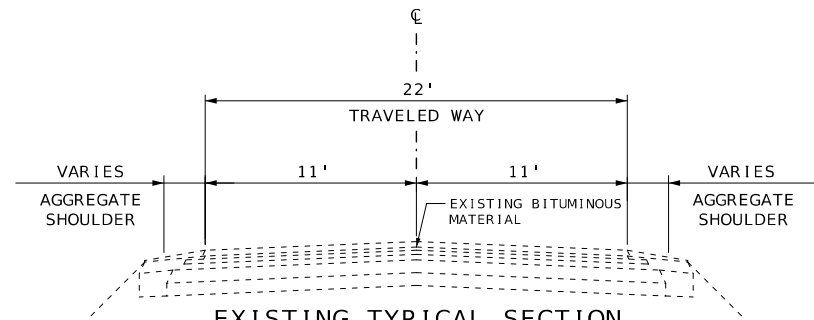
SCALE IN MILES

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5

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0.1 ACRES

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

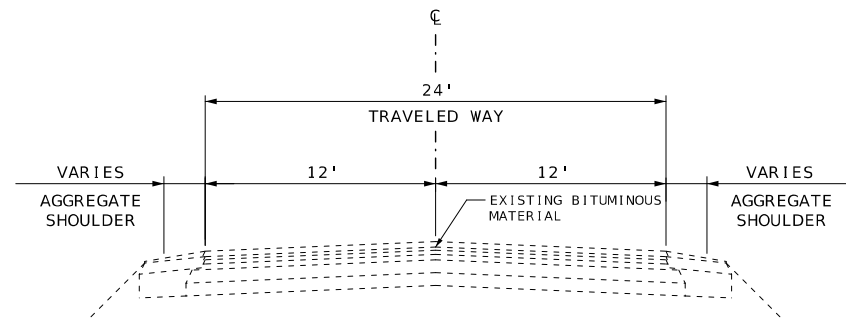


EXISTING TYPICAL SECTION

LOG MILE 9.351 TO LOG MILE 10.715
LOG MILE 10.730 TO LOG MILE 14.619
LOG MILE 21.228 TO LOG MILE 22.051
LOG MILE 22.130 TO LOG MILE 25.706
LOG MILE 25.786 TO LOG MILE 29.463

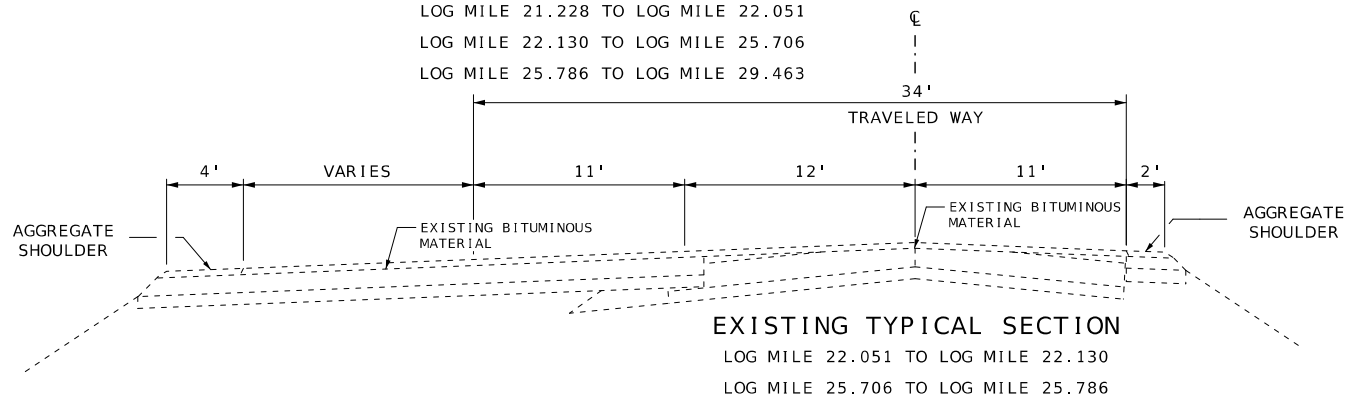
ESTIMATE FACTORS *	
BP-2 (PG58-28H)	1.98 TONS / CY
BITUMINOUS BASE (PG64-22)	1.98 TONS / CY
TACK COAT	0.1 GAL. / SY
PERMANENT AGGREGATE EDGE TREATMENT	1.60 TONS / CY

*FOR INFORMATION PURPOSES ONLY



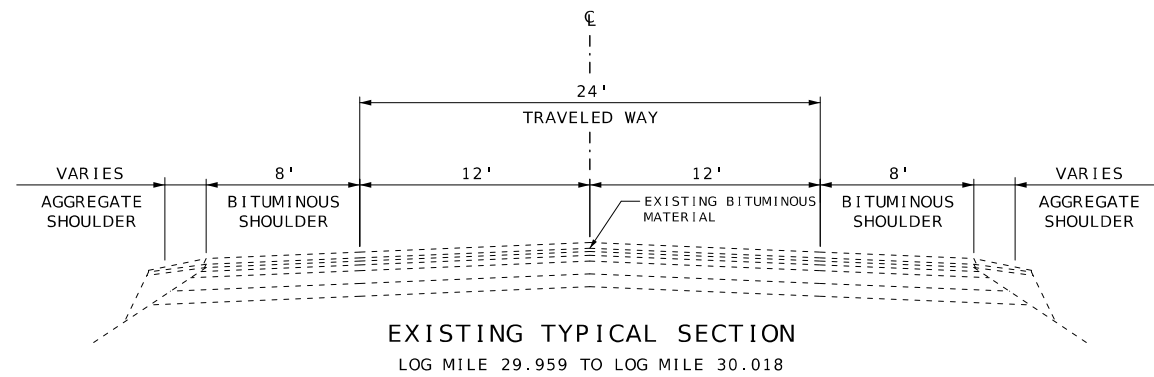
EXISTING TYPICAL SECTION

LOG MILE 14.619 TO LOG MILE 21.228



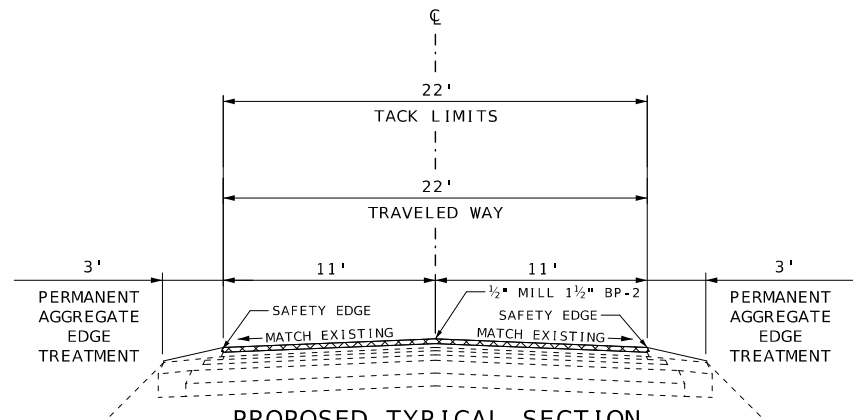
EXISTING TYPICAL SECTION

LOG MILE 22.051 TO LOG MILE 22.130
LOG MILE 25.706 TO LOG MILE 25.786



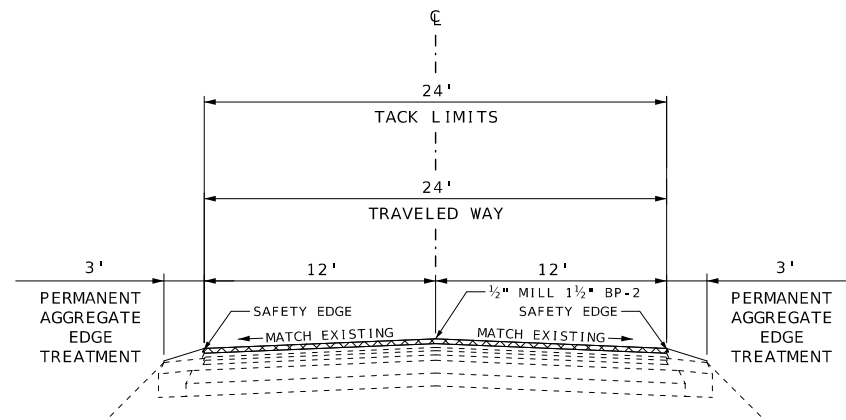
EXISTING TYPICAL SECTION

LOG MILE 29.959 TO LOG MILE 30.018



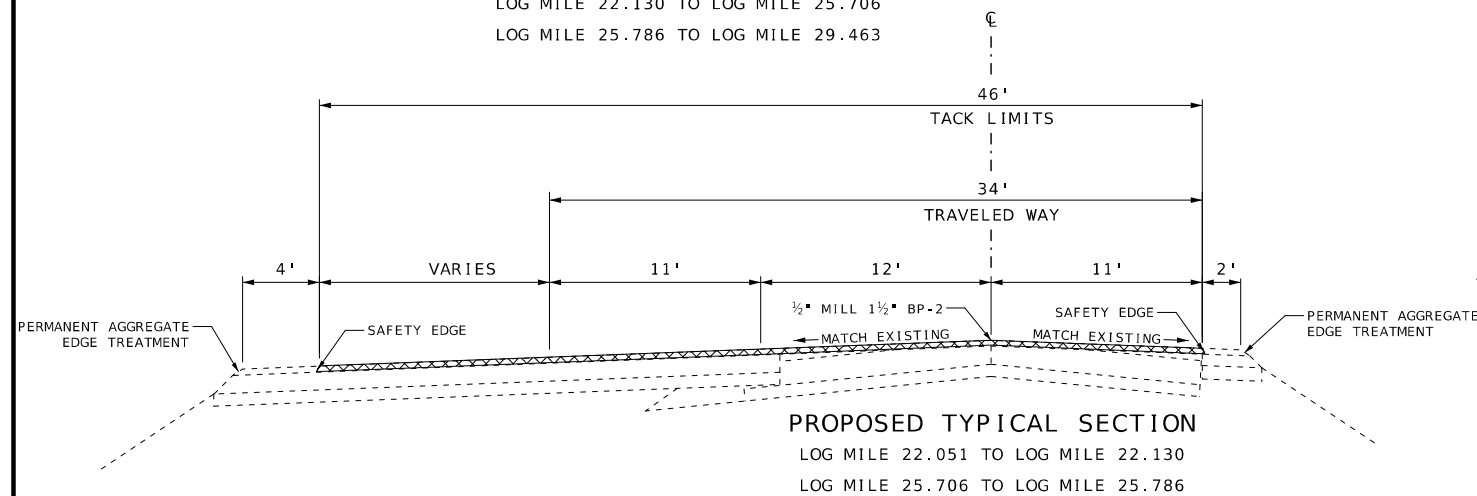
PROPOSED TYPICAL SECTION

LOG MILE 9.351 TO LOG MILE 10.715
LOG MILE 10.730 TO LOG MILE 14.619
LOG MILE 21.228 TO LOG MILE 22.051
LOG MILE 22.130 TO LOG MILE 25.706
LOG MILE 25.786 TO LOG MILE 29.463



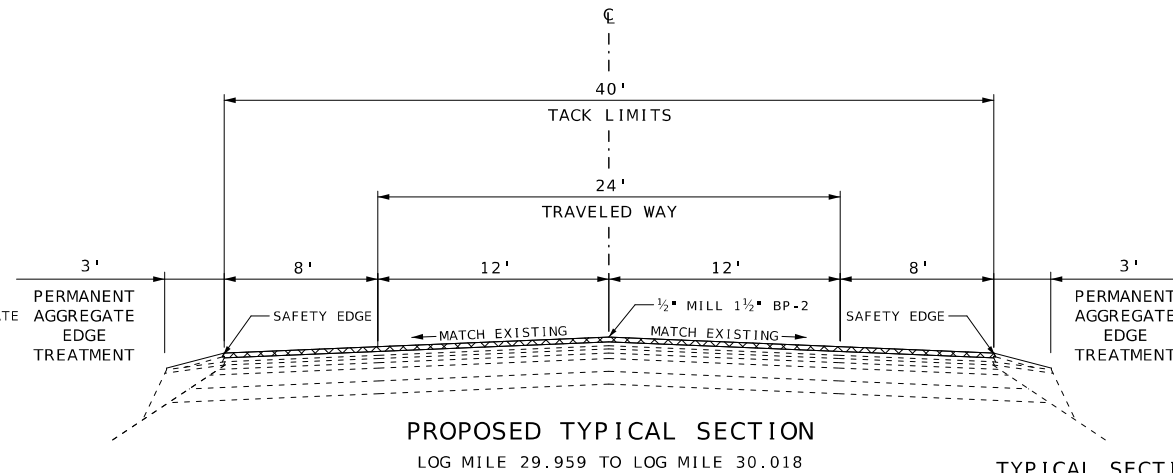
PROPOSED TYPICAL SECTION

LOG MILE 14.619 TO LOG MILE 21.228



PROPOSED TYPICAL SECTION

LOG MILE 22.051 TO LOG MILE 22.130
LOG MILE 25.706 TO LOG MILE 25.786



PROPOSED TYPICAL SECTION

LOG MILE 29.959 TO LOG MILE 30.018

TYPICAL SECTIONS
SHEET 1 OF 1



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/8/2025

ROUTE 5 STATE MO

DISTRICT NW SHEET NO. 2

COUNTY
PUTNAM/SULLIVAN

JOB NO.
JNW0040

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						
BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL	TYPE A CRASHWORTHY END TERMINAL (MASH)	MGS HEIGHT AND BLOCK TRANSITION	SHAPING SLOPES, CLASS III
			L.F.	EACH	EACH	100 FT.
10.679	10.715	B0149 (NW)	62.50	1	1	1.8
10.680	10.716	B0149 (NE)		1	1	2.2
10.730	0.026	B0149 (SW)	25.00	1	1	1.6
14.627	14.832	S.B.L.	987.50	2		11.7
15.779	15.938	S.B.L.	737.50	2		9.2
15.979	16.153	S.B.L.	825.00	2		10.1
17.156	17.326	S.B.L.	800.00	2		9.8
17.192	17.343	N.B.L.	700.00	2		8.8
17.438	17.555	S.B.L.	525.00	2		7.1
17.441	17.582	N.B.L.	650.00	2		8.3
17.742	17.904	N.B.L.	750.00	2		9.3
18.052	0.07	N.B.L.	493.75	2		6.7
0.034	18.272	N.B.L.	725.00	2		9.1
18.587	18.753	N.B.L.	775.00	2		9.6
18.574	18.739	S.B.L.	775.00	2		9.6
18.833	18.981	S.B.L.	687.50	2		8.7
19.263	19.4	S.B.L.	625.00	2		8.1
19.279	19.43	N.B.L.	700.00	2		8.8
19.579	19.77	S.B.L.	900.00	2		10.8
19.579	19.77	N.B.L.	900.00	2		10.8
19.779	19.9	N.B.L.	537.50	2		7.2
20.561	20.697	S.B.L.	625.00	2		8.1
29.410	29.446	B0165 (NW)		1	1	2.2
29.410	29.446	B0165 (NE)		1	1	1.6
29.463	29.499	B0165 (SW)		1	1	1.6
29.463	29.499	B0165 (SE)		1	1	2.2
SUBTOTALS			13806.25	45	7	185.0
PAY TOTALS			13806.3	45	7	185

MODIFIED COLDMILLING (DEPTH TRANSITIONS)					
BEGIN LOG MILE	END LOG MILE	LENGTH	WIDTH	QUANTITY	REMARKS
		FT	FT	SY	
9.351	9.353	50.000	22	122.22	FROM BEGINNING OF ROUTE
9.652		50.000	VAR.	400.00	INDUSTRIAL DR. INTERSECTION
10.706	10.715	50.000	22	122.22	BEFORE BR. B0149
10.730	10.739	50.000	22	122.22	AFTER BR. B0149
12.397		50.000	VAR.	400.00	ROUTE F INTERSECTION
14.379		50.000	VAR.	400.00	ROUTE B INTERSECTION
16.288		50.000	VAR.	400.00	ROUTE HH INTERSECTION
18.901		50.000	VAR.	400.00	ROUTE M INTERSECTION
25.148		50.000	VAR.	400.00	ROUTE N INTERSECTION
25.706		50.000	VAR.	400.00	MAYAPPLE RD. INTERSECTION
29.435	29.444	50.000	22	122.22	BEFORE BR. B0165
29.459	29.468	50.000	22	122.22	AFTER BR. B0165
30.016	30.018	50.000	22	122.22	TO END OF ROUTE
SUB TOTAL				3,533.32	
PAY TOTAL				3,533	

PAVEMENT MARKING										
BEGIN LOG MILE	END LOG MILE	LENGTH	CLASS 1 PAINT (18-MIL, TYPE P BEADS)			PREFORMED THERMOPLASTIC				REMARKS
			4 IN. YELLOW	4 IN. WHITE		LEFT/RIGHT ARROW	STRAIGHT ARROW	24 IN. WHITE	24 IN. YELLOW	
		SOLID		DOTTED						
		MILES		L.F.	L.F.					
9.351	10.715	1.364	8,552.28	14,403.84						BEGINNING OF SECTION TO BR. B0149
9.351				200.00						RAISED ISLANDS (CURB MARKING)
10.730	22.011	11.281	70,731.87	119,127.36						AFTER BR. B0149 TO MIDLAKE RD. INTERSECTION
22.011	22.130	0.119	1,256.64	1,884.96	4			36.0		MIDLAKE RD. INTERSECTION
22.130	24.995	2.865	17,963.55	30,254.40						MIDLAKE RD. INTERSECTION TO ROUTE N INTERSECTION
24.995	25.275	0.28	1,755.60	3,656.80				30.0		ROUTE N INTERSECTION
25.275	25.467	0.192	1,203.84	2,027.52						ROUTE N INTERSECTION TO MAYAPPLE INTERSECTION
25.467	25.828	0.361	7,624.32	5,718.24	50.00	6	1	30.0	80.0	MAYAPPLE INTERSECTION
25.828	29.444	3.616	22,672.32	38,184.96						TO BR. B0165
29.459	29.939	0.48	3,009.60	5,068.80						AFTER BR. B0165 TO END OF SECTION
29.939	30.018	0.079	834.24	984.24	50.00	4		24.0		SEE PAVEMENT MARKING SHEET
		SUBTOTALS	134,770.02	221,611.12		10	1	96.0	80.0	
		PAY TOTALS	134,770	221,611		10	1	96	80	

EROSION CONTROL								
	TYPE 1 ROCK DITCH LINER		PERMANENT EROSION CONTROL GEOTEXTILE	ROCK DITCH CHECK	SEDIMENT TRAP ROCK	SEDIMENT REMOVAL	SEEDING - COOL SEASON GRASSES	MULCHING
	FURNISHING	PLACING						
	CY	CY	SY	LF	CY	CY	ACRE	ACRE
	7.76	7.76	51.41	24.00	3.88	3.0	0.1	0.1
PAY TOTALS	8	8	51	24	3.9	3.0	1	1

PERMANENT AGGREGATE EDGE TREATMENT						
BEGIN LOG MILE	END LOG MILE	LENGTH MILES	DEPTH IN	AVG. WIDTH FT	QUANTITY TONS	REMARKS
9.351	10.715	1.364	2	3	280.07	
10.730	14.619	3.889	2	3	798.54	
14.619	21.228	6.609	2	3	1357.05	
21.228	29.444	8.216	2	3	1687.02	
29.459	30.018	0.559	2	3	114.78	
PRIVATE ENTRANCES		10.000	2	20	205.43	104
SUBTOTALS					4442.89	
PAY TOTALS					4442.9	

SHOULDER WIDENING					
BEGIN STA.	END STA.	LENGTH	SHOULDER GRADING	8" BP PG64-22 (BASE WIDENING)	TACK COAT
		FT	100F	TONS	GAL
-0+06.32	0+74.40	80.720	0.81	14.18	1.61
1+13.60	3+11.17	197.570	1.98	38.67	1.61
0+04.14	1+46.12	141.980	1.42	52.80	1.61
SUBTOTALS			4.21	105.65	4.83
PAY TOTALS			4	105.7	4.8

CLASS C REPAIRS						
BEGIN LOG MILE	END LOG MILE	LENGTH MILES	WIDTH FT	DEPTH IN	REMOVAL SY	BITUMINOUS MATERIAL FURNISHING & PLACING TONS
9.351	10.715	1.364	22	4	44.01	9.68
10.730	14.619	3.889	22	4	125.49	27.61
14.619	21.228	6.609	24	4	232.64	51.18
21.228	29.444	8.216	22	4	265.10	58.32
29.459	30.018	0.559	22	4	18.04	3.97
SUBTOTALS					685.28	150.76
PAY TOTALS					685.3	150.8

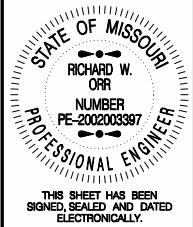
RESURFACING							
BEGIN LOG MILE	END LOG MILE	LENGTH	TRAVELWAY WIDTH	COLDMILLING (3 IN. OR LESS)	1.5" BP-2	TACK COAT	REMARKS
		MILES	FT	SY	TONS	GAL	
9.351	10.715	1.364	22	17,604.69	1452.39	1760.47	BEGINNING OF SECTION TO BR. B0149
10.730	14.619	3.889	22	50,194.03	4141.01	5019.40	AFTER BR. B0149 TO WIDTH CHANGE
14.619	21.228	6.609	24	93,054.72	7677.01	9305.47	
21.228	29.444	8.216	22	106,041.17	8748.40	10604.12	BEFORE BR. B0165
29.459	30.018	0.559	22	7,214.83	595.22	721.48	AFTER BR. B0165 TO END OF SECTION
0.000	0.018	0.018	VARIES	1,649.53	136.09	164.95	MIDLAKE RD. INTERSECTION
0.000	0.066	0.066	VARIES	1,666.11	137.45	166.61	ROUTE N INTERSECTION
0.000	0.034	0.034	VARIES	1,915.66	158.04	191.57	MAYAPPLE RD. INTERSECTION
		2.500	2	2,933.33	242.00	293.33	EXISTING WIDENING AT CURVES
					465.75		2% FOR SAFETY EDGE
SUBTOTALS				282,274.07	23,753.36	28,227.40	
SHLDR. WID. TOTAL						4.83	
PAY TOTALS				282,274	23,753.4	28,232	

MOBILIZATION
LUMP SUM = 1

ADDITIONAL MOBILIZATION FOR SEEDING
4 EACH

CLEARING AND GRUBBING
1 ACRE

SUMMARY OF QUANTITIES
SHEET 1 OF 2



DATE PREPARED 10/8/2025	
ROUTE 5	STATE MO
DISTRICT NW	SHEET NO. 3
COUNTY PUTNAM/ SULLIVAN	
JOB NO. JNW0040	
CONTRACT ID.	

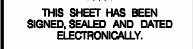
PROJECT NO.
BRIDGE NO.

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

														EFFECTIVE: 07-01-2024		STATE OF MISSOURI RICHARD W. ORR NUMBER PE-200203397 PROFESSIONAL ENGINEER THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. DATE PREPARED 10/8/2025 ROUTE 5 STATE MO DISTRICT NW SHEET NO. 3 COUNTY PUTNAM/ SULLIVAN JOB NO. JNW0040 CONTRACT ID. PROJECT NO. BRIDGE NO.				
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NUM.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL SQ. FT.	RELOC EACH	TOTAL RELOC SQ. FT.			SIGN NUM.	DESCRIPTION	ITEM NUMBER
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00			1	ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00			26	END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50	1	4.50			53	PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	37	323.75			58	PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6161008		ADVANCED WARNING RAIL SYSTEM
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161013		BUOYS (NO WAKE)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161025	308	CHANNELIZER (TRIM LINE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161030		TYPE III MOVEABLE BARRICADE
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161033		DIRECTION INDICATOR BARRICADE
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161040		FLASHING ARROW PANEL
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161047		TYPE III OBJECT MARKER
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161070		TUBULAR MARKER
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161095		RADAR SPEED ADVISORY SYSTEM
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161096	2*	CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			TEMPORARY LONG-TERM RUMBLE STRIPS
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162002		TEMPORARY TRAFFIC BARRIER
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6173600D		CONTRACTOR FURNISHED/RETAINED
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6176000B		TEMPORARY TRAFFIC BARRIER
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			COMMISSION FURNISHED/RETAINED
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6208064A		TEMPORARY RAISED PAVEMENT MARKER
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	9031242	1*	36 IN. SURFACE-MOUNT DELINEATOR
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE			
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)			
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED			
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD			
WO8-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY			
WO8-11	48X48	16.00	40	640.00			36	UNEVEN LANES	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC			
WO8-12	48X48	16.00	20	320.00			35	NO CENTER LINE	CONST-3X	56X12	4.67						FINE SIGN			
WO8-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS									NOTES: ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01 MISC. LUMP SUM TEMPORARY TRAFFIC CONTROL. UNLESS OTHERWISE NOTED, QUANTITIES SHOWN ARE ESTIMATES ONLY FOR TWO, TWO MILE LONG LANE CLOSURE SET UPS AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. CMS BOARD LOCATIONS TO BE DETERMINED ACCORDING TO SIGHT CONDITIONS BY ENGINEER. 36 IN. SURFACE-MOUNT DELINEATOR SHALL BE INSTALLED ON EASTERN RAISED ISLAND AT INTERSECTION OF ROUTE 136 IN UNIONVILLE. SEE STANDARD PLAN 616.20E FOR TEMPORARY TRAFFIC CONTROL PLANS. 		



DATE PREPARED

10/8/2025

ROUTE 5	STATE MO
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DISTRICT NW	SHEET NO. 4
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COUNTY	PUTNAM/
SULLIVAN	
JOB NO.	

JNW0040

CONTRACT ID.

1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 26

PROJECT NO.

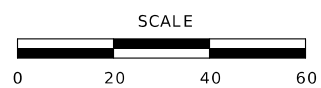
BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



GUARDRAIL
SPECIAL SHEET 1 OF 5



LOG MILE 29.487 (RTE 5 S.B.L.) TO LOG MILE 29.463 (BRIDGE B0165) OUTSIDE SHOULDER.
BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 1-MGS HEIGHT & BLOCK TRANSITION.

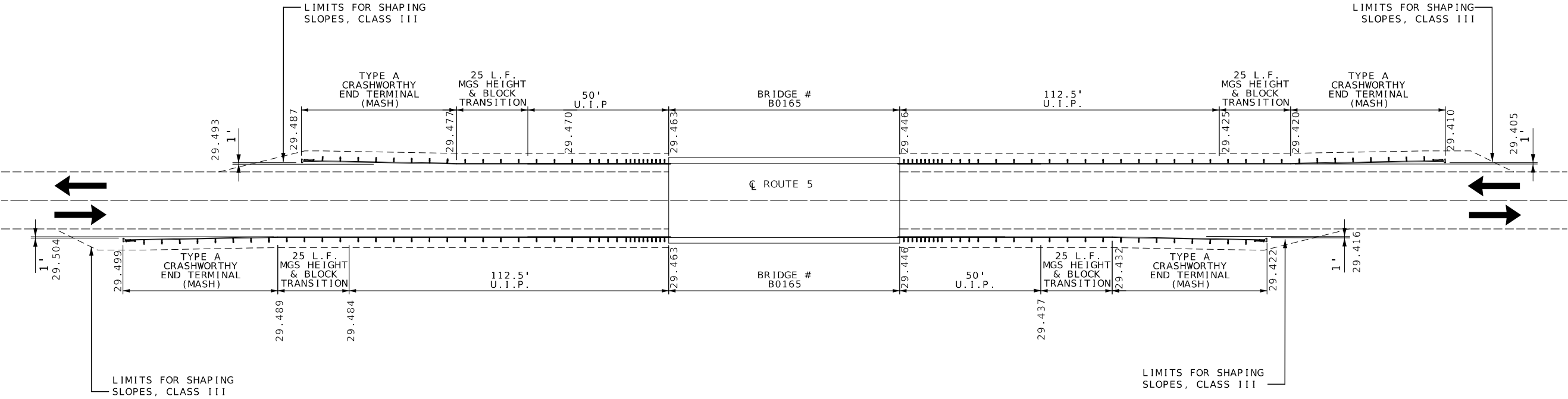
LOG MILE 29.493 (RTE 5 S.B.L.) TO LOG MILE 29.463 (BRIDGE B0165) OUTSIDE SHOULDER.
BUILD 1.6 x 100 FT. SHAPING SLOPES, CLASS III

(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 29.446. (BRIDGE B0165) TO LOG MILE 29.410 (RTE 5 S.B.L.) OUTSIDE SHOULDER.
BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 1-MGS HEIGHT & BLOCK TRANSITION.

LOG MILE 29.446 (BRIDGE B0165) TO LOG MILE 29.405 (RTE 5 S.B.L.) OUTSIDE SHOULDER.
BUILD 2.2 x 100 FT. SHAPING SLOPES, CLASS III

(NOTE: EXISTING GUARDRAIL NOT SHOWN)



LOG MILE 29.499 (RTE 5 N.B.L.) TO LOG MILE 29.463 (BRIDGE B0165) OUTSIDE SHOULDER.
BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 1-MGS HEIGHT & BLOCK TRANSITION

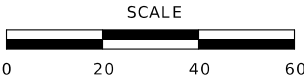
LOG MILE 29.504 (RTE 5 N.B.L.) TO LOG MILE 29.463 (BRIDGE B0165) OUTSIDE SHOULDER.
BUILD 2.2 x 100 FT. SHAPING SLOPES, CLASS III

(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 29.446 (BRIDGE B0165) TO LOG MILE 29.422 (RTE 5 N.B.L.) OUTSIDE SHOULDER.
BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 1-MGS HEIGHT & BLOCK TRANSITION

LOG MILE 29.446 (BRIDGE B0165) TO LOG MILE 29.416 (RTE 5 N.B.L.) OUTSIDE SHOULDER.
BUILD 1.6 x 100 FT. SHAPING SLOPES, CLASS III

(NOTE: EXISTING GUARDRAIL NOT SHOWN)



BRIDGE 0165 (ELMWOOD BRANCH)



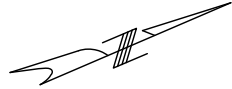
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED	
10/8/2025	
ROUTE	STATE
5	MO
DISTRICT	SHEET NO.
NW	5
COUNTY	
PUTNAM/ SULLIVAN	
JOB NO.	
JNW0040	
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)



LOG MILE 18.272 (RTE 5 N.B.L.) TO LOG MILE 0.034. (JUNE RD E.B.L.) OUTSIDE SHOULDER
BUILD 2-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 725.0 L.F. MGS GUARDRAIL
MATCH EXISTING CURVE FOR GUARDRAIL RADIUS

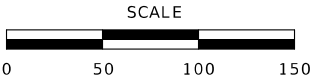
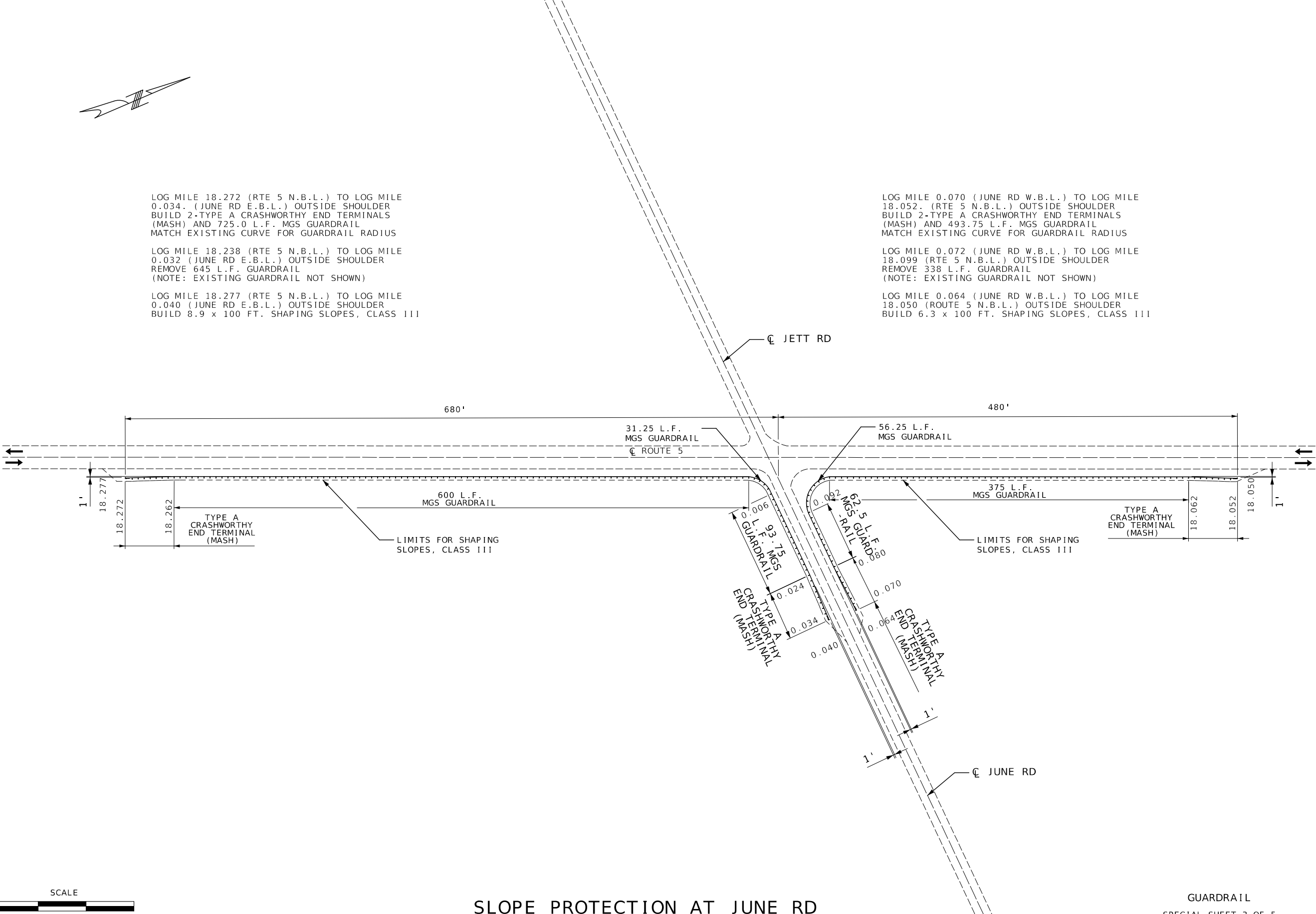
LOG MILE 18.238 (RTE 5 N.B.L.) TO LOG MILE 0.032 (JUNE RD E.B.L.) OUTSIDE SHOULDER
REMOVE 645 L.F. GUARDRAIL
(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 18.277 (RTE 5 N.B.L.) TO LOG MILE 0.040 (JUNE RD E.B.L.) OUTSIDE SHOULDER
BUILD 8.9 x 100 FT. SHAPING SLOPES, CLASS III

LOG MILE 0.070 (JUNE RD W.B.L.) TO LOG MILE 18.052. (RTE 5 N.B.L.) OUTSIDE SHOULDER
BUILD 2-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 493.75 L.F. MGS GUARDRAIL
MATCH EXISTING CURVE FOR GUARDRAIL RADIUS

LOG MILE 0.072 (JUNE RD W.B.L.) TO LOG MILE 18.099 (RTE 5 N.B.L.) OUTSIDE SHOULDER
REMOVE 338 L.F. GUARDRAIL
(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 0.064 (JUNE RD W.B.L.) TO LOG MILE 18.050 (ROUTE 5 N.B.L.) OUTSIDE SHOULDER
BUILD 6.3 x 100 FT. SHAPING SLOPES, CLASS III



SLOPE PROTECTION AT JUNE RD

GUARDRAIL
SPECIAL SHEET 3 OF 5



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED

10/8/2025

ROUTE STATE

5 MO

DISTRICT SHEET NO.

NW 6

COUNTY

PUTNAM/

SULLIVAN

JOB NO.

JNW0040

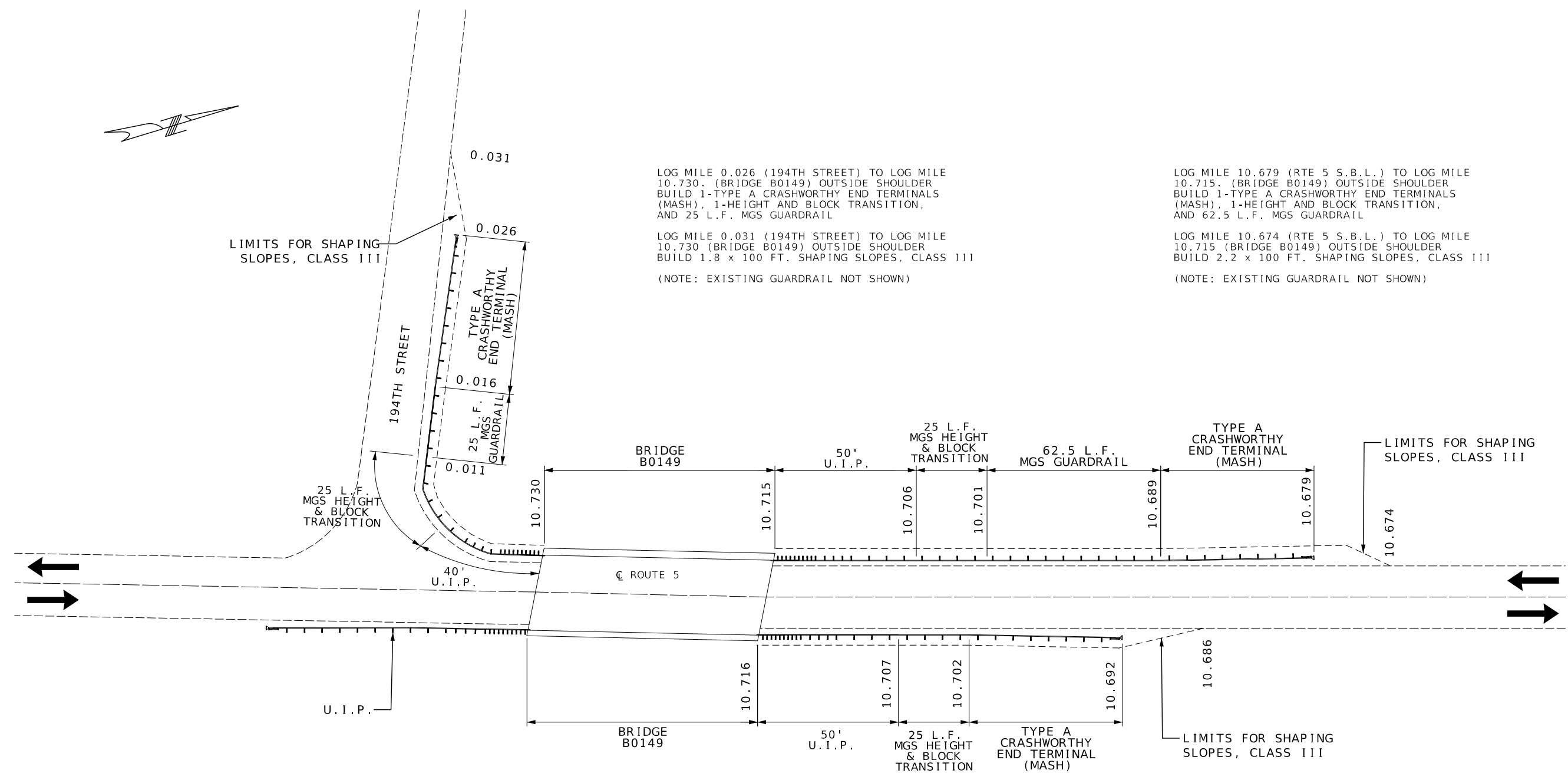
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



LOG MILE 0.026 (194TH STREET) TO LOG MILE 10.730. (BRIDGE B0149) OUTSIDE SHOULDER BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH), 1-HEIGHT AND BLOCK TRANSITION, AND 25 L.F. MGS GUARDRAIL

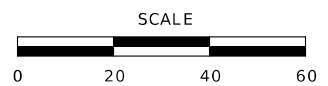
LOG MILE 0.031 (194TH STREET) TO LOG MILE 10.730 (BRIDGE B0149) OUTSIDE SHOULDER BUILD 1.8 x 100 FT. SHAPING SLOPES, CLASS III
(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 10.679 (RTE 5 S.B.L.) TO LOG MILE 10.715. (BRIDGE B0149) OUTSIDE SHOULDER BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH), 1-HEIGHT AND BLOCK TRANSITION, AND 62.5 L.F. MGS GUARDRAIL

LOG MILE 10.674 (RTE 5 S.B.L.) TO LOG MILE 10.715 (BRIDGE B0149) OUTSIDE SHOULDER BUILD 2.2 x 100 FT. SHAPING SLOPES, CLASS III
(NOTE: EXISTING GUARDRAIL NOT SHOWN)

LOG MILE 10.692 (RTE 5 S.B.L.) TO LOG MILE 10.716. (BRIDGE B0149) OUTSIDE SHOULDER BUILD 1-TYPE A CRASHWORTHY END TERMINALS (MASH) AND 1-MGS HEIGHT AND BLOCK TRANSITION

LOG MILE 10.686 (RTE 5 S.B.L.) TO LOG MILE 10.716 (BRIDGE B0149) OUTSIDE SHOULDER BUILD 1.6 x 100 FT. SHAPING SLOPES, CLASS III
(NOTE: EXISTING GUARDRAIL NOT SHOWN)



BRIDGE 0149 (SOUTH BLACKBIRD CREEK)

GUARDRAIL
SPECIAL SHEET 4 OF 5

STATE OF MISSOURI

RICHARD W. ORR

NUMBER
PE-200200397

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/8/2025

ROUTE
5

DISTRICT
NW

STATE
MO

SHEET NO.
7

COUNTY
PUTNAM/
SULLIVAN

JOB NO.
JNW0040

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

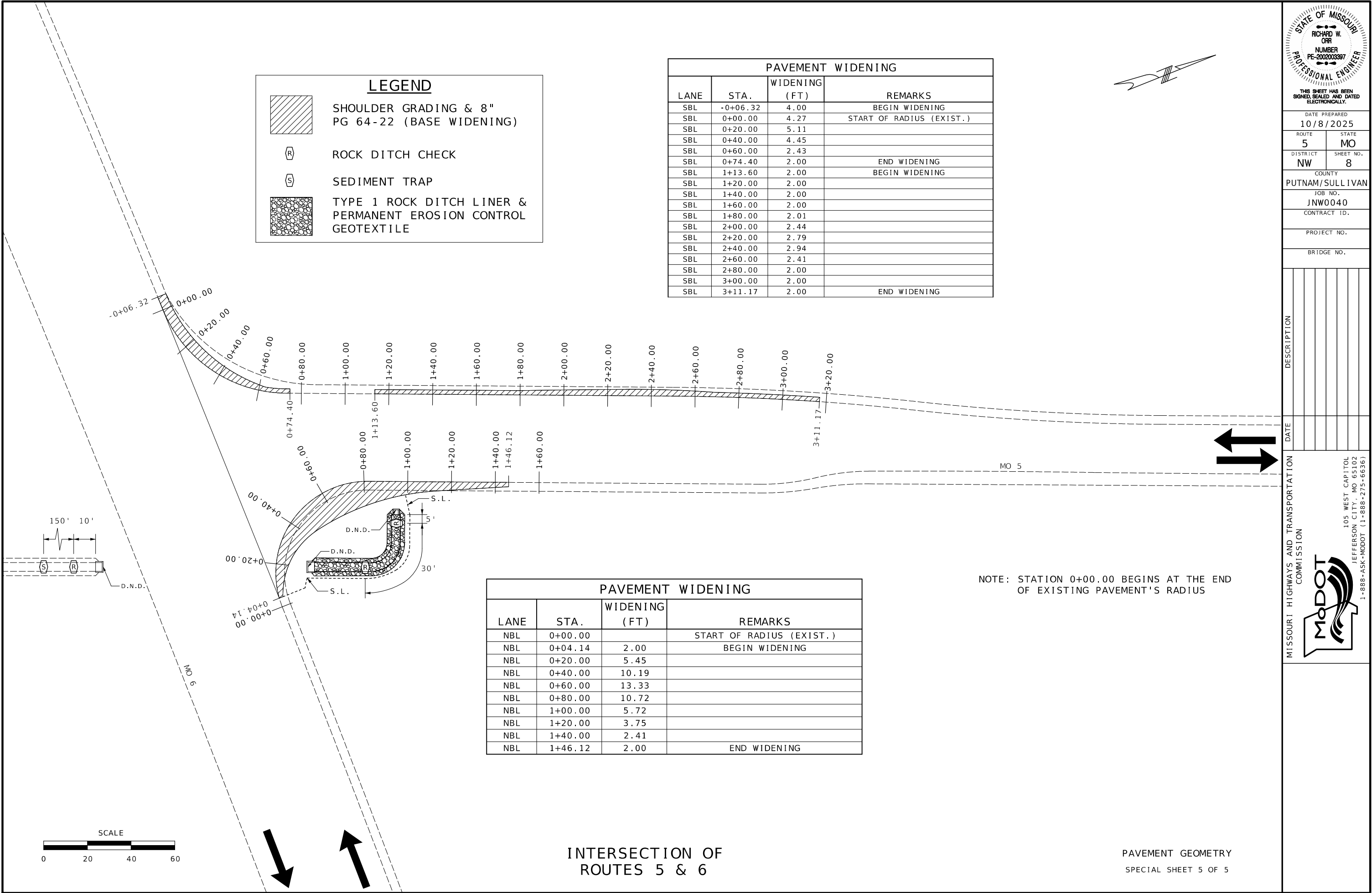
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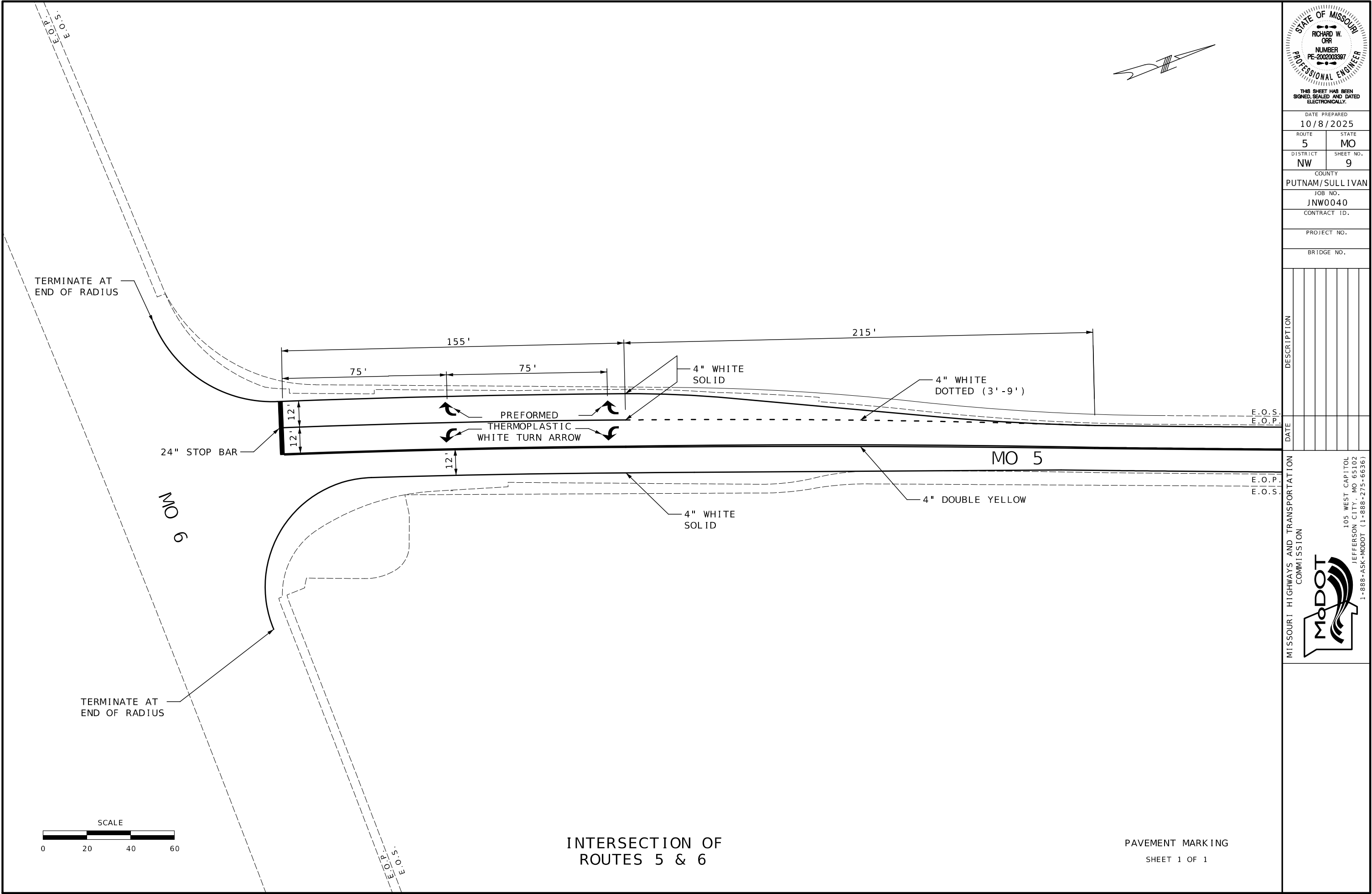
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION





THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/8/2025

ROUTE 5 STATE MO

DISTRICT NW SHEET NO. 9

COUNTY
PUTNAM/SULLIVAN

JOB NO.
JNW0040

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MODOT