

A.A.D.T. - 2025 = 574
A.A.D.T. - 2045 = 635
D.H.V. = N/A
T = N/A
V = 20 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION-LOCAL

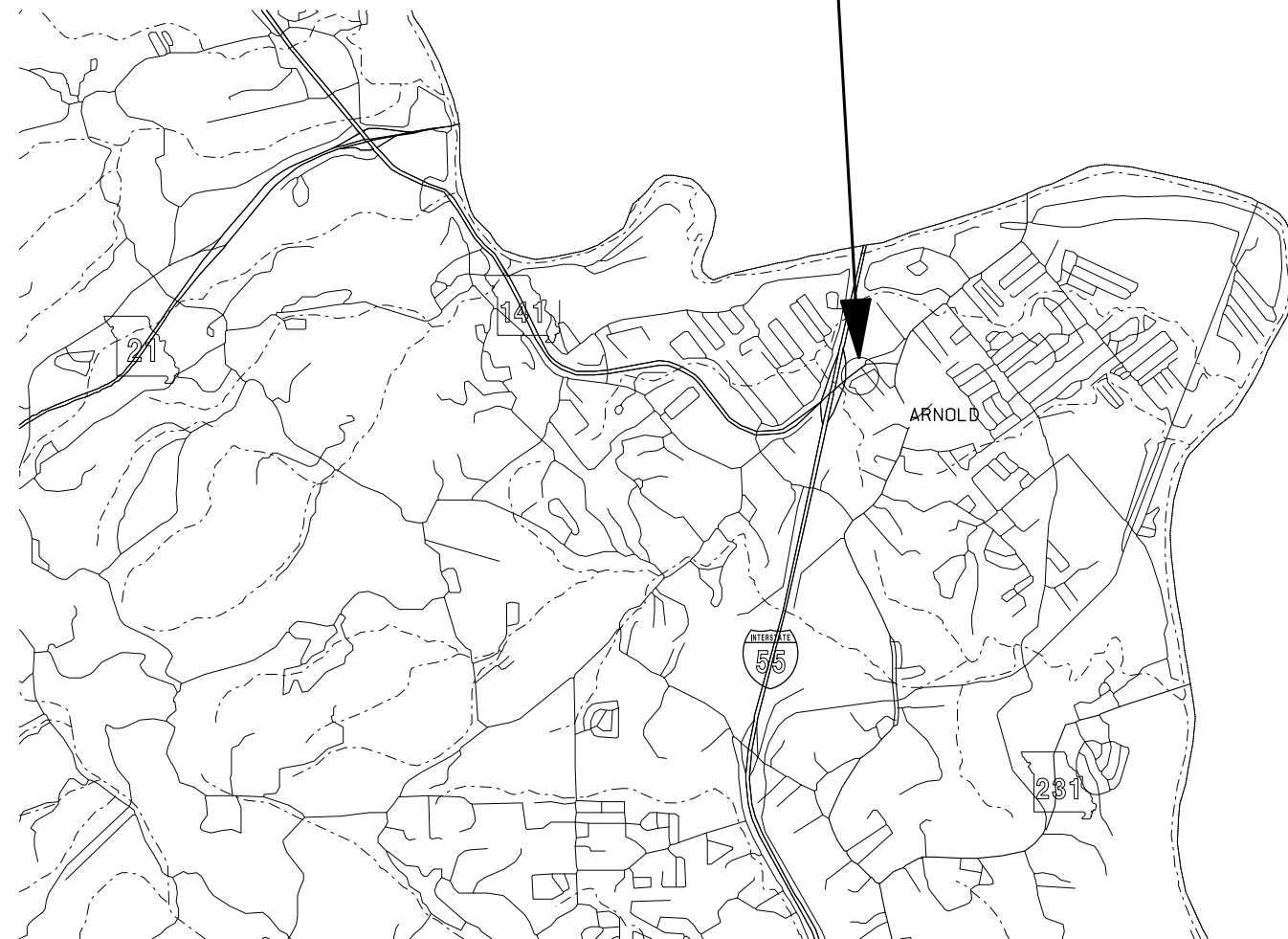
NO RIGHT OF WAY WILL BE
ACQUIRED FOR THIS PROJECT

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	— FO —	— FO —
OVERHEAD CABLE TV	— OTV —	— OTV —
UNDERGROUND CABLE TV	— UTV —	— UTV —
OVERHEAD TELEPHONE	— OT —	— OT —
UNDERGROUND TELEPHONE	— UT —	— UT —
OVERHEAD POWER	— OE —	— OE —
UNDERGROUND POWER	— UE —	— UE —
SANITARY SEWER	— S —	— S —
STORM SEWER	— SS —	— SS —
GAS	— G —	— G —
WATER	— W —	— W —
MANHOLE	SAN 	
FIRE HYDRANT	HYD 	
WATER VALVE	WV 	
WATER METER	WM 	
DROP INLET	DI 	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN 	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED 	
FENCE		
CHAIN LINK	— V —	— V —
WOVEN WIRE	— X —	— X —
GATE POST		
BENCHMARK	BM 	

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

KEY MAP
LOCATION OF JEFFERSON COUNTY

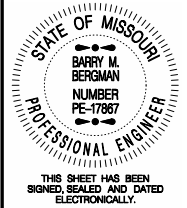
MILL/FILL RESURFACING, DRAINAGE



NOT TO SCALE

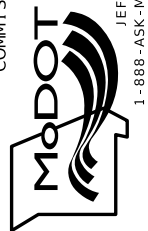
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

DESCRIPTION	NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (4 SHEETS)-----	3
PLAN SHEETS (PL)-----	4-6
TRAFFIC CONTROL SHEETS (TC)-----	7-11
CULVERT SECTION SHEETS.....	12-14



DATE PREPARED	
7/7/2026	
ROUTE	STATE
OR 141	MO
DISTRICT	SHEET NO.
SL	1
COUNTY	
JEFFERSON	
JOB NO.	
JSLM0077	
CONTRACT ID.	

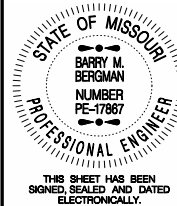
PROJECT NO.
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

TITLE SHEET

BEGINNING OF PROJECT	STA. 14+10.58
END OF PROJECT	STA. 20+26.64
APPARENT LENGTH	0.12 MILES
EQUATIONS AND EXCEPTIONS:	

TOTAL CORRECTIONS	0	MILES
NET LENGTH OF PROJECT	636.97	FEET
STATE LENGTH	0.12	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0.118	ACRES



DATE PREPARED
7/7/2026

ROUTE OR 141
DISTRICT SL
STATE MO
SHEET NO. 2

COUNTY JEFFERSON
JOB NO. JSLM0077
CONTRACT ID.

PROJECT NO.

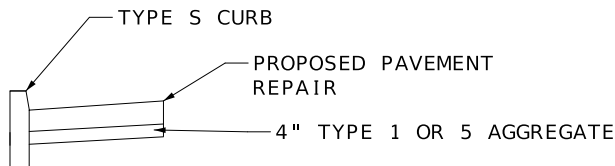
BRIDGE NO.

DESCRIPTION	DATE

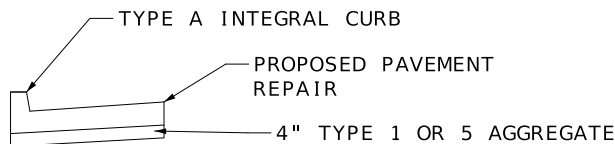
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



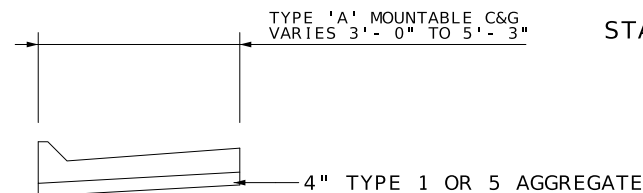
TYPICAL SECTIONS



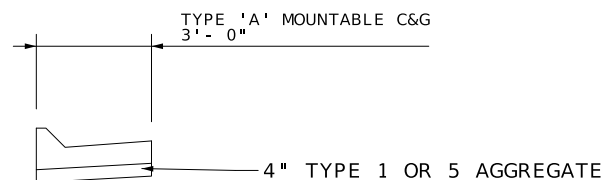
STA. 14+10.58 TO STA. 14+34.36



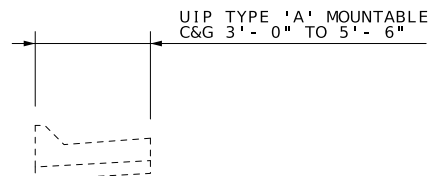
STA. 14+34.36 TO STA. 14+63.91



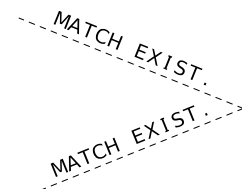
STA. 14+63.91 TO STA. 14+77.28
STA. 15+65.47 TO STA. 15+75.70
STA. 16+40.72 TO STA. 16+51.96



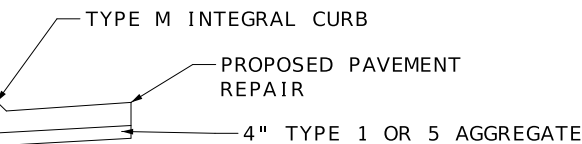
STA. 14+77.28 TO STA. 15+65.47
STA. 17+38.87 TO STA. 18+01.93
STA. 18+66.77 TO STA. 19+00.46



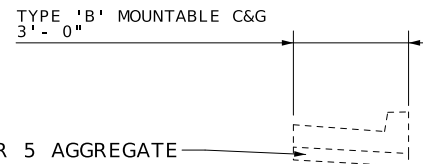
STA. 15+75.70 TO STA. 16+40.72
STA. 16+51.96 TO STA. 16+67.98
STA. 19+00.46 TO STA. 19+93.83



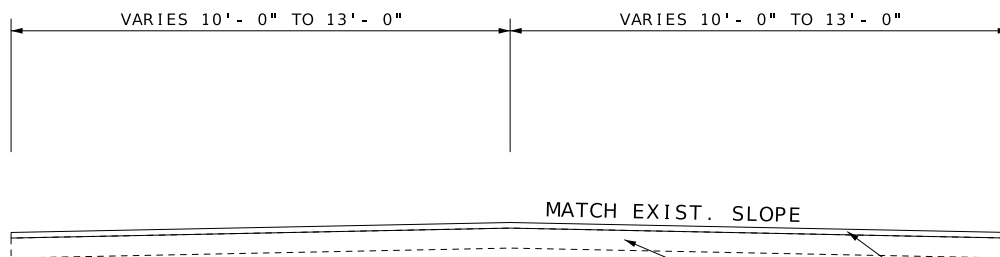
STA. 19+93.83 TO STA. 20+26.64



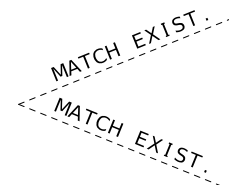
STA. 16+67.97 TO STA. 17+38.87
STA. 18+01.93 TO STA. 18+66.77



STA. 18+23.44 TO STA. 20+16.36



STA. 14+10.58 TO STA. 20+16.36



STA. 14+15.51 TO STA. 18+23.44

2" BP-1 MILL/FILL
EXISTING PAVEMENT

APPLICATION RATES:
BP-1 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
TACK COAT APPLICATION RATE ESTIMATED AT 0.10 GAL/SQ.YD

REMOVAL OF IMPROVEMENTS - PAVEMENT					
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	DESCRIPTION
4	RTE. 141	14+10.58	16+20.00	LT	SAWCUT = 113 FT *
					CONC. PAVEMENT = 79.4 SY
					ASPH. PAVEMENT = 23.3 SY
					CURB = 42 LF
					PAVED DITCH = 55.3 SY
5	RTE. 141	16+20.00	18+90.00	LT	SAWCUT = 108 FT *
					CONC. PAVEMENT = 89.8 SY
					ASPH. PAVEMENT = 61.9 SY
					CURB AND GUTTER = 97.5 LF
					CURB = 55 LF
6	RTE. 141	18+90.00	20+26.64	LT	SAWCUT = 14 FT *
					ASPH. PAVEMENT = 41.4 SY
					CURB = 3 LF
					CURB AND GUTTER = 10.5 LF

*DOES NOT INCLUDE ENTRANCE APPROACH SAWCUT

REMOVAL OF IMPROVEMENTS - DRAINAGE RELATED ITEMS					
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	DESCRIPTION
4	RTE. 141	14+10.58	16+20.00	LT	18" CMP = 51.6'
					15" CMP = 45.6'
					6" PVC PIPE = 5'
					6" CLAY PIPE = 5'
5	RTE. 141	16+20.00	18+90.00	LT	15" CMP = 276.8'
					12" RCP = 3'
					12" RCP = 4'
					2 2'x2' DROP INLETS
6	RTE. 141	18+90.00	20+26.64	LT	15" CMP = 99.4'

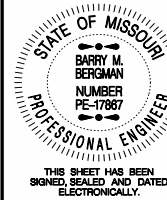
EARTHWORK								
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA	EMBANKMENT	CLASS 3	REMARKS
						IN PLACE	EXCAVATION	
					S.F.	C.Y.	C.Y.	
4	BIG BILL RD.	14+59.00	16+20.00	LT	1274	61.9	-	PAVED DITCH FILL
5	BIG BILL RD.	16+20.00	18+90.00	LT	16	1.9	-	
6	BIG BILL RD.	18+90.00	20+26.64	LT	101	8.6	-	
6	BIG BILL RD.	18+90.00	20+26.64	LT	-	0.05	-	UNDERMINING OF GUTTER 2' x 8" x 1'
DRAINAGE STRUCTURES SUBTOTAL						-	79	
DRAINAGE PIPES SUBTOTAL						-	484	
PAY TOTALS						73	563	

REMOVE & RELOCATE GROUND MOUNT SIGNS						
PLAN SHEET NO.	ROADWAY	STATION	OFFSET	LOCATION	REMOVE & RELOCATE GROUND MOUNT SIGNS	REMARKS
					EACH	
4	BIG BILL RD.	14+84.82	120.90'	LT	1	SIGN #1 - STOP SIGN - AT NEW LOCATION
4	BIG BILL RD.	15+67.59	124.19'	LT	1	SIGN #2 - NO PARKING ANY TIME - AT EXISTING LOCATION
PAY TOTALS					2	

MOBILIZATION	
PAY TOTAL	1 LUMP SUM

TEMPORARY TRAFFIC CONTROL	
PAY TOTAL	1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING	
PAY TOTAL	1 LUMP SUM



DATE PREPARED
7/7/2026

ROUTE OR 141
STATE MO
DISTRICT SL
SHEET NO. 3

COUNTY JEFFERSON
JOB NO. JSLM0077
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 1 OF 4

NOTE: ALL STATIONING, OFFSETS, AND LOCATIONS OFFSETS ARE BASED ON THE RTE. 141 ALIGNMENT. ROADWAY LABELED AS BIG BILL RD. AS IT'S THE ROAD AFFECTED BY THE IMPROVEMENTS.

SODDING							
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA S.F.	TURF TYPE TALL FESCUE SODDING S.Y.	REMARKS
						S.Y.	
4	BIG BILL RD.	14+59.00	16+20.00	LT	1427	159	
5	BIG BILL RD.	17+25.89	18+12.50	LT	717	80	
6	BIG BILL RD.	18+57.16	19+88.32	LT	609	68	
PAY TOTALS						307	

STRIPING							
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)		REMARKS
					4" S.Y.	4" S.W.	
					L.F.	L.F.	
4	BIG BILL RD.	14+65.72	16+20.00	LT	281	281	
5	BIG BILL RD.	16+20.00	18+90.00	LT	540	540	
6	BIG BILL RD.	18+90.00	20+26.64	LT	301	302	
GENERAL	BIG BILL RD.	14+65.72	20+26.64				
PAY TOTALS					1122	1123	

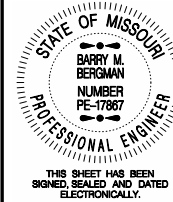
CURB & GUTTER										
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION						REMARKS
					CURB AND GUTTER TYPE A	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	INTEGRAL CURB (6 IN HEIGHT AND UNDER) TYPE A	INTEGRAL CURB TYPE M	
					L.F.	S.Y.	L.F.	L.F.	L.F.	
4	BIG BILL RD.	14+10.58	14+17.50	LT			22			
4	BIG BILL RD.	14+50.52	15+75.70	LT	107	36		21		TRANSITION FROM TYPE S CURB TO CURB AND GUTTER TYPE A
5	BIG BILL RD.	16+40.72	16+51.96	LT	10	6				
5	BIG BILL RD.	16+67.97	16+88.35	LT					28	INTEGRAL CURB IS INTEGTA
5	BIG BILL RD.	17+25.44	18+10.28	LT	63	21			24	INTEGRAL CURB IS INTEGTA
5,6	BIG BILL RD.	18+61.38	19+00.47	LT	34	11			6	INTEGRAL CURB IS INTEGTA
6	BIG BILL RD.	19+88.83	-	LT				3		ON THE BACK WALL OF THE INLET STRUCTURE
PAY TOTALS					214	74	22	24	58	

NOTE: TYPE 5 AGGREGATE FOR THE TYPE A CURB AND GUTTER IS INCIDENTAL

PAVEMENT															
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	AREA	WIDTH (FT.) (MEASURED ALONG BACK LINE)	COLDWILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-1) (2")	TACK COAT NON OR LOW TRACKING TACK	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN. THICK) (PAVEMENT REPAIR)	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR	DOWEL BAR (DRILLING, FURNISHING, AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR	SUBGRADE COMPACTION (6IN DEPTH) (PAVEMENT REPAIR)	FULL DEPTH PAVEMENT REPAIR SAWCUT (FOR PERIMETER AND INTERNAL SAWCUTS)	REMARKS
						S.F.	FT.	S.Y.	TONS	GAL.	S.Y.	S.Y.	EACH	S.Y.	
4	BIG BILL RD.	14+65.72	16+20.00	LT	5368		596	64.9	60						
4	BIG BILL RD.	14+11.35	14+63.91	LT	714	30.4				79	79.3	71	79	78	RIDGE DR. INTERSECTION
5	BIG BILL RD.	16+20.00	18+90.00	LT	7111		790	86.0	79						
5	BIG BILL RD.	16+67.99	17+38.86	LT	476	26.2				53	52.9	70	53	128	
5	BIG BILL RD.	18+01.93	18+66.77	LT	316	29.2				35	35.1	88	35	138	BANDANAS ENTRANCE
5	BIG BILL RD.	18+70.16	18+76.15	LT	16					2	1.8	9	2	12	BANDANAS ENTRANCE
6	BIG BILL RD.	18+90.00	20+26.64	LT	3496		388	42.3	39					12	FOR DRAINAGE SAWCUT
PAY TOTALS							1774	193.2	178	169	169.1	248	169	356	

NOTE: 10 EXTRA DOWEL BARS HAVE BEEN ADDED FOR USE AT THE ENGINEERS DISCRESSION

NOTE: ALL STATIONING, OFFSETS, AND LOCATIONS OFFSETS ARE BASED ON THE RTE. 141 ALIGNMENT. ROADWAY LABELED AS BIG BILL RD. AS IT'S THE ROAD AFFECTED BY THE IMPROVEMENTS.



DATE PREPARED 7/7/2026	
ROUTE OR 141	STATE MO
DISTRICT SL	SHEET NO. 3
COUNTY JEFFERSON	
JOB NO. JSLM0077	
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)

TEMPORARY EROSION CONTROL								
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	CURB INLET CHECK	SILT FENCE	SEDIMENT REMOVAL	REMARKS
					EACH	L.F.	C.Y.	
4	BIG BILL RD.	14+10.58	16+20.00	LT	3		3	AT INLET STRUCTURES
4	BIG BILL RD.	14+74.45	16+20.00	LT		146	2	
5	BIG BILL RD.	16+20.00	18+90.00	LT	2		2	AT INLET STRUCTURES
5	BIG BILL RD.	16+20.00	18+26.93	LT		207	3	
6	BIG BILL RD.	18+90.00	19+77.10	LT	2		2	AT INLET STRUCTURES
PAY TOTALS					7	353	12	

DRAINAGE - STRUCTURES																
PLAN SHEET NO.	CULVERT SECTION NO.	ROADWAY	STATION	OFFSET	LOCATION	STRUCTURE ID#	ACTUAL DEPTH								REMARKS	
								PRECAST CONCRETE DROP INLET 2'x2' L.F.	PRECAST CONCRETE DROP INLET 3'x2'-6" L.F.	PRECAST CONCRETE MANHOLE 48" L.F.	CURVED VANE GRATE AND FRAME 2'x2' EACH	MANHOLE FRAME & COVER TYPE 1A	MANHOLE FRAME & COVER TYPE 3	CLASS 3 EXCAVATION		
								FT.						C.Y.		
4	12	BIG BILL RD.	14+76.21	118.43'	LT	1-2D	5.58	6			1			5.05	CV- INLET	
4	12	BIG BILL RD.	15+70.66	120.61'	LT	1-3T	6.24		7				1	9.35	T- INLET	
5	12	BIG BILL RD.	16+46.37	121.74'	LT	1-4T	8.53		9				1	17.60	T- INLET	
5	13	BIG BILL RD.	-	-	LT	1-5MH	VARIES*			10		1		33.32	STRUCTURE IS PLACED AT ESTIMATED LOCATION ON PLAN SHEETS. SEE NOTE BELOW CV- INLET	
5	13	BIG BILL RD.	18+73.05	117.58'	LT	1-6D	8.00	8			1			13.52		
SUBTOTALS								14		16	10	2	1	2	79	
PAY TOTALS								14		16	10	2	1	2	**	

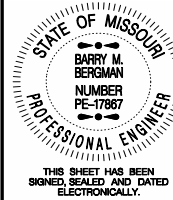
*THE STRUCTURE (1-5MH) AND THE PIPE CONNECTION FROM THE PARKING LOT IS PLACED AT ESTIMATED LOCATION. MANHOLE MUST CAPTURE EXIST PIPE. PLACEMENT OF STRUCTURE TO BE CORRIDINATED WITH THE ENGINEER

** SEE EARTHWORK QUANTITY TABLE FOR PAY TOTALS

DRAINAGE - PIPES										
PLAN SHEET NO.	CULVERT SECTION NO.	ROADWAY	FROM ID#	TO ID#	LOCATION			JSP M		REMARKS
						15" GROUP 'A' PIPE	18" GROUP 'A' PIPE	RECONNECTION OF EXISTING PIPE TO STRUCTURE LUMP SUM	CLASS 3 EXCAVATION	
						L.F.	L.F.		C.Y.	
4	12	BIG BILL RD.	1-1ExDI	1-2D	LT	57			18.46	
4	12	BIG BILL RD.	1-2D	1-3T	LT	89			40.63	
4	-	BIG BILL RD.	-	1-3T	LT			2	-	CONNECTS EXIST. DAYLIGHTING PIPES TO NEW DRAINAGE STRUCTURE (1-3T) - 6" VCP AND 6" PLASTIC PIPE
4,5	12	BIG BILL RD.	1-3T	1-4T	LT	73			56.81	
5	12	BIG BILL RD.	1-2ExAUX	1-4T	LT			1	-	CONNECTS EXIST PIPE FROM PARKING LOT TO NEW DRAINAGE STRUCTURE (1-4T) - 12" RCP
5	12,13	BIG BILL RD.	1-4T	1-5MH	LT	186			221.04	
5	-	BIG BILL RD.	1-3ExAUX	1-5MH	LT			1	-	CONNECTS EXIST PIPE FROM PARKING LOT TO NEW DRAINAGE STRUCTURE (1-5MH) - ESTIMATED 12" RCP
5	13	BIG BILL RD.	1-5MH	1-6D	LT	36			31.04	
5,6	13,14	BIG BILL RD.	1-6D	1-7ExDI	LT		116		116.09	
SUBTOTALS						441	116	4	484	
PAY TOTALS						441	116	1 LUMP SUM	**	

** SEE EARTHWORK QUANTITY TABLE FOR PAY TOTALS

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DATE PREPARED	
7/7/2026	
ROUTE	STATE
OR 141	MO
DISTRICT	SHEET NO.
SL	3
COUNTY	
JEFFERSON	
JOB NO.	
JSLM0077	
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	AREA	QTY	TOTAL AREA	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	NUMBER	QTY		DESCRIPTION			
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						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						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						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						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)	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	64	CHANNELIZER (TRIM-LINE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030	7	TYPE 3 MOVEABLE BARRICADE	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE	
WO3-3	48X48	16.00	2	32.00				SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161040	2	FLASHING ARROW PANEL	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN,	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		COMMISSION FURNISHED/RETAINED	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS			CHANGEABLE MESSAGE SIGN WITHOUT COMM.	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6161098A		INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)			CHANGEABLE MESSAGE SIGN WITH COMM.	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6161099		INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A	*1	WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D	*375	TEMPORARY TRAFFIC BARRIER,	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMP. TRAFFIC BARRIER ANCHORED,	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6173700B		CONTRACTOR FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD,	6173706		CONTRACTOR FURNISHED/RETAINED	
WO8-6	48X48	16.00						TRUCK CROSSING									(ARROW LEFT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION,	
WO8-6c	48X48	16.00						TRUCK ENTRANCE									SIDEWALK CLOSED AHEAD,	6174000A		CONTRACTOR FURNISHED/RETAINED	
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00						(ARROW RIGHT) CROSS HERE	6175010A	*375	RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00	2	12.00				STOP HERE ON RED (45° ARROW)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00	2	20.00				ROAD CLOSED	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-11	48X48	16.00						UNEVEN LANES									ROAD CLOSED XX MILES AHEAD	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	6208064A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00						FINE SIGN	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)	6205309	*48	TEMPORARY REMOVEABLE MARKING TAPE, 24 IN.	
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOUS SIGNS									* NOT INCLUDED IN LUMP SUM TEMPORARY TRAFFIC CONTROL			
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO10-1	42RND.	9.62						RAILROAD CROSSING	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE				
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	4	64.00				ROAD/BRIDGE/RAMP WORK AHEAD													
WO20-2	48X48	16.00						DETOUR AHEAD													
WO20-3	48X48	16.00	2	32.00				ROAD CLOSED AHEAD	616-10.05				TOTAL								
WO20-4	48X48	16.00	4	64.00				ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS			281									
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10					TOTAL							
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS												
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED													
WO20-7a	48X48	16.00	3	48.00				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)													

STATE OF MISSOURI

BARRY M. BERGMAN

NUMBER PE-17887

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
7/21/2026

ROUTE OR 141
DISTRICT SL

STATE MO
SHEET NO. 3

COUNTY JEFFERSON
JOB NO. JSLM0077

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

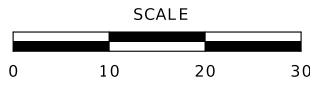
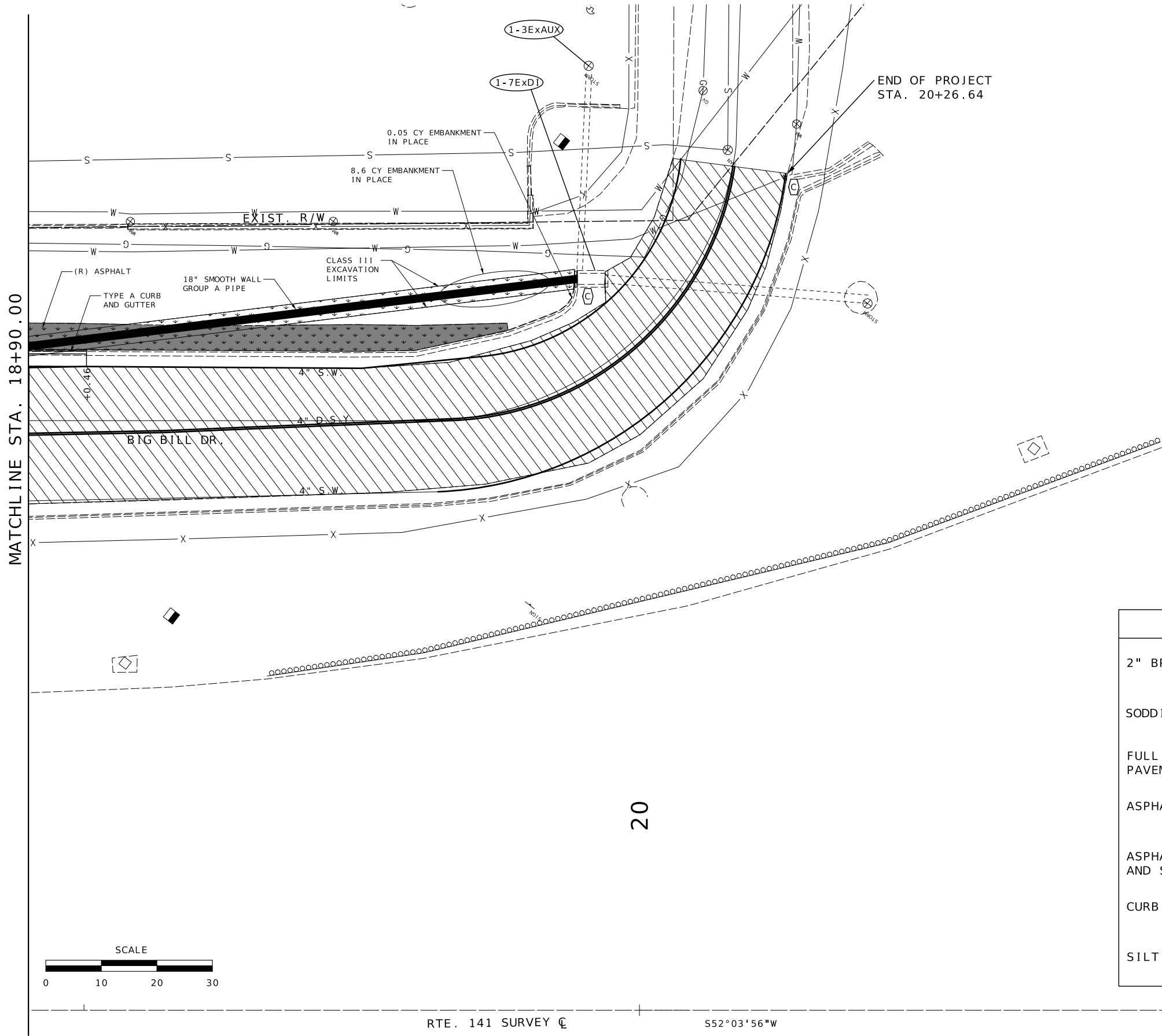
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

MoDOT

SUMMARY OF QUANTITIES
SHEET 4 OF 4

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

NO DIRECT PAYMENT FOR RELOCATED SIGNS



RTE. 141 SURVEY C S52°03'56\"/>

LEGEND	
2" BP-1 MILL/FILL	
SODDING	
FULL DEPTH PAVEMENT REPAIR	
ASPHALT REMOVAL	
ASPHALT REMOVAL AND SODDING	
CURB INLET CHECK	
SILT FENCE	

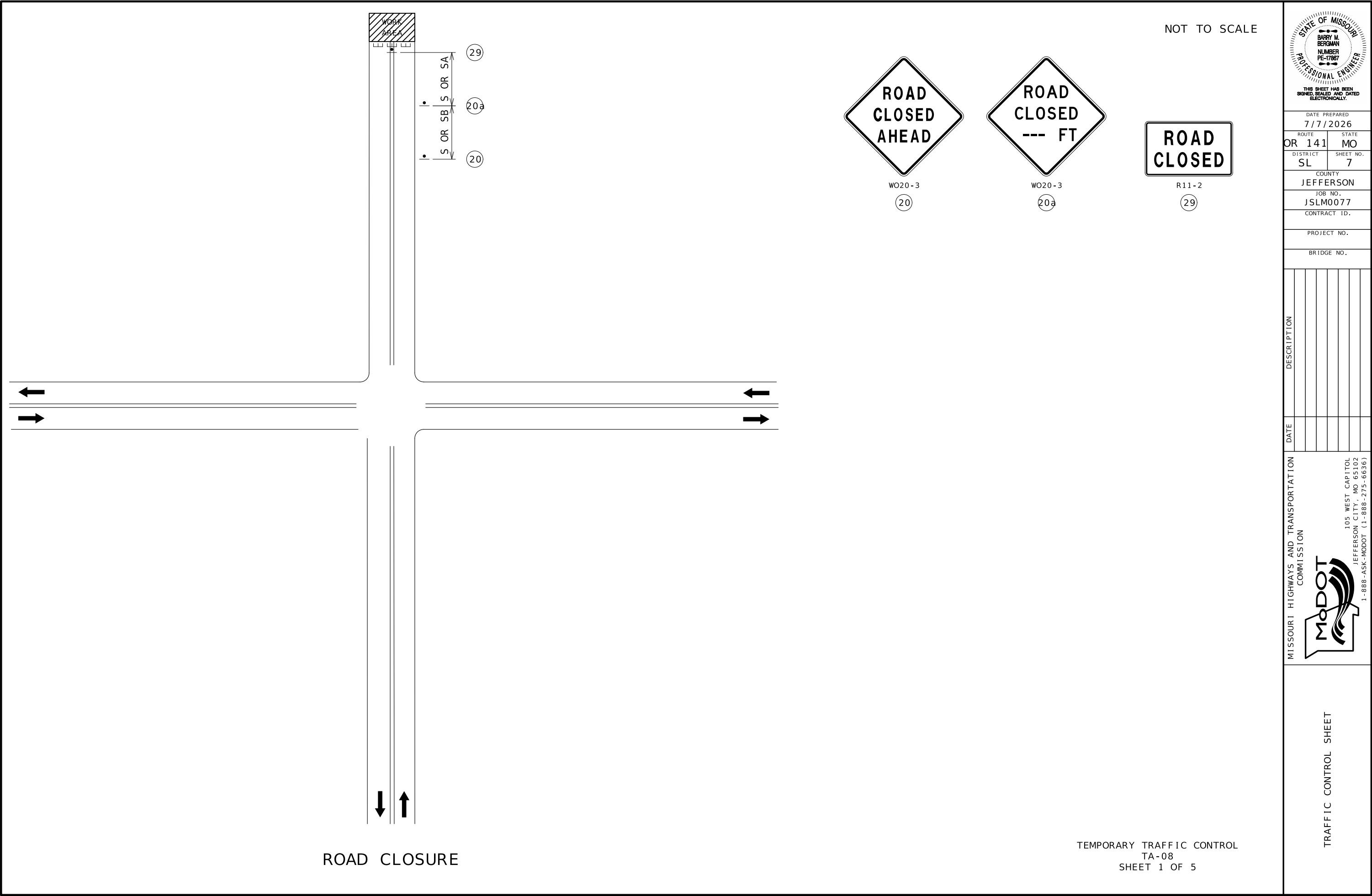


DATE PREPARED
7/7/2026
ROUTE OR 141 STATE MO
DISTRICT SL SHEET NO. 6
COUNTY JEFFERSON
JOB NO. JSLM0077
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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DATE PREPARED 7/7/2026	
ROUTE OR 141	STATE MO
DISTRICT SL	SHEET NO. 7
COUNTY JEFFERSON	
JOB NO. JSLM0077	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL SHEET



8

NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 20' WHEN NOT IN A TAPER.
NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 10' WHEN IN A TAPER.

TEMPORARY TRAFFIC CONTROL
TA-10
SHEET 2 OF 5

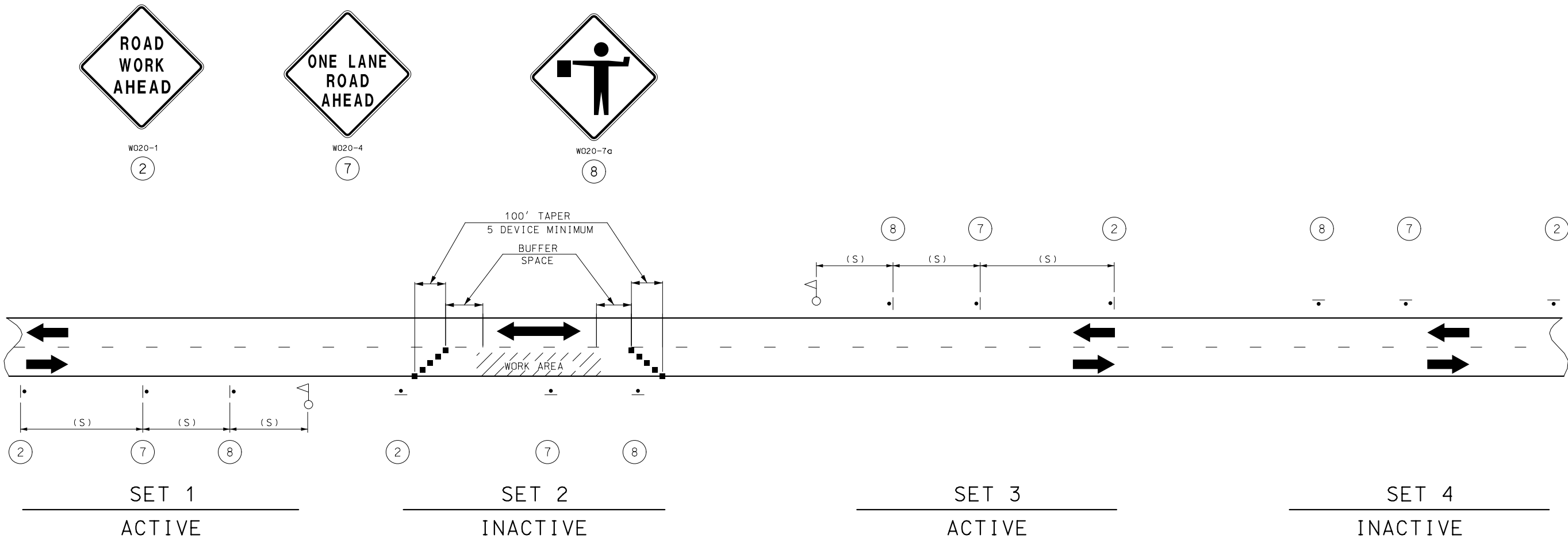


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TRAFFIC CONTROL SHEET

NOT TO SCALE



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.

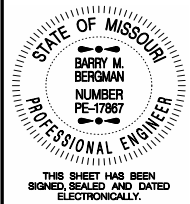
CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

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).

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	TWO-LANE TWO-WAY (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	35	100	250	25	40
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 20' WHEN NOT IN A TAPER.
NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 10' WHEN IN A TAPER.



DATE PREPARED 7/8/2026	
ROUTE OR 141	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY JEFFERSON	
JOB NO. JSLM0077	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

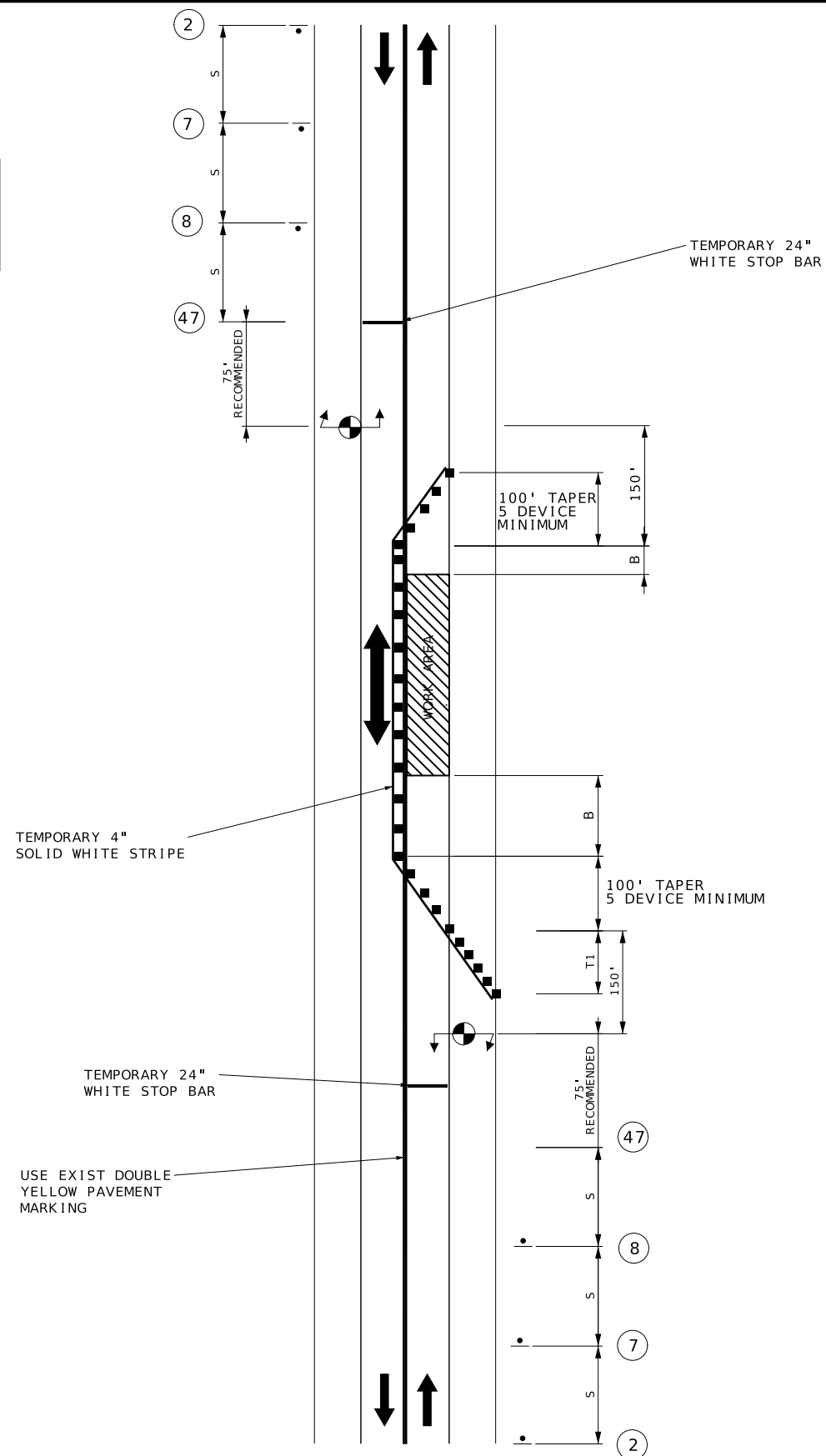
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



R10-6

47



TEMPORARY 4"
SOLID WHITE STRIPE

TEMPORARY 24"
WHITE STOP BAR

USE EXIST DOUBLE
YELLOW PAVEMENT
MARKING

LANE CLOSURE ON TWO-LANE ROAD USING TRAFFIC CONTROL SIGNALS



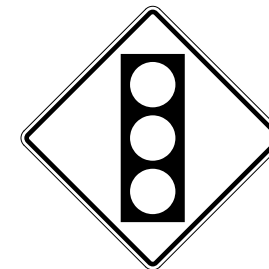
WO20-1

2



WO20-4

7



WO3 - 3

8

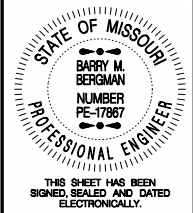
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	TWO-LANE TWO-WAY (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	—	200	35	100	250	25	40
1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 20' WHEN NOT IN A TAPER.
NOTE: CHANNELIZER SPACING USED FOR QUANTITY TABULATION IS 10' WHEN IN A TAPER.

NOTE: TRAFFIC CONTROL PLAN MAY BE
MODIFIED AT THE DISCUSSION OF THE
ENGINEER.

TEMPORARY TRAFFIC CONTROL
TA-12
SHEET 4 OF 5

NOT TO SCALE



DATE PREPARED
7/7/2026

ROUTE	STATE
OR 141	MO

DISTRICT	SHEET NO.
SL	10

COUNTY
JEFFERSON

JOB NO.
JSLM0077

CONTRACT ID.

PROJECT NO.

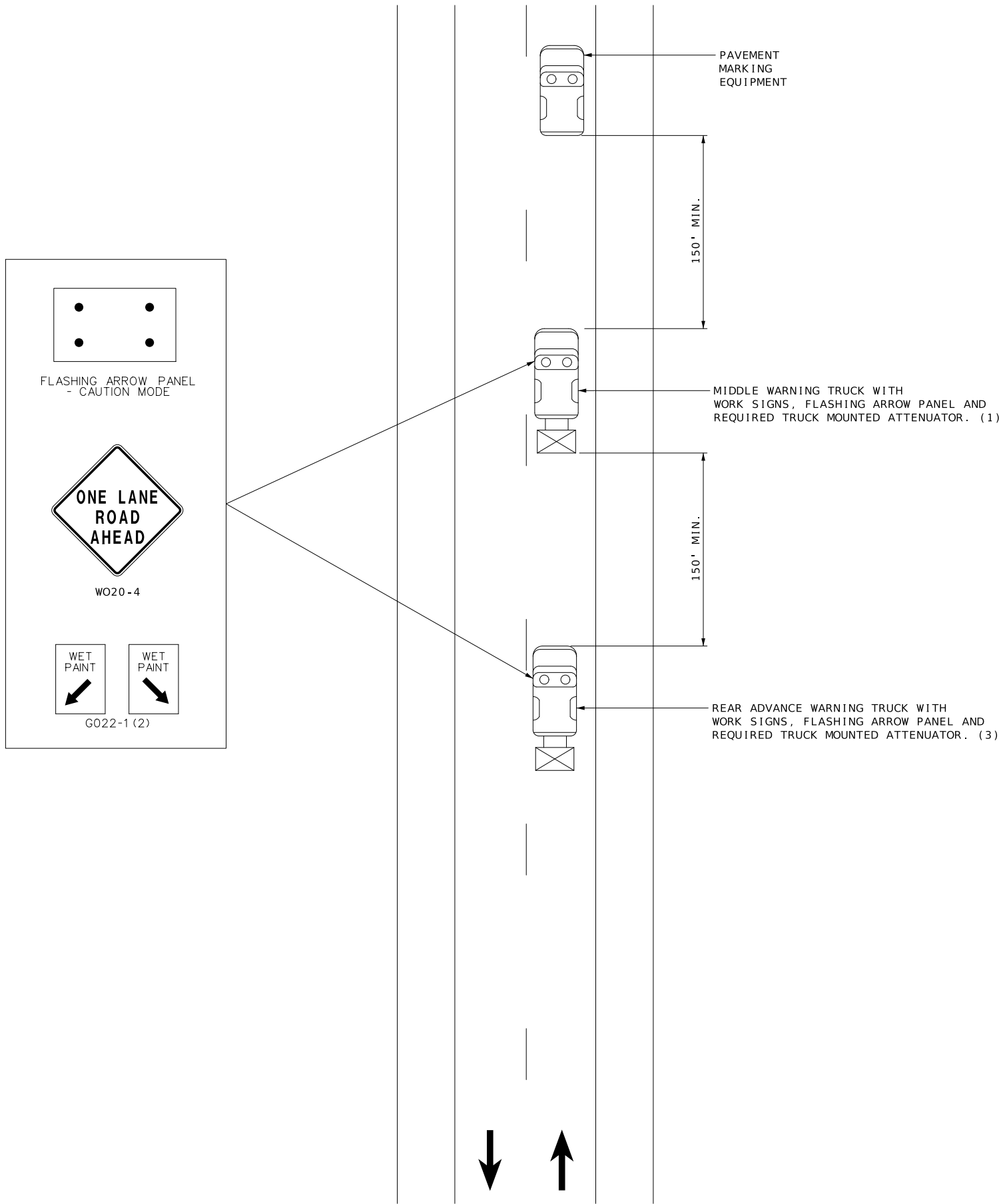
BRIDGE NO.

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COMMISSION

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

TRAFFIC CONTROL SHEET

NOT TO SCALE



NOTES:

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

PROTECTIVE TRUCKS 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 STROBE LIGHTS.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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 ARE 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 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, WHICHEVER IS GREATER.

NOTE: TRAFFIC CONTROL PLAN MAY BE MODIFIED AT THE DISCRESSION OF THE ENGINEER.

TEMPORARY TRAFFIC CONTROL
TA-17 STRIPING
SHEET 5 OF 5

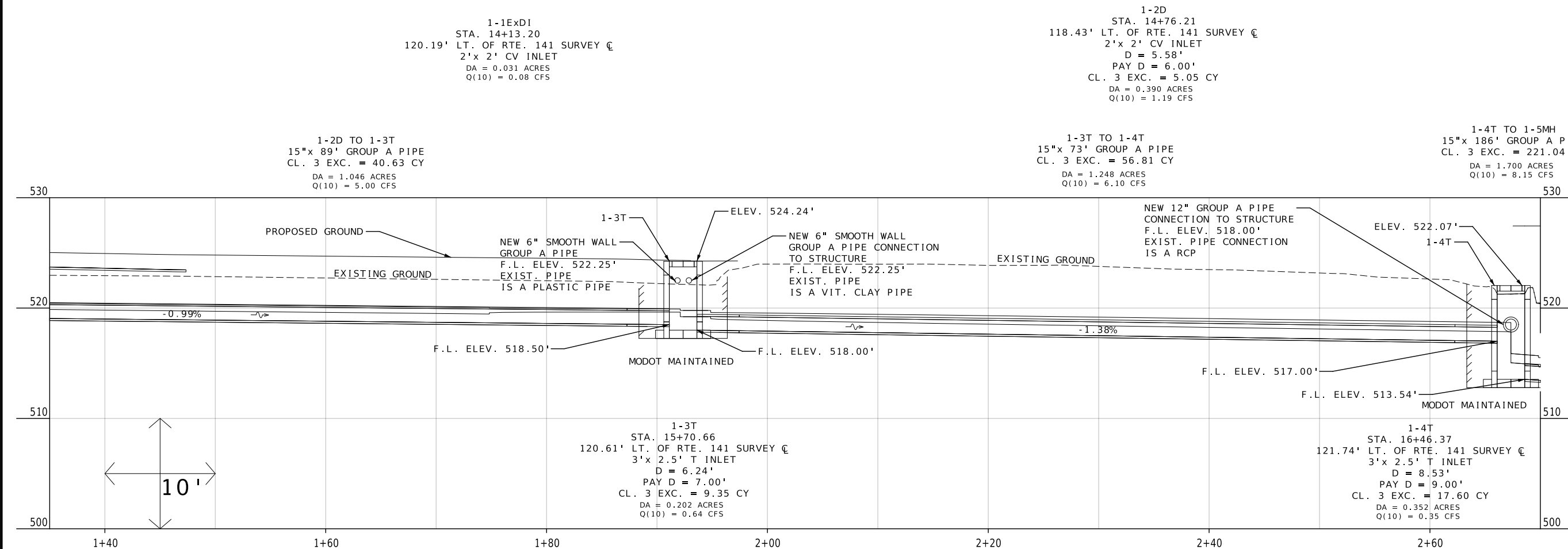


DATE PREPARED 7/7/2026	
ROUTE OR 141	STATE MO
DISTRICT SL	SHEET NO. 11
COUNTY JEFFERSON	
JOB NO. JSLM0077	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

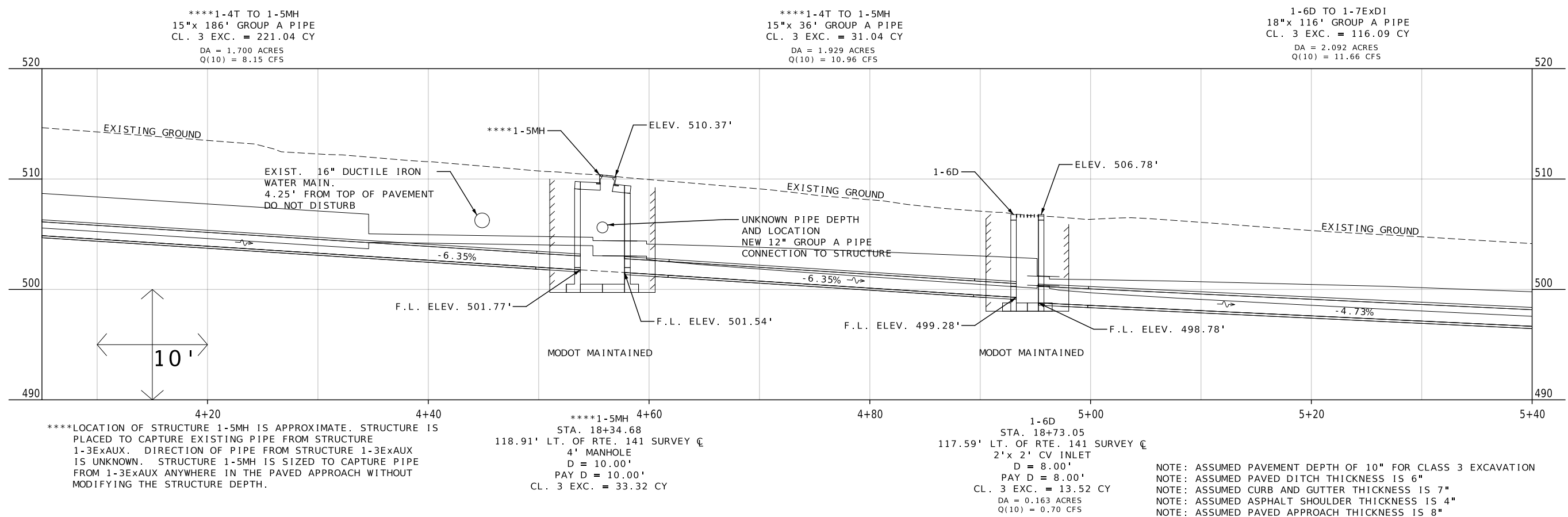
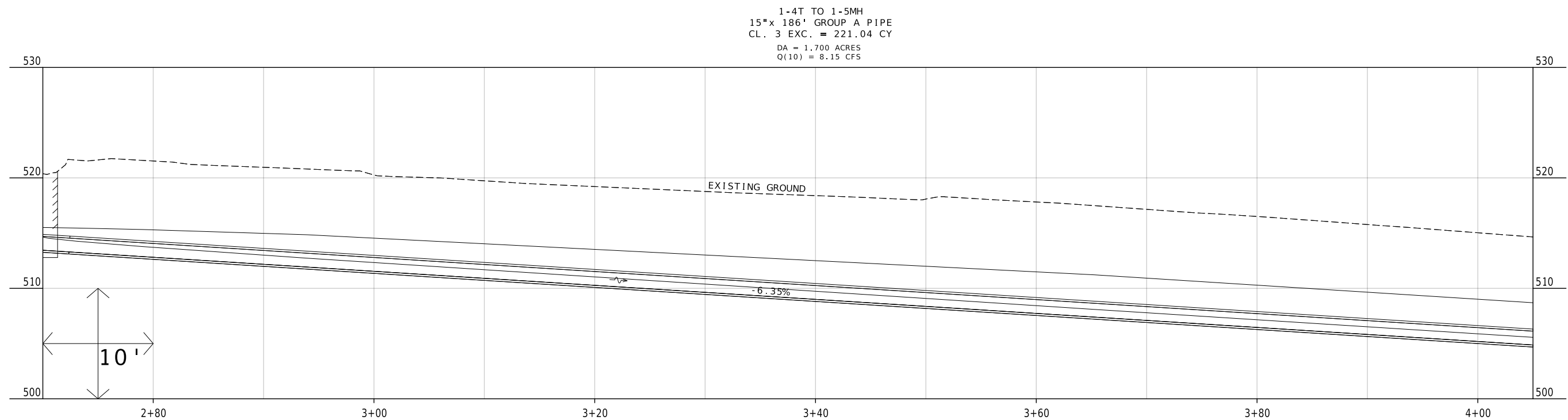
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOTE: ASSUMED PAVEMENT DEPTH OF 10" FOR CLASS 3 EXCAVATION
NOTE: ASSUMED PAVED DITCH THICKNESS IS 6"
NOTE: ASSUMED CURB AND GUTTER THICKNESS IS 7"
NOTE: ASSUMED ASPHALT SHOULDER THICKNESS IS 4"
NOTE: ASSUMED PAVED APPROACH THICKNESS IS 8"





STATE OF MISSOURI
BARRY M. BERGMAN
NUMBER PE-17887
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/7/2026

ROUTE OR 141
DISTRICT SL
COUNTY JEFFERSON
JOB NO. JSLM0077
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)

CULVERT SECTION
SHEET 2 OF 3



DATE PREPARED
7/7/2026

ROUTE	STATE
OR 141	MO

DISTRICT	SHEET NO.
SL	14

COUNTY

JEFFERSON

JOB NO.

JSLM0077

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
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SHEET 3 OF 3

