

DESIGN DESIGNATION

MO79-N/O BIRD ST

A.A.D.T. - 2024 = 13,782

A.A.D.T. - 2044 = 21,517

D.H.V. = 8.44%

T = 4.60%

V = 35 M.P.H.

D = 52.2% / 47.8%

FUNCTIONAL CLASSIFICATION-URBAN PRINCIPAL ARTERIAL

MO79-S/O BIRD ST

A.A.D.T. - 2024 = 7,140

A.A.D.T. - 2044 = 8,743

D.H.V. = 9.26%

T = 7.03%

V = 25 M.P.H.

D = 50.6% / 49.4%

FUNCTIONAL CLASSIFICATION-URBAN PRINCIPAL ARTERIAL

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

MARION COUNTY

T57N, R4W

KEY MAP

SHOWING LOCATION OF COUNTY

CONVENTIONAL SYMBOLS

(USED IN PLANS)

BUILDINGS AND STRUCTURES

GUARD RAIL

GUARD CABLE

CONCRETE RIGHT-OF-WAY MARKER

STEEL RIGHT-OF-WAY MARKER

LOCATION SURVEY MARKER

UTILITIES

FIBER OPTICS

OVERHEAD CABLE TV

UNDERGROUND CABLE TV

OVERHEAD TELEPHONE

UNDERGROUND TELEPHONE

OVERHEAD POWER

UNDERGROUND POWER

SANITARY SEWER

STORM SEWER

GAS

WATER

MANHOLE

FIRE HYDRANT

WATER VALVE

WATER METER

DROP INLET

DITCH BLOCK

GROUND MOUNTED SIGN

LIGHT POLE

H-FRAME POWER POLE

TELEPHONE PEDESTAL

FENCE

CHAIN LINK

WOVEN WIRE

GATE POST

BENCHMARK

EXISTING

NEW

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

INDEX OF SHEETS

DESCRIPTION

SHEET NUMBER

TITLE SHEET ----- 1

TYPICAL SECTIONS (TS) (1 SHEET)---- 2

QUANTITIES (QU) (3 SHEETS)----- 3

SPECIAL SHEET (SS)----- 4

TRAFFIC CONTROL SHEETS (TC)----- 5-13

PAVEMENT MARKING (PM)----- 14-15

DATE PREPARED

7/31/2023

ROUTE

79

STATE

MO

DISTRICT

NE

SHEET NO.

1

COUNTY

MARION

JOB NO.

J2P3412

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

LENGTH OF PROJECT

MO 79

BEGIN OF PROJECT LOG MILE 0.291

END OF PROJECT LOG MILE 1.230

APPARENT LENGTH MILES 0.939

EQUATIONS AND EXCEPTIONS:

EXCEPTION 0.055 MILES

TOTAL CORRECTIONS 0.055 MILES

NET LENGTH OF PROJECT 0.884 MILES

STATE LENGTH 0.884 MILES

FOR INFORMATION ONLY

ESTIMATED DISTURBED ACRES

00.000 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

2 1 0 1 2

SCALE IN MILES

MISSOURI

ILLINOIS

2" RESURFACING

MO 79

BEG OF PROJECT LOG MILE 0.291

EXCEPTION LM 0.878 TO LM 0.933

END OF PROJECT LOG MILE 1.230

CRD 417

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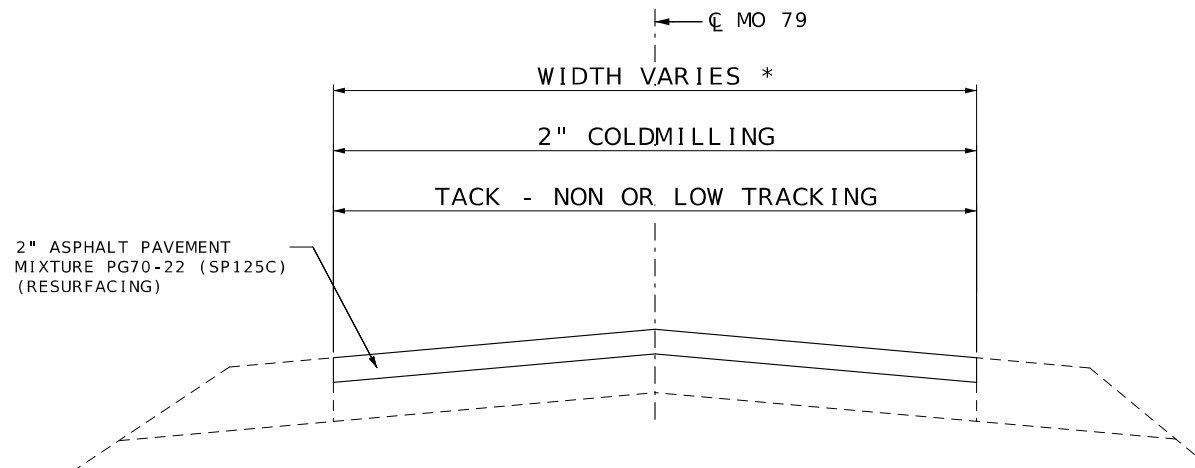
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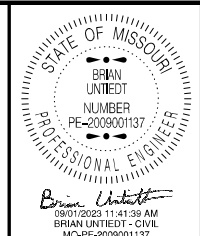
TYPICAL SECTION

- * LOG MI. 0.291 TO 0.839 - 68.5'
- * LOG MI. 0.839 TO 0.878 - 68.5-57.5' +
- * LOG MI. 0.933 TO 0.994 - 45'
- * LOG MI. 0.994 TO 1.230 - 30'

+ EXCEPTION
LOG MI. 0.878 TO 0.933

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

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
ASPHALTIC PAVEMENT MIXTURE PG 70-22 (SP125C) = 1.927 TON/CY
TACK COAT - NON OR LOW TRACKING (COLDMILLING SURFACE) = 0.10 GAL/SY



DATE PREPARED 9/1/2023	
ROUTE 79	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY MARION	
JOB NO. J2P3412	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

TYPICAL SECTION SHEET
SHEET 1 OF 1
NOT TO SCALE

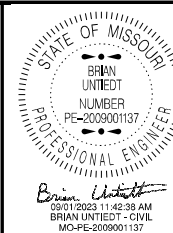
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

2" ASPHALTIC CONCRETE MIXTURE (RESURFACING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	2" RESURFACING PG70-22 (SP125C) @ 1.927 TONS/CY (TONS)	TACK COAT NON OR LOW TRACKING 0.10 GAL/ SQ. YD. (GAL)	REMARKS
0.291	0.839	2893.44	2.00	68.5	22022	2357.6	2202.2	BEG PROJECT
0.839	0.878	205.92	2.00	68.5-57.5	1441	154.3	144.1	CONCRETE EXCEPTION
0.933	0.994	322.08	2.00	45	1610	172.4	161.0	
0.994	1.230	1246.08	2.00	30	4154	444.7	415.4	END PROJECT
0.291	1.230	4957.92	-	-	-	140.9	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
SUBTOTAL						3,269.9	2,922.7	
SUBTOTAL						153.1	163	PAVED ENTRANCES
TOTAL						3,423.0	3,086	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING (SY)	REMARKS
0.291	0.839	2893.44	2.00	68.5	22022	
0.839	0.878	205.92	2.00	68.5-57.5	1441	
0.933	0.994	322.08	2.00	45	1610	
0.994	1.230	1246.08	2.00	30	4154	
SUBTOTAL					1,431	PAVED ENTRANCES
TOTAL					30,658	

MOBILIZATION
1 LUMP SUM

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SQ YD)	2" RESURFACING PG70-22 (SP125C) @ 1.927 TONS/CY (TONS)	TACK COAT NON OR LOW TRACKING 0.10 GAL/ SQ. YD. (GAL)	COLDMILLING (SY)	REMARKS
0.312	RT - RTE 79/MT AVE	55	5.9	6	55	PHILLIPS 66 - ENT 1
0.315	LT - RTE 79/MT AVE	28	3.0	3	28	HAYWARD ST
0.327	RT - RTE 79/MT AVE	59	6.3	6	59	PHILLIPS 66 - ENT 2
0.331	LT - RTE 79/MT AVE	39	4.2	4	39	ASPHALT
0.349	LT - RTE 79/MT AVE	24	2.6	3	24	JB HAWKS - ENT 1
0.361	LT - RTE 79/MT AVE	32	3.4	4	32	JB HAWKS - ENT 2
0.371	LT - RTE 79/MT AVE	51	5.5	6	51	SECTION ST
0.393	LT - RTE 79/MT AVE	59	6.3	6	59	AYERCO - ENT 1
0.429	LT - RTE 79/MT AVE	55	5.9	6	55	AYERCO - ENT 2
0.447	LT - RTE 79/MT AVE	24	2.6	3	24	LEBLANC'S - ENT 1
0.453	LT - RTE 79/MT AVE	32	3.4	4	32	LEBLANC'S - ENT 2
0.470	LT - RTE 79/MT AVE	35	3.7	4	35	HAIR COMPANY SALON
0.482	LT - RTE 79/MT AVE	39	4.2	4	39	ASPHALT
0.501	LT - RTE 79/MT AVE	39	4.2	4	39	GENERAL STORE - ENT 1
0.510	LT - RTE 79/MT AVE	35	3.7	4	35	GENERAL STORE - ENT 2
0.521	LT - RTE 79/MT AVE	51	5.5	6	51	GENERAL STORE - ENT 3
0.533	LT - RTE 79/MT AVE	24	2.6	3	24	ASPHALT
0.548	LT - RTE 79/MT AVE	47	5.0	5	47	FAST LANE - ENT 1
0.568	LT - RTE 79/MT AVE	51	5.5	6	51	FAST LANE - ENT 2
0.589	LT - RTE 79/MT AVE	24	2.6	3	24	6TH ST
0.599	LT - RTE 79/MT AVE	28	3.0	3	28	BP - ENT 1
0.607	LT - RTE 79/MT AVE	28	3.0	3	28	BP - ENT 2
0.613	LT - RTE 79/MT AVE	28	3.0	3	28	TITLE LOAN - ENT 1
0.627	LT - RTE 79/MT AVE	32	3.4	4	32	TITLE LOAN - ENT 2
0.635	LT - RTE 79/MT AVE	16	1.7	2	16	ASPHALT
0.651	LT - RTE 79/MT AVE	35	3.7	4	35	SUPER 7 MOTEL
0.657	LT - RTE 79/MT AVE	12	1.3	2	12	ASPHALT
0.671	LT - RTE 79/MT AVE	24	2.6	3	24	THE OPENED BOOK
0.686	RT - RTE 79/MT AVE	35	3.7	4	35	N 6TH ST
0.687	LT - RTE 79/MT AVE	35	3.7	4	35	COUNTRY HEARTH INN - ENT 1
0.705	LT - RTE 79/MT AVE	39	4.2	4	39	COUNTRY HEARTH INN - ENT 2
0.712	LT - RTE 79/MT AVE	32	3.4	4	32	RESERVOIR ST
0.749	LT - RTE 79/MT AVE	35	3.7	4	35	R ST
0.769	LT - RTE 79/MT AVE	24	2.6	3	24	SAFETY LANE - ENT 1
0.771	LT - RTE 79/MT AVE	32	3.4	4	32	SAFETY LANE - ENT 2
0.799	LT - RTE 79/MT AVE	27	2.9	3	27	WEBB ST
0.809	LT - RTE 79/MT AVE	25	2.7	3	25	C&P AUTO SALES
0.825	LT - RTE 79/MT AVE	35	3.7	4	35	C&P AUTO SALES / CUSTOM TRANSIT MOTORS
0.834	LT - RTE 79/MT AVE	28	3.0	3	28	CUSTOM TRANSIT MOTORS
0.841	LT - RTE 79/MT AVE	35	3.7	4	35	HOMETOWN AUTO SALES - ENT 1
0.863	LT - RTE 79/MT AVE	43	4.6	5	43	HOMETOWN AUTO SALES - ENT 2
SUBTOTAL			153.1	163.0	1431.0	



DATE PREPARED 9/1/2023	
ROUTE 79	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY MARION	
JOB NO. J2P3412	
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)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW SOLID/INTERMITTENT MEDIAN TURN LANE (LF)	4" YELLOW DOUBLE SOLID CENTERLINE (LF)	4" WHITE INTERMITTENT CENTERLINE (LF)	4" WHITE SOLID EDGELINE (FT)	
0.291	0.834	RTE 79/MARK TWAIN AVE	7168	-	1440	-	BEG PROJECT
0.834	0.879	RTE 79/MARK TWAIN AVE	594	-	60	-	
0.879	0.908	RTE 79/MARK TWAIN AVE	-	612	40	-	
0.908	0.911	RTE 79/3RD ST	-	32	10	-	
0.911	0.927	RTE 79/3RD ST	-	169	-	84	NORTH ST
0.934	0.955	RTE 79/3RD ST	-	222	-	111	
0.955	0.986	RTE 79/3RD ST	-	327	-	-	CROSSWALK GAP - N HILL ST
1.000	1.058	RTE 79/3RD ST	-	612	-	-	CROSSWALK GAP - S BIRD ST
1.059	1.087	RTE 79/3RD ST	-	296	-	-	
1.087	1.107	RTE 79/3RD ST	-	211	-	211	CENTER ST
1.118	1.137	RTE 79/3RD ST	-	201	-	201	
1.137	1.147	RTE 79/3RD ST	-	106	-	-	
1.147	1.168	RTE 79/3RD ST	-	222	-	222	BROADWAY
1.186	1.207	RTE 79/3RD ST	-	222	-	222	
1.207	1.249	RTE 79/3RD ST	-	444	-	-	BOTTOM OF VIADUCT
SUBTOTAL			7,762	3,676	1,550	1,051	
TOTAL			11,438		2,601		
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING							

DURABLE INTERSECTION MARKING						
LOG MILE	PREFORMED THERMOPLASTIC PAVEMENT MARKING					REMARKS
	24" WHITE STOP BAR (LF)	6" WHITE CROSSWALK (LF)	LEFT/RIGHT ARROW (EACH)	STRAIGHT ARROW (EACH)	COMBINATION STR/LT/RT ARROW (EACH)	
0.309	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.371	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.429	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.481	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.531	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.581	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.629	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.671	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.719	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.751	-	-	2	-	-	2-WAY LEFT TURN PAIRS
0.874	-	-	1	-	-	LEFT ARROW
0.911	-	-	1	-	-	LEFT ARROW
0.921	-	-	1	1	-	LEFT AND STR ARROWS
0.947	-	-	1	-	1	LEFT AND STR/RT ARROWS
0.986	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.000	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.059	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.090	-	-	2	1	-	LEFT, RIGHT, AND STRAIGHT ARROWS
1.107	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.119	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.128	-	-	2	1	-	LEFT, RIGHT, AND STRAIGHT ARROWS
1.151	-	-	2	1	-	LEFT, RIGHT, AND STRAIGHT ARROWS
1.168	30	-	-	-	-	
1.170	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.184	-	100	-	-	-	INCLUDES 2, 50 FT MARKINGS
1.186	30	-	-	-	-	
1.195	-	-	2	1	-	LEFT, RIGHT, AND STRAIGHT ARROWS
TOTAL	60	700	32	5	1	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING						

PAVEMENT MARKING REMOVAL			
LOG MILE	PREFORMED THERMOPLASTIC PAVEMENT MARKING		
	LOCATION	LEFT/RIGHT ARROW (EACH)	REMARKS
1.090	RTE 79/3RD ST	1	RIGHT ARROW
1.128	RTE 79/3RD ST	1	RIGHT ARROW
1.151	RTE 79/3RD ST	1	RIGHT ARROW
1.195	RTE 79/3RD ST	1	RIGHT ARROW
TOTAL		4	
LOG MILES ARE APPROXIMATE			

STATE OF MISSOURI

BRIAN UNITED

NUMBER

PE-2009001137

PROFESSIONAL ENGINEER

DATE PREPARED

7/31/2023

ROUTE

79

STATE

MO

DISTRICT

NE

SHEET NO.

3

COUNTY

MARION

JOB NO.

J2P3412

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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)

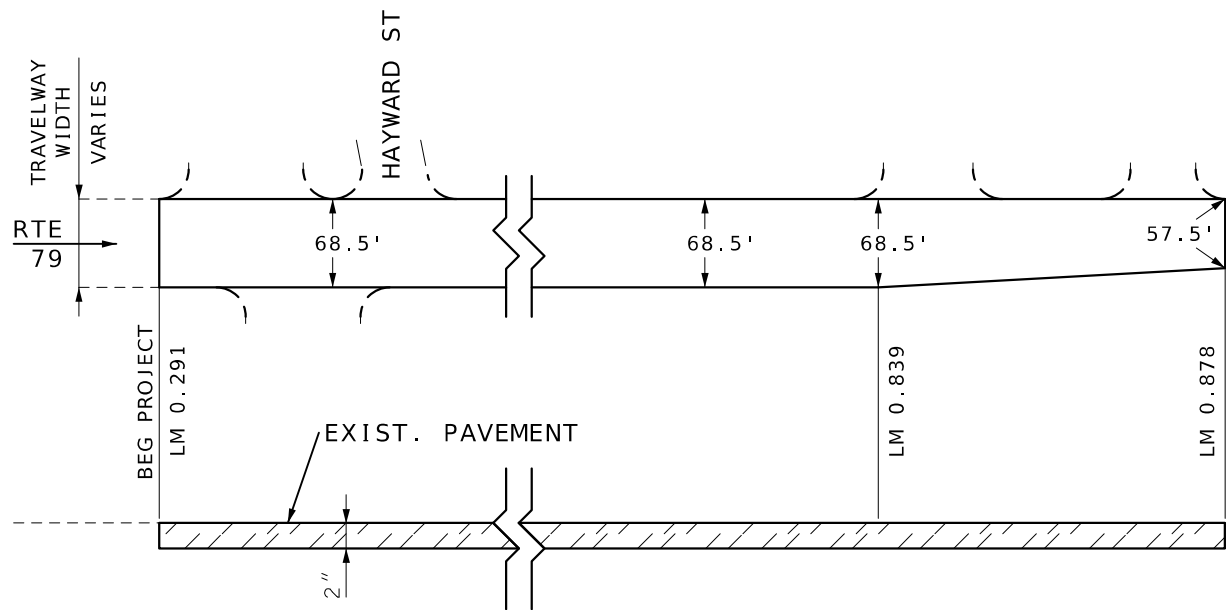
SUMMARY OF QUANTITIES SHEET

SHEET 2 OF 3

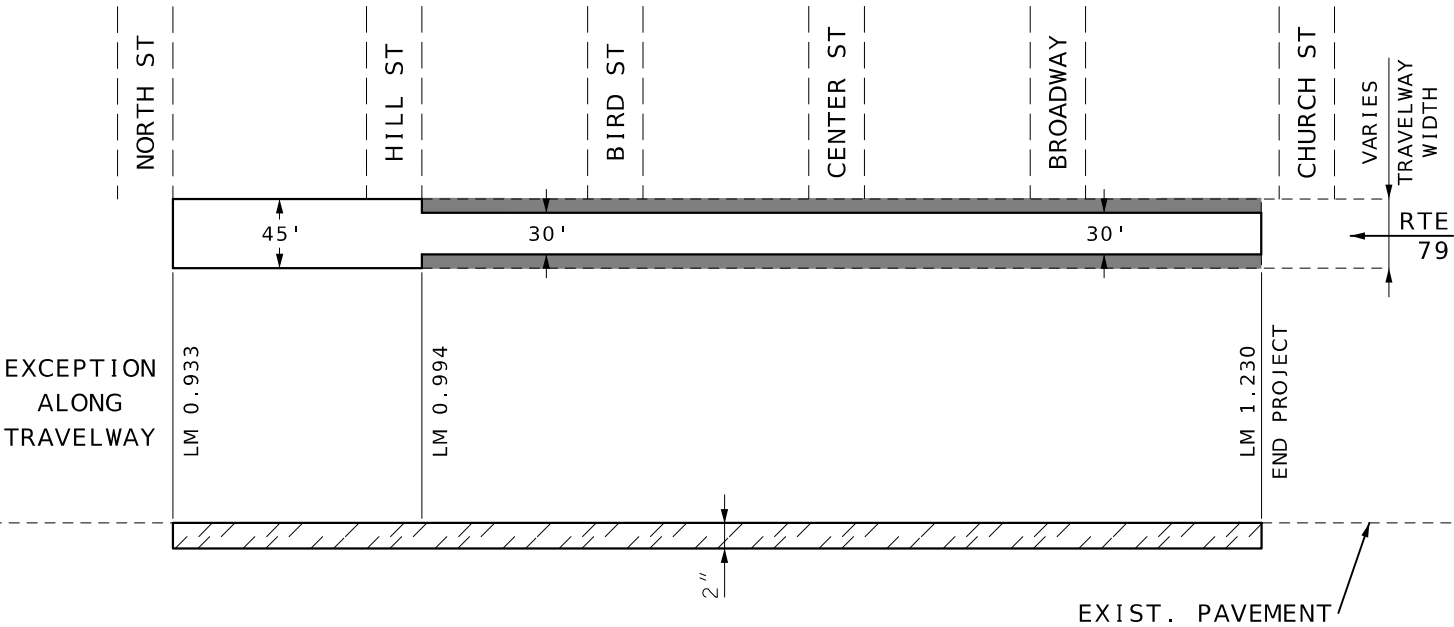
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EFFECTIVE: 04-01-2023																																																										
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN											SIGN	SIZE	AREA	QTY	TOTAL	SIGN											ITEM	TOTAL																							
SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.												SIGN	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.												NUMBER	QTY																					
WARNING SIGNS								DESCRIPTION										GUIDE SIGNS										DESCRIPTION																														
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)										E05-1	36X48	12.00						GORE EXIT										6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)																				
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)										E05-2	48X36	12.00						EXIT OPEN										6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)																				
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)										E05-2a	48X36	12.00						EXIT CLOSED										6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)																				
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)										GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES										6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)																				
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)										GO20-2	48X24	8.00						END ROAD WORK										6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)																				
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)										GO20-4	36X18	4.50	3	13.5				PILOT CAR FOLLOW ME										6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)																				
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)										GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW										6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)																				
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)										GO20-4aP	18X12	1.50	12	18				PILOT CAR IN USE WAIT & FOLLOW										6122020		REPLACEMENT SAND BARREL																				
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)										GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)										6122030		IMPACT ATTENUATOR (RELOCATION)																				
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)										MO4-8a	24X18	3.00						END DETOUR										6123000A	3	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)																				
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)										MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)										6161008		ADVANCED WARNING RAIL SYSTEM																				
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)										MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)										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)										6161025	200	CHANNELIZER (TRIM LINE)																				
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)										REGULATORY SIGNS										6161030		TYPE III MOVEABLE BARRICADE																												
WO1-8	18X24	3.00						CHEVRON (SYMBOL)										R1-1	48X48	13.25							STOP										6161033	28	DIRECTION INDICATOR BARRICADE																			
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)										R1-2	48TRI	6.93							YIELD										6161040	1	FLASHING ARROW PANEL																			
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)										R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)										6161047		TYPE III OBJECT MARKER																			
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)										R1-3P	30X12	2.50							ALL WAY (PLAQUE)										6161055		SEQUENTIAL FLASHING WARNING LIGHT																			
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)										R2-1	36X48	12.00							SPEED LIMIT XX										6161070		TUBULAR MARKER																			
WO3-4	48X48	16.00	12	192				BE PREPARED TO STOP										R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)										6161095		RADAR SPEED ADVISORY SYSTEM																			
WO3-5	48X48	16.00						SPEED LIMIT AHEAD										R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)										6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED																			
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)										R3-3	36X36	9.00							NO TURNS										6161098A	2	CHANGEABLE MESSAGE SIGN W/O 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 (ARROW SYMBOL)										R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT										6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM																			
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)										R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT										6162002		TEMPORARY LONG-TERM RUMBLE STRIPS																			
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS										R4-1	36X48	12.00							DO NOT PASS										6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED																			
WO5-3	48X48	16.00						ONE LANE BRIDGE										R4-2	36X48	12.00							PASS WITH CARE										6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED																			
WO5-5	48X48	16.00						NARROW LANES										R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)										6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION																			
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)										R4-7a	36X48	12.00	2	24					KEEP RIGHT (HORIZONTAL ARROW)										6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER																			
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)										R5-1	30X30	6.25							DO NOT ENTER										6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED																			
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)										R5-1a	36X24	6.00							WRONG WAY										6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED																			
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)										R6-1L	54X18	6.75							ONE WAY ARROW (LEFT)										6208064A		TEMPORARY RAISED PAVEMENT MARKER																			
WO8-1	48X48	16.00						BUMP										R6-1R	54X18	6.75							ONE WAY ARROW (RIGHT)										9029400		TEMPORARY TRAFFIC SIGNALS																			
WO8-2	48X48	16.00						DIP										R6-2L	24X30	5.00							ONE WAY (LEFT)										9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING																			
WO8-3	48X48	16.00						PAVEMENT ENDS										R6-2R	24X30	5.00							ONE WAY (RIGHT)																															
WO8-4	48X48	16.00						SOFT SHOULDER										R9-9	24X12	2.00							SIDEWALK CLOSED																															
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)										R9-11L	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE																															
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)										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 LOCAL TRAFFIC ONLY																															
WO8-9	48X48	16.00						LOW SHOULDER										R11-4	60X30	12.50							ROAD CLOSED TO THRU TRAFFIC																															
WO8-11	48X48	16.00	4	64				UNEVEN LANES										CONST-3A	60X48	20.00							FINE SIGN																															
WO8-12	48X48	16.00	4	64				NO CENTER LINE										CONST-3X	56X12	4.67							SPEEDING/PASSING (PLATE)																															
WO8-15	48X48	16.00						GROOVED PAVEMENT										MISCELLANEOUS SIGNS										CONST-5	48X36	12.00							POINT OF PRESENCE																					
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)										CONST-5	96X48	32.00	2	64						POINT OF PRESENCE																														
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)										CONST-7	48X24	8.00							RATE OUR WORK ZONE																															
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)										CONST-7	72X36	18.00	2	36						RATE OUR WORK ZONE																														
W10-1	42RND.	9.62						RAILROAD CROSSING										CONST-8	48X36	12.00	2	24						WORK ZONE NO PHONE ZONE																														
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	16	256				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	6	96				ONE LANE ROAD AHEAD										616-10.05 CONSTRUCTION SIGNS										TOTAL 1245																														
WO20-5	48X48	16.00	2	32				RIGHT/CENTER/LEFT LANE CLOSED AHEAD										616-10.10 RELOCATED SIGNS										TOTAL 0																														
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD																																																		
WO20-6a	48X48	16.00	6	96				RIGHT/CENTER/LEFT LANE CLOSED																																																		
WO20-7a	48X48	16.00	16	256				FLAGGER (SYMBOL, WITH FLAGS)																																																		
WO21-2	36X36	9.00						FRESH OIL																																																		
WO21-5	48X48	16.00						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)																																																		


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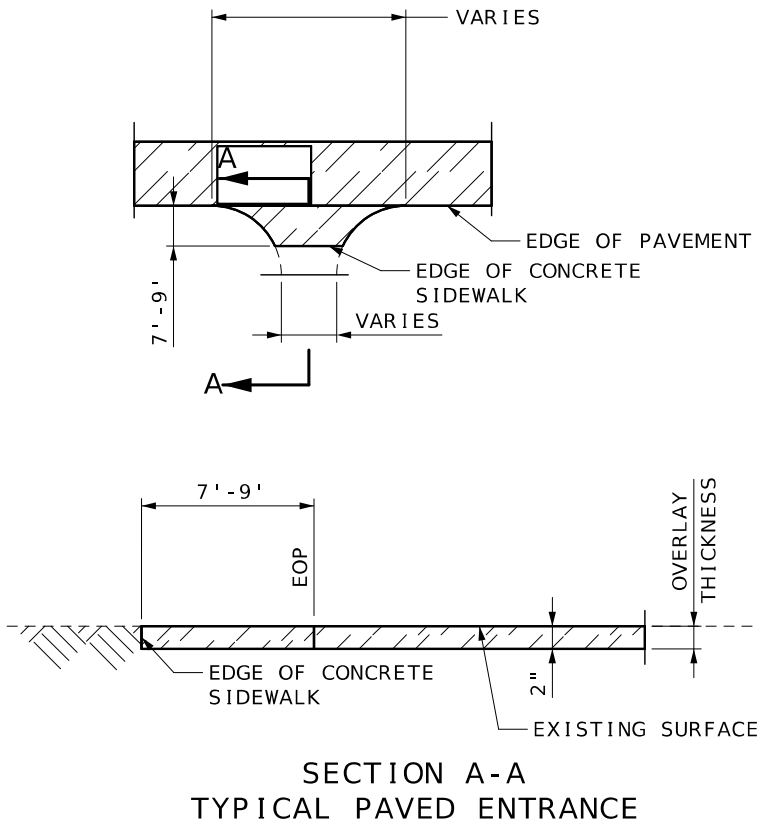
RTE 79/LONGITUDINAL TRAVELWAY COLDMILLING



LEGEND

 COLDMILL AND OVERLAY

 PARKING AREA - DO NOT DISTURB



SECTION A-A
TYPICAL PAVED ENTRANCE

STATE OF MISSOURI
BRIAN UNITED
NUMBER
PE-2009001137
PROFESSIONAL ENGINEER
Brian United
07/31/2023 10:15:26 PM
BRIAN UNITED - CIVIL
MO-PE-2009001137

DATE PREPARED 7/31/2023	
ROUTE 79	STATE MO
DISTRICT NE	SHEET NO. 4
COUNTY MARION	
JOB NO. J2P3412	
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)

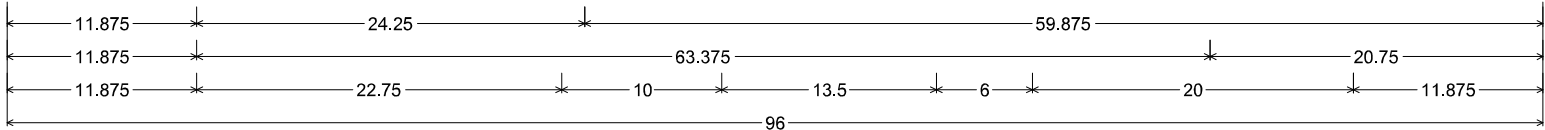
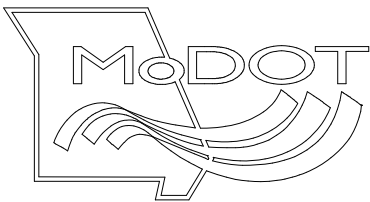


SPECIAL SHEET
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

Road Resurfacing

Fall 2024

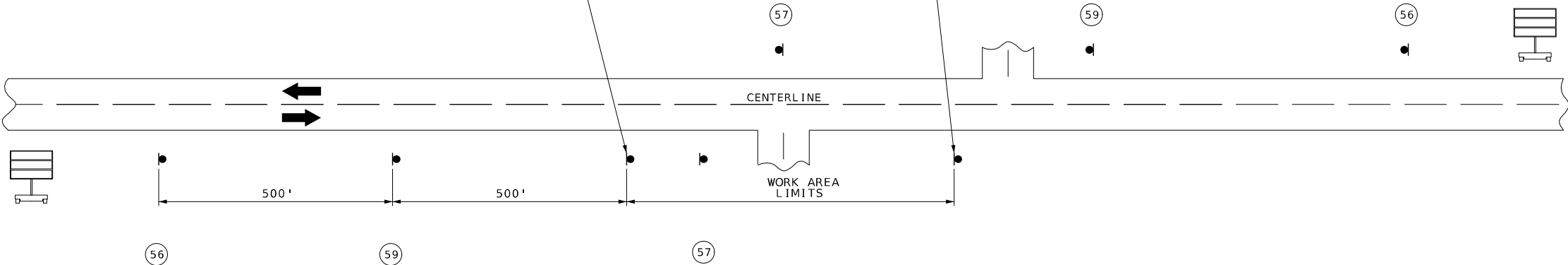


CONST-5-96 SH-FLAT SHEET;
3.000" Radius, 1.000" Border, White on, Blue;
"Road", D; "Resurfacing", D; "Fall 2024", D;
Table of letter and object lefts

R	o	a	d
11.875	19.000	25.125	31.625
R	e	s	u
11.875	19.000	24.875	31.375
r	f	a	c
38.500	42.875	47.250	53.750
i	n	g	
60.375	64.250	70.750	
F	a	l	
11.875	44.625	49.000	54.250
l	l	2	0
57.125	64.125	69.250	74.625
4			
79.750			

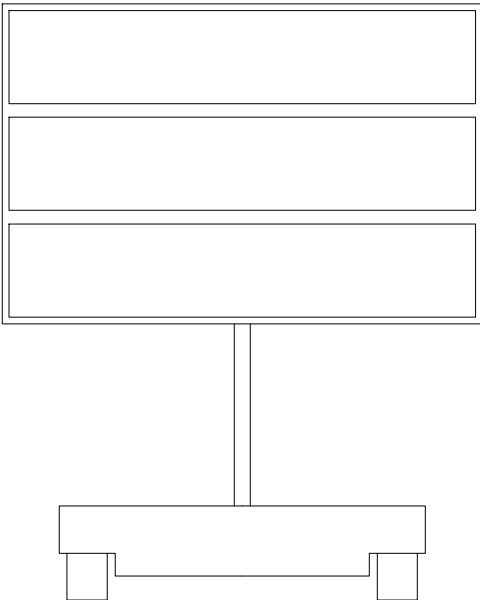
END OF PROJECT LIMITS; END OF WORK
ZONE TERMINATION AREA, IF LOCATED
BEYOND END OF PROJECT; OR LAST
WORK ZONE SIGN, IF LOCATED OUTSIDE
PROJECT LIMITS.

BEGINNING OF PROJECT LIMITS;
OR INITIAL WORK ZONE SIGN, IF
LOCATED OUTSIDE PROJECT LIMITS.



Road
Resurfacing
Fall 2024

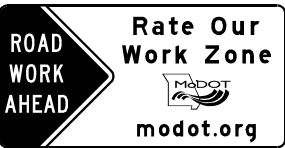
CONST - 5
(57)



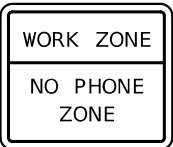
6161098A

CONTRACTOR FURNISHED/RETAINED
CHANGEABLE MESSAGE SIGN (CMS)

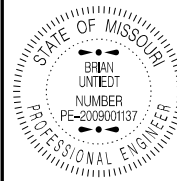
NOTE: CMS BOARDS SHALL BE PLACED
AT THE BEGINING/END OF THE PROJECT LIMIT,
ONE WEEK PRIOR TO START OF WORK
TO NOTIFY MOTORISTS OF UPCOMING CONSTRUCTION.
EXACT LOCATION AND MESSAGE AS DIRECTED BY THE ENGINEER.



CONST - 7 - 72
(56)



CONST - 8
(59)



DATE PREPARED
7/31/2023

ROUTE 79 STATE MO
DISTRICT NE SHEET NO. 5

COUNTY MARION
JOB NO. J2P3412
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

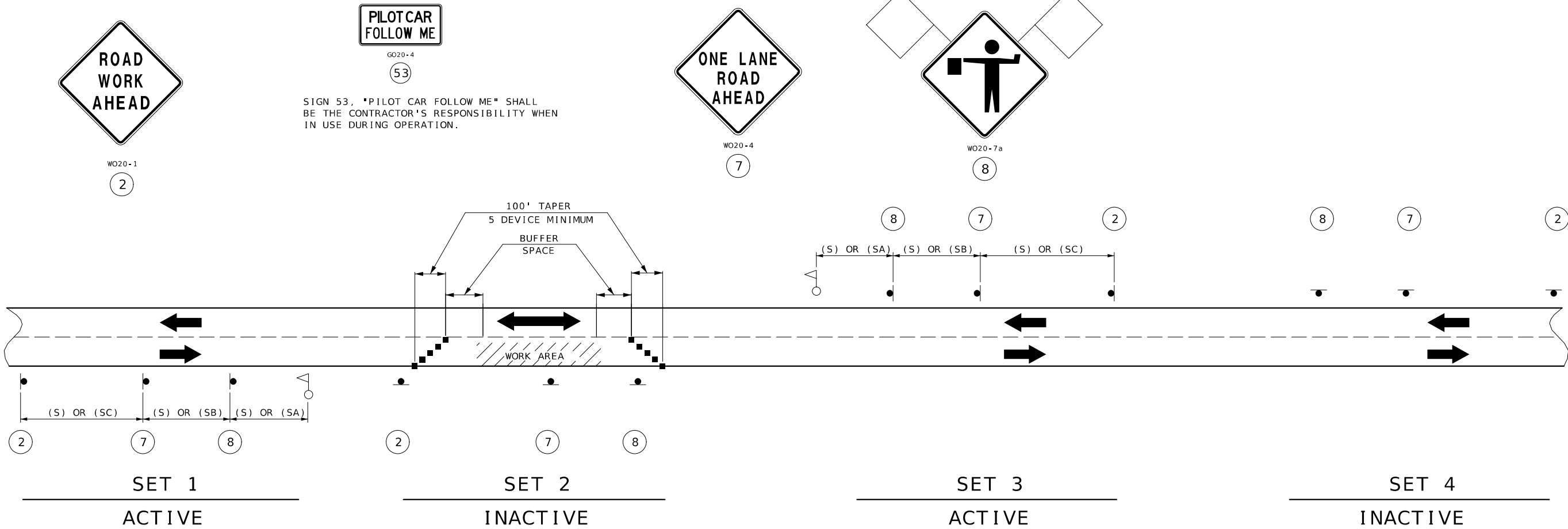
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT logo

TEMPORARY TRAFFIC CONTROL
DURATION OF PROJECT
SHEET 1 OF 9
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI
BRIAN UNITED
NUMBER
PE-2009001137
PROFESSIONAL ENGINEER
Brian United
07/31/2023 10:16:26 PM
BRIAN UNITED - CIVIL
MO-PE-2009001137

DATE PREPARED
7/31/2023

ROUTE
79

DISTRICT
NE

STATE
MO

SHEET NO.
6

COUNTY
MARION

JOB NO.
J2P3412

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

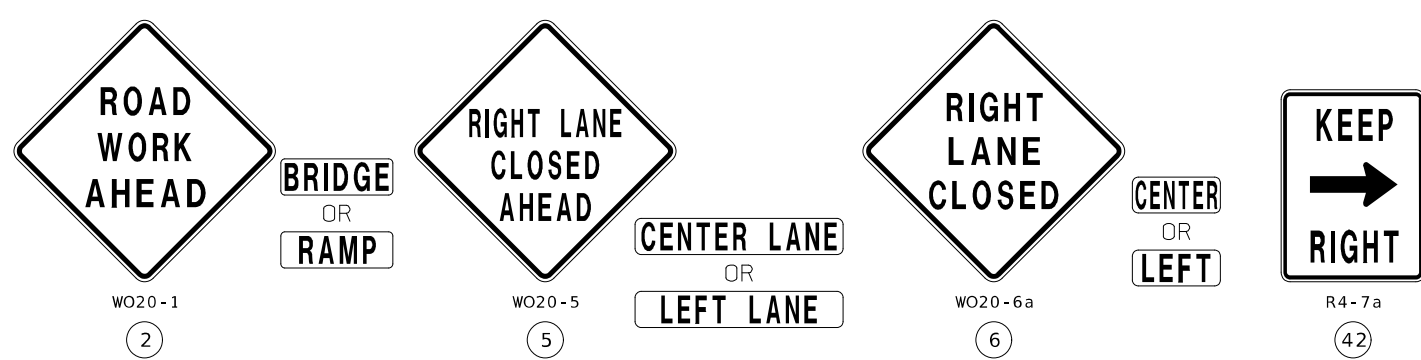
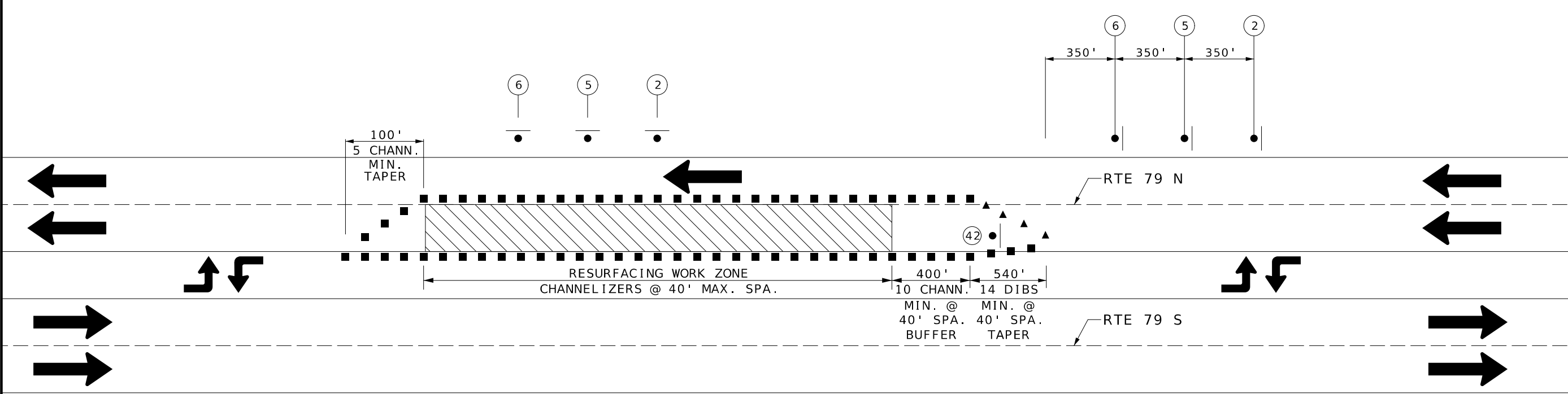
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
LANE CLOSURE ON TWO-LANE HIGHWAY
SHEET 2 OF 9
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SET 2
INACTIVE

SET 1
ACTIVE



SIGN SET 1 IS ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SET 2 IS INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED AT SIGN SETS 1.

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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE
- CHANNELIZER
- ▨ WORK AREA

NOTE: USE SIMILAR SETUP FOR RTE 79 S LANE DROP.

STATE OF MISSOURI

BRIAN UNITED

NUMBER

PE-2009001137

PROFESSIONAL ENGINEER

07/31/2023 10:18:59 PM

BRIAN UNITED - CIVIL

MO-FE-2009001137

DATE PREPARED

7/31/2023

ROUTE

79

DISTRICT

NE

STATE

MO

SHEET NO.

7

COUNTY

MARION

JOB NO.

J2P3412

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)

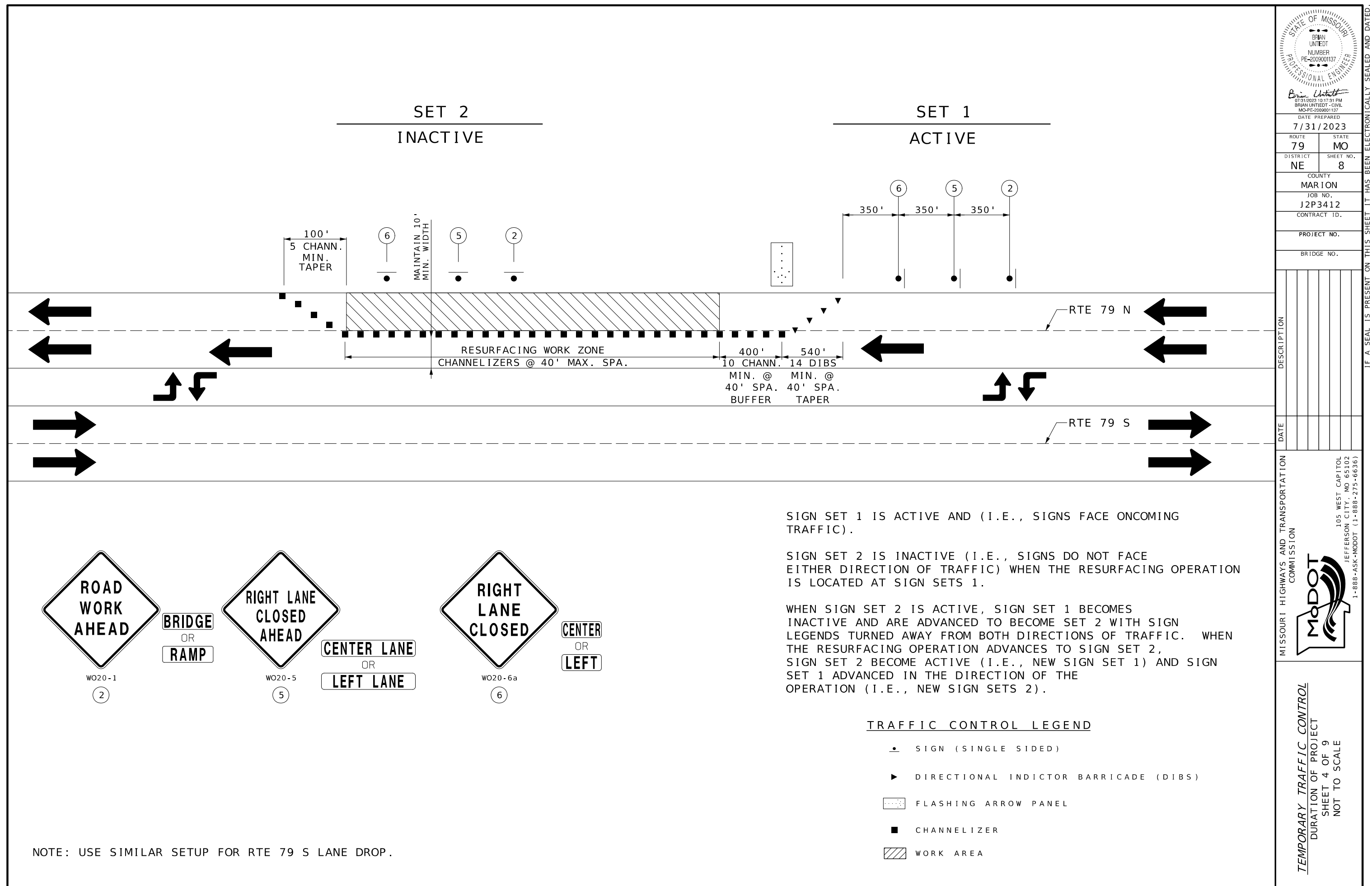
TEMPORARY TRAFFIC CONTROL

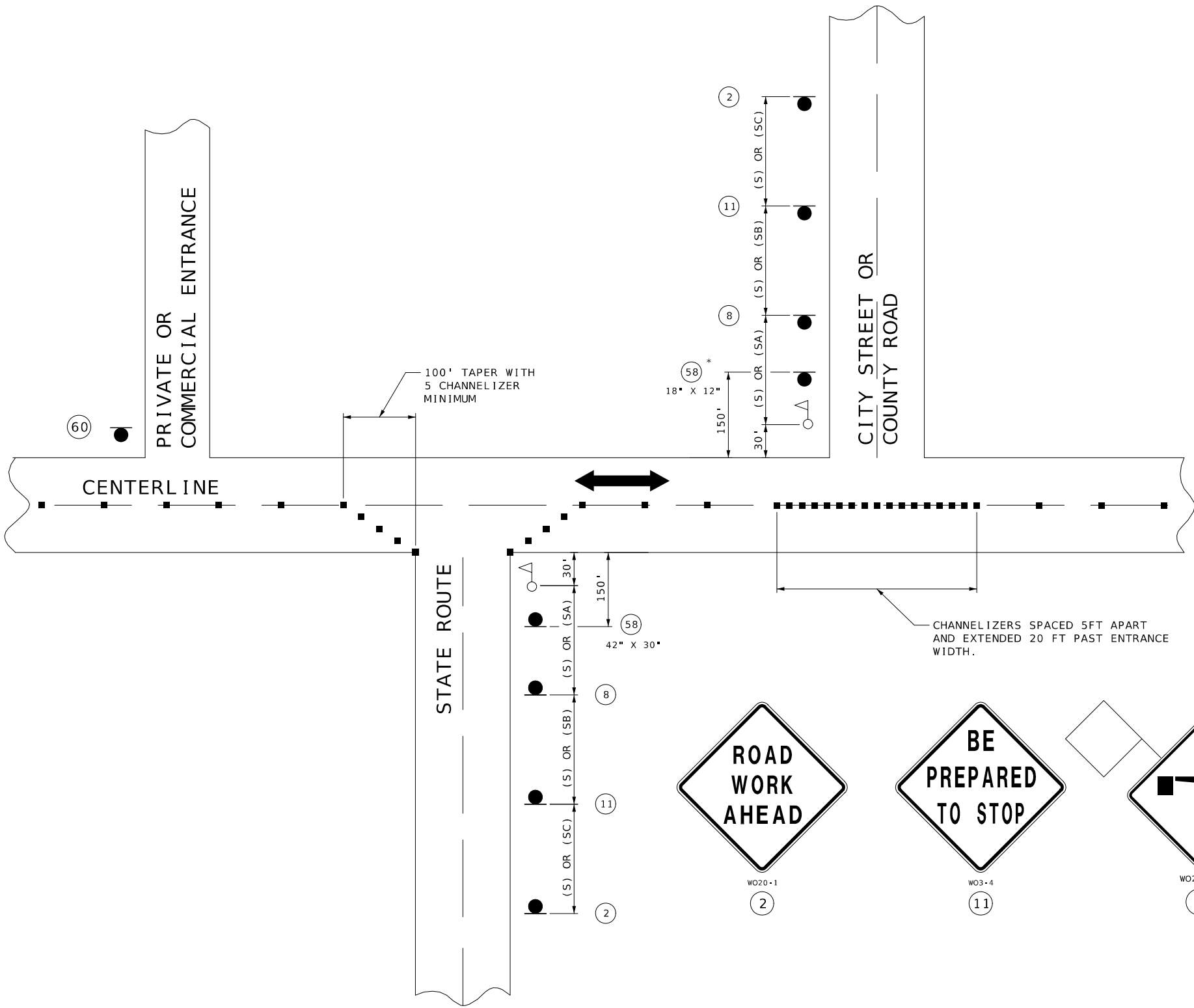
DURATION OF PROJECT

SHEET 3 OF 9

NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

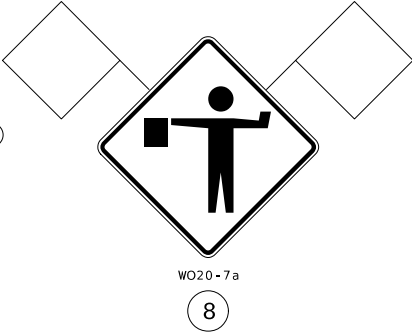
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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)

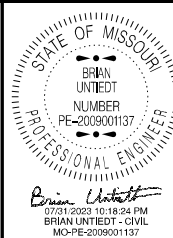
△ - FLAGGER



SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



DATE PREPARED
7/31/2023
ROUTE 79
STATE MO
DISTRICT NE
SHEET NO. 10

COUNTY
MARION
JOB NO.
J2P3412
CONTRACT ID.

PROJECT NO.

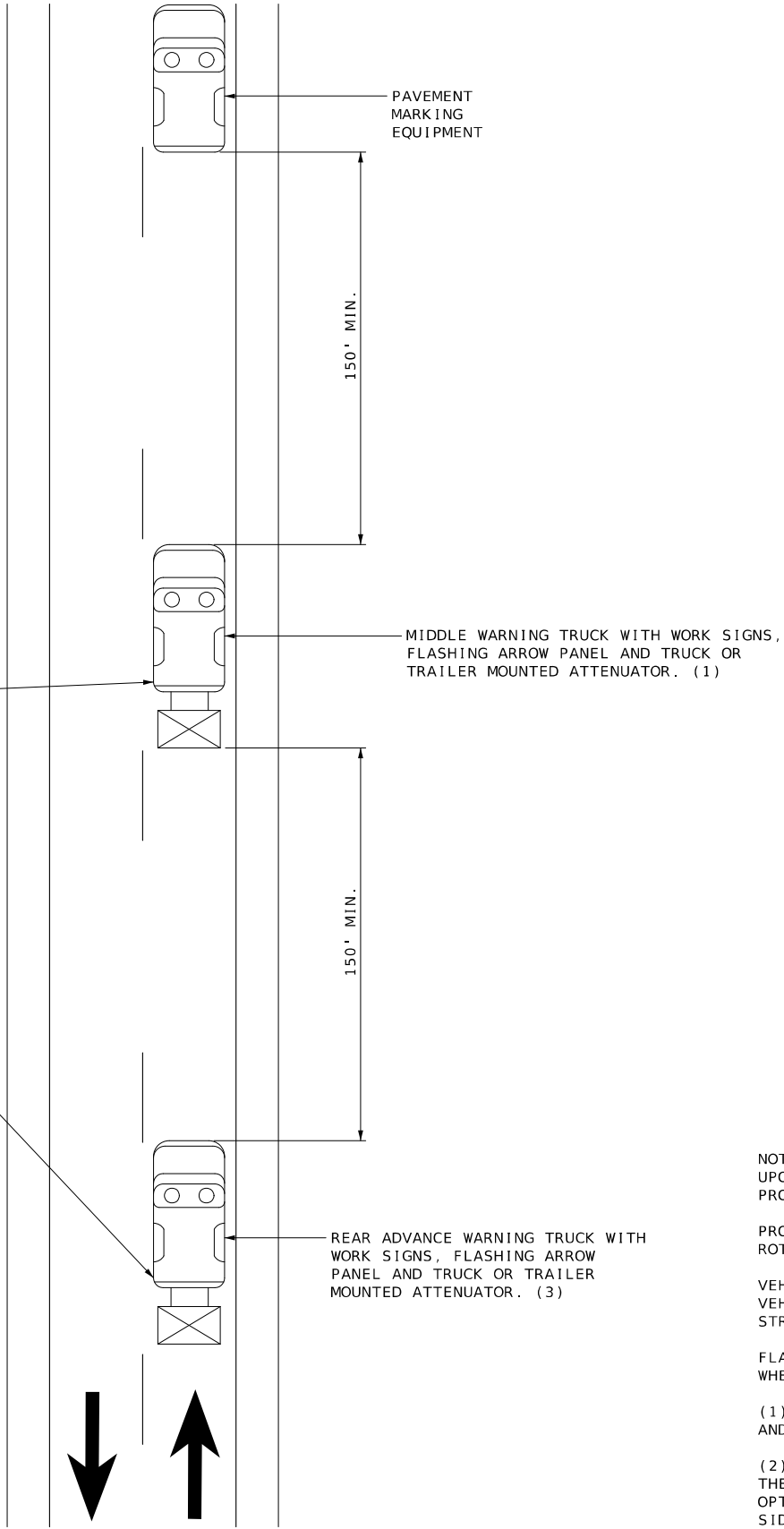
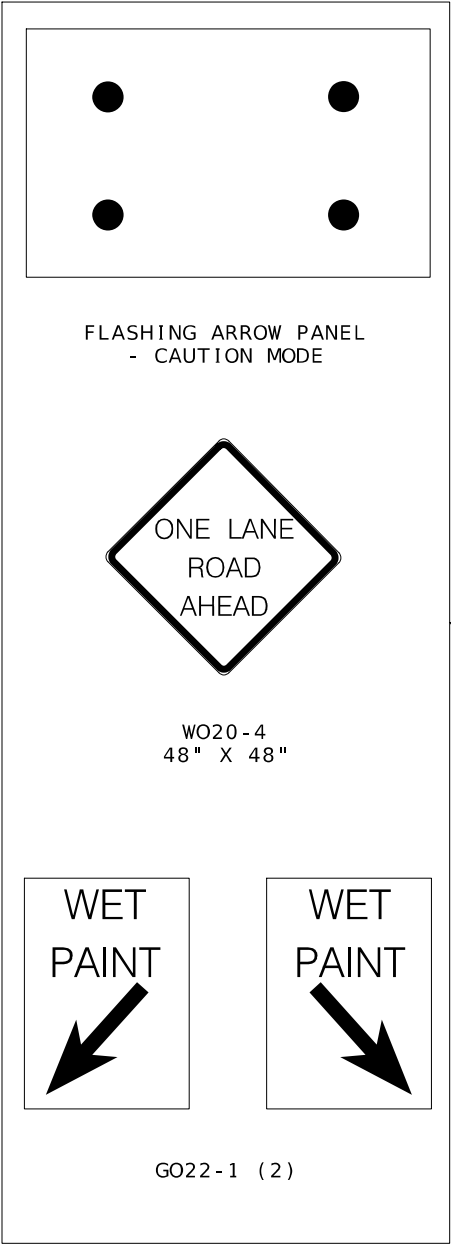
BRIDGE NO.

DATE	DESCRIPTION

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

TEMPORARY TRAFFIC CONTROL
SIDE ROAD ENTERING WORK ZONE
SHEET 6 OF 9
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CENTERLINE/EDGE LINE STRIPING ON TWO-LANE HIGHWAYS

- 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 STROBE LIGHTS.
- FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT SHALL 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.

STATE OF MISSOURI

BRIAN UNTEED

NUMBER

PE-2009001137

PROFESSIONAL ENGINEER

07/31/2023 10:19:17 PM

BRIAN UNTEED - CIVIL

MO-PE-2009001137

DATE PREPARED

7/31/2023

ROUTE

79

DISTRICT

NE

STATE

MO

SHEET NO.

12

COUNTY

MARION

JOB NO.

J2P3412

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)

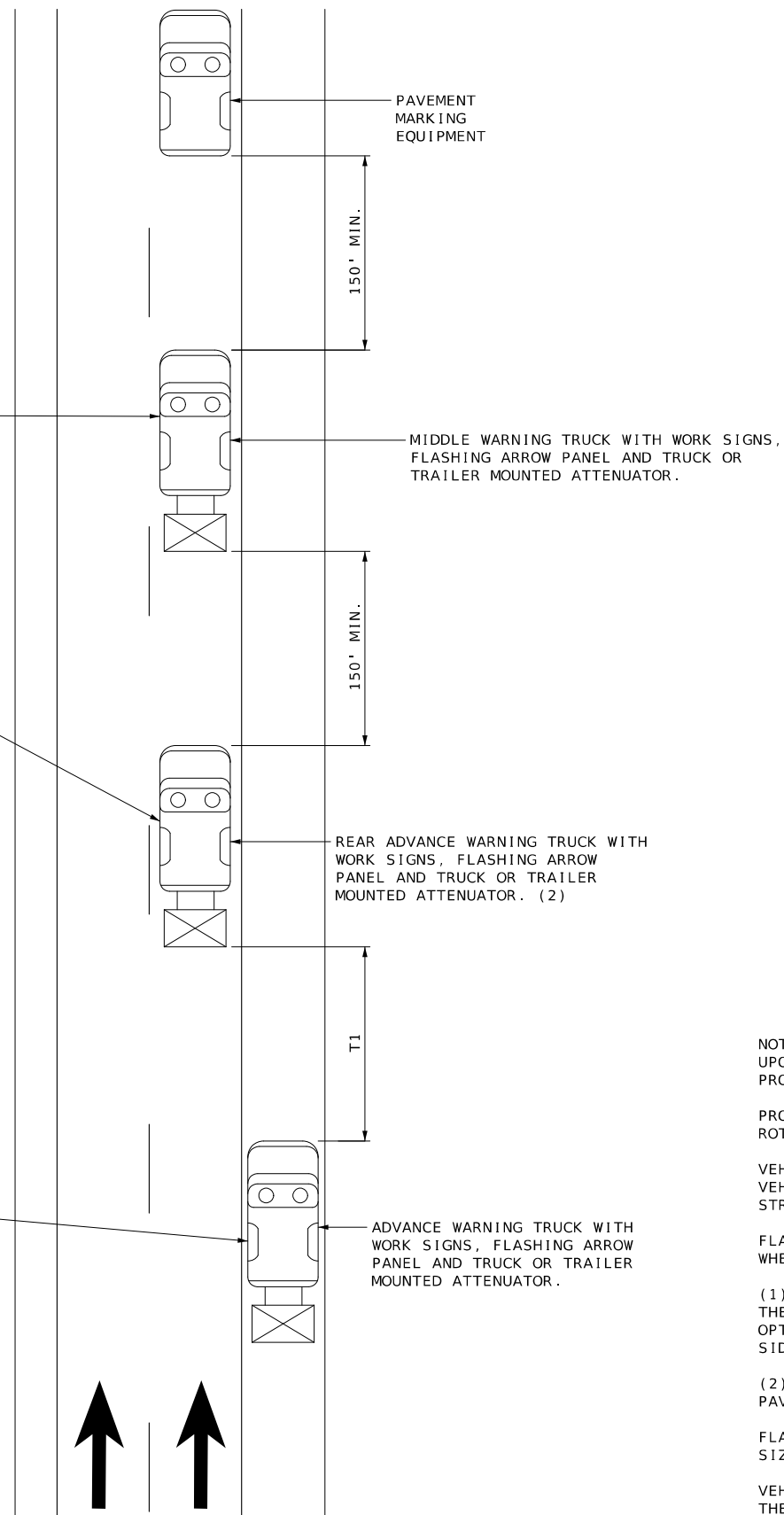
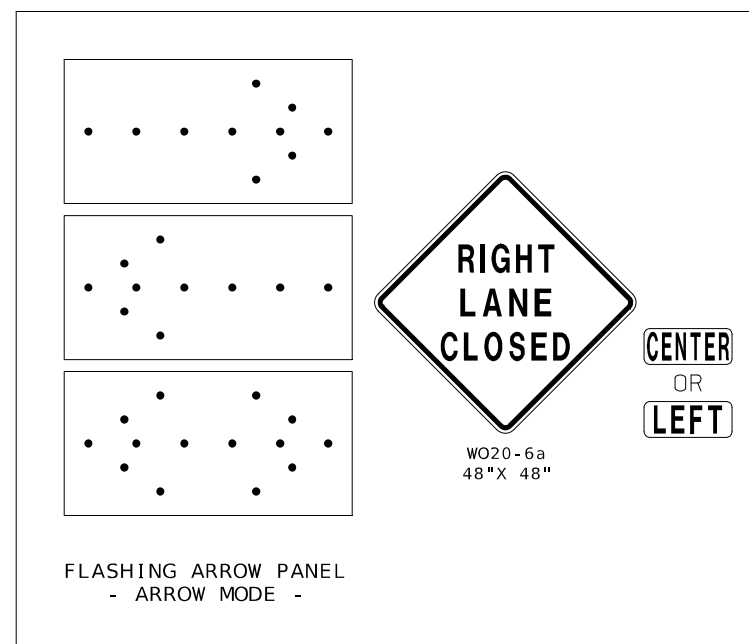
TEMPORARY TRAFFIC CONTROL

MOVING OPERATION ON HIGHWAY

SHEET 8 OF 9

NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPEED	SPACING LENGTH (FT)
REGULATORY (MPH)	SPACING (T1)
0-35	245
40-45	540
50-55	660
60-70	840

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 SHALL BE MADE.

(1) 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.


(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICH EVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

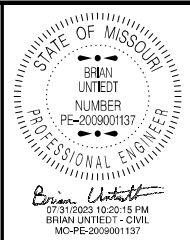
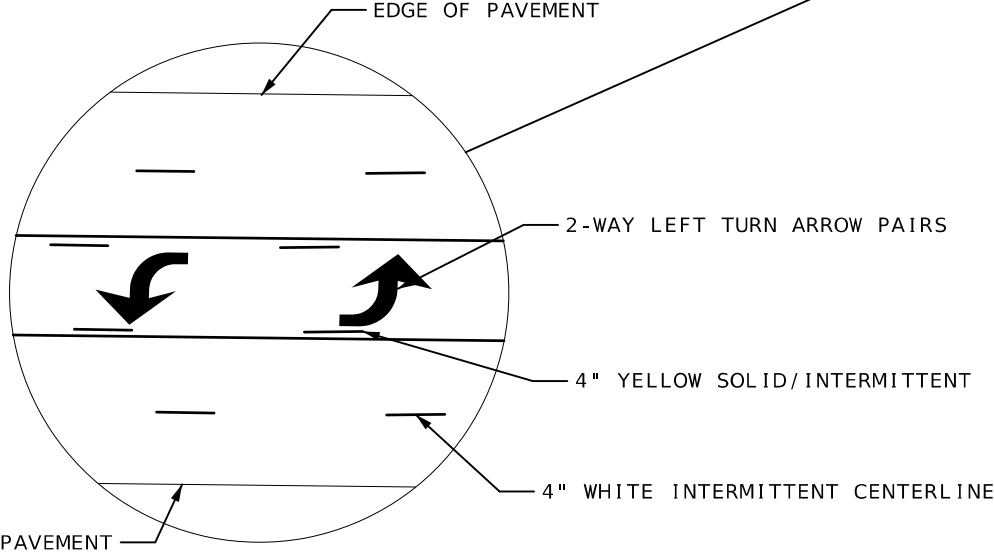
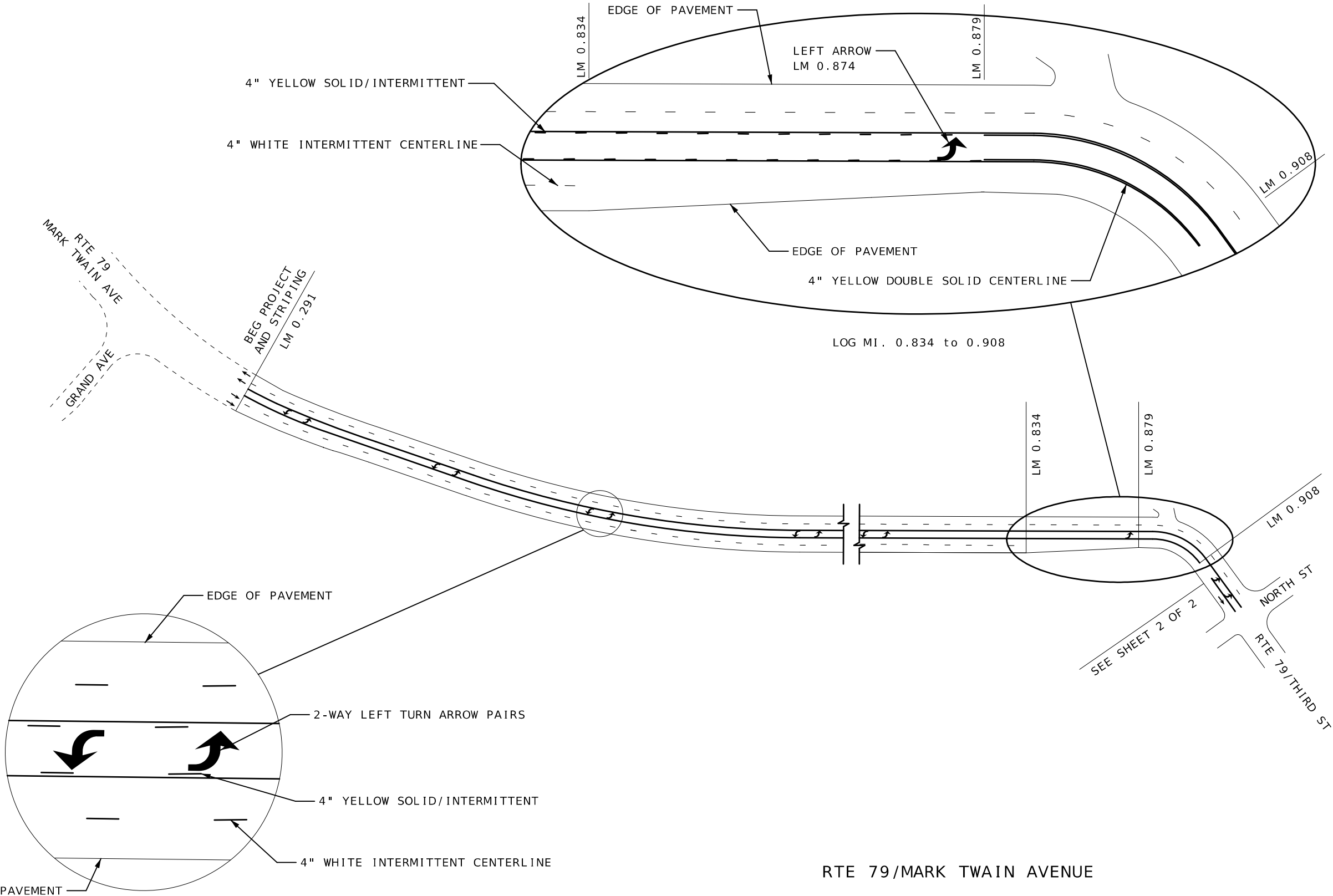
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

AN FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.
WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL
BE USED FOR EACH CLOSED LANE

CENTERLINE/EDGE LINE STRIPING ON MULTI-LANE, UNDIVIDED HIGHWAYS

TEMPORARY TRAFFIC CONTROL MOVING OPERATION ON HIGHWAY SHEET 9 OF 9 NOT TO SCALE			MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION									
			105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)									
	DATE	DESCRIPTION										
<div style="display: flex; justify-content: space-between;"> <div> <p>STATE OF MISSOURI</p> <p>BRIAN UNITED</p> <p>NUMBER PE-2009001137</p> <p>PROFESSIONAL ENGINEER</p> <p><i>Brian United</i></p> <p>07/31/2023 10:19:42 PM BRIAN UNITED - CIVIL MO-PE-2009001137</p> </div> <div> <p>DATE PREPARED</p> <p>7/31/2023</p> </div> </div> <table border="1" style="width: 100%;"> <tr> <td>ROUTE</td> <td>STATE</td> </tr> <tr> <td>79</td> <td>MO</td> </tr> <tr> <td>DISTRICT</td> <td>SHEET NO.</td> </tr> <tr> <td>NE</td> <td>13</td> </tr> </table> <div style="text-align: center;"> <p>COUNTY</p> <p>MARION</p> <p>JOB NO.</p> <p>J2P3412</p> <p>CONTRACT ID.</p> </div> <div style="text-align: center;"> <p>PROJECT NO.</p> <p>BRIDGE NO.</p> </div>					ROUTE	STATE	79	MO	DISTRICT	SHEET NO.	NE	13
ROUTE	STATE											
79	MO											
DISTRICT	SHEET NO.											
NE	13											

[illegible]



DATE PREPARED 7/31/2023	
ROUTE 79	STATE MO
DISTRICT NE	SHEET NO. 14
COUNTY MARION	
JOB NO. J2P3412	
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)

PAVEMENT MARKING SHEET
SHEET 1 OF 2
NOT TO SCALE

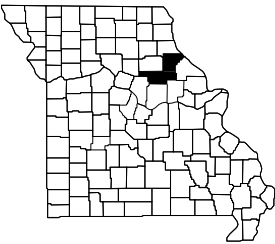
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESIGN DESIGNATION

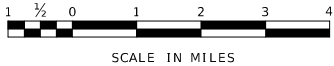
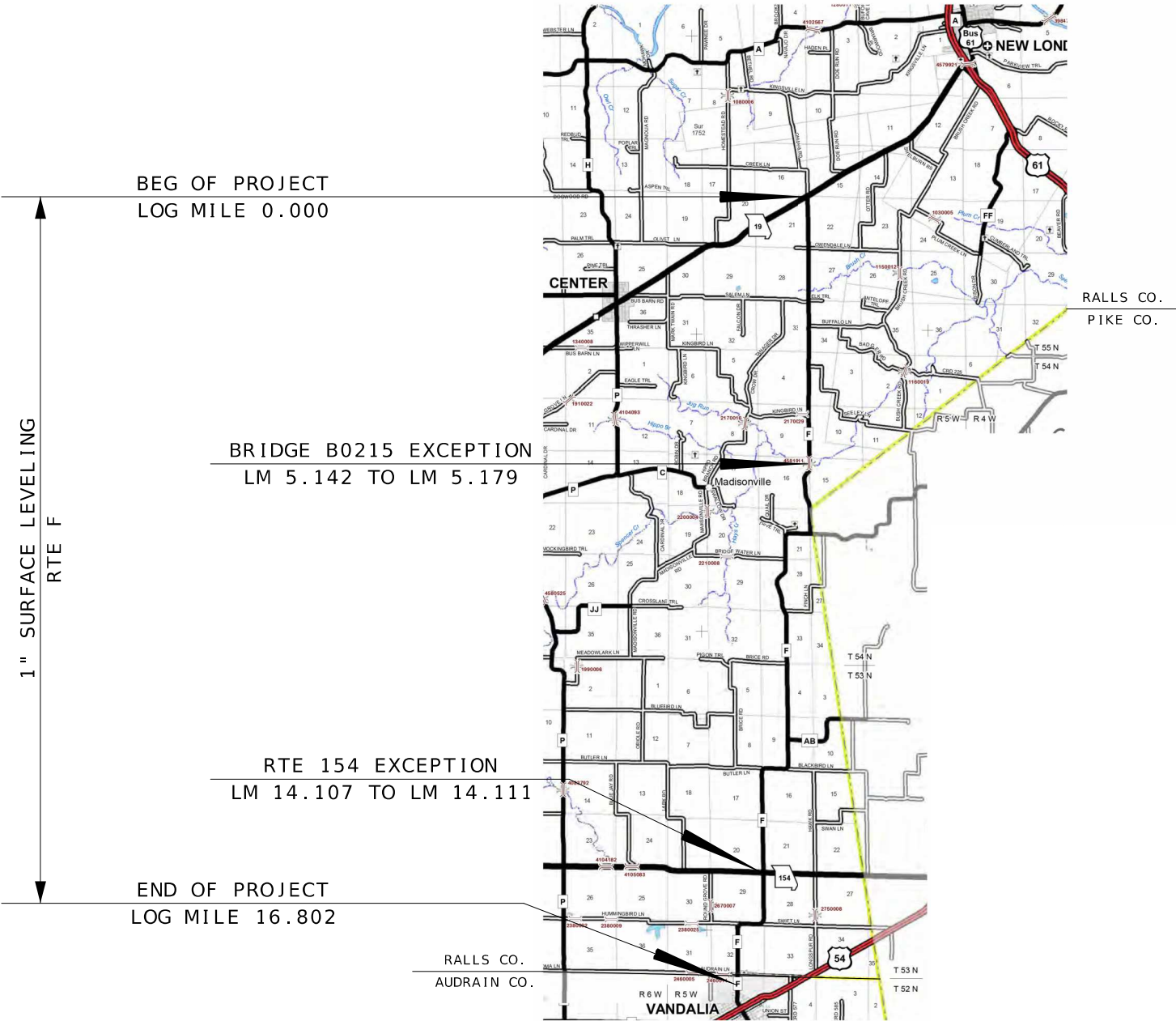
A.A.D.T - 2022 = 731
V = 55 M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
RALLS AND AUDRAIN COUNTIES

T55N-T52N, R05W

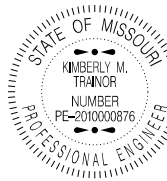


KEY MAP
SHOWING LOCATION OF COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-10



DATE PREPARED 7/27/2023	
ROUTE F	STATE MO
DISTRICT NE	SHEET NO. 1
COUNTY RALLS/AUDRAIN	
JOB NO. J2S3416	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

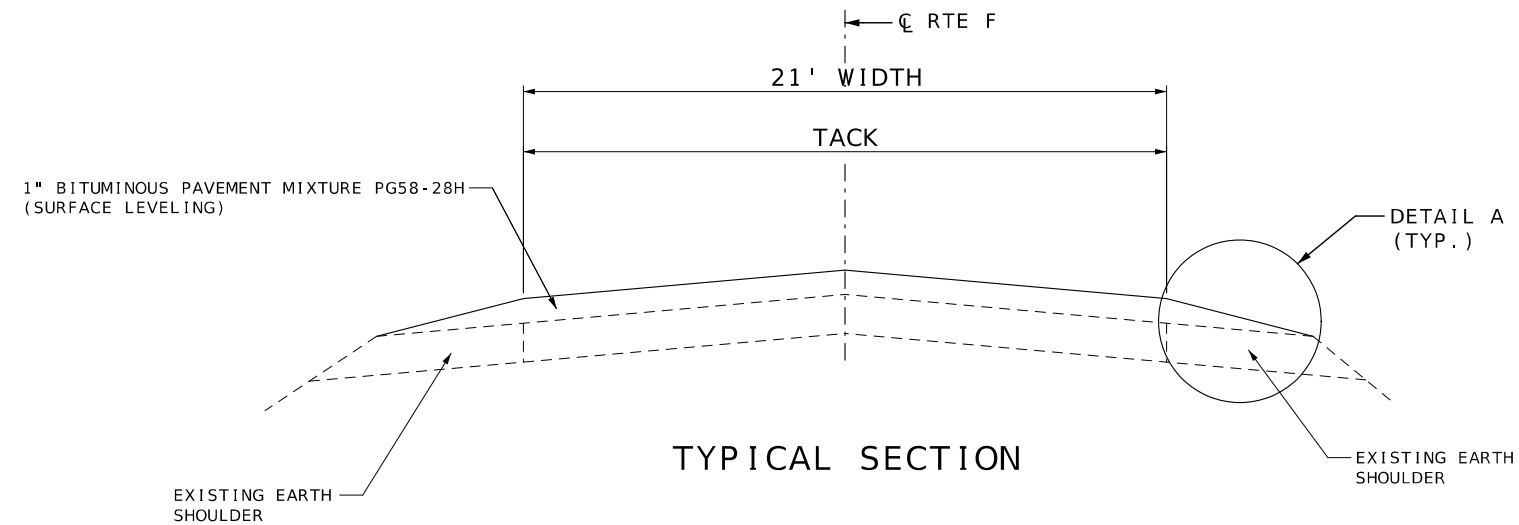
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

RTE F	
BEGIN OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 16.802
APPARENT LENGTH	MILES 16.802
EQUATIONS AND EXCEPTIONS:	
BRIDGE B0215	0.037 MILES
RTE 154 EXCEPTION	0.004 MILES
TOTAL CORRECTIONS	0.041 MILES
NET LENGTH OF PROJECT	16.761 MILES
STATE LENGTH	16.761 MILES

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL SECTION

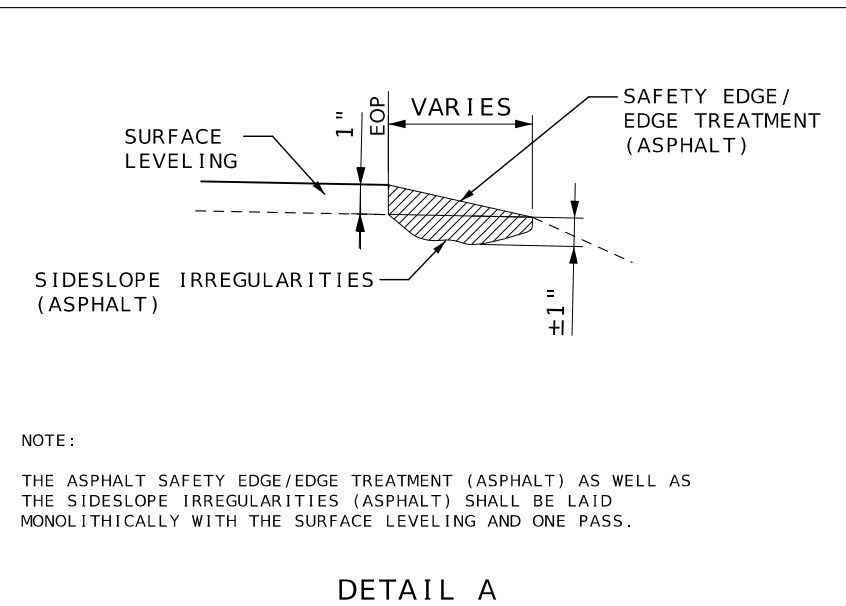
LOG MI. 0.000 TO 5.142*
LOG MI. 5.179 TO 14.107*
LOG MI. 14.111 TO 16.802

* BRIDGE B0215 EXCEPTION
LOG MI. 5.142 TO 5.179

* RTE 154 EXCEPTION
LOG MI. 14.107 TO 14.111

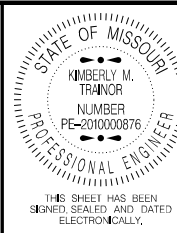
NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY



NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPALT) AS WELL AS
THE SIDESLOPE IRREGULARITIES (ASPALT) SHALL BE LAID
MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A



DATE PREPARED
9/5/2023

ROUTE F STATE MO

DISTRICT NE SHEET NO. 2

COUNTY
RALLS/AUDRAIN

JOB NO.
J2S3416

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 SECTION SHEET
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	REMARKS
0.000	0.012	62.50	1.00	VARIES	330	17.9	26.4	BEG PROJECT
0.012	5.142	27086.40	1.00	21	63202	3419.9	5056.2	BRIDGE B0215
5.179	6.575	7370.88	1.00	21	17199	930.7	1375.9	
6.575	6.602	142.56	1.00	VARIES	680	36.8	54.4	JUNCTION RTE C
-	-	50.00	1.00	21	117	6.3	9.4	RTE C
6.602	14.095	39563.04	1.00	21	92314	4995.2	7385.1	
14.095	14.107	62.50	1.00	VARIES	325	17.6	26.0	RTE 154
14.111	14.123	62.50	1.00	VARIES	350	18.9	28.0	RTE 154
14.123	16.802	14145.12	1.00	21	33005	1785.9	2640.4	END PROJECT
0.000	16.802	88714.56	-	-	-	2520.3	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
0.000	16.802	88714.56	-	-	-	1066.8	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
SUBTOTAL						14,816.3	16,601.8	
SUBTOTAL						30.9	48.0	PAVED ENTRANCES
TOTAL						14,847.2	16,650	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.000	0.012	62.50	1.00	VARIES	330	BEG PROJECT
5.133	5.142	50.00	1.00	21	117	BRIDGE B0215
5.179	5.188	50.00	1.00	21	117	BRIDGE B0215
-	-	50.00	1.00	21	117	RTE C
14.095	14.107	62.50	1.00	VARIES	325	RTE 154
14.111	14.123	62.50	1.00	VARIES	350	RTE 154
16.793	16.802	50.00	1.00	21	117	END PROJECT
SUBTOTAL					1,473	
SUBTOTAL					570	PAVED ENTRANCES
TOTAL					2,043	

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
1.717	RT.	24	1.3	2	24	
7.987	RT.	14	0.8	2	14	
8.389	RT.	17	0.9	2	17	
8.522	RT.	25	1.4	2	25	
11.091	LT.	490	26.5	40	490	RTE AB
SUBTOTAL			30.9	48	570	

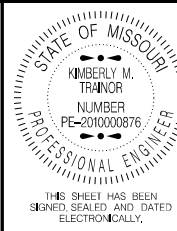
AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.000	16.802	79	2.0	158.0	PRIVATE AND FIELD ENTRANCES
0.000	16.802	31	4.0	124.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				282.0	

MOBILIZATION
1 LUMP SUM

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)
612-3000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 17 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	18	288.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
56	CONST-7	48 X 24	8.00	3	24.00	RATE OUR WORK ZONE
36	W08-11	48 X 48	16.00	34	544.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 4 TOTAL						
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	4	64.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	4	6.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 6 TOTAL						
2	W020-1	48 X 48	16.00	6	96.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	6	96.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	6	96.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	6	52.50	PILOT CAR IN USE WAIT & FOLLOW
(616-10.05) CONSTRUCTION SIGNS TOTAL					1700.76	
(616-10.05) CONSTRUCTION SIGNS TOTAL (USE)					1701	

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.



DATE PREPARED 7/27/2023	
ROUTE F	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY RALLS/AUDRAIN	
JOB NO. J2S3416	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION						

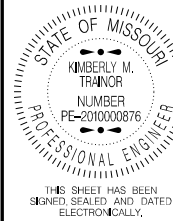
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/INTERMITTENT CENTERLINE L.F.	4" YELLOW DOUBLE SOLID CENTERLINE L.F.	4" WHITE SOLID SOLID EDGELINE L.F.	
0.000	0.062	RTE F			655		
0.062	0.221	RTE F		1,049			NBL SOLID AND SBL INTERMITTENT
0.221	0.269	RTE F	70				
0.269	0.406	RTE F		904			NBL INTERMITTENT AND SBL SOLID
0.406	0.445	RTE F	60				
0.445	0.508	RTE F		416			NBL SOLID AND SBL INTERMITTENT
0.508	0.578	RTE F			739		
0.578	0.627	RTE F		323			NBL INTERMITTENT AND SBL SOLID
0.627	0.683	RTE F	80				
0.683	0.718	RTE F		231			NBL SOLID AND SBL INTERMITTENT
0.718	0.788	RTE F			739		
0.788	0.869	RTE F		535			NBL INTERMITTENT AND SBL SOLID
0.869	0.888	RTE F	30				
0.888	1.032	RTE F		950			NBL SOLID AND SBL INTERMITTENT
1.032	1.047	RTE F			158		
1.047	1.188	RTE F		931			NBL INTERMITTENT AND SBL SOLID
1.188	1.206	RTE F	30				
1.206	1.267	RTE F		403			NBL SOLID AND SBL INTERMITTENT
1.267	1.365	RTE F			1,035		
1.365	1.442	RTE F		508			NBL INTERMITTENT AND SBL SOLID
1.442	1.468	RTE F			275		
1.468	1.637	RTE F		1,115			NBL SOLID AND SBL INTERMITTENT
1.637	1.862	RTE F	300				
1.862	2.027	RTE F		1,089			NBL INTERMITTENT AND SBL SOLID
2.027	2.096	RTE F			729		
2.096	2.228	RTE F		871			NBL SOLID AND SBL INTERMITTENT
2.228	2.266	RTE F			401		
2.266	2.401	RTE F		891			NBL INTERMITTENT AND SBL SOLID
2.401	2.546	RTE F			1,531		
2.546	2.697	RTE F		997			NBL SOLID AND SBL INTERMITTENT
2.697	2.721	RTE F			253		
2.721	2.807	RTE F		568			NBL INTERMITTENT AND SBL SOLID
2.807	2.867	RTE F	80				
2.867	2.968	RTE F		667			NBL SOLID AND SBL INTERMITTENT
2.968	3.126	RTE F	210				
3.126	3.296	RTE F		1,122			NBL INTERMITTENT AND SBL SOLID
3.296	4.148	RTE F			8,997		
4.148	4.325	RTE F		1,168			NBL SOLID AND SBL INTERMITTENT
4.325	5.065	RTE F	980				
5.065	5.235	RTE F		1,122			NBL INTERMITTENT AND SBL SOLID
5.235	5.993	RTE F			8,004		
5.993	6.161	RTE F		1,109			NBL SOLID AND SBL INTERMITTENT
6.161	6.163	RTE F			21		
6.163	6.309	RTE F		964			NBL INTERMITTENT AND SBL SOLID
6.309	6.332	RTE F	40				
6.332	6.527	RTE F		1,287			NBL SOLID AND SBL INTERMITTENT
6.527	6.691	RTE F			1,732		
6.691	6.801	RTE F		726			NBL SOLID AND SBL INTERMITTENT
6.801	6.865	RTE F			676		
6.865	6.970	RTE F		693			NBL INTERMITTENT AND SBL SOLID
6.970	7.111	RTE F			1,489		
7.111	7.217	RTE F		700			NBL SOLID AND SBL INTERMITTENT
7.217	7.283	RTE F			697		
7.283	7.385	RTE F		673			NBL INTERMITTENT AND SBL SOLID
7.385	8.741	RTE F			14,319		
8.741	8.911	RTE F		1,122			NBL SOLID AND SBL INTERMITTENT
8.911	9.312	RTE F	530				
9.312	9.489	RTE F		1,168			NBL INTERMITTENT AND SBL SOLID
9.489	9.748	RTE F			2,735		
9.748	9.917	RTE F		1,115			NBL SOLID AND SBL INTERMITTENT
9.917	9.921	RTE F			42		
9.921	10.047	RTE F		832			NBL INTERMITTENT AND SBL SOLID
10.047	10.083	RTE F	50				
10.083	10.216	RTE F		878			NBL SOLID AND SBL INTERMITTENT
10.216	11.431	RTE F	1,610				
11.431	11.603	RTE F		1,135			NBL INTERMITTENT AND SBL SOLID
11.603	11.691	RTE F			929		
11.691	11.871	RTE F		1,188			NBL SOLID AND SBL INTERMITTENT
11.871	11.895	RTE F	40				
11.895	12.073	RTE F		1,175			NBL INTERMITTENT AND SBL SOLID
12.073	12.165	RTE F			972		
12.165	12.333	RTE F		1,109			NBL SOLID AND SBL INTERMITTENT
12.333	12.463	RTE F	180				
12.463	12.562	RTE F		653			NBL INTERMITTENT AND SBL SOLID
12.562	12.631	RTE F	100				
12.631	12.732	RTE F		667			NBL SOLID AND SBL INTERMITTENT
12.732	13.671	RTE F	1,240				
13.671	13.845	RTE F		1,148			NBL INTERMITTENT AND SBL SOLID
13.845	14.107	RTE F			2,767		
SUBTOTAL SHEET 1			5,630	34,202	49,895	0	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING							



DATE PREPARED
7/27/2023

ROUTE	STATE
5	MO

DISTRICT	SHEET NO.
----------	-----------

NE	3
----	---

COUNTY _____

RALES/AUDIT
JOB NO.

J2S3416

CONTRACT ID.

PROJECT NO.

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

BRIDGE NO.

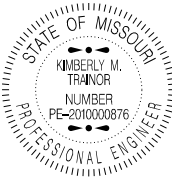
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

SUMMARY OF QUANTITIES SHEET
SHEET 2 OF 3

[illegible]



DATE PREPARED
7/27/2023

ROUTE	STATE
F	MO

DISTRICT	SHEET NO.
NE	3

COUNTY
RAILS/AUDRAIN

JOB NO.
1253416

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

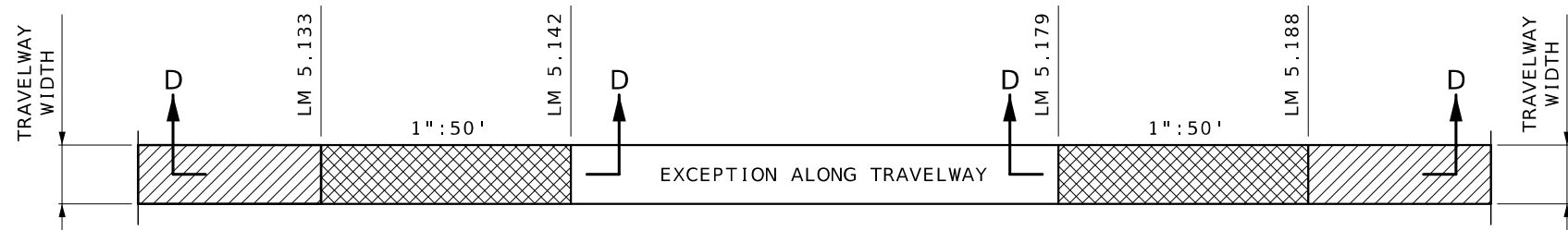


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

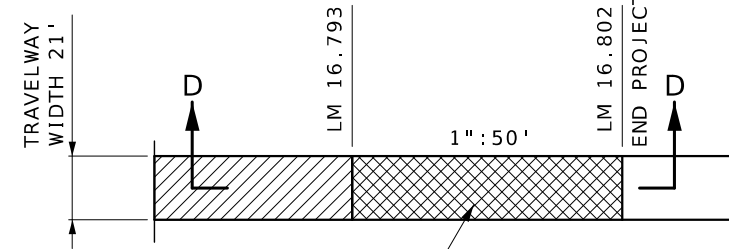
STANDARD WATERBORNE PAINT, TYPE P BEADS

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



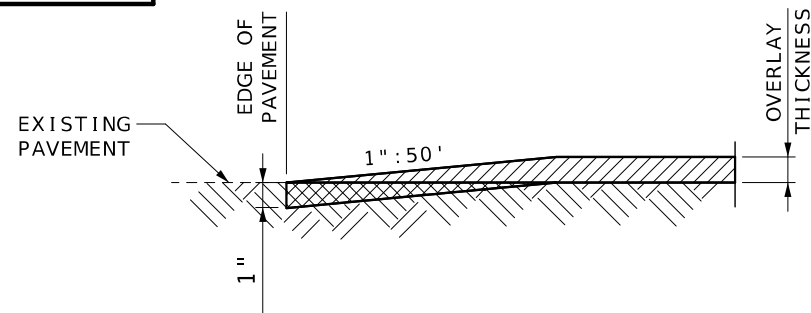
BRIDGE B0215 EXCEPTION



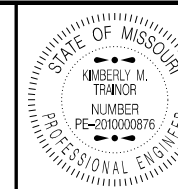
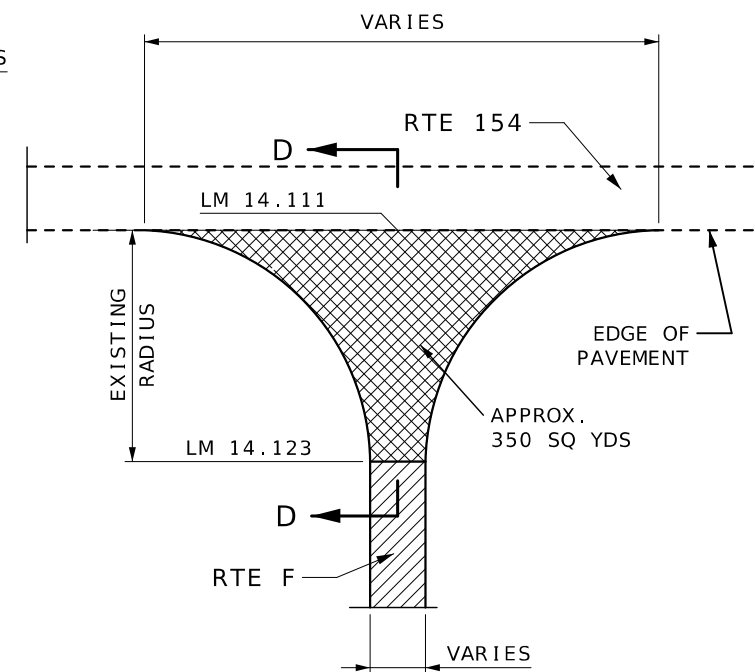
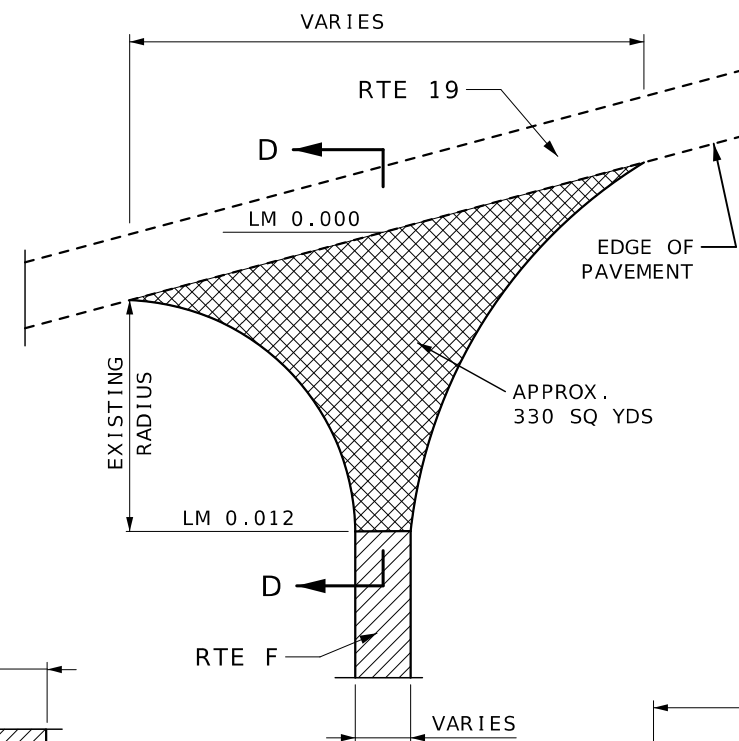
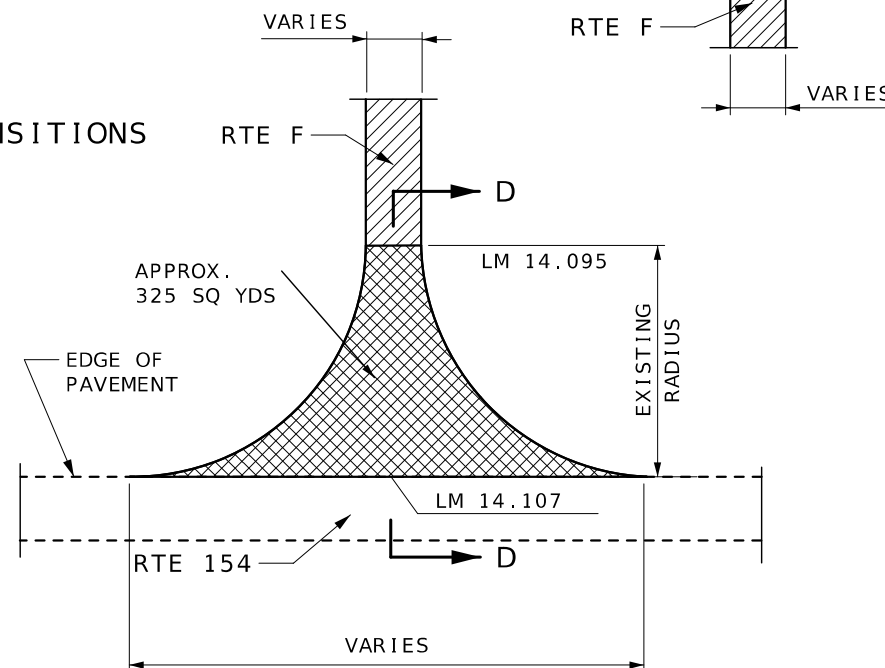
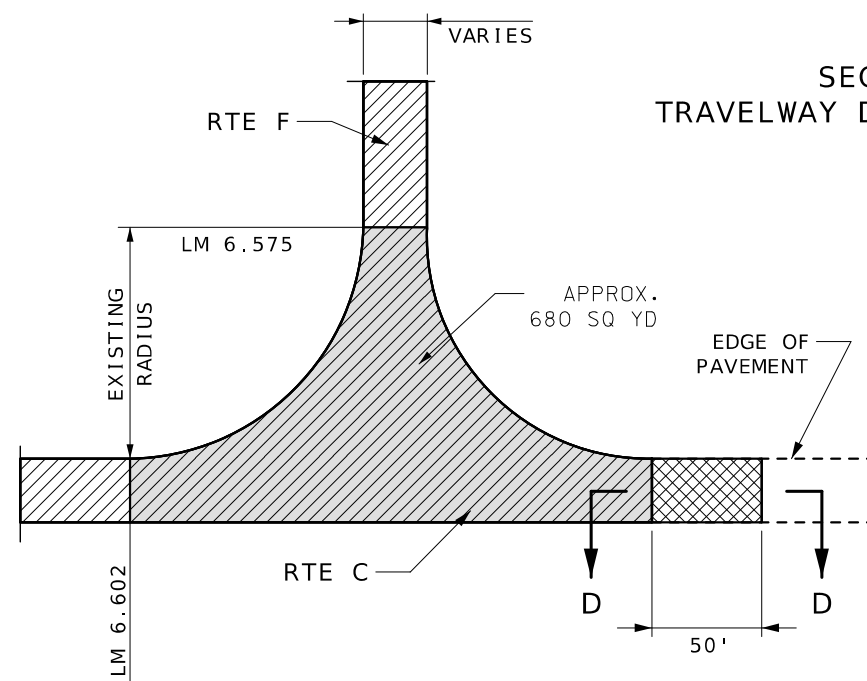
RTE F

LEGEND

- OVERLAY
- RTE C JUNCTION OVERLAY AREA
- MODIFIED COLDMILLING



SECTION D-D
TRAVELWAY DEPTH TRANSITIONS



DATE PREPARED
7/27/2023

ROUTE F STATE MO

DISTRICT NE SHEET NO. 4

COUNTY RALLS/AUDRAIN

JOB NO. J2S3416

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

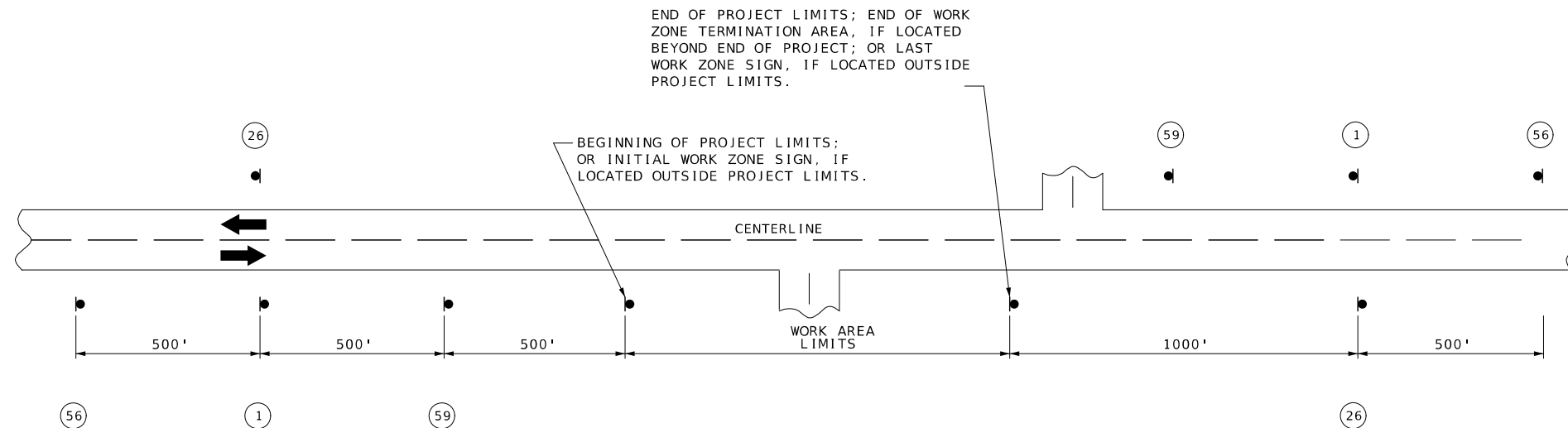
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
SHEET 1 OF 2
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



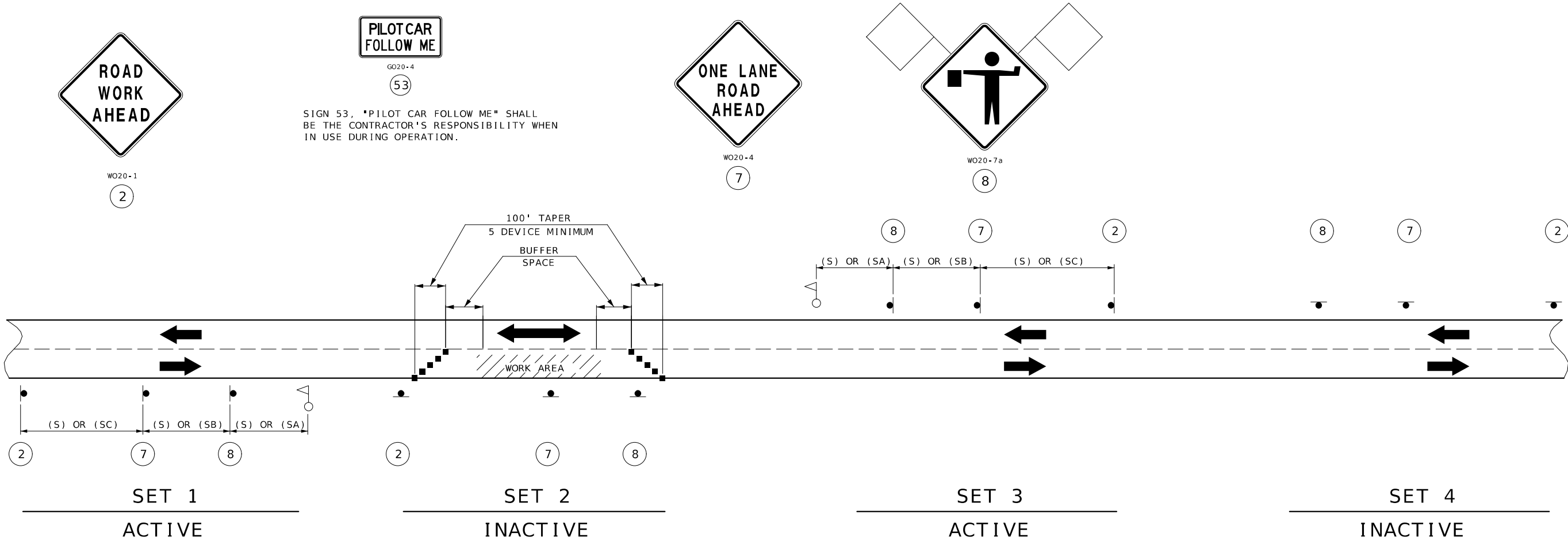
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-8

(59)

[illegible]



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI
KIMBERLY M. TRAYNOR
NUMBER
PE-2010000876
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/27/2023

ROUTE
F

STATE
MO

DISTRICT
NE

SHEET NO.
7

COUNTY
RALLS/AUDRAIN

JOB NO.
J2S3416

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

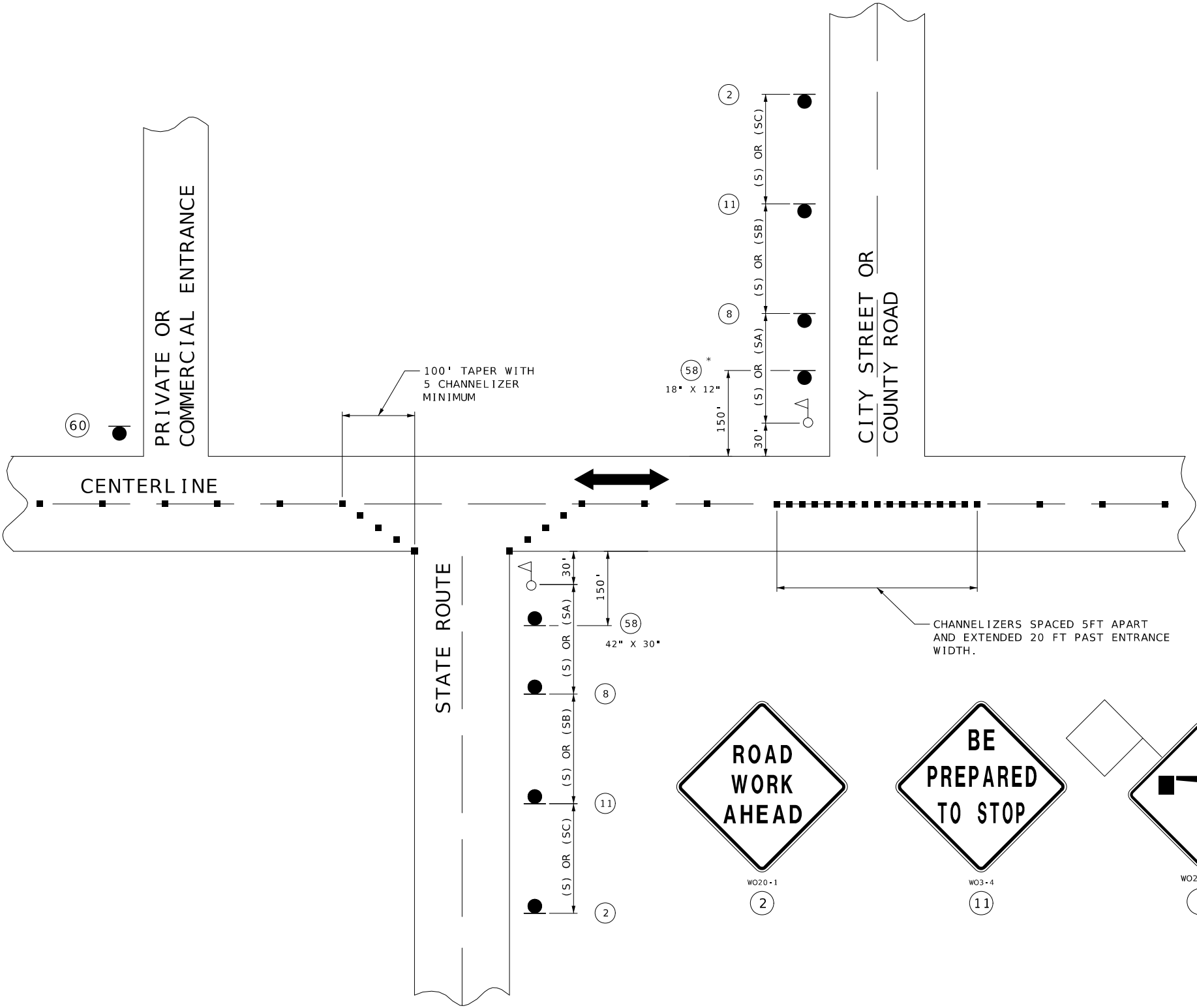
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TEMPORARY TRAFFIC CONTROL
LANE CLOSURE ON TWO-LANE HIGHWAY
SHEET 2 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIDE ROADS ENTERING WORK ZONES

SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO 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.

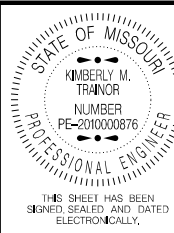
■ - CHANNELIZERS (AS SPECIFIED)

○ - FLAGGER

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



DATE PREPARED
7/27/2023

ROUTE STATE
F MO
DISTRICT SHEET NO.
NE 8

COUNTY
RALLS/AUDRAIN

JOB NO.
J2S3416

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

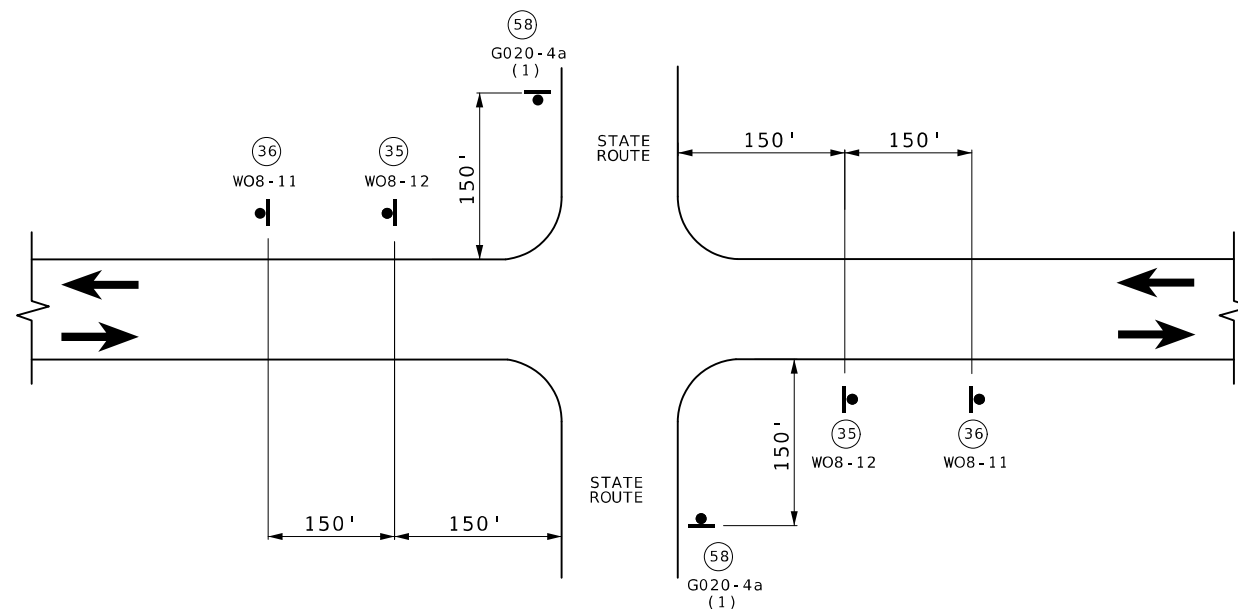
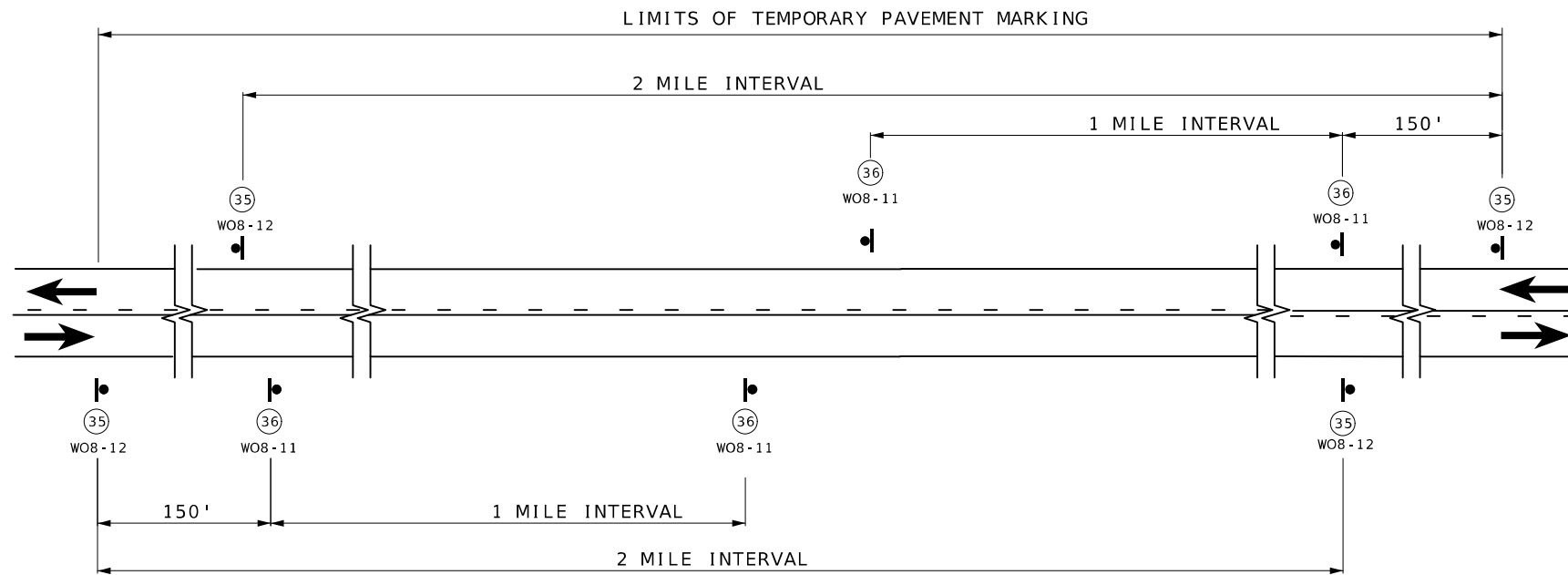
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

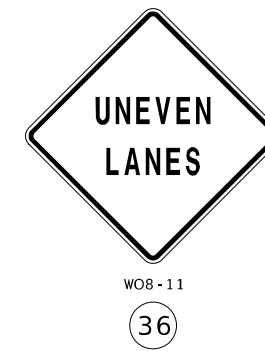
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SIDE ROAD ENTERING WORK ZONE
SHEET 3 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.

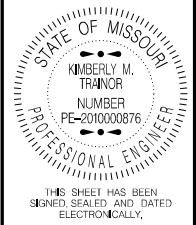


NOTES:

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.



DATE PREPARED
7/27/2023

ROUTE F	STATE MO
DISTRICT NE	SHEET NO. 9

COUNTY
RALLS / AUDRAIN

JOB NO.
J2S3416

CONTRACT ID.

PROJECT NO.

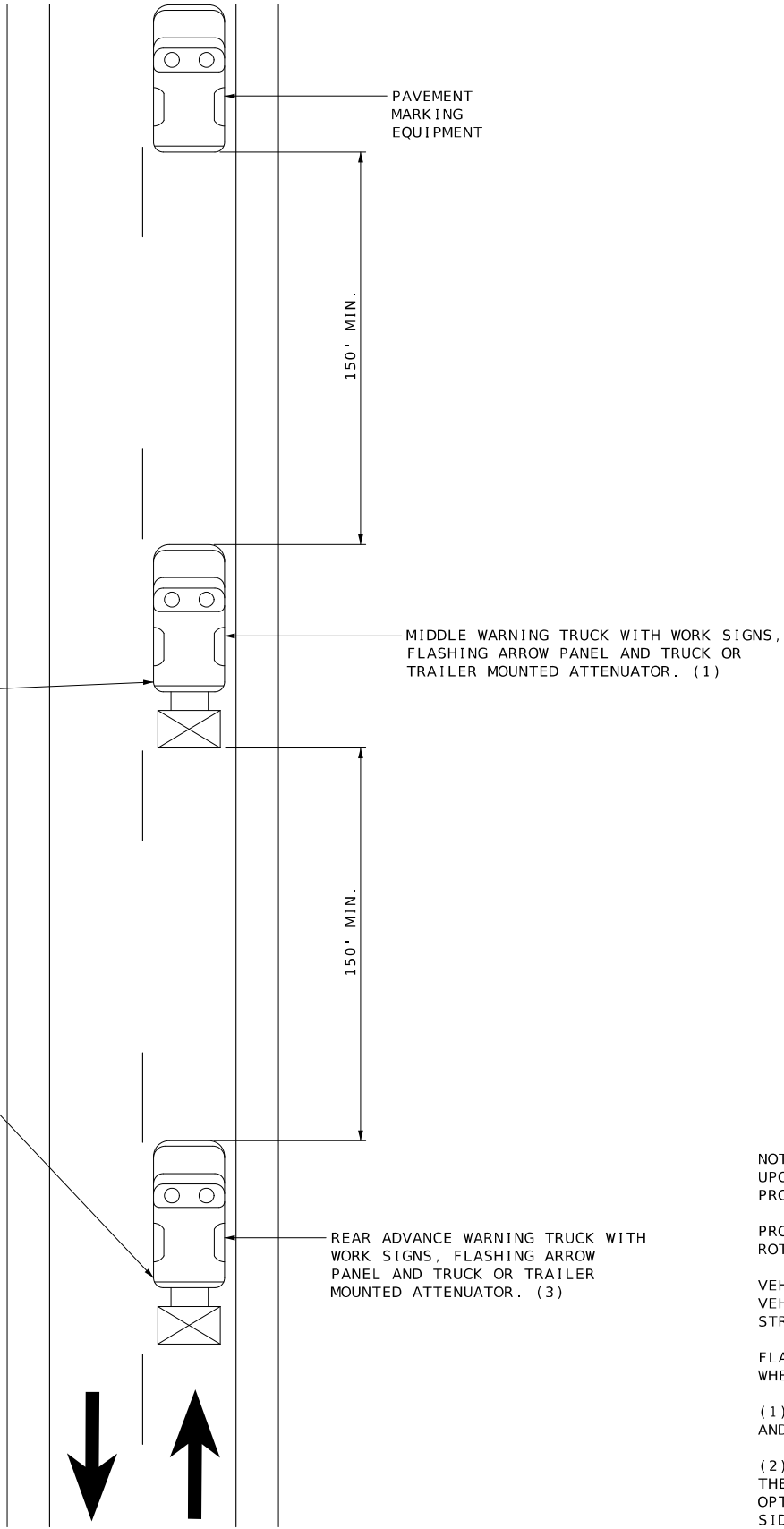
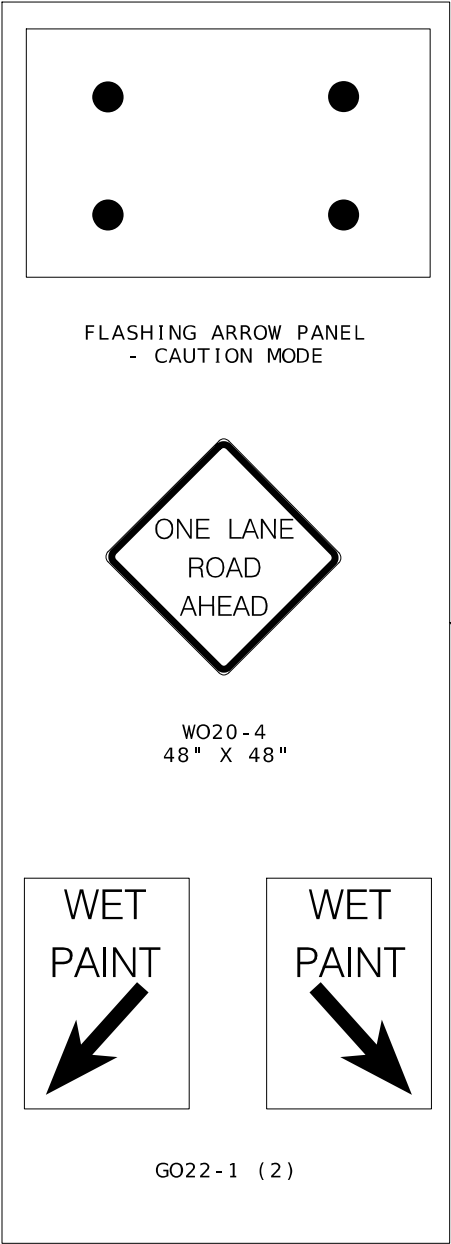
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TEMPORARY TRAFFIC CONTROL
TEMPORARY PAVEMENT MARKING DETAIL
SHEET 4 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

- 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 STROBE LIGHTS.
- FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT SHALL 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.

STATE OF MISSOURI

KIMBERLY M. TRAYNOR

NUMBER PE-2010000876

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

7/27/2023

ROUTE

F

STATE

MO

DISTRICT

NE

SHEET NO.

10

COUNTY

RALLS/AUDRAIN

JOB NO.

J2S3416

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TEMPORARY TRAFFIC CONTROL

MOVING OPERATION ON HIGHWAY

SHEET 5 OF 5

NOT TO SCALE

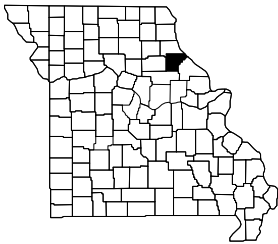
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESIGN DESIGNATION

A.A.D.T - 2021 = 916
V = 55 M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
RALLS COUNTY

T55N, R05W-R04W



KEY MAP
SHOWING LOCATION OF COUNTY



BRIDGE A6071 EXCEPTION
LM 1.629 TO LM 1.699

BEG OF PROJECT
LOG MILE 0.000

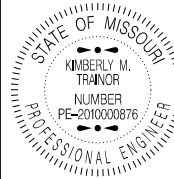
1" SURFACE LEVELING
RTE V

END OF PROJECT
LOG MILE 4.487



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (1 SHEET)-----	3
SPECIAL SHEET (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-10



DATE PREPARED 7/27/2023	STATE MO
ROUTE V	DISTRICT NE
JOB NO. J2S3420	SHEET NO. 1
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)

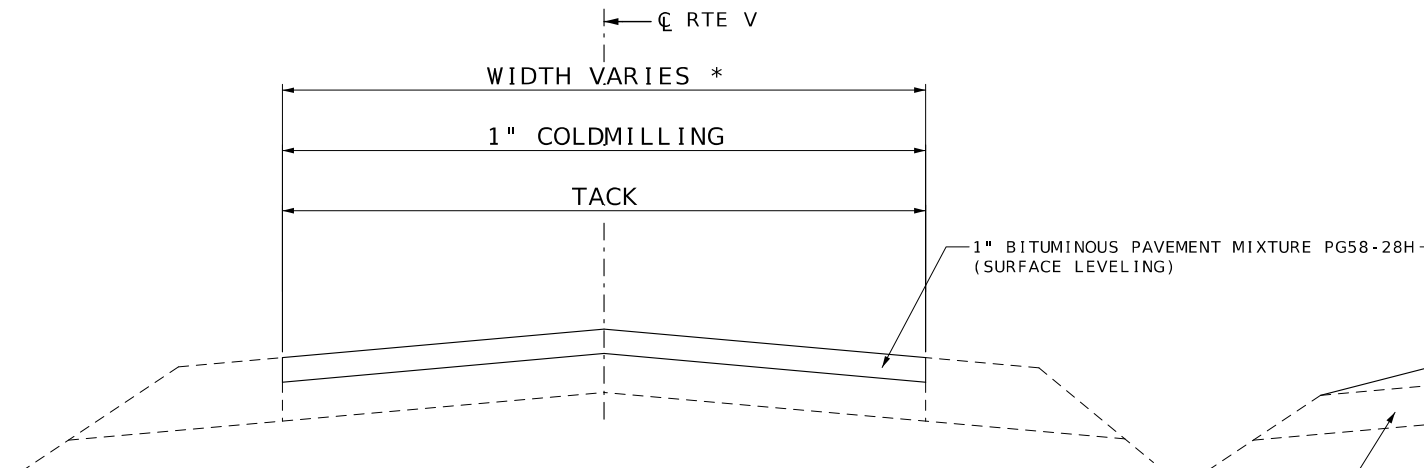
LENGTH OF PROJECT

RTE V	
BEGIN OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 4.487
APPARENT LENGTH	MILES 4.487

EQUATIONS AND EXCEPTIONS:

BRIDGE A6071	0.070 MILES
TOTAL CORRECTIONS	0.070 MILES
NET LENGTH OF PROJECT	4.417 MILES
STATE LENGTH	4.417 MILES

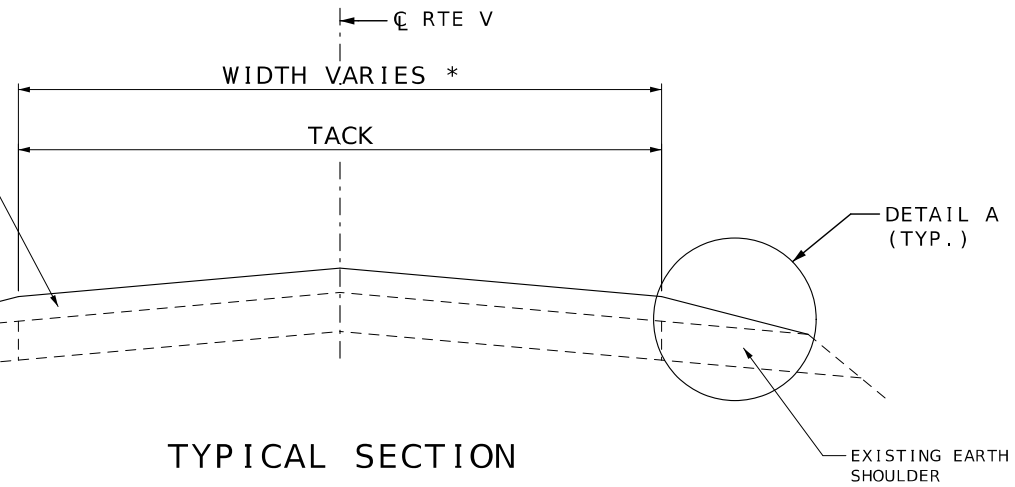
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TYPICAL SECTION

- * LOG MI. 0.000 TO 0.069 - 38'
- * LOG MI. 0.069 TO 0.438 - 22'

EXISTING EARTH
SHOULDER



TYPICAL SECTION

- * LOG MI. 0.438 TO 1.417 - 22'
- * LOG MI. 1.417 TO 1.629 - 22-24' †
- * LOG MI. 1.699 TO 1.879 - 24-22'
- * LOG MI. 1.879 TO 4.487 - 22'

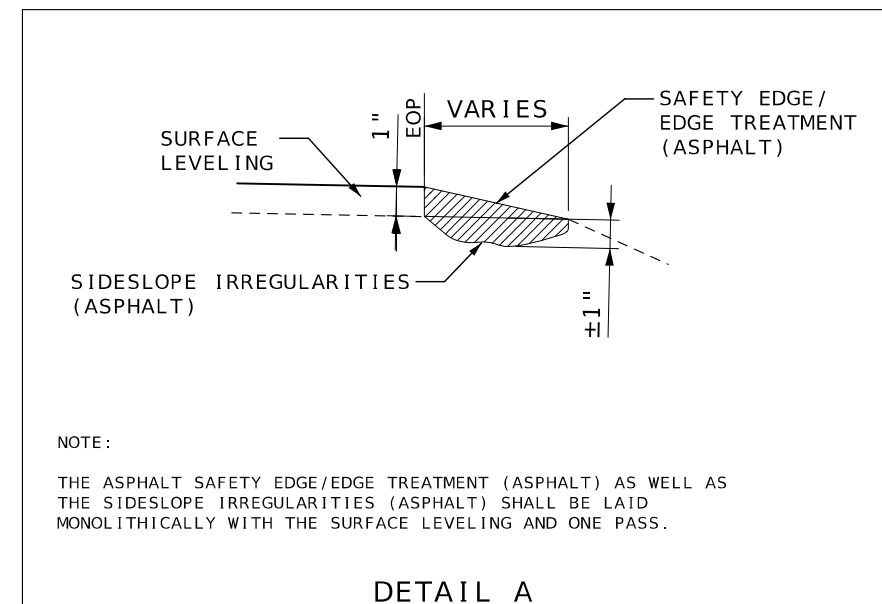
† BRIDGE A6071 EXCEPTION
LOG MI. 1.629 TO 1.699

DETAIL A
(TYP.)

EXISTING EARTH
SHOULDER

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

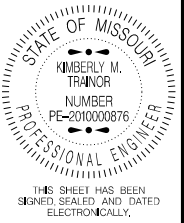
ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY
TACK COAT (COLDMILLED SURFACE) = 0.10 GALLON / SY



NOTE:

THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A



DATE PREPARED 9/5/2023	
ROUTE V	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY RALLS	
JOB NO. J2S3420	
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 SECTION SHEET
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)									
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
0.000	0.069	364.32	1.00	38	1538	83.2	-	153.8	BEG PROJECT
0.069	1.417	7117.44	1.00	22	17398	941.4	1001.0	488.5	
1.417	1.629	1119.36	1.00	22-24	2736	148.0	208.2	13.3	BRIDGE A6071
1.699	1.879	950.40	1.00	24-22	2429	131.4	183.7	13.3	
1.879	4.475	13706.88	1.00	22	33506	1813.0	2680.5	-	
4.475	4.487	63.36	1.00	VARIES	420	22.7	33.6	-	END PROJECT
0.000	4.487	23691.36	-	-	-	673.1	-	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
0.438	4.487	21378.72	-	-	-	257.1	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
SUBTOTAL						4,069.9	4,107.0	668.9	
TOTAL						4,069.9	4,776		

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.438	0.447	50.00	1.00	22	122	NEW LONDON
1.620	1.629	50.00	1.00	24	133	BRIDGE A6071
1.699	1.708	50.00	1.00	24	133	BRIDGE A6071
TOTAL					388	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	COLDMILLING SY	REMARKS
0.000	0.069	364.32	1.00	38	1538	BEG PROJECT
0.069	0.438	1948.32	1.00	22	4763	
TOTAL					6,301	

AGGREGATE ENTRANCES					
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS	REMARKS
0.000	4.487	26	2.0	52.0	PRIVATE AND FIELD ENTRANCES
0.000	4.487	7	4.0	28.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES
TOTAL				80.0	

DURABLE INTERSECTION MARKING		
PREFORMED THERMOPLASTIC PAVEMENT MARKING		
LOG MILE	6" WHITE LIN. FT.	REMARKS
0.000	140	CROSSWALK - INCLUDES 2, 70 FT MARKINGS
TOTAL	140	

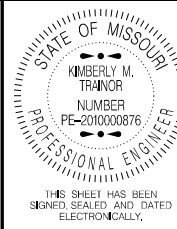
PAVEMENT MARKINGS							
LOG MILE	LOG MILE	LOCATION	STANDARD WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" YELLOW INTERMITTENT CENTERLINE L.F.	4" YELLOW SOLID/INTERMITTENT CENTERLINE L.F.	4" YELLOW DOUBLE SOLID CENTERLINE L.F.	4" WHITE SOLID EDGELINE L.F.	
0.000	1.809	RTE V			19,103		EBL INTERMITTENT AND WBL SOLID
1.809	1.987	RTE V		1,175			
1.987	2.069	RTE V	110				
2.069	2.239	RTE V		1,122			EBL SOLID AND WBL INTERMITTENT
2.239	3.191	RTE V			10,053		
3.191	3.275	RTE V		554			EBL INTERMITTENT AND WBL SOLID
3.275	3.367	RTE V			972		
3.367	3.447	RTE V		528			EBL SOLID AND WBL INTERMITTENT
3.447	3.701	RTE V			2,682		
3.701	3.874	RTE V		1,142			EBL INTERMITTENT AND WBL SOLID
3.874	3.999	RTE V		825			EBL SOLID AND WBL INTERMITTENT
3.999	4.039	RTE V	60				
4.039	4.173	RTE V		884			EBL INTERMITTENT AND WBL SOLID
4.173	4.256	RTE V	110				
4.256	4.425	RTE V		1,115			EBL SOLID AND WBL INTERMITTENT
4.425	4.487	RTE V			655		
0.558	4.487	RTE V				41,490	
SUBTOTAL			280	7,345	33,465	41,490	
TOTAL				41,090		41,490	
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING							

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 5 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	6	96.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
56	CONST-7	48 X 24	8.00	3	24.00	RATE OUR WORK ZONE
36	W08-11	48 X 48	16.00	10	160.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 0 TOTAL						
2	W020-1	48 X 48	16.00	0	0.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	0	0.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	0	0.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	0	0.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 4 TOTAL						
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	4	64.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	4	35.00	PILOT CAR IN USE WAIT & FOLLOW
(616-10.05) CONSTRUCTION SIGNS TOTAL					813.26	
(616-10.05) CONSTRUCTION SIGNS TOTAL (USE)					814	

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

MOBILIZATION
1 LUMP SUM

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)
612-3000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)



DATE PREPARED 7/27/2023	
ROUTE V	STATE MO
DISTRICT NE	SHEET NO. 3

COUNTY RALLS
JOB NO. J2S3420
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

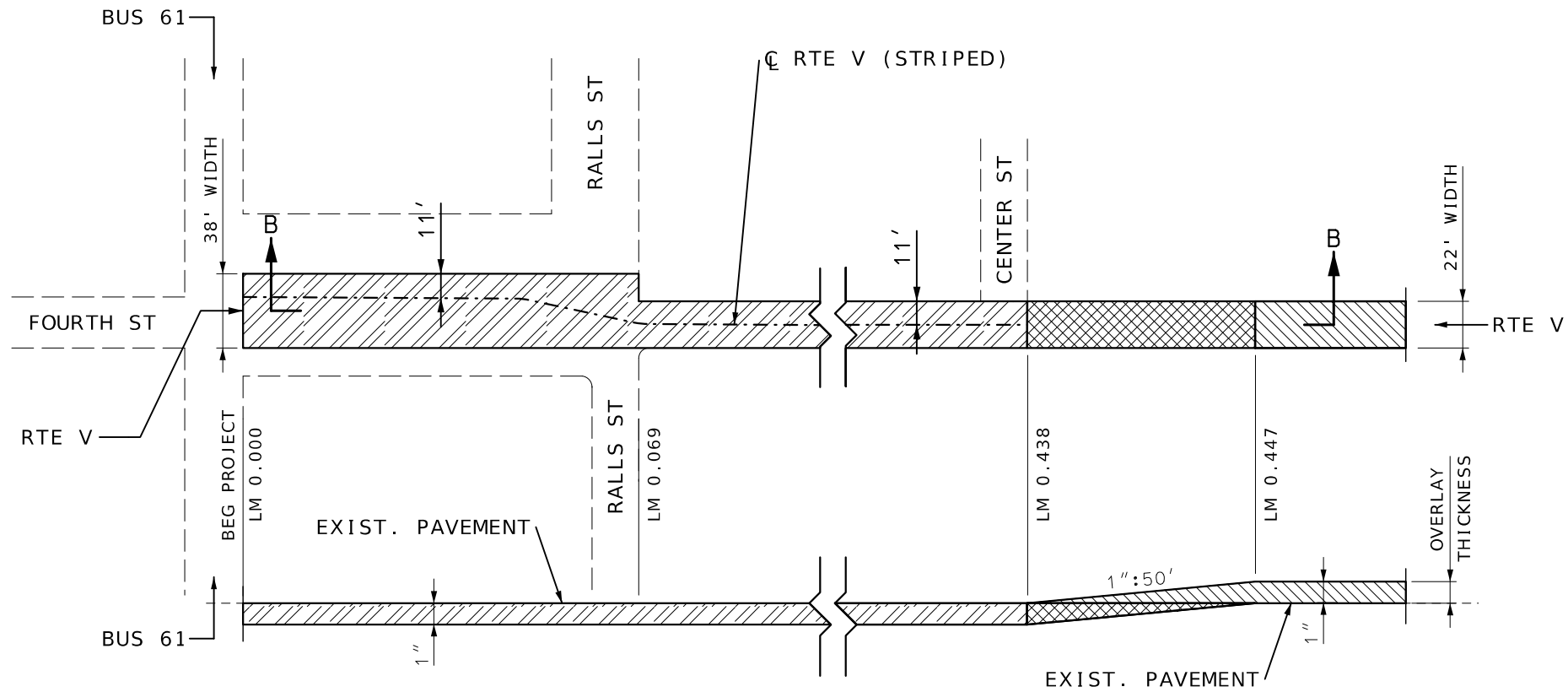
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

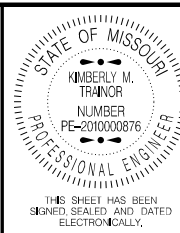
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



NOTE: OVERLAY AND COLDMILLING MATCH EXISTING RTE V AND CENTERLINE STRIPE

LEGEND

- COLDMILL AND OVERLAY
- OVERLAY
- MODIFIED COLDMILLING



DATE PREPARED 7/27/2023	
ROUTE V	STATE MO
DISTRICT NE	SHEET NO. 4
COUNTY RALLS	
JOB NO. J2S3420	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

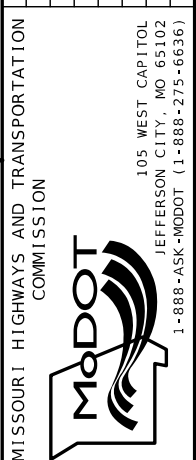
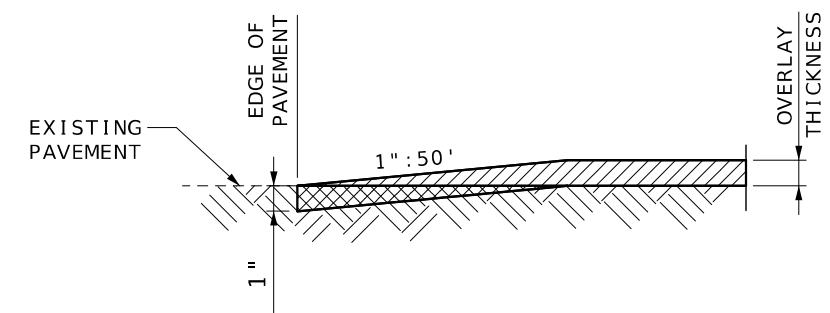
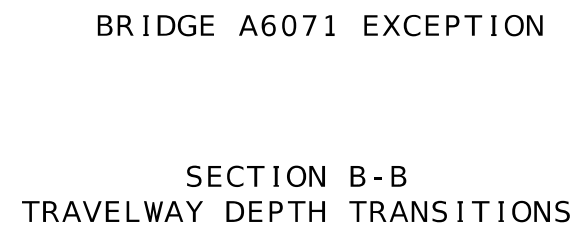
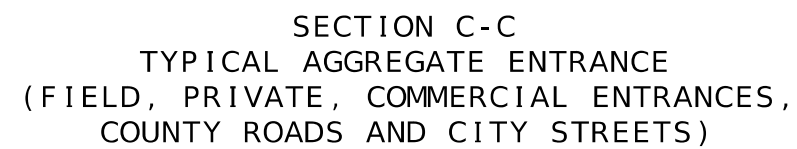
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

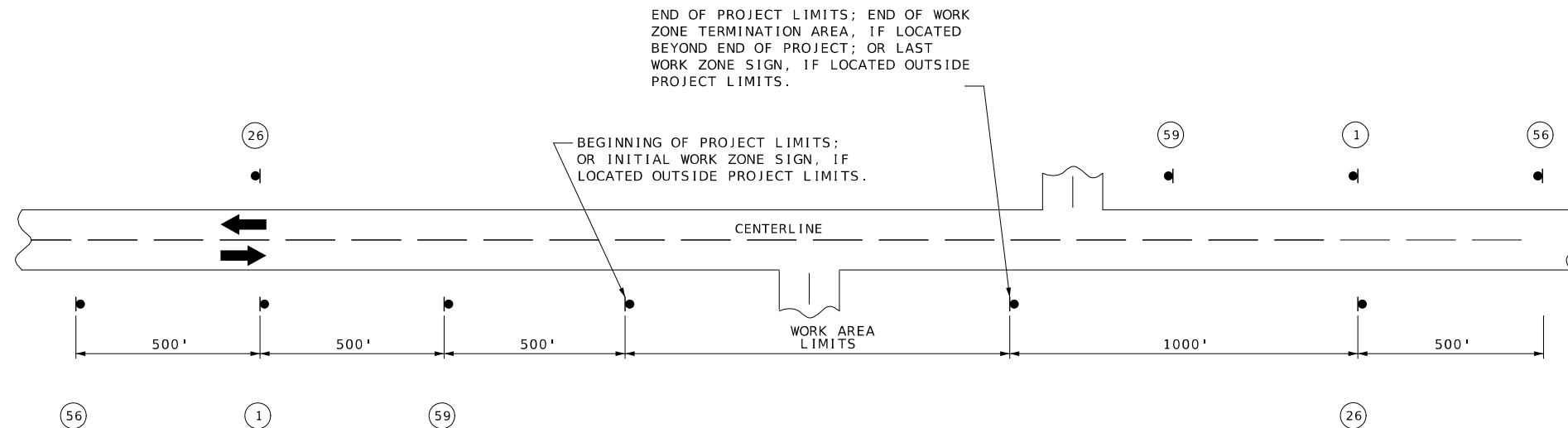
SPECIAL SHEET
SHEET 1 OF 2
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPECIAL SHEET
SHEET 2 OF 2
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-8

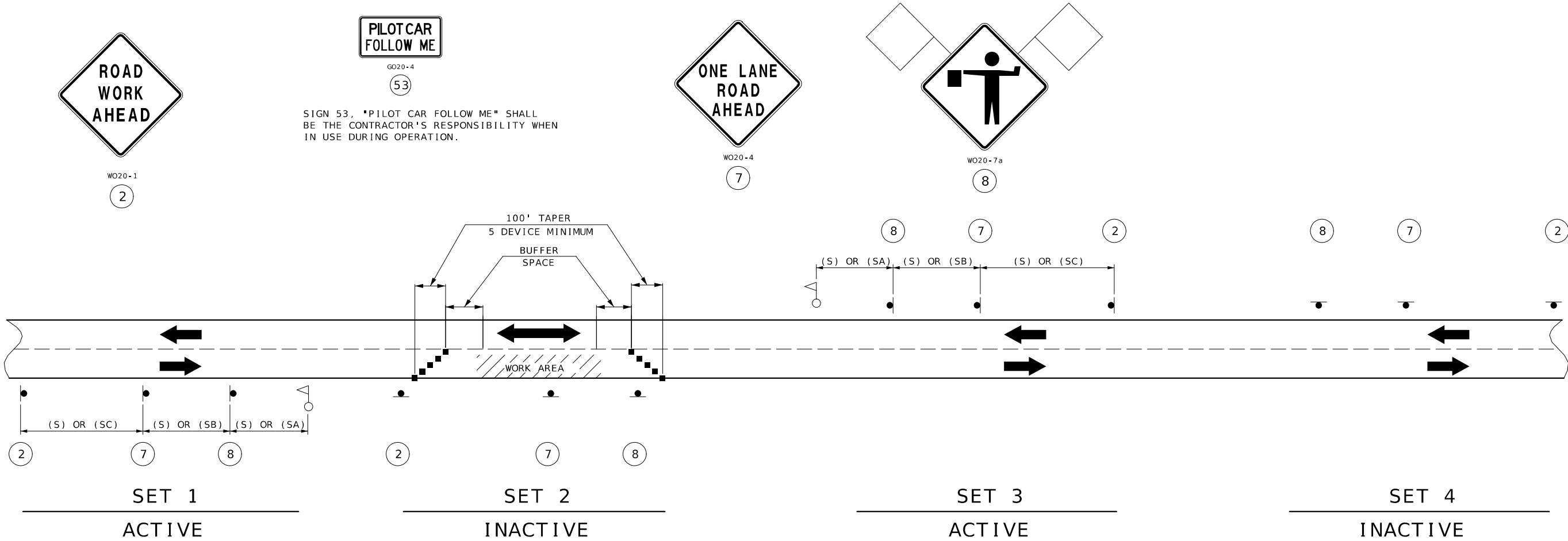
59

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TEMPORARY TRAFFIC CONTROL
DURATION OF PROJECT
SHEET 1 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI
KIMBERLY M. TRAYNOR
NUMBER
PE-2010000876
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/27/2023

ROUTE
V

STATE
MO

DISTRICT
NE

SHEET NO.
7

COUNTY
RALLS

JOB NO.
J2S3420

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

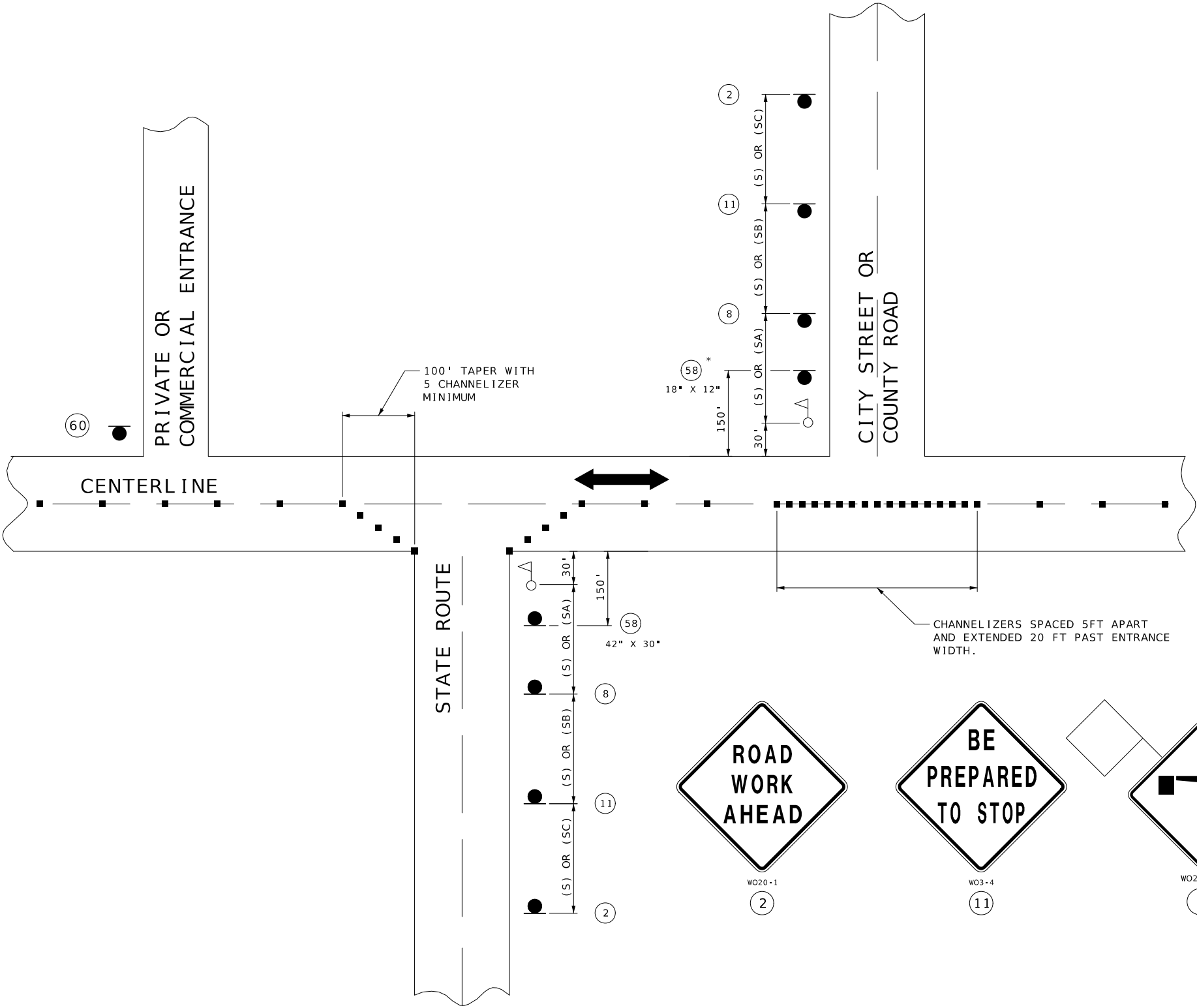
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TEMPORARY TRAFFIC CONTROL
LANE CLOSURE ON TWO-LANE HIGHWAY
SHEET 2 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO 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

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



DATE PREPARED 7/27/2023	
ROUTE V	STATE MO
DISTRICT NE	SHEET NO. 8
COUNTY RALLS	
JOB NO. J2S3420	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



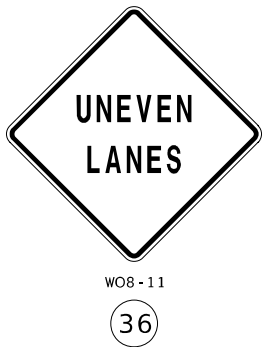
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SIDE ROAD ENTERING WORK ZONE
SHEET 3 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



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.

[illegible]



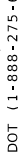
(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

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

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


NOTES :



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TEMPORARY TRAFFIC CONTROL
MOVING OPERATION ON HIGHWAY
SHEET 5 OF 5
NOT TO SCALE



STATE OF MISSOURI
KIMBERLY M.
TRAINOR
NUMBER
PE-2010000876
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY,

DATE PREPARED	
7/27/2023	
ROUTE	STATE
V	MO
DISTRICT	SHEET NO.
NE	10
COUNTY	
RALLS	
JOB NO.	
J2S3420	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

PROJECT NO.

BRIDGE NO.

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[illegible]

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4/5/20

TREATMENT	TIME	PERCENTAGE OF PLANTS SURVIVED (%)
Control	0	100
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Control	2	100
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Control	99	100
Control	100	100

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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.


A.A.D.T - 2022
WEST OF RTE 61 = 680
V = 55 M.P.H

A.A.D.T - 2022
EAST OF RTE 61 = 1,112
V = 25 M.P.H

T55N, T56N - R07W, R06W. R05W



TITLE SHEET ----- 1
TYPICAL SECTIONS (TS) (1 SHEET)----- 2
QUANTITIES (QU) (3 SHEETS)-----3
SPECIAL SHEET (SS) (1 SHEET)----- 4
TRAFFIC CONTROL (TC)-----5-12



STATE OF MISSOURI

KIMBERLY M.
TRAINOR

NUMBER
PE-2010000876

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY,

DATE PREPARED	
7/28/2023	
ROUTE	STATE
A	MO
DISTRICT	SHEET /
NE	1
COUNTY	
RALLS	
JOB NO.	
JNE0011	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

BEGINNING OF PROJECT	LOG MILE	0.000
END OF PROJECT	LOG MILE	18.216

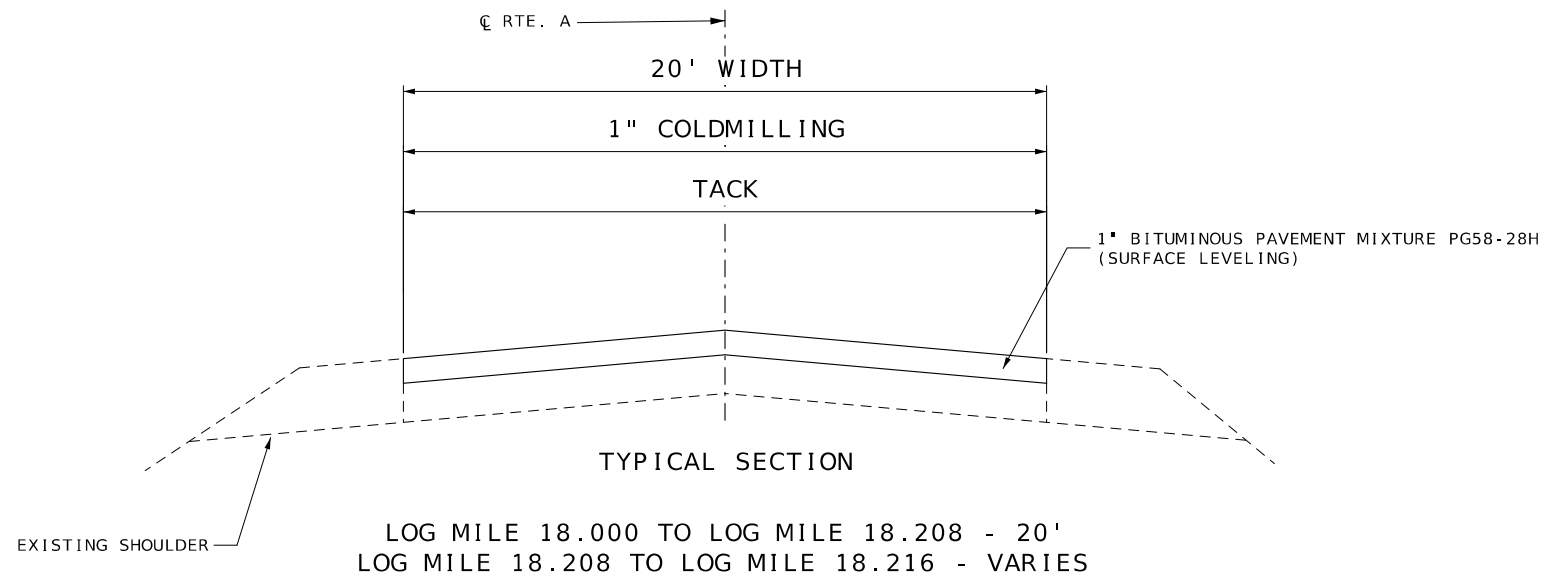
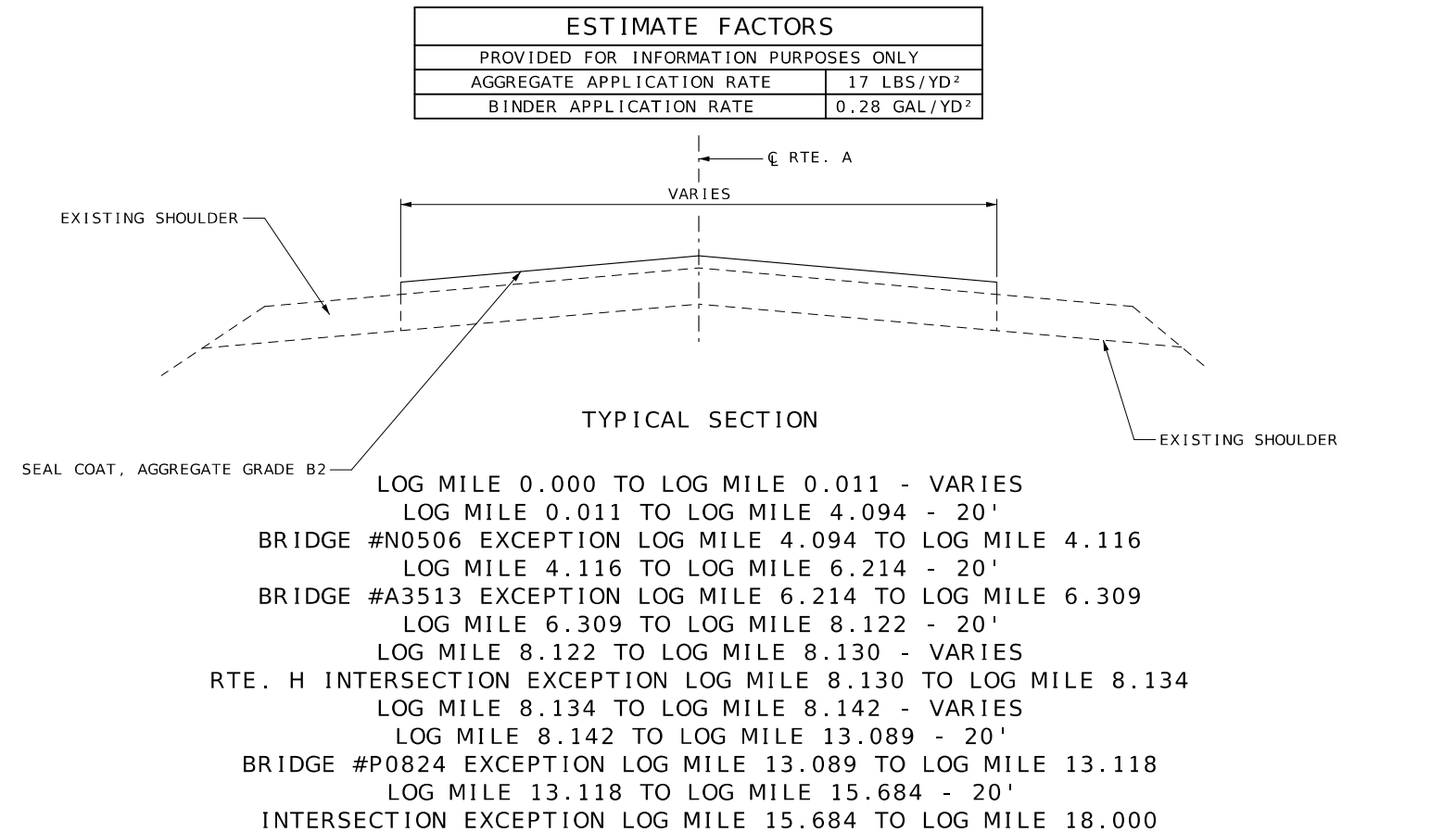
APPARENT LENGTH	18.216	MILES
EQUATIONS AND EXCEPTIONS:		
BRIDGE #N0506 EXCEPTION	0.022	MILES
BRIDGE #A3513 EXCEPTION	0.095	MILES
ROUTE H INTERSECTION	0.004	MILES
BRIDGE #P0824 EXCEPTION	0.029	MILES
HIGHWAY 61 INTERSECTION	2.316	MILES

TOTAL CORRECTIONS	2.466 MILES
NET LENGTH OF PROJECT	15.750 MILES
STATE LENGTH	15.750 MILES

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

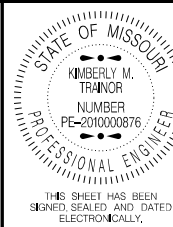
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



ESTIMATE FACTORS	
PROVIDED FOR INFORMATION PURPOSES ONLY	
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY	
TACK COAT (COLDMILLING SURFACE) = 0.10 GAL/SY	

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



DATE PREPARED 7/28/2023	
ROUTE A	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY RALLS	
JOB NO. JNE0011	
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 SECTION
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SEAL COAT QUANTITIES							
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	AVERAGE WIDTH FEET	SEAL COAT AGGREGATE, GRADE A2 SY (1.0)	EMULSIFIED ASPHALT, SEAL COAT GALLONS (10.0)	REMARKS
0.000	0.011	RTE. A	0.011	VARIES	345.40	96.70	RTE. A AND RTE. J INTERSECTION, SEE SPECIAL SHEET 1
0.011	4.094	RTE. A	4.083	20	47,907.20	13,414.00	BRIDGE #N0506
4.116	6.214	RTE. A	2.098	20	24,616.50	6,892.60	BRIDGE #N0506 TO BRIDGE #A3513
6.309	8.122	RTE. A	1.813	20	21,272.50	5,956.30	BRIDGE #A3513 TO RTE. H INTERSECTION
8.122	8.130	RTE. A	0.008	VARIES	240.80	67.40	RTE. A AND RTE. H INTERSECTION, SEE SPECIAL SHEET 1
8.134	8.142	RTE. A	0.008	VARIES	273.70	76.60	RTE. A AND RTE. H INTERSECTION, SEE SPECIAL SHEET 1
8.142	13.089	RTE. A	4.947	20	58,044.80	16,252.50	RTE. H INTERSECTION TO BRIDGE #P0824
13.118	15.684	RTE. A	2.566	20	30,107.70	8,430.20	BRIDGE #P0824 TO HWY. 61 INTERSECTION
				TOTAL	182,808.60	51,186.30	
				USE	182,809.00	51,190.00	
FACTOR USED FOR EMULSIFIED ASPHALT = 0.28 GALLONS/S.Y.							

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.10 GAL/ SQ. YD. (GAL)	REMARKS
18.000	18.208	1098.24	1.00	20	2441	132.1	244.1	
18.208	18.216	42.24	1.00	VARIES	255	13.8	25.5	END PROJECT
					SUBTOTAL	145.9	269.6	
					TOTAL	145.9	270	

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3IN THICK OR LESS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
18.000	18.208	1098.24	1.00	20	2441	
18.208	18.216	42.24	1.00	VARIES	255	END PROJECT
				SUBTOTAL	2,696	
				TOTAL	2,696	

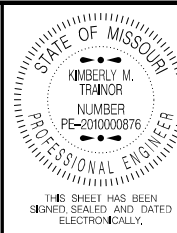
MOBILIZATION
LUMP SUM 1

ITEM NO.	QTY.	DESCRIPTION
612-30.00A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
616-10.25	125	CHANNELIZERS (TRIM-LINE)
616-10.30	16	TYPE III MOVEABLE BARRICADE
616-10.98A	2	CHANGEABLE MESSAGE SIGN

- * IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- ** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 6 OF 8 AND AS DIRECTED BY THE ENGINEER.
- *** FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT AND AT ONE MILE INTERVALS. SIGNS SHOULD ALSO BE INSTALLED AFTER THE INTERSECTION OF A STATE ROUTE. ADDITIONAL SIGNS MAY BE INSTALLED AFTER OTHER INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

CONSTRUCTION SIGNS						
SIGN NO.	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
* 1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 16 MILES
** 2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	16	256.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
56	CONST-7	48 X 24	8.00	2	16.00	RATE OUR WORK ZONE
***57	W08-7a	36 X 36	9.00	32	288.00	FRESH OIL LOOSE GRAVEL
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PACKAGE - NON-STATE ROUTE - 6 TOTAL						
2	W020-1	48 X 48	16.00	6	96.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	6	96.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	6	96.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	6	9.00	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PACKAGE - STATE ROUTE - 4 TOTAL						
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	4	64.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	4	35.00	PILOT CAR IN USE WAIT & FOLLOW
ASPHALT OPERATION						
2	W08-11	48 X 48	16.00	2	32.00	UNEVEN LANES
RTE A TEMPORARY ROAD CLOSURE						
20	W020-3	48 X 48	16.00	1	16.00	ROAD CLOSED AHEAD
21	W020-3	48 X 48	16.00	1	16.00	ROAD CLOSED 500 FT
29	R11-2	48 X 30	10.00	5	50.00	ROAD CLOSED
65	R11-3a	60 X 30	12.50	1	12.50	ROAD CLOSED 2 MILE AHEAD
(616-10.05) CONSTRUCTION SIGNS TOTAL					1,516.76	
(616-10.05) CONSTRUCTION SIGNS TOTAL (USE)					1,517.00	

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.



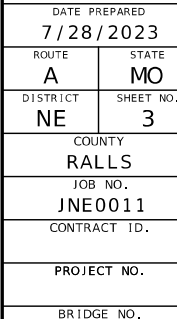
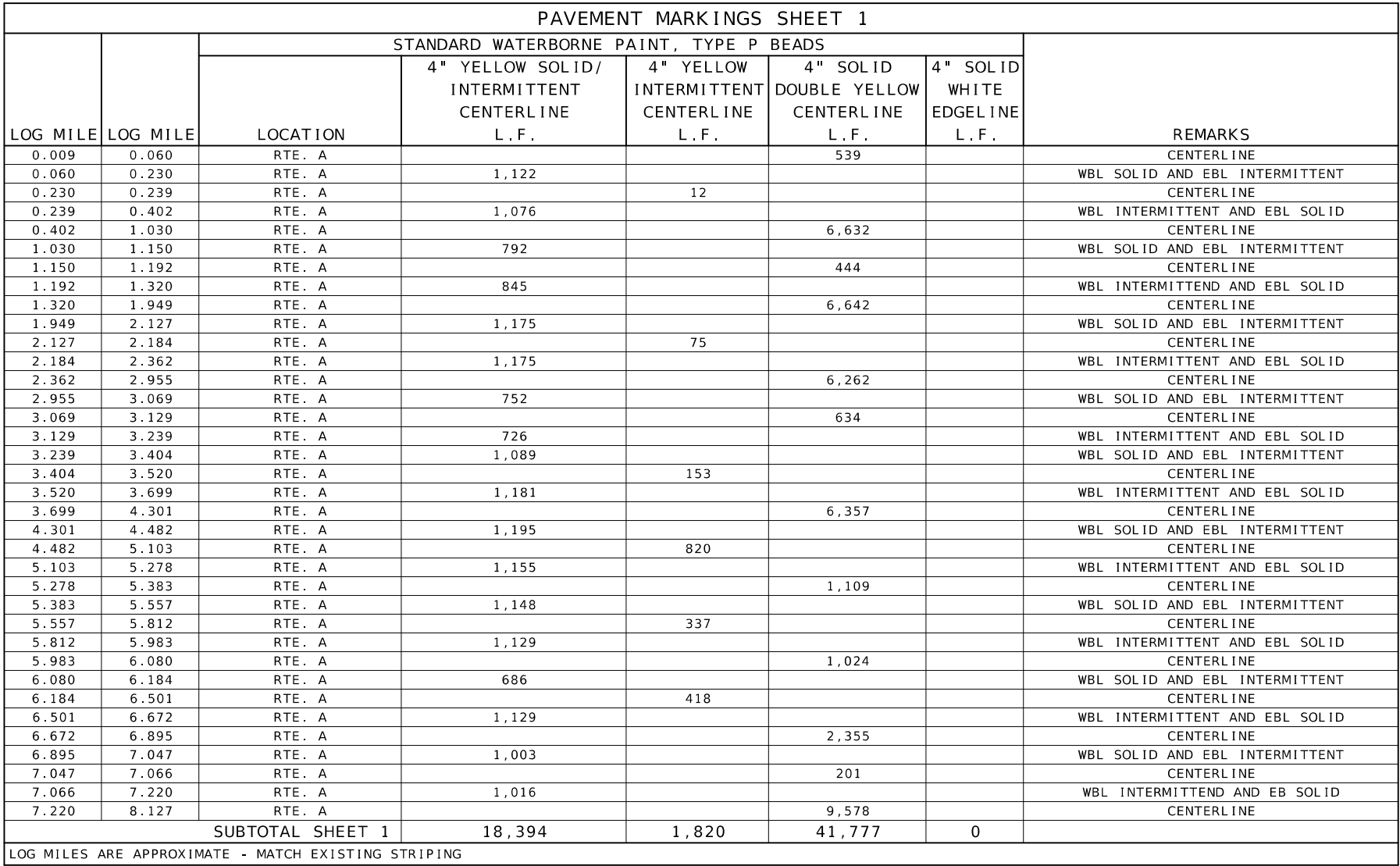
DATE PREPARED 7/31/2023	
ROUTE A	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY RALLS	
JOB NO. JNE0011	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

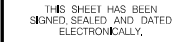


MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING



7/28/2023

A	MO
---	----

NE	3
----	---

RALLS

JNE0011

PROJECT NO.

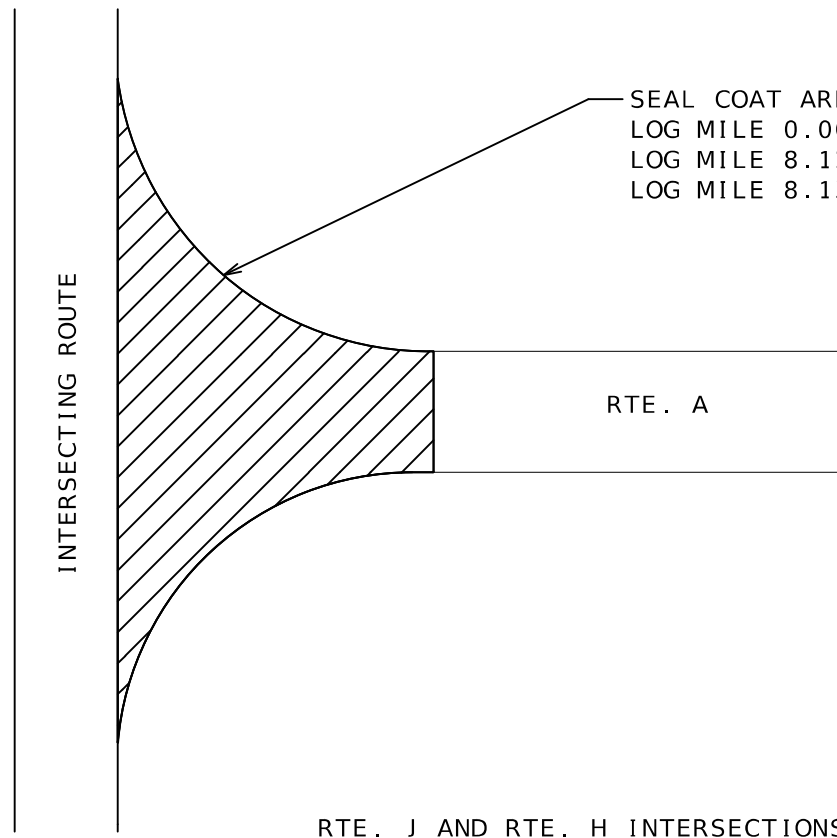
BRIDGE NO.

DATE

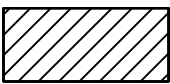


SUMMARY OF QUANTITIES
SHEET 3 OF 3

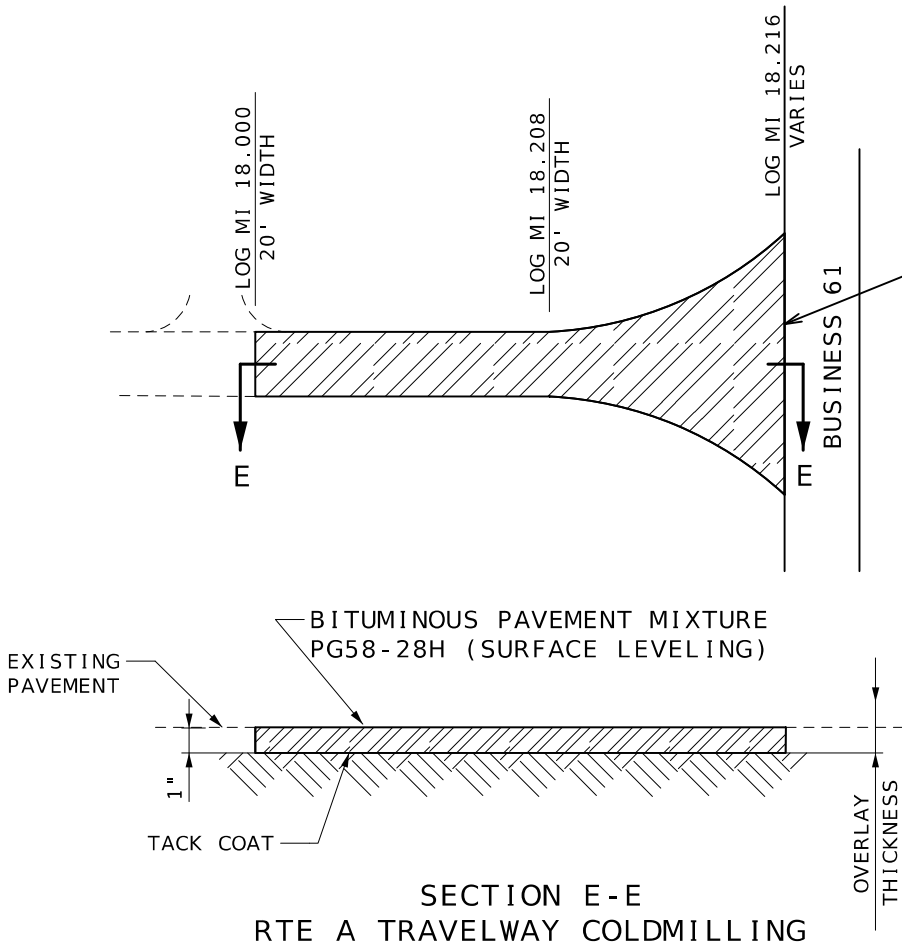
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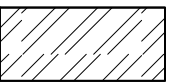
SEAL COAT AREAS:
LOG MILE 0.000 TO 0.011 - 345.4 SY - RTE A/J JUNCTION
LOG MILE 8.122 TO 8.130 - 240.8 SY - RTE H WEST JUNCTION
LOG MILE 8.134 TO 8.142 - 273.7 SY - RTE H EAST JUNCTION



LEGEND
SEAL COAT LOCATIONS
MEASURED BY AREA FOR
QUANTITIES PURPOSES.



COLDMILLING AREA:
LOG MILE 18.208 TO LOG MILE 18.216 - 255.00 SY



LEGEND
COLDMILLING / OVERLAY



DATE PREPARED 7/28/2023	
ROUTE A	STATE MO
DISTRICT NE	SHEET NO. 4
COUNTY RALLS	
JOB NO. JNE0011	
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)

SPECIAL SHEET
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



WO20-1
2

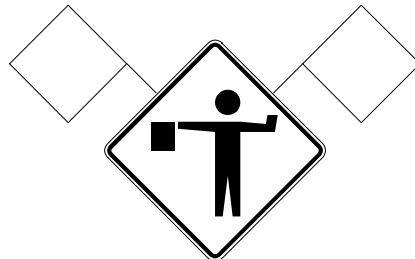


G020-4
53

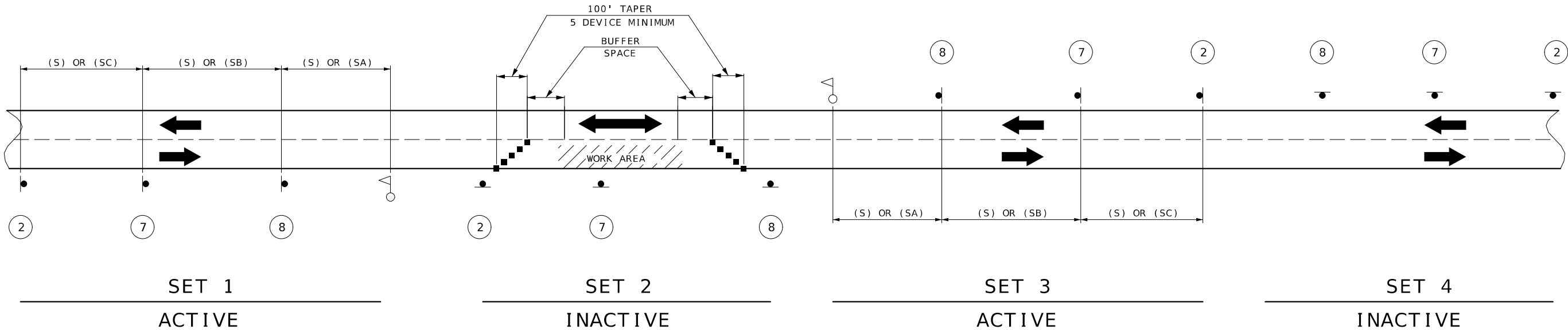
SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



WO20-4
7



WO20-7a
8



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

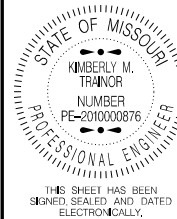
SPEED	SIGN SPACING (FT.) (1)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



DATE PREPARED
7/28/2023

ROUTE A STATE MO
DISTRICT NE SHEET NO. 6

COUNTY RALLS
JOB NO. JNE0011
CONTRACT ID.

PROJECT NO.

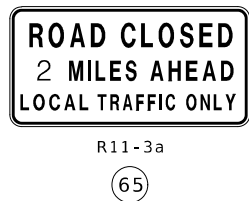
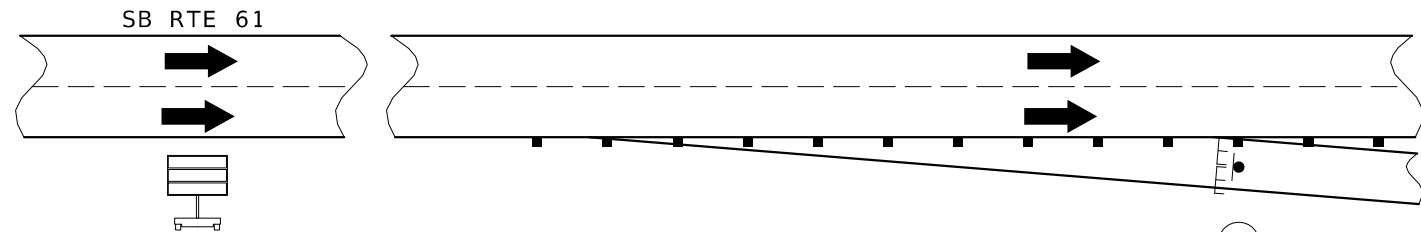
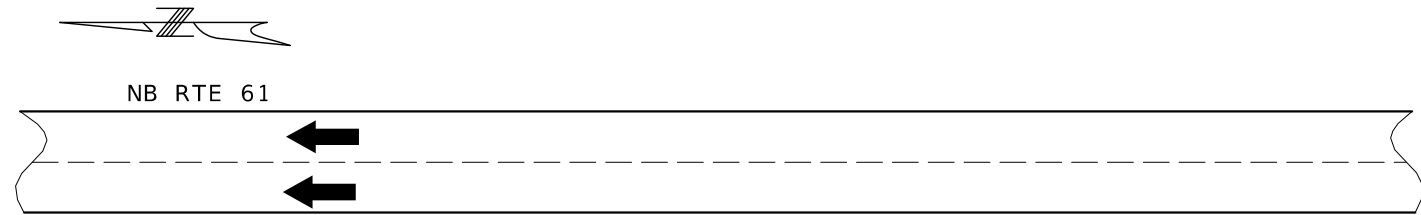
BRIDGE NO.

DESCRIPTION	DATE

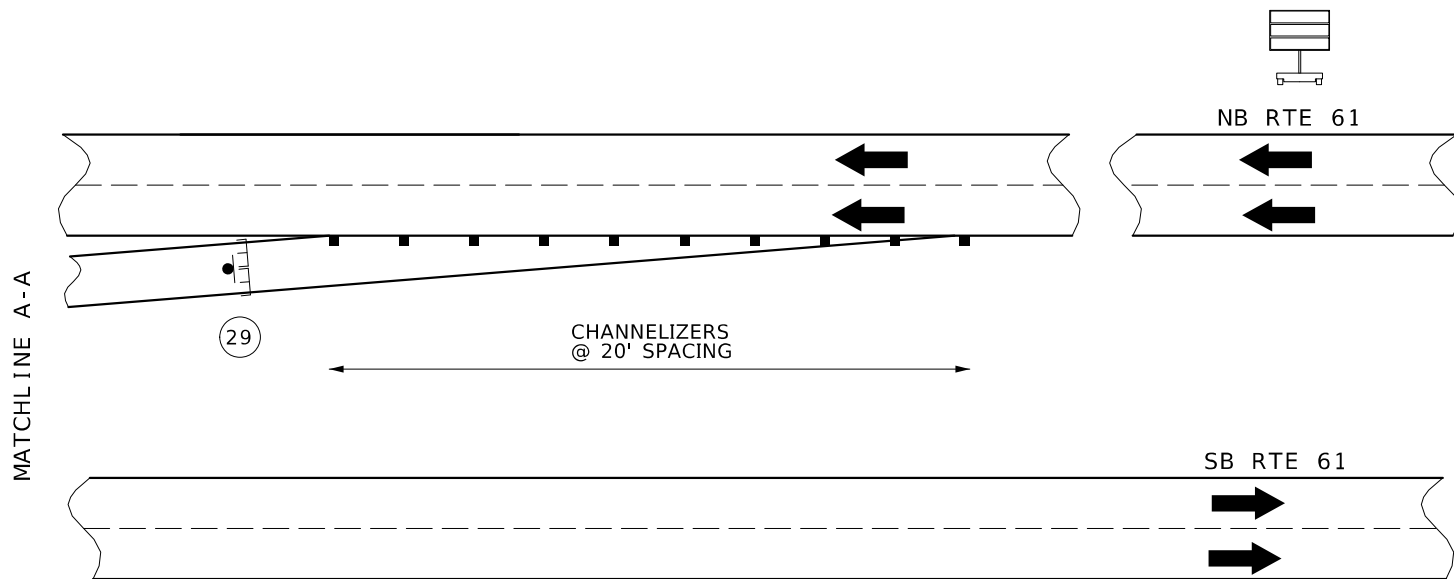
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SEAL COAT APPLICATION
SHEET 2 OF 8
NOT TO SCALE

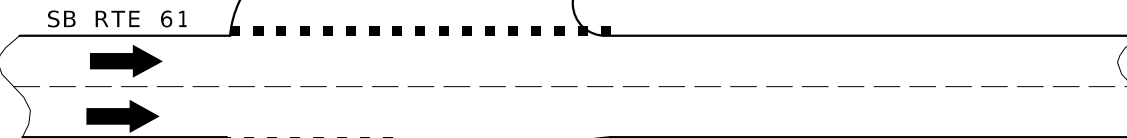
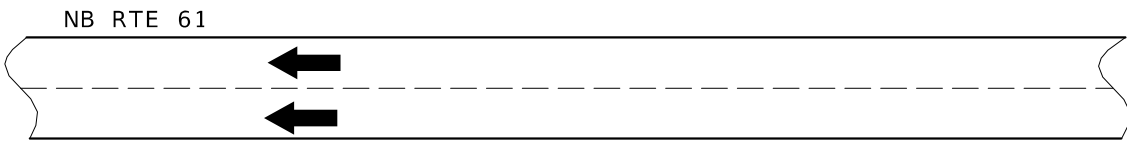
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- LEGEND
- CMS
 - CHANNELIZERS
 - TYPE III MOVEABLE BARRICADE

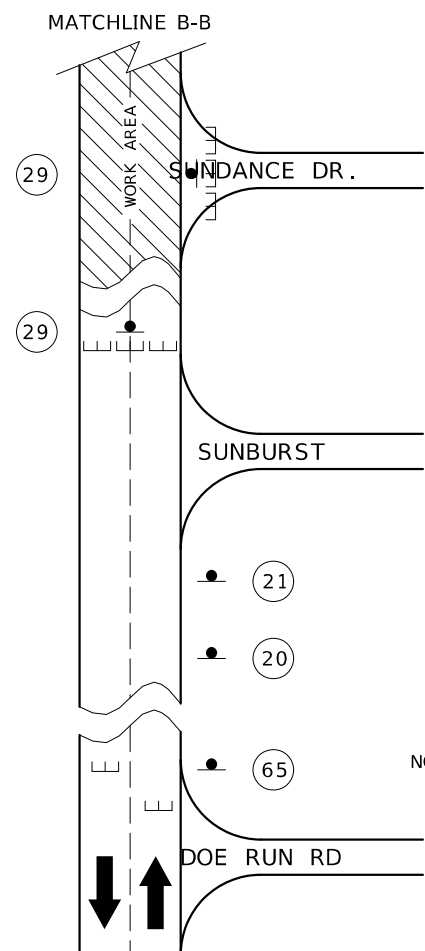


RTE A - TEMPORARY ROAD CLOSURE

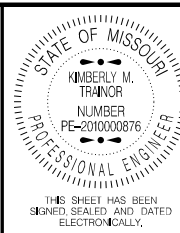


MATCHLINE A-A

MATCHLINE B-B



NOTE: SIGN 20, 21 & 29 SHALL BE SPACED AT 500' OR AS DIRECTED BY THE ENGINEER



DATE PREPARED 7/28/2023	
ROUTE A	STATE MO
DISTRICT NE	SHEET NO. 7
COUNTY RALLS	
JOB NO. JNE0011	
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)

TEMPORARY TRAFFIC CONTROL
SEAL COAT APPLICATION
SHEET 3 OF 8
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PILOT CAR
FOLLOW ME

GO20-4

53

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



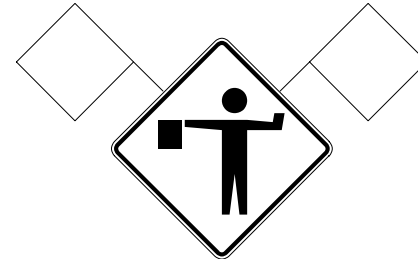
WO20-1

2



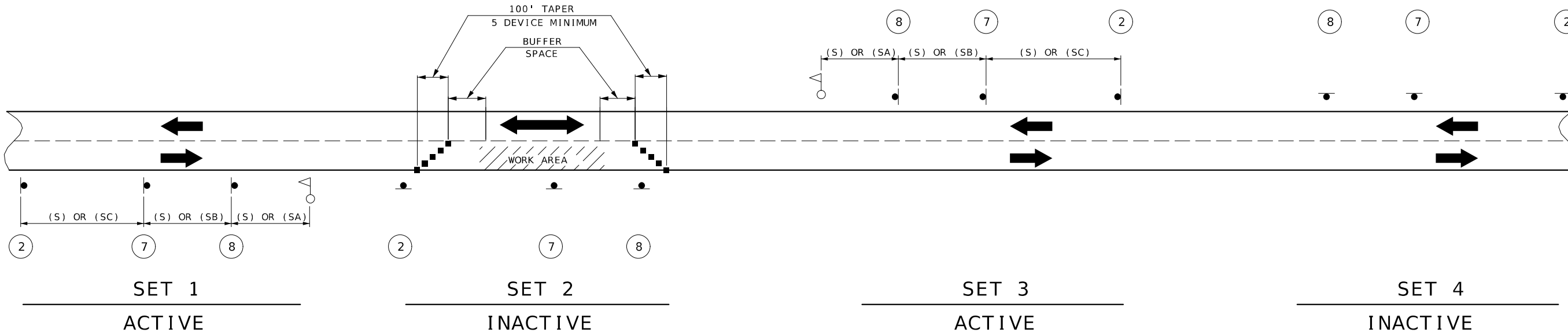
WO20-4

7



WO20-7a

8



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

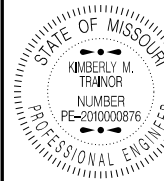
SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/28/2023

ROUTE A STATE MO

DISTRICT NE SHEET NO. 8

COUNTY
RALLS

JOB NO.
JNE0011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

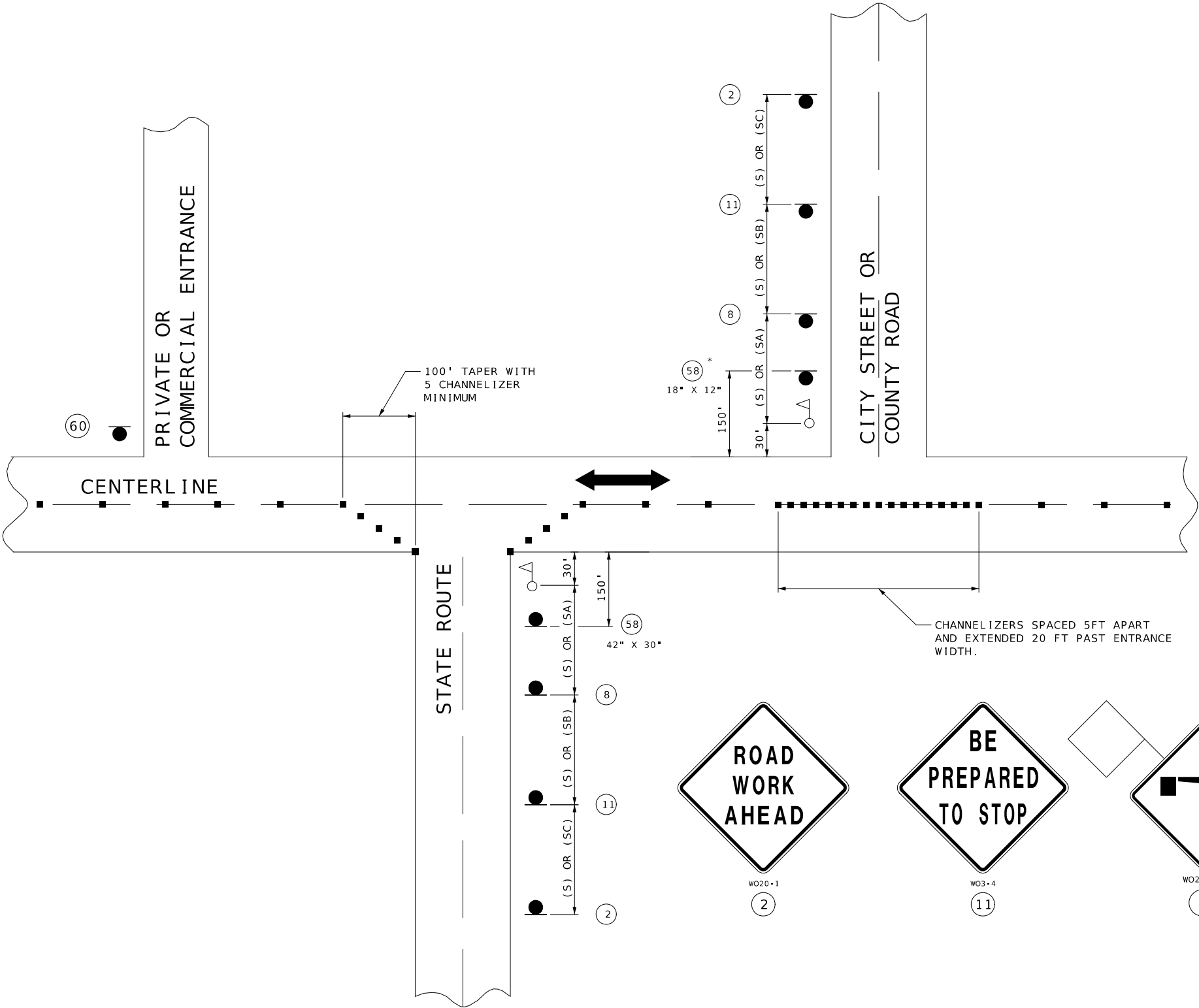
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

TEMPORARY TRAFFIC CONTROL
ADDITIONAL SWEEPING OPERATION
SHEET 4 OF 8
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO 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



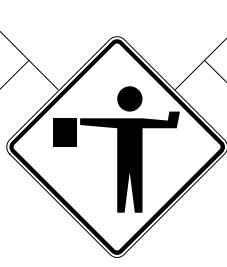
W020-1

2



W03-4

11



W020-7a

8



G020-4a

58



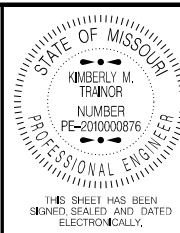
SPECIAL

60

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



DATE PREPARED
7/28/2023

ROUTE STATE
A MO

DISTRICT SHEET NO.
NE 9

COUNTY
RALLS

JOB NO.
JNE0011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

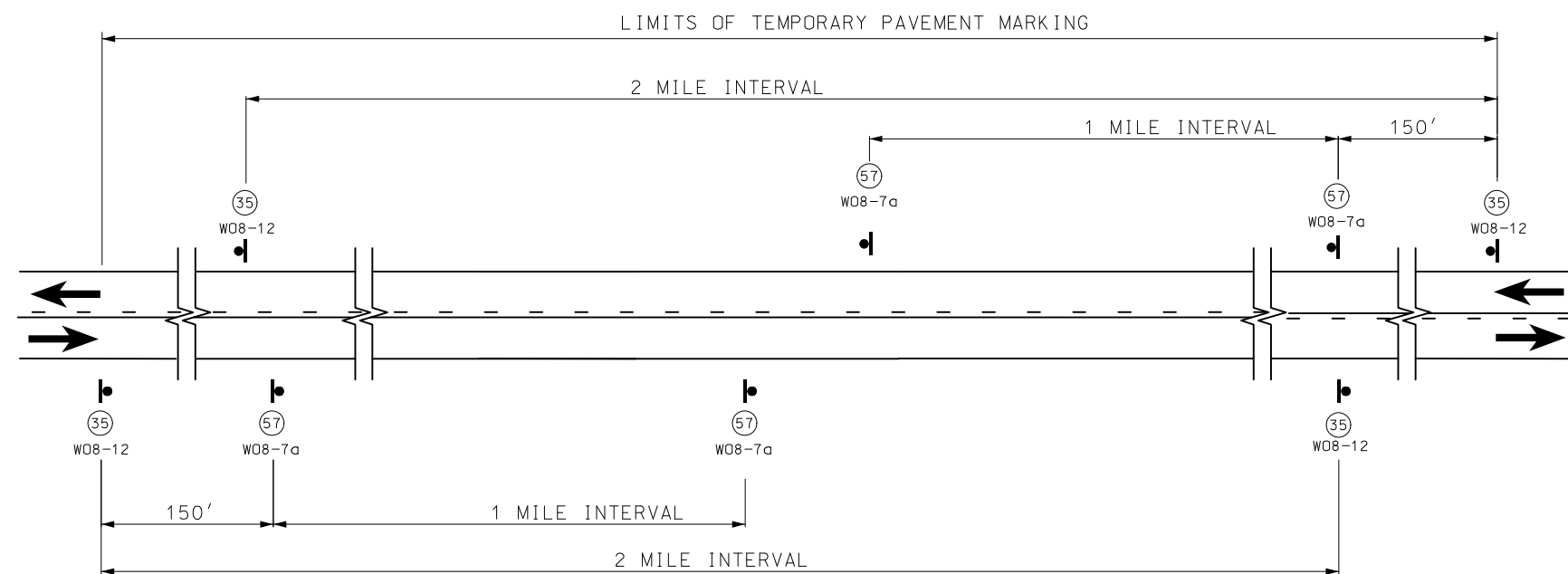
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

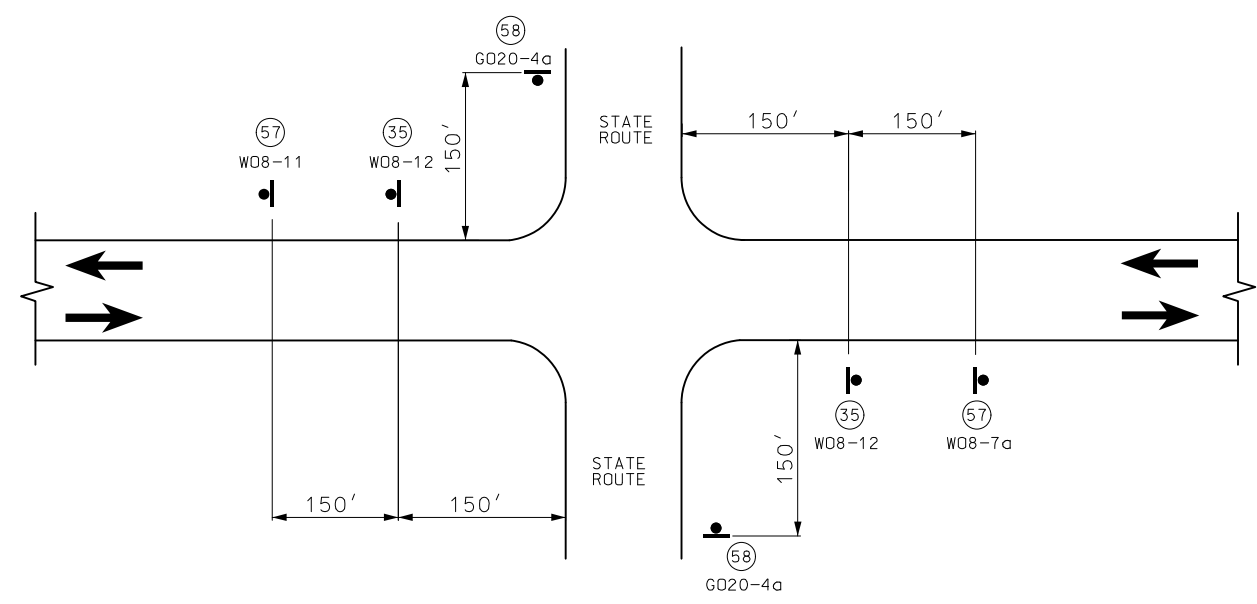
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
SHEET 5 OF 8
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

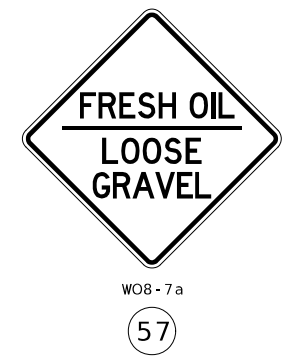
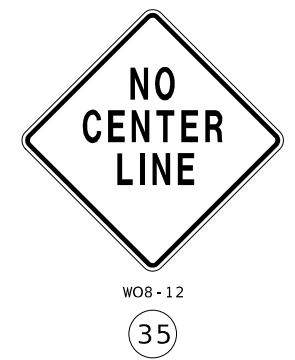


SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



NOTES:

SIGN (35) AND TEMPORARY 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.

STATE OF MISSOURI
KIMBERLY M. TRAINOR
NUMBER
PE-2010000876
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/28/2023

ROUTE
A

STATE
MO

DISTRICT
NE

SHEET NO.
10

COUNTY
RALLS

JOB NO.
JNE0011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

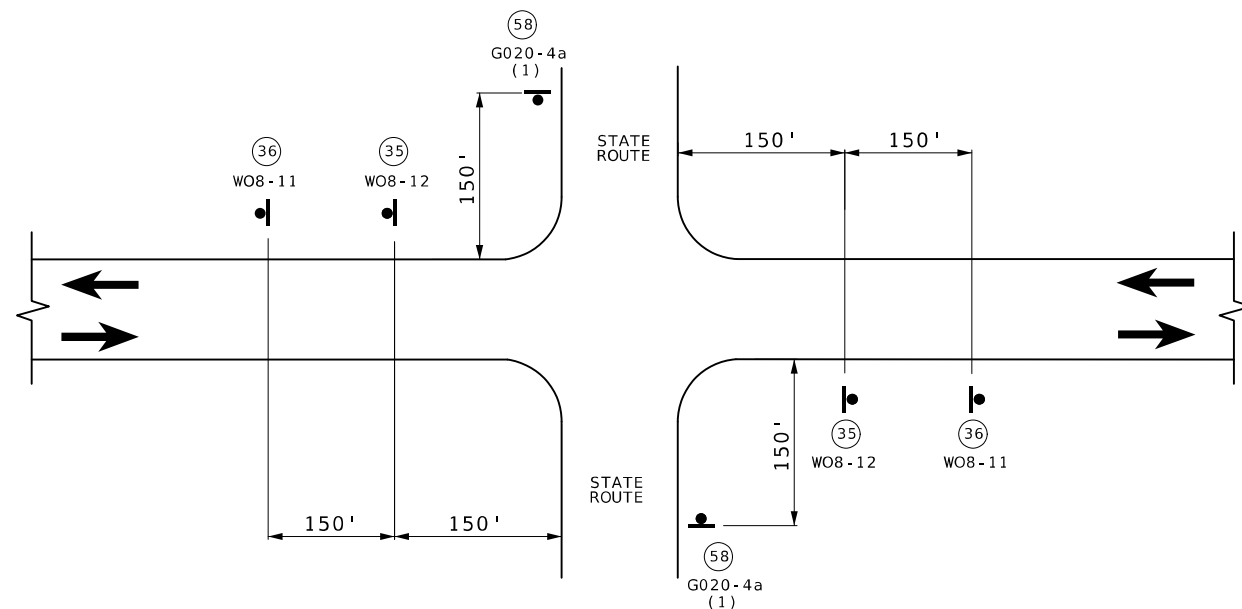
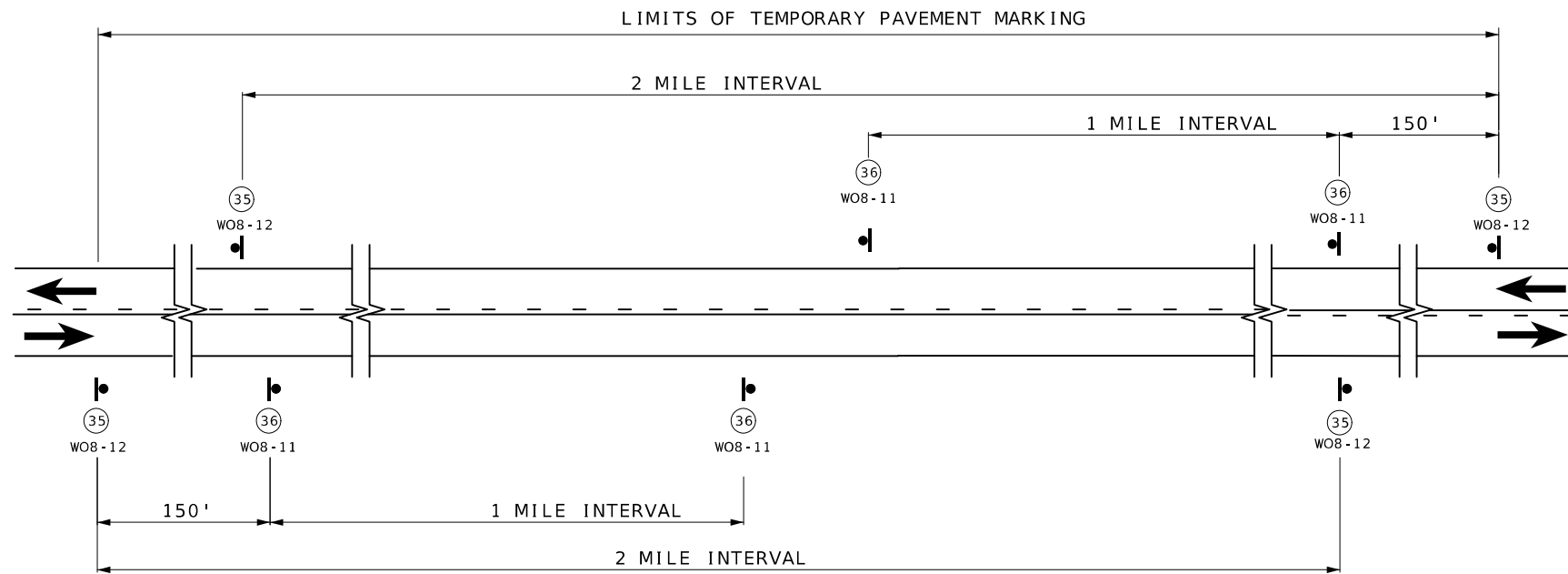
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

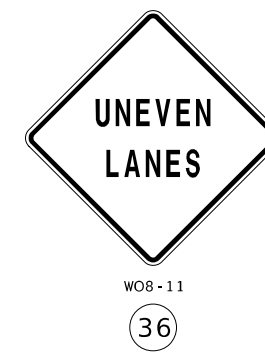
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY TRAFFIC CONTROL
NO CENTERLINE
SHEET 6 OF 8
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.

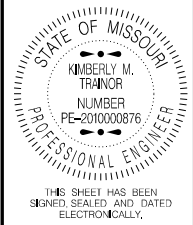


NOTES:

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.



DATE PREPARED
7/28/2023

ROUTE A	STATE MO
------------	-------------

DISTRICT	SHEET NO.
NE	11

COUNTY
RALLS

JOB NO.
JNE0011

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TEMPORARY TRAFFIC CONTROL
TEMPORARY PAVEMENT MARKING DETAIL
SHEET 7 OF 8
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

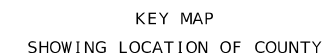


(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

TEMPORARY TRAFFIC CONTROL
PERMANENT STRIPING
SHEET 8 OF 8
NOT TO SCALE

A.A.D.T - 2022 = 552
V = 55 M.P.H

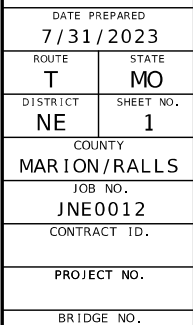
T57N-T55N, R4W



SCALE IN MILES

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-6
TRAFFIC CONTROL SHEETS (TC)-----	7-11

TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-6
TRAFFIC CONTROL SHEETS (TC)-----	7-11

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

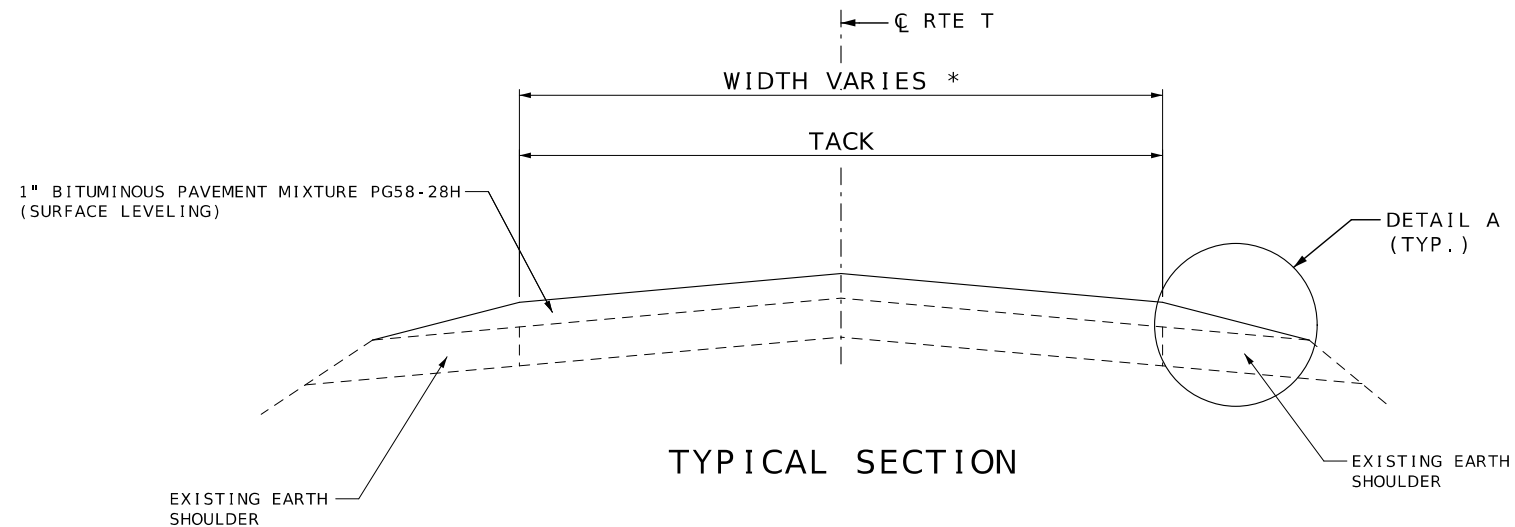
RTE T

BEGIN OF PROJECT	LOG MILE 0.818
END OF PROJECT	LOG MILE 8.541
APPARENT LENGTH	7.723 MILES

NONE

TOTAL CORRECTIONS	0.000 MILES
NET LENGTH OF PROJECT	7.723 MILES
STATE LENGTH	7.723 MILES

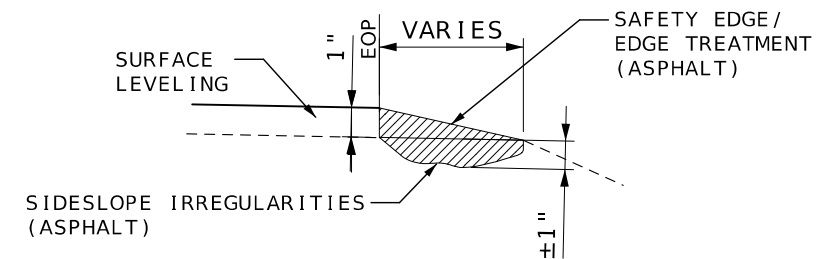
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- * LOG MI. 0.818 TO 7.072 - 21'
- * LOG MI. 7.072 TO 8.541 - 22'

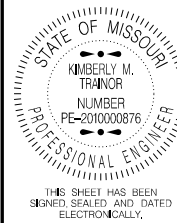
NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (SURFACE LEVELING) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY



NOTE:
THE ASPHALT SAFETY EDGE/EDGE TREATMENT (ASPHALT) AS WELL AS
THE SIDESLOPE IRREGULARITIES (ASPHALT) SHALL BE LAID
MONOLITHICALLY WITH THE SURFACE LEVELING AND ONE PASS.

DETAIL A



DATE PREPARED 9/5/2023	
ROUTE T	STATE MO
DISTRICT NE	SHEET NO. 2
COUNTY MARION/RALLS	
JOB NO. JNE0012	
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

TYPICAL SECTION SHEET
SHEET 1 OF 1
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

1" BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING)								
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	AREA (SQ YD)	1" SURFACE LEVELING @ 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	REMARKS
0.818	7.072	33021.12	1.00	21	77049	4169.2	6163.9	BEG PROJECT
-	-	50.00	1.00	22	122	6.6	9.8	RTE N
7.049	-	150.00	1.00	VARIES	875	47.3	70.0	RTE N JUNCTION
7.072	8.541	7756.32	1.00	22	18960	1025.9	1516.8	END PROJECT
0.818	8.541	40777.44	-	-	-	1158.5	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
0.818	8.541	40777.44	-	-	-	490.3	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
SUBTOTAL						6,897.8	7,760.5	
SUBTOTAL						55.6	91.0	PAVED ENTRANCES
TOTAL						6,953.4	7,852	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LENGTH (FT)	THICKNESS (IN)	WIDTH (FT)	MODIFIED COLDMILLING (SY)	REMARKS
0.818	0.827	50.00	1.00	21	117	BEG PROJECT
3.802	3.815	70.00	1.00	5	39	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE - LT.
4.314	4.324	54.00	1.00	5	30	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE - RT.
6.512	6.520	40.00	1.00	5	22	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE - LT.
-	-	50.00	1.00	22	122	RTE N
8.532	8.541	50.00	1.00	22	122	END PROJECT
SUBTOTAL					452	
SUBTOTAL					447	PAVED ENTRANCES
TOTAL					899	

MOBILIZATION
1 LUMP SUM

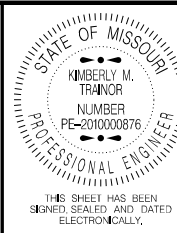
DURABLE INTERSECTION MARKING			
PREFORMED THERMOPLASTIC PAVEMENT MARKING			
LOG MILE	24" SOLID WHITE STOP BAR (LF)	6 IN. WHITE ISLANDS (LF)	REMARKS
7.058	12	75	RTE N
TOTAL	12	75	

AGGREGATE ENTRANCES				
LOG MILE	LOG MILE	NUMBER OF ENTRANCES	AVERAGE TONS PER ENTRANCE	GRAVEL A, CRUSHED STONE B 0.039 TON/SY/INCH TONS
0.818	8.541	89	2.0	178.0
0.818	8.541	33	4.0	132.0
TOTAL				310.0

REINSTALLING EXISTING SIGNS			
LOG MILE	LOCATION	REINSTALLING EXISTING SIGNS (EA)	REMARKS
7.058	RTE T - LEFT - RTE N INTERSECTION	1	REUSE STOP SIGN ASSEMBLY AND SIGN POST
TOTAL		1	

NOTE: SEE JSP FOR DETAILS. CONTRACTOR SHALL VERIFY POST TYPE AND BREAKAWAY ASSEMBLY REQUIRED.

STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCES						
LOG MILE	LOCATION	AREA (SY)	1" SURFACE LEVELING 1.948 TONS/CY (TONS)	TACK COAT 0.08 GAL/ SQ. YD. (GAL)	MODIFIED COLDMILLING (SY)	REMARKS
1.067	RT.	28	1.5	3	28	HELM ST
1.134	LT.	67	3.6	6	67	BRAMBLETT DR
1.258	RT.	17	0.9	2	17	
1.289	RT.	15	0.8	2	15	
1.382	RT.	9	0.5	1	9	
1.391	LT.	23	1.2	2	23	
1.459	LT.	23	1.2	2	23	
1.532	LT.	31	1.7	3	31	
2.491	LT.	17	0.9	2	17	
2.497	RT.	23	1.2	2	23	
2.594	RT.	105	5.7	9	-	PERSHING RD - ENTRANCE ALSO INCLUDES AGGREGATE
2.833	LT.	75	4.1	6	-	REVERE TRAIL - ENTRANCE ALSO INCLUDES AGGREGATE
2.835	RT.	9	0.5	1	9	
3.073	LT.	17	0.9	2	17	
3.356	LT.	70	3.8	6	-	ANTIOCH RD - ENTRANCE ALSO INCLUDES AGGREGATE
3.596	RT.	85	4.6	7	-	SCOTT'S LANE - ENTRANCE ALSO INCLUDES AGGREGATE
3.783	RT.	23	1.2	2	23	
3.813	LT.	45	2.4	4	45	
3.871	LT.	20	1.1	2	20	
4.575	LT.	100	5.4	8	-	WHITAKER LANE NORTH - ENTRANCE ALSO INCLUDES AGGREGATE
5.301	LT.	20	1.1	2	20	
6.241	LT.	150	8.1	12	-	WHITAKER LANE SOUTH - ENTRANCE ALSO INCLUDES AGGREGATE
6.605	LT.	23	1.2	2	23	
6.522	LT.	12	0.6	1	12	
6.784	RT.	25	1.4	2	25	
SUBTOTAL			55.6	91.0	447.0	



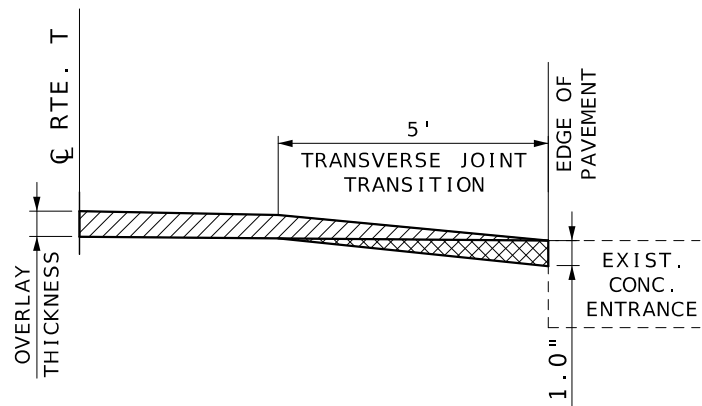
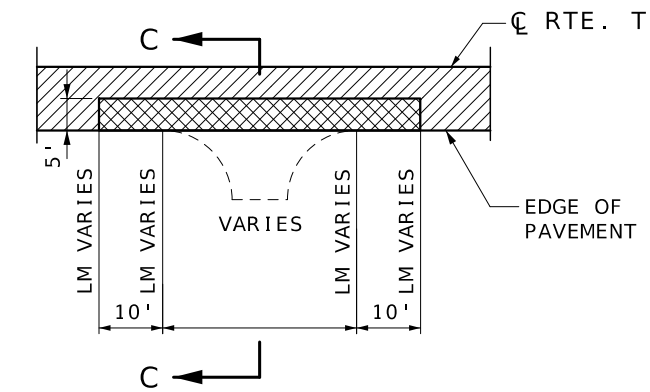
DATE PREPARED 7/28/2023	
ROUTE T	STATE MO
DISTRICT NE	SHEET NO. 3
COUNTY MARION/RALLS	
JOB NO. JNE0012	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE						




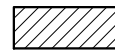

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

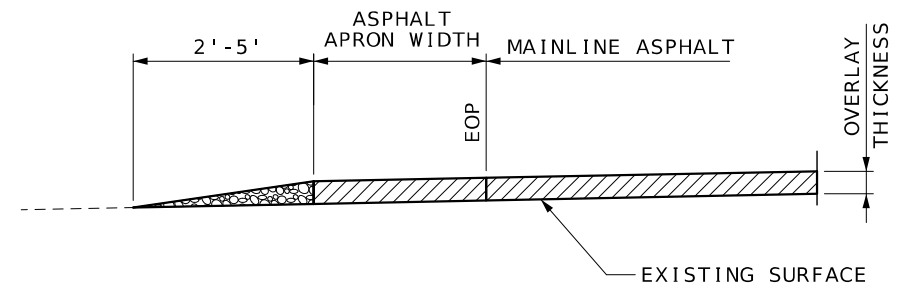
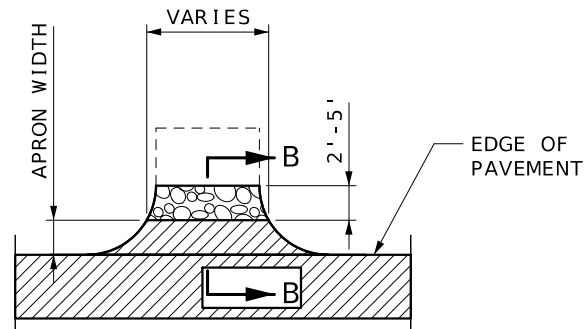


SECTION C-C
CONCRETE ENTRANCE

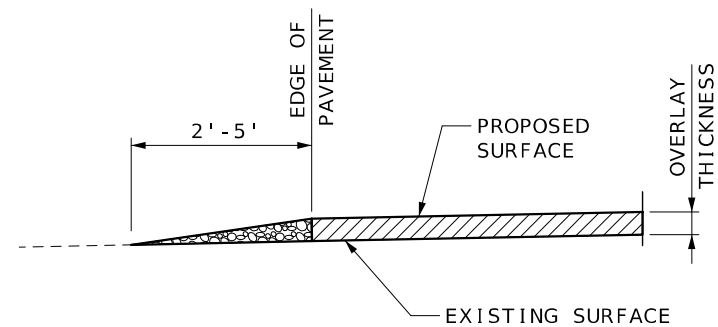
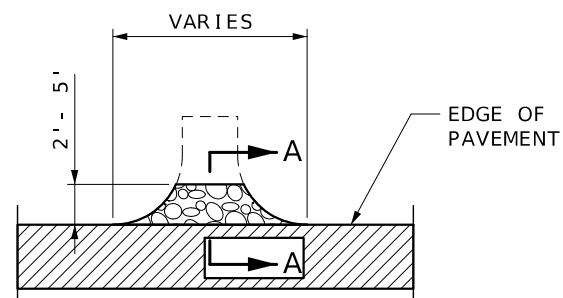
LM 3.802 LT. - 70'
LM 4.314 RT. - 54'
LM 6.512 LT. - 40'

LEGEND

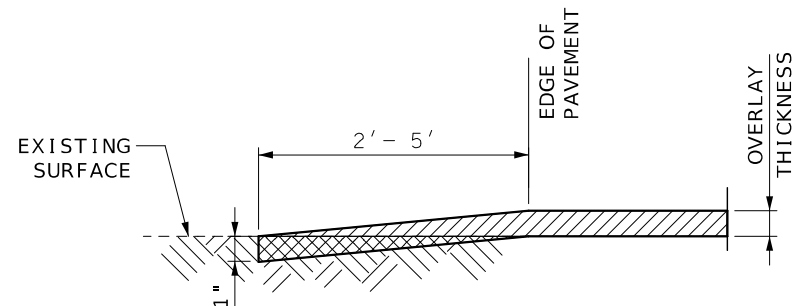
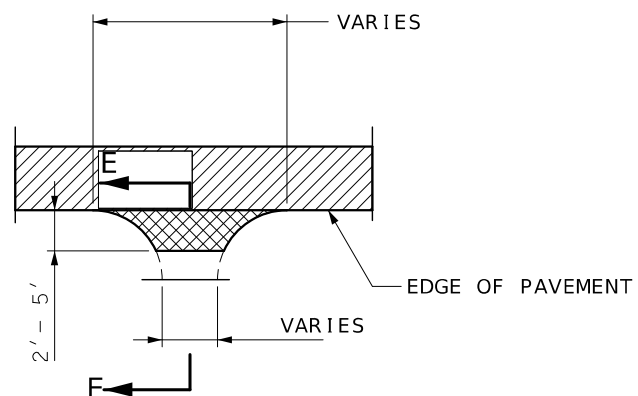
-  GRAVEL (A) OR CRUSHED STONE (B)
-  OVERLAY
-  MODIFIED COLDMILLING



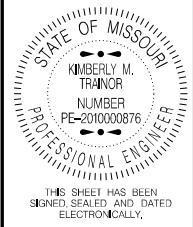
SECTION B-B
TYPICAL PAVED APRON WITH AGGREGATE ENTRANCE



SECTION A-A
TYPICAL AGGREGATE ENTRANCE
(FIELD, PRIVATE, COMMERCIAL ENTRANCES,
COUNTY ROADS AND CITY STREETS)

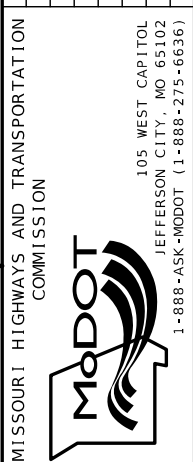


SECTION E-E
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(STATE ROUTES, COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)



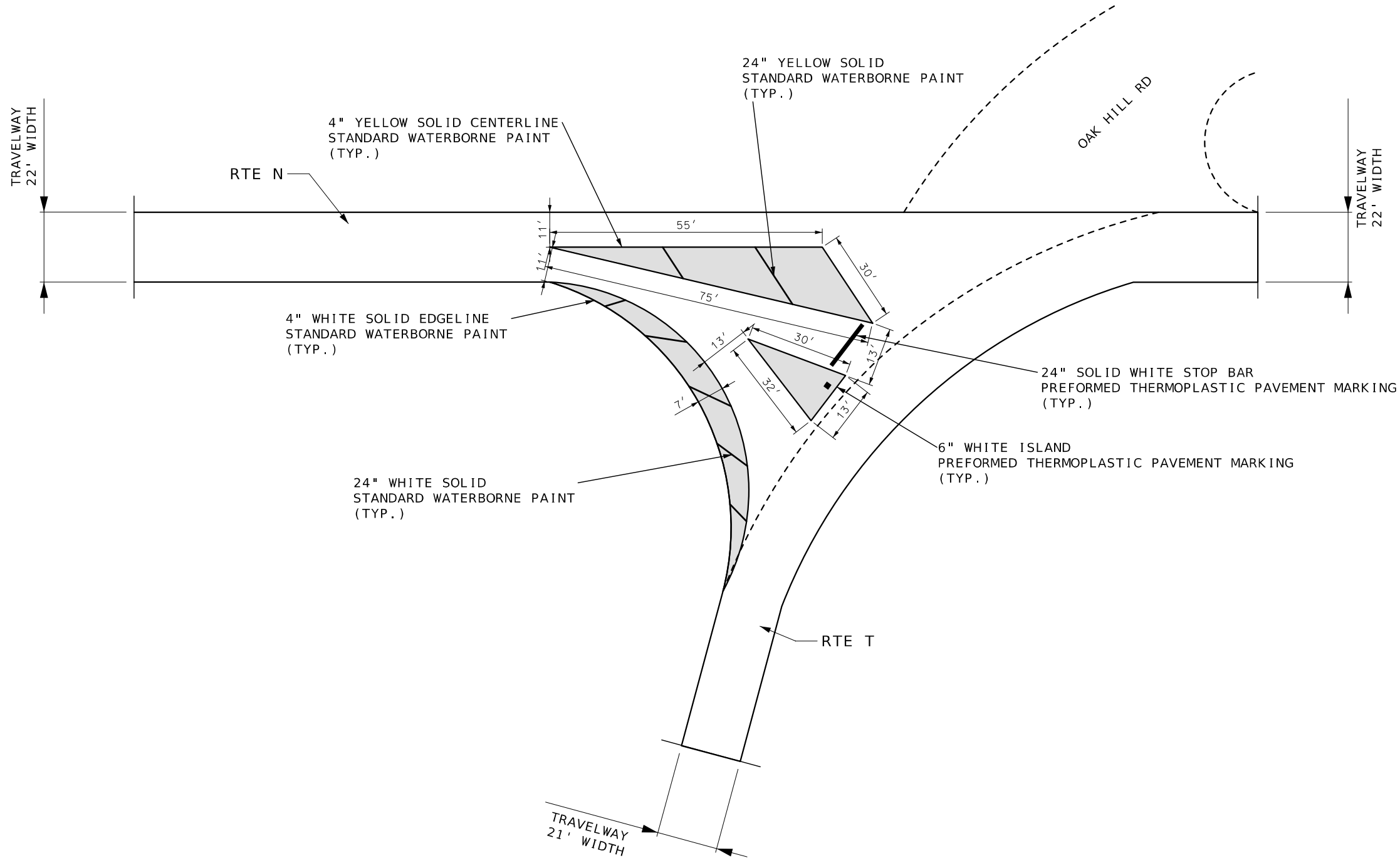
DATE PREPARED 7/28/2023	
ROUTE T	STATE MO
DISTRICT NE	SHEET NO. 5
COUNTY MARION/RALLS	
JOB NO. JNE0012	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

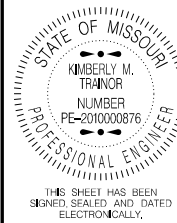


SPECIAL SHEET
SHEET 2 OF 3
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



STRIPING DETAIL
JUNCTION RTE T AND RTE N



DATE PREPARED
7/28/2023

ROUTE STATE
T MO

DISTRICT SHEET NO.
NE 6

COUNTY
MARION/RALLS

JOB NO.
JNE0012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

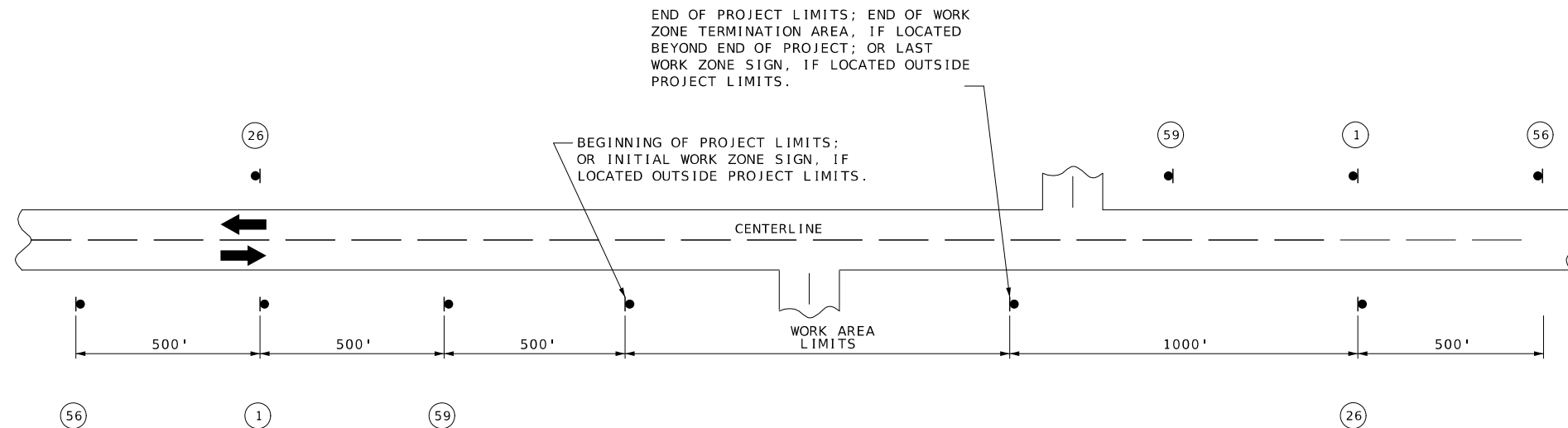
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

SPECIAL SHEET
SHEET 3 OF 3
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-8

(59)

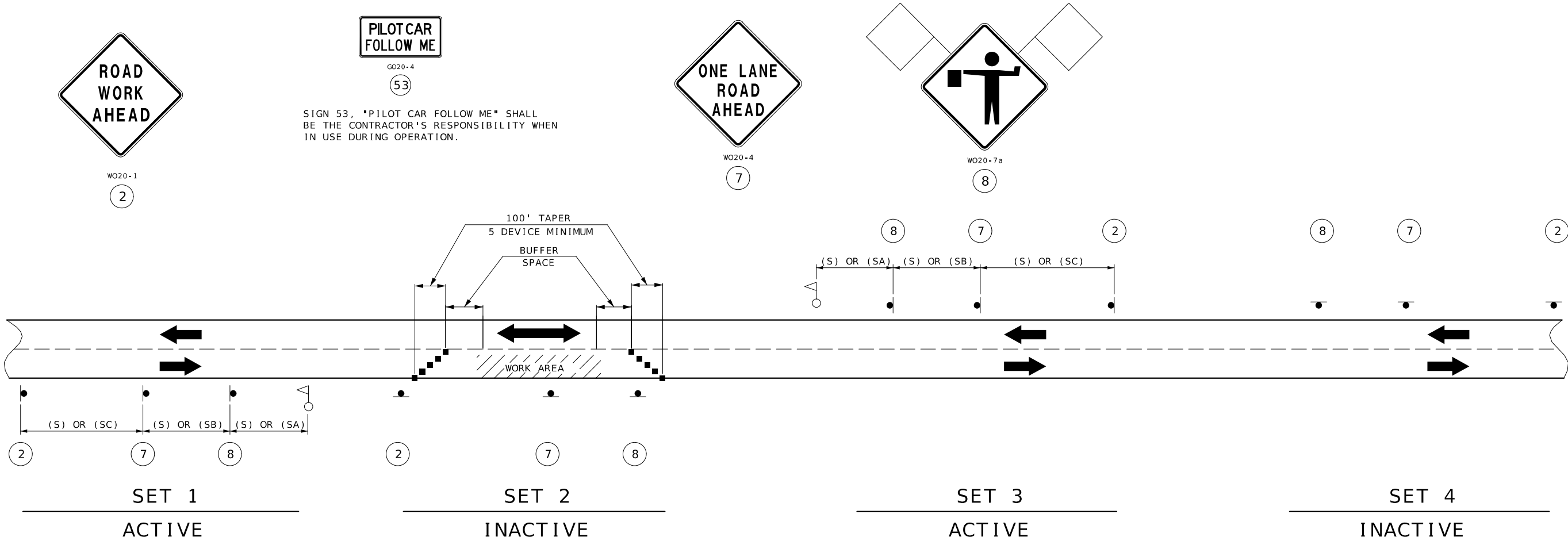
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MISSOURI
DEPARTMENT OF
TRANSPORTATION

TEMPORARY TRAFFIC CONTROL

DURATION OF PROJECT
SHEET 1 OF 5
NOT TO SCALE

[illegible]



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

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI
KIMBERLY M. TRAYNOR
NUMBER
PE-2010000876
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/28/2023

ROUTE
T

STATE
MO

DISTRICT
NE

SHEET NO.
8

COUNTY
MARION/RALLS

JOB NO.
JNE0012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

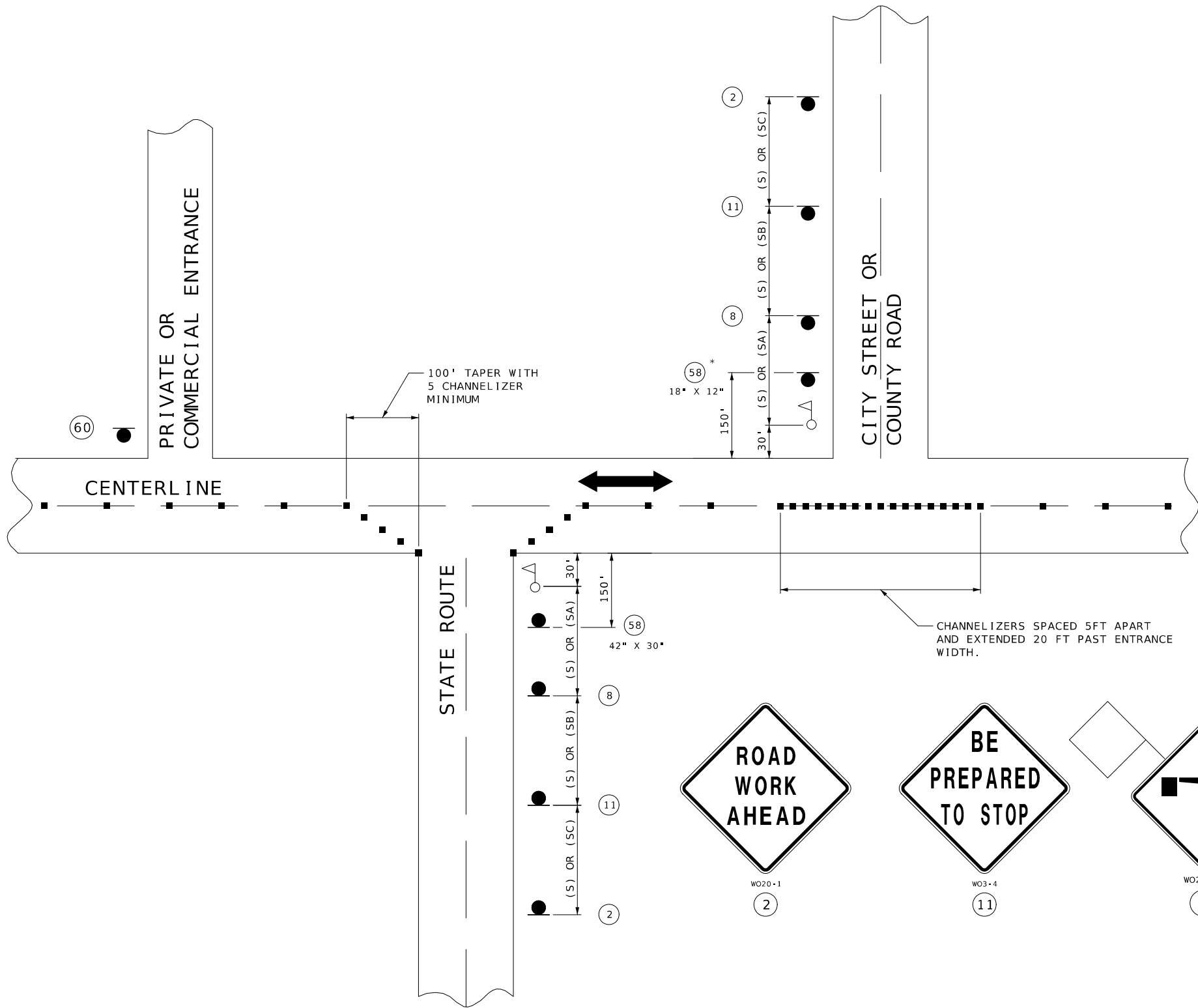
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TEMPORARY TRAFFIC CONTROL
LANE CLOSURE ON TWO-LANE HIGHWAY
SHEET 2 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO 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.

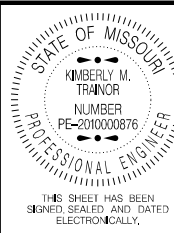
■ - CHANNELIZERS (AS SPECIFIED)

△ - FLAGGER

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



DATE PREPARED
7/28/2023
ROUTE T STATE MO
DISTRICT NE SHEET NO. 9

COUNTY
MARION/RALLS

JOB NO.
JNE0012

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)

TEMPORARY TRAFFIC CONTROL
SIDE ROAD ENTERING WORK ZONE
SHEET 3 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



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.

DATE PREPARED
7/28/2023

ROUTE T	STATE MO
DISTRICT NE	SHEET NO 10

COUNTY
MARION/RALLS

JOB NO.
JNE0012

CONTRACT ID.

PROJECT NO.

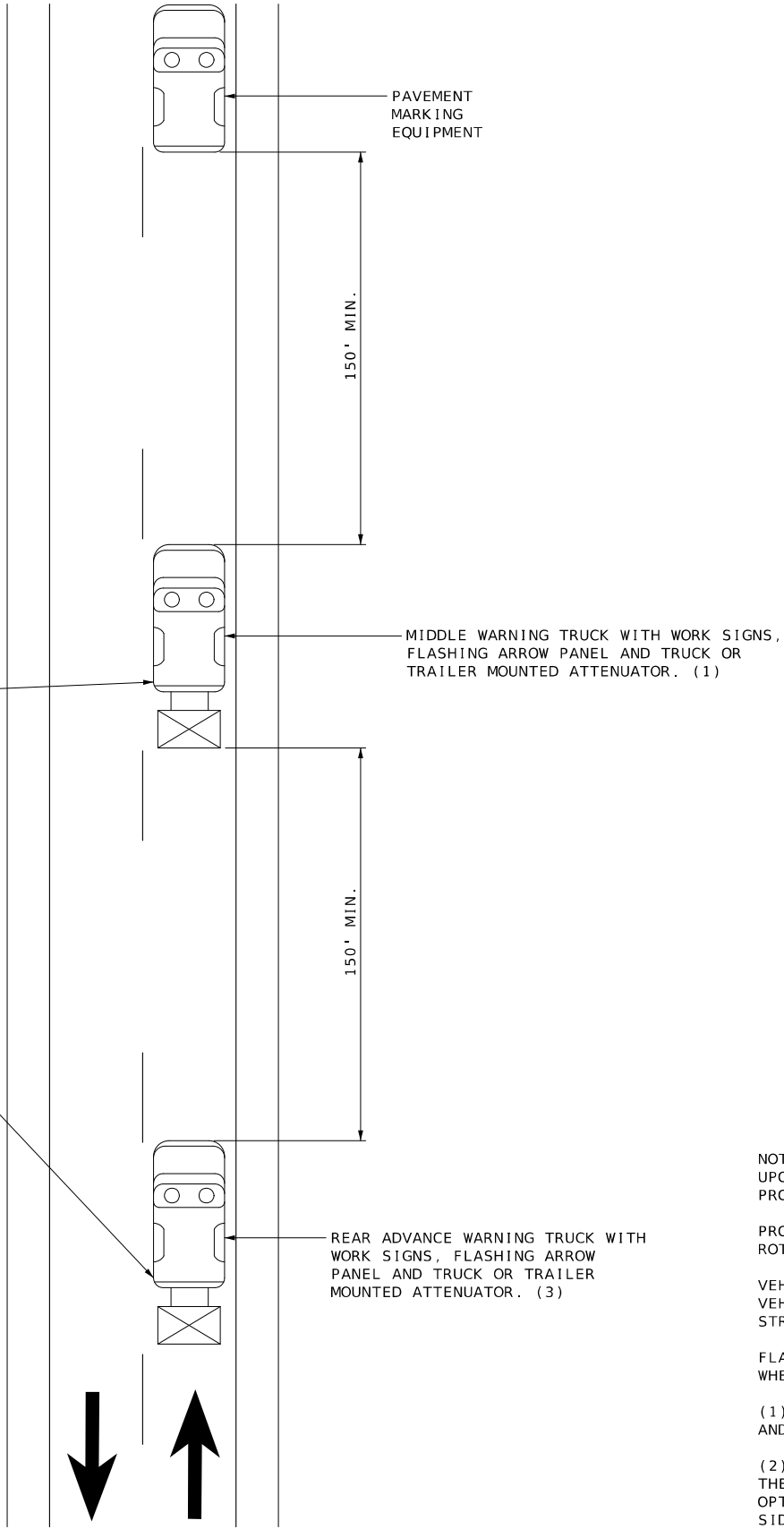
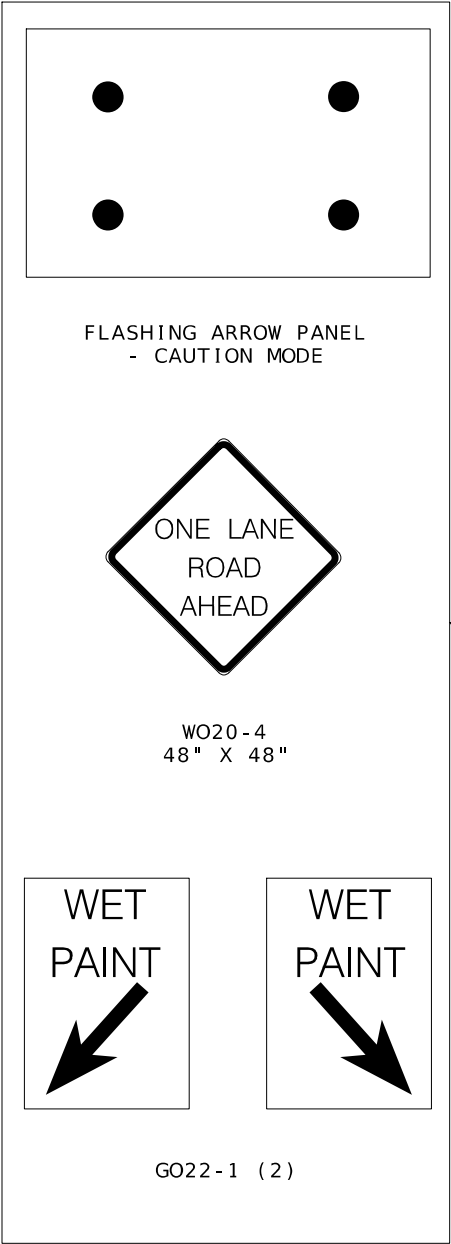
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TEMPORARY TRAFFIC CONTROL
TEMPORARY PAVEMENT MARKING DETAIL
SHEET 4 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

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 STROBE LIGHTS.

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

STATE OF MISSOURI

KIMBERLY M. TRAYNOR

NUMBER PE-2010000876

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
7/28/2023

ROUTE
T

DISTRICT
NE

STATE
MO

SHEET NO.
11

COUNTY
MARION/RALLS

JOB NO.
JNE0012

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TEMPORARY TRAFFIC CONTROL
MOVING OPERATION ON HIGHWAY
SHEET 5 OF 5
NOT TO SCALE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.