



MOBILIZATION
Total = 1.0 LUMP SUM

REMOVAL OF IMPROVEMENTS							
SHEET	ROADWAY	BEGIN STATION	END STATION	LOCATION	QUANTITIY (LF)	QUANTITY (EACH)	REMARKS
5	I-70	1375+15	1375+53	LEFT OF CL		1	BRIDGE ANCHOR & BRIDGE TRANSITION
5	I-70	1371+98	1373+43	RIGHT OF CL	125	1	BRIDGE ANCHOR, BRIDGE TRANSITION, GUARDRAIL & END TERMINAL
5	I-70	1372+56	1373+40	LEFT OF CL	75	1	BRIDGE ANCHOR, BRIDGE TRANSITION, GUARDRAIL & END TERMINAL
4	I-70	1363+61	1364+89	LEFT OF CL	88	1	END TERMINAL, GUARDRAIL & END ANCHOR SECTION
4 & 5	I-70	1364+08	1372+85	LEFT OF CL	925	2	GUARD CABLE & ANCHOR ASSEMBLY
PAY TOTAL = 1 LUMP SUM							

STATE OF MISSOURI

MICHAEL EDWARD BLATTNER

NUMBER

PE-2008019525

PROFESSIONAL ENGINEER

07/09/2026 9:07:41 AM

MICHAEL EDWARD BLATTNER - CIVIL

MO-PE-2008019525

DATE PREPARED	
7/7/2026	
ROUTE	STATE
I - 70	MO
DISTRICT	SHEET NO.
SL	3
COUNTY	
ST. CHARLES	
JOB NO.	
JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A3582 & A3583	

DESCRIPTION	DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

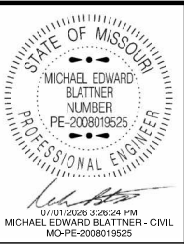
JEFFERSON CITY, MO 65102

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

GUARDRAIL											
PLAN SHEET NO.	ROADWAY	BEGIN STATION	END STATION	MGS GUARDRAIL (LF)	GUARD CABLE 16' POST SPACING (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EACH)	MGS END ANCHOR (EACH)	MGS BRIDGE APPROACH TRANS. SECTION (EACH)	SHAPING SLOPES CL III (100FT)	ANCHOR ASSEMBLY, GUARD CABLE (EACH)	REMARKS
4	I-70	1363+53	1365+53	137.5		1	1		1		LEFT OF CL (SOME POST IN PAVM'T)
4 & 5	I-70	1364+00	1370+58		658.0					2	LEFT OF CL
5	I-70	1370+27	1373+40	225.0		1		1	1		LEFT OF CL
5	I-70	1370+80	1373+43	175.0		1		1	1		RIGHT OF CL
5	I-70	1375+15	1375+53					1			LEFT OF CL
TOTAL				537.5	658.0	3	1	3	3	2	
PAY TOTAL				538	658.0	3	1	3	3	2	

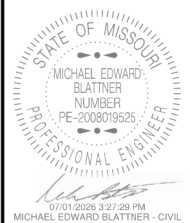
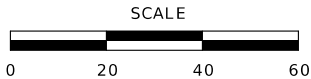
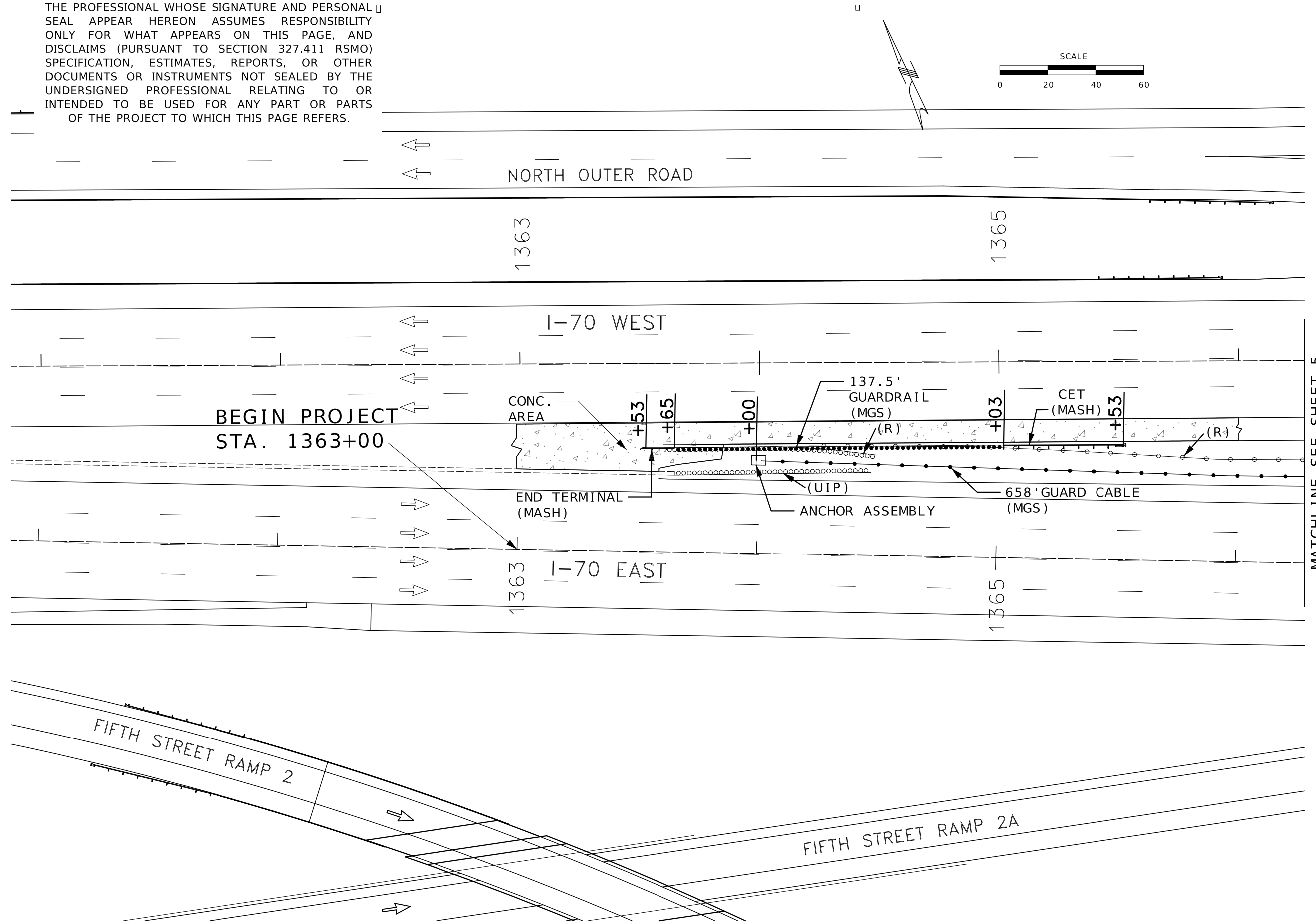
SLAB JACKING (EAST BOUND HWY I-70)						
PLAN SHEET NO.	ROADWAY	LOCATION	BEGIN STATION	END STATION	SALB JACKING HIGH DENSITY POLYURETHANE (LBS)	REMARKS
5	I-70 EB	INSIDE SHLDR	1373+26	1373+47	800.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	LANE 1	1373+26	1373+47	1200.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	LANE 2	1373+26	1373+47	1200.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	LANE 3	1373+26	1373+47	1200.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	LANE 4	1373+26	1373+47	1200.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	LANE 5	1373+26	1373+47	1200.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
5	I-70 EB	OUTSIDE SHLDR	1373+26	1373+47	800.0	LIFT APPROACH SLAB EB I-70 (1,200 LBS PER LANE FOR POLY)
TOTAL					7600.0	
ADD 5% FOR IRREGULARITIES					380.0	
PAY TOTAL					7980	

SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY RELOC	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	QTY RELOC	TOTAL RELOC	SIGN	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.			IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.					DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00	1	12.00			49	GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00	1	12.00			43	EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	1	8.00			26	END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4R	48X48	16.00	1	16.00			15	REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	6	36.00			54	WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	289	CHANNELIZER (TRIM-LINE)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030	23	TYPE 3 MOVEABLE BARRICADE
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033	115	DIRECTION INDICATOR BARRICADE
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	8	96.00			4/25	SPEED LIMIT 50 (x5); 60 (x2); 35 (X1)	6161040	9	FLASHING ARROW PANEL
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1aL	48X48	16.00	3	48.00			6A	MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161096	10	CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-1	48X48	16.00	1	16.00			43	ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE			
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)			CONTRACTOR FURNISHED/RETAINED
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00	9	18.00			61	SIDEWALK CLOSED	6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
WO8-6	48X48	16.00						TRUCK CROSSING									SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00						STOP HERE ON RED (45^ ARROW)	6175010A		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						ROAD CLOSED	6175011B		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00	15	150.00			29	ROAD CLOSED XX MILES AHEAD	6175013		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	6175020A		TEMPORARY RAISED PAVEMENT MARKER
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00						FINE SIGN	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS									NO DIRECT PAY WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS OR DEVICES SIGN AND DEVICE LOCATION WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER CMS LOCATIONS TO BE DETERMINED BY ENGINEER DISCLAIMER THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.		
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	48X36	12.00						POINT OF PRESENCE			
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	96X48	32.00						POINT OF PRESENCE			
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-8	48X36	12.00	1	12.00			57	WORK ZONE NO PHONE ZONE			
W10-1	42RND.	9.62						RAILROAD CROSSING												
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)												
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)												
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)												
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)												
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD												
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD												
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)												
WO16-2	30X24	5.00	2	10.00			20B	XXX FEET (PLAQUE)												
WO16-3	30X24	5.00						X MILE (PLAQUE)												
WO20-1	48X48	16.00	7	112.00			2	ROAD/BRIDGE/RAMP WORK AHEAD												
WO20-2	48X48	16.00						DETOUR AHEAD												
WO20-3	48X48	16.00	5	80.00			20/20B	ROAD CLOSED AHEAD												
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD	616-10.05	CONSTRUCTION SIGNS			TOTAL							
WO20-5	48X48	16.00	4	64.00			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10	RELOCATED SIGNS				TOTAL						
WO20-5a	48X48	16.00	2	32.00			5A	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD												
WO20-6a	48X48	16.00	6	96.00			6	RIGHT/CENTER/LEFT LANE CLOSED												
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)												
WO21-2	36X36	9.00						FRESH OIL												
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD												
WO22-1	48X48	16.00						BLASTING ZONE AHEAD												
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE												
WO22-3	42X36	10.50						END BLASTING ZONE												
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)												



DATE PREPARED	
6/30/2026	

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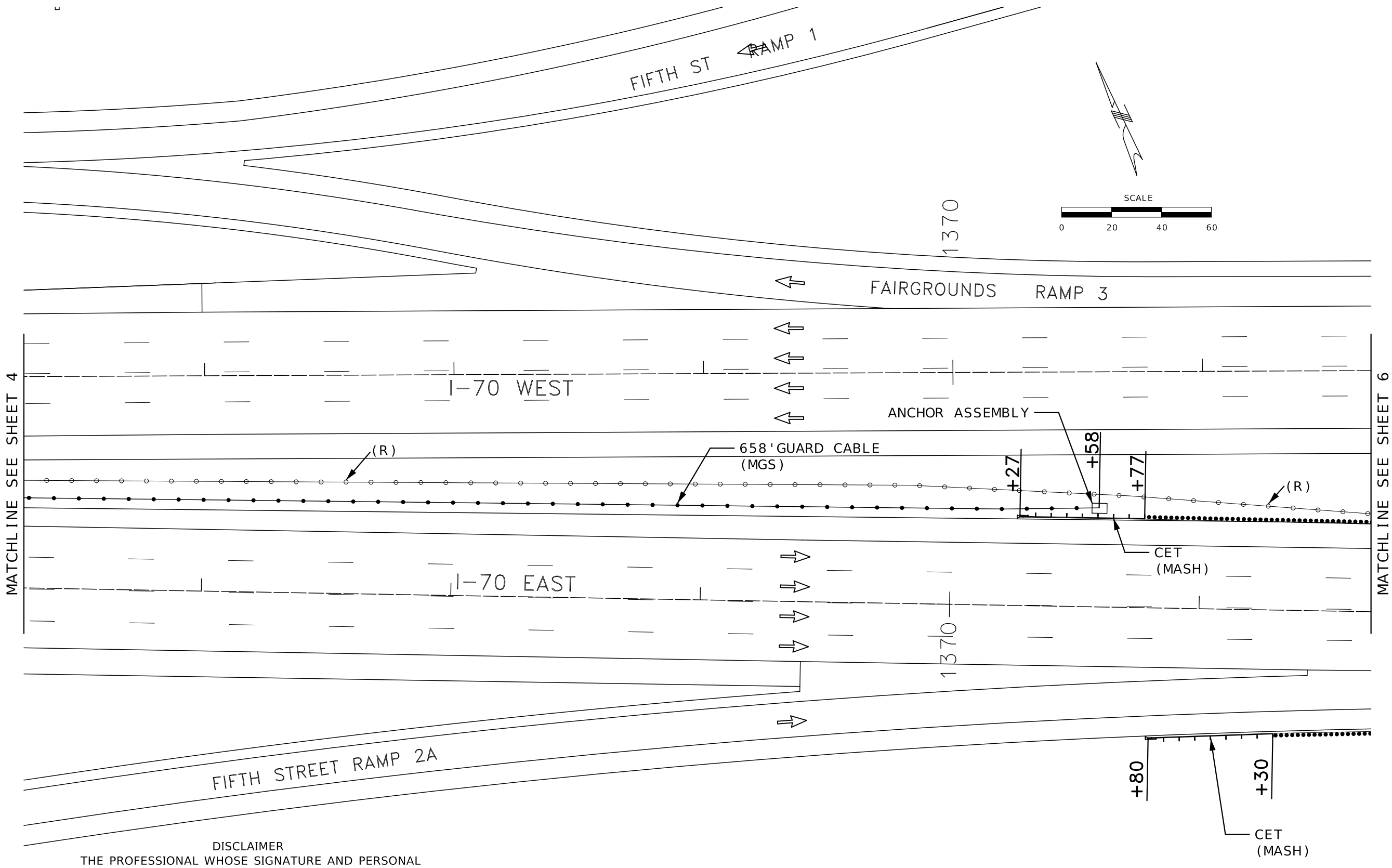
DATE PREPARED 6/30/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 4
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

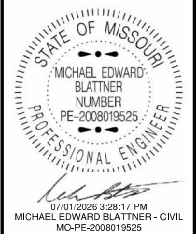
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET



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DATE PREPARED
 6/30/2026

ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 5

COUNTY
ST. CHARLES

JOB NO.
JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A3582 & A3583

DESCRIPTION	DATE

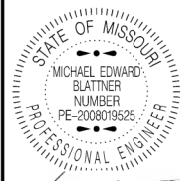
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 JEFFERSON CITY, MO 65102
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MoDOT

PLAN SHEET

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DATE PREPARED
7/7/2026

ROUTE
I-70

STATE
MO

DISTRICT
SL

SHEET NO.
6

COUNTY
ST. CHARLES

JOB NO.
JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
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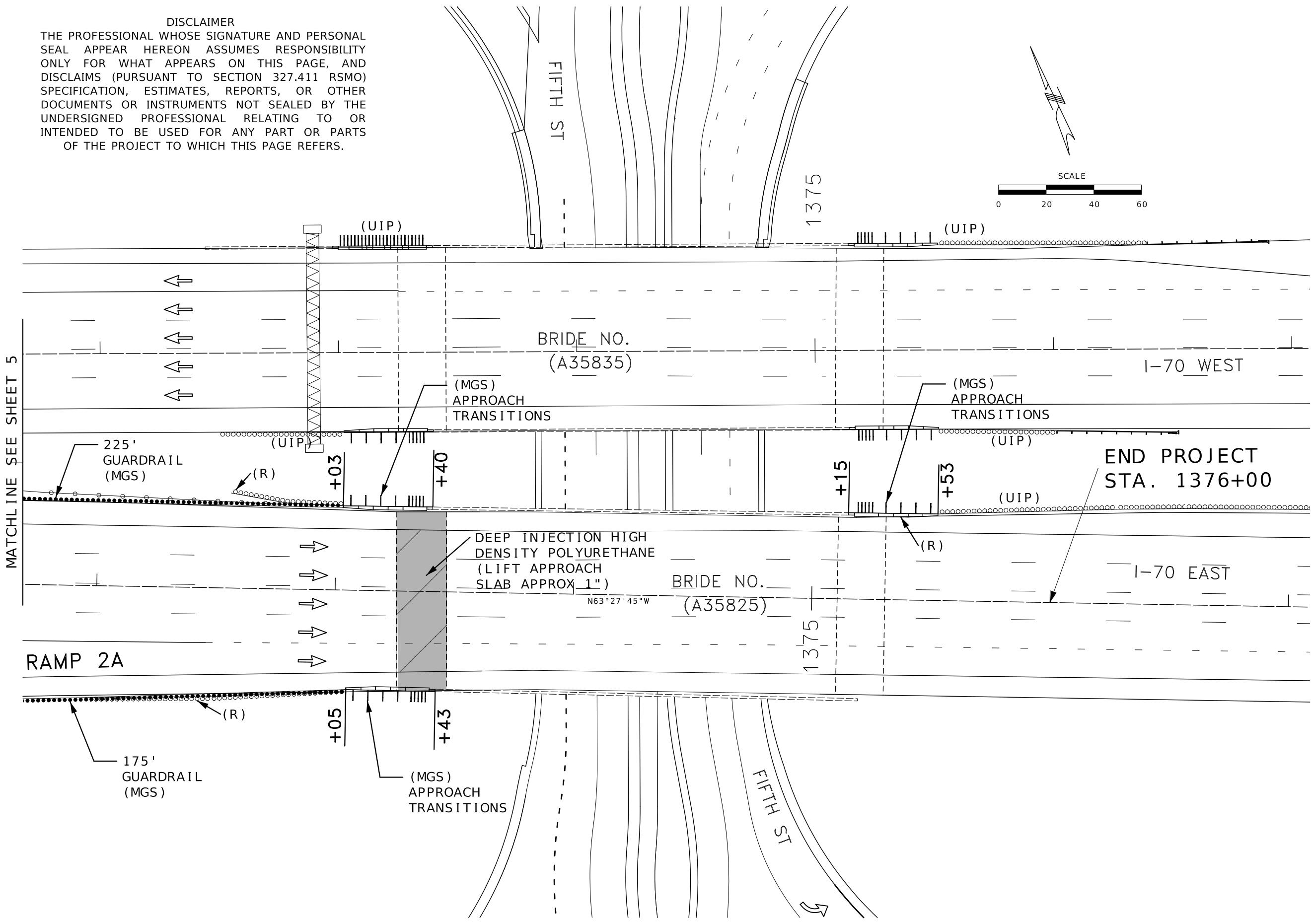
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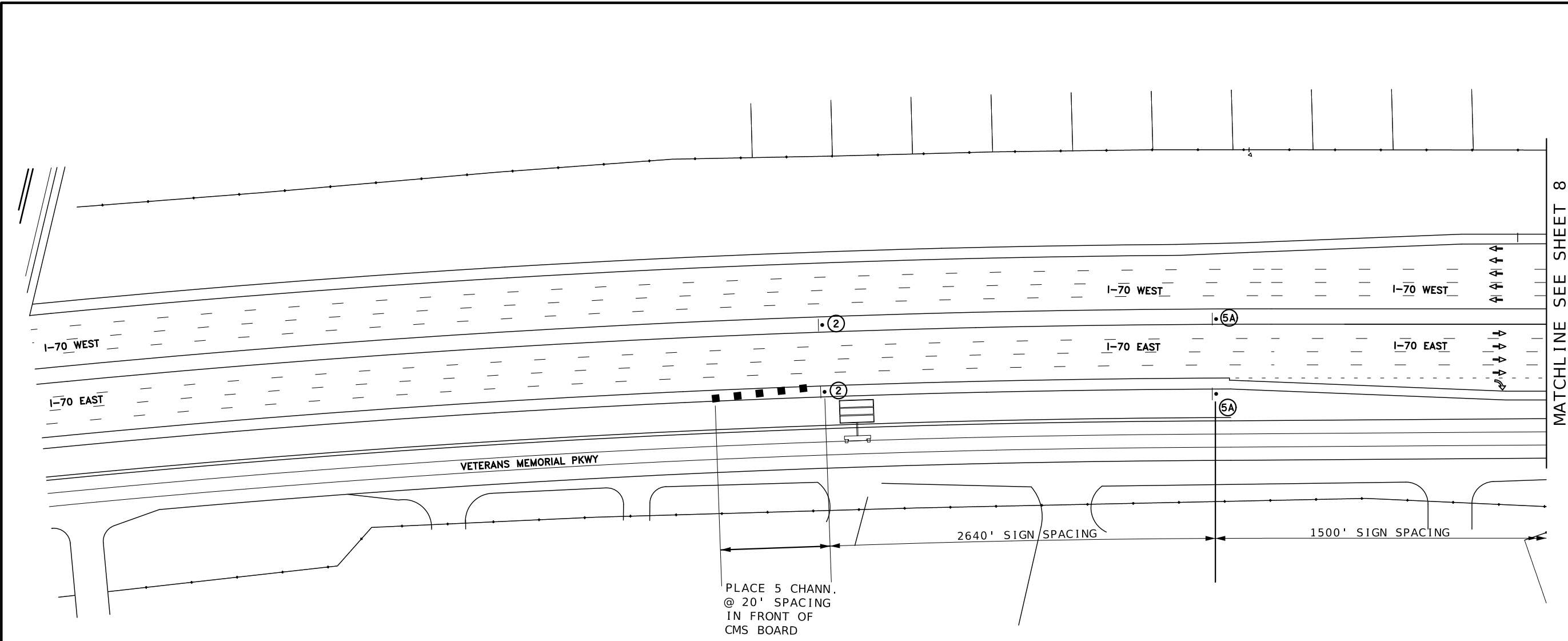
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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PLAN SHEET

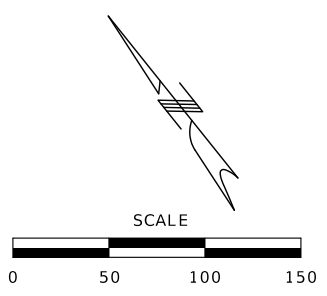




MATCHLINE SEE SHEET 8

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- LANE CLOSURE AREA
- WORK AREA



WO20-1
(2)



WO20-5a
(5A)

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STATE OF MISSOURI

MICHAEL EDWARD BLATTNER

NUMBER

PE-2008019525

PROFESSIONAL ENGINEER

07/01/2026 3:29:24 PM

MICHAEL EDWARD BLATTNER - CIVIL

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DATE PREPARED
7/1/2026

ROUTE
I-70

STATE
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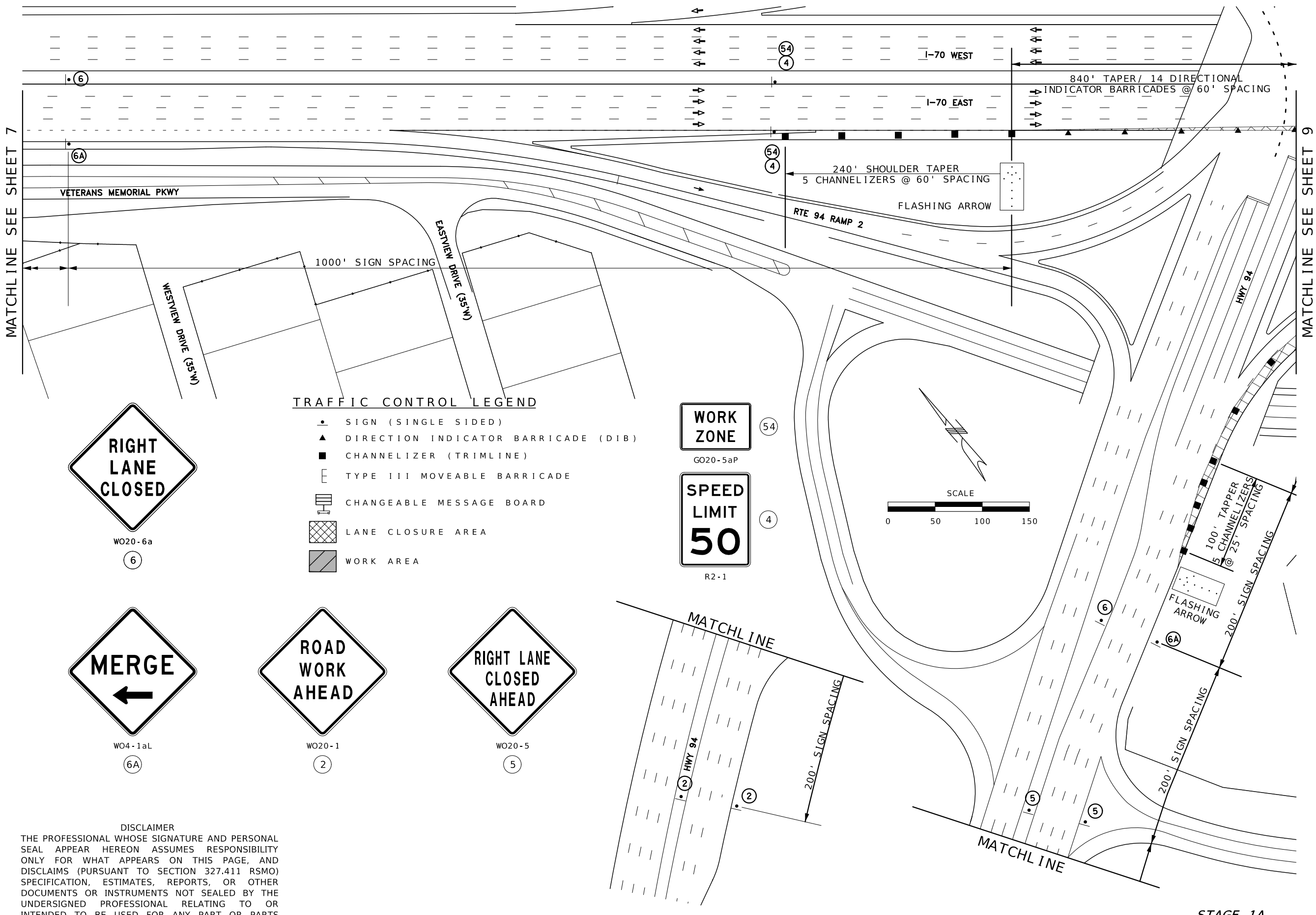
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL PLAN
I-70 EB 3 RIGHT LANE CLOSURE
SHEET 1 OF 7



- TRAFFIC CONTROL LEGEND**
- SIGN (SINGLE SIDED)
 - ▲ DIRECTION INDICATOR BARRICADE (DIB)
 - CHANNELIZER (TRIMLINE)
 - E TYPE III MOVEABLE BARRICADE
 - CHANGEABLE MESSAGE BOARD
 - LANE CLOSURE AREA
 - WORK AREA



WO20-6a
6



WO4-1aL
6A



WO20-1
2



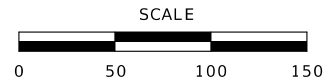
WO20-5
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GO20-5aP

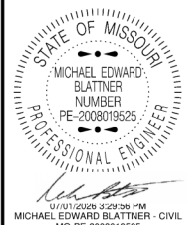


R2-1



SCALE

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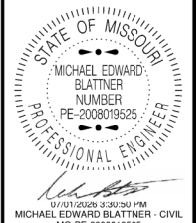
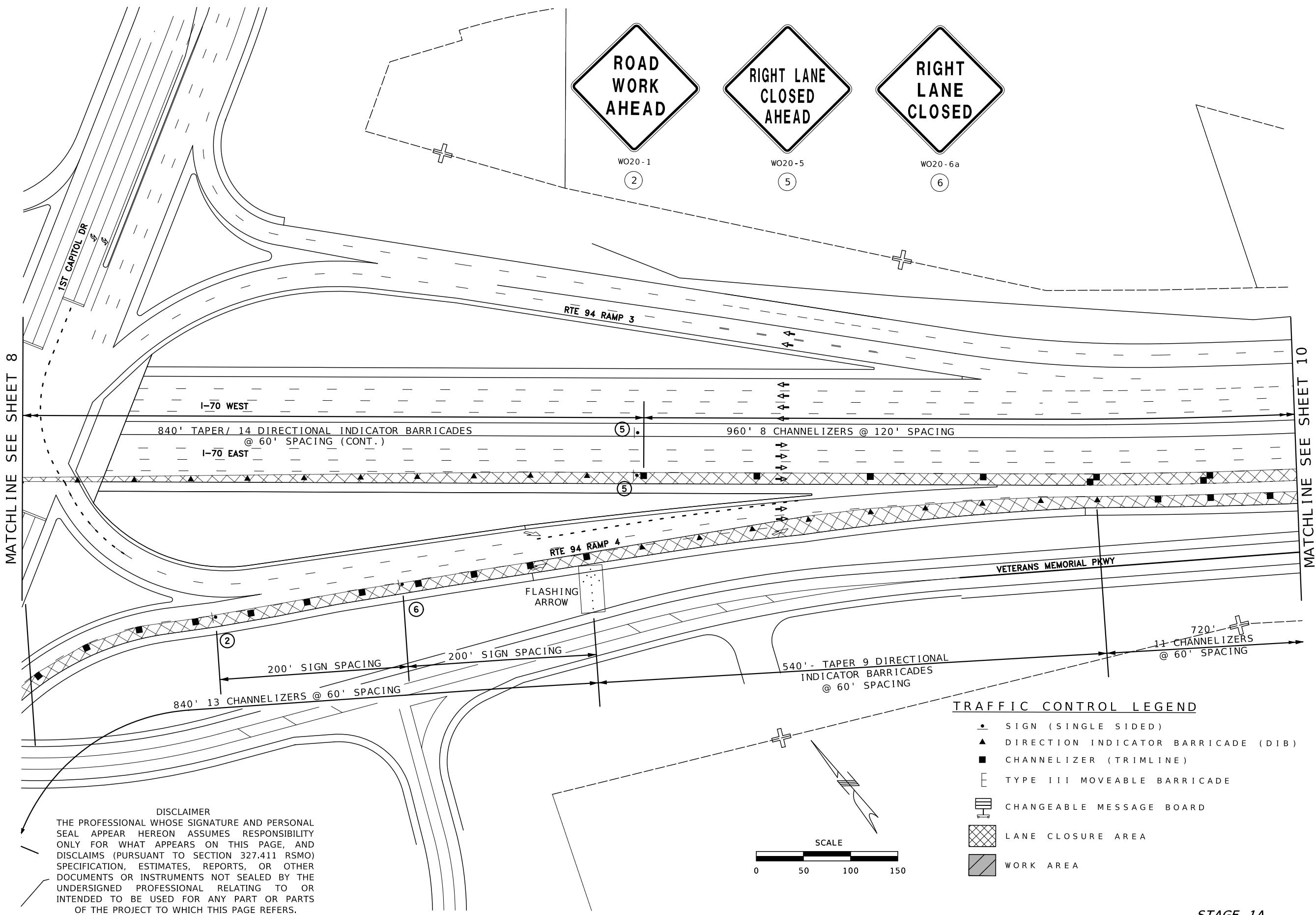
DATE PREPARED 7/1/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 8
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL PLAN
I-70 EB 3 RIGHT LANE CLOSE
SHEET 2 OF 7



DATE PREPARED 7/1/2026	
ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

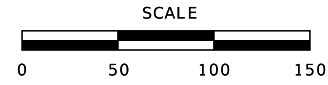
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL PLAN
I-70 EB 3 RIGHT LANE CLOSE
SHEET 3 OF 7

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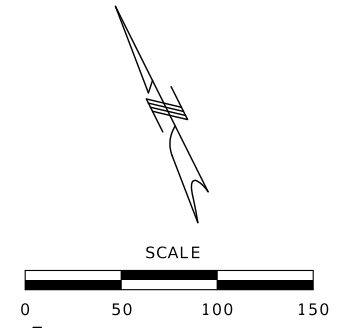
- TRAFFIC CONTROL LEGEND
- SIGN (SINGLE SIDED)
 - ▲ DIRECTION INDICATOR BARRICADE (DIB)
 - CHANNELIZER (TRIMLINE)
 - [] TYPE III MOVEABLE BARRICADE
 - [] CHANGEABLE MESSAGE BOARD
 - [X] LANE CLOSURE AREA
 - [] WORK AREA



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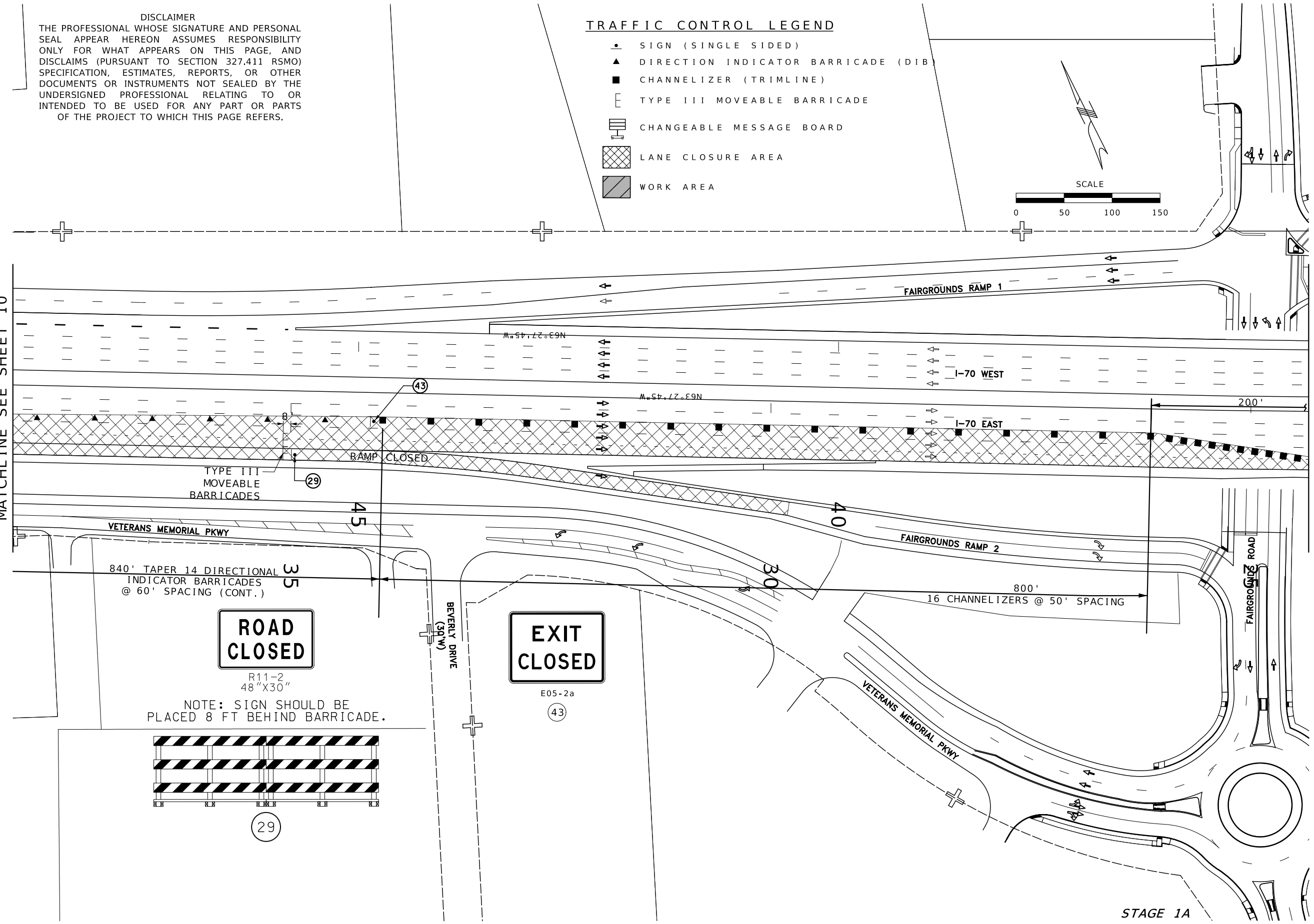
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- LANE CLOSURE AREA
- WORK AREA



MATCHLINE SEE SHEET 10

MATCHLINE SEE SHEET 12



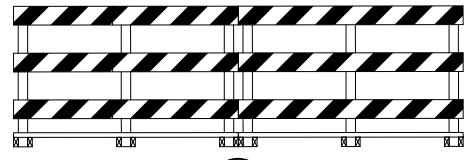
TYPE III MOVEABLE BARRICADES

840' TAPER 14 DIRECTIONAL INDICATOR BARRICADES @ 60' SPACING (CONT.)

ROAD CLOSED

R11-2
48"X30"

NOTE: SIGN SHOULD BE PLACED 8 FT BEHIND BARRICADE.

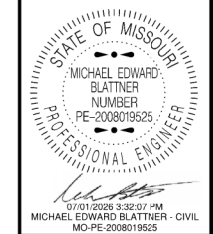


29

EXIT CLOSED

E05-2a

43



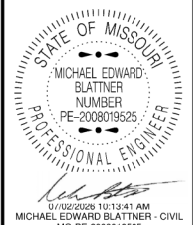
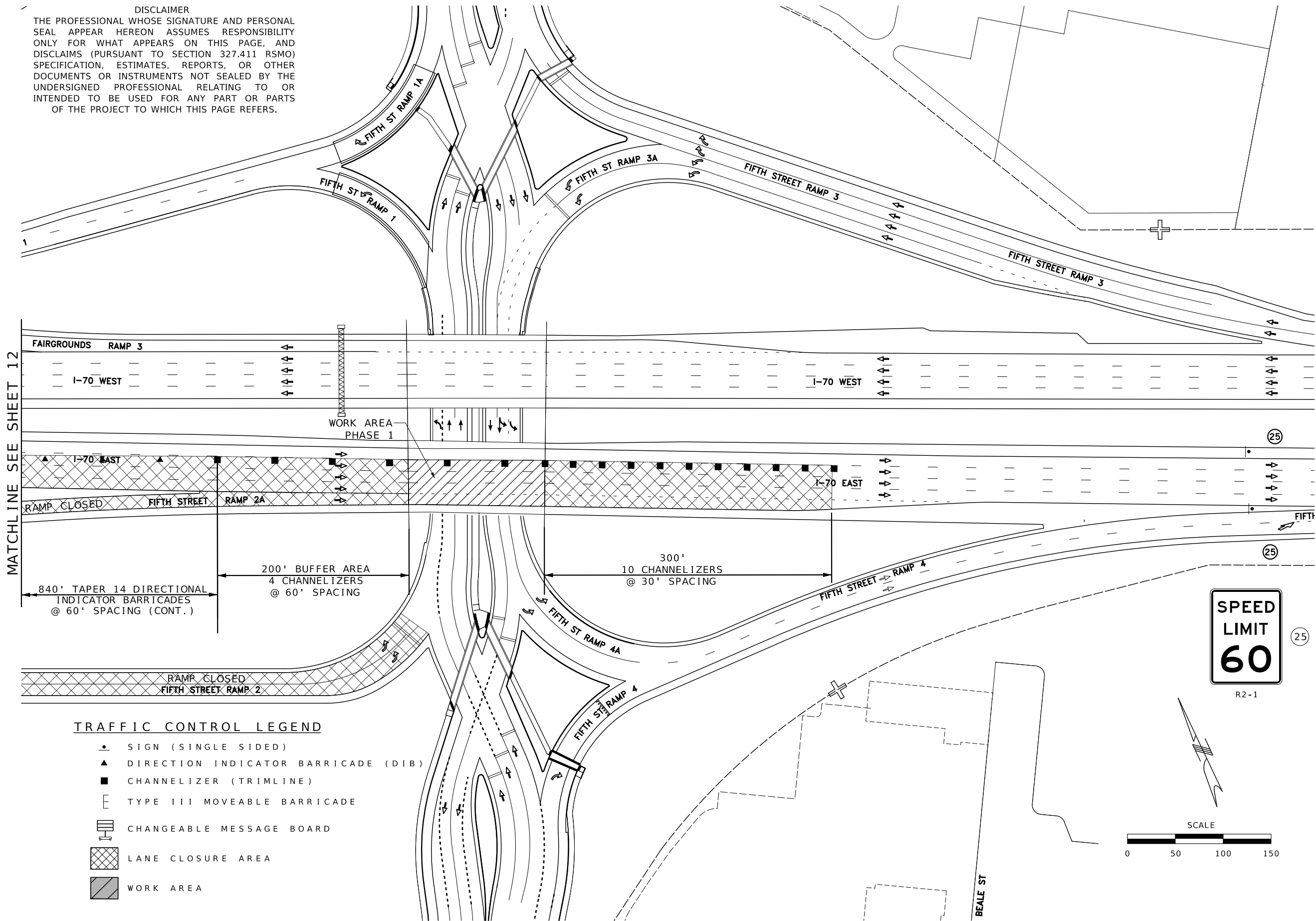
DATE PREPARED 6/30/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 11
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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DATE PREPARED 7/2/2026	
ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 13
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

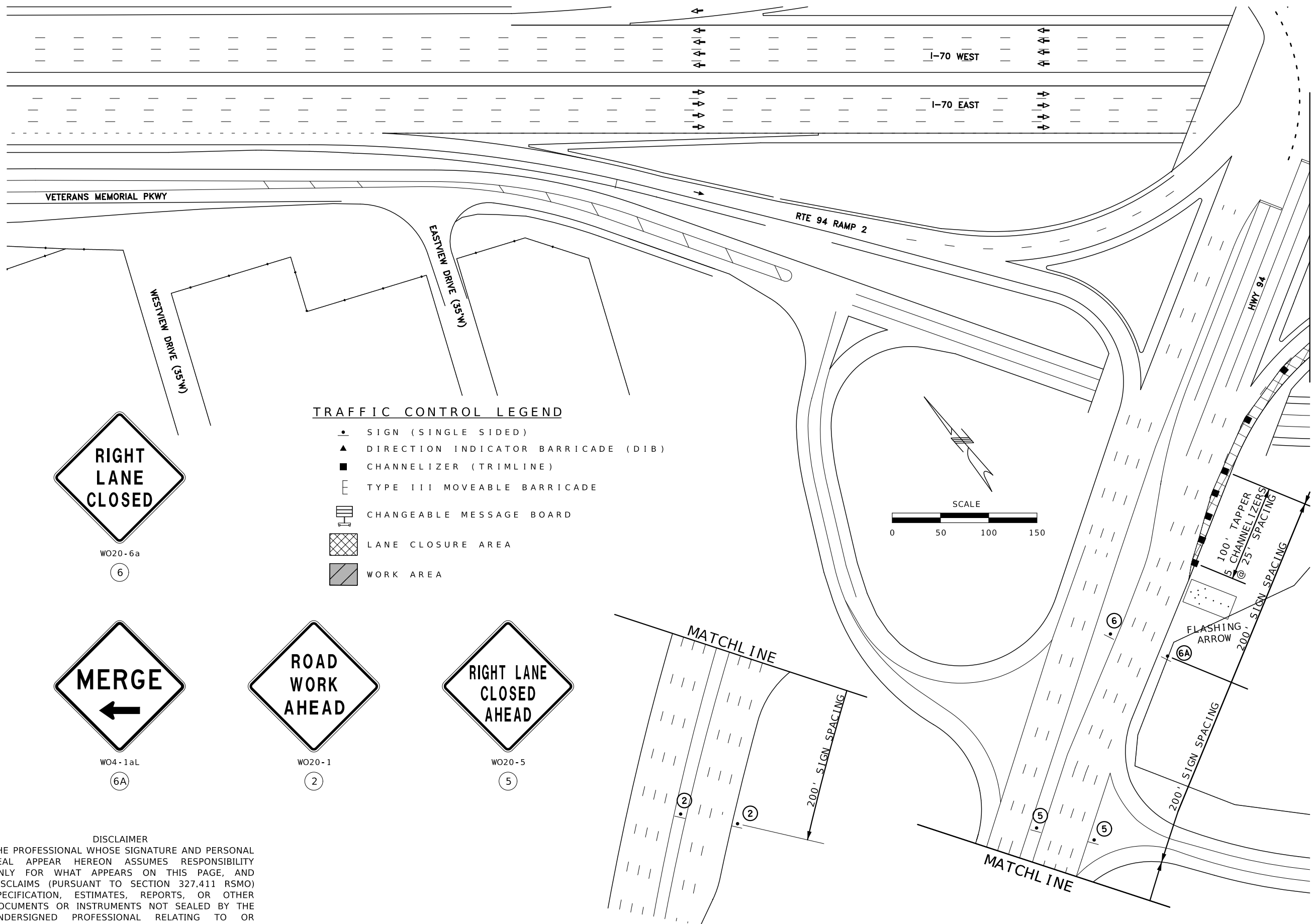
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

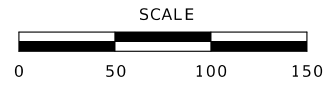
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL PLAN
I-70 EB 3 RIGHT LANE CLOSURE
SHEET 7 OF 7



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- LANE CLOSURE AREA
- WORK AREA



WO20-6a
6



WO4-1aL
6A



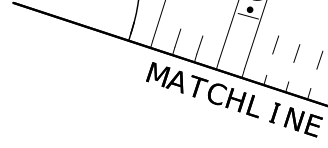
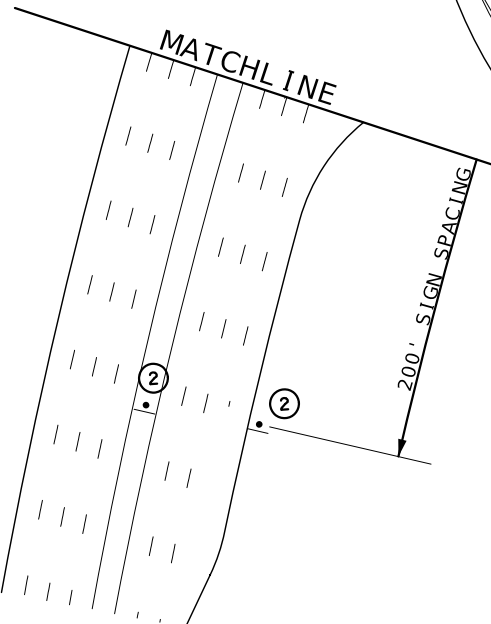
WO20-1
2



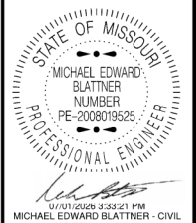
WO20-5
5

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MATCHLINE SEE SHEET 15



STAGE 2A
SHEET 1 OF 6



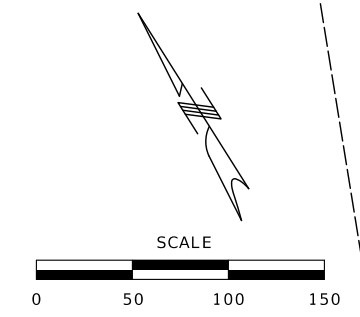
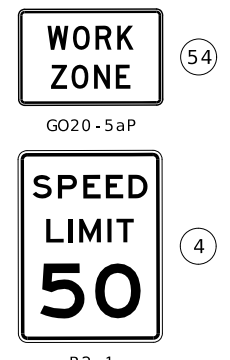
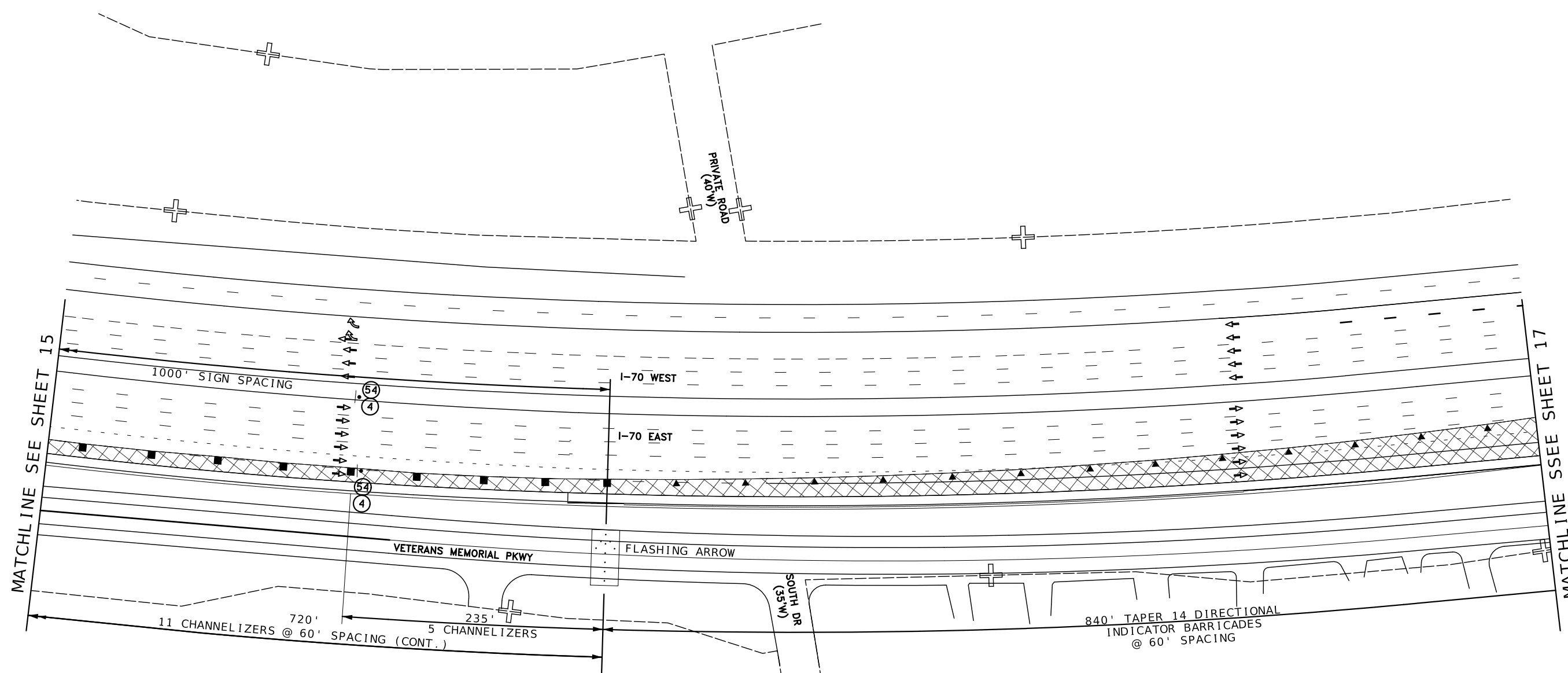
DATE PREPARED 6/30/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 14
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

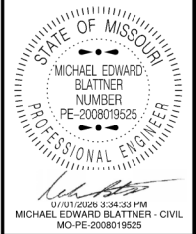
TRAFFIC CONTROL PLAN
I-70 EB 2 RIGHT LANE CLOSE
SHEET 1 OF 6



- TRAFFIC CONTROL LEGEND**
- SIGN (SINGLE SIDED)
 - ▲ DIRECTION INDICATOR BARRICADE (DIB)
 - CHANNELIZER (TRIMLINE)
 - E TYPE III MOVEABLE BARRICADE
 - CHANGABLE MESSAGE BOARD
 - LANE CLOSURE AREA
 - WORK AREA

STAGE 2A
SHEET 3 OF 6

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DATE PREPARED 7/1/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 16
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL PLAN
I-70 EB 2 RIGHT LANE CLOSE
SHEET 3 OF 6

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TRAFFIC CONTROL LEGEND

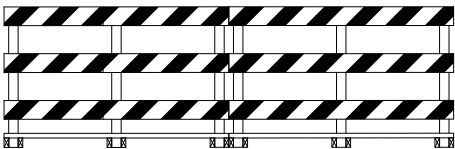
- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- [] TYPE III MOVEABLE BARRICADE
- [] CHANGEABLE MESSAGE BOARD
- [] LANE CLOSURE AREA
- [] WORK AREA

ROAD
CLOSED

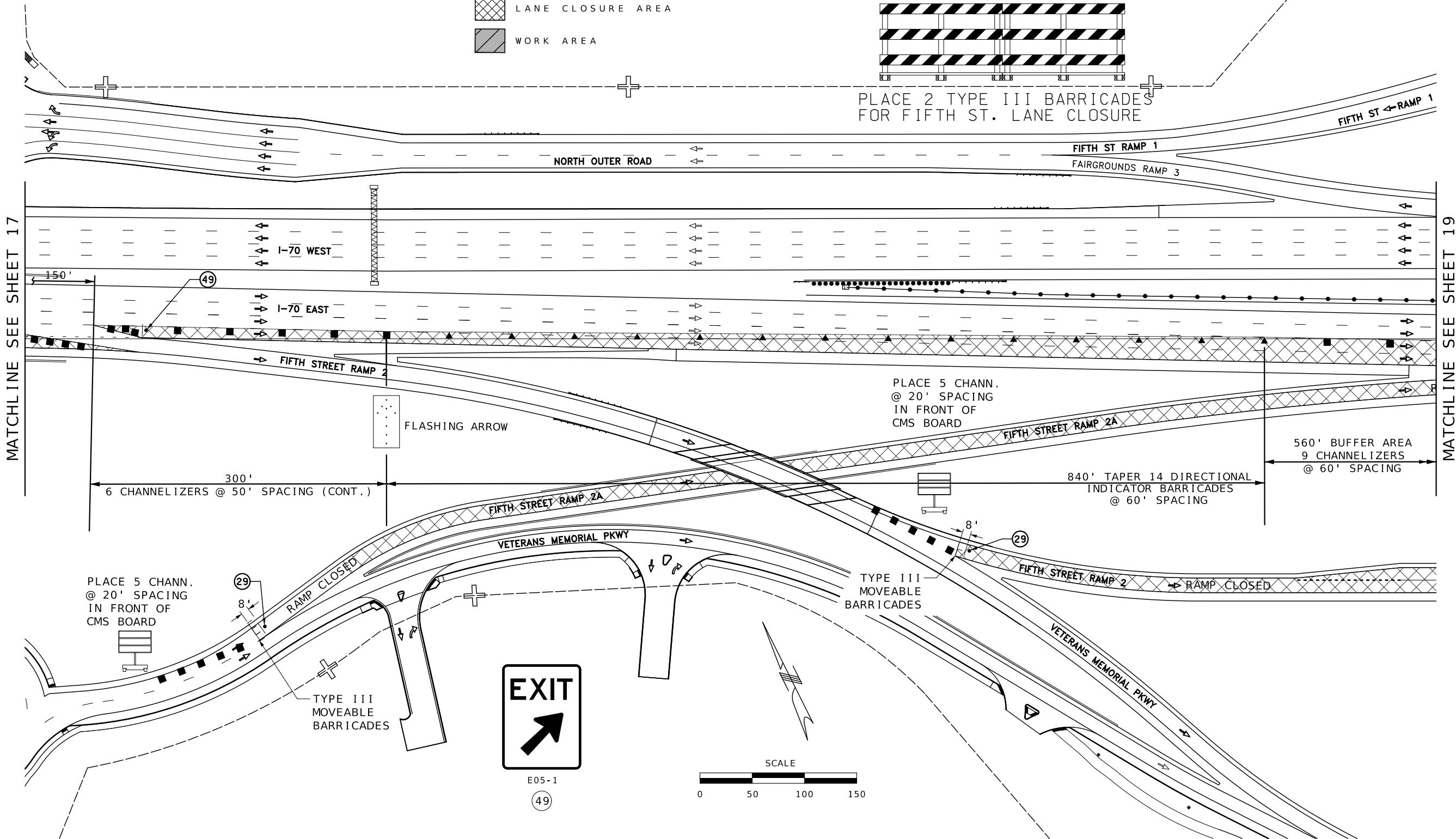
29

R11-2
48"X30"

NOTE: SIGN SHOULD BE
PLACED 8 FT BEHIND BARRICADE.

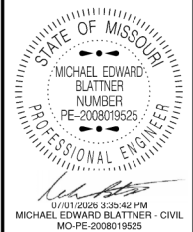


PLACE 2 TYPE III BARRICADES
FOR FIFTH ST. LANE CLOSURE



MATCHLINE SEE SHEET 17

MATCHLINE SEE SHEET 19



DATE PREPARED 6/30/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 18
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

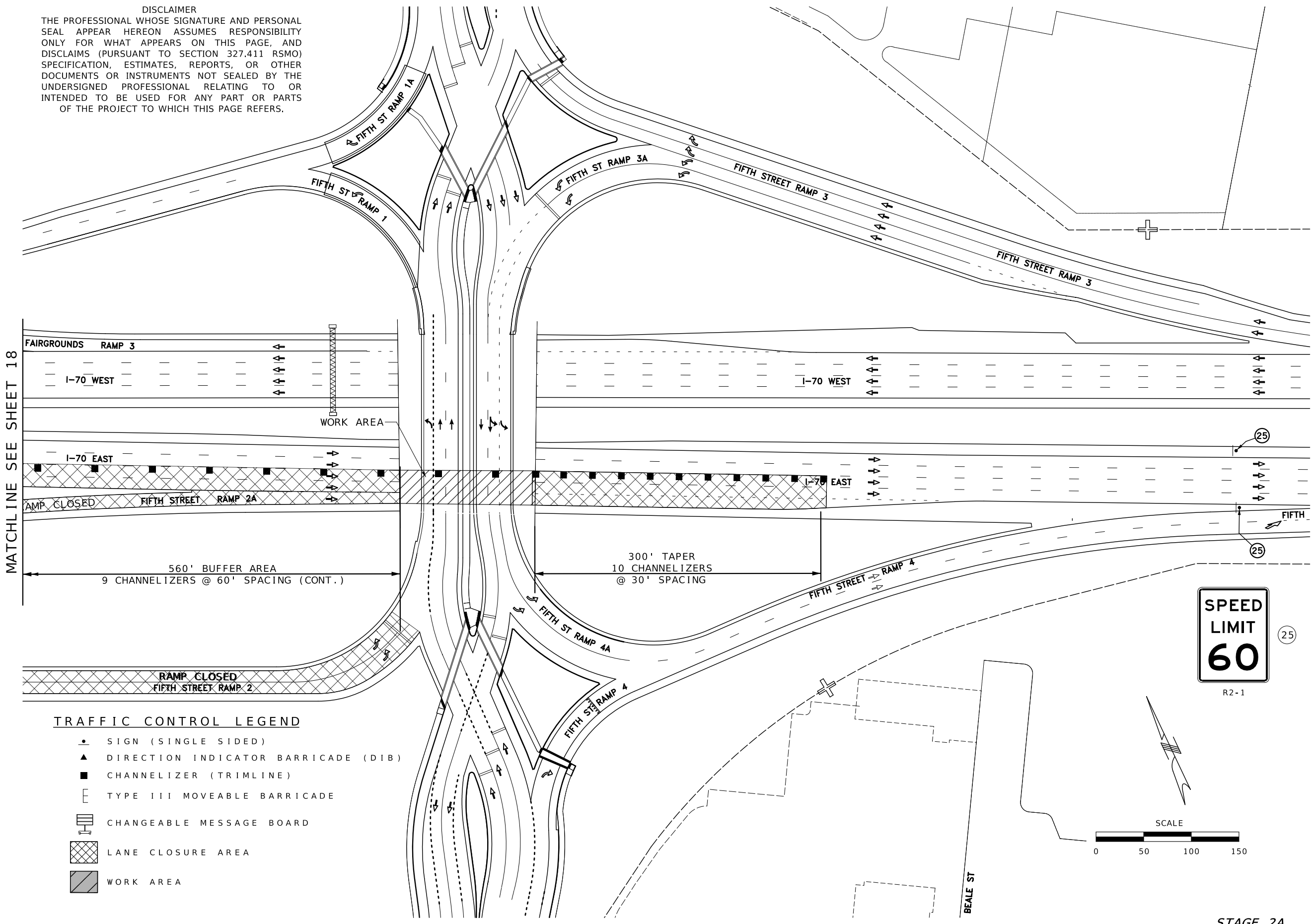
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL PLAN
I-70 EB 2 RIGHT LANE CLOSE
SHEET 5 OF 6

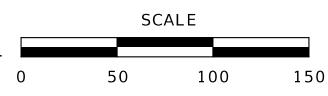
DISCLAIMER
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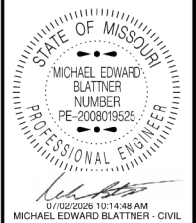
MATCHLINE SEE SHEET 18

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- LANE CLOSURE AREA
- WORK AREA



STAGE 2A
SHEET 6 OF 6



DATE PREPARED
7/2/2026

ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 19
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL PLAN
I-70 EB 2 LANE CLOSURE
SHEET 6 OF 6



**ROAD
CLOSED**

R11-2
48" X 30"

29 CLOSE LEFT TURNING LANE ON LOMBARD ST

CLOSE LEFT -
TURNING LANE
W LOMBARD ST

20 CHANNELIZER
@ 20' SPACING

PLACE 5 CHANN.
@ 20' SPACING
IN FRONT OF
CMS BOARD

FULL CLOSURE
S. FIFTH ST.
NORTHBOUND //

FULL CLOSURE
S.FIFTH STREET
NORTHBOUND
WORK AREA

5 CHANN. @
20' SPACING

PLACE 5 CHANN.-
@ 20' SPACING
IN FRONT OF
CMS BOARD

5 CHANN. @
20' SPACING

— TRUCK MOUNTED ATTENUATOR (TMA)
MIN. 150' ROLL AHEAD DISTANCE
FROM WORK AREA



SIDEWALK
CLOSED

R9 - 9

(61)

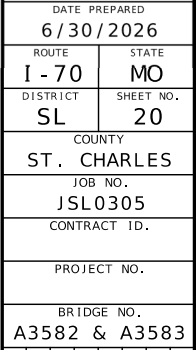
— PLACE 2, TYPE III
BARRICADES AT END
OF LANE SHIFT TAPER

SCALE



STAGE 1B
SHEET 1 OF 3

MATCHLINE SEE SHEET 21



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



TRAFFIC CONTROL PLAN
S. FIFTH ST
NORTH BOUND LANES CLOSED
SHEET 1 OF 3

STATE OF MISSOURI
MICHAEL EDWARD BLATTNER
NUMBER
PE-2008019525
PROFESSIONAL ENGINEER

01/01/2026 3:38:16 PM
MICHAEL EDWARD BLATTNER - CIVIL

ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 21

PROJECT NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

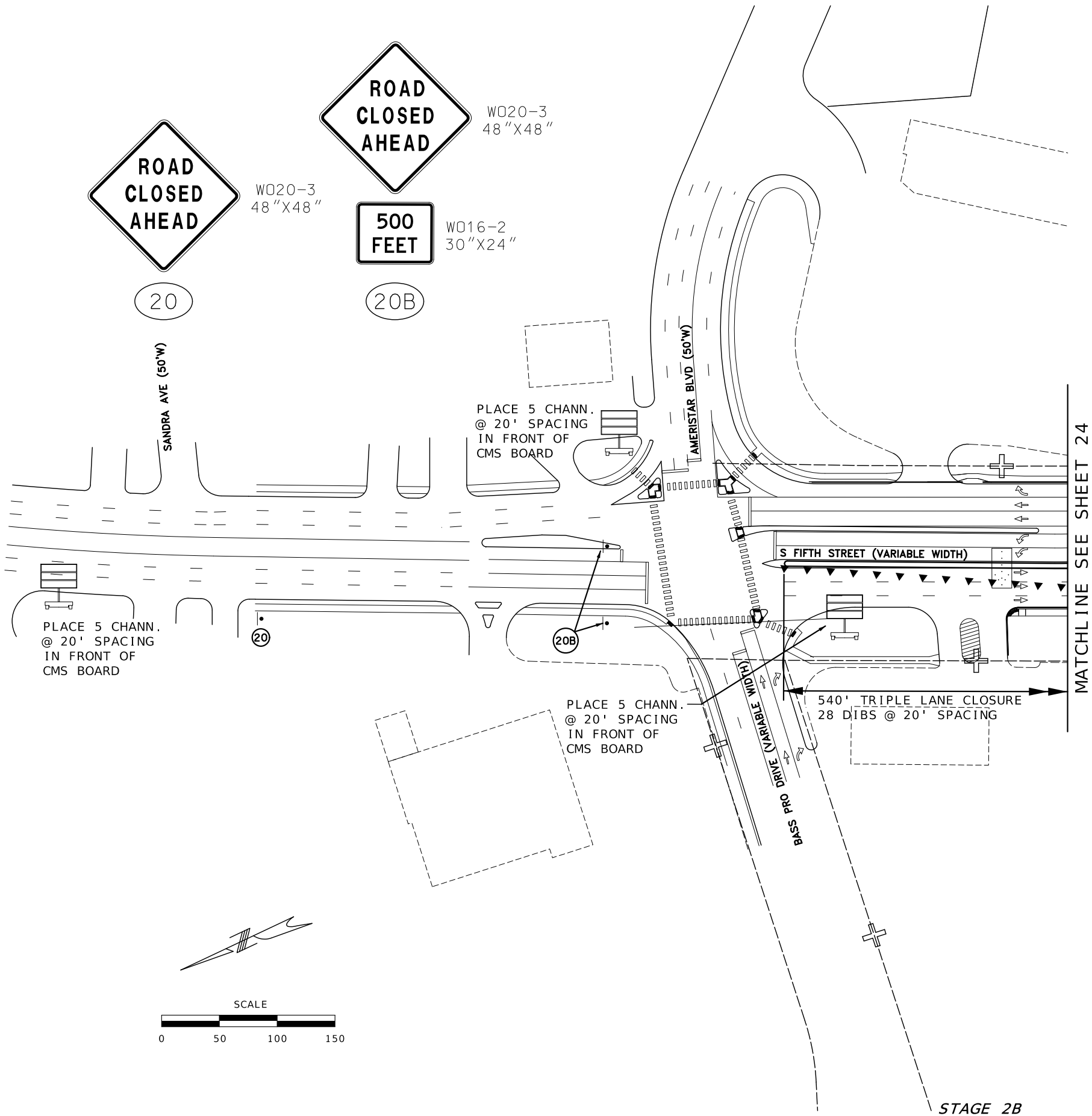
MoDOT

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

TRAFFIC CONTROL PLAN
S. FIFTH ST
NORTH BOUND LANES CLOSED
SHEET 2 OF 3

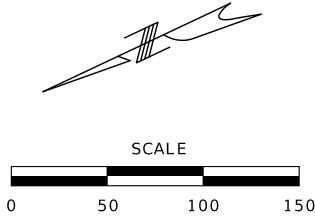


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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- LANE CLOSURE AREA
- WORK AREA



STATE OF MISSOURI
MICHAEL EDWARD BLATTNER
NUMBER PE-2008019525
PROFESSIONAL ENGINEER
07/01/2026 3:39:25 PM
MICHAEL EDWARD BLATTNER - CIVIL
MO-PE-2008019525

DATE PREPARED
6/30/2026

ROUTE 1 - 70 STATE MO
DISTRICT SL SHEET NO. 23
COUNTY ST. CHARLES
JOB NO. JSL0305
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A3582 & A3583

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

TRAFFIC CONTROL PLAN
SOUTH FIFTH ST
SOUTHBOUND LANES CLOSED
SHEET 1 OF 3

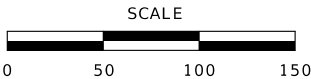
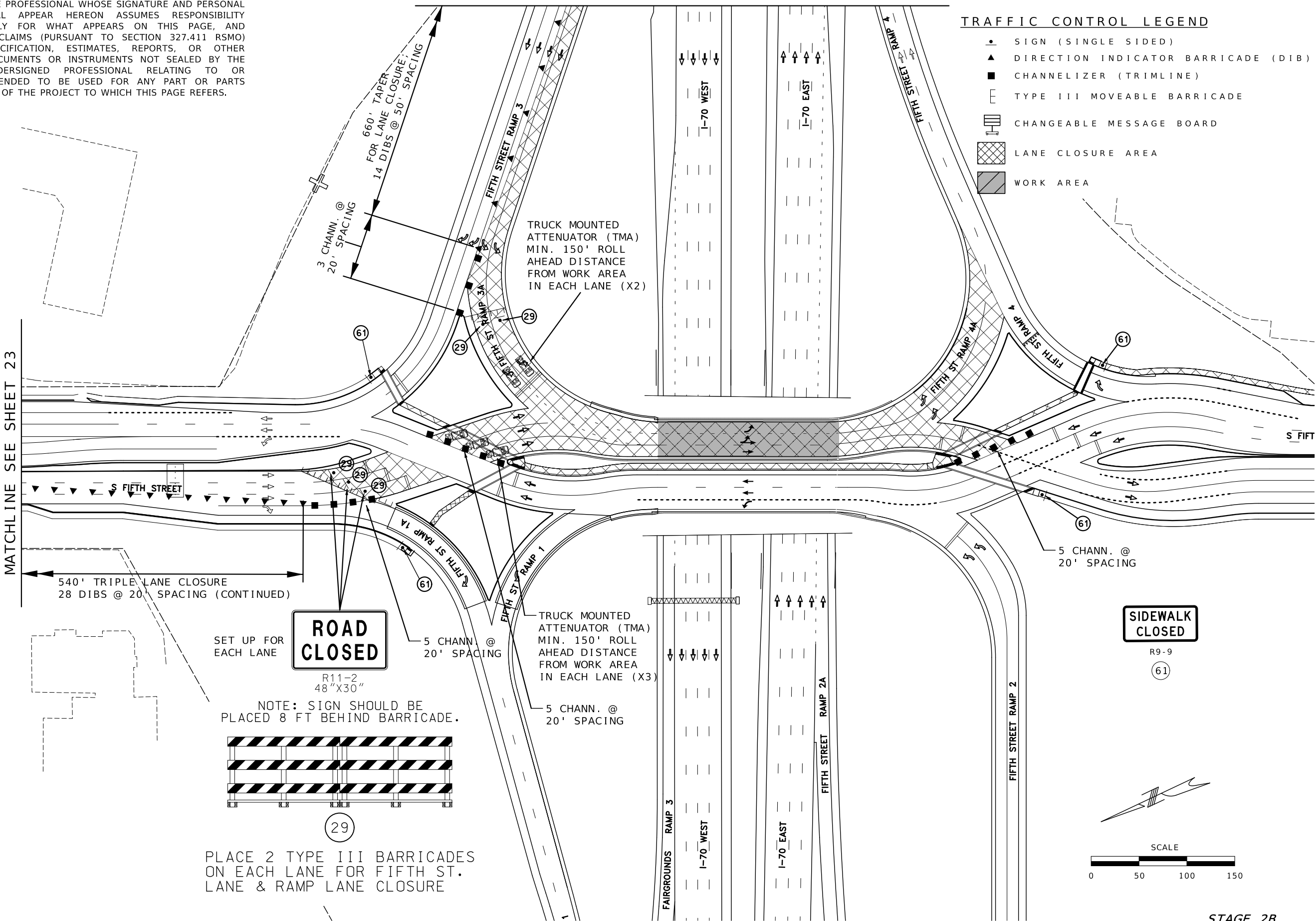
MATCHLINE SEE SHEET 25

DISCLAIMER
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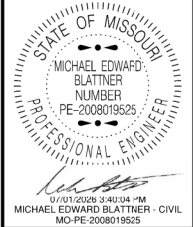
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTION INDICATOR BARRICADE (DIB)
- CHANNELIZER (TRIMLINE)
- [] TYPE III MOVEABLE BARRICADE
- [] CHANGEABLE MESSAGE BOARD
- [] LANE CLOSURE AREA
- [] WORK AREA

MATCHLINE SEE SHEET 23



STAGE 2B
SHEET 2 OF 3



DATE PREPARED 7/1/2026	
ROUTE I-70	STATE MO
DISTRICT SL	SHEET NO. 24
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL PLAN
SOUTH FIFTH ST
SOUTHBOUND LANES CLOSED
SHEET 2 OF 3

DISCLAIMER
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WO20-1
②



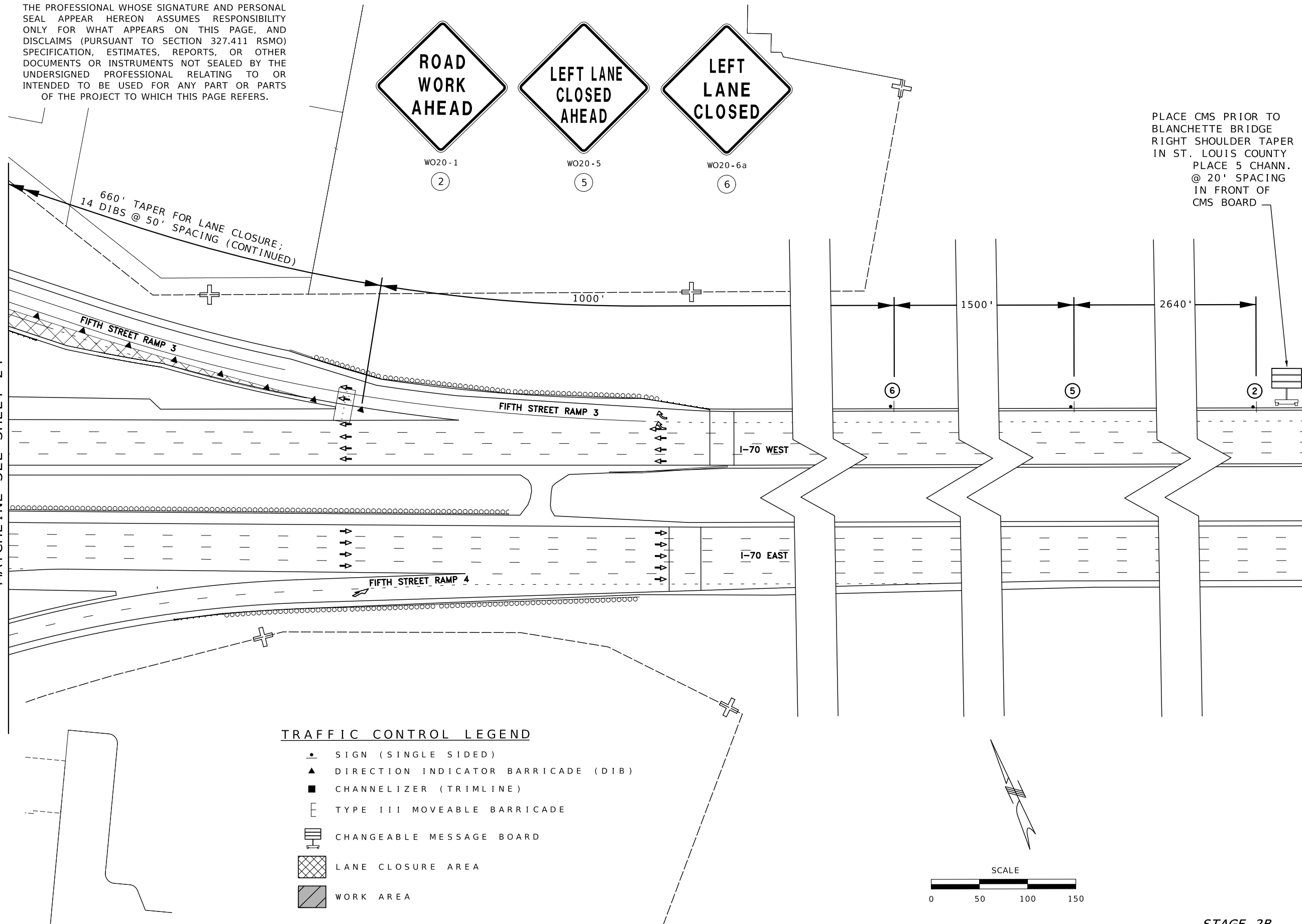
WO20-5
⑤



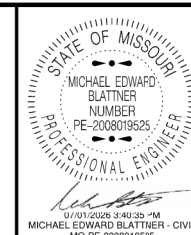
WO20-6a
⑥

PLACE CMS PRIOR TO
BLANCHETTE BRIDGE
RIGHT SHOULDER TAPER
IN ST. LOUIS COUNTY
PLACE 5 CHANN.
@ 20' SPACING
IN FRONT OF
CMS BOARD

MATCHLINE SEE SHEET 24



STAGE 2B
SHEET 3 OF 3



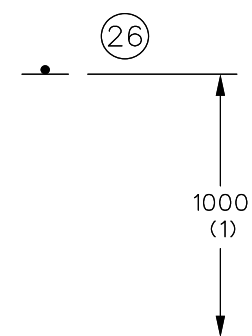
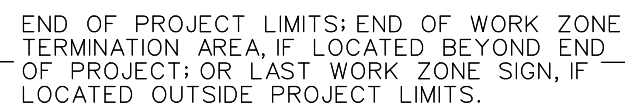
DATE PREPARED
6/30/2026
ROUTE
I-70
STATE
MO
DISTRICT
SL
SHEET NO.
25
COUNTY
ST. CHARLES
JOB NO.
JSL0305
CONTRACT ID.

PROJECT NO.
BRIDGE NO.
A3582 & A3583

DESCRIPTION	DATE

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

TRAFFIC CONTROL PLAN
SOUTH FIFTH ST
SOUTHBOUND LANES CLOSED
SHEET 3 OF 3

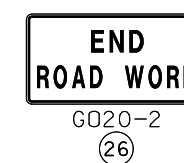
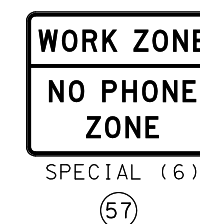
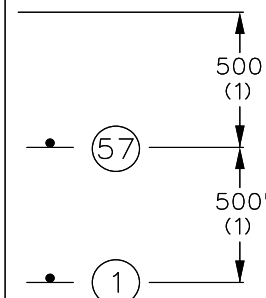
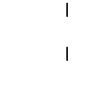
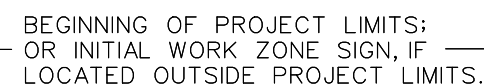


ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL
SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.
WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE
WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

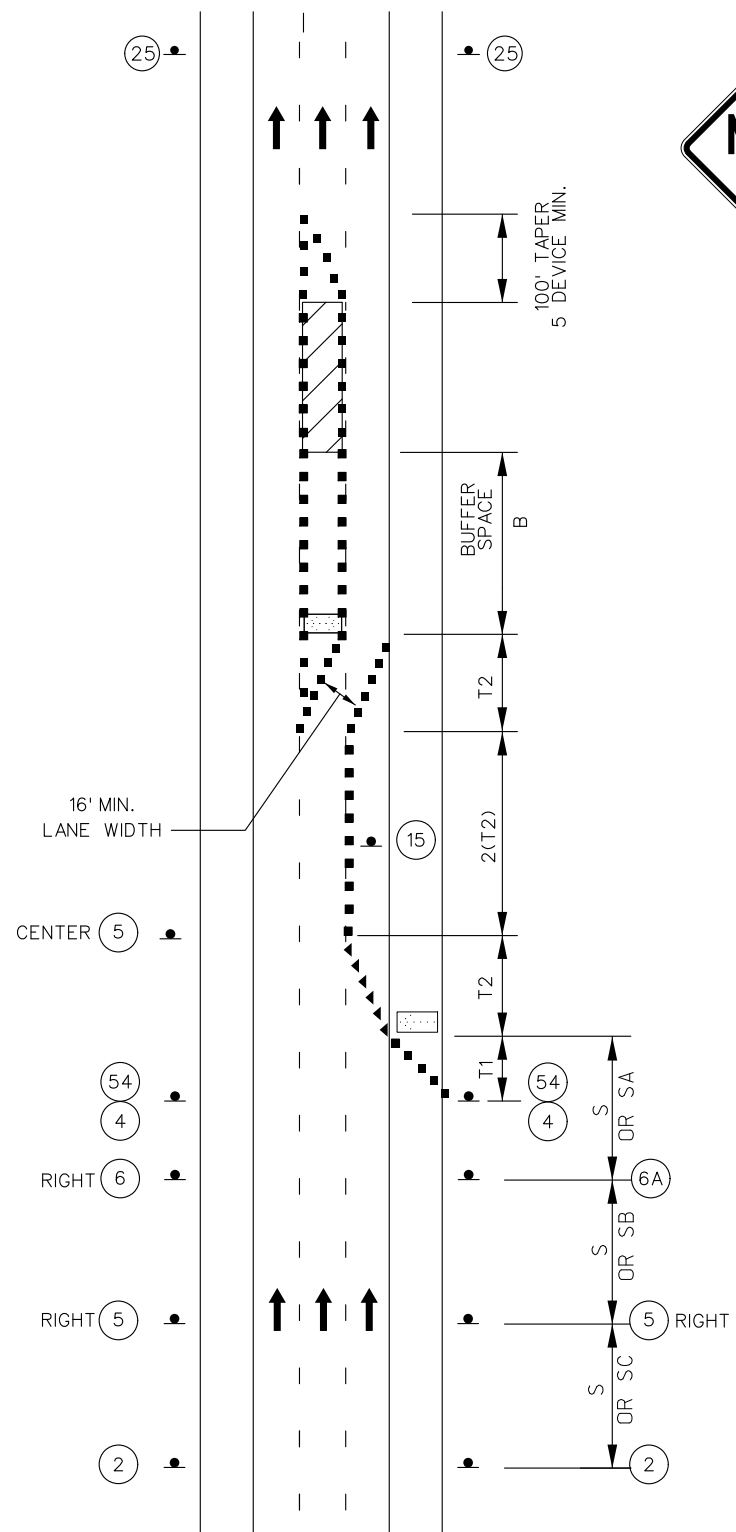


BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

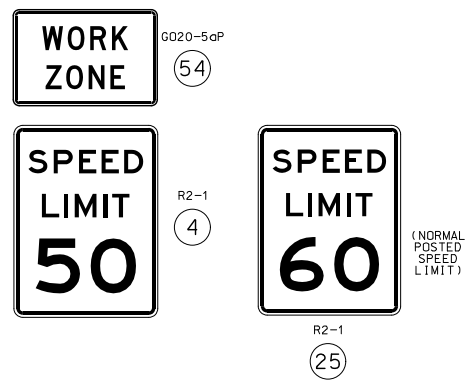
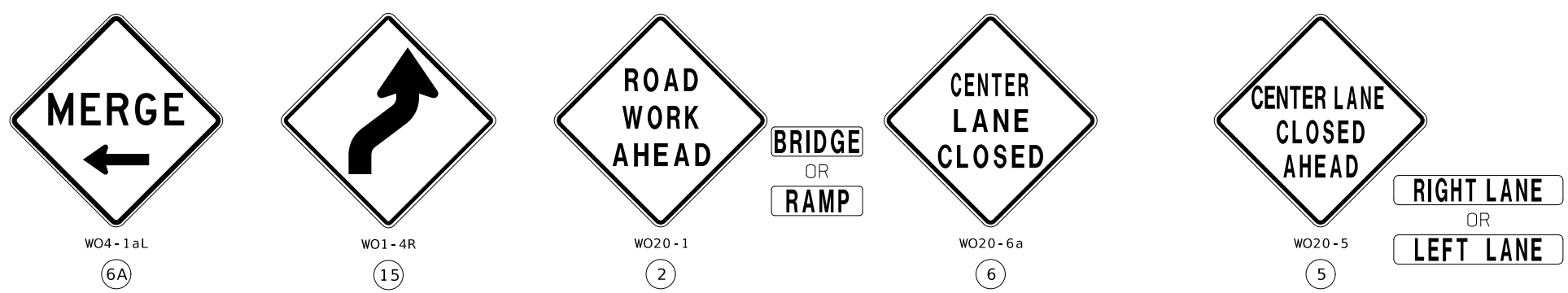
MULTI-LANE DIVIDED

NOT TO SCALE

	
DATE PREPARED 6/30/2026	
ROUTE I - 70	STATE MO
DISTRICT SL	SHEET NO. 26
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A3582 & A3583	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
105 WEST CAPITOL JEFFERSON CITY, MO 65102	
TRAFFIC CONTROL SHEET 1 OF 7	



INTERIOR LANE CLOSURE
ON MULTI-LANE HIGHWAY



NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

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

TRAFFIC CONTROL LEGEND	
	SIGN (SINGLE SIDED)
	DIRECTIONAL INDICATOR BARRICADE
	CHANNELIZER (TRIM-LINE)
	WORK AREA
	TEMPORARY CONCRETE BARRIER
	END TREATMENT
	FLASHING ARROW PANEL
	ADVANCE WARNING RAILS

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
PERM. POSTED (MPH)							
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

NOT TO SCALE

STATE OF MISSOURI

MICHAEL EDWARD BLATTNER

NUMBER

PE-2008019525

PROFESSIONAL ENGINEER

10/01/2026 9:41:41 PM

MICHAEL EDWARD BLATTNER - CIVIL

MO-PE-2008019525

DATE PREPARED

6/30/2026

ROUTE

1 - 70

STATE

MO

DISTRICT

SL

SHEET NO.

27

COUNTY

ST. CHARLES

JOB NO.

JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A3582 & A3583

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

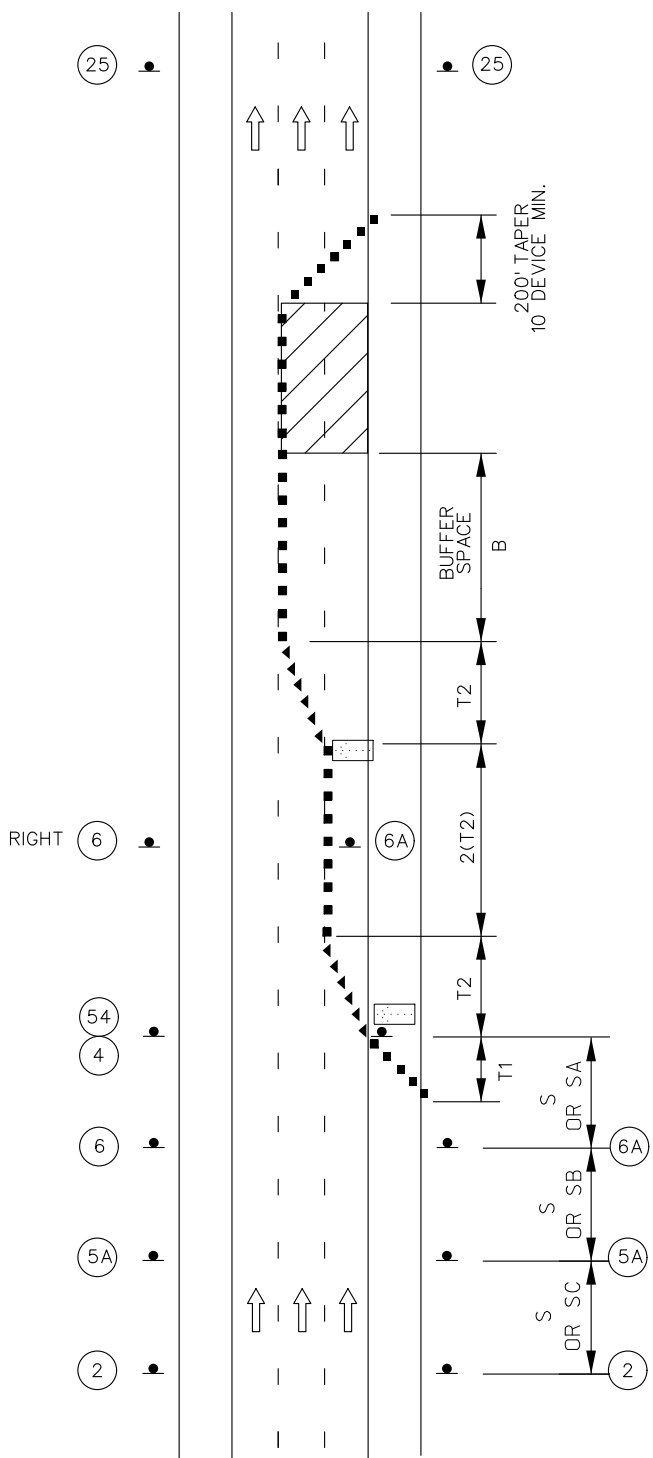
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

TRAFFIC CONTROL

SHEET 2 OF 7



DOUBLE LANE CLOSURE
ON A FREEWAY

NOT TO SCALE



WO20-1

2



WO20-5

6



WO20-5a

5A



WO4-1aL

6A



G020-5aP

54



R2-1

4



R2-1

25

(NORMAL
POSTED
SPEED
LIMIT)

NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

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

TRAFFIC CONTROL LEGEND	
	SIGN (SINGLE SIDED)
	DIRECTIONAL INDICATOR BARRICADE
	CHANNELIZER (TRIM-LINE)
	WORK AREA
	TEMPORARY CONCRETE BARRIER
	END TREATMENT
	FLASHING ARROW PANEL
	ADVANCE WARNING RAILS

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
PERM. POSTED (MPH)							
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

STATE OF MISSOURI
MICHAEL EDWARD BLATTNER
NUMBER
PE-2008019525
PROFESSIONAL ENGINEER

10/01/2025 3:42:09 PM
MICHAEL EDWARD BLATTNER - CIVIL
MO-PE-2008019525

DATE PREPARED
7/1/2026

ROUTE
1 - 70

DISTRICT
SL

STATE
MO

SHEET NO.
28

COUNTY
ST. CHARLES

JOB NO.
JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A3582 & A3583

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

[illegible]

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

[illegible]

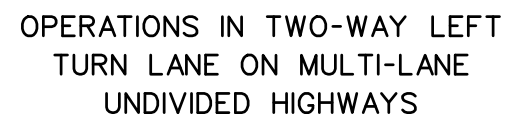


Diagram illustrating the sequence of signs for a bridge or ramp closure:

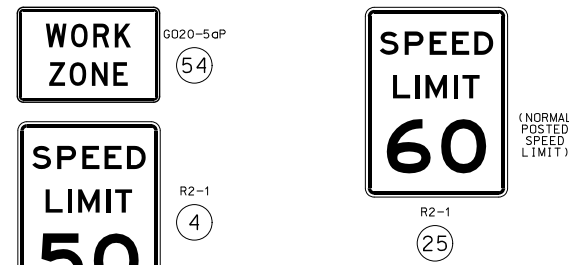
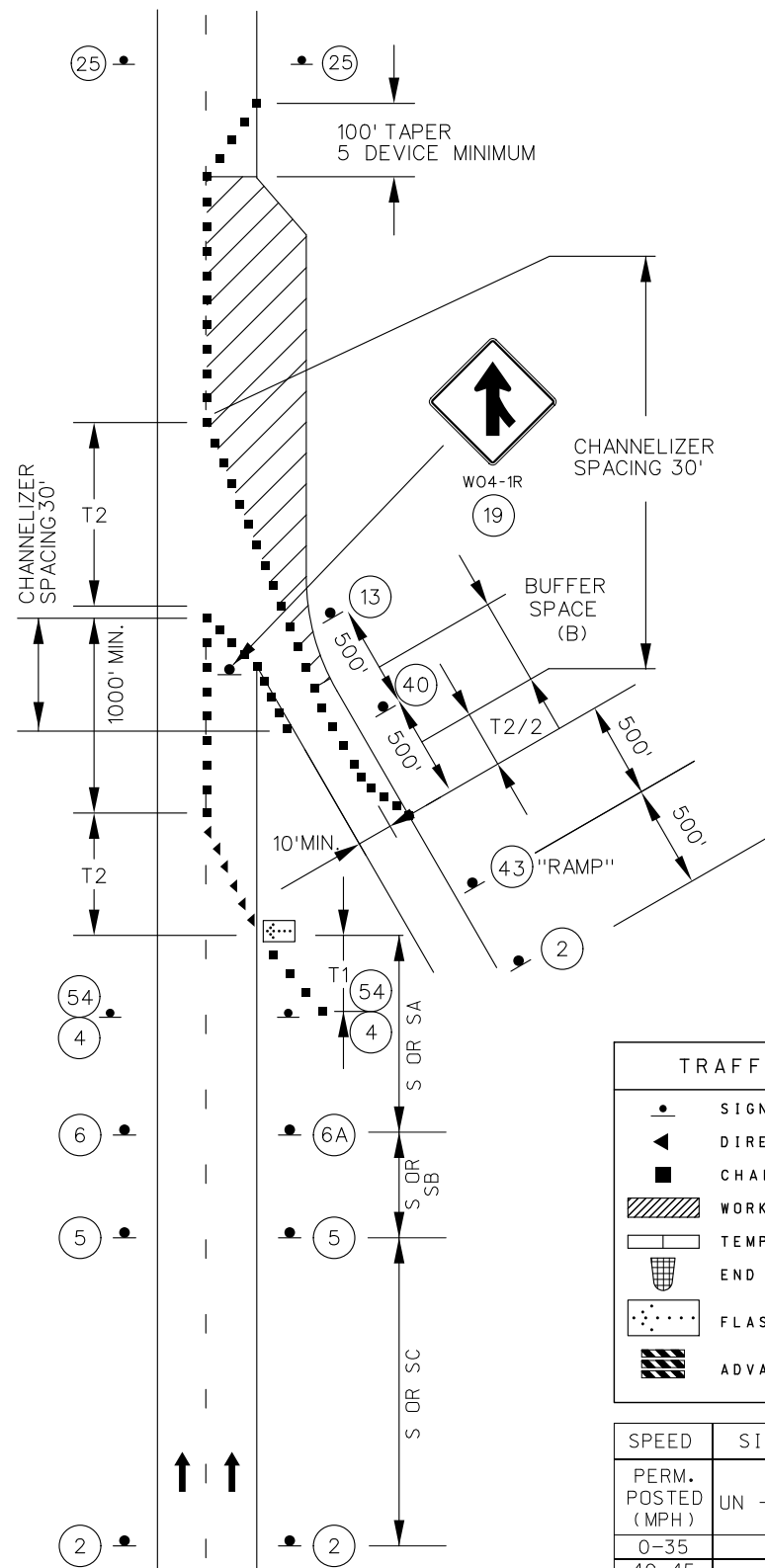
- Sign 1 (Diamond):** ROAD WORK AHEAD (WO20 - 1)
- Sign 2 (Rectangle):** BRIDGE OR RAMP
- Sign 3 (Diamond):** CENTER LANE CLOSED (WO20 - 6a)
- Sign 4 (Rectangle):** KEEP RIGHT (R4-7a)

The sequence is indicated by the circled numbers 2, 6, and 42 below the respective signs.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2
 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	—	200	70	245	280	35	40
40-45	—	350	150	540	400	40	80
50-55	—	500	185	660	560	50	80
60-70	—	1000	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.							

TRAFFIC CONTROL LEGEND	
	SIGN (SINGLE SIDED)
	DIRECTIONAL INDICATOR BARRICADE
	CHANNELIZER (TRIM-LINE)
	WORK AREA
	TEMPORARY CONCRETE BARRIER
	END TREATMENT
	FLASHING ARROW PANEL
	ADVANCE WARNING RAILS

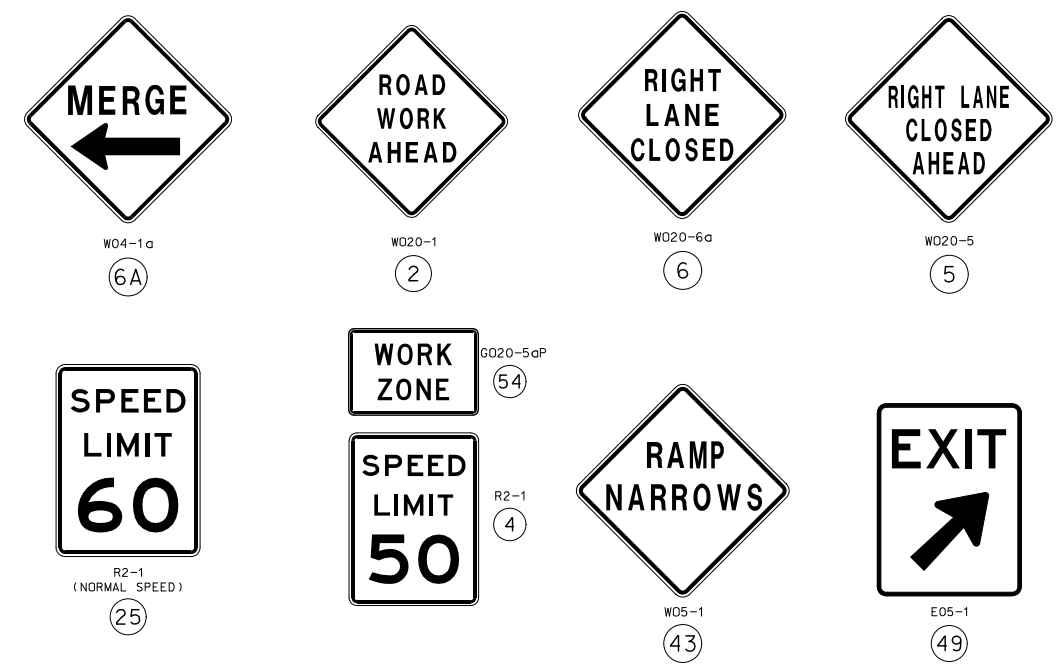
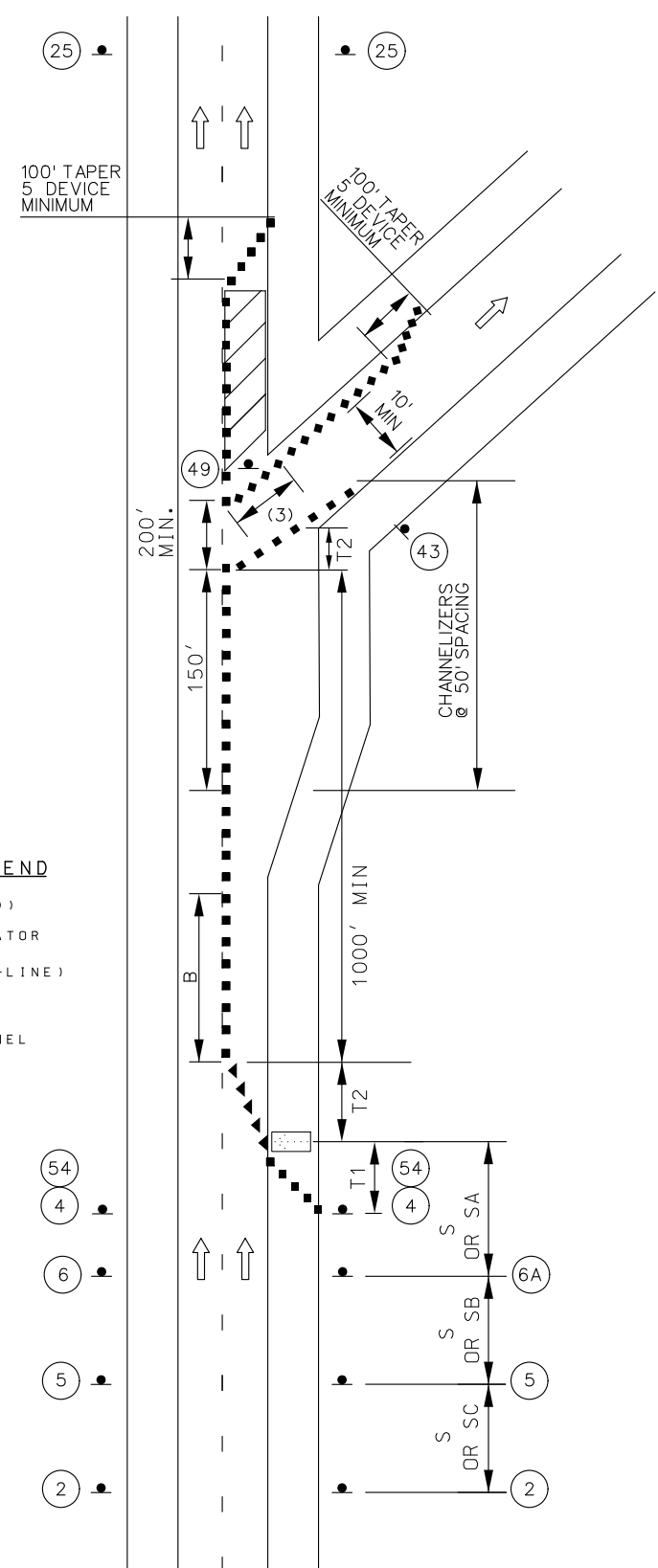
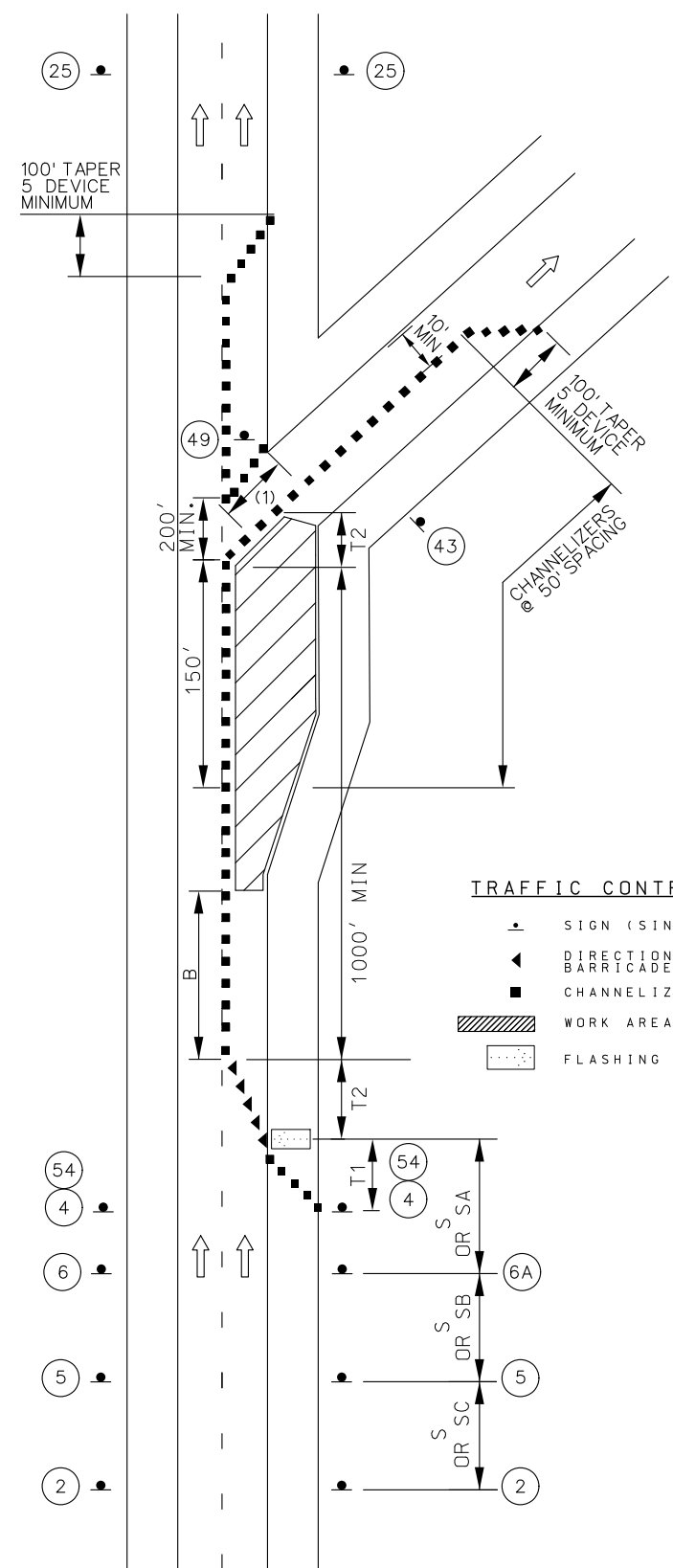


TRAFFIC CONTROL LEGEND	
	SIGN (SINGLE SIDED)
	DIRECTIONAL INDICATOR BARRICADE
	CHANNELIZER (TRIM-LINE)
	WORK AREA
	TEMPORARY CONCRETE BARRIER
	END TREATMENT
	FLASHING ARROW PANEL
	ADVANCE WARNING RAILS

[illegible]

WORK IN THE VICINITY
OF AN ENTRANCE RAMP

[illegible]



NOTES:

SEE EPG 616.18 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

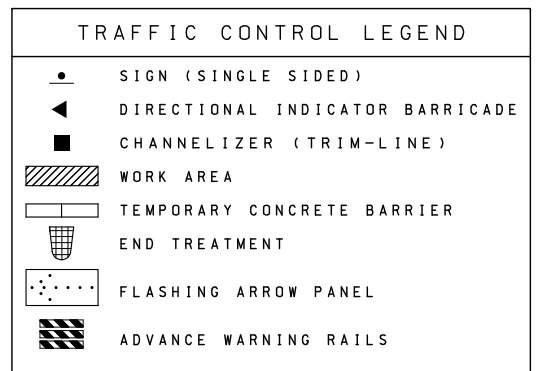
RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED

(3) 5 CHANNELIZER DEVICES MINIMUM

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.13.6 RUMBLE STRIPS.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.27.2.5.8 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

REVIEW EPG 620.8.1 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

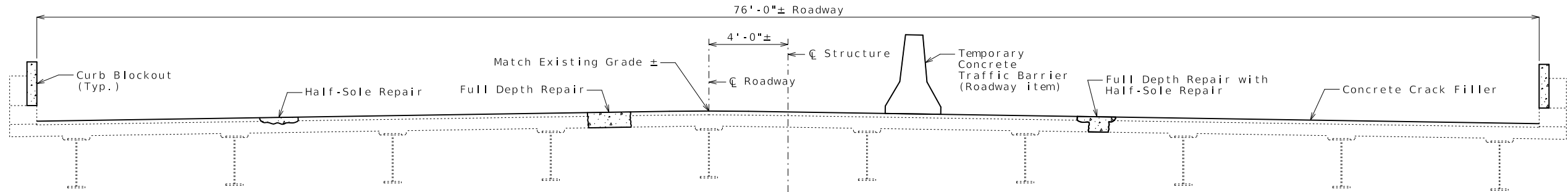
STATE OF MISSOURI
MICHAEL EDWARD BLATTNER
NUMBER
PE-2008019525
PROFESSIONAL ENGINEER
07/01/2025 3:44:49 PM
MICHAEL EDWARD BLATTNER - CIVIL
MO-PE-2008019525
DATE PREPARED
7/1/2026
ROUTE
1 - 70
DISTRICT
SL
COUNTY
ST. CHARLES
JOB NO.
JSL0305
CONTRACT ID.
PROJECT NO.
BRIDGE NO.
A3582 & A3583

DESCRIPTION
DATE

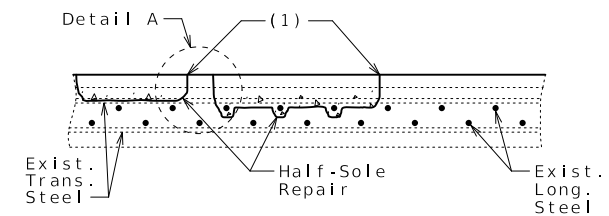
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
SHEET 7 OF 7

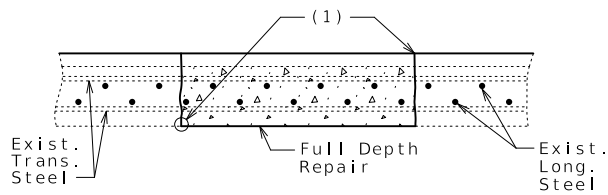
U.I.P. AND REHABILITATE EXISTING (33'-55'-47'-27') CONTINUOUS COMPOSITE I-BEAM SPANS (SKEW: 1°17'00" R.A.)



TYPICAL SECTION THRU EXISTING DECK

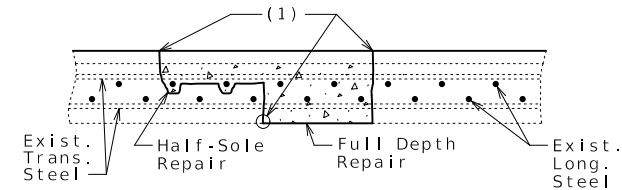


HALF-SOLE REPAIR

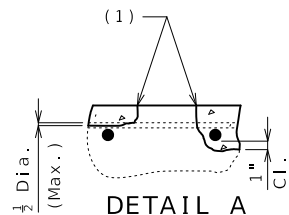


FULL DEPTH REPAIR

(1) 1" vertical side shall be established outside the deteriorated area.

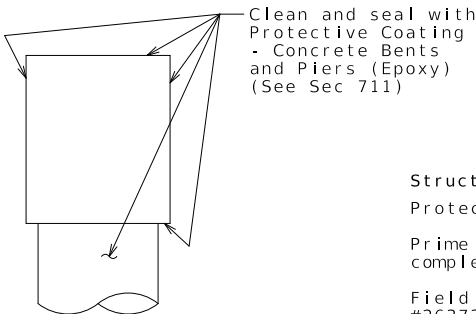


FULL DEPTH REPAIR WITH HALF-SOLE REPAIR



DETAIL A

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.



PART SECTION THRU SUBSTRUCTURE BEAM AT INTERMEDIATE BENTS NO. 2, 3 & 4 SHOWING PROTECTIVE COATING

PART SECTION THRU END BENTS NO. 1 & 5 SHOWING SUBSTRUCTURE REPAIR

Estimate 5 square feet of Substructure Repair @ End Bent No. 1 and 40 square feet @ End Bent No. 5

Structural Steel Protective Coatings:

Protective Coating: System L in accordance with Sec 1081.

Prime Coat: The cost of the inorganic zinc prime coat will be considered completely covered by the contract unit price for the fabricated structural steel.

Field Coat(s): The color of the field coat(s) shall be Gray (Federal Standard #26373). The cost of the finish field coat will be considered completely covered by the contract unit price per sq. foot for Finish Field Coat (System L).

At the option of the contractor, the finish field coat may be applied in the shop. The contractor shall exercise extreme care during all phases of loading, hauling, handling, erection and pouring of the slab to minimize damage and shall be fully responsible for all repairs and cleaning of the coating systems as required by the engineer.

Estimated Quantities		
Item		Total
Removal of Existing Expansion Joint Seal or Sealant	linear foot	152
Removal of Steel Diaphragm	each	6
Curb Blockout	linear foot	358
Substructure Repair (Unformed)	sq. foot	45
* Half-Sole Repair	sq. foot	50
Full Depth Repair	sq. foot	50
Concrete Crack Filler	sq. yard	1722
Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
Surface Preparation for Recoating Structural Steel	sq. foot	11,800
Field Application of Inorganic Zinc Primer	sq. foot	11,800
Finish Field Coat (System L)	sq. foot	11,800
Non-Destructive Testing	linear foot	100
Grind Surface Deformities	lump sum	1
Heat Straightening	lump sum	1
Open Cell Foam Joint Seal	linear foot	152

* Estimate 25 square feet of Half-Sole Repair on west bridge approach slab.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20-44 & Alternate Military (1973 & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Curb Blockout) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Miscellaneous:

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

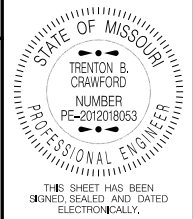
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 1-70 EB OVER 5TH STREET

ROUTE 1-70 EB FROM ROUTE 94 TO ROUTE 141
ABOUT 1.1 MILES EAST OF ROUTE 94
BEGINNING STATION 1373+49.33± (Match Existing)

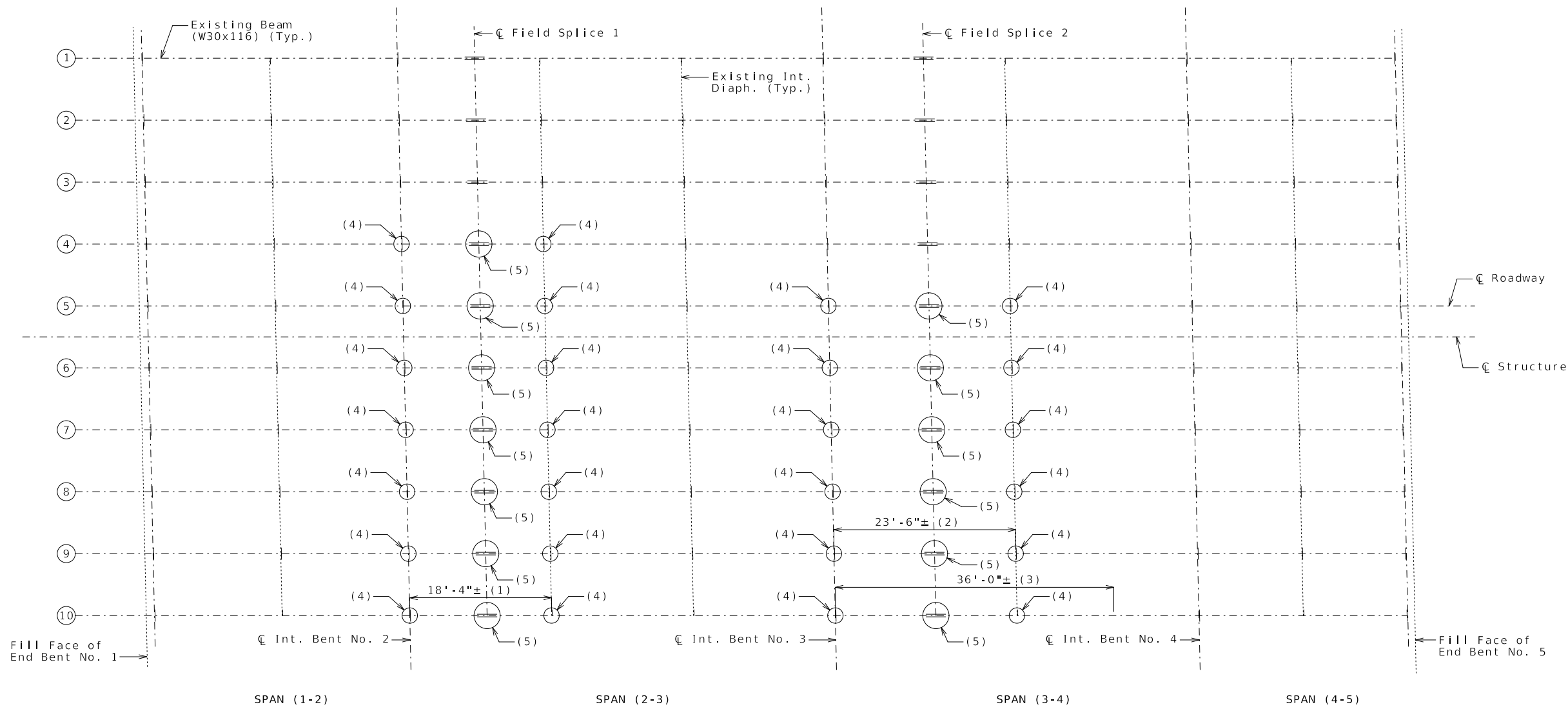


DATE PREPARED
6/25/2026
ROUTE
1-70
STATE
MO
DISTRICT
BR
SHEET NO.
1
COUNTY
ST. CHARLES
JOB NO.
JSL0305
CONTRACT ID.

PROJECT NO.
BRIDGE NO.
A35825

DESCRIPTION	DATE





PART PLAN SHOWING ESTIMATED LOCATIONS OF REPAIRS

Repair Notes:

When cracks are detected in bearing stiffeners or connection plates, remove the existing cross frame or intermediate diaphragm to enable repair of the plates.

Grind and re-weld bearing stiffener and connection plates where cracks are discovered, then reinstall cross frame or diaphragm.

After all repairs are completed, recoat all structural steel with System L. Existing paint system is calcium sulfonate over basic lead chromium.

- (1) Approximate limits of required heat straightening in Span (2-3), Beams 5-10
- (2) Approximate limits of required heat straightening in Span (3-4), Beams 6-9
- (3) Approximate limits of required heat straightening in Span (3-4), Beam 10
- (4) Perform non-destructive testing of existing bearing stiffener and connection plate welds to confirm suitability for re-use.
- (5) Replace damaged bolts as required. A maximum of four bolts may be removed per splice at any one time.

REPAIR PLAN

Detailed Apr. 2026
Checked May 2026

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

Sheet No. 2 of 7

STATE OF MISSOURI

TRENTON B. CRAWFORD

NUMBER
PE-2012018053

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
6/25/2026

ROUTE
1 - 70

DISTRICT
BR

COUNTY
ST. CHARLES

JOB NO.
JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A32825

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
6/25/2026
ROUTE **1 - 70** STATE **MO**
DISTRICT **BR** SHEET NO. **3**

COUNTY
ST. CHARLES
JOB NO.
JSL0305
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A35825

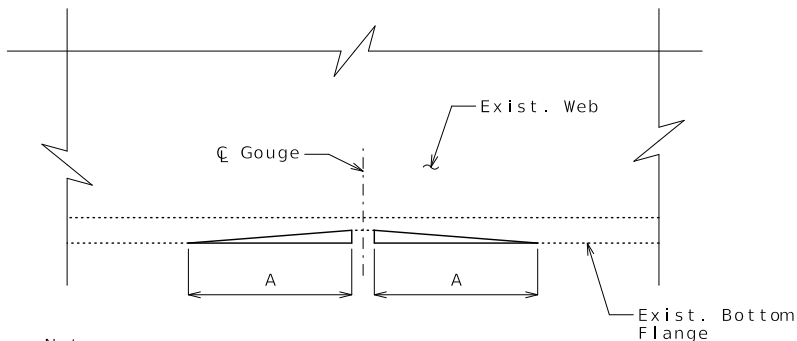
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

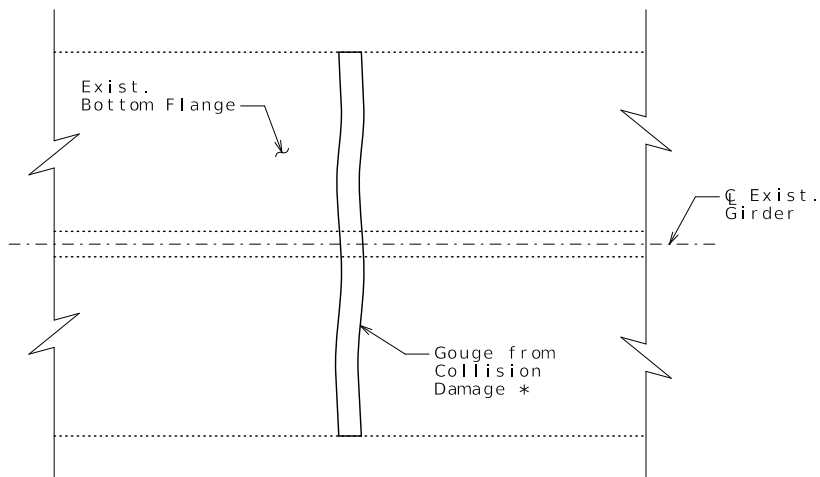
GOUGE REPAIR TYPE 1



Note:
Repairs by grinding shall have edges flared to the flange surface with a slope not exceeding 1 in 10.

GRIND DETAIL FOR FLANGE

DEPTH	A
< $\frac{3}{16}$ "	$\frac{17}{8}$ "



PLAN OF GOUGE COLLISION DAMAGE

EVALUATION OF FLANGE GOUGE REPAIRS

If the length of gouge is less than or equal to 2 inches and depth of the gouge is 1/16 inch or less, then no repair is necessary.

If the length of the gouge is greater than 2 inches and the depth of the gouge is 3/16 inch or less, then use Gouge Repair Type 1.

If the depth of the gouge is greater than 3/16 inch, then use Gouge Repair Type 2.

Payment for girder gouge repairs will be completely covered by Grind Surface Deformities. See Special Provisions.

* The girder bottom flange shall be repaired for gouging resulting from collision damage as directed by the Engineer. The Contractor shall not perform any repairs until the defects have been reviewed and categorized as Type 1 or Type 2 by the Engineer.

GOUGE REPAIR TYPE 2

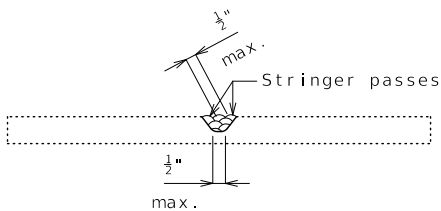
Note:

Type 2 repairs shall consist of welding the gouge and grinding it smooth at the Engineer's discretion prior to coating. Welding shall be in accordance with AWS D1.5 standards.

WELD NOTES

All welds shall be made using 1/8" or 5/32" E7018 electrodes only (Not E7028).

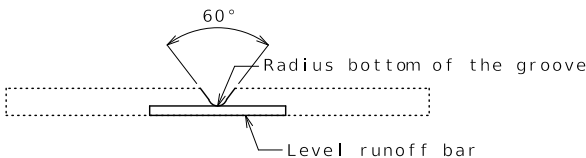
Maximum weld size shall be 1/2" across the face of the weld on each pass. Stringer passes shall be used to achieve this dimension.



Preheat shall be 250°F min. prior to any tacking or welding.

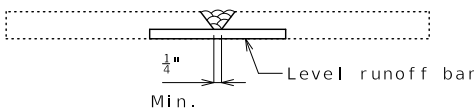
All runoff bars and weld backing bars shall be 1/4" x 1 1/2" flat bar minimum, and shall extend 2" beyond the edge of the flange.

The groove welds shall have a min. of 60° inclined angle.



All welds shall be started 1" out on the runoff bar and continued toward the center of the flange. Runoff bars shall be level with the bottom of the groove.

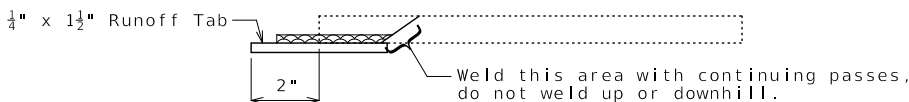
100% penetration welds shall have a min. 1/4" root opening and all welding shall be done from the top side.



All runoff bars shall be burned off 1/8" min. beyond the edge of the flange and ground flush.

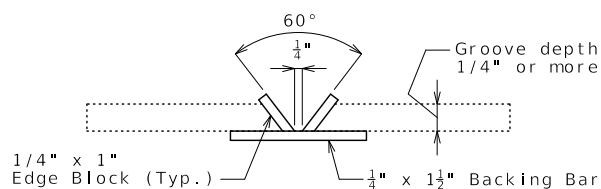
All 100% groove weld backing bars shall be torched or arc gouged off to within 1/8" of the flange and then ground smooth. The bottom of the flange shall be ground smooth after welding.

All welds shall be made in the flat position with no welding up or down on incline slope.



Use 1/4" x 1" flat bar to support the edge of welds that are layered, anytime the groove depth exceeds 1/4".

GOUGE REPAIR TYPE 2 (CONT.)



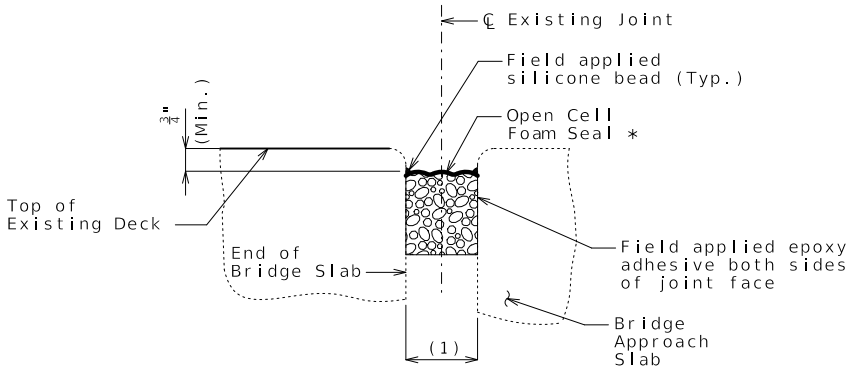
Edge blocks shall extend 2" from edge of flange, and be removed after welding in the same manner as the backing bar. All welds shall be ground smooth.

Notes:

All Type 2 Repairs to girder flanges shall be Q.C. inspected by ultra-sonic testing. Acceptance or rejection of the repair welds shall be based on the requirements of Table 9.2 of AWS D1.5-95.

Welders shall be AWS Certified for overhead welding.

GOUGE REPAIR DETAILS



SECTION THRU JOINT
AT BENTS NO. 1 & 5

SKEW = 1°17'00"

* Manufacturer's recommended size

Extend seal 3" past edges of slab.

General Notes:

Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

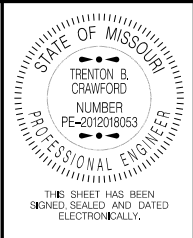
The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

(1) Allowed installation gap (±) normal to joint at roadway surface (see table)

Movement Parallel to Rdwy	Movement Normal to Joint	Min. Jt. Width (Normal to Joint)	Max. Jt. Width (Normal to Joint)	(1) Allowed Installation Gap (±) Normal to Joint at Roadway Surface at Air/Surface Temperature				Manufacturer	Seal Name
				@ 40°F	@ 50°F	@ 60°F	@ 70°F		
1"	1"	2 ⁹ / ₁₆ "	3 ⁵ / ₈ "	3 ¹ / ₈ "	3 ¹ / ₁₆ "	3"	2 ¹⁵ / ₁₆ "		

MoDOT construction personnel will record the manufacturer and seal name that was used.



DATE PREPARED	
6/25/2026	
ROUTE	STATE
I - 70	MO
DISTRICT	SHEET NO.
BR	4
COUNTY	
ST. CHARLES	
JOB NO.	
JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
A35825	

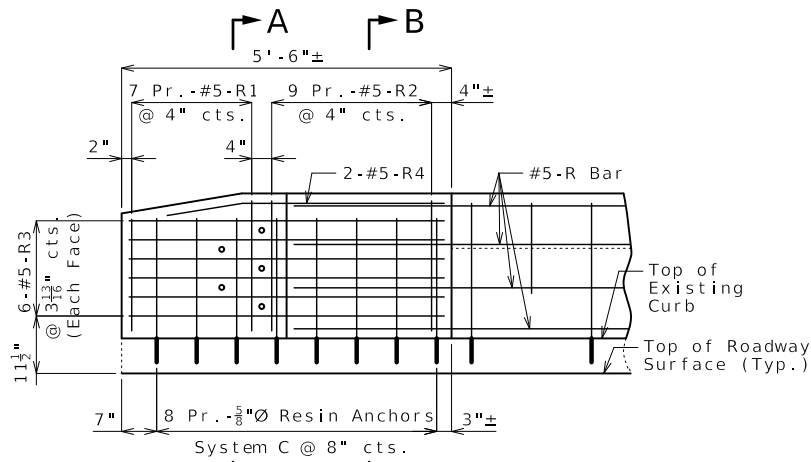
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

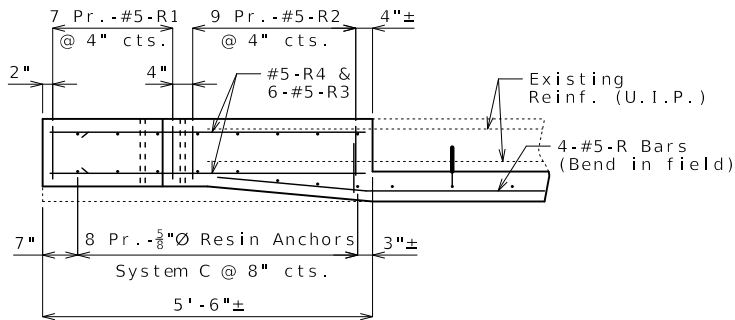


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OPEN CELL FOAM JOINT SEAL



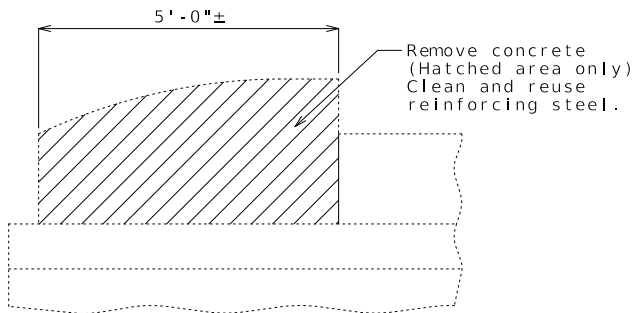
ELEVATION SHOWING REINFORCEMENT



PLAN SHOWING REINFORCEMENT

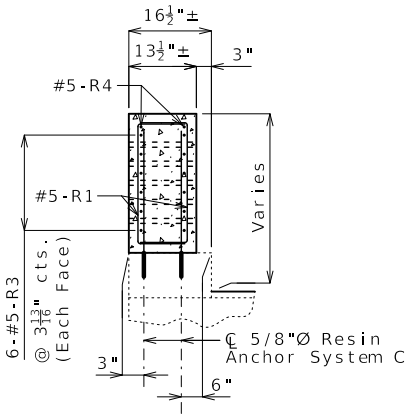
LEFT END POST AT END BENT NO. 1

(Right End Post at End Bent No. 5 similar)

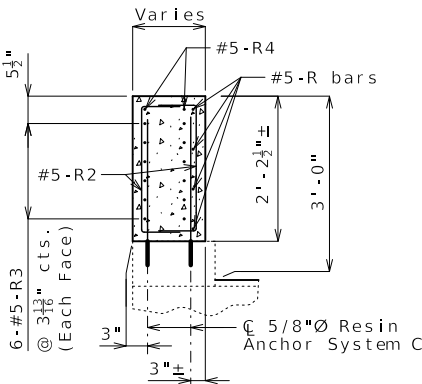


PART ELEVATION SHOWING END POST
CONCRETE REMOVAL

Cost of removing existing end posts will be considered completely covered by the contract unit price for Curb Blockout.



SECTION A-A



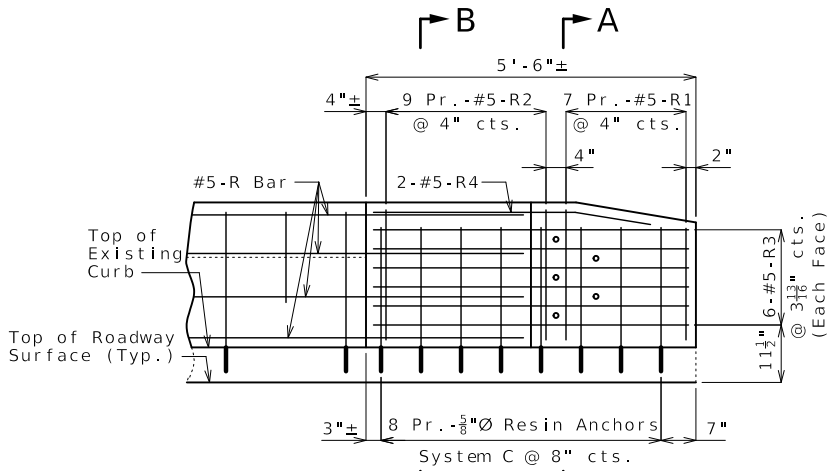
SECTION B-B

Notes:

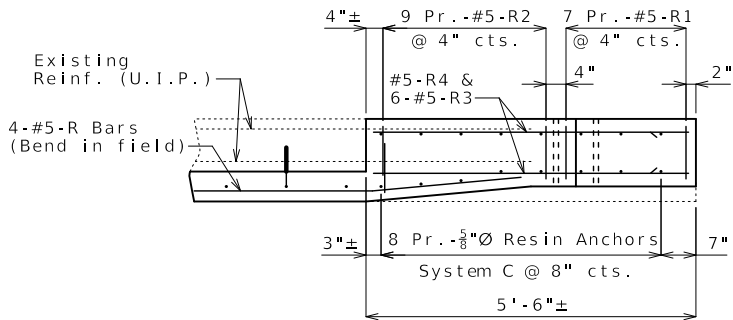
Work this sheet with Sheet No. 5.

For details of resin anchors, see Sheet No. 5.

Resin anchors shall be shifted or bent in field to clear one-inch diameter holes by at least 1/2 inch.



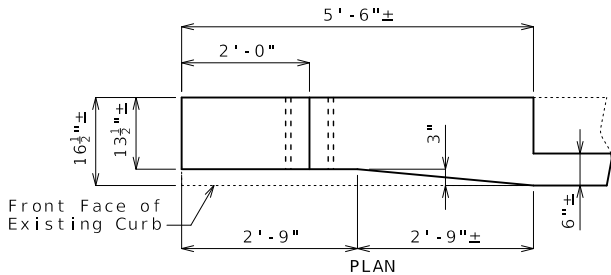
ELEVATION SHOWING REINFORCEMENT



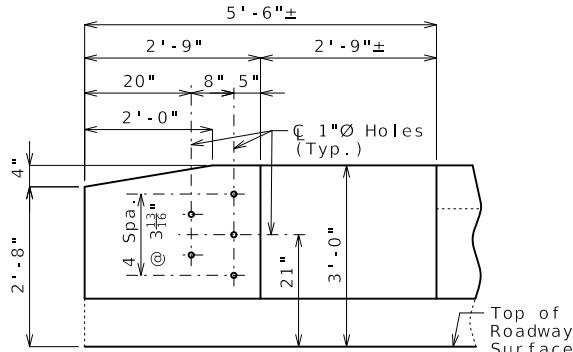
PLAN SHOWING REINFORCEMENT

LEFT END POST AT END BENT NO. 5

(Right End Post at End Bent No. 1 similar)

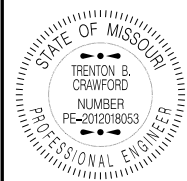


PLAN



ELEVATION

DETAILS OF END POST AND
GUARD RAIL ATTACHMENT



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED

6/25/2026

ROUTE STATE

I - 70 MO

DISTRICT SHEET NO.

BR 6

COUNTY

ST. CHARLES

JOB NO.

JSL0305

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A35825

DESCRIPTION

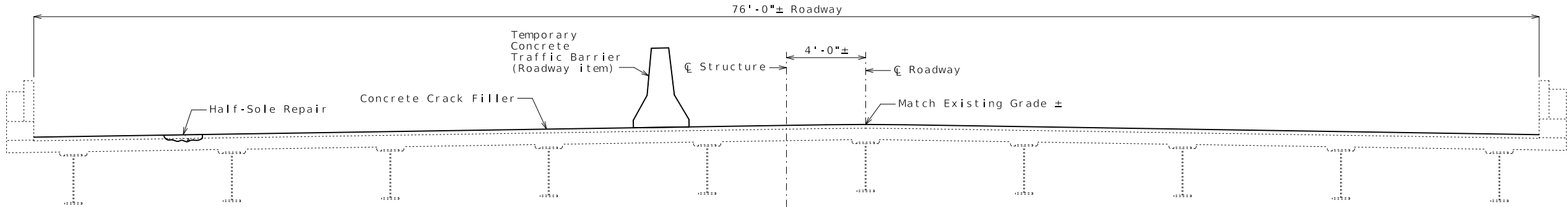
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

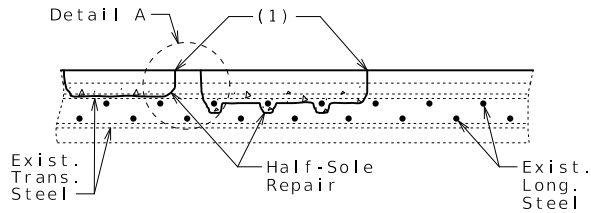
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

U.I.P. AND REHABILITATE EXISTING (33'-55'-47'-27') CONTINUOUS COMPOSITE I-BEAM SPANS (SKEW: SQUARE)

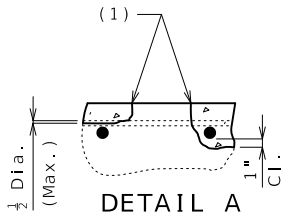


TYPICAL SECTION THRU EXISTING DECK



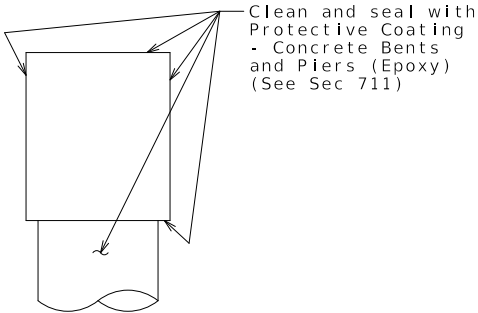
HALF-SOLE REPAIR

(1) 1" vertical side shall be established outside the deteriorated area.



DETAIL A

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.



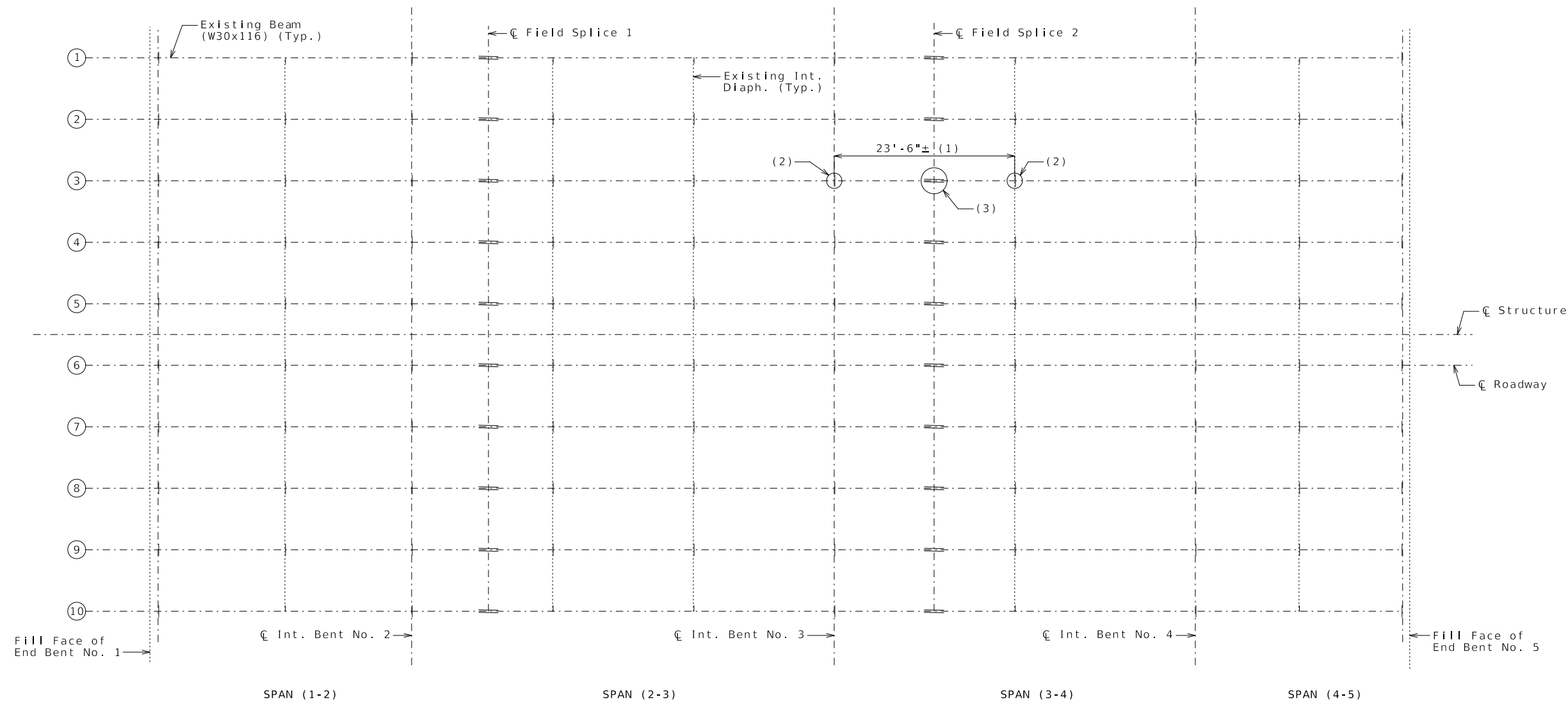
PART SECTION THRU SUBSTRUCTURE BEAM AT INTERMEDIATE BENTS NO. 2, 3 & 4 SHOWING PROTECTIVE COATING

Structural Steel Protective Coatings:
Protective Coating: System L in accordance with Sec 1081.
Prime Coat: The cost of the inorganic zinc prime coat will be considered completely covered by the contract unit price for the fabricated structural steel.
Field Coat(s): The color of the field coat(s) shall be Gray (Federal Standard #26373). The cost of the finish field coat will be considered completely covered by the contract unit price per sq. foot for Finish Field Coat (System L).
At the option of the contractor, the finish field coat may be applied in the shop. The contractor shall exercise extreme care during all phases of loading, hauling, handling, erection and pouring of the slab to minimize damage and shall be fully responsible for all repairs and cleaning of the coating systems as required by the engineer.

Estimated Quantities		
Item		Total
Removal of Existing Expansion Joint Seal or Sealant	linear foot	152
Removal of Steel Diaphragm	each	4
Half-Sole Repair	sq. foot	50
Concrete Crack Filler	sq. yard	1385
Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
Surface Preparation for Recoating Structural Steel	sq. foot	11,800
Field Application of Inorganic Zinc Primer	sq. foot	11,800
Finish Field Coat (System L)	sq. foot	11,800
Non-Destructive Testing	linear foot	200
Grind Surface Deformities	lump sum	1
Heat Straightening	lump sum	1
Open Cell Foam Joint Seal	linear foot	152

General Notes:
Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7
Design Loading:
HS20-44 & Alternate Military (1973 & New Construction)
Miscellaneous:
All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.
Traffic Handling:
Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 1-70 WB OVER 5TH STREET
ROUTE 1-70 WB FROM MISSOURI RIVER TO ROUTE 94 ABOUT 1.1 MILES EAST OF ROUTE 94
BEGINNING STATION 1373+47.71± (Match Existing)



PART PLAN SHOWING ESTIMATED LOCATIONS OF REPAIRS

Repair Notes:

When cracks are detected in bearing stiffeners or connection plates, remove the existing cross frame or intermediate diaphragm to enable repair of the plates.

Grind and re-weld bearing stiffener and connection plates where cracks are discovered, then reinstall cross frame or diaphragm.

After all repairs are completed, recoat all structural steel with System L. Existing paint system is calcium sulfonate over basic lead chromium.

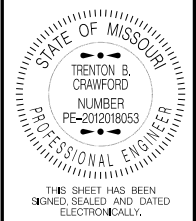
- (1) Approximate limits of required heat straightening in Span (3-4), Beam 3
- (2) Perform non-destructive testing of existing bearing stiffener and connection plate welds to confirm suitability for re-use.
- (3) Replace damaged bolts as required. A maximum of four bolts may be removed per splice at any one time.

REPAIR PLAN

Detailed Apr. 2026
Checked May 2026

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

Sheet No. 2 of 4



DATE PREPARED 6/25/2026	
ROUTE 1 - 70	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A35835	

DESCRIPTION	DATE

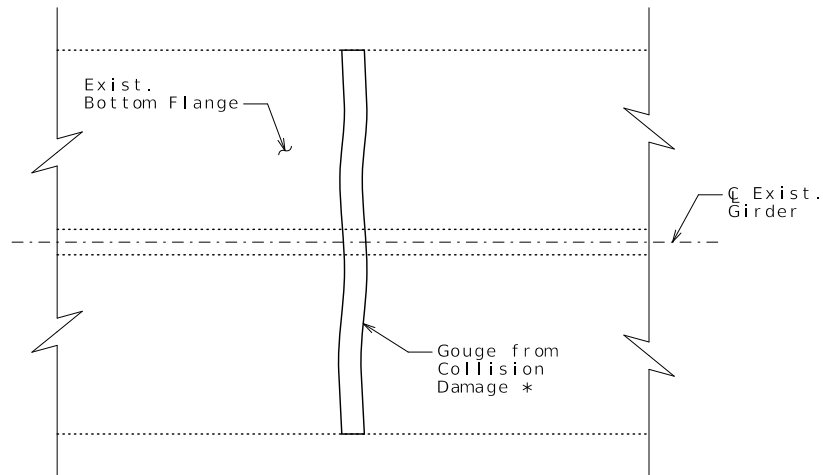
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Note:

GRIND DETAIL FOR FLANGE

DEPTH	A
$< \frac{3}{16}''$	$1\frac{7}{8}''$

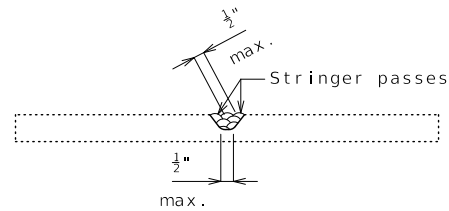


EVALUATION OF FLANGE GOUGE REPAIRS

* The girder bottom flange shall be repaired for gouging resulting from collision damage as directed by the Engineer. The Contractor shall not perform any repairs until the defects have been reviewed and categorized as Type 1 or Type 2 by the Engineer.

Type 2 repairs shall consist of welding the gouge and grinding it smooth at the Engineer's discretion prior to coating. Welding shall be in accordance with AWS D1.5 standards.

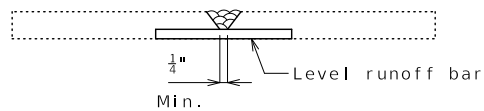
Maximum weld size shall be 1/2" across the face of the weld on each pass. Stringer passes shall be used to achieve this dimension.



All runoff bars and weld backing bars shall be 1/4" x 1 1/2" flat bar minimum, and shall extend 2" beyond the edge of the flange.

Diagram illustrating the geometry of the groove. The groove has a 60° angle. The bottom of the groove is defined by a radius, labeled "Radius bottom of the groove". The level runoff bar is shown below the groove, labeled "Level runoff bar".

100% penetration welds shall have a min. 1/4" root opening and all welding shall be done from the top side.



All 100% groove weld backing bars shall be torched or arc gouged off to within 1/8" of the flange and then ground smooth. The bottom of the flange shall be ground smooth after welding.

$\frac{1}{4}$ " x $1\frac{1}{2}$ " Runoff Tab

2"

Weld this area with continuing passes,
do not weld up or downhill.

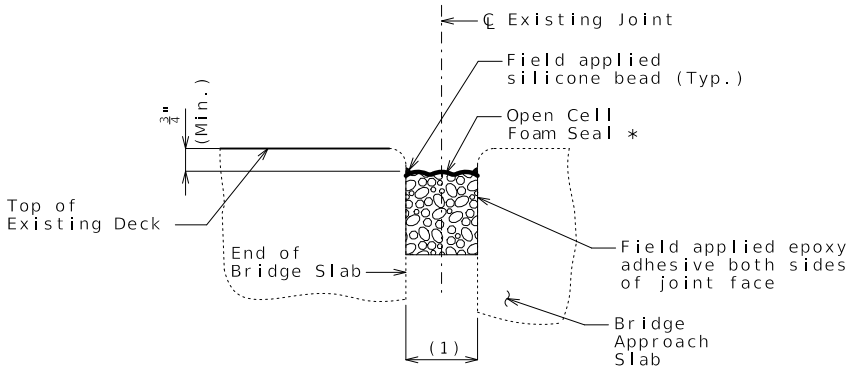
Use 1/4" x 1" flat bar to support the edge of welds that are layered, anytime the groove depth exceeds 1/4".

Diagram illustrating the V-groove weld joint dimensions:

- 60° angle
- 1/4" groove depth
- 1/4" x 1" Edge Block (Typ.)
- 1/4" x 1 1/2" Backing Bar

All Type 2 Repairs to girder flanges shall be Q.C. inspected by ultra-sonic testing. Acceptance or rejection of the repair welds shall be based on the requirements of Table 9.2 of AWS D1.5-95.

Welders shall be AWS Certified for overhead welding.



SECTION THRU JOINT
AT BENTS NO. 1 & 5

SKEW = 00°00'00"

* Manufacturer's recommended size

Extend seal 3" past edges of slab.

General Notes:

Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

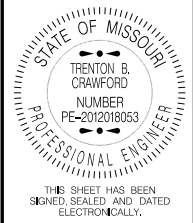
The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

(1) Allowed installation gap (±) normal to joint at roadway surface (see table)

Movement Parallel to Rdwy	Movement Normal to Joint	Min. Jt. Width (Normal to Joint)	Max. Jt. Width (Normal to Joint)	(1) Allowed Installation Gap (±) Normal to Joint at Roadway Surface at Air/Surface Temperature				Manufacturer	Seal Name
				@ 40°F	@ 50°F	@ 60°F	@ 70°F		
1"	1"	2 ⁹ / ₁₆ "	3 ⁵ / ₈ "	3 ¹ / ₈ "	3 ¹ / ₁₆ "	3"	2 ¹⁵ / ₁₆ "		

MoDOT construction personnel will record the manufacturer and seal name that was used.

OPEN CELL FOAM JOINT SEAL



DATE PREPARED 7/7/2026	
ROUTE I - 70	STATE MO
DISTRICT BR	SHEET NO. 4
COUNTY ST. CHARLES	
JOB NO. JSL0305	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A35835	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)