

DESIGN DESIGNATION

GASCONADE STREET - OVER US 65
A.A.D.T. - 2025 = 754
T = 4.5%
V = 35 M.P.H.

FUNCTIONAL CLASSIFICATION-LOCAL

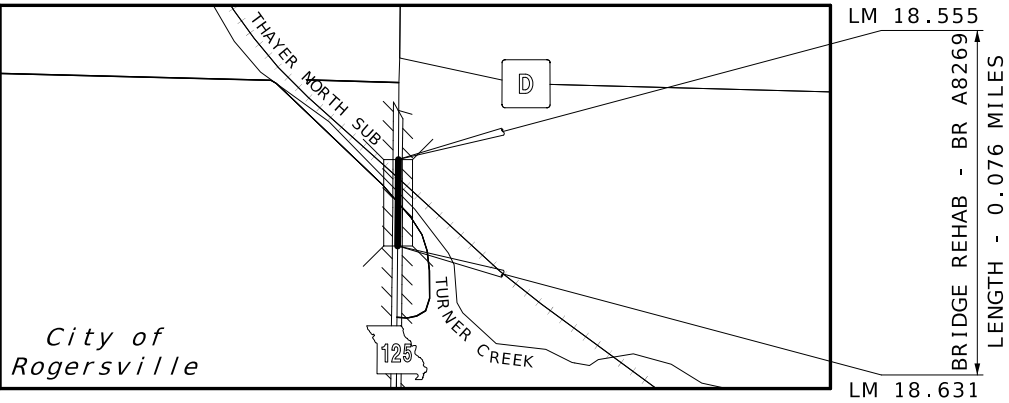
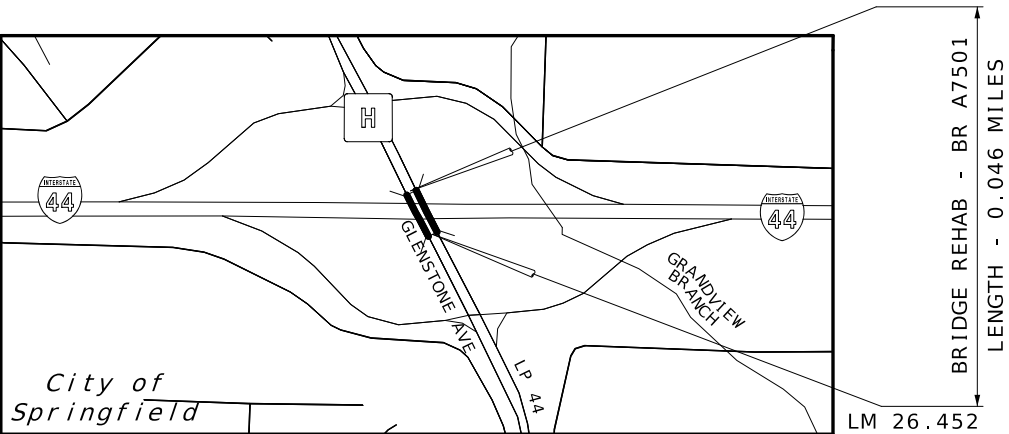
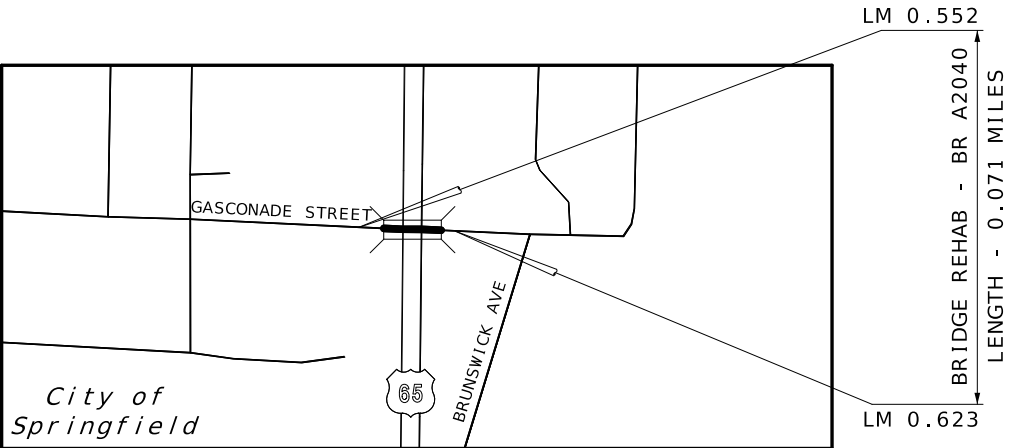
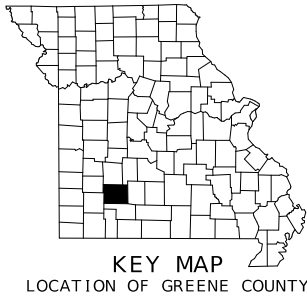
ROUTE H - OVER I-44
A.A.D.T. - 2025 = 11,650
T = 5.0%
V = 40 M.P.H.

FUNCTIONAL CLASSIFICATION-PRINCIPAL ARTERIAL

MO 125 - OVER RTE. 156 AND BNSF RAILWAY
A.A.D.T. - 2025 = 5,130
T = 6.9%
V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

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



NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-23
SPECIAL SHEETS (SS)	24
BRIDGE DRAWINGS (B)	
A2040	1-6
A7501	1
A8269	1

LENGTH OF PROJECT

LOG MILES FROM 2025 ARAN

GASCONADE STREET - OVER US 65	
BEGINNING OF PROJECT	LOG MILE 0.552
END OF PROJECT	LOG MILE 0.623
BRIDGE A2040 LM 0.578 - 0.611	
APPARENT LENGTH	374.880 FEET
ROUTE H - OVER I-44	
BEGINNING OF PROJECT	LOG MILE 26.406
END OF PROJECT	LOG MILE 26.452
BRIDGE A7501 LM 26.409 - 26.452	
APPARENT LENGTH	242.880 FEET
MO 125 - OVER RTE. 156 AND BNSF RAILWAY	
BEGINNING OF PROJECT	LOG MILE 18.555
END OF PROJECT	LOG MILE 18.631
BRIDGE A8269 LM 18.555 - 18.631	
APPARENT LENGTH	401.280 FEET
TOTAL CORRECTIONS	00.000 FEET
NET LENGTH OF PROJECT	1,019.040 FEET
STATE LENGTH	0.193 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.000 ACRES



DATE PREPARED
7/28/2026

ROUTE STATE
VAR MO
DISTRICT SHEET NO.
SW 1

COUNTY
GREENE
JOB NO.
JSU0169
CONTRACT ID.

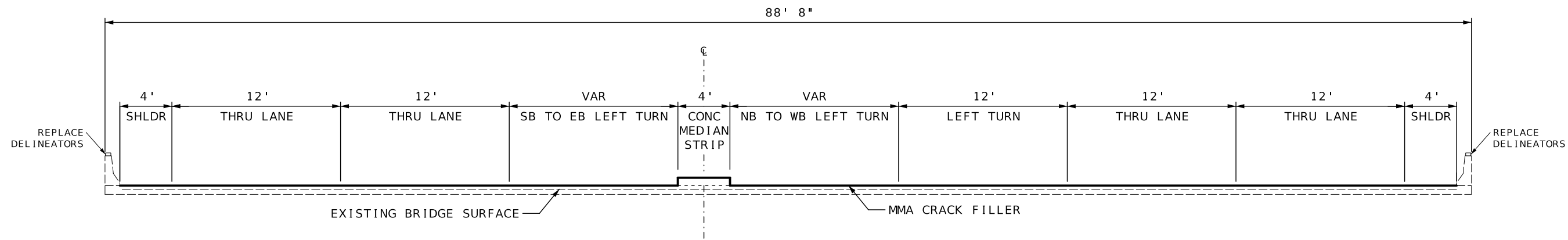
PROJECT NO.

BRIDGE NO.

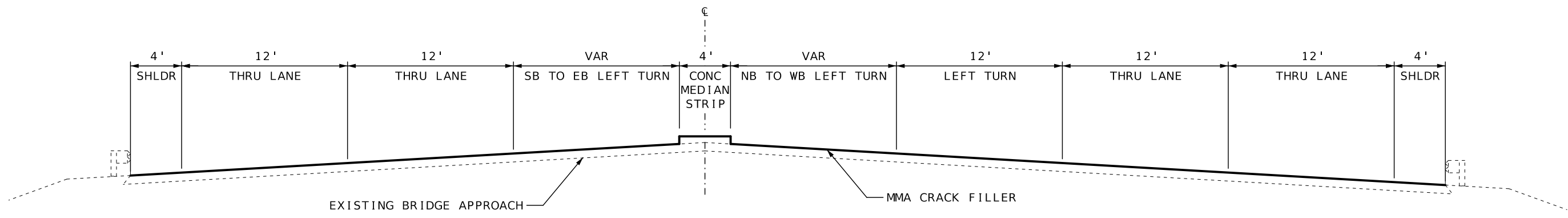
DESCRIPTION	DATE

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

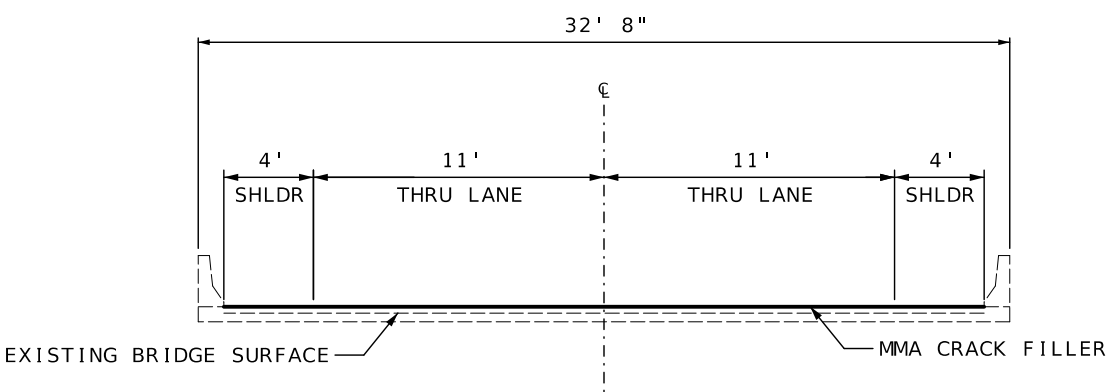




RTE H - BR A7501
LOG MILE 26.414 TO LOG MILE 26.448



RTE H - BR A7501
LOG MILE 26.409 TO LOG MILE 26.414
LOG MILE 26.448 TO LOG MILE 26.452



MO 125 - BR A8269
LOG MILE 18.555 TO LOG MILE 18.631

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 2

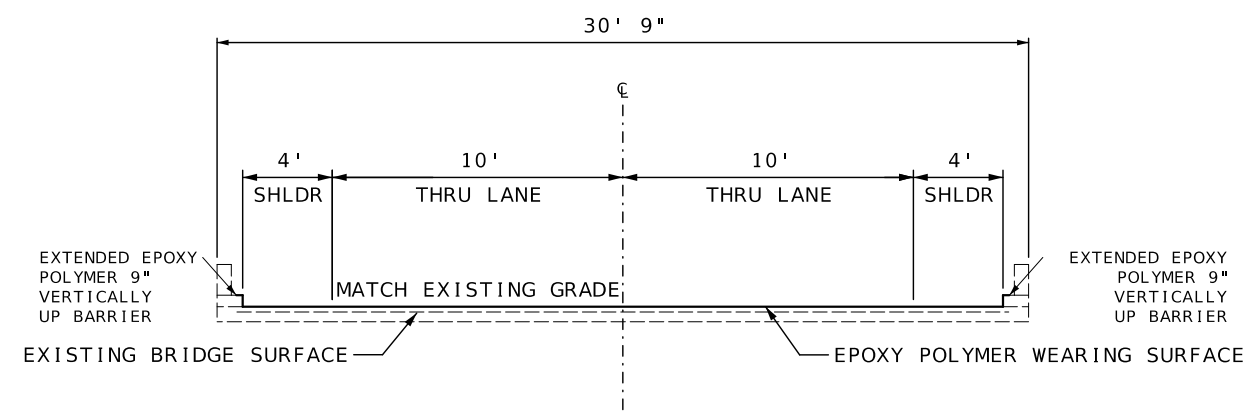


DATE PREPARED 7/28/2026	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. JSU0169	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

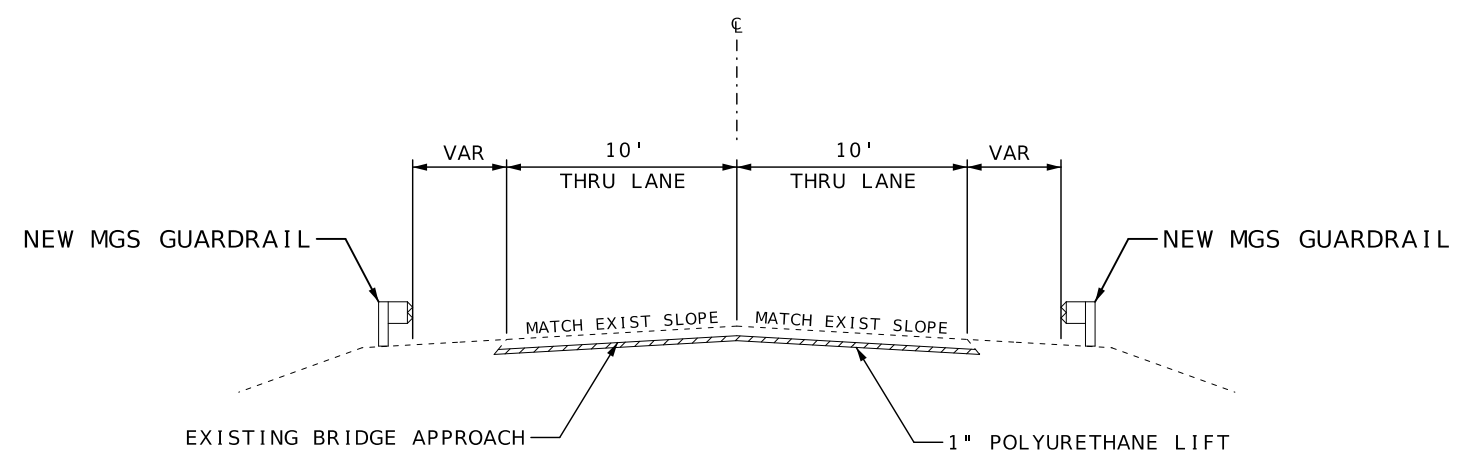
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



GASCONADE ST - BR A2040
LOG MILE 0.578 TO LOG MILE 0.611



GASCONADE ST - BR A2040
LOG MILE 0.572 TO LOG MILE 0.578
GUARDRAIL
LOG MILE 0.552 TO LOG MILE 0.578
LOG MILE 0.611 TO LOG MILE 0.623



DATE PREPARED 7/28/2026	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. JSU0169	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

REMOVAL OF IMPROVEMENTS						
BEGIN LOG MILE	END LOG MILE	RT/LT OFFSET	UNIT	TOTAL	DESCRIPTION	REMARKS
0.552	0.578	RT	LF	124	GUARDRAIL	BRIDGE A2040
0.552	0.578	LT	LF	124	GUARDRAIL	BRIDGE A2040
26.406	26.409	RT	SY	17.7	CONCRETE APPROACH	ROUTE H, NB LANE 2 OF 4, NORTH OF BRIDGE
TOTAL = 1 LUMP SUM						

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

MOBILIZATION
1 LUMP SUM

CLEARING & GRUBBING				
LOG MILE	ROUTE	LOCATION	ACRES	REMARKS
18.555	125	BRIDGE A8269	0.18	NE AND NW QUAD
TOTAL			0.18	
TOTAL FINAL PAY			1	

ROCK LINING							
BEGIN LOG MILE	END LOG MILE	ROUTE	LOCATION	TYPE 2 ROCK BLANKET		PERMANENT EROSION CONTROL GEOTEXTILE (SY)	REMARKS
				FURNISHING (CY)	PLACING (CY)		
18.555	-	125	BRIDGE A8269, NE QUAD	5.6	5.6	16.7	6' WIDE 25' LONG X 1' DEEP
18.555	-	125	BRIDGE A8269, NW QUAD	5.6	5.6	16.7	6' WIDE 25' LONG X 1' DEEP
TOTAL				11.2	11.2	33.4	
USE				12	12	34	

SLAB JACKING MATERIAL HIGH DENSITY POLYURETHANE			
LOG MILE	LOCATION BR #	SLAB JACKING (LB)	REMARKS
0.572	A2040	2400	EB APPROACH SLAB (1")
TOTAL		2400.0	1200 LB PER LANE PER INCH PER APPROACH
USE		2400	

CONCRETE APPROACH PAVEMENT					
BEGIN LOG MILE	END LOG MILE	ROUTE	LOCATION	CONCRETE APPROACH PAVEMENT	REMARKS
				SY	
26.406	26.409	H	BRIDGE A7501, NB	17.7	12' WIDE X 17' LONG
TOTAL				17.7	
USE				17.7	

PAVEMENT MARKING										
BEGIN LOG MILE	END LOG MILE	LT/RT LOCATION	CLASS 2 PAVEMENT MARKING PAINT (25-MIL, TYPE L BEADS)			CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)		THERMOPLASTIC	TRAFFIC BARRIER DELINEATOR	REMARKS
			6" INT WHITE	6" SOLID WHITE	4" SOLID YELLOW	4" SOLID WHITE	4" SOLID YELLOW	WORD (ONLY)	WHITE	
			LF	LF	LF	LF	LF	EACH	EACH	
0.578	0.611	LT/RT				350.0	350.0			GASCONADE ST
26.409	26.452	LT/RT	120.0	765.0				1	17	ROUTE H
26.409	26.452	LT/RT			450.0					ROUTE H, MEDIAN
18.555	18.631	LT/RT				800.0	800.0			MO 125
TOTAL			120	765	450	1150	1150	1	17	
USE				885	450	1150	1150	1	17	

GUARDRAIL								
BEGIN LOG MILE	END LOG MILE	LOCATION	MGS GUARDRAIL	MASH CRASHWORTHY END TERMINAL	MGS HEIGHT AND BLOCK TRANSITION	MGS BRIDGE APPROACH TRANSITION "REGULAR/ NO CURB"	SHAPING SLOPES CLASS III	REMARKS
			FT	EA	EA	EA	STA	
0.552	0.578	RT	37.50	1		1	1.2	BRIDGE A2040, NW
0.552	0.578	LT	37.50	1		1	1.2	BRIDGE A2040, SW
0.611	0.623	RT	12.50		1	1	1.2	BRIDGE A2040, NE
0.611	0.623	LT	12.50		1	1	1.2	BRIDGE A2040, SE
TOTAL			100.0	2	2	4	4.8	ALL GUARDRAIL LENGTH IS ROUNDED UP TO THE NEAREST 12.5'
USE			100	2	2	4	5	

SUMMARY OF QUANTITIES
SHEET 1 OF 2

STATE OF MISSOURI

CAMERON SOCY

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

07-28-2026 1:30:32

CAMERON SOCY - CIVIL

MO-PE-2021019715

DATE PREPARED

7/28/2026

ROUTE

VAR

DISTRICT

SW

STATE

MO

SHEET NO.

3

COUNTY

GREENE

JOB NO.

JSU0169

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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.
GUIDE SIGNS							DESCRIPTION
E05-1	36X48	12.00					GORE EXIT
E05-2	48X36	12.00					EXIT OPEN
E05-2a	48X36	12.00					EXIT CLOSED
GO20-1	60X24	10.00	6	60			ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	6	48			END ROAD WORK
GO20-4	36X18	4.50					PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75					PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50					PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	3	18			WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00					END DETOUR
MO4-9L	48X36	12.00					DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00					DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00					STREET NAME (PLAQUE)
MO4-10L	48X18	6.00					DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00					DETOUR (ARROW RIGHT)
REGULATORY SIGNS							
R1-1	48X48	13.25					STOP
R1-2	48TRI	6.93					YIELD
R1-2a	36X36	9.00					TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50					ALL WAY (PLAQUE)
R2-1	36X48	12.00	6	72			SPEED LIMIT XX
R3-1	48X48	16.00					NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00	4	64			NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00					NO TURNS
R3-4	48X48	16.00					NO U-TURN (SYMBOL)
R3-7L	30X30	6.25	1	6.25			LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	3	18.75			RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00					DO NOT PASS
R4-2	36X48	12.00					PASS WITH CARE
R4-8a	36X48	12.00					KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00					KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25					DO NOT ENTER
R5-1a	36X24	6.00					WRONG WAY
R6-1L	54X18	6.75					ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75					ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00					ONE WAY (LEFT)
R6-2R	24X30	5.00					ONE WAY (RIGHT)
R9-9	24X12	2.00					SIDEWALK CLOSED
R9-11L	24X18	3.00					SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00					SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00	2	12			STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00	4	40			ROAD CLOSED
R11-3a	60X30	12.50					ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50					ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00					FINE SIGN
CONST-3X	56X12	4.67					SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS							
CONST-5	48X36	12.00					POINT OF PRESENCE
CONST-5	96X48	32.00	6	192			POINT OF PRESENCE
CONST-8	48X36	12.00	6	72			WORK ZONE NO PHONE ZONE
616-10.05 CONSTRUCTION SIGNS				TOTAL 1930			
616-10.10 RELOCATED SIGNS					TOTAL 0		

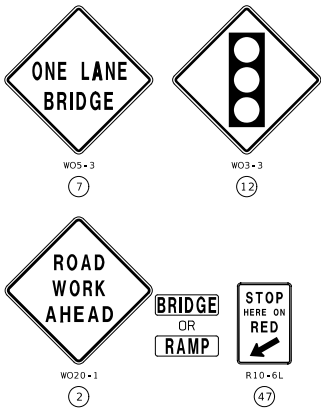
ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	150	CHANNELIZER (TRIM LINE)
6161030	13	TYPE III MOVEABLE BARRICADE
6161033	14	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055	14	SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	8	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A	1	WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

[illegible]

SUMMARY OF QUANTITIES
SHEET 2 OF 2

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- AUTOMATED FLAGGER ASSISTANCE DEVICE
- CHANNELIZER
- CHANGEABLE MESSAGE BOARD



NOTES:

TEMPORARY TRAFFIC CONTROL SIGNALS SHALL MEET THE PHYSICAL DISPLAY AND OPERATIONAL REQUIREMENTS OF CONVENTIONAL TRAFFIC CONTROL SIGNALS.

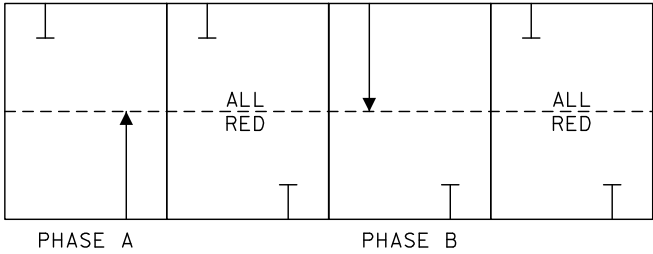
TEMPORARY TRAFFIC CONTROL SIGNAL TIMING SHALL BE ESTABLISHED BY AUTHORIZED OFFICIALS. DURATION OF RED CLEARANCE INTERVALS SHALL BE ADEQUATE TO CLEAR THE ONE-LANE SECTION OF CONFLICTING VEHICLES.

WHEN THE TEMPORARY TRAFFIC CONTROL SIGNAL IS CHANGED TO THE FLASHING MODE, EITHER MANUALLY OR AUTOMATICALLY, RED SIGNAL INDICATIONS SHALL BE FLASHED TO BOTH APPROACHES

STOP LINES SHALL BE INSTALLED WITH TEMPORARY TRAFFIC CONTROL SIGNALS FOR LONG-TERM CLOSURES. EXISTING CONFLICTING PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER REFLECTORS BETWEEN THE ACTIVITY AREA AND EACH STOP LINE SHALL BE REMOVED, AFTER THE TEMPORARY TRAFFIC CONTROL SIGNAL IS REMOVED, THE STOP LINES AND OTHER TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND THE PERMANENT PAVEMENT MARKINGS RESTORED, NO DIRECT PAY.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/ WORK AREAS	BUFFER LENGTH (FT)
50-55	500	80	495

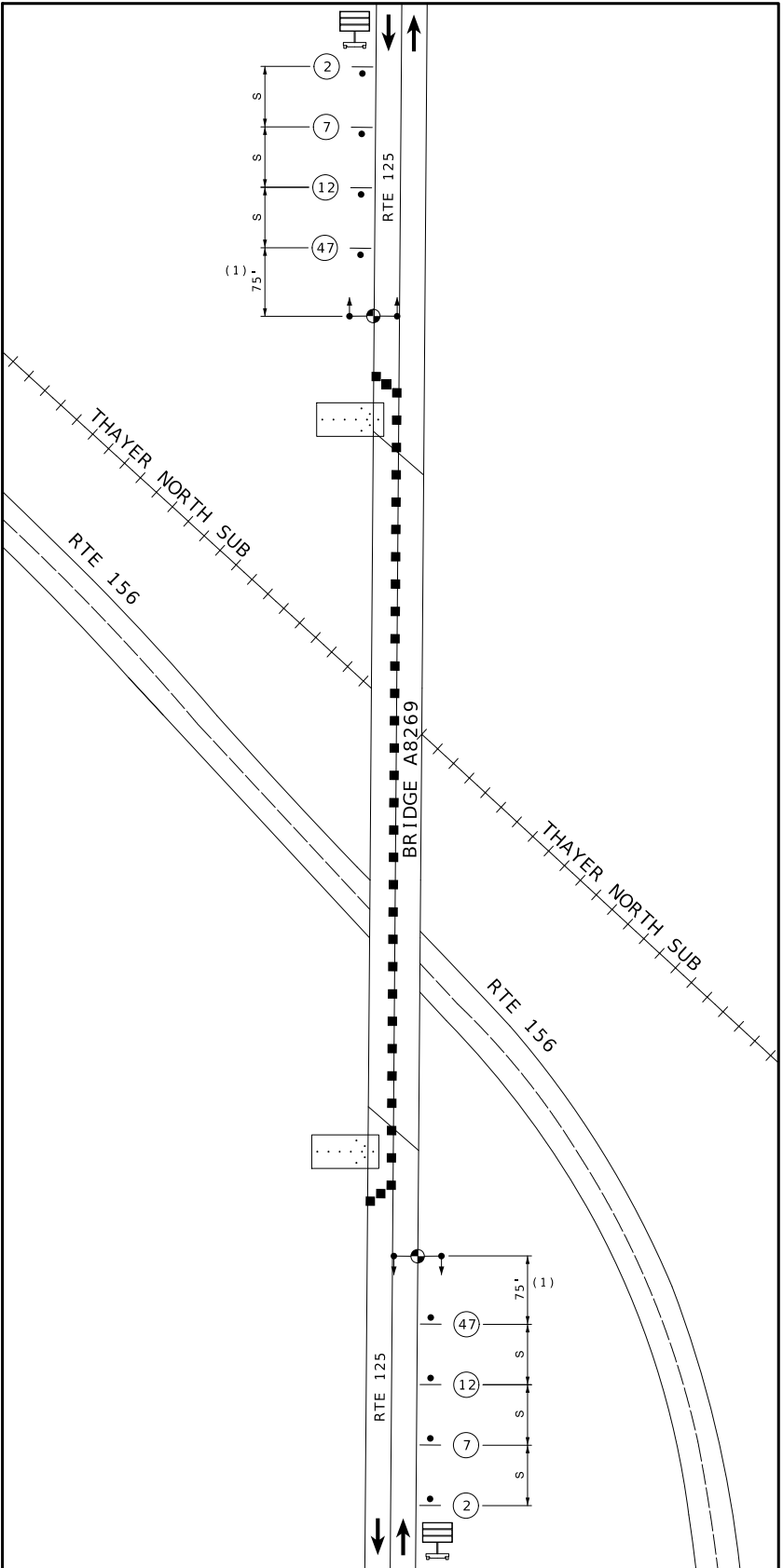
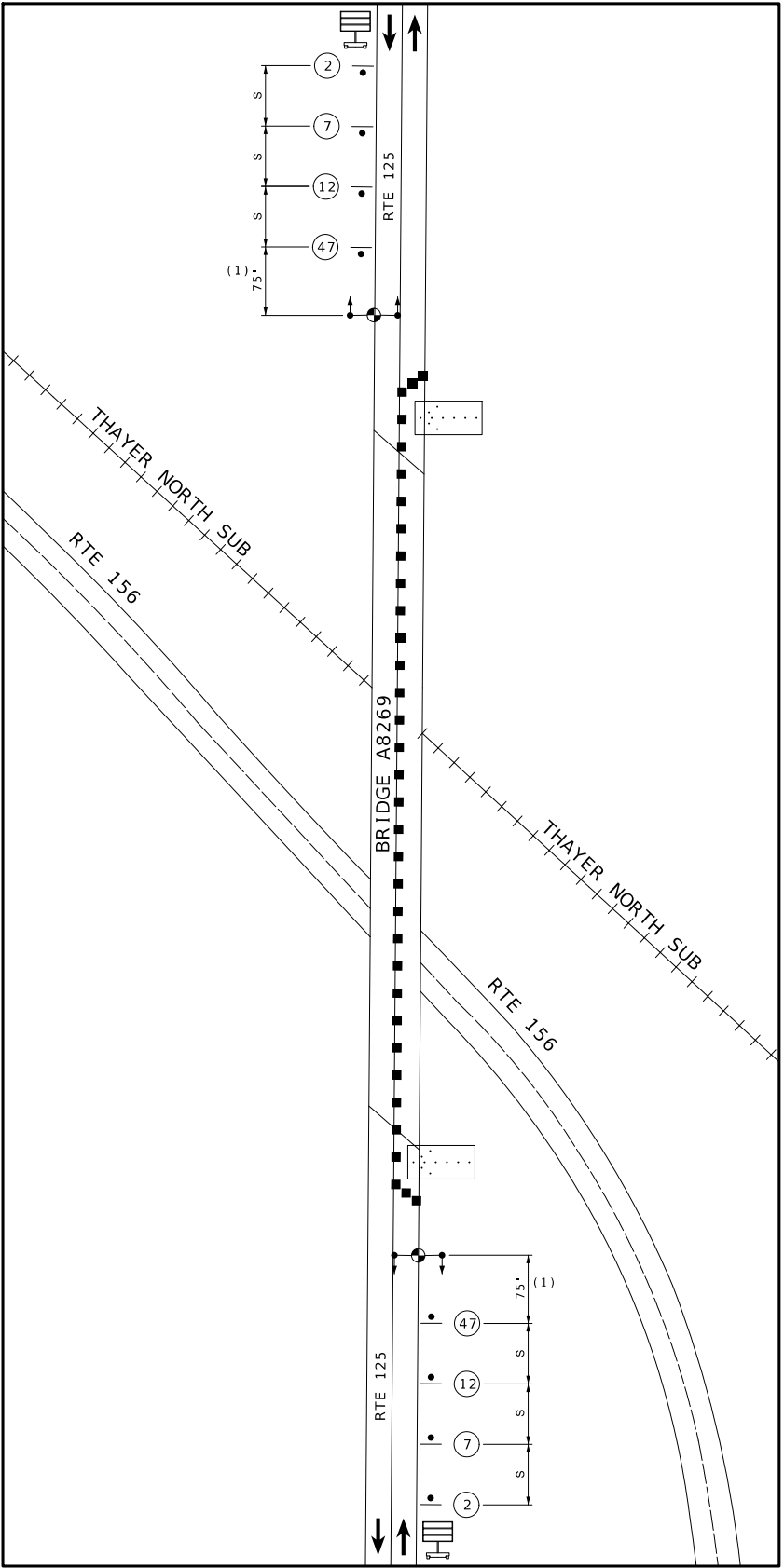
- SPACING NOTES:
- (1) 75-FOOT RECOMMENDED SPACING, SPACING MAY BE BETWEEN 40-FT AND 180-FT
- SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER



PHASE A AND PHASE B SHALL ALWAYS BE FOLLOWED BY AN ALL RED PHASE OR INTERVAL.

SIGNALS SHALL REST IN ALL RED WHEN THERE ARE NO VEHICLE CALL.

LANE CLOSURE ON A TWO-LANE ROAD USING TEMPORARY TRAFFIC CONTROL SIGNALS



NOT TO SCALE

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

07/28/2026 1:30:32
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/28/2026

ROUTE
VAR

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PROJECT NO.

BRIDGE NO.

DESCRIPTION

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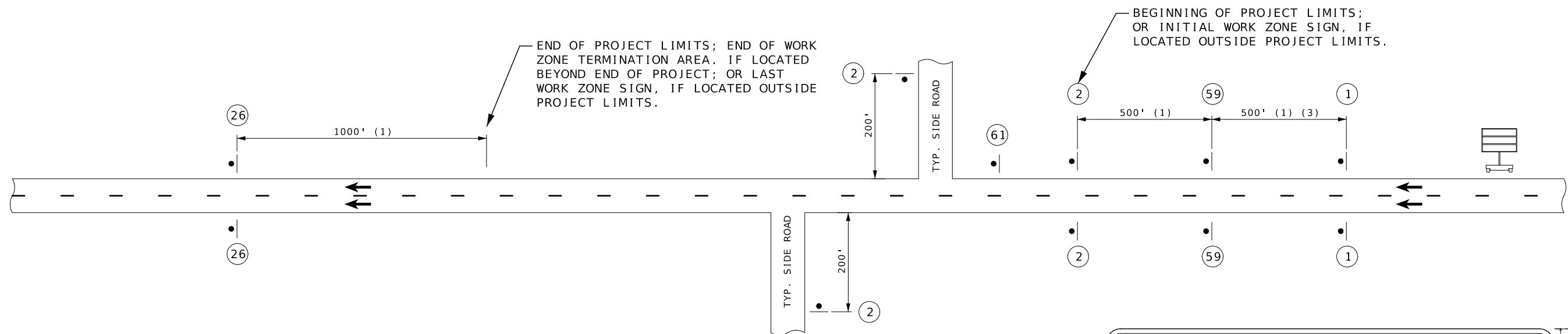
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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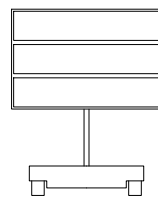


TRAFFIC CONTROL
SHEET 7 OF 20

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.

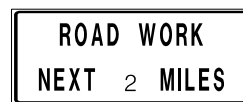


- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.
- (5) GO20-1 IS NOT USED WHEN WORK AREA IS LESS THAN 2 MILES. GO20-2 IS OPTIONAL WHEN GO20-1 IS NOT USED.

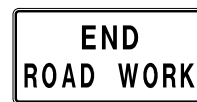


WORK ZONE
NO PHONE
ZONE

(59) (3)



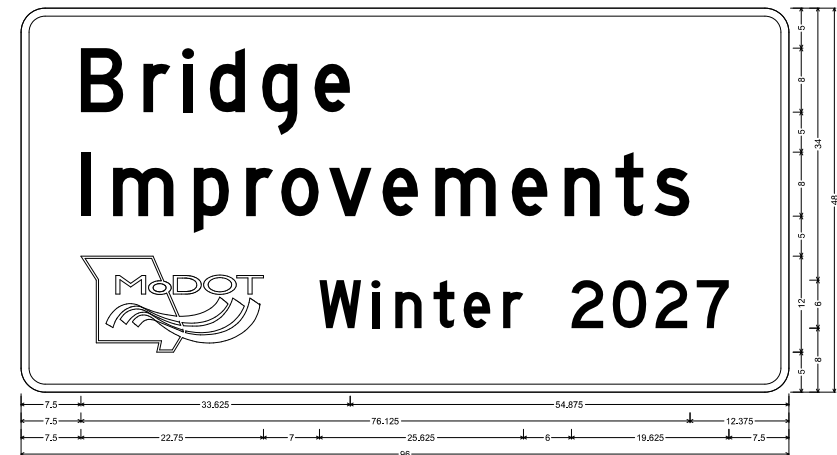
① (5)



(26) (5)



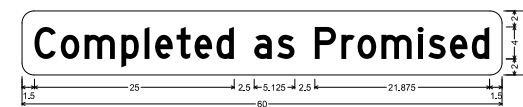
2



(61) (2)

CONST& SH-FLAT SHEET:
3,000" Radius, 1,000" Border, White on, Green;
"Bridge", Dr: "Improvements", Dr: "Winter 2027", Dr;
Table of letter and object lefts

S	r	t	d	e							
7,500	15,250	20,250	23,625	30,125	36,750						
I	m	p	k	y							
7,500	11,500	21,625	28,125	32,500	35,500	45,250	51,750	61,375	68,000	74,375	79,125
G	w	f	n	s	o	z					
7,500	37,250	43,875	46,750	51,625	55,375	60,250	68,875	74,000	79,375	84,500	



TRAFFIC CONTROL
SHEET 8 OF 20

STATE OF MISSOURI CAMERON SOCY NUMBER PE-2021019715 PROFESSIONAL ENGINEER  07-CAMERON / 30-52 CAMERON SOCY - CIVIL MO-PE-2021019715	
DATE PREPARED 7/28/2026	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY GREENE	
JOB NO. JSU0169	
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)	

LEFT AND RIGHT LANE CLOSURE ON RAMP
FRIDAY - MONDAY ONLY (9:00 PM TO 6:00 AM)



WO20-1

(2)

BRIDGE



WO20-5

(5)



R3-2

(42A)



R3-7R

(42B)

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	200	205	225	245	250	35	40
40	350	500	270	295	320	360	40	80
45			450	495	540			
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

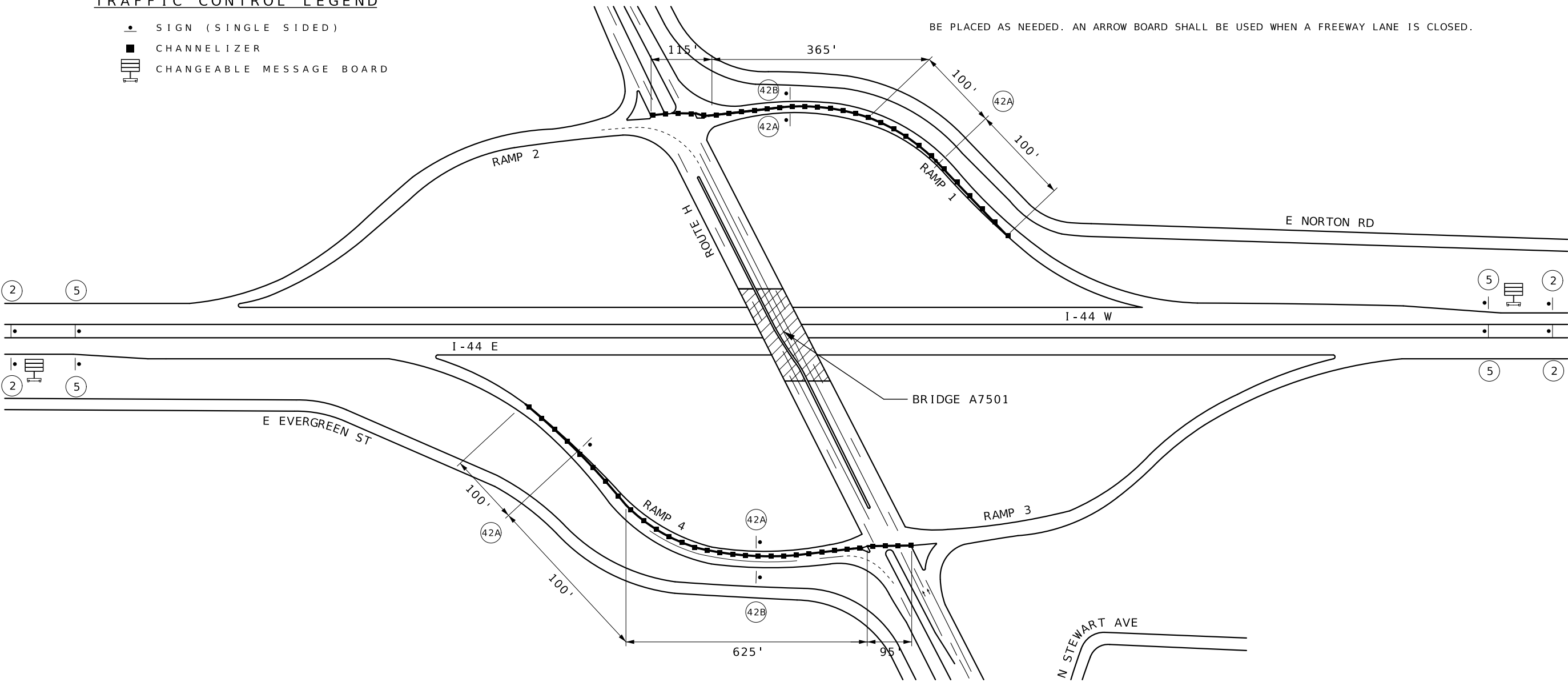
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.

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

BE PLACED AS NEEDED. AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.

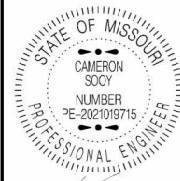
TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- CHANGEABLE MESSAGE BOARD



NOT TO SCALE

TRAFFIC CONTROL
SHEET 9 OF 20



DATE PREPARED

7/28/2026

ROUTE STATE

VAR MO

DISTRICT SHEET NO.

SW 12

COUNTY

GREENE

JOB NO.

JSU0169

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)

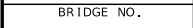
MODOT

FRIDAY - MONDAY ONLY (9:00 PM TO 6:00 AM)

FOR LONG-TERM CLOSURE, DETOUR SIGNING SHOULD BE CONSIDERED..

[illegible]

TRAFFIC CONTROL
SHEET 10 OF 20

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	DIVIDED (S)	10 FT	11 FT	12 FT	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER / WORK AREAS
0-35	200	205	225	245	250	35	40
40-45	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.

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

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED. AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.

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



WO20-1
2



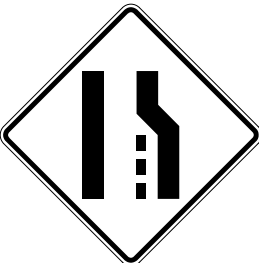
WO20-5
5



WO20-6a
6

LEFT

LEFT



WO4-2R
6A



GO20-5aP
54
4

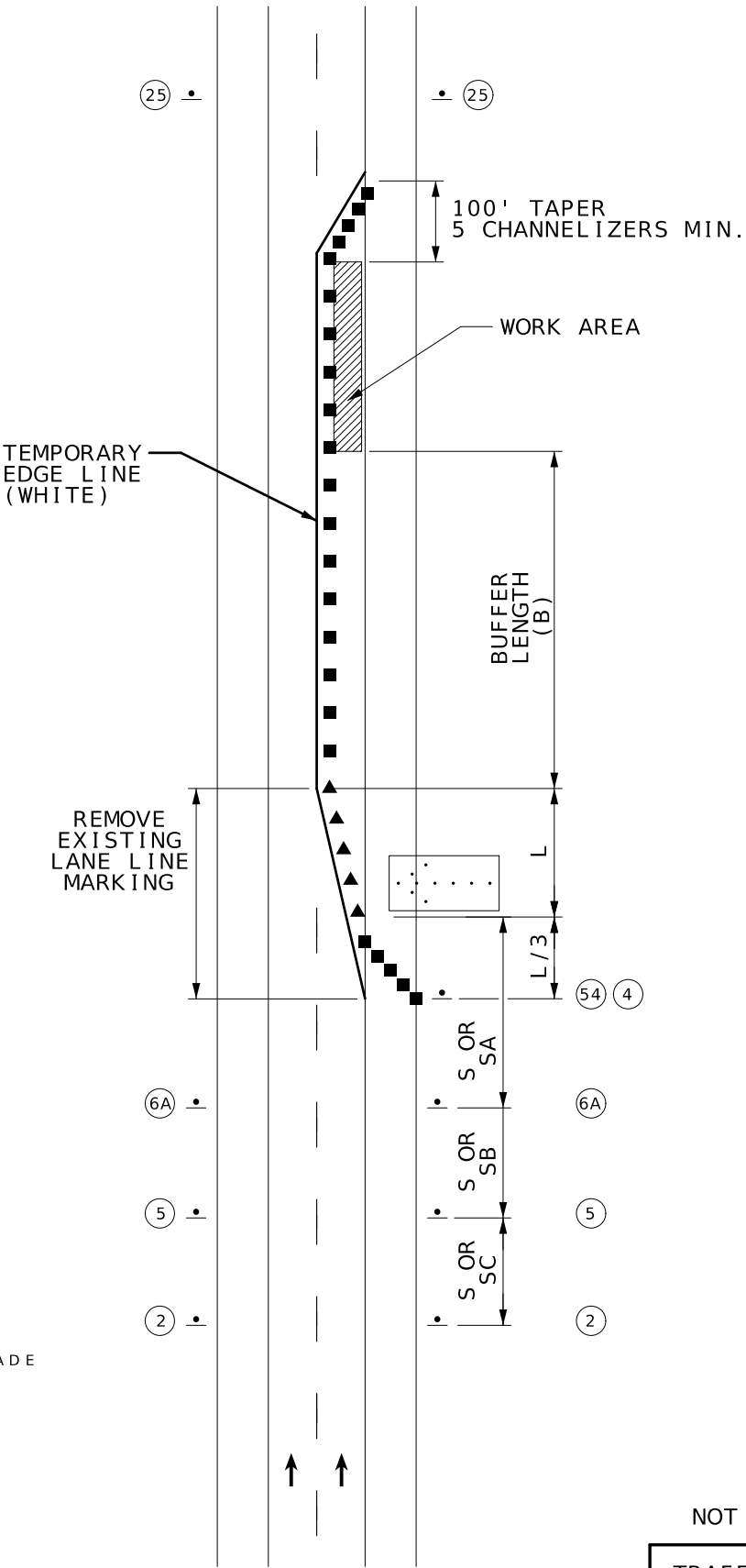


R2-1
25
(NORMAL SPEED)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLASHING ARROW PANEL
- DIRECTION INDICATOR BARRICADE

STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY



NOT TO SCALE

TRAFFIC CONTROL
SHEET 11 OF 20

STATE OF MISSOURI
CAMERON
SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

DATE PREPARED
7/28/2026

ROUTE
VAR

DISTRICT
SW

STATE
MO

SHEET NO.
14

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

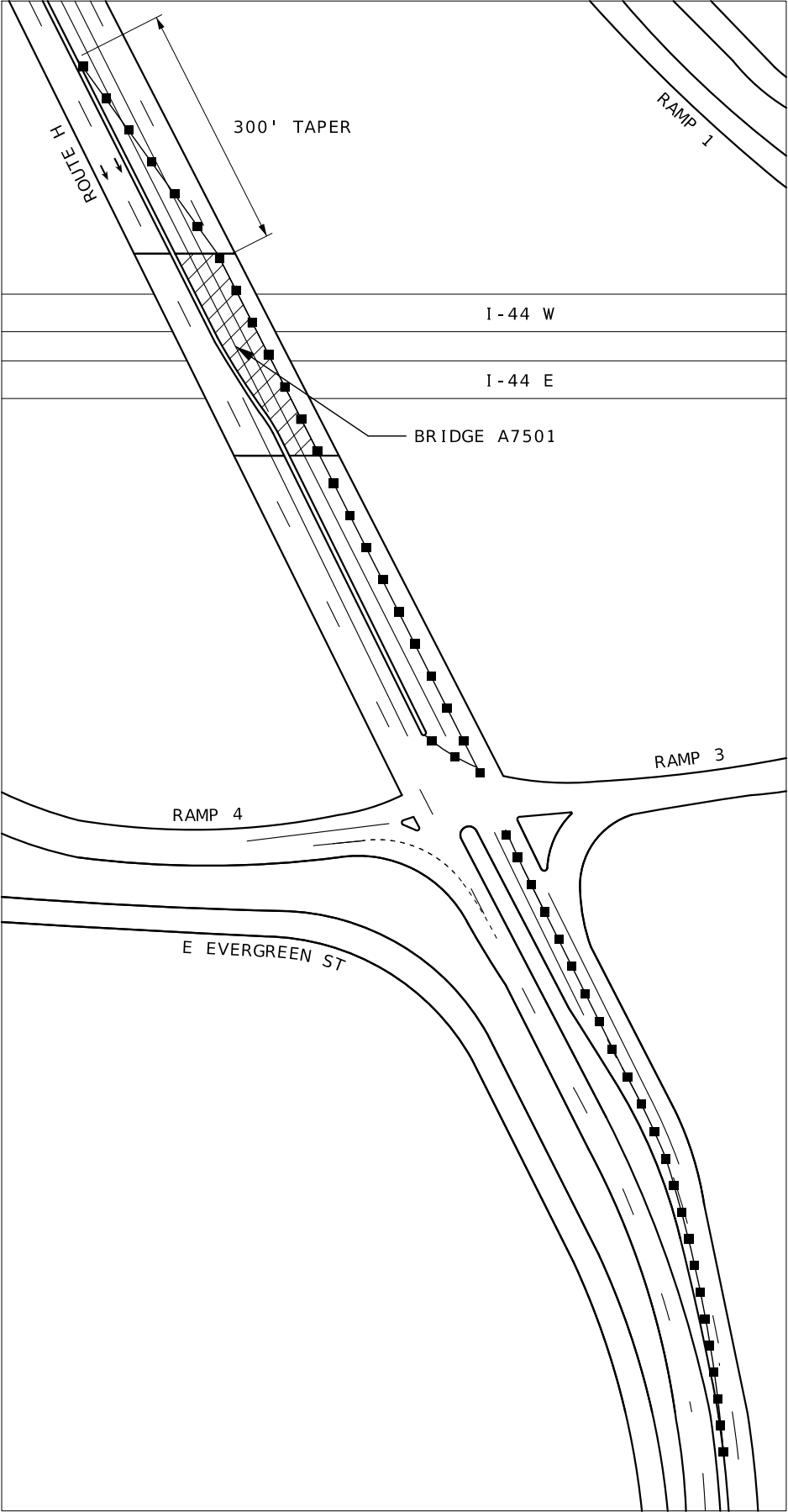
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT



CHANNELIZER PLACEMENT

LEFT AND CENTER LANE CLOSURE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLASHING ARROW PANEL
- WORK SPACE

GO20-5aP
WORK ZONE

SPEED LIMIT 30
R2-1
(54)
(4)

SPEED LIMIT 40
R2-1
(25)
(NORMAL SPEED)

ROAD WORK AHEAD
WO20-1
(2)

RIGHT LANE CLOSED AHEAD
WO20-5
(5)
LEFT

LANE CLOSURE
WO4-2L
(6A)

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)					TAPERS	BUFFER / WORK AREAS
0-35	200	200	10 FT	11 FT	12 FT	250	35	40
40	350	500	270	295	320	360	40	80
45			450	495	540			
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

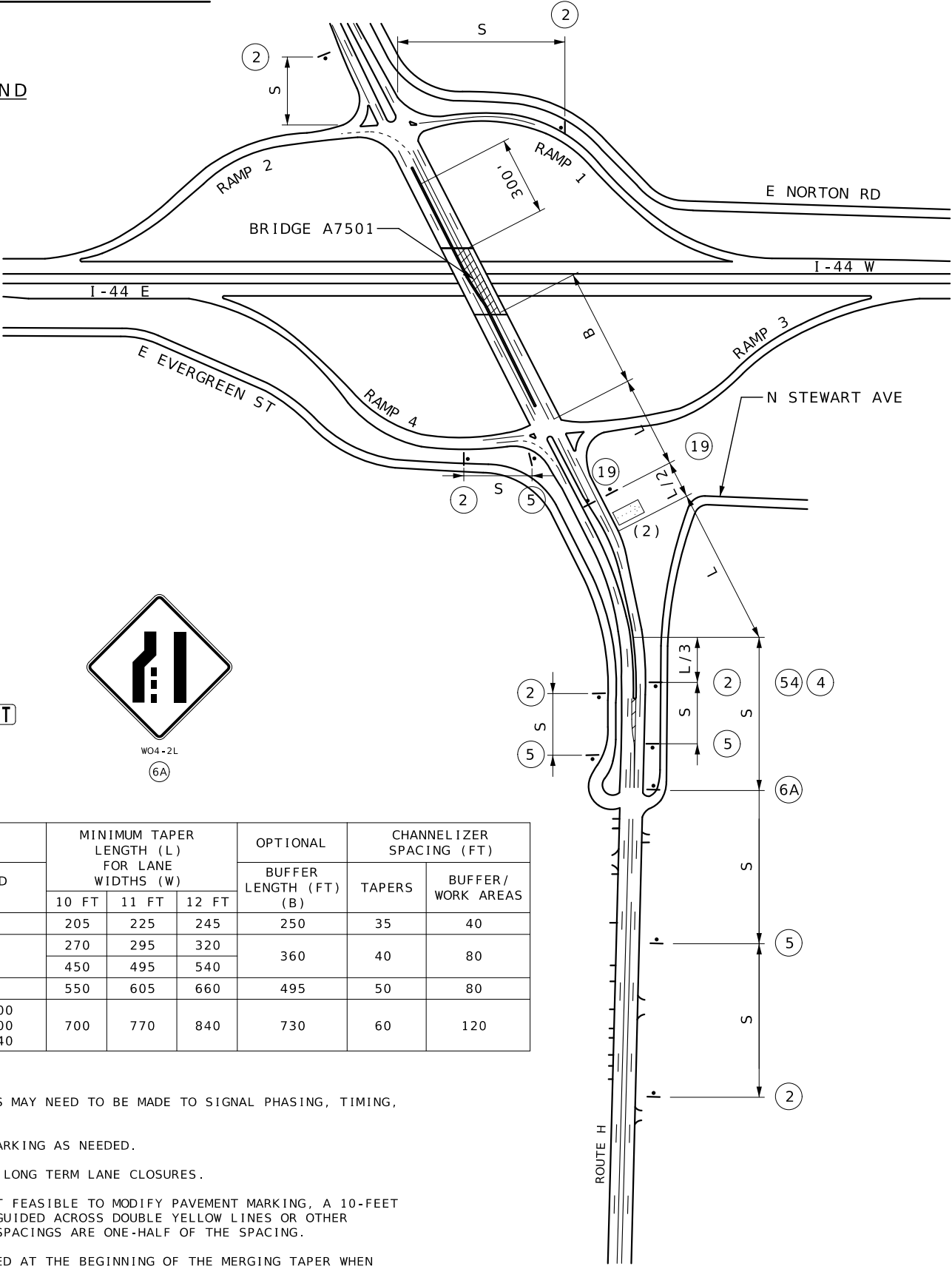
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



NOT TO SCALE

STATE OF MISSOURI
CAMERON SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

DATE PREPARED
7/28/2026

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
16

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

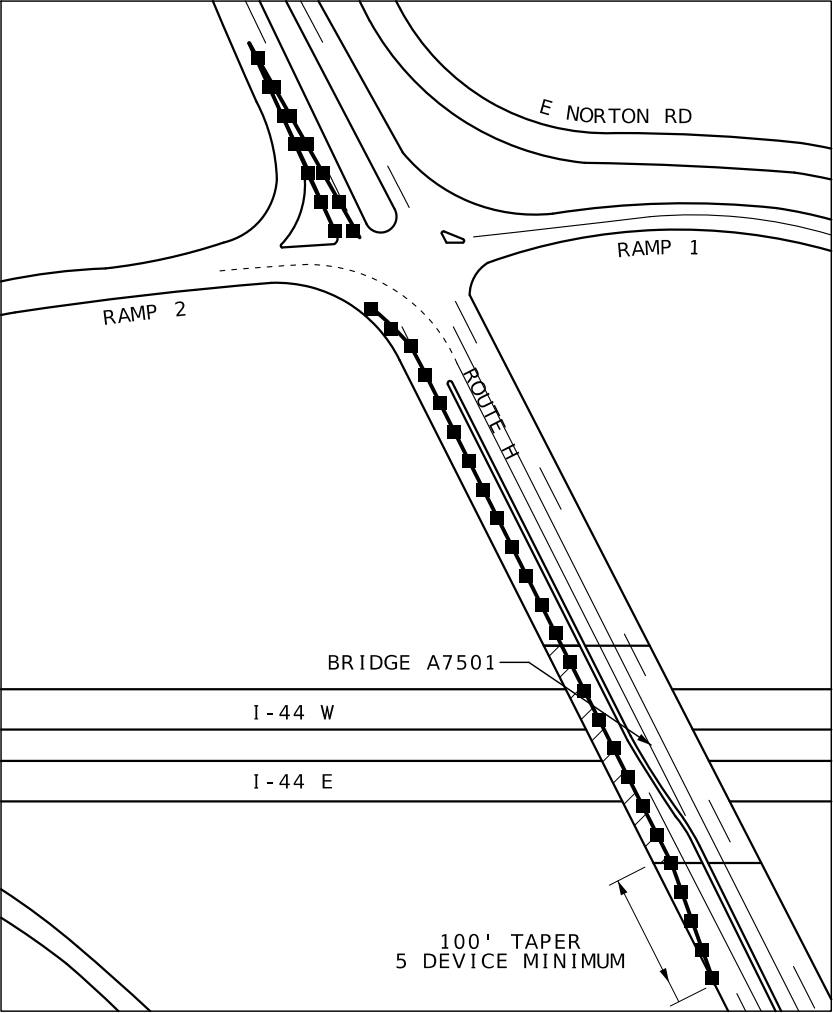
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CHANNELIZER PLACEMENT



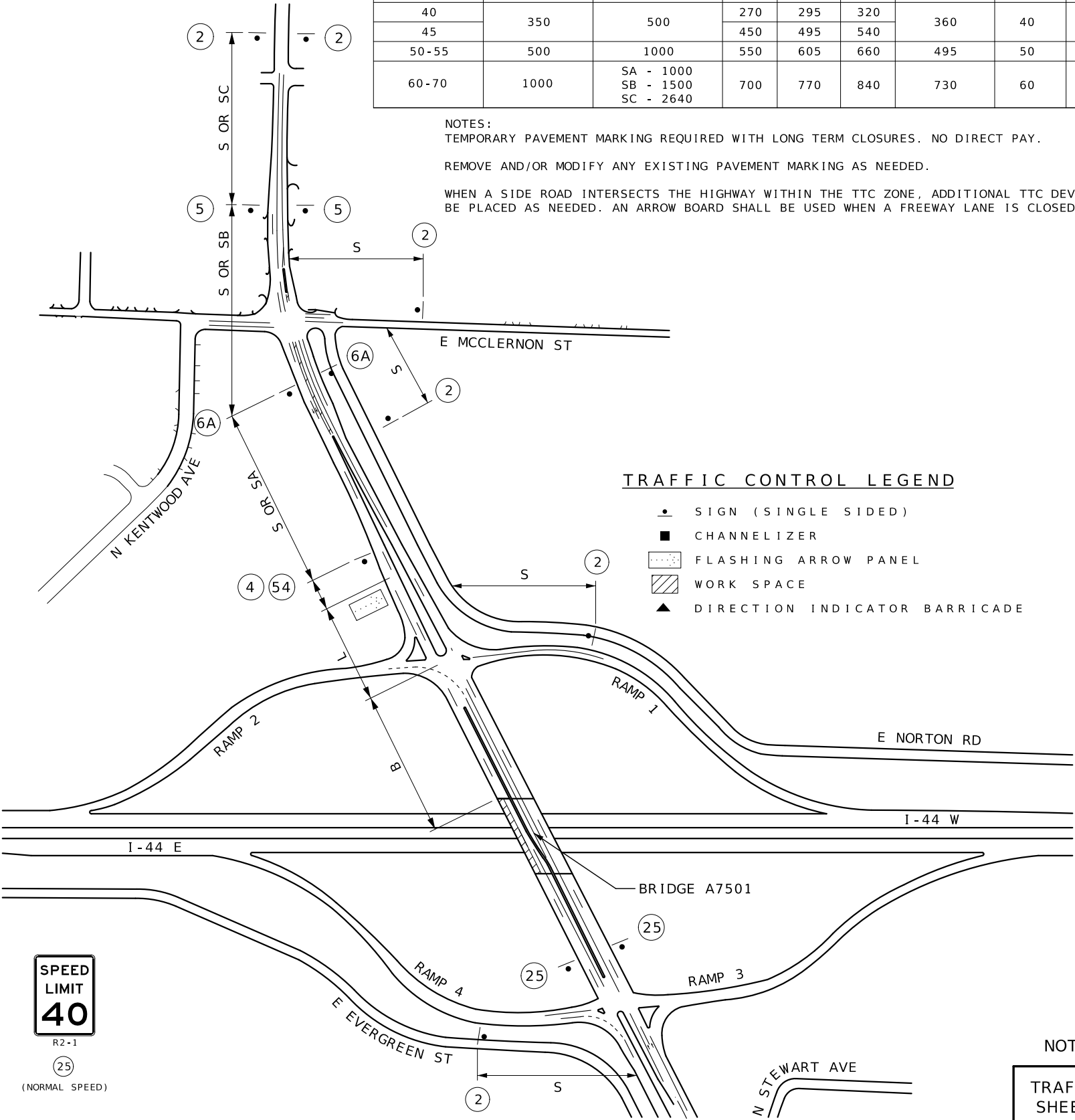
RIGHT LANE CLOSURE

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)				BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40	350	500	270	295	320	360	40	80
45			450	495	540			
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.
REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED. AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLASHING ARROW PANEL
- WORK SPACE
- DIRECTION INDICATOR BARRICADE



STATE OF MISSOURI
CAMERON SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

07-03-2026 1:30:32
CAMERON SOCY - CIVIL
MO-PE-2021019715

DATE PREPARED
7/28/2026

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
17

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

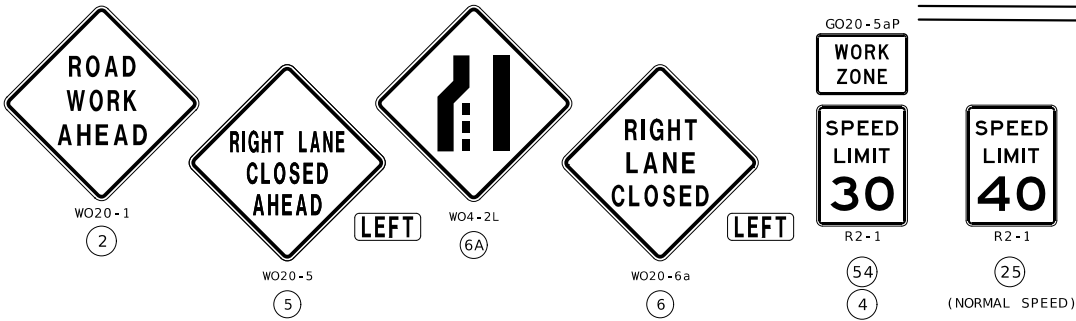
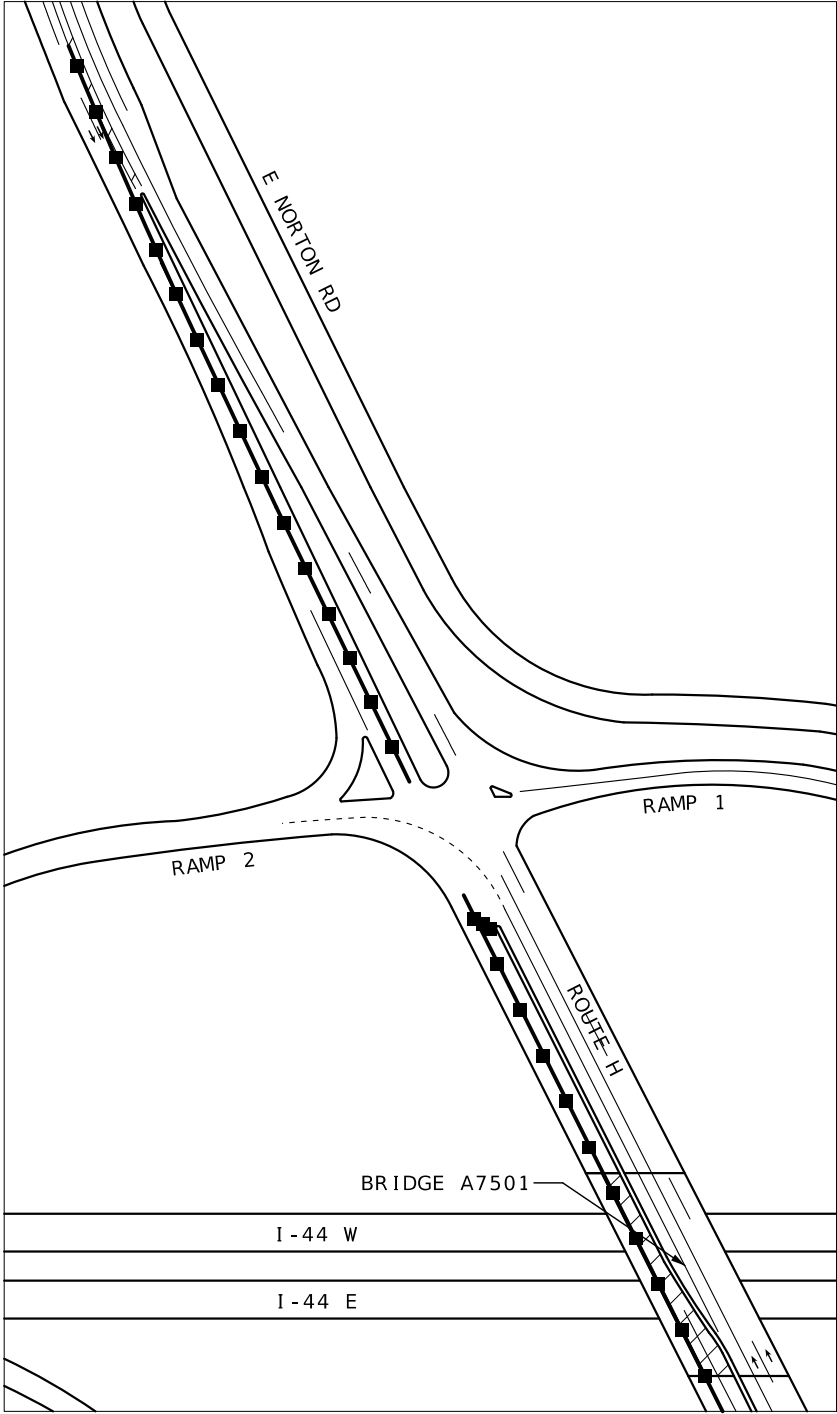
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CHANNEL IZER PLACEMENT



LEFT LANE CLOSURE

SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)				BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	205	225	245	250	35	40
40	350	500	270	295	320	360	40	80
45			450	495	540			
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

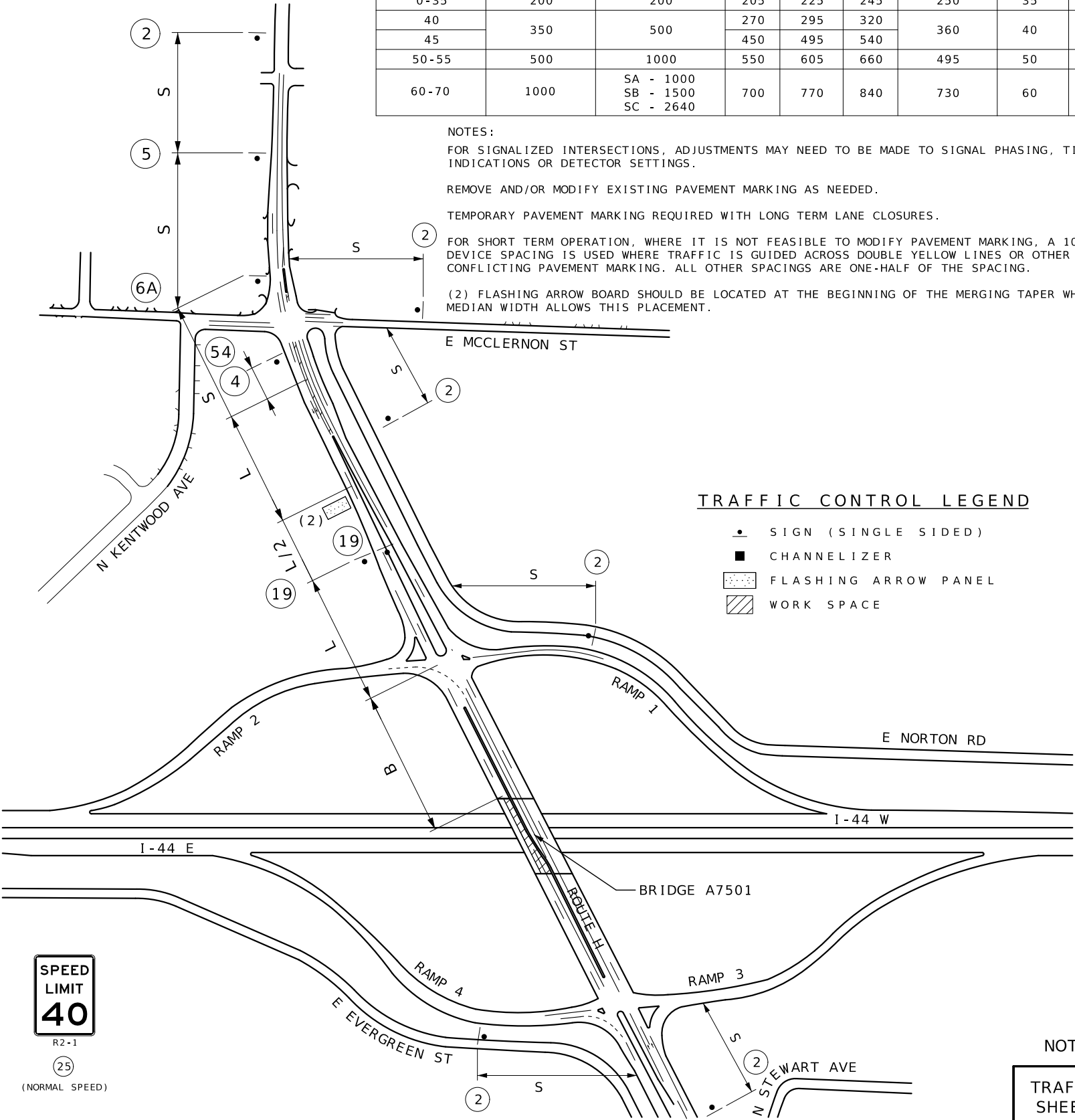
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLASHING ARROW PANEL
- WORK SPACE

NOT TO SCALE

TRAFFIC CONTROL
SHEET 15 OF 20

STATE OF MISSOURI
CAMERON SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

07-03-2026 1:30:32
CAMERON SOCY-CIVIL
MO-PE-2021019715

DATE PREPARED
7/28/2026

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
18

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

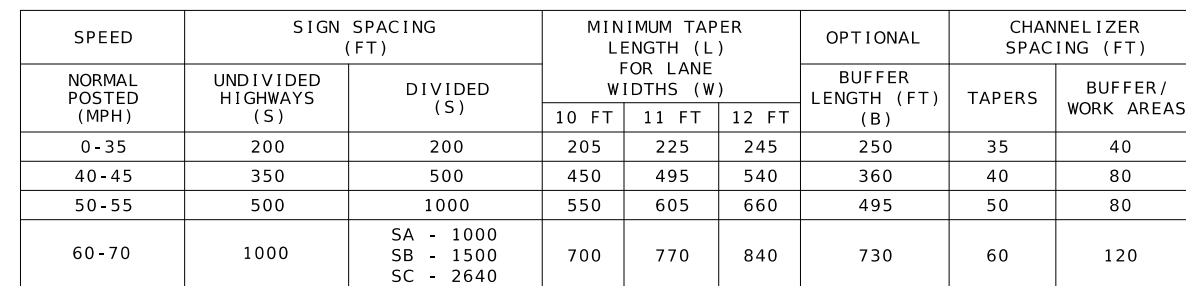
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

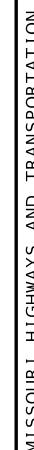
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT



(3) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

●	SIGN (SINGLE SIDED)
■	CHANNELIZER
E	BARRICADE
	FLASHING ARROW PANEL



SPEED	SIGN SPACING (FT)	MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
						TAPERS	BUFFER / WORK AREAS
NORMAL POSTED (MPH)	DIVIDED (S)	10 FT	11 FT	12 FT			
0-35	200	205	225	245	250	35	40
40-45	500	450	495	540	360	40	80
50-55	1000	550	605	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

SET UP CAN BE MIRRORED TO UTILIZE THE RIGHT LANE AS THE INITIALLY CLOSED LANE

WO20-1
2

WO20-5
5

CENTER
OR
LEFT

R2-1
54
4

WO4-2L
6A

WO4-2R
6A

WO1-4R
15

WO1-4L
15

R2-1
25
(NORMAL SPEED)

WO12-1
60

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- FLASHING ARROW PANEL

INTERIOR LANE CLOSURE
ON DIVIDED ROADWAY

STATE OF MISSOURI
CAMERON
SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

DATE PREPARED
7/28/2026

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
20

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



NOTES:

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

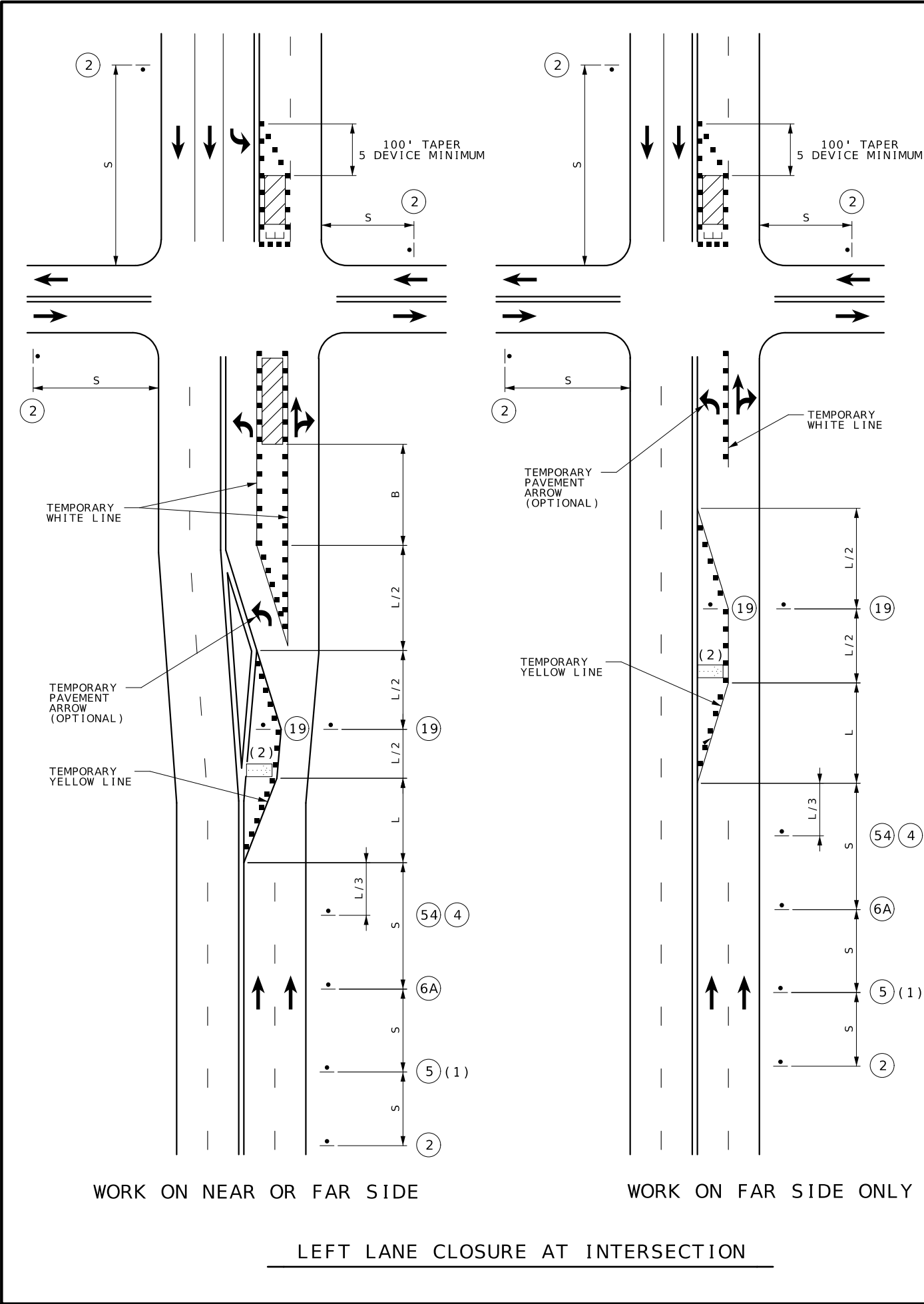
(1) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

 SIGN (SINGLE SIDED)
 CHANNELIZER



TRAFFIC CONTROL
SHEET 18 OF 20





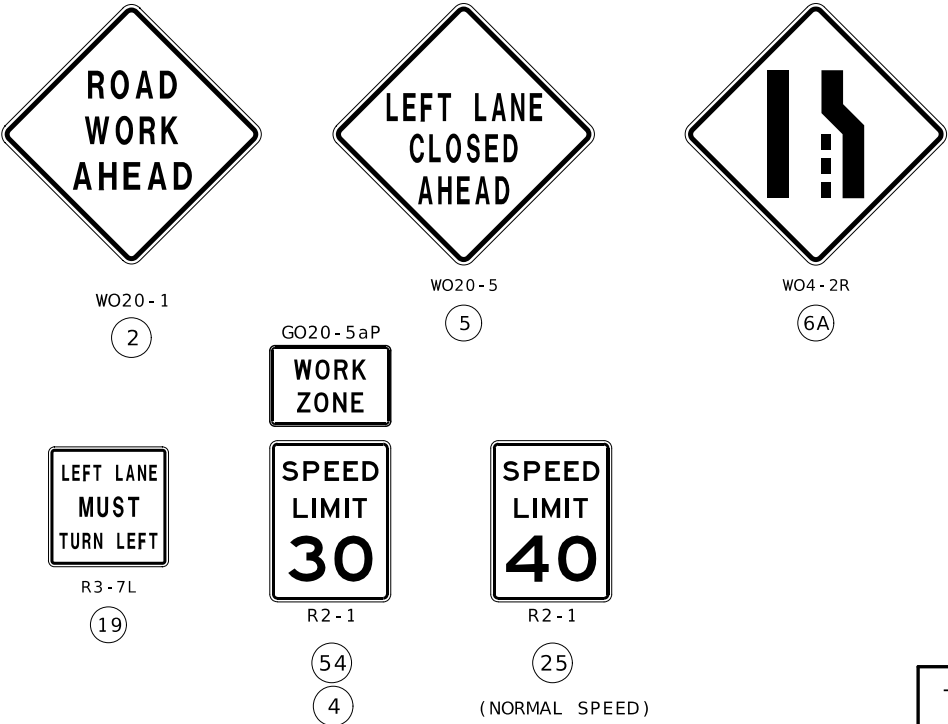
SPEED	SIGN SPACING (FT)		MINIMUM TAPER LENGTH (L) FOR LANE WIDTHS (W)			OPTIONAL	CHANNELIZER SPACING (FT)	
NORMAL POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED (S)				BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	200	205	225	245	250	35	40
40-45	350	500	450	495	540	360	40	80
50-55	500	1000	550	605	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	700	770	840	730	60	120

NOTES:
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.

(1) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
(2) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- BARRICADE
- FLASHING ARROW PANEL



STATE OF MISSOURI
CAMERON
SOCY
NUMBER
PE-2021019715
PROFESSIONAL ENGINEER

07-23-2026 09:33
CAMERON SOCY-CIVIL
MO-PE-2021019715

DATE PREPARED
7/28/2026

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
22

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

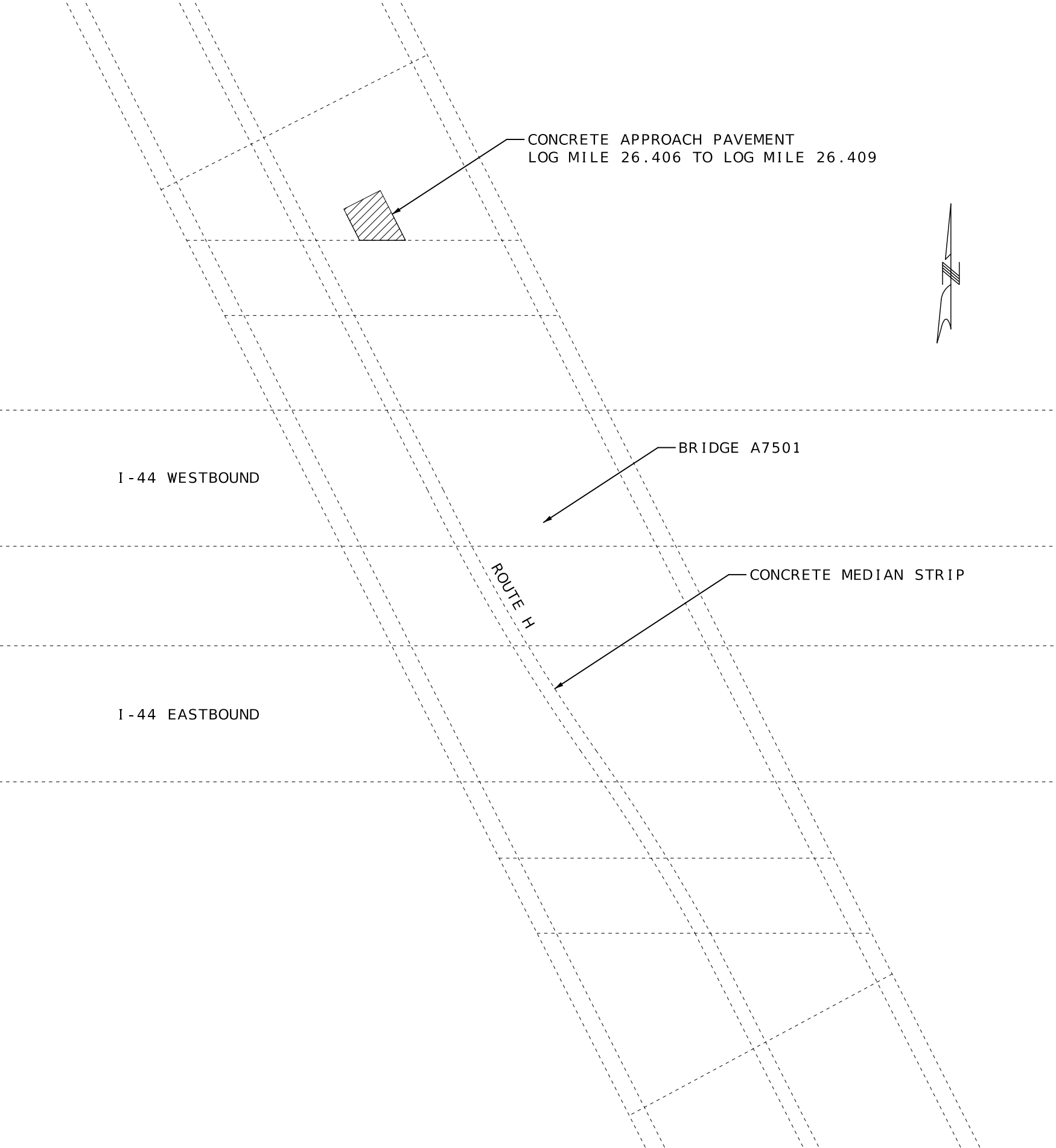
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT



ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

NOT TO SCALE



07-2021019715
CAMERON SOCY - CIVIL
MO-PE-2021019715

DATE PREPARED

7/28/2026

ROUTE STATE

VAR MO

DISTRICT SHEET NO.

SW 24

COUNTY

GREENE

JOB NO.

JSU0169

CONTRACT ID.

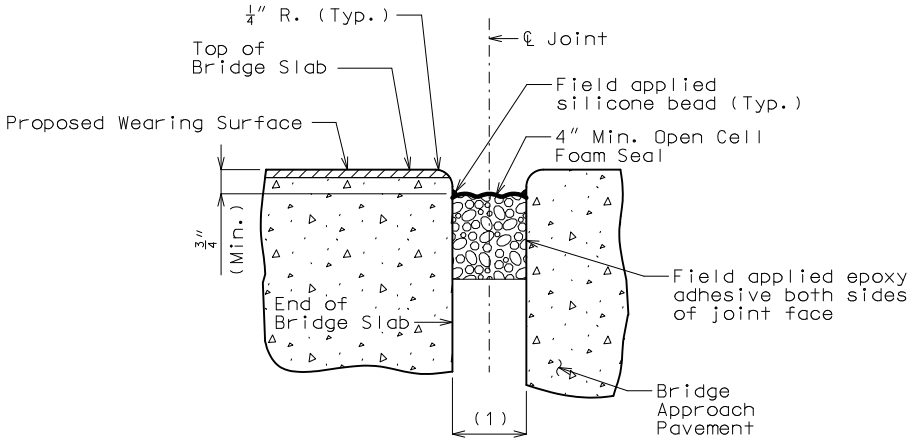
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SECTION THRU JOINT
AT END BENTS NO. 1 & 5

Extend seal 3" past edges of slab.

General Notes:

Open cell foam joint seal width shall be 4" (min.) 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.

STATE OF MISSOURI

TED S. KOESTER

PROFESSIONAL ENGINEER

NUMBER
PE-2013000591

Ted Koester

07/28/2026 11:49:29 AM

TED S. KOESTER - CIVIL

MO-PE-2013000591

DATE PREPARED
7/21/2026

ROUTE
65

DISTRICT
BR

STATE
MO

SHEET NO.
2

COUNTY
GREENE

JOB NO.
JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A20403

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

Detailed Mar. 2026
Checked Mar. 2026

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

Sheet No. 2 of 6

OPEN CELL FOAM JOINT SEAL

Deck Repair Notes:

Order of Repair:

1. Remove existing ¼" Epoxy Polymer wearing surface.
2. Sound deck to identify areas in need of repair.
3. Outside special repair zones, complete the following repairs:
 - a. Half-sole repair
 - b. Deck repair with void tube replacement
 - c. Full depth repair)
4. Inside special repair zones, complete the following repairs:
 - a. Half-sole repair
 - b. Deck repair with void tube replacement
 - c. Full depth repair)
5. Place new ¼" Epoxy Polymer wearing surface.

Special Repair Zones:

Any deck repair in areas not designated as a special repair zone shall be completed prior to work in Zone A.

Deck repair required in the areas designated as special repair zones shall be completed in alphabetical sequence beginning with Zone A. Zones with the same letter designation may be repaired at the same time.

Removal and deck repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone.

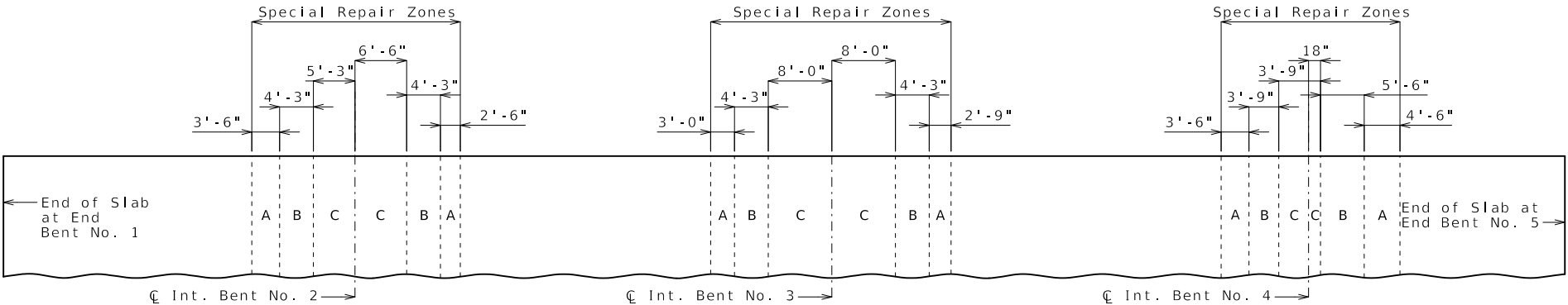
If any single repair area does not exceed 4 square feet in size and the total repair area within a special repair zone does not exceed 12 square feet, the special repair zone may be repaired at the same time as an adjacent zone.

Void Repair:

Any damage sustained to the void tube as a result of the contractor's operations shall be patched or replaced as required by the engineer at the contractor's expense.

An exposed void in the deck shall be patched as approved by the engineer in a manner that shall maintain the void area completely free of concrete. Cost of patching an exposed void will be considered completely covered by the contract unit price for Half-Sole Repair.

When a deteriorated portion of the void tube is beyond the point of patching as determined by the engineer, the portion of the deteriorated void tube shall be replaced. The void area shall be maintained completely free of concrete. Cutting of the longitudinal reinforcing steel will not be permitted. The fiber tubes for producing the voids shall have an outside diameter with the wall thickness the same as the existing tubes and anchored at not more than the original spacing. Cost of replacing the void tube will be considered completely covered by the contract unit price for Deck Repair with Void Tube Replacement. Measurement will be horizontal projection of the area of exposed tube in plan.



PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES

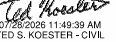
STATE OF MISSOURI

TED S. KOESTER

NUMBER

PE-2013000591

PROFESSIONAL ENGINEER



07/28/2026 11:49:39 AM
TED S. KOESTER - CIVIL
MO-PE-2013000591

DATE PREPARED

7/21/2026

ROUTE

65

STATE

MO

DISTRICT

BR

SHEET NO.

3

COUNTY

GREENE

JOB NO.

JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

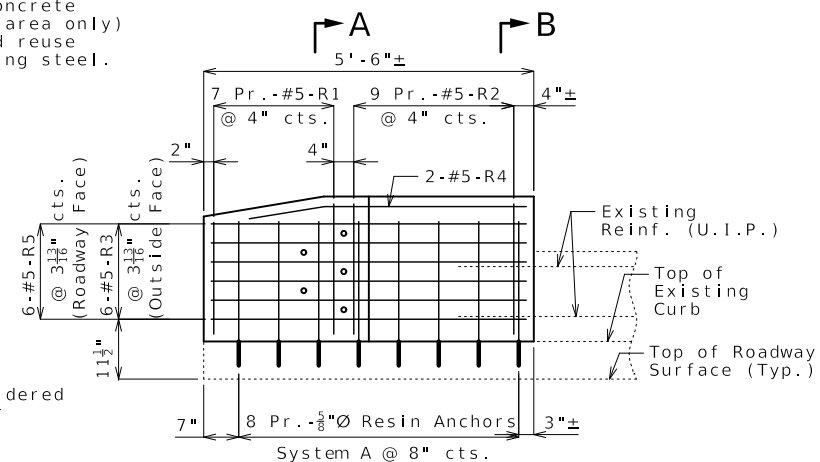
A20403

DESCRIPTION	DATE

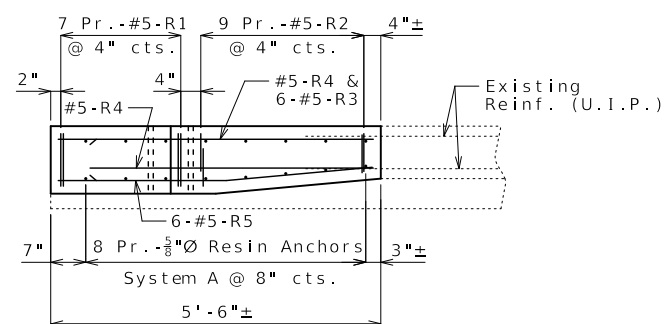
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



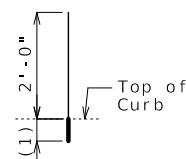
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

[illegible]

ELEVATION SHOWING REINFORCEMENT



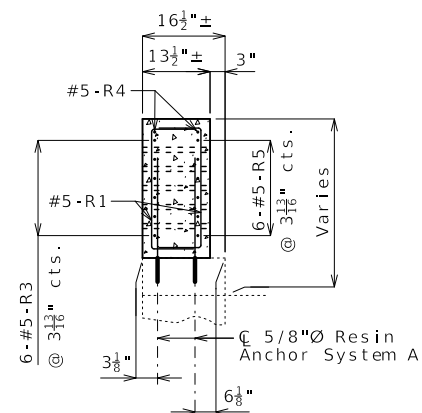
PLAN SHOWING REINFORCEMENT
LEFT END POST AT END BENT NO. 1 & 5
(Right End Post similar)



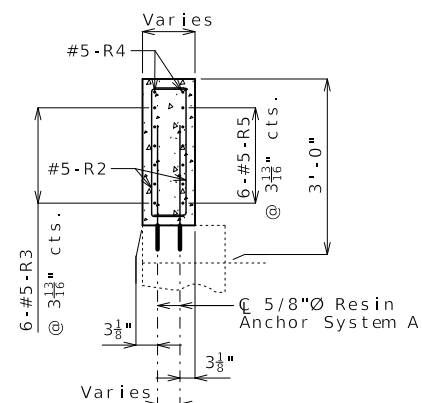
RESIN ANCHOR
SYSTEM A
(32 req'd)

(1) Use manufacturer's recommended embedment length (5" minimum).

RESIN ANCHOR DETAILS

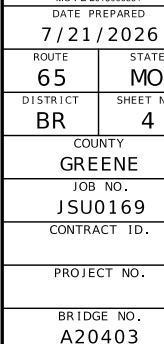


SECTION A-A

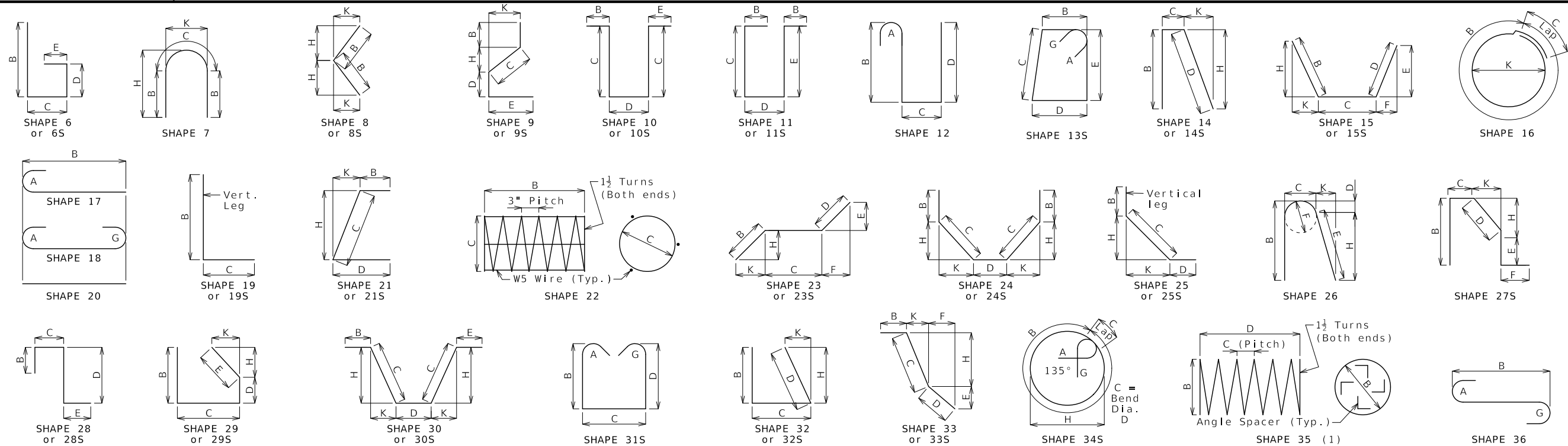


SECTION B-B

Payment for concrete, reinforcement, resin anchor systems and any other work incidental to the barrier end modification, complete in place, will be considered completely covered by the contract unit price for Barrier End Modification per each.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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JEFFERSON CITY, MO 65102
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Finished Bend Dimensions D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3 $\frac{3}{4}$ "	10"	7"	5"
#6	1	4 $\frac{1}{4}$ "	12"	8 $\frac{1}{4}$ "	6"
#7	2	5 $\frac{1}{4}$ "	14"	9 $\frac{3}{4}$ "	7"
	3	7"	15"	11 $\frac{1}{2}$ "	8 $\frac{3}{4}$ "
#8	2	6"	16"	11"	8"
	3	8"	17"	13 $\frac{1}{4}$ "	10"
#9	1	9 $\frac{1}{4}$ "	19 $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	11 $\frac{3}{4}$ "
#10	1	10 $\frac{3}{4}$ "	22"	17 $\frac{1}{2}$ "	13 $\frac{1}{4}$ "
#11	1	12"	24 $\frac{1}{2}$ "	19 $\frac{1}{2}$ "	14 $\frac{7}{8}$ "
#14	1	18 $\frac{1}{4}$ "	31 $\frac{1}{4}$ "	27 $\frac{1}{2}$ "	21 $\frac{3}{8}$ "
#18	1	24"	41 $\frac{1}{2}$ "	36 $\frac{1}{4}$ "	28 $\frac{1}{2}$ "

Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	5"	2 $\frac{7}{8}$ "	3"
	3	3"	5"	5 $\frac{1}{4}$ "	6"	3"	4"
#5	2	2 $\frac{1}{2}$ "	5 $\frac{3}{4}$ "	5 $\frac{3}{4}$ "	5 $\frac{3}{4}$ "	3 $\frac{5}{8}$ "	3 $\frac{3}{4}$ "
	3	3 $\frac{3}{4}$ "	6 $\frac{3}{4}$ "	6 $\frac{3}{4}$ "	7"	3 $\frac{7}{8}$ "	5"
#6	1	4 $\frac{1}{2}$ "	12"	7 $\frac{3}{4}$ "	8 $\frac{1}{4}$ "	4 $\frac{5}{8}$ "	6"

6d for #4 & #5,
12d for #6

Applicable for all grades of steel.

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

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

All bars shall be Grade 60.

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

SH = Required shape, see bending diagrams.

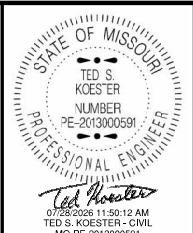
V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

	Reinforcing Steel Totals (Pounds)							
	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0
	5	0	0	0	742	0	0	742
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
By Type	0	0	0	0	0	0	0	

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

[illegible]

BILL OF REINFORCING STEEL

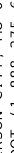


DATE PREPARED	
7/21/2026	
ROUTE	STATE
65	MO
DISTRICT	SHEET NO.
BR	6

COUNTY
GREENE
JOB NO.
JSU0169
CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A20403

[illegible]

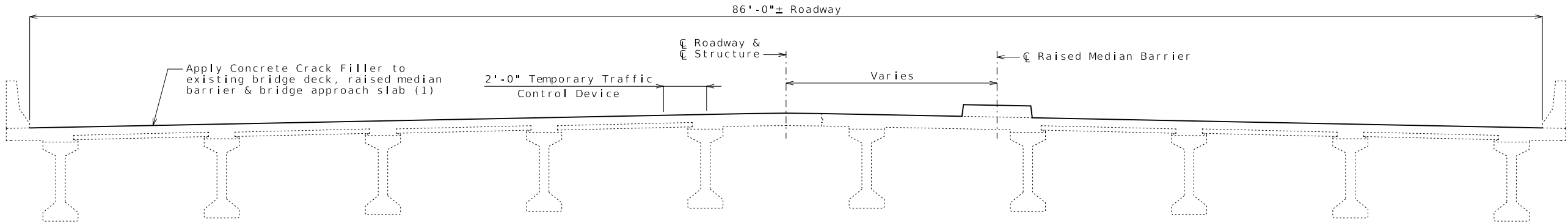
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

U.I.P. AND REHABILITATE EXISTING (88'-88') PRESTRESSED CONCRETE I-GIRDER SPANS
(SKEW: 26°54'00" L.A.)

SEC/SUR 6 TWP 29N RGE 21W



SECTION THRU EXISTING DECK

(1) Estimated area of bridge approach slabs to be coated with Concrete Crack Filler is included in this quantity. See special provisions.

Estimated Quantities		
Item		Total
Concrete Crack Filler	sq. yard	2204

General Notes:

- Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7
- Miscellaneous:
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 H OVER ROUTE I-44
ROUTE H FROM ROUTE 744 TO ROUTE AA
ABOUT 0.7 MILES NORTH OF ROUTE 744
BEGINNING STATION 139+22.77± (Match Existing)

STATE OF MISSOURI

TED S. KOESTER

NUMBER

PE-2013000591

PROFESSIONAL ENGINEER

07/29/2026 10:47:48 AM

TED S. KOESTER - CIVIL

MO-PE-2013000591

DATE PREPARED

7/29/2026

ROUTE

H

STATE

MO

DISTRICT

BR

SHEET NO.

1

COUNTY

GREENE

JOB NO.

JSU0169

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

A75011

DESCRIPTION

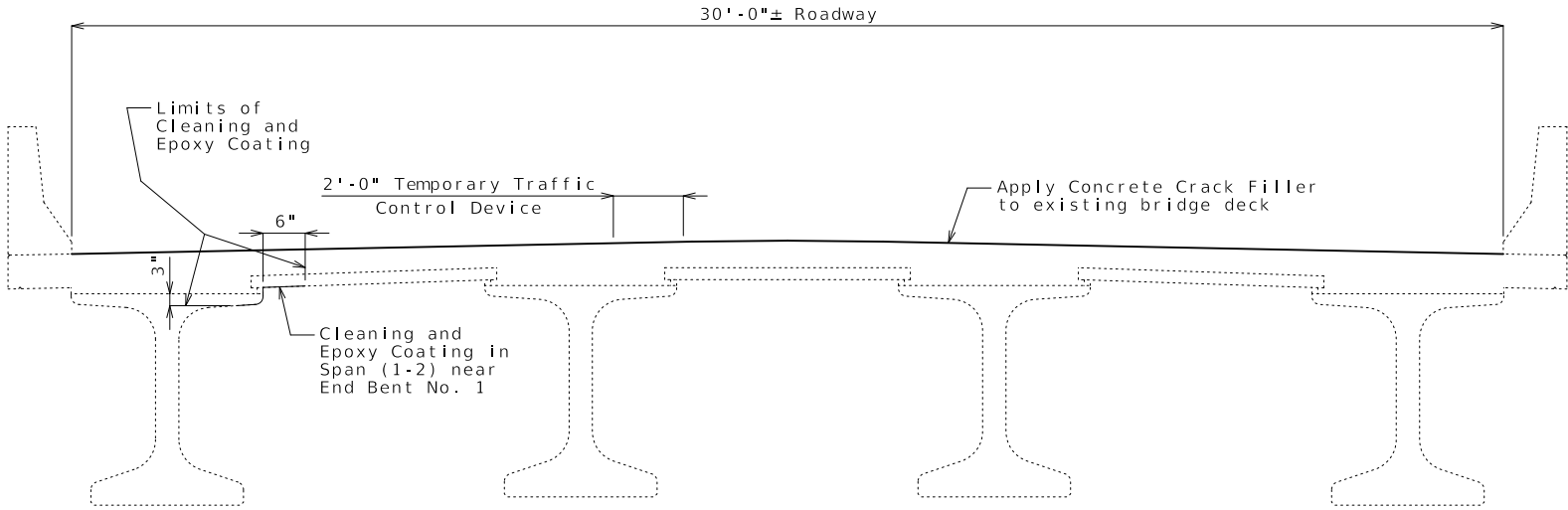
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

U.I.P. AND REHABILITATE EXISTING (68'-111'-116'-78') PRESTRESSED CONCRETE NU-GIRDER SPANS
(SKEW: 42°08'42" L.A.)

SEC/SUR 3 TWP 28N RGE 20W



SECTION THRU EXISTING DECK

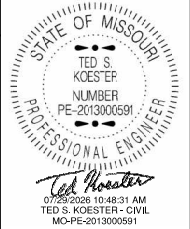
Estimated Quantities		
Item		Total
Cleaning and Epoxy Coating	sq. foot	10
Concrete Crack Filler	sq. yard	1255

General Notes:

- Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7
- Miscellaneous:
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 125 OVER
BNSF R.R., TURNER CREEK & FM156

ROUTE 125 FROM ROUTE 60 TO ROUTE D
ABOUT 0.1 MILES SOUTH OF ROUTE D
BEGINNING STATION 237+78.78± (Match Existing)



DATE PREPARED 7/29/2026	
ROUTE 25	STATE MO
DISTRICT BR	SHEET NO. 1
COUNTY GREENE	
JOB NO. JSU0169	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A82691	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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