

DESIGN DESIGNATION

A.A.D.T. - 2026 = 55,400

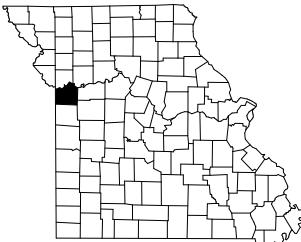
A.A.D.T. - 2046 = 61,500

V = 65 M.P.H.

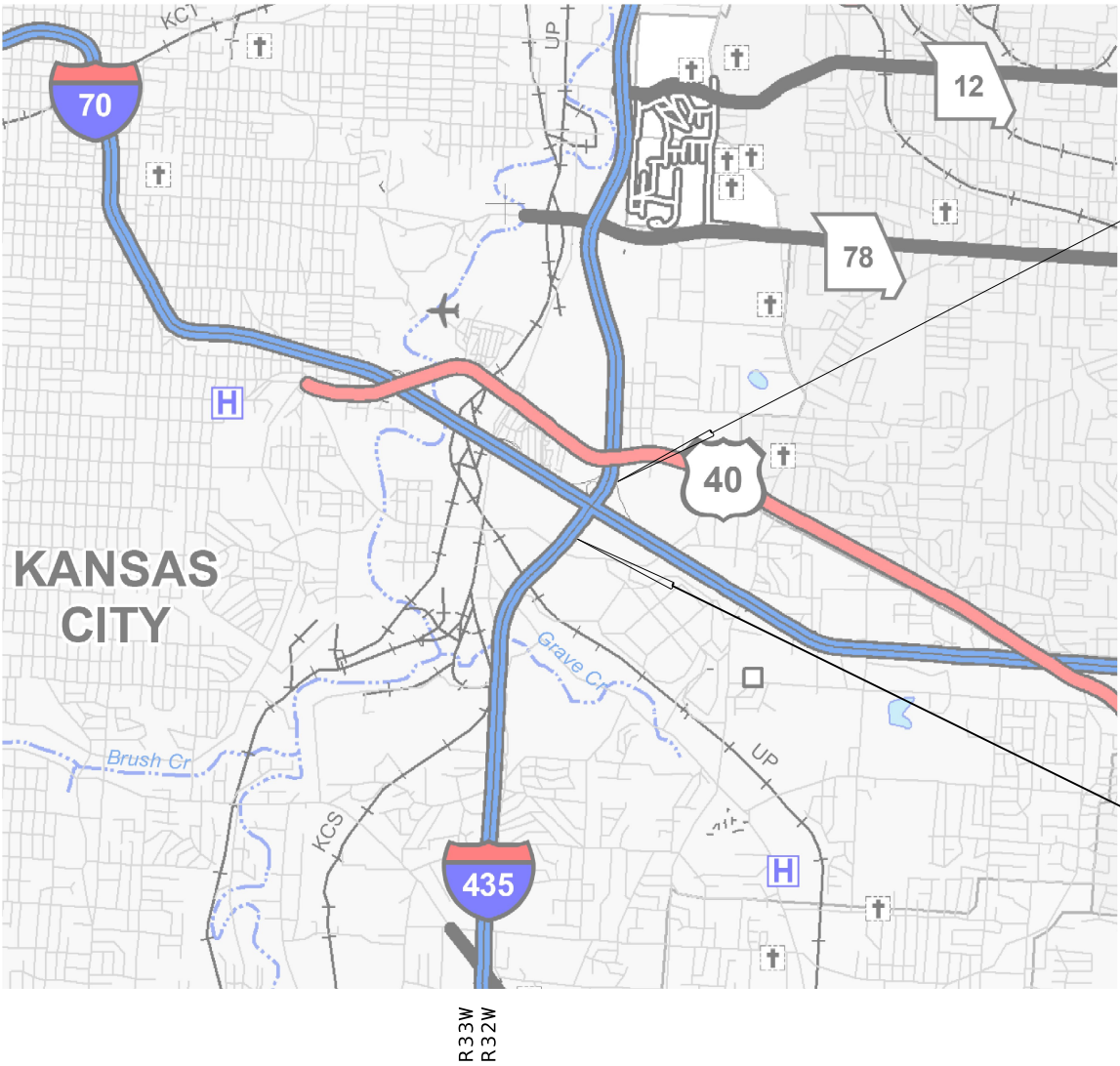
FUNCTIONAL CLASSIFICATION- INTERSTATE

NO RIGHT OF WAY TO BE
ACQUIRED FOR THIS PROJECT

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



KEY MAP
LOCATION OF JACKSON COUNTY



I-435S BEGIN LOG MILE 42.105
I-435N END LOG MILE 13.097

SUBGRADE STABILIZATION AT BRIDGES
A8553, A8556, A8550, A8546, A8542,
A8559, A8562, A8541, A8545, AND A8549

PROJECT LIMITS

I-435S END LOG MILE 42.434
I-435N BEGIN LOG MILE 12.775

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		
WOVEN WIRE		
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
PLAN-PROFILE (PP)	4-7
TRAFFIC CONTROL SHEETS (TC)	8-13



DATE PREPARED 6/30/2026	
ROUTE I-435	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY JACKSON	
JOB NO. JKU0512	
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

I-435S	
BEGINNING OF PROJECT	LOG MILE 42.105
END OF PROJECT	LOG MILE 42.434
I-435N	
BEGINNING OF PROJECT	LOG MILE 12.775
END OF PROJECT	LOG MILE 13.097
RAMP I-435S TO I-70E	
BEGINNING OF PROJECT	LOG MILE 0.445
END OF PROJECT	LOG MILE 0.630
RAMP I-435N TO I-70W	
BEGINNING OF PROJECT	LOG MILE 0.150
END OF PROJECT	LOG MILE 0.360

APPARENT LENGTH 5,522.88 FEET

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	5,522.88 FEET
STATE LENGTH	1.046 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES



6/30/2026 12:08:06 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005
DATE PREPARED

6/30/2026

ROUTE I - 435 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY JACKSON

JOB NO. JKU0512

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)

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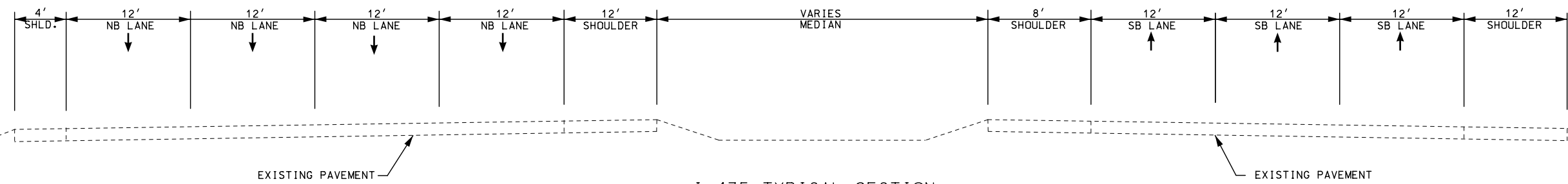
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105 WEST CAPITOL JEFFERSON CITY, MO 65102

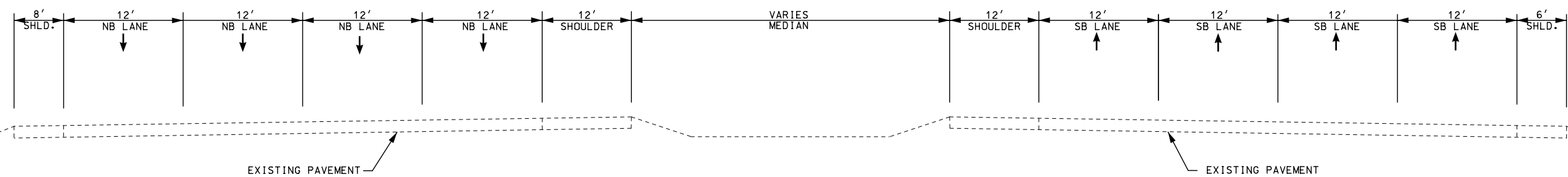
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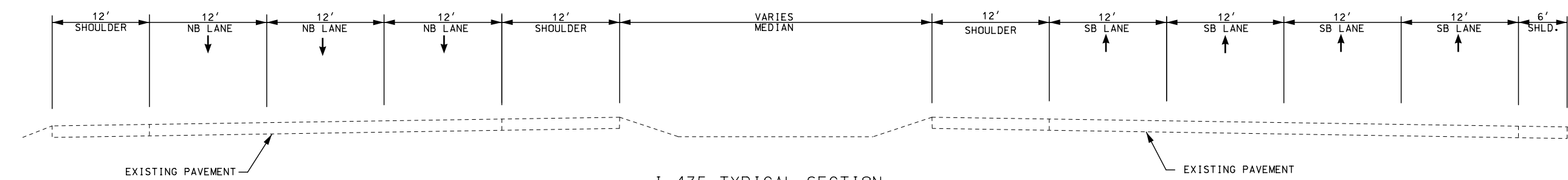
1-888-ASK-MODOT (1-888-275-6636)



I-435 TYPICAL SECTION
SB LOG MILE 42.105 TO SB LOG MILE 42.143
NB LOG MILE 13.059 TO NB LOG MILE 13.097

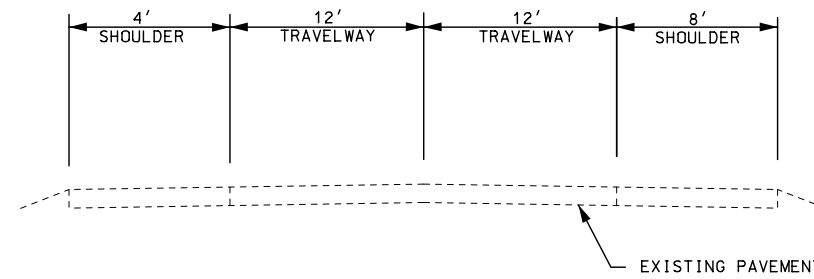
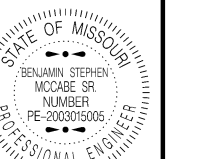
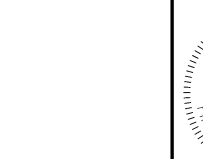


I-435 TYPICAL SECTION
SB LOG MILE 42.227 TO SB LOG MILE 42.297
NB LOG MILE 12.909 TO NB LOG MILE 12.969

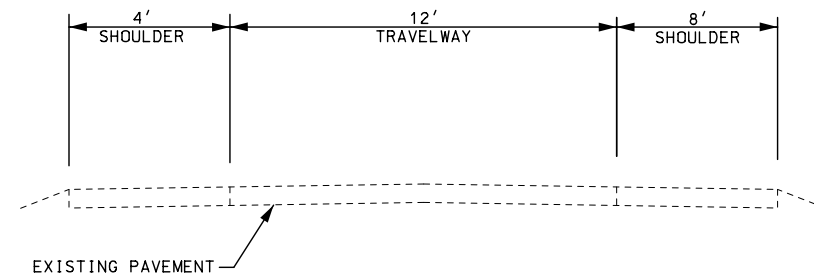


I-435 TYPICAL SECTION
SB LOG MILE 42.380 TO SB LOG MILE 42.434
NB LOG MILE 12.775 TO NB LOG MILE 12.814

NOT TO SCALE



EXISTING I-435S TO I-70E RAMP TYPICAL SECTION
LOG MILE 0.445 TO LOG MILE 0.490
LOG MILE 0.567 TO LOG MILE 0.630



EXISTING I-435N TO I-70W RAMP TYPICAL SECTION
LOG MILE 0.150 TO LOG MILE 0.220
LOG MILE 0.307 TO LOG MILE 0.360

NOT TO SCALE

TYPICAL SECTION
SHEET 2 OF 2



Benjamin Stephen McCabe Sr
06/30/2026 12:09:33 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PE-2003015005

DATE PREPARED

6 / 30 / 2026

ROUTE	STATE
I - 435	MO

DISTRICT	SHEET NO
KC	2

COUNTY

JACKSON

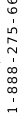
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JKU0512

CONTRACT ID.

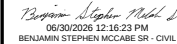
PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



DATE PREPARED
6/30/2026

ROUTE	STATE
I 42 E	MO

DISTRICT SHEET NO
KC 3

COUNTY
JACKSON

JOB NO.
11110510

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

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10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

10. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

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SUBGRADE STABILIZATION QUANTITIES

BRIDGE	LOCATION	ROADWAY	WIDTH	LENGTH	HIGH DENSITY POLYURETHANE FOAM
			FT	FT	LB
BRIDGE A8553	NORTH APPROACH	RAMP I-435S TO I-70E	36	65	11,800
	SOUTH APPROACH	RAMP I-435S TO I-70E	36	65	11,800
BRIDGE A8556	NORTH APPROACH	RAMP I-435S TO I-70E	36	65	10,900
	SOUTH APPROACH	RAMP I-435S TO I-70E	36	65	10,900
BRIDGE A8550	NORTH APPROACH	I-435 SB	56	60	13,797
	SOUTH APPROACH	I-435 SB	56	60	13,797
BRIDGE A8546	NORTH APPROACH	I-435 SB	66	80	20,682
	SOUTH APPROACH	I-435 SB	66	80	20,682
BRIDGE A8542	NORTH APPROACH	I-435 SB	66	55	13,586
	SOUTH APPROACH	I-435 SB	66	55	13,586
BRIDGE A8559	SOUTH APPROACH	RAMP I-435N TO I-70W	24	36	5,000
	NORTH APPROACH	RAMP I-435N TO I-70W	24	36	5,000
BRIDGE A8562	SOUTH APPROACH	RAMP I-435N TO I-70W	24	48	5,890
	NORTH APPROACH	RAMP I-435N TO I-70W	24	48	5,890
BRIDGE A8541	SOUTH APPROACH	I-435 NB	60	60	13,797
	NORTH APPROACH	I-435 NB	60	60	13,797
BRIDGE A8545	SOUTH APPROACH	I-435 NB	68	50	13,113
	NORTH APPROACH	I-435 NB	68	50	13,113
BRIDGE A8549	SOUTH APPROACH	I-435 NB	64	60	7,155
	NORTH APPROACH	I-435 NB	64	60	7,155
				PAY TOTAL	231,440

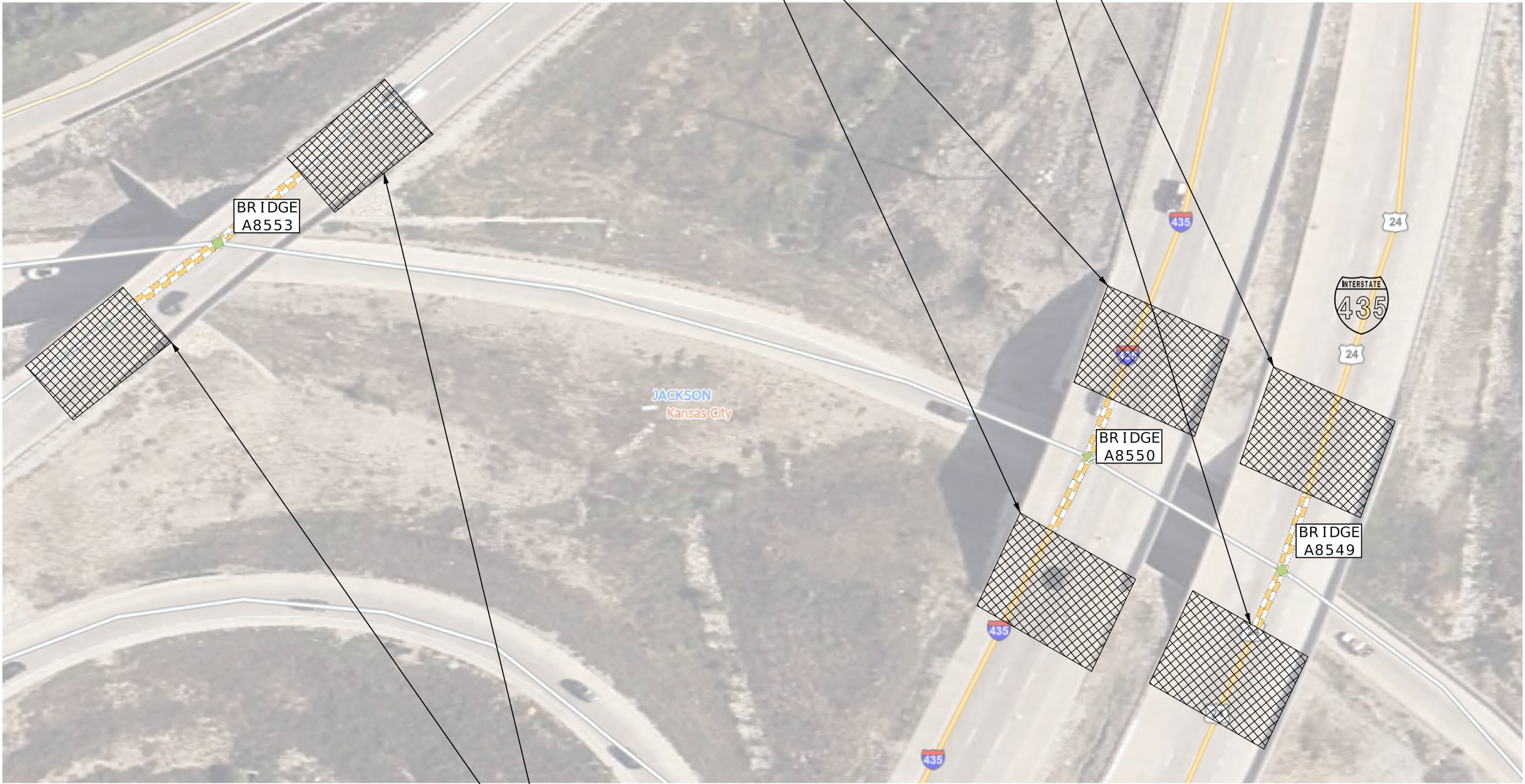
MOBILIZATION

1	LUMP SUM
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SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.	IN.		SQ. FT.	EACH	SQ. FT.	NO.	IN.	SQ. FT.	EACH	SQ. FT.		NO.	NUMBER	QTY	DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00	1	12.0				GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	10	60.0				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	420	CHANNELIZER (TRIM-LINE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93	1	6.9				YIELD	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-2	48X48	16.00	1	16.0				YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033		DIRECTION INDICATOR BARRICADE	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	10	120.0				SPEED LIMIT 55	6161040	6	FLASHING ARROW PANEL	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R2-1	36X48	12.00	10	120.0				SPEED LIMIT 65	6161047		TYPE 3 OBJECT MARKER	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161070		TUBULAR MARKER	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-3	36X36	9.00						NO TURNS	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aL	48X48	16.00	5	80.0				MERGE (LEFT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1aR	48X48	16.00	4	64.0				MERGE (RIGHT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-1	48X48	16.00	2	32.0				ROAD/BRIDGE/RAMP NARROWS	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-1	36X48	12.00						DO NOT PASS	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00	2	32.0				NARROW LANES	R4-2	36X48	12.00						PASS WITH CARE	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R5-1a	36X24	6.00						WRONG WAY	6173700B		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2L	24X30	5.00						ONE WAY (LEFT)			RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-4	48X48	16.00						SOFT SHOULDER	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6175010A		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-9	24X12	2.00						SIDEWALK CLOSED			RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6175011B		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE			TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175013		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED				
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD	6208064A			
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50						LOCAL TRAFFIC ONLY				
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC	9029400			
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67						FINE SIGN				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS												
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	48X36	12.00						POINT OF PRESENCE	616-10.05		SPEEDING/PASSING (PLATE)	
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						WORK ZONE NO PHONE ZONE				
WO10-1	42RND.	9.62						RAILROAD CROSSING										616-10.10			
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													

BRIDGE A8549
LOG MILE 13.059 TO LOG MILE 13.097
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
SOUTH APPROACH - 64' W X 60' L W/ SLEEPER SLAB
INJECT 7,155 LBS HDPF
NORTH APPROACH - 64' W X 60' L W/ SLEEPER SLAB
INJECT 7,155 LBS HDPF

BRIDGE A8550
LOG MILE 42.105 TO LOG MILE 42.143
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
NORTH APPROACH - 56' W X 60' L WITH SLEEPER SLAB
INJECT 13,797 LBS HDPF
SOUTH APPROACH - 56' W X 60' L WITH SLEEPER SLAB
INJECT 13,797 LBS HDPF

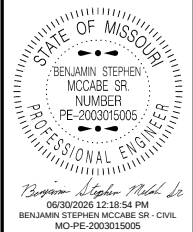


BRIDGE A8553
LOG MILE 0.445 TO LOG MILE 0.490
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
NORTH APPROACH - 36' W X 65' L W/ SLEEPER SLAB
INJECT 11,800 LBS HDPF
SOUTH APPROACH - 36' W X 65' L W/ SLEEPER SLAB
INJECT 11,800 LBS HDPF

 HIGH-DENSITY
POLYURETHANE FOAM (HDPF)

NOT TO SCALE

PLAN SHEET
SHEET 1 OF 4



DATE PREPARED 6/30/2026	
ROUTE I - 435	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY JACKSON	
JOB NO. JKU0512	
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)

BRIDGE A8556

JACKSON

Kansas City

NOT TO SCALE



DATE PREPARED	
6/30/2026	
ROUTE	STATE
I - 435	MO
DISTRICT	SHEET NO.
KC	5
COUNTY	
JACKSON	
JOB NO.	
JKU0512	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

BRIDGE A8559
LOG MILE 0.150 TO LOG MILE 0.220
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
SOUTH APPROACH - 24' W X 36' L W/ SLEEPER SLAB
INJECT 5,000 LBS HDPF
NORTH APPROACH - 24' W X 36' L W/ SLEEPER SLAB
INJECT 5,000 LBS HDPF

BRIDGE A8559
LOG MILE 0.150 TO LOG MILE 0.220
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
SOUTH APPROACH - 24' W X 36' L W/ SLEEPER SLAB
INJECT 5,000 LBS HDPF
NORTH APPROACH - 24' W X 36' L W/ SLEEPER SLAB
INJECT 5,000 LBS HDPF

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— BRIDGE A8541
LOG MILE 12.775 TO LOG MILE 12.814
INJECTIONS TO -8' UNDER SLEEPER SLAB AND AT JOINTS
SOUTH APPROACH - 60' W X 60' L W/ SLEEPER SLAB
INJECT 13,797 LBS HDPF
NORTH APPROACH - 60' W X 60' L W/ SLEEPER SLAB
INJECT 13,797 LBS HDPF

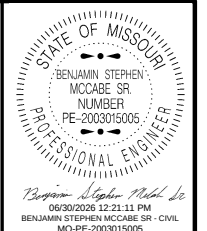
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HIGH-DENSITY
POLYURETHANE FOAM (HDPF)

NOT TO SCALE

PLAN SHEET
SHEET 3 OF 4



DATE PREPARED	
6/30/2026	
ROUTE	STATE
I - 435	MO
DISTRICT	SHEET NO.
KC	6
COUNTY	
JACKSON	
JOB NO.	
JKU0512	
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

This aerial map shows the Kansas City Jackson area, highlighting four bridges with grid overlays and arrows pointing to them. The bridges are labeled as follows:

- BRIDGE A8546**: Located on the left side of the map, near the intersection of Interstate 435 and State Route 24.
- BRIDGE A8545**: Located in the upper center, near the intersection of Interstate 435 and Interstate 70.
- BRIDGE A8562**: Located on the right side of the map, near the intersection of Interstate 435 and Interstate 70.
- Unlabeled Bridge**: Located in the lower center, near the intersection of Interstate 435 and Interstate 70.

The map also shows the following features:

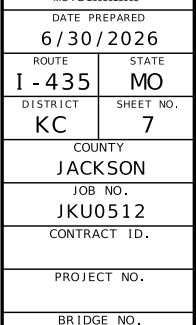
- Interstate 435**: A major highway running diagonally from the top left to the bottom right.
- Interstate 70**: A major highway running horizontally across the middle of the map.
- State Route 24**: A highway running horizontally across the top of the map.
- Kansas City JACKSON**: Text in the center of the map, with "Kansas City" in orange and "JACKSON" in blue.



HIGH-DENSITY
POLYURETHANE FOAM (HDPF)

NOT TO SCALE

PLAN SHEET
SHEET 4 OF 4

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

Sign Spacing, Device Spacing
and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

• SIGN (DOUBLE SIDED)

◁ FLAGGER

▲ DIRECTION INDICATOR BARRICADE

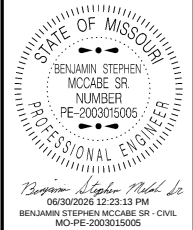
■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 6/30/2026	
ROUTE I - 435	STATE MO
DISTRICT KC	SHEET NO. 8
COUNTY JACKSON	
JOB NO. JKU0512	
CONTRACT ID.	

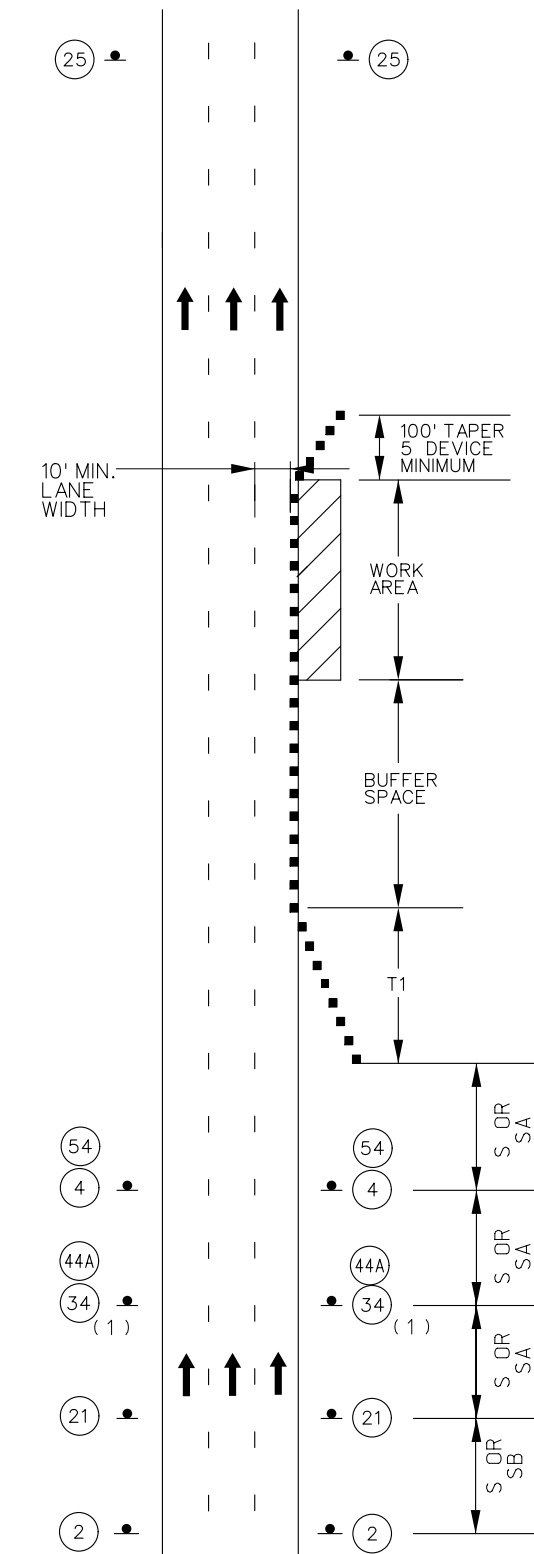
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

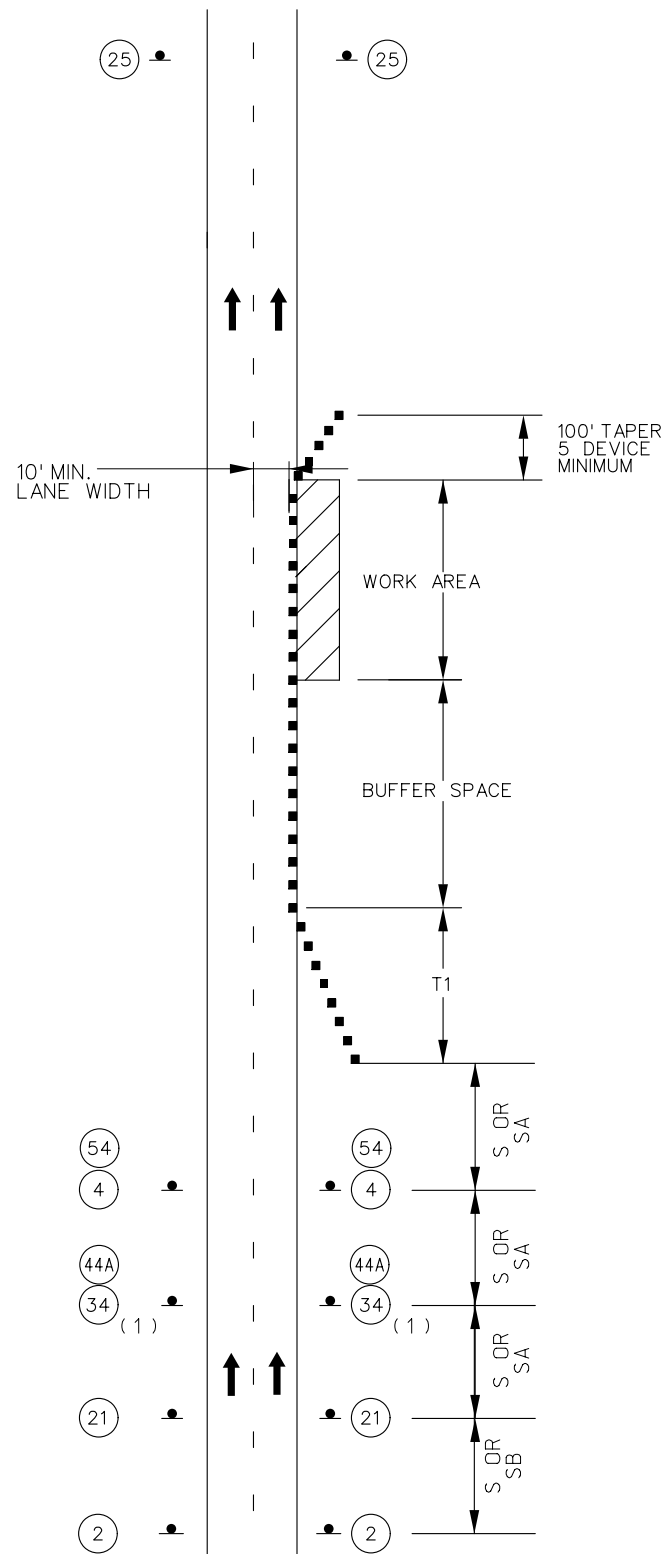
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



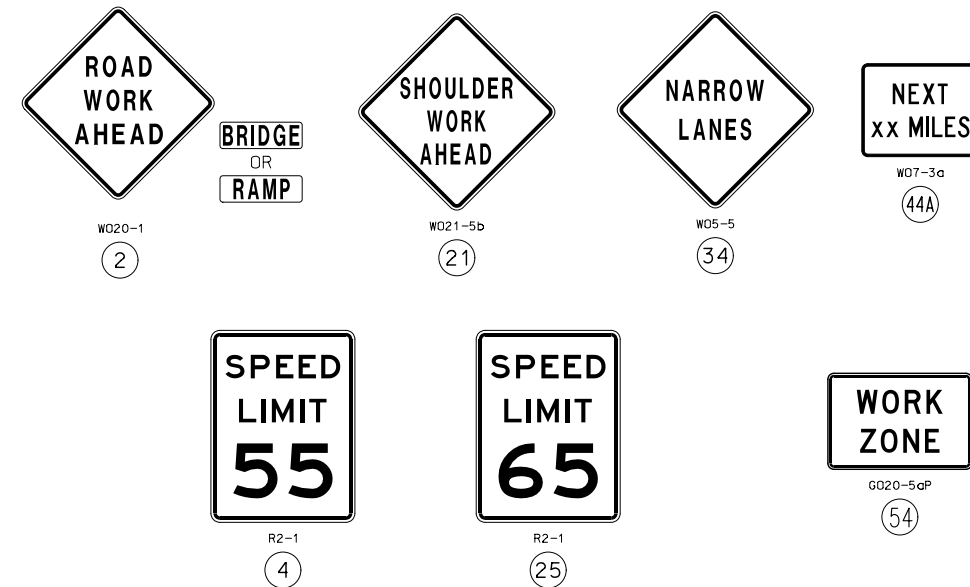
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



THREE LANE (MULTI) DIVIDED
SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT



MULTI-LANE DIVIDED
SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT



NOTES:

- SEE TRAFFIC CONTROL SHEET 1 FOR WORKZONE SPEED LIMIT GUIDELINES.
- SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.
- THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.
- VEHICLE- MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH -INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- (1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

SHOULDER WORK
MINOR ENCROACHMENT
TEMPORARY
TRAFFIC CONTROL
SHEET 2 OF 6

STATE OF MISSOURI

BENJAMIN STEPHEN MCCABE, SR.

NUMBER

PE-2003015005

PROFESSIONAL ENGINEER

BENJAMIN STEPHEN MCCABE, SR.

06/30/2026 12:23:59 PM

BENJAMIN STEPHEN MCCABE, SR. - CIVIL

MO-PE-2003015005

DATE PREPARED

6/30/2026

ROUTE

I - 435

STATE

MO

DISTRICT

KC

SHEET NO.

9

COUNTY

JACKSON

JOB NO.

JKU0512

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

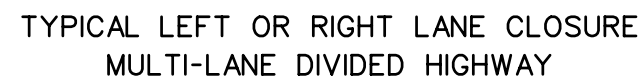
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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

FOR NIGHT TIME 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 ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

LANE CLOSURE
MULTI LANE
TEMPORARY
TRAFFIC CONTROL
SHEET 3 OF 6



STATE OF MISSOURI

BENJAMIN STEPHEN MCCABE, SR.

NUMBER

PE-2003015005

PROFESSIONAL ENGINEER

Benjamin Stephen McCabe, Sr.

06/30/2026 12:26:19 PM

BENJAMIN STEPHEN MCCABE, SR. - CIVIL

MO-PE-2003015005

DATE PREPARED

6/30/2026

ROUTE

I - 435

STATE

MO

DISTRICT

KC

SHEET NO.

11

COUNTY

JACKSON

JOB NO.

JKU0512

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

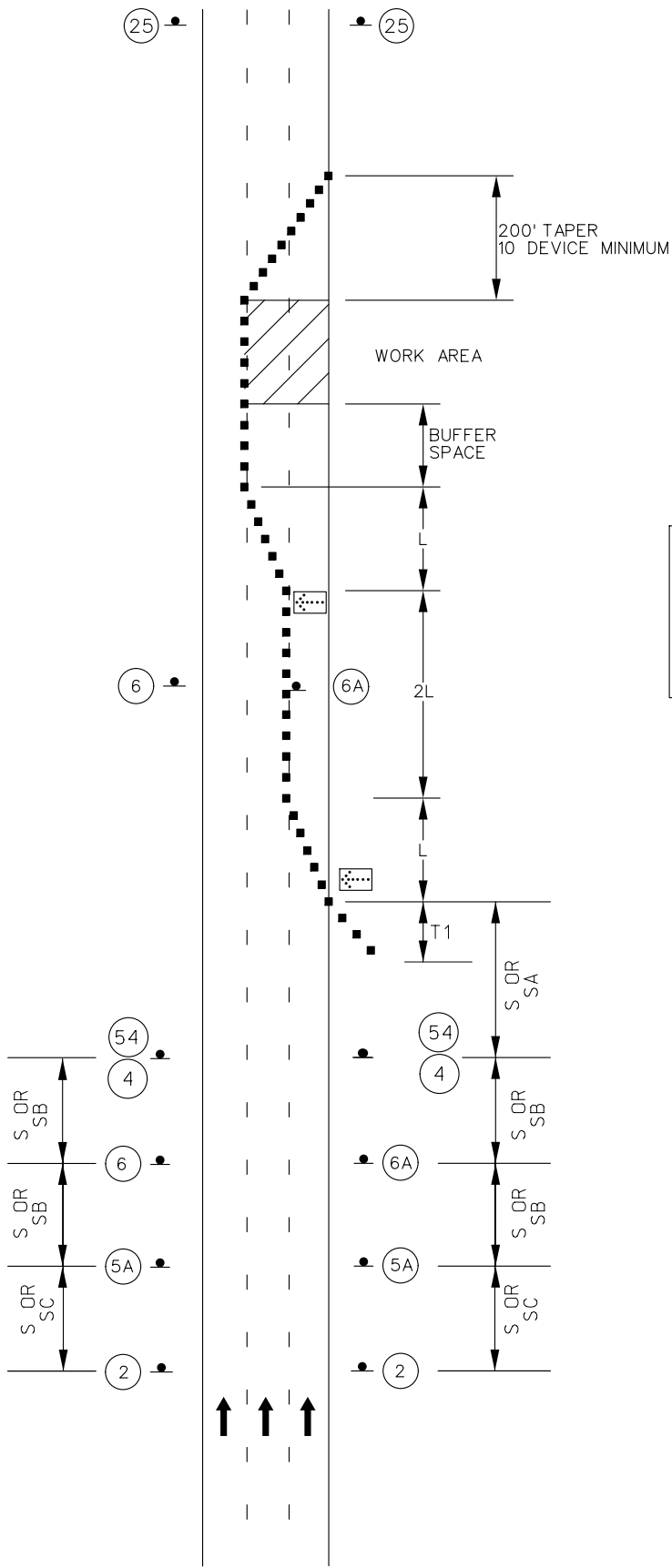
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



LANE CLOSURE TWO LANES OF
MULTI-LANE DIVIDE HIGHWAY

TA-37

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



BRIDGE
OR
RAMP

W020-1
(2)



W020-5a
(5A)

CENTER
OR
LEFT



W020-6a
(6)

CENTER
OR
LEFT



W04-1a
(6A)



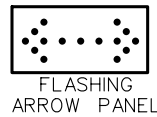
R2-1
(4)



R2-1
NORMAL SPEED
(25)



G020-5aP
(54)



CHANNELIZERS

NOTES:

SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

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

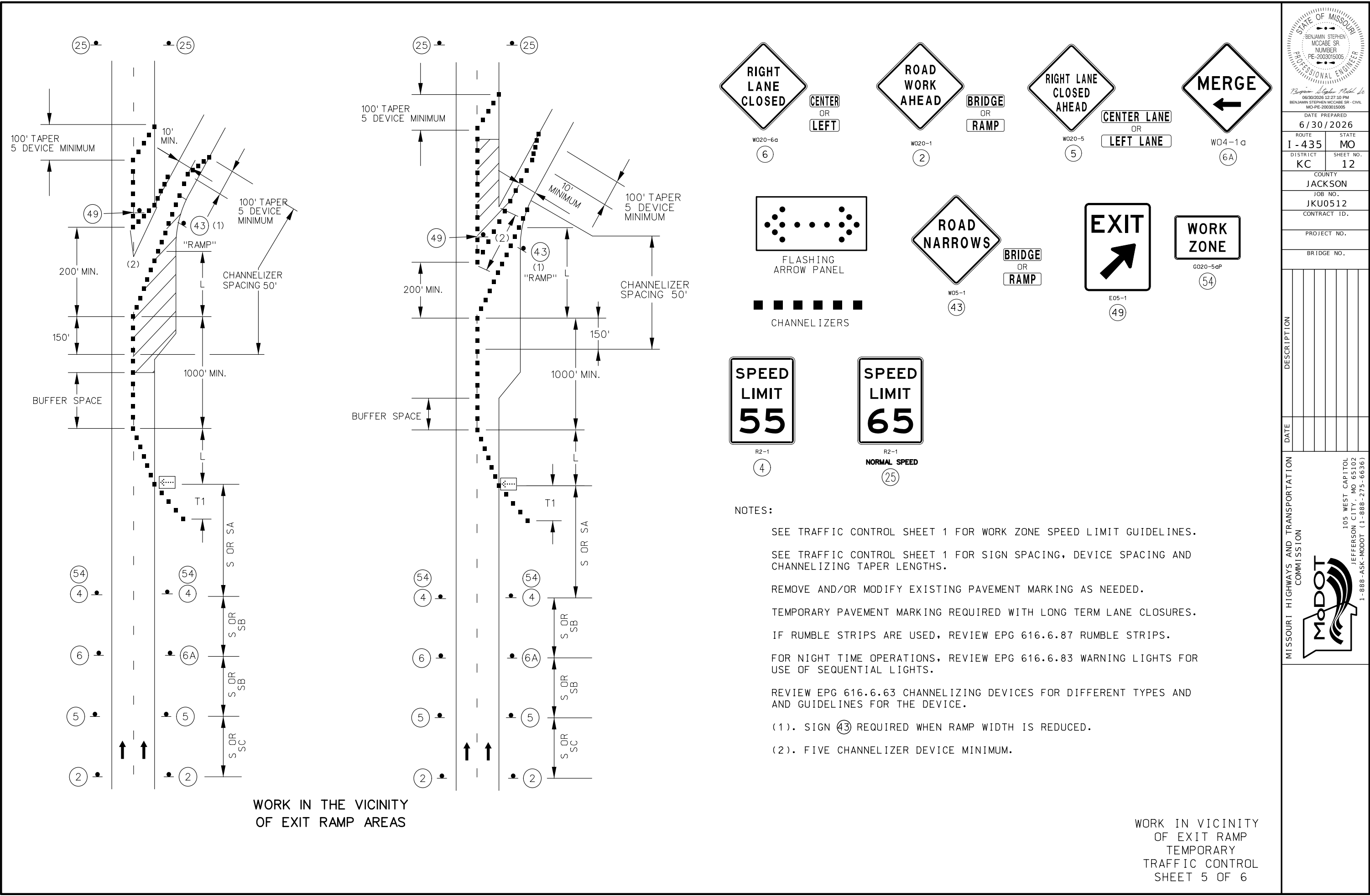
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

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

FOR NIGHT TIME 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 ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



WORK IN THE VICINITY
OF EXIT RAMP AREAS

WORK IN VICINITY
OF EXIT RAMP
TEMPORARY
TRAFFIC CONTROL
SHEET 5 OF 6

RIGHT LANE CLOSED

W020-6a

6

CENTER OR LEFT

ROAD WORK AHEAD

W020-1

2

BRIDGE OR RAMP

RIGHT LANE CLOSED AHEAD

W020-5

5

CENTER LANE OR LEFT LANE

MERGE

W04-1a

6A

FLASHING ARROW PANEL

CHANNELIZERS

ROAD NARROWS

W05-1

43

BRIDGE OR RAMP

EXIT

E05-1

49

WORK ZONE

G020-5aP

54

SPEED LIMIT 55

R2-1

4

SPEED LIMIT 65

R2-1

25

NORMAL SPEED

- NOTES:
- SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
 - SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
 - REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
 - FOR NIGHT TIME 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 DEVICE.
 - (1). SIGN 43 REQUIRED WHEN RAMP WIDTH IS REDUCED.
 - (2). FIVE CHANNELIZER DEVICE MINIMUM.

STATE OF MISSOURI

BENJAMIN STEPHEN MCCABE SR.

NUMBER PE-2003015005

PROFESSIONAL ENGINEER

Benjamin Stephen McCabe Sr.

06/30/2026 12:27:10 PM

BENJAMIN STEPHEN MCCABE SR. - CIVIL

MO-PE-2003015005

DATE PREPARED

6/30/2026

ROUTE

I - 435

STATE

MO

DISTRICT

KC

SHEET NO.

12

COUNTY

JACKSON

JOB NO.

JKU0512

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

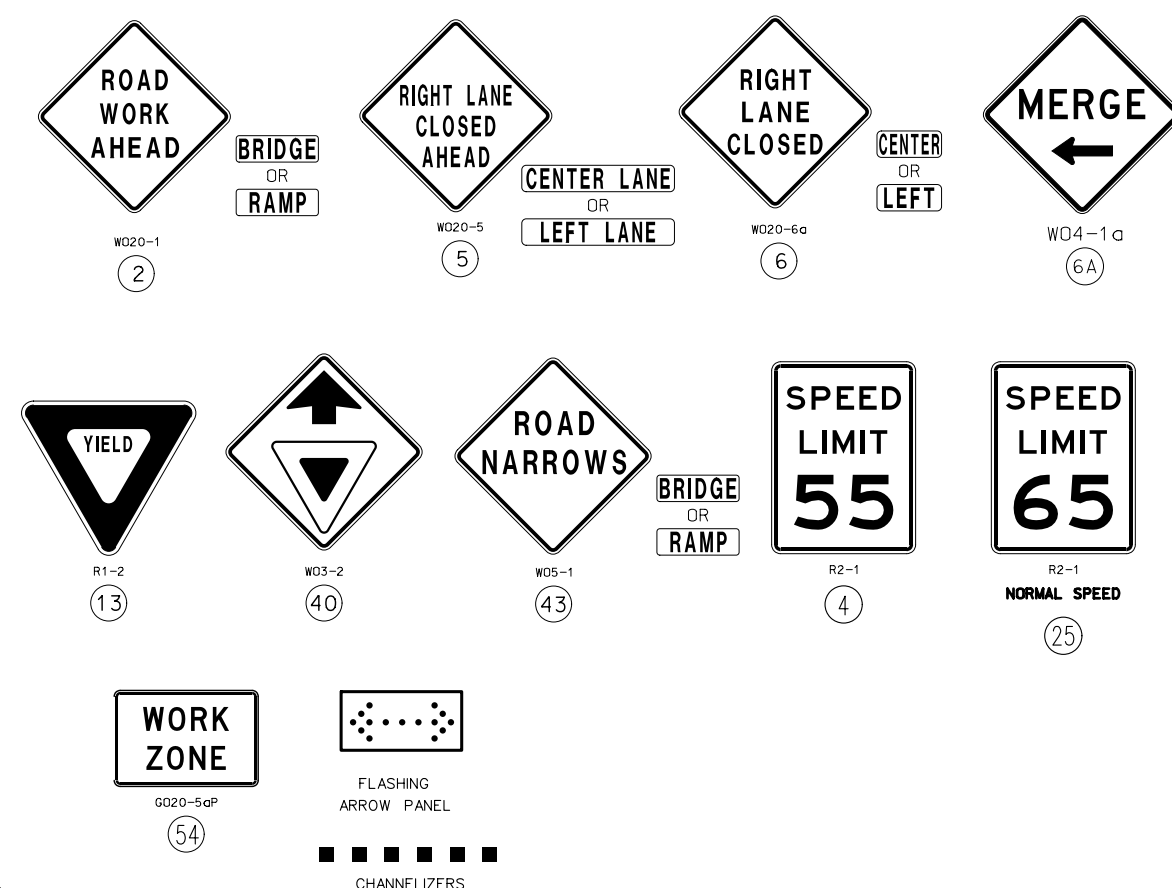
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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



WORK IN VICINITY
OF ENTRANCE RAMP
TEMPORARY
TRAFFIC CONTROL
SHEET 6 OF 6

STATE OF MISSOURI
BENJAMIN STEPHEN
MCCABE SR.
NUMBER
PE-2003015005
PROFESSIONAL ENGINEER

Benjamin Stephen McCabe Sr.
06/30/2025 12:28:13 PM
BENJAMIN STEPHEN MCCABE SR - CIVIL
MO-PF-2003015005

DATE PREPARED
6/30/2026

ROUTE I - 435	STATE MO
DISTRICT KC	SHEET NO 13

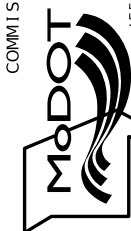
COUNTY
JACKSON

JOB NO.
JKU0512

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102