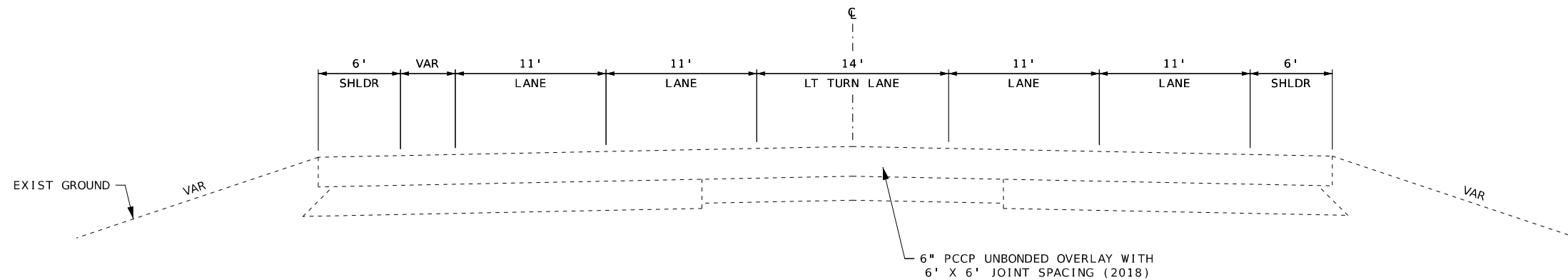


SECTION ON TANGENT
EXISTING TYPICAL SECTION RTE 412
LOG MI 22.355 TO LOG MI 23.531



SECTION ON TANGENT
EXISTING TYPICAL SECTION RTE 412
LOG MI 23.531 TO LOG MI 23.540

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

12/20/2024 5:15:57 PM

TIMOTHY CHRISTOPHER PICKETT - CIVIL

MO-PE-2017000351

DATE PREPARED

11/7/2024

ROUTE

412

STATE

MO

DISTRICT

SE

SHEET NO.

2

COUNTY

DUNKLIN

JOB NO.

JSE0058

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

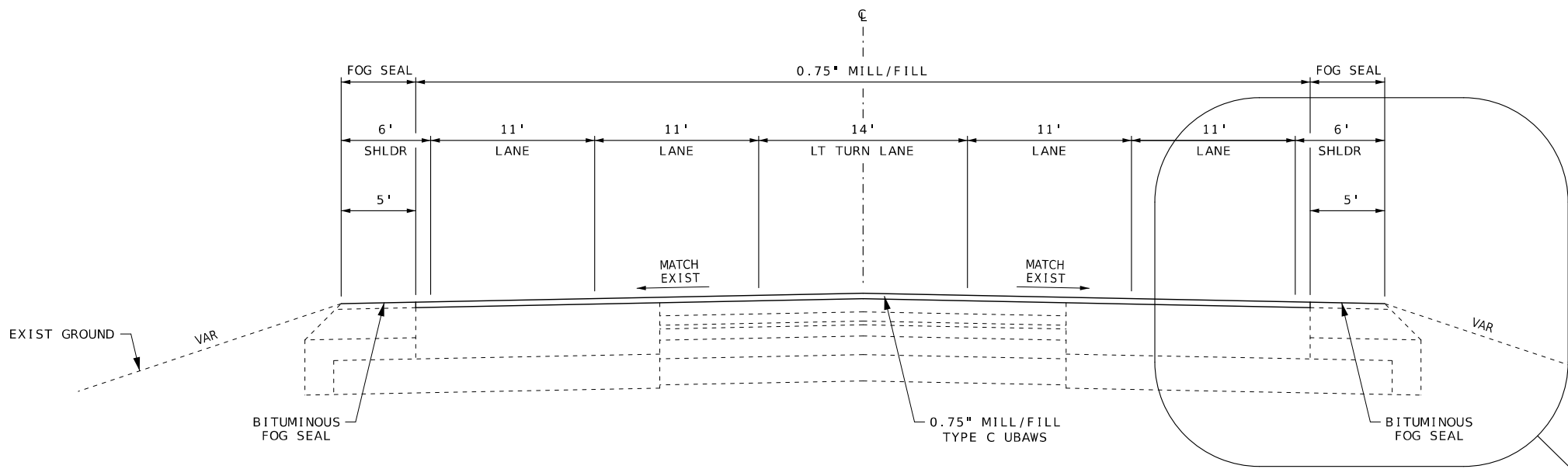
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

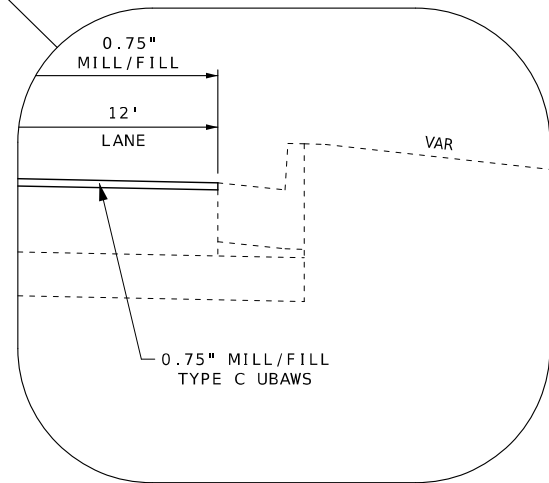
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION

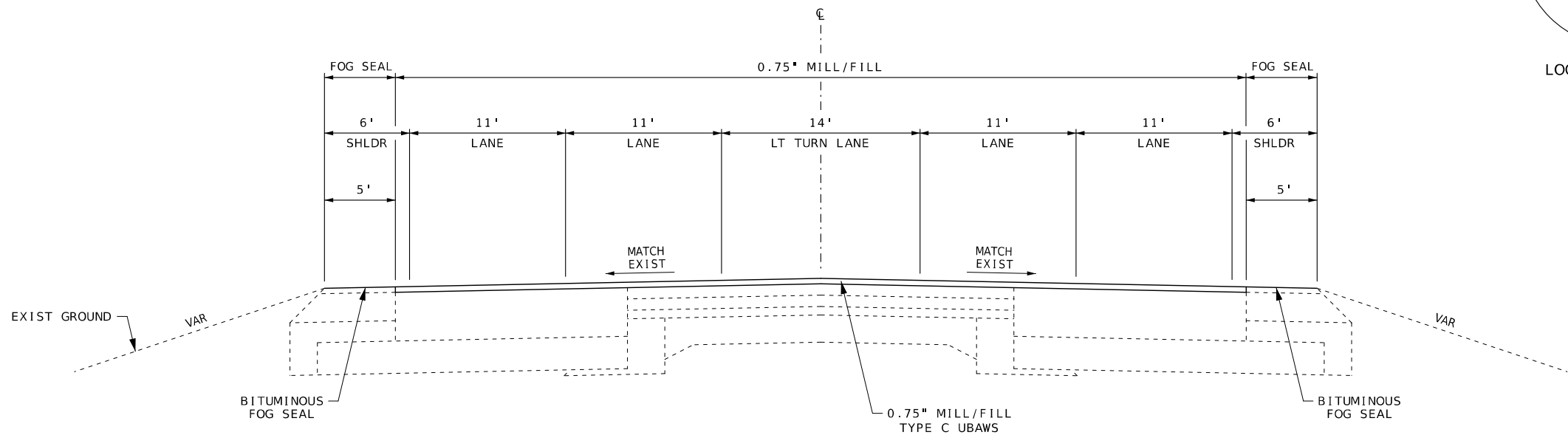
SHEET 2 OF 3



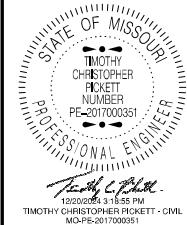
SECTION ON TANGENT
PROPOSED TYPICAL SECTION RTE 412
LOG MI 22.189 TO LOG MI 22.355



LOG MI 22.189 TO LOG MI 22.230 RT



SECTION ON TANGENT
PROPOSED TYPICAL SECTION RTE 412
LOG MI 22.355 TO LOG MI 23.531



DATE PREPARED 11/7/2024	
ROUTE 412	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY DUNKLIN	
JOB NO. JSE0058	
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

ULTRA-THIN BONDED ASPHALT WEARING SURFACE							
LOG MI	LOG MI	LOC	LENGTH (FT)	WIDTH (FT)	THICK (IN)	UBAWS AREA (SY)	REMARKS
22.189	22.230	CL	216.48	60.00	0.75	1443.2	
22.230	22.355	CL	660.00	60.00	0.75	4400.0	
22.355	23.531	CL	6209.28	60.00	0.75	41395.2	
					TOTAL	47239	

CRACK SEALING			
LOG MI	LOC	CRACK SEALING (LF)	REMARKS
22.189	CL	70.0	CONC/ASPH TRANSVERSE JOINT
22.531	CL	70.0	ASPH/CONC TRANSVERSE JOINT
	TOTAL	140	

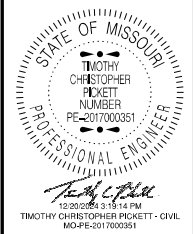
MOBILIZATION	
LUMP SUM ONE	

COLDMILLING							
LOG MI	LOG MI	LOC	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	COLDMILL 3" OR LESS (SY)	REMARKS
22.189	22.230	CL	216.48	60.00	0.75	1443.2	
22.230	22.355	CL	660.00	60.00	0.75	4400.0	
22.355	23.531	CL	6209.28	60.00	0.75	41395.2	
					TOTAL	47239	

FOG SEAL							
LOG MI	LOG MI	LOC	LENGTH (FT)	WIDTH (FT)	AREA (SY)	FOG SEAL 0.25 GAL/SY (GAL)	REMARKS
22.189	23.531	RT	7085.76	5.00	3936.5	984.1	
22.230	23.531	LT	6869.28	5.00	3816.3	954.1	
					TOTAL	1939	

PAVEMENT MARKING									
LOG MI	LOG MI	LENGTH (FT)	HIGH BUILD PAINT TYPE L BEADS				PREFORMED THERMOPLASTIC		
			4 " SOLID YELLOW (LF)	4 " INT YELLOW (LF)	6 " SOLID WHITE (LF)	6 " INT WHITE (LF)	LEFT ARROW (EA)	24 " YELLOW HASH (LF)	
			22.189	23.531	7085.76	14442	3476	14172	3543
		TOTAL	17918		17715		28	41	

PAVEMENT REPAIR												
LOG MI	LOG MI	LOC	LENGTH OF REPAIR (FT)	WIDTH OF REPAIR (FT)	FURNISHING & PLACING MATERIAL FOR PAVT REPAIR FULL DEPTH (SY)	SUBGRADE COMPACTION 6" DEPTH PAVT REPAIR (SY)	TYPE 1 OR 5 AGGR BASE 4" THICK PAVT REPAIR (SY)	FULL DEPTH SAW CUT PAVT REPAIR (LF)	DOWEL BAR DRILLED (EA)	DOWEL BAR BASKET (EA)	TIE BARS (EA)	REMARKS
22.230	22.238	RT	36	6	24	2.4	2.4	120	15	5	20	KENNETT ST INTERSECTION
				TOTAL	24	2	2	120	15	5	20	
SUBGRADE COMPACTION FOR PAVT REPAIR AND AGGR BASE FOR PAVT REPAIR QUANTITIES ARE CALCULATED AT 10% OF THE TOTAL AREA OF FULL DEPTH PAVT REPAIR.												
LOG MILES ARE APPROXIMATE - EXACT LOCATION TO BE DETERMINED BY THE ENGINEER. PAVT REPAIR SIZE IS APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.												



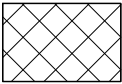
DATE PREPARED 11/7/2024	
ROUTE 412	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY DUNKLIN	
JOB NO. JSE0058	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE							

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

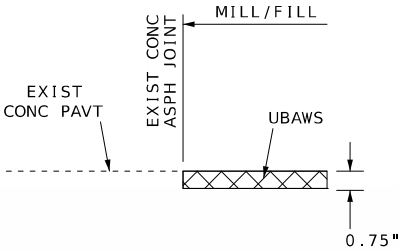
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGN	SIZE	AREA	QTY	TOTAL AREA	RELOC	TOTAL RELOC	SIGN NUM.	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL RELOC	SIGN NUM.	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2024	
SIGN	IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.			SIGN	IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.			NUMBER	QTY	DESCRIPTION	
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	48X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6161008		ADVANCED WARNING RAIL SYSTEM	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161013		BUOYS (NO WAKE)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161025	190	CHANNELIZER (TRIM LINE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161030	20	TYPE III MOVEABLE BARRICADE	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161033	25	DIRECTION INDICATOR BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161040	1	FLASHING ARROW PANEL	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161047		TYPE III OBJECT MARKER	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161070		TUBULAR MARKER	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161095		RADAR SPEED ADVISORY SYSTEM	
WO3-4	48X48	16.00	4	64.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00	4	64.00				NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161098A	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161099		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT			TEMPORARY TRAFFIC BARRIER	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002		CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00	2	24.00				KEEP RIGHT (HORIZONTAL ARROW)	6173600D		CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6175010A		TEMPORARY TRAFFIC BARRIER	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6176000B		COMMISSION FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6177000B		COMMISSION FURNISHED/RETAINED	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE			TEMPORARY RAISED PAVEMENT MARKER	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY TRAFFIC SIGNALS	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	9029400		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00	4	40.00				ROAD CLOSED				
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL									ROAD CLOSED XX MILES AHEAD				
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY				
WO8-11	48X48	16.00	10	160.00				UNEVEN LANES	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC				
WO8-12	48X48	16.00	10	160.00				NO CENTER LINE	CONST-3A	60X48	20.00						FINE SIGN				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)				
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				
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	2	24.00				WORK ZONE NO PHONE ZONE				
W10-1	42RND.	9.62						RAILROAD CROSSING	WO4-2L	48X48	16.00	1	16.00				LANE ENDS (SYMBOL-LEFT)				
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	WO4-2R	48X48	16.00	1	16.00				LANE ENDS (SYMBOL-RIGHT)				
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)													
WO16-2	30X24	5.00						XXX FEET (PLAQUE)													
WO16-3	30X24	5.00						X MILE (PLAQUE)													
WO20-1	48X48	16.00	10	160.00				ROAD/BRIDGE/RAMP WORK AHEAD													
WO20-2	48X48	16.00						DETOUR AHEAD													
WO20-3	48X48	16.00						ROAD CLOSED AHEAD													
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD	616-10.05	CONSTRUCTION SIGNS				TOTAL							
WO20-5	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10	RELOCATED SIGNS					TOTAL	0					
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD													
WO20-6a	48X48	16.00	4	64.00				RIGHT/CENTER/LEFT LANE CLOSED													
WO20-7a	48X48	16.00	4	64.00				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	2	4.38				WET PAINT (ARROW PIVOTS)													
									NOTE: NO DIRECT PAY FOR RELOCATION OF CONSTRUCTION SIGNS.												

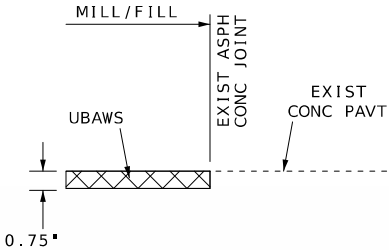


0.75" MILL/FILL
(TYPE C UBAs)

NOTE:
LOG MILE LOCATIONS ARE APPROXIMATE.
ADJUST AS DIRECTED BY THE ENGINEER
TO FIT FIELD CONDITIONS.



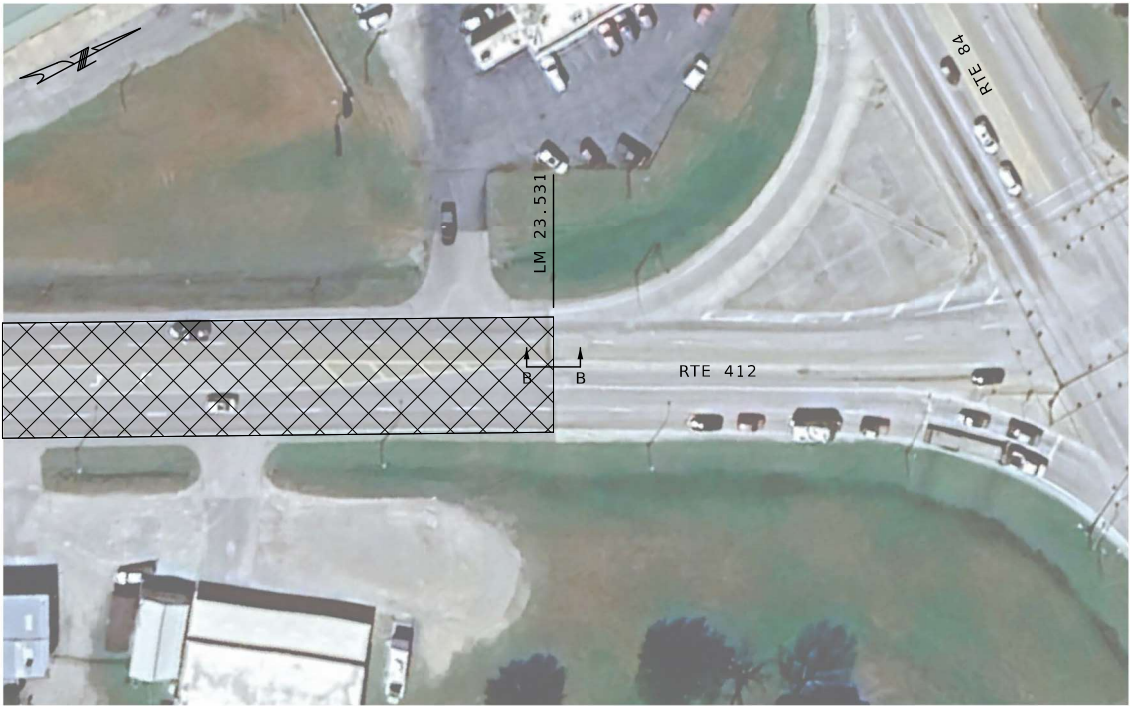
SECTION A-A



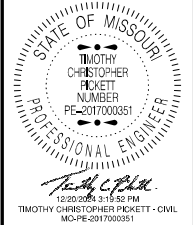
SECTION B-B



BEGIN PROJECT
LOG MI 22.189



END PROJECT
LOG MI 23.531




DATE PREPARED 11/7/2024	
ROUTE 412	STATE MO
DISTRICT SE	SHEET NO. 4
COUNTY DUNKLIN	
JOB NO. JSE0058	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



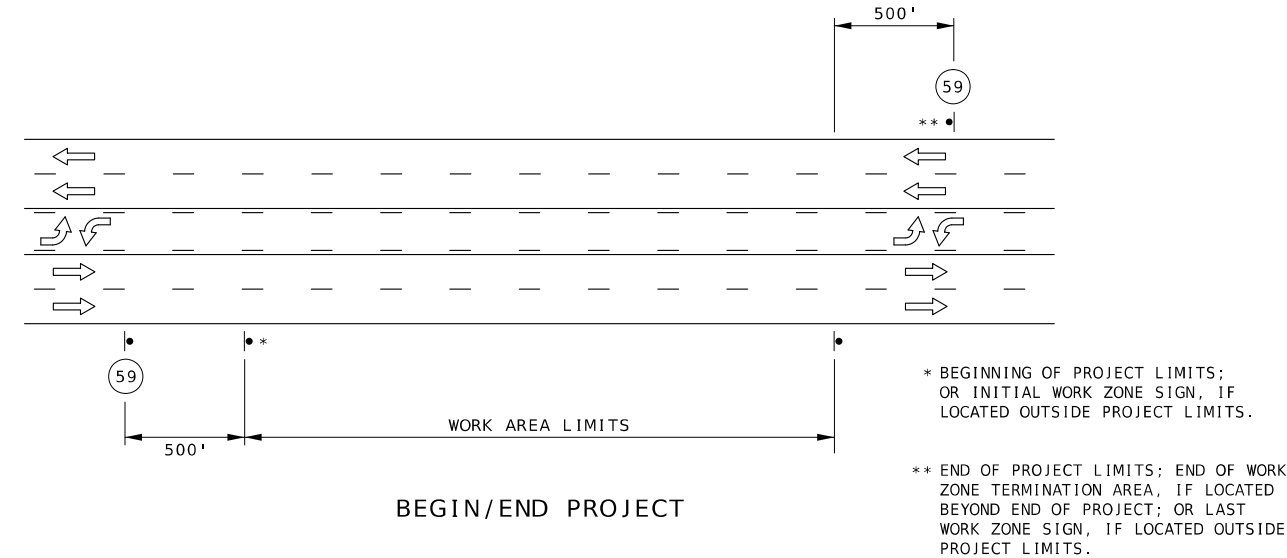
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL LEGEND			
SIGN (SINGLE SIDED)	BARRICADE		
DIRECTIONAL INDICATOR BARRICADE (DIB)	TRUCK MOUNTED ATTENUATOR (TMA)		
CHANNELIZER	FLASHING ARROW PANEL		

WO20-1
(2)

BRIDGE
OR
RAMP

WORK ZONE
NO PHONE
ZONE
CONST-8
(59)



PERMANENT POSTED SPEED (MPH)	SIGN SPACING (1)		TAPER LENGTH T1 SHOULDER (2)	TAPER LENGTH L FOR LATERAL SHIFTS (3)			BUFFER SPACE LENGTH	CHANNELIZER SPACING (4)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)		10 FT	11 FT	12 FT		TAPERS	BUFFER SPACE WORK AREA
0 - 35	200 FT	200 FT	70 FT	205 FT	225 FT	245 FT	280 FT	35 FT (5)	40 FT (5)
40 - 45	350 FT	500 FT	150 FT	450 FT	495 FT	540 FT	400 FT	40 FT (5)	80 FT (5)
50 - 55	500 FT	1000 FT	185 FT	550 FT	605 FT	660 FT	560 FT	50 FT (6)	80 FT (6)
60 - 70	1000 FT	SA - 1000 FT SB - 1500 FT SC - 2640 FT	235 FT	700 FT	770 FT	840 FT	840 FT	60 FT (6)	120 FT (6)

- (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- (2) SHOULDER TAPER LENGTH BASED ON 10' (STANDARD SHOULDER WIDTH) OFFSET.
- (3) TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, RAMPS, INTERSECTIONS, OR OTHER GEOMETIC FEATURES.
- (4) SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.
- (5) SPACING REDUCED TO ONE-HALF AT INTERSECTIONS.
- (6) SPACING MAY BE REDUCED TO ONE-HALF AT INTERSECTIONS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

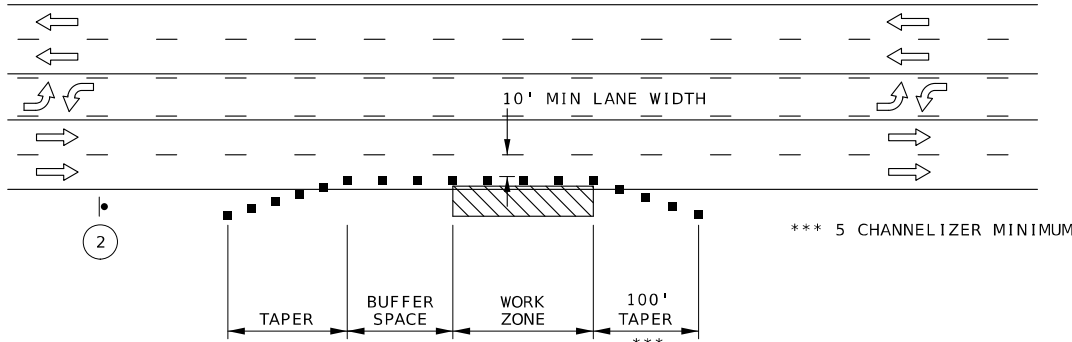
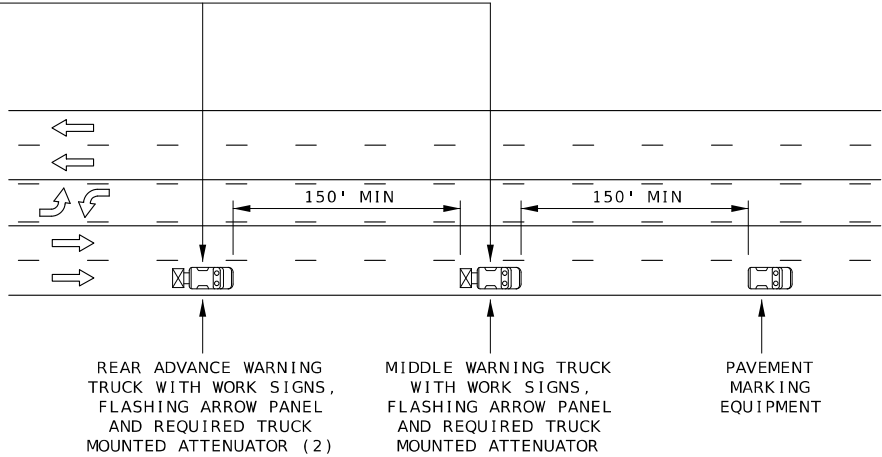
RIGHT
LANE
CLOSED
WO20-6a
(6)

CENTER
OR
LEFT

WET
PAINT
GO22-1
(61)

WET
PAINT
(1)

PAVEMENT MARKING



SHOULDER WORK WITH MINOR ENCROACHMENT

NOTES:

ALL LOG MILES, SPACING, AND DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE, AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

ANY EXISTING SIGNS THAT CONFLICT WITH THIS TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

STATE OF MISSOURI
TIMOTHY CHRISTOPHER PICKETT
PE-2017000351
PROFESSIONAL ENGINEER

DATE PREPARED
11/7/2024

ROUTE
412

DISTRICT
SE

STATE
MO

SHEET NO.
5

COUNTY
DUNKLIN

JOB NO.
JSE0058

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

TRAFFIC CONTROL
SHEET 1 OF 4

TRAFFIC CONTROL LEGEND			
• SIGN (SINGLE SIDED)	E BARRICADE		
▲ DIRECTIONAL INDICATOR BARRICADE (DIB)	TRUCK MOUNTED ATTENUATOR (TMA)		
■ CHANNELIZER	FLASHING ARROW PANEL		

ROAD WORK AHEAD

WO20-1

(2)

BRIDGE OR RAMP

(2)

RIGHT LANE CLOSED AHEAD

WO20-5

(5)

CENTER LANE OR LEFT LANE

(5)

RIGHT LANE CLOSED

WO20-6a

(6)

CENTER OR LEFT

(6)

KEEP RIGHT

R4-7a

(42)

W4-2L

(60A)

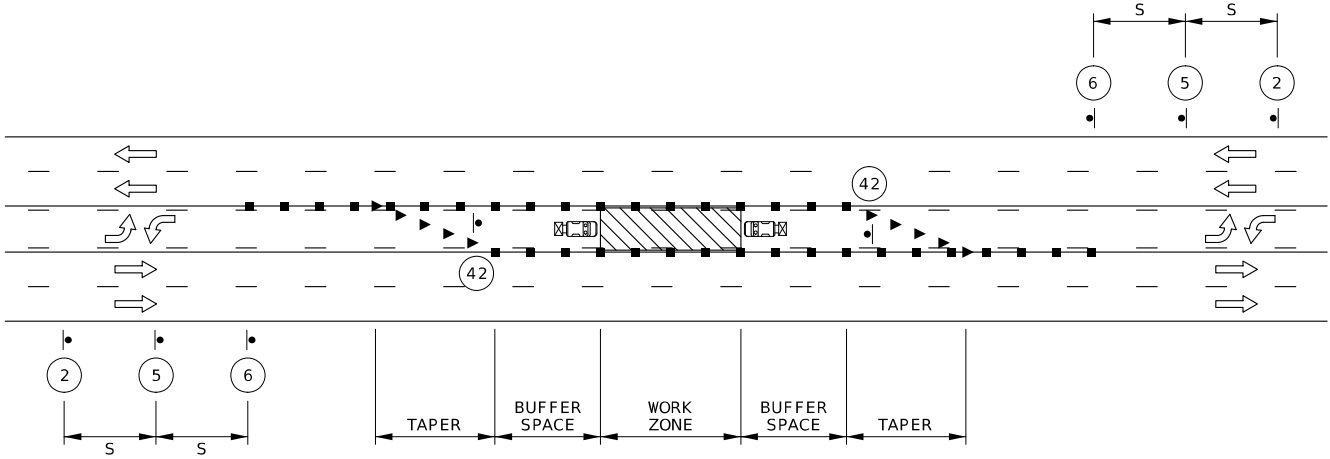
W4-2R

(60B)

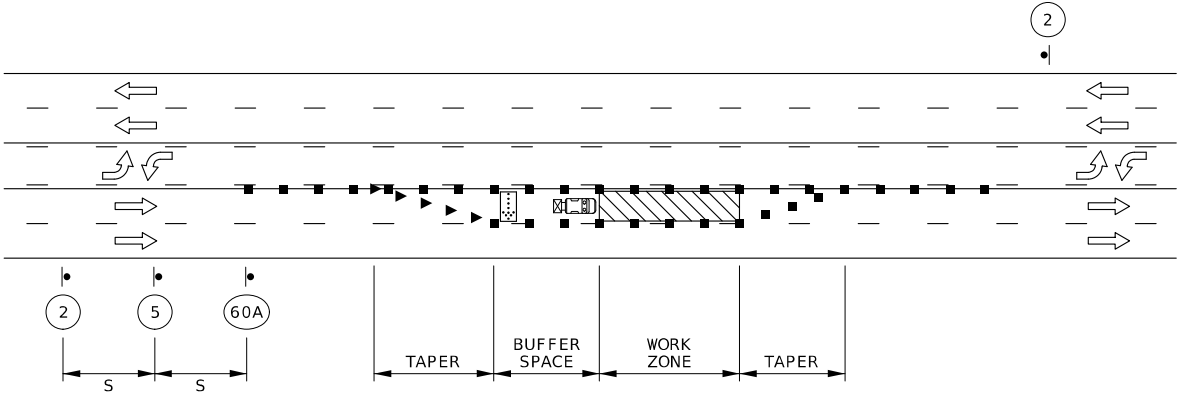
PERMANENT POSTED SPEED (MPH)	SIGN SPACING (1)		TAPER LENGTH T1 SHOULDER (2)	TAPER LENGTH L FOR LATERAL SHIFTS (3)			BUFFER SPACE LENGTH	CHANNELIZER SPACING (4)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)		10 FT	11 FT	12 FT		TAPERS	BUFFER SPACE WORK AREA
0 - 35	200 FT	200 FT	70 FT	205 FT	225 FT	245 FT	280 FT	35 FT (5)	40 FT (5)
40 - 45	350 FT	500 FT	150 FT	450 FT	495 FT	540 FT	400 FT	40 FT (5)	80 FT (5)
50 - 55	500 FT	1000 FT	185 FT	550 FT	605 FT	660 FT	560 FT	50 FT (6)	80 FT (6)
60 - 70	1000 FT	SA - 1000 FT SB - 1500 FT SC - 2640 FT	235 FT	700 FT	770 FT	840 FT	840 FT	60 FT (6)	120 FT (6)

- (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION. SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
- (2) SHOULDER TAPER LENGTH BASED ON 10' (STANDARD SHOULDER WIDTH) OFFSET.
- (3) TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, RAMPs, INTERSECTIONS, OR OTHER GEOMETIC FEATURES.
- (4) SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.
- (5) SPACING REDUCED TO ONE-HALF AT INTERSECTIONS.
- (6) SPACING MAY BE REDUCED TO ONE-HALF AT INTERSECTIONS.

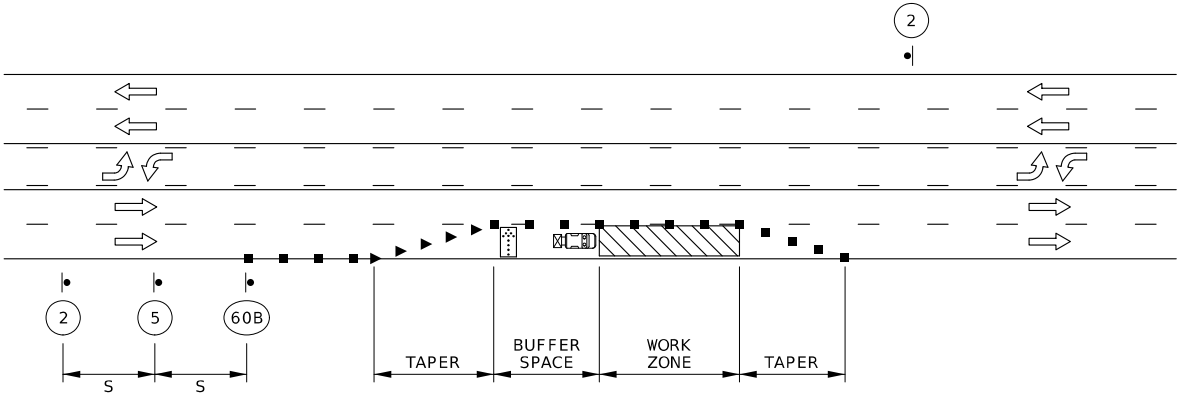
DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



CENTER LANE CLOSURE



LEFT LANE CLOSURE



RIGHT LANE CLOSURE

NOTES:

ALL LOG MILES, SPACING, AND DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE, AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

ANY EXISTING SIGNS THAT CONFLICT WITH THIS TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

STATE OF MISSOURI
TIMOTHY CHRISTOPHER PICKETT
NUMBER
PE-2017000351
PROFESSIONAL ENGINEER

DATE PREPARED
11/7/2024

ROUTE
412

STATE
MO

DISTRICT
SE

SHEET NO.
6

COUNTY
DUNKLIN

JOB NO.
JSE0058

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT

TRAFFIC CONTROL
SHEET 2 OF 4

TRAFFIC CONTROL LEGEND			
● SIGN (SINGLE SIDED)	E BARRICADE		
▲ DIRECTIONAL INDICATOR BARRICADE (DIB)	TRUCK MOUNTED ATTENUATOR (TMA)		
■ CHANNELIZER	FLASHING ARROW PANEL		



WO20-1
2

BRIDGE
OR
RAMP



WO20-7a
8



WO3-4
11

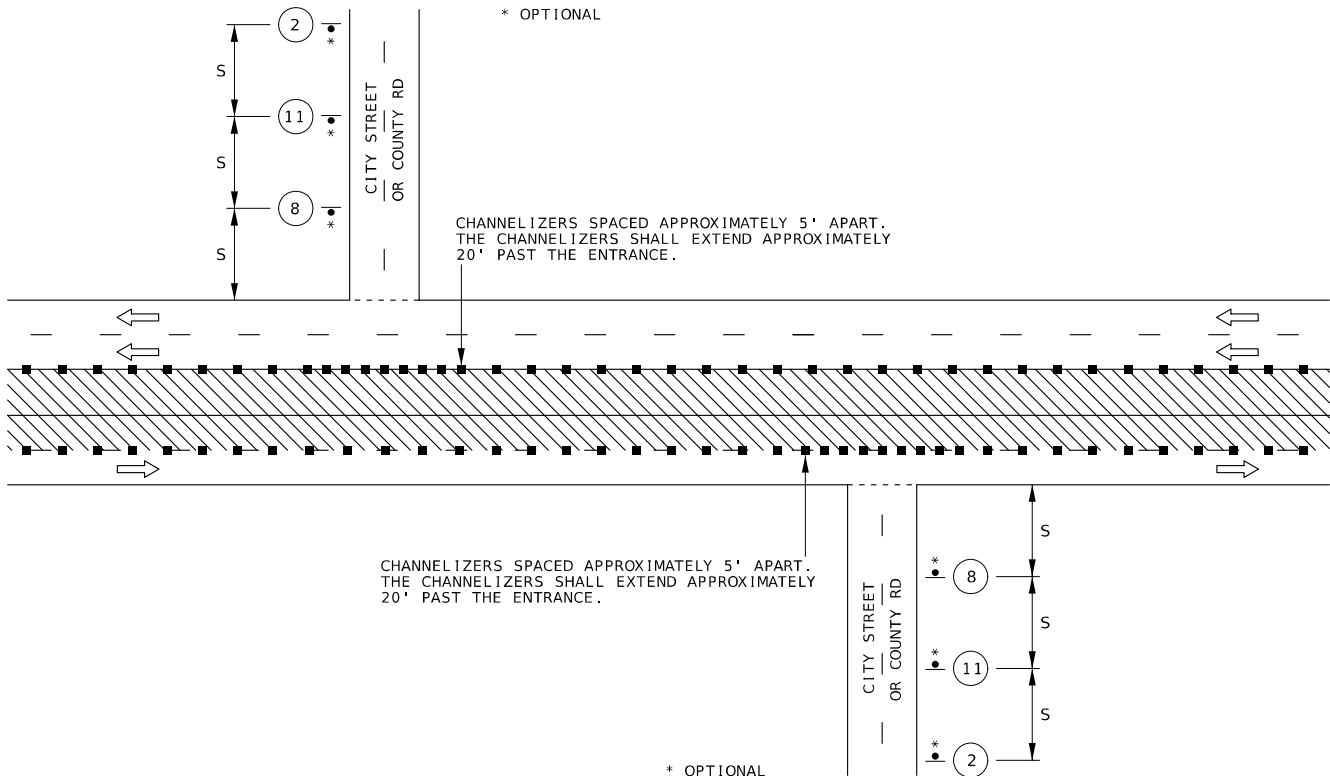
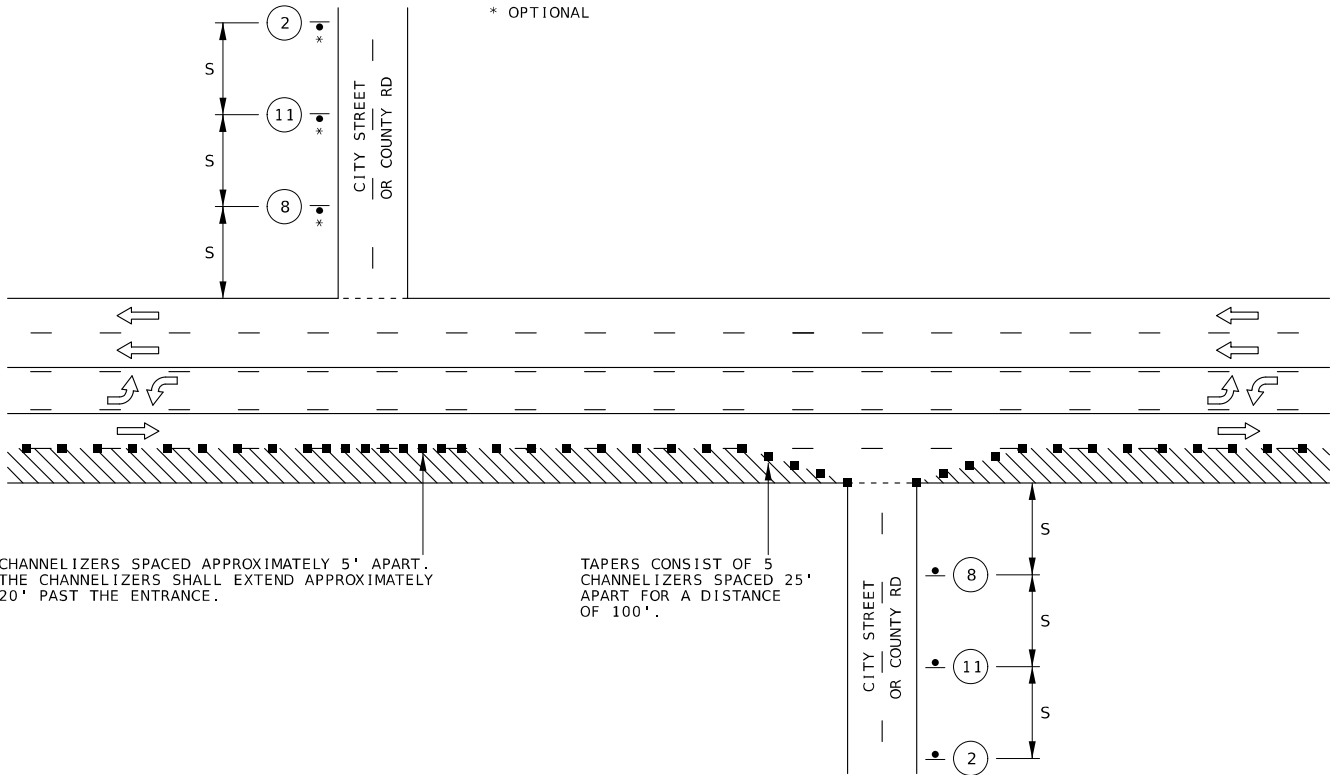
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ANY EXISTING SIGNS THAT CONFLICT WITH THIS TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.
NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.
QUANTITIES ARE PROVIDED FOR FLAGGER CONTROL OF FOUR PUBLIC ROAD APPROACHES TO THE WORK ZONE AT ONE TIME. (ESTIMATED 23 CHANNELIZERS PER LOCATION.)
FLAGGER STATIONS SHALL BE ILLUMINATED DURING NIGHTTIME HOURS AT NO DIRECT PAY.

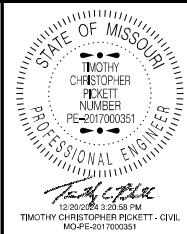
PERMANENT POSTED SPEED (MPH)	SIGN SPACING (1)		TAPER LENGTH T1 SHOULDER (2)	TAPER LENGTH L FOR LATERAL SHIFTS (3)			BUFFER SPACE LENGTH	CHANNELIZER SPACING (4)	
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DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



PUBLIC ROAD APPROACHES TO WORK ZONE



DATE PREPARED 11/7/2024	
ROUTE 412	STATE MO
DISTRICT SE	SHEET NO. 7
COUNTY DUNKLIN	
JOB NO. JSE0058	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



TRAFFIC CONTROL LEGEND			
● SIGN (SINGLE SIDED)	E BARRICADE		
▲ DIRECTIONAL INDICATOR BARRICADE (DIB)	TRUCK MOUNTED ATTENUATOR (TMA)		
■ CHANNELIZER	FLASHING ARROW PANEL		



R11-2
(29)



WO8-12
(35)



WO8-11
(36)



R3-2
(62)

NOTES:
ALL LOG MILES, SPACING, AND DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE, AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.
ANY EXISTING SIGNS THAT CONFLICT WITH THIS TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.
NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

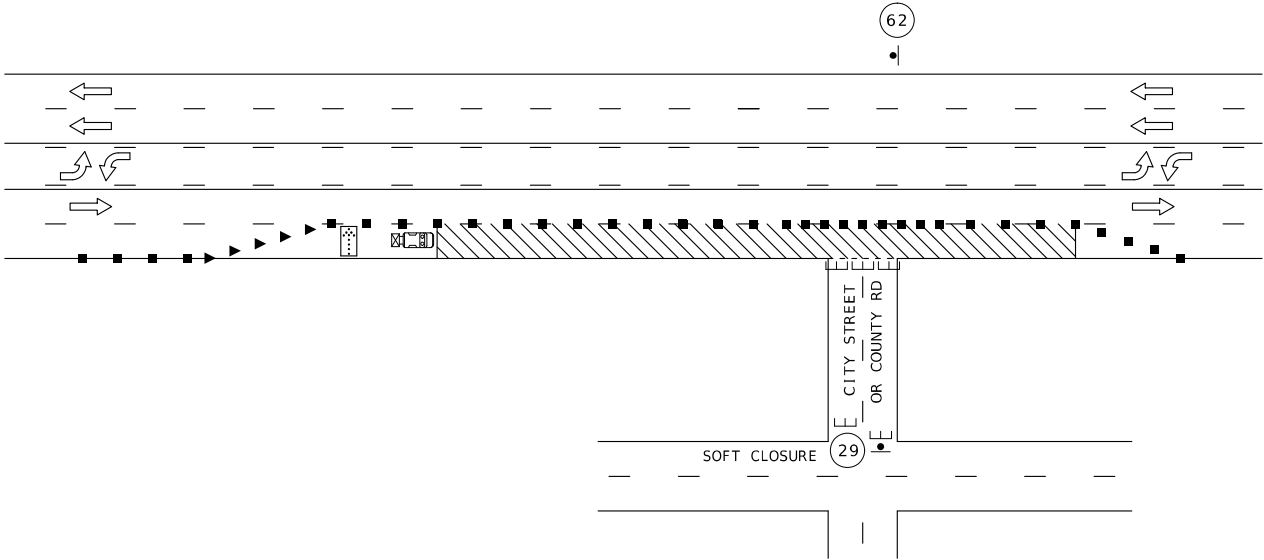
SEE PREVIOUS TRAFFIC CONTROL SHEETS FOR DETAILS OF LANE CLOSURES ON RTE 412.
PUBLIC ROADS SHALL BE CLOSED WHEN MILL/FILL OPERATIONS ARE IN THE VICINTY OF THE PUBLIC ROAD. THE PUBLIC ROADS SHALL BE REOPENED AS SOON AS ADJACENT MATERIAL CAN HANDLE TRAFFIC. SIGNS SHALL BE MOUNTED AND PLACED AS DIRECTED BY THE ENGINEER.
THE CONTRACTOR SHALL ENSURE THAT ACCESS IS MAINTAINED TO ALL BUSINESSES AND RESIDENCES DURING ROAD AND DRIVEWAY CLOSURES.
QUANTITIES ARE PROVIDED FOR FOUR "PUBLIC ROAD CLOSURE" TRAFFIC CONTROL SETUPS.

SIGN 35 AND TEMPORARY RAISED PAVT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STD PLAN 616.10 AND 903.03.

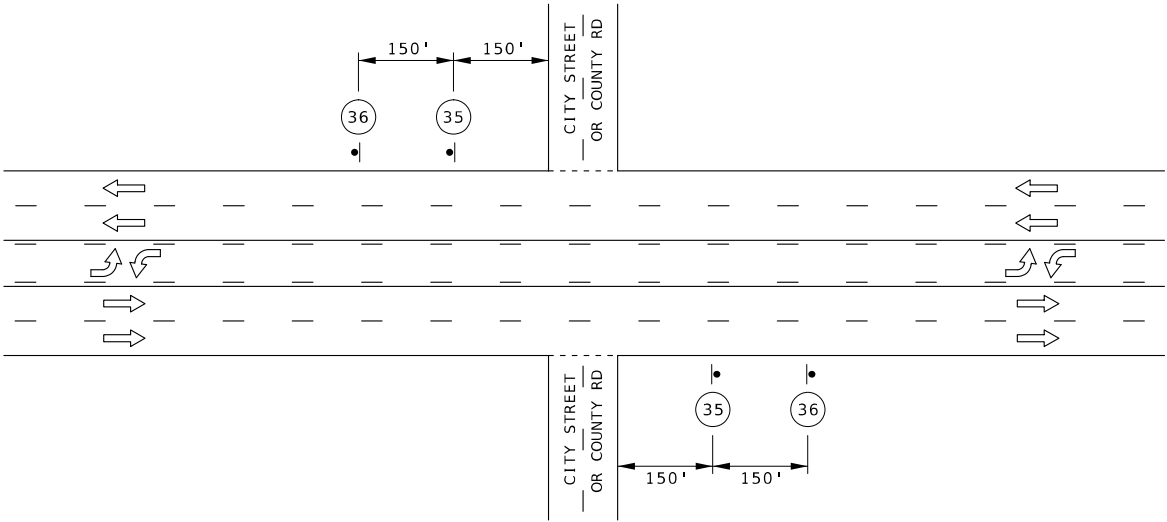
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PUBLIC ROAD CLOSURE



SIGN SPACING AT PUBLIC ROAD INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE

STATE OF MISSOURI

TIMOTHY CHRISTOPHER PICKETT

NUMBER

PE-2017000351

PROFESSIONAL ENGINEER

12/20/2016 5:21:50 PM

TIMOTHY CHRISTOPHER PICKETT - CIVIL

MO-PE-2017000351

DATE PREPARED
11/7/2024

ROUTE
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TRAFFIC CONTROL SHEET 4 OF 4