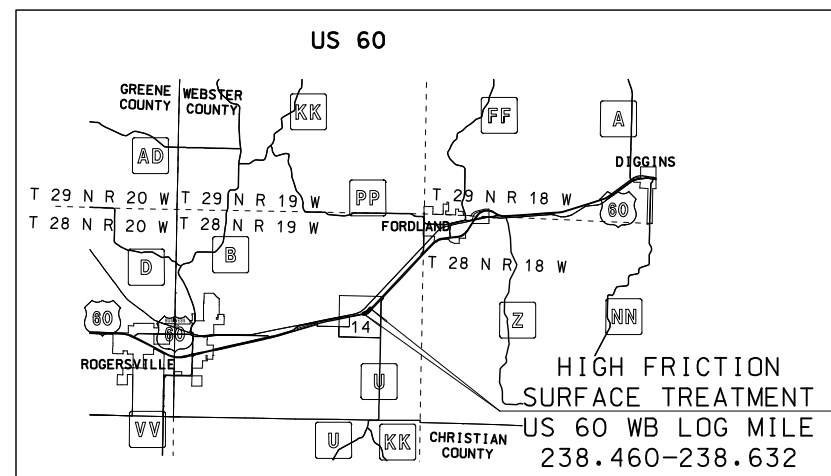
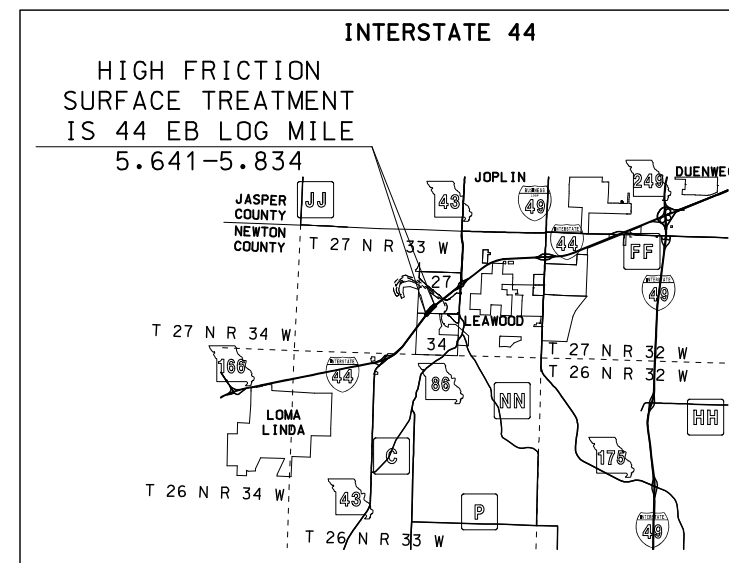
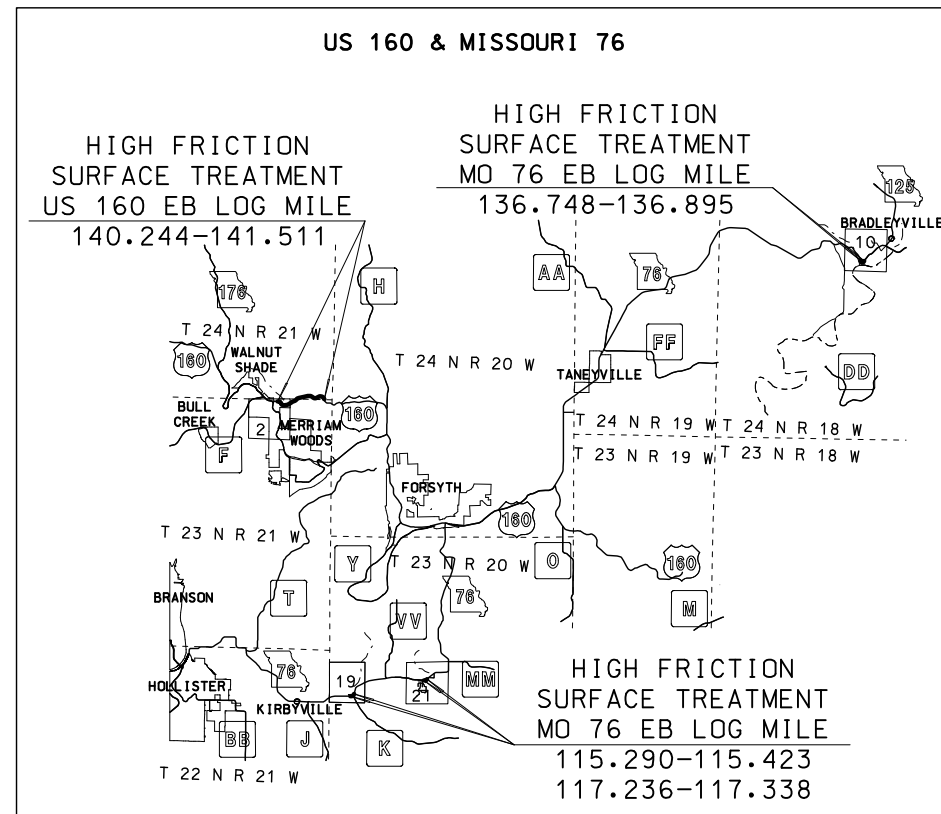


NO NEW RIGHT OF WAY REQUIRED

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES


KEY MAP
SHOWING LOCATION
OF NEWTON, WEBSTER,
& TANEY COUNTIES



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.

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



STATE OF MISSOURI

JASON D. EVENDEN
NUMBER
PE-2013000559

PROFESSIONAL ENGINEER


THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED	
7/21/2021	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	1
COUNT	
VARIOUS	
JOB NO.	
J7P3389	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]

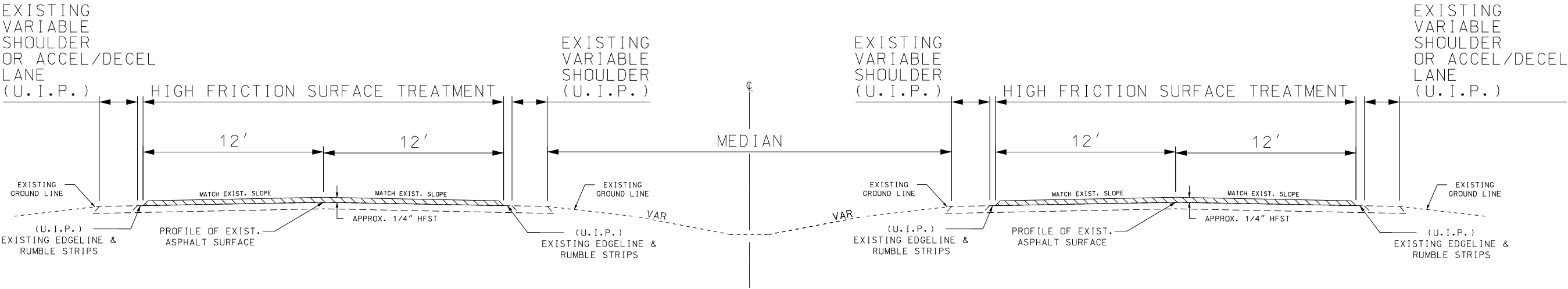
**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

The logo for the Missouri Department of Transportation (MoDOT) features the word "MoDOT" in a bold, sans-serif font. To the right of the text is a stylized graphic of a road or highway curving upwards and to the right, with several curved lines above it suggesting motion or a bridge structure.

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

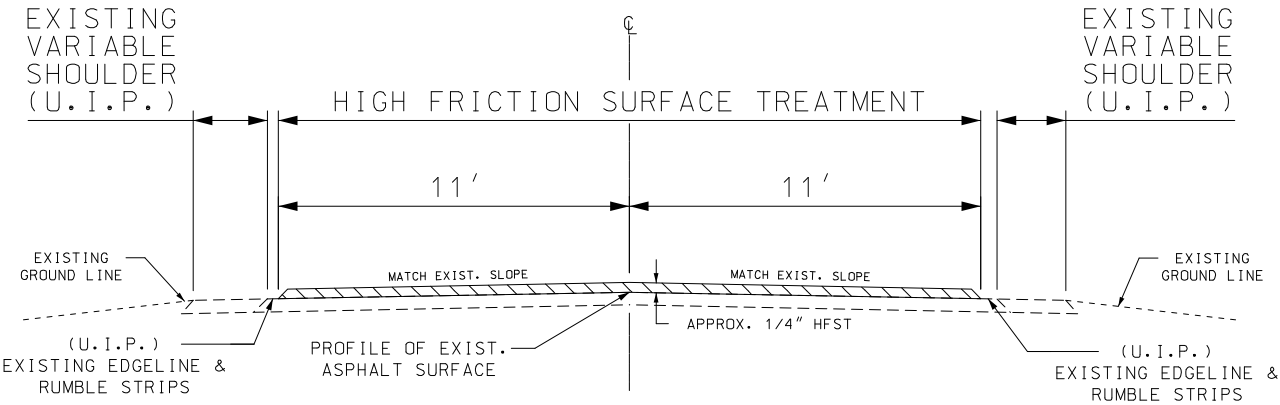
ESTIMATED DISTURBED ACRES	0.0 ACRES
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



INTERSTATE 44 WESTBOUND
LOG MILE 287.327 TO LOG MILE 287.518

INTERSTATE 44 EASTBOUND
LOG MILE 5.641 TO LOG MILE 5.834

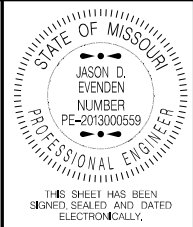


US 160 EASTBOUND
LOG MILE 140.244 TO LOG MILE 140.464
LOG MILE 140.719 TO LOG MILE 140.869
LOG MILE 141.056 TO LOG MILE 141.298
LOG MILE 141.348 TO LOG MILE 141.511

MISSOURI 76 EASTBOUND
LOG MILE 115.290 TO LOG MILE 115.423
LOG MILE 117.236 TO LOG MILE 117.338
LOG MILE 136.748 TO LOG MILE 136.895

NOTE:
DO NOT DISTURB EXISTING EDGE LINE PAVEMENT MARKING.
DO NOT DISTURB EXISTING CENTER LANE PAVEMENT MARKING IN AREAS WITH TURN LANES OR TURN LANE TAPERS.
HIGH FRICTION SURFACE TREATMENT SHALL BE PLACED BETWEEN EDGE LINE PAVEMENT MARKINGS.

NOT TO SCALE
TYPICAL SECTIONS
SHEET 1 OF 2



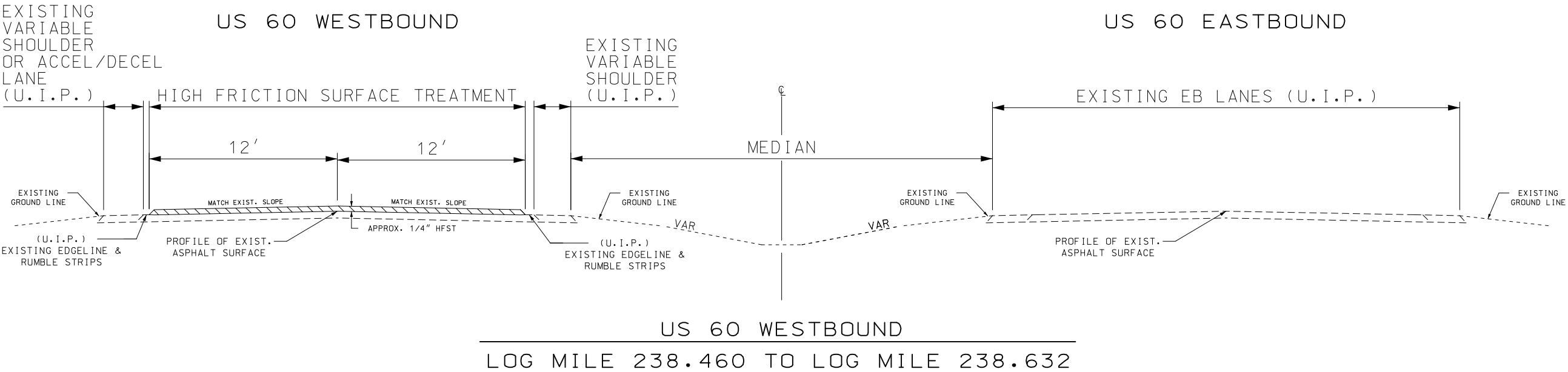
DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J7P3389	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

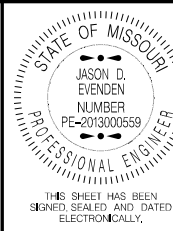
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



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DO NOT DISTURB EXISTING CENTER LANE PAVEMENT MARKING IN
AREAS WITH TURN LANES OR TURN LANE TAPERS.
HIGH FRICTION SURFACE TREATMENT SHALL BE PLACED BETWEEN
EDGE LINE PAVEMENT MARKINGS.

NOT TO SCALE
TYPICAL SECTIONS
SHEET 2 OF 2



DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY VARIOUS	
JOB NO. J7P3389	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

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

HIGH FRICTION PAVEMENT – BAUXITE					
ROUTE	LOG MILE	LOG MILE	LOCATION	PAV'T	REMARKS
				SY	
I-44 EB & WB					
I-44 WB	287.327	287.518	2 LANES	2689.3	BOTH WB LANES
I-44 EB	5.641	5.834	2 LANES	2717.4	BOTH EB LANES
US 160 EB					
US 160 EB	140.244	140.464	2 LANES	2839.5	EB & WB LANES
US 160 EB	140.719	140.869	2 LANES	1936.0	EB & WB LANES
US 160 EB	141.056	141.298	2 LANES	3123.4	EB & WB LANES
US 160 EB	141.348	141.511	2 LANES	2103.8	EB & WB LANES
MO 76 EB					
MO 76 EB	115.290	115.423	2 LANES	1716.6	EB & WB LANES
MO 76 EB	117.236	117.338	2 LANES	1316.5	EB & WB LANES
MO 76 EB	136.748	136.895	2 LANES	1897.3	EB & WB LANES
US 60 WB					
US 60 WB	238.460	238.632	2 LANES	2421.8	BOTH WB LANES
TOTAL				22761	

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS				
ROUTE	LOG MILE	LOG MILE	6 IN. WHITE	REMARKS
			LF	
I-44 EB & WB				
I-44 WB	287.327	287.518	252.1	INTERMITTENT BETWEEN LANES
I-44 EB	5.641	5.834	254.8	INTERMITTENT BETWEEN LANES
US 60 WB				
US 60 WB	238.46	238.632	227.0	INTERMITTENT BETWEEN LANES
TOTAL			734	

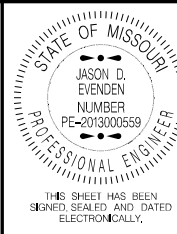
CONTRACTOR FURNISHED SURVEYING AND STAKING
1 LUMP SUM

STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS				
ROUTE	LOG MILE	LOG MILE	4 IN. YELLOW	REMARKS
			LF	
US 160 EB				
US 160 EB	140.244	140.464	2323.2	DOUBLE SOLID YELLOW
US 160 EB	140.719	140.869	1584.0	DOUBLE SOLID YELLOW
US 160 EB	141.056	141.298	2555.5	DOUBLE SOLID YELLOW
US 160 EB	141.348	141.511	1721.3	DOUBLE SOLID YELLOW
MO 76 EB				
MO 76 EB	115.29	115.423	1404.5	DOUBLE SOLID YELLOW
MO 76 EB	117.236	117.338	1077.1	DOUBLE SOLID YELLOW
MO 76 EB	136.748	136.895	1552.3	DOUBLE SOLID YELLOW
TOTAL			12218	

PAVEMENT MARKING REMOVAL					
ROUTE	LOG MILE	LOG MILE	LOCATION	PAINT	REMARKS
				LF	
I-44 EB & WB					
I-44 WB	287.327	287.518	BETW LANES	252.1	INTERMITTENT BETWEEN LANES
I-44 EB	5.641	5.834	BETW LANES	254.8	INTERMITTENT BETWEEN LANES
US 160 EB					
US 160 EB	140.244	140.464	BETW LANES	2323.2	DOUBLE SOLID YELLOW
US 160 EB	140.719	140.869	BETW LANES	1584.0	DOUBLE SOLID YELLOW
US 160 EB	141.056	141.298	BETW LANES	2555.5	DOUBLE SOLID YELLOW
US 160 EB	141.348	141.511	BETW LANES	1721.3	DOUBLE SOLID YELLOW
MO 76 EB					
MO 76 EB	115.29	115.423	BETW LANES	1404.48	DOUBLE SOLID YELLOW
MO 76 EB	117.236	117.338	BETW LANES	1077.12	DOUBLE SOLID YELLOW
MO 76 EB	136.748	136.895	BETW LANES	1552.32	DOUBLE SOLID YELLOW
US 60 WB					
US 60 WB	238.46	238.632	BETW LANES	227.0	INTERMITTENT BETWEEN LANES
TOTALS				12952	

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 2



DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3

COUNTY VARIOUS
JOB NO. J7P3389
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE						

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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

ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3

PROJECT NO.

BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

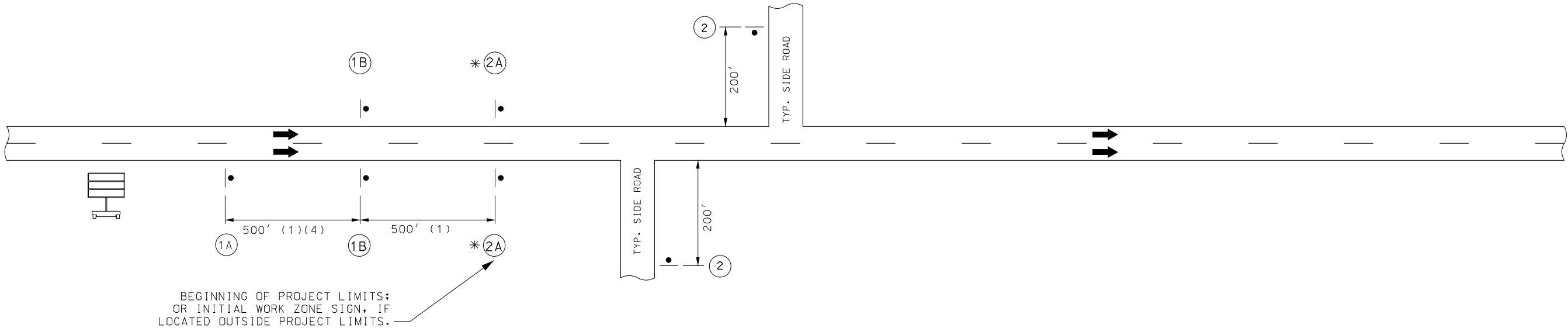
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT / 1-888-276-6536

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SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	DESCRIPTION
WARNING SIGNS									GUIDE SIGNS									DESCRIPTION		
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)	G020-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)	G020-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)	G020-4	36X18	4.50	1	4.50				PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)	G020-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)	G020-4a	18X12	1.50	6	9.00				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	G020-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	M04-8a	24X18	3.00						END DETOUR	6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	M04-9L	48X36	12.00						DETOUR (LEFT ARROW)	6161008	4	ADVANCED WARNING RAIL SYSTEM
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	M04-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	M04-10L	48X18	6.00						DETOUR (ARROW LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	M04-10R	48X18	6.00						DETOUR (ARROW RIGHT)	6161025	200	CHANNELIZER (TRIM LINE)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS								6161030		TYPE III MOVEABLE BARRICADE	
W01-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161033	14	DIRECTION INDICATOR BARRICADE
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161040	1	FLASHING ARROW PANEL
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161051		WARNING LIGHT, TYPE A
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	8	96.00				SPEED LIMIT 70,65,60,55,45,35	6161052		WARNING LIGHT, TYPE B
W03-4	48X48	16.00	1	16.00				BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161055	14	SEQUENTIAL FLASHING WARNING LIGHT
W03-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161070		TUBULAR MARKER
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161095		RADAR SPEED ADVISORY SYSTEM
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
W04-1aL	48X48	16.00	1	16.00				MERGE (ARROW SYMBOL)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W04-1aR	48X48	16.00	1	16.00				MERGE (ARROW SYMBOL)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
W05-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6162002	4	TEMPORARY LONG-TERM RUMBLE STRIPS
W05-5	48X48	16.00						NARROW LANES	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6162004	4	TEMPORARY SHORT-TERM RUMBLE STRIPS
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
W08-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
W08-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
W08-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6208064A		TEMPORARY RAISED PAVEMENT MARKER
W08-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	9029400		TEMPORARY TRAFFIC SIGNALS
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE			
W08-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)			
W08-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED			
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY			
W08-9	48X48	16.00						LOW SHOULDER	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC			
W08-11	48X48	16.00						UNEVEN LANES	CONST-3A	60X48	20.00						FINE SIGN			
W08-12	48X48	16.00	9	144.00				NO CENTER LINE	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)			
W08-15	48X48	16.00						GROOVED PAVEMENT	MISCELLANEOUS SIGNS											
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-5	48X36	12.00						POINT OF PRESENCE			
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)	CONST-5	96X48	32.00						POINT OF PRESENCE			
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-7	48X24	8.00						RATE OUR WORK ZONE			
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-7	72X36	18.00	2	36.00				RATE OUR WORK ZONE			
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00	4	48.00				WORK ZONE NO PHONE ZONE			
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)												
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)												
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)												
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD												
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD												
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)												
W016-2	30X24	5.00						XXX FEET (PLAQUE)												
W016-3	30X24	5.00						X MILE (PLAQUE)												
W020-1	48X48	16.00	11	176.00				ROAD/BRIDGE/RAMP WORK AHEAD												
W020-2	48X48	16.00						DETOUR AHEAD												
W020-3	48X48	16.00						ROAD CLOSED AHEAD												
W020-4	48X48	16.00	3	48.00				ONE LANE ROAD AHEAD												
W020-5	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD												
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD												
W020-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED												
W020-7a	48X48	16.00	3	48.00				FLAGGER (SYMBOL, WITH FLAGS)												
W021-2	36X36	9.00						FRESH OIL												
W021-5	48X48	16.00						SHOULDER WORK AHEAD												
W022-1	48X48	16.00						BLASTING ZONE AHEAD												
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE												
W022-3	42X36	10.50						END BLASTING ZONE												
G022-1	21X15	2.19						WET PAINT (ARROW PIVOTS)												
									616-10.05			TOTAL								
									CONSTRUCTION SIGNS			735								
									616-10.10					TOTAL						
									RELOCATED SIGNS					0						
SUMMARY OF QUANTITIES																				

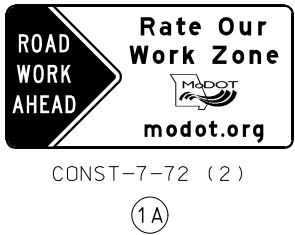
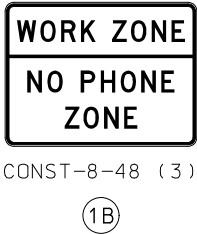
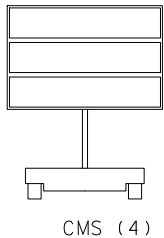
- GENERAL NOTES:
1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
 2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
 3. SIGNING SHOWN SHALL REMAIN IN PLACE 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, EXCEPT "RATE OUR WORK ZONES" 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. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
 15. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

REVISED: 3-1-2021



TYPICAL BEGINNING AND END OF PROJECT
(DIVIDED HIGHWAY)

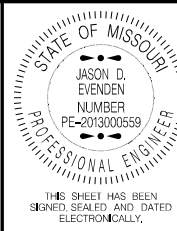
- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN OR WORK ZONE NO PONE ZONE SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (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.



* SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 8




DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 4
COUNTY VARIOUS	
JOB NO. J7P3389	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



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



STATE OF MISSOURI

JASON D. EVENDEN

NUMBER

PE-2013000559

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY,


ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 5

JOB NO.
J7P3389

PROJECT NO.

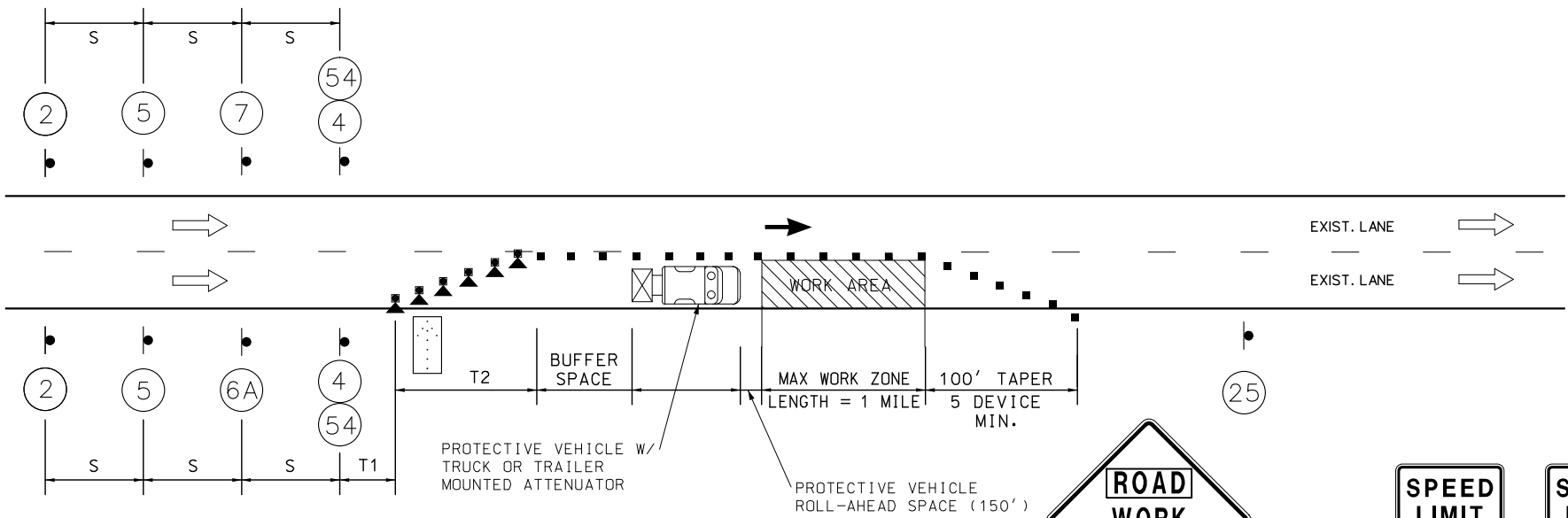
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL
SHEET 2 OF 8

INSIDE OR OUTSIDE LANE CLOSURE



NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

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

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

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.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" AND "POINT OF PRESENCE", 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. (SEE JSP'S)

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER LANE OR DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

ADVANCE WARNING SIGN MINIMUM SPACING		
SPEED LIMIT ¹ , MPH	SIGN SPACING ² , FT (S)	
	UNDIVIDED HIGHWAY	DIVIDED HIGHWAY
0-35	200 ³	200 ³
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

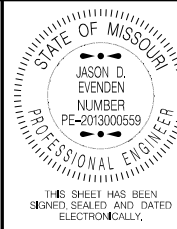
TAPER LENGTH AND SPACING					
SPEED LIMIT ¹ , MPH	TAPER LENGTH ² , FT		CHANNELIZING SPACING ³ , FT		BUFFER LENGTH, FT
	SHOULDER ⁴ (T1)	LANE ⁵ (T2)	TAPERS	BUFFER/WORK AREA	
0-35	70	245	35 ⁶	40 ⁶	280
40-45	150	540	40 ⁶	80 ⁶	400
50-55	185	660	50 ⁷	80 ⁷	560
60-70	235	840	60 ⁷	120 ⁷	840

¹POSTED SPEED LIMIT.
²SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.
³FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IS 100 FT.

¹POSTED SPEED LIMIT.
²TAPER LENGTHS MAY BE ADJUSTED.
³SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.
⁴BASED ON 10 FT SHOULDER WIDTH.
⁵BASED ON 12 FT LANE WIDTH.
⁶SPACING REDUCED TO 1/2 AT INTERSECTIONS.
⁷SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CHANNELIZER (TRIM-LINE)
- FLASHING ARROW PANEL
- OPTIONAL - ATTENUATOR TRUCK WITH FLASHING ARROW PANEL IN CAUTION MODE W/ 150' ROLL AHEAD SPACE
- ▲ DIRECTIONAL BARRICADE
- E TYPE 3 MOVEABLE BARRICADE



DATE PREPARED 7/28/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY VARIOUS	
JOB NO. J7P3389	
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)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 8

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



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

SIDE ROADS ENTERING WORK ZONES

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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS

△ - FLAGGER

PILOT CAR
IN USE
WAIT & FOLLOW

G020-4a

58

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

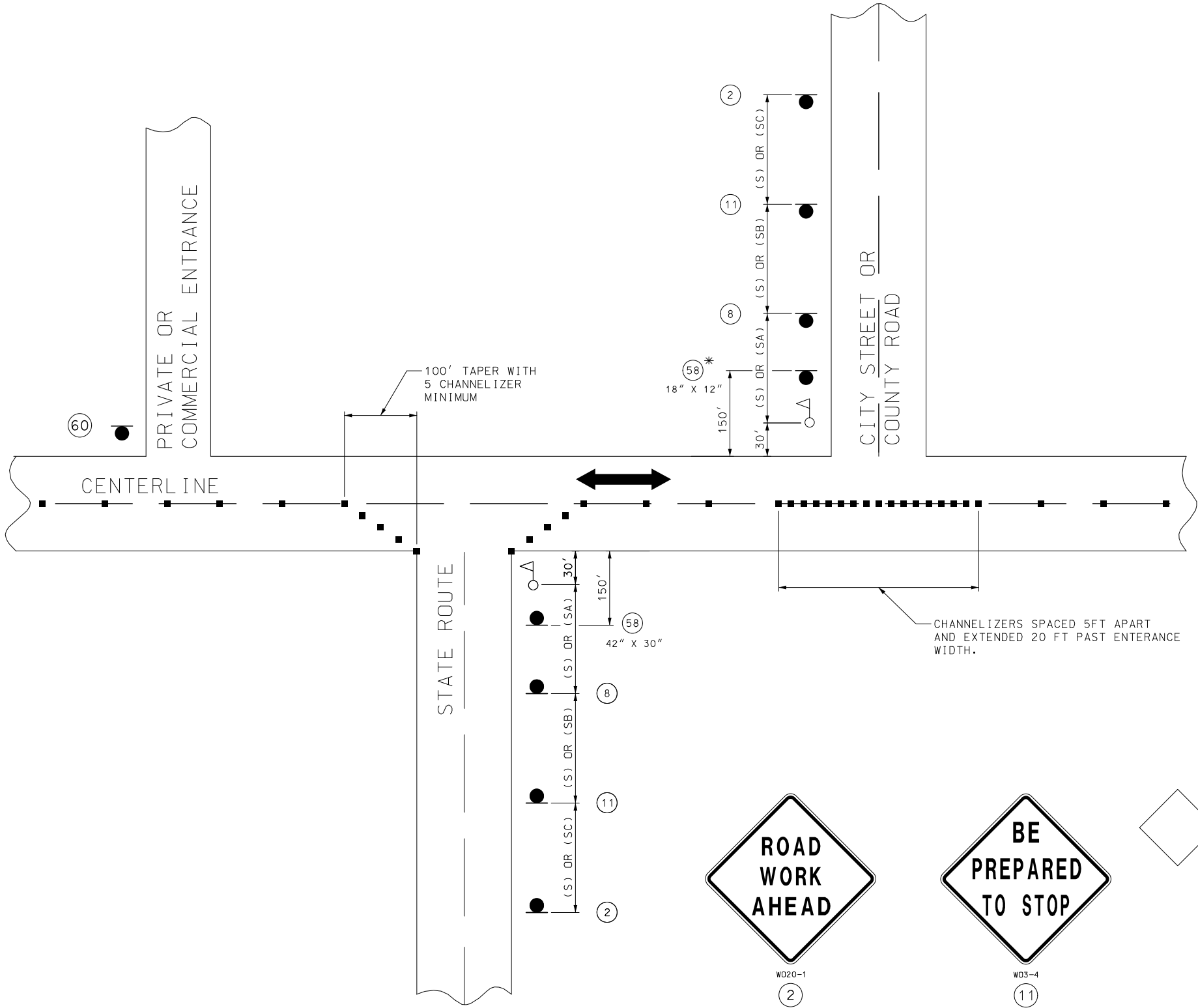
* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

PILOT CAR
IN USE
WAIT & FOLLOW

SPECIAL

60

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



NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 8

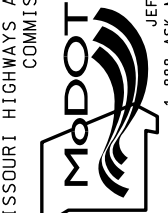


DATE PREPARED 7/28/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 8
COUNTY VARIOUS	
JOB NO. J7P3389	
CONTRACT ID.	

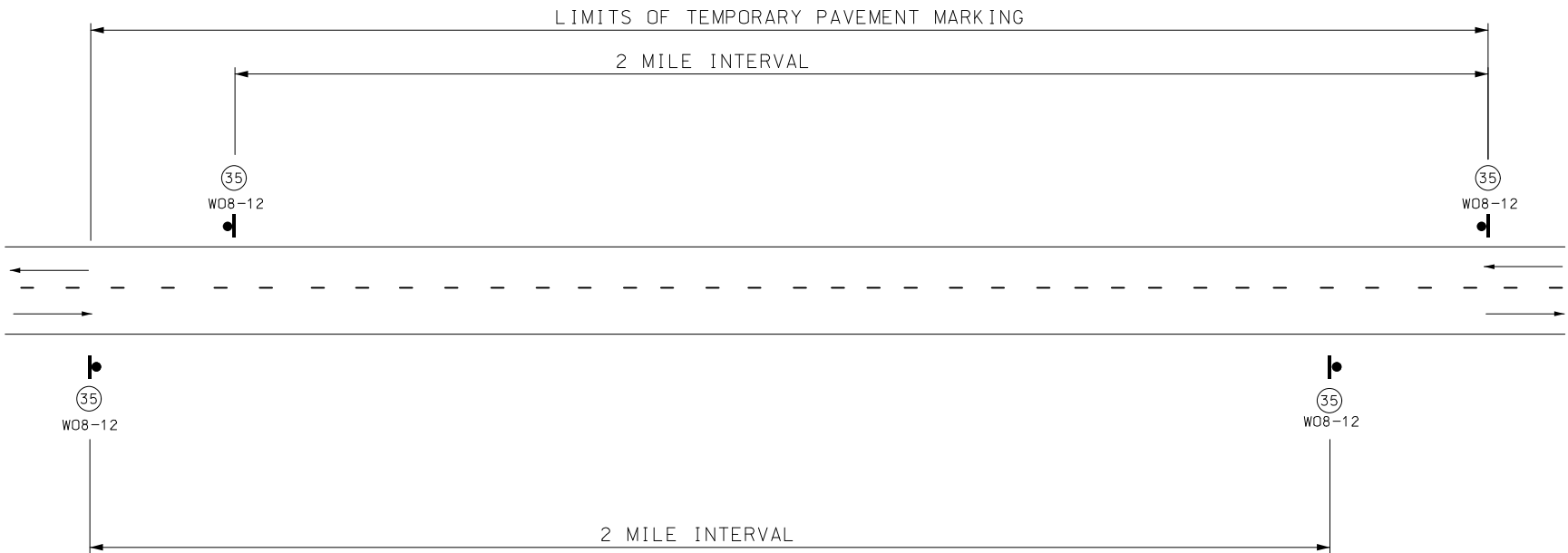
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

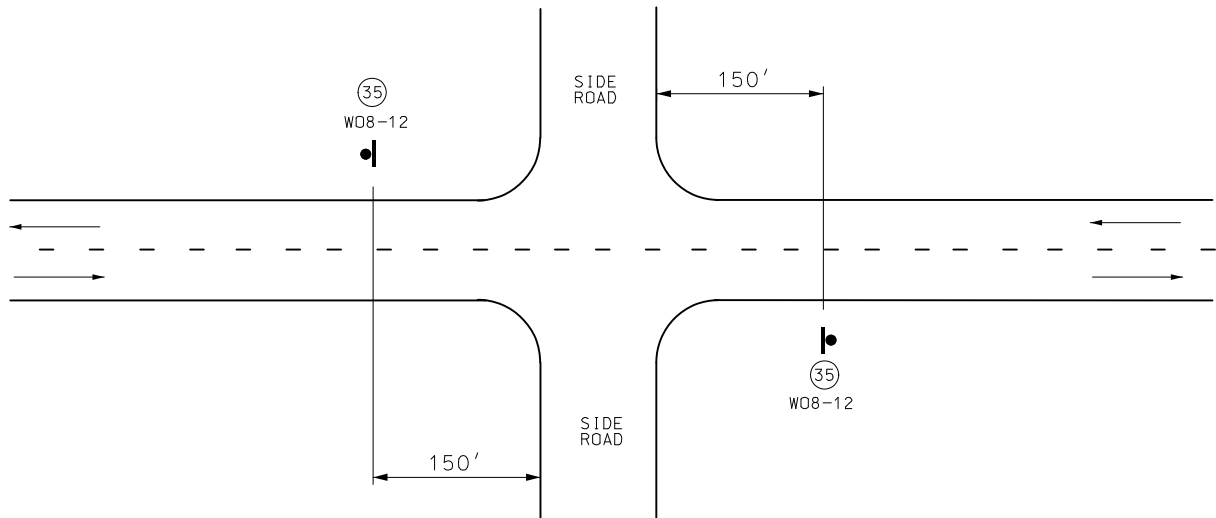
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIGN SPACING FOR MAINLINE



SIGN SPACING AT SIDE ROAD INTERSECTIONS



GENERAL NOTES:

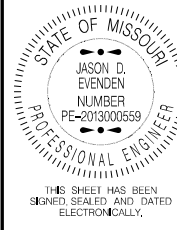
FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

NOT TO SCALE



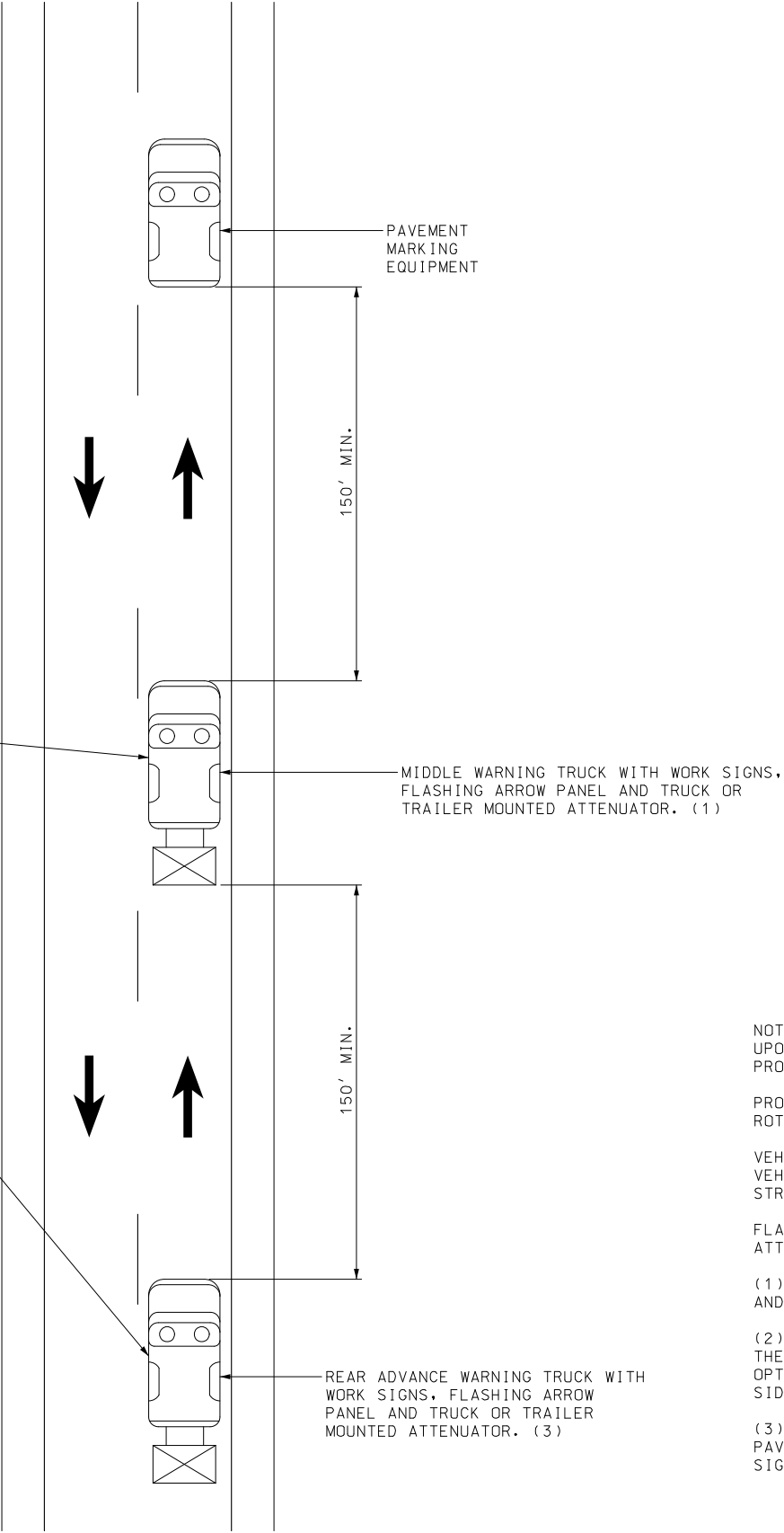
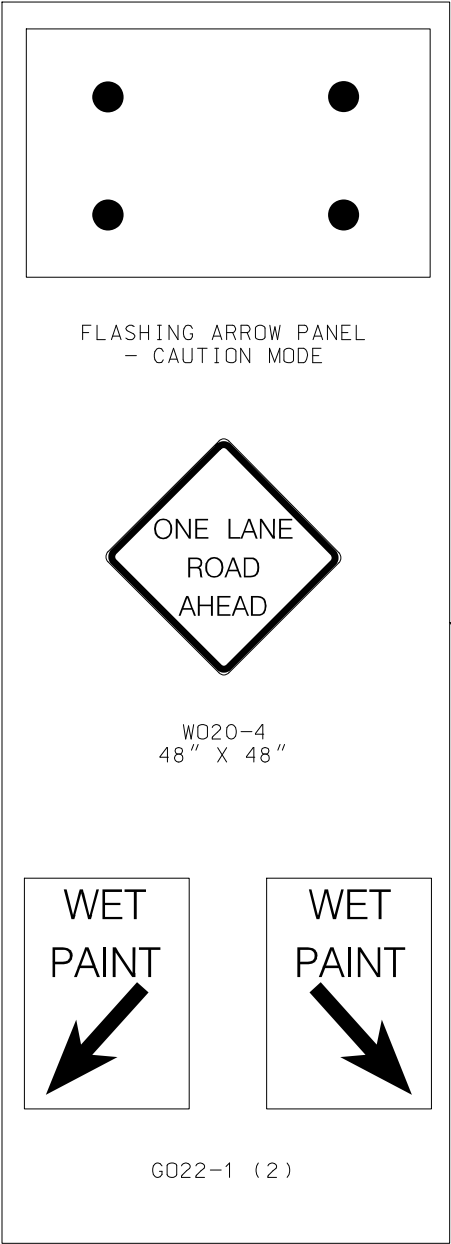
DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY VARIOUS	
JOB NO. J7P3389	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



NOTES:

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

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

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

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

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

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

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

CENTERLINE/EDGE LINE STRIPING ON TWO-LANE HIGHWAYS

NOT TO SCALE



DATE PREPARED 7/21/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY VARIOUS	
JOB NO. J7P3389	
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)

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

DESIGN DESIGNATION

A.A.D.T. - 2020 = 11,546
T = 7%
V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION-PRINCIPAL ARTERIAL

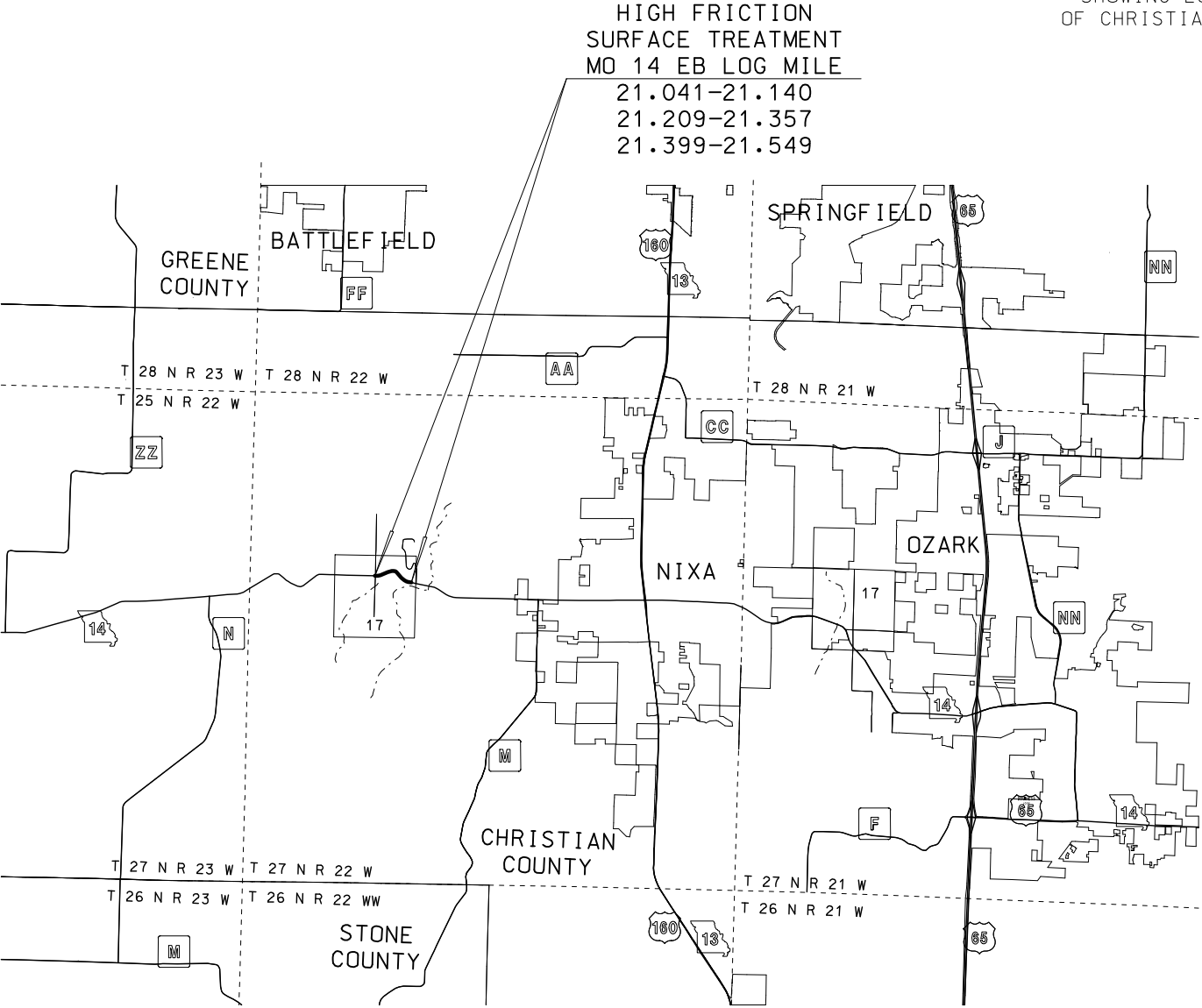
NO NEW RIGHT OF WAY REQUIRED

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		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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



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) (1 SHEETS)---	2
QUANTITIES (QU) (2 SHEETS)-----	3
TRAFFIC CONTROL SHEETS (TC)-----	4-8



DATE PREPARED	7/26/2021
ROUTE	14
STATE	MO
DISTRICT	SW
SHEET NO.	1
COUNTY	CHRISTIAN
JOB NO.	J8P3206
CONTRACT ID.	

PROJECT NO.	
BRIDGE NO.	

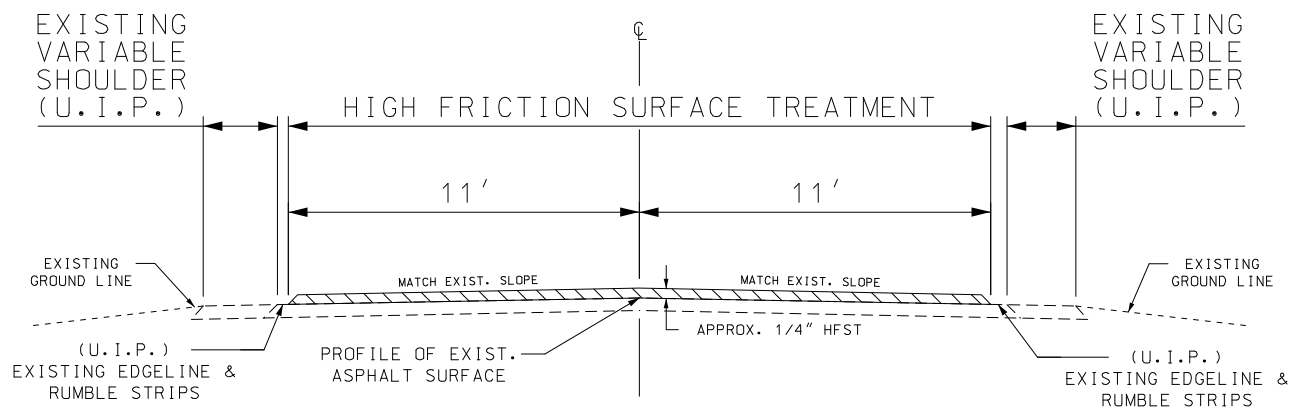
DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	EB LOG MILE 21.041
END OF PROJECT	EB LOG MILE 21.549
APPARENT LENGTH	2682.24 FEET
EQUATIONS AND EXCEPTIONS:	
AREA WITH NO HIGH FRICTION SURFACE TREATMENT	586.08 FEET
TOTAL CORRECTIONS	586.08 FEET
NET LENGTH OF PROJECT	2096.16 FEET
STATE LENGTH	0.397 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

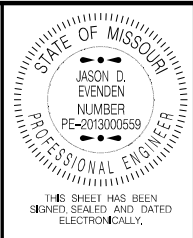


MISSOURI 14 EASTBOUND

LOG MILE 21.041 TO LOG MILE 21.140
LOG MILE 21.209 TO LOG MILE 21.357
LOG MILE 21.399 TO LOG MILE 21.549

NOTE:
DO NOT DISTURB EXISTING EDGE LINE PAVEMENT MARKING.
DO NOT DISTURB EXISTING CENTER LANE PAVEMENT MARKING IN
AREAS WITH TURN LANES OR TURN LANE TAPERS.
HIGH FRICTION SURFACE TREATMENT SHALL BE PLACED BETWEEN
EDGE LINE PAVEMENT MARKINGS.


NOT TO SCALE
TYPICAL SECTIONS
SHEET 1 OF 1



DATE PREPARED 7/26/2021	
ROUTE 14	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY CHRISTIAN	
JOB NO. J8P3206	
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)

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

HIGH FRICTION PAVEMENT – BAUXITE					
ROUTE	LOG MILE	LOG MILE	LOCATION	PAV'T	REMARKS
				SY	
MO 14 EB					
MO 14 EB	21.041	21.140	2 LANES	1277.8	EB & WB LANES
MO 14 EB	21.209	21.357	2 LANES	1910.2	EB & WB LANES
MO 14 EB	21.399	21.549	2 LANES	1936.0	EB & WB LANES
TOTAL				5124	

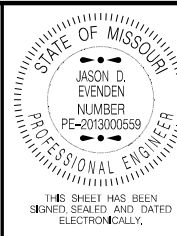
STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS				
ROUTE	LOG MILE	LOG MILE	4 IN. YELLOW	REMARKS
			LF	
MO 14 EB				
MO 14 EB	21.041	21.14	1045.4	DOUBLE SOLID YELLOW
MO 14 EB	21.209	21.357	1562.9	DOUBLE SOLID YELLOW
MO 14 EB	21.399	21.549	1584.0	DOUBLE SOLID YELLOW
TOTAL			4193	

PAVEMENT MARKING REMOVAL					
ROUTE	LOG MILE	LOG MILE	LOCATION	PAINT	REMARKS
				LF	
MO 14 EB					
MO 14 EB	21.041	21.140	BETW LANES	1045.4	DOUBLE SOLID YELLOW
MO 14 EB	21.209	21.357	BETW LANES	1562.9	DOUBLE SOLID YELLOW
MO 14 EB	21.399	21.549	BETW LANES	1584.0	DOUBLE SOLID YELLOW
TOTALS				4193	

CONTRACTOR FURNISHED SURVEING AND STAKING
TOTAL = 1 LUMP SUM

MOBILIZATION
TOTAL = 1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 2



DATE PREPARED 7/26/2021	
ROUTE 14	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY CHRISTIAN	
JOB NO. J8P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

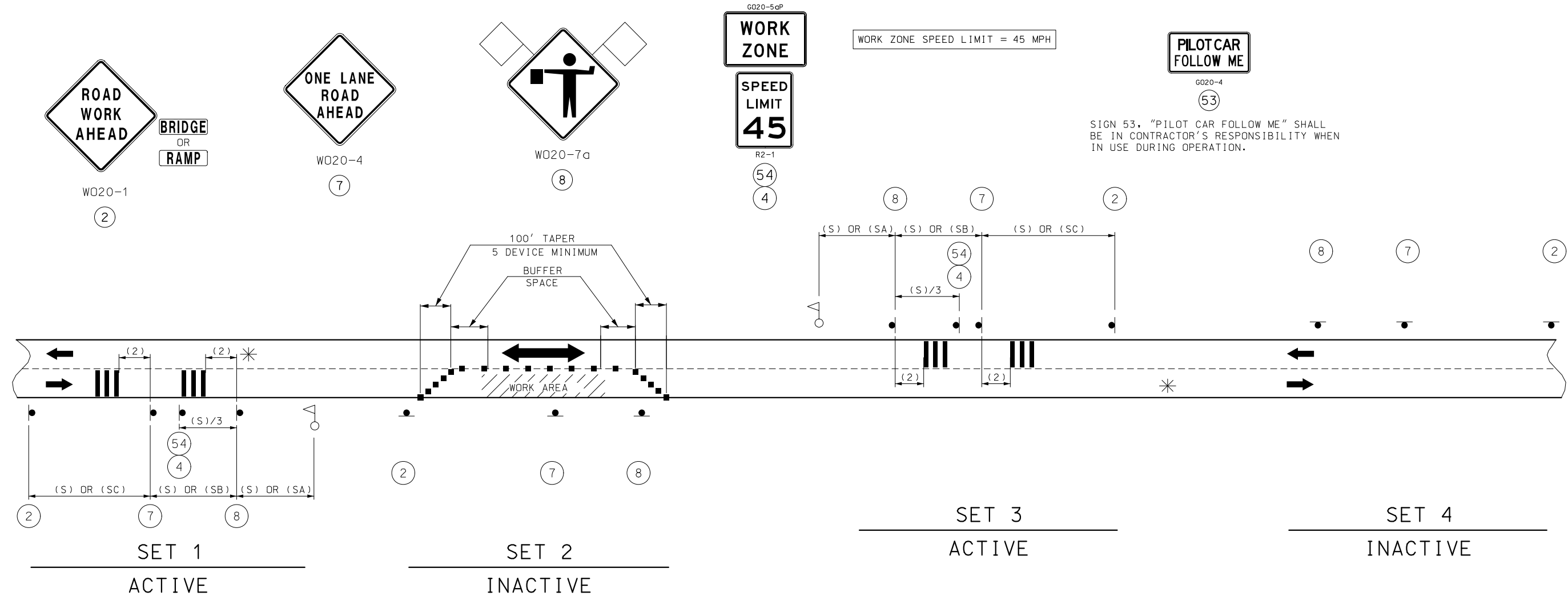
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC.

WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- - CHANNELIZERS
- ◁ - FLAGGER
- ||| - TEMPORARY SHORT TERM RUMBLE STRIPS

NOTES:

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

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		OPTION BUFFER LENGTH (FT)	TAPER LENGTH, FT	
	PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS		SHOULDER	LANE
0-35		200	200	35	280	70	245
40-45		350	500	40	400	150	540
50-55		500	1000	50	560	185	660
60-70		1000	SA-1000 SB-1500 SC-2640	60	840	235	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

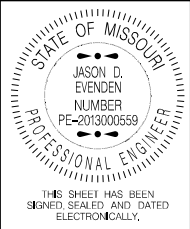
SHORT-TERM RUMBLE STRIPS		
PERMANENT POSTED (MPH)	DISTANCE (FT) (2)	SPACING (FT) (3)
0-45 (OPTIONAL)	120	10
50-55	160	20
60-70	200	35

* SECOND SET OF TEMPORARY RUMBLES OPTIONAL.

MOVING FLAGGER OPERATION WITH TEMPORARY SHORT-TERM RUMBLE STRIPS (UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 5



DATE PREPARED 7/28/2021	
ROUTE 14	STATE MO
DISTRICT SW	SHEET NO. 5
COUNTY CHRISTIAN	
JOB NO. J8P3206	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SIDE ROADS ENTERING WORK ZONES

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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS

△ - FLAGGER



G020-4a
58

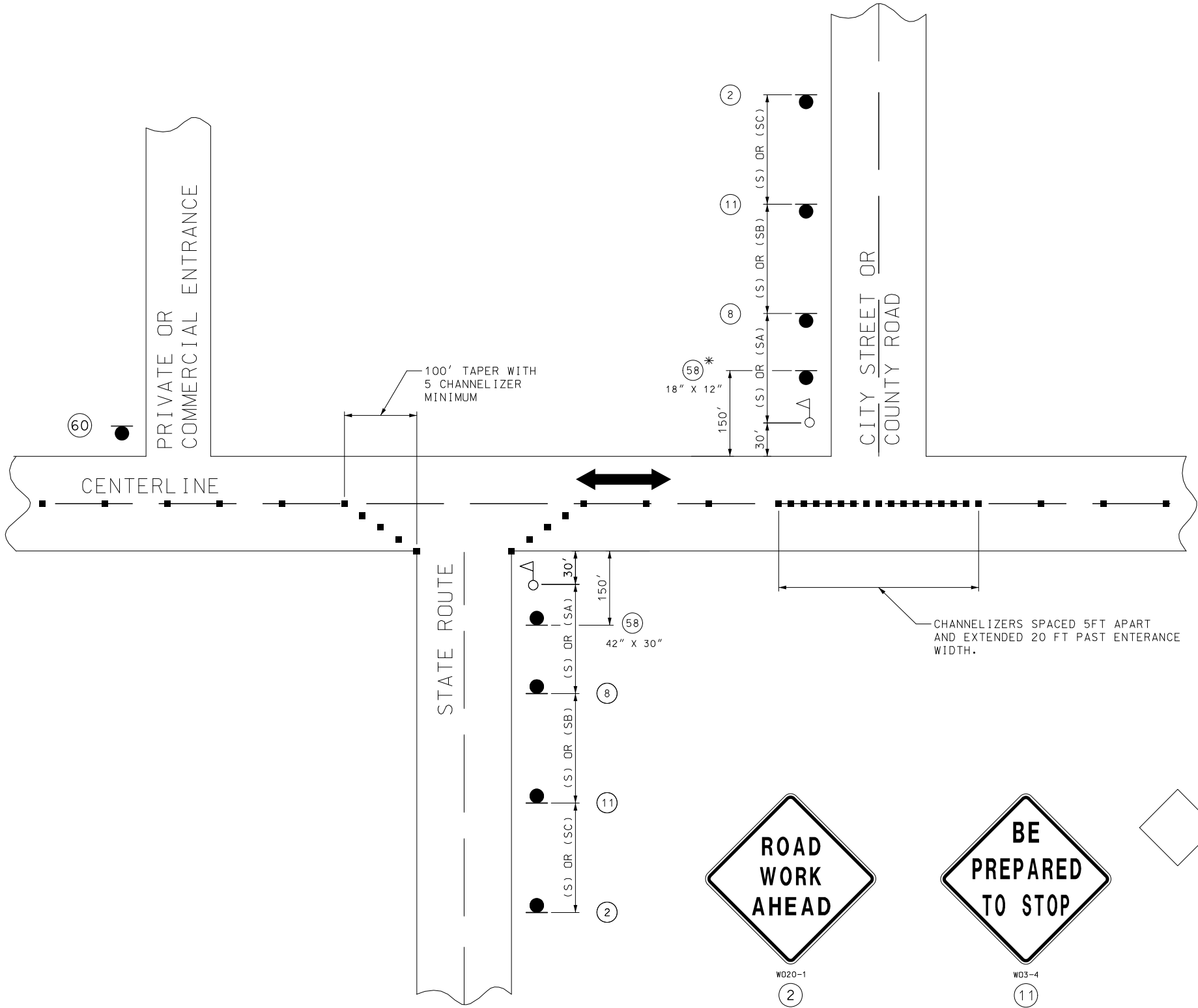
SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

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



SPECIAL
60

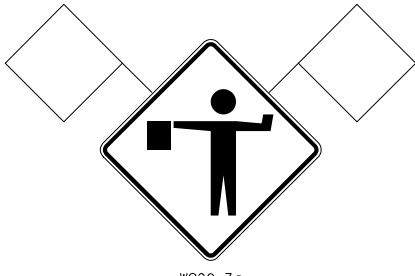
SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



W020-1
2



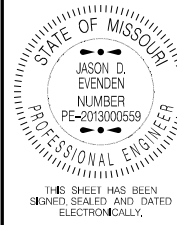
W03-4
11



W020-7a
8

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 5



DATE PREPARED 7/28/2021	
ROUTE 14	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY CHRISTIAN	
JOB NO. J8P3206	
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)

MoDOT

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

ROUTE 14	STATE MO
DISTRICT SW	SHEET NO. 7

JOB NO.
J8P3206

PROJECT NO.
BRIDGE NO.

BRIDGE NO.						

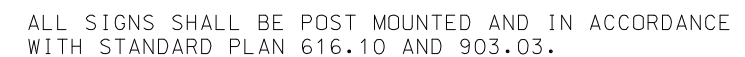
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

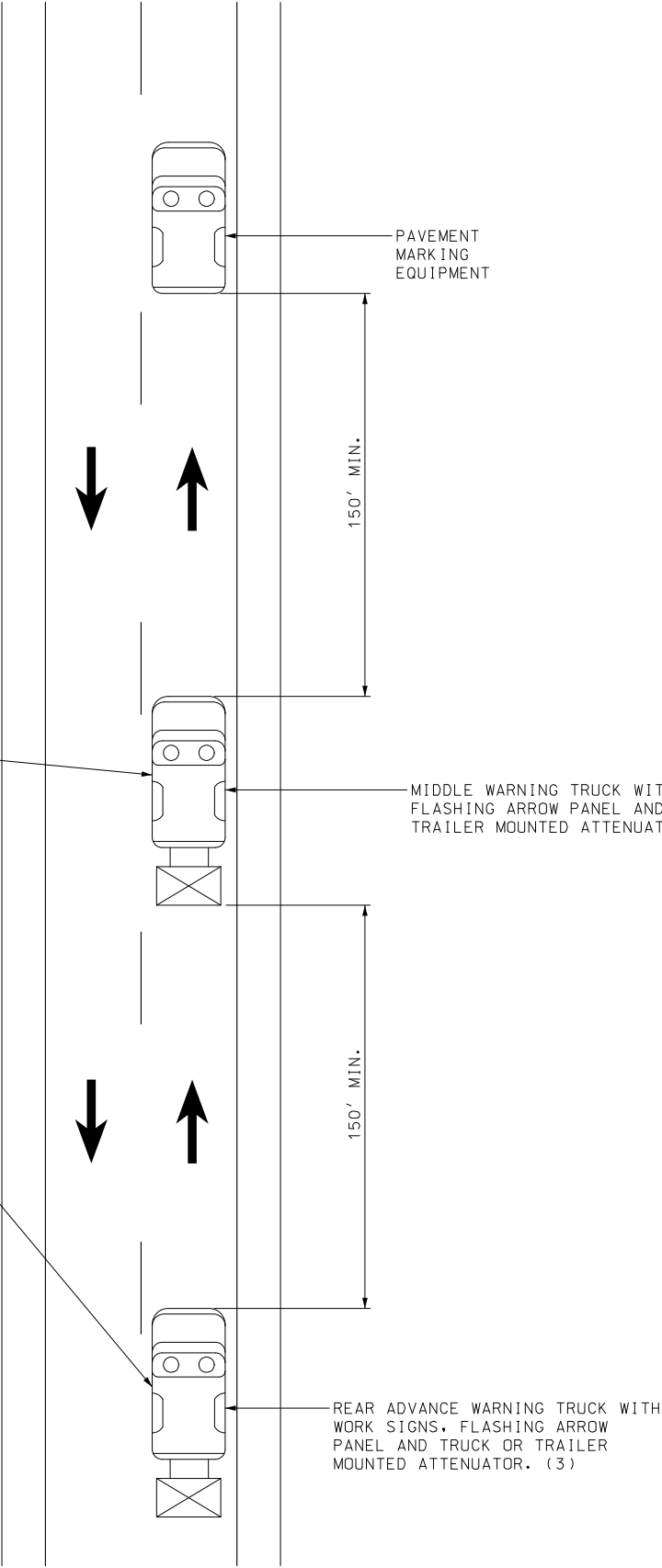
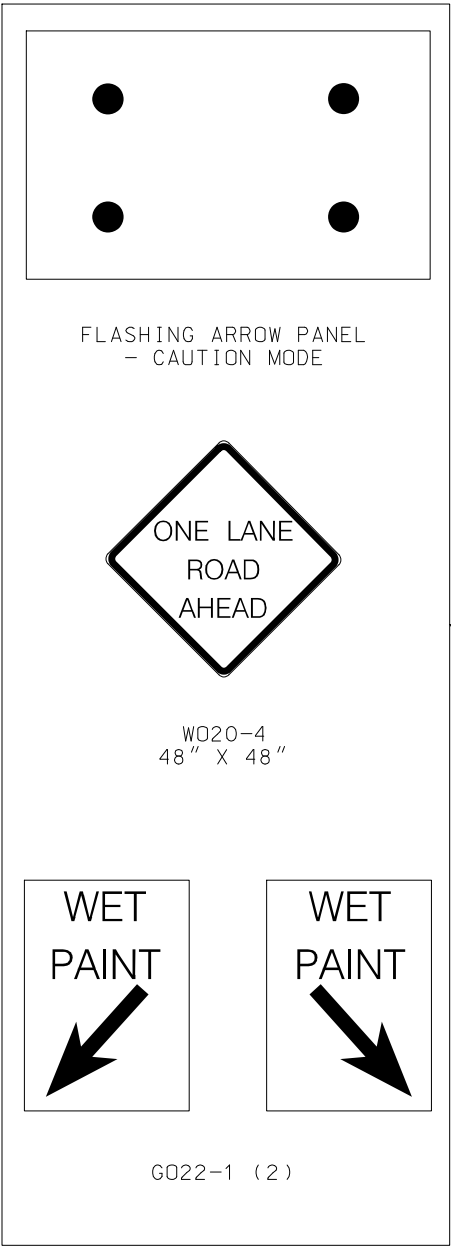
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

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TRAFFIC CONTROL
SHEET 4 OF 5



NOTES:

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

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

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

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

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

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

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

CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

NOT TO SCALE

STATE OF MISSOURI

JASON D. EVENDEN

NUMBER

PE-2013000659

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN

SIGNED, SEALED AND DATED

ELECTRONICALLY.

DATE PREPARED

7/26/2021

ROUTE

14

STATE

MO

DISTRICT

SW

SHEET NO.

8

COUNTY

CHRISTIAN

JOB NO.

J8P3206

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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