DESIGN DESIGNATION

A.A.D.T. CONST - 2025 = 14502 A.A.D.T. DESIGN - 2045 = 16024 DVH (N/S) 50.1%/49.9% T = 10.55% V = 35 M.P.H.

> FUNCTIONAL CLASSIFICATION-OTHER PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS

	EXISTING NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000 0000 0000 0000 0000 0000
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	-FOFO
MANHOLE	HYD HYD
FIRE HYDRANT	W.
WATER VALVE	₩44
WATER METER	<u>.</u>
DROP INLET	
DITCH BLOCK	-
GROUND MOUNTED SIGN	SIGN
LIGHT POLE	
H-FRAME POWER POLE	
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED △
BENCHMARK	™ ⊗

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

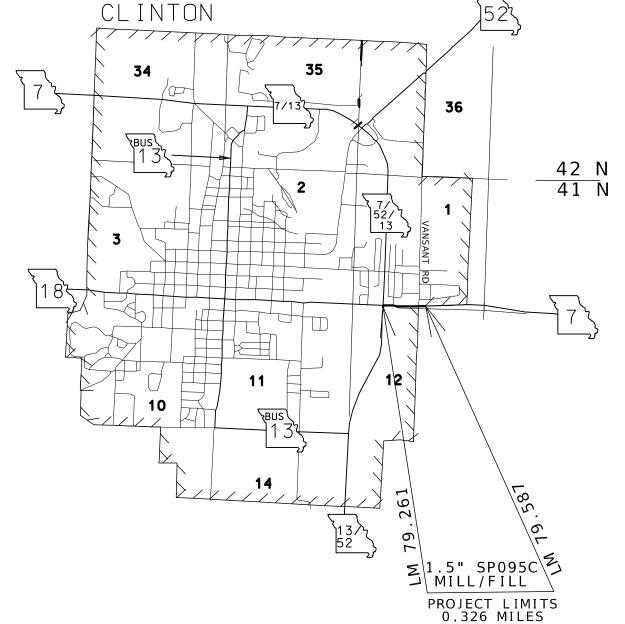
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY





26



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) (4 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-12

NUM PE-201 07/15/2024 SHANNON MO-PE-20	BER 1015763 AL ENGLISH 111111111111111111111111111111111111							
	/2024							
ROUTE	STATE							
7	MO							
DISTRICT	SHEET NO.							
SW	1							
	1 NTY							
COU	-							
cou	NTY							
COU HEN JOB J SR	NTY NRY NO. 0027							
COU HEN JOB J SR	NTY NRY NO.							
COU HEN JOB J SR CONTRA	NTY NRY NO. 0027							
COU HEIN JOB JSR CONTRA	NTY NRY NO. 0027							

LENGTH OF PROJECT

LOG MILES FROM 2022 ARAN

BEGINNING OF PROJECT LM. 79.261
END OF PROJECT LM. 79.587

APPARENT LENGTH 1721.28 FEET

EQUATIONS AND EXCEPTIONS:



TOTAL CORRECTIONS 0.000 FEET

NET LENGTH OF PROJECT 1721.28 FEET

STATE LENGTH 0.326 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 1/4/2024

0.10 GAL/SY

ASPHALT FACTORS

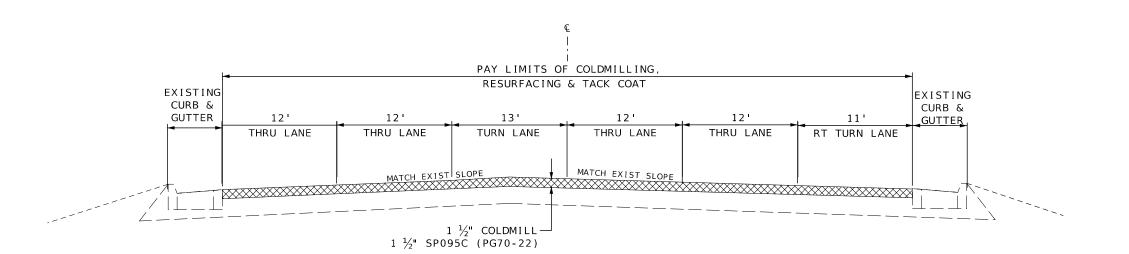
COMBINED FACTOR

SP095C (PG70-22) 1.970 TONS/CY

TACK COAT

MILLING

IRREGULARITIES: 75 TONS/MI



ROUTE 7

LOG MILE 79.261 TO LOG MILE 79.521

SHANNON M.

KELINER
NUMBER
NUMBER
PF-20101076783

SELINER
NUMBER
PF-2010107678

SOUNTLE
NUMBER
ANNOWN KELINER-CWIL
MOVESSTINISMS
DATE PREFARED
FF-201015785

SW
2

COUNTY
HENRY
JOB NO.
J SR 00 2 7

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATIO
COMMISSION

MADOT

105 WEST CAPITO
JEFFERSON CITY, MO 6510

> NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 1/4/2024

ASPHALT FACTORS COMBINED FACTOR

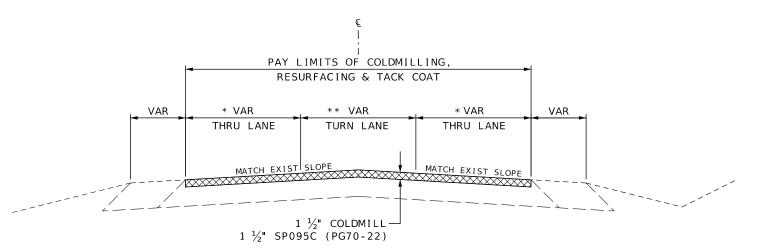
SP095C (PG70-22) 1.970 TONS/CY

TACK COAT

MILLING

0.10 GAL/SY

IRREGULARITIES: 75 TONS/MI



ROUTE 7

LOG MILE 79.521 TO LOG MILE 79.587

* LANE WIDTH FROM

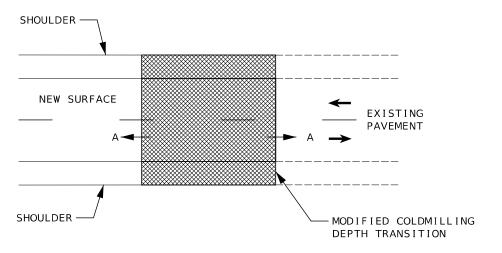
24' TO 12'

** LANE WIDTH FROM

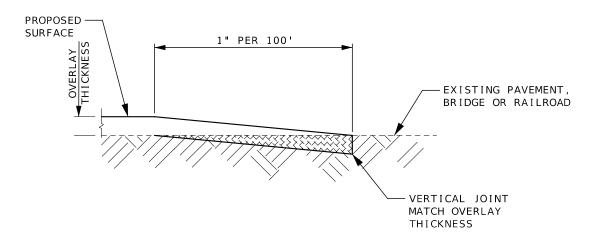
13' TO 0'

SHANNON M. KELLNER NUMBER PE-2011015763 6/20/2024 ROUTE 7 MO SHEET NO SW 2 HENRY JOB NO.
JSR0027
CONTRACT ID. PROJECT NO. BRIDGE NO.

REVISED: 3/7/2023



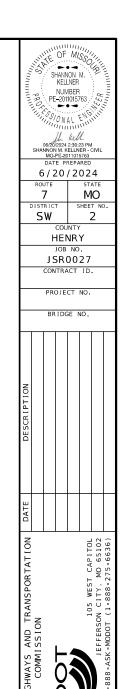
MAINLINE, BRIDGE, AND RAILROAD PLAN



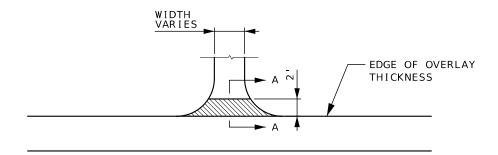
SECTION A-A

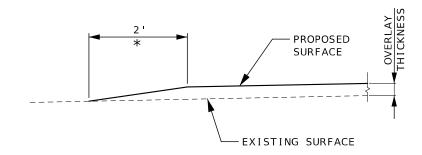
TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



REVISED: 3/7/2023



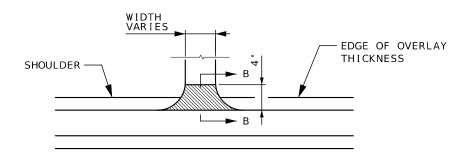


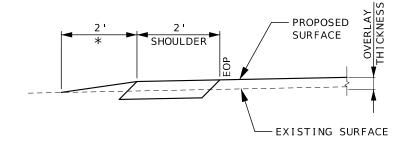
SECTION A-A

TYPICAL ENTRANCE - NO SHOULDER (FIELD, PRIVATE OR COUNTY ROAD) *TAPER AT 1:1 FOR FIELD ENTRANCE

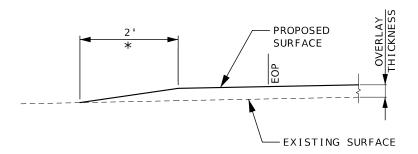
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

TYPICAL ENTRANCE - EXIST/NEW SHOULDER (FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS ACROSS CONCRETE OR ASPHALT ENTRANCES, STREETS OR ROADS.

4 TONS GRAVEL A OR CRUSHED STONE B CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.

					١						
HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION								THITITIAN .	
COMMISSION							IST S	6 ROI	SHA	SPROXILI	,1111
			BR		JS		7 RIC W	JTE	06/20 NNON MO- DAT	PE SI	,,,,,,,, TE
FOOT			IDO	TR <i>A</i>	јов SR(cou 1 E l	Т	20	/2024 I M. K PE-20 E PI	HANN KELI NUN 201	OF
			E I		ои О С		5		2:39: ELLN 01101 REPA	ши	Ш., М/
105 WEST CAPITOL			NO.	ID NO.			HEE	0 2 ST	25 PM IER - 1 5763 IRED	763 ENG	11111 SS
JEFFERSON CITY, MO 65102							O T NO	ATE	I	II WEER IN	
1-888-ASK-MODOT (1-888-275-6636)).			THURING	

	ı	COLE	DMILLI	NG BITU	MINOUS	PAVEMENT	FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)
				AVERAGE	AVERAGE		
	LOG		LOG	LENGTH	WIDTH	AREA	
ROUTE	MILE	ТО	MILE	LF	LF	SY	REMARKS
MO 7 SB	79.261	-	79.521	1372.8	72	10982.4	6 lanes total
MO 7 SB	79.521	-	79.587	348.5	VAR	1526.2	5 lane to 2 lane
					TOTAL	12508.6	
					USE	12509	

						ASPHALT & TACK		
				NET	AVERAGE	SP095C	TACK	
ROUTE	LOG		LOG	LENGTH	WIDTH	1.97	0.10	
LT/RT	MILE	то	MILE	LF	LF	TONS	GAL	REMARKS
MO 7 SB	79.261	-	79.521	1372.8	72.0	901.5	1098.2	6 lanes total
MO 7 SB	79.521	-	79.587	348.5	VAR	125.5	152.9	Transition from 6 lane to 2 lane
MO 7 SB	79.240	-	79.587	1758.0	2.0	32.1		ENTRANCES & SIDEROADS
MO 7 SB	79.240	-	79.587	-	-	3.5		IRREGULARITIES 10 TONS/MILE
	•				TOTAL	1062.6	1251.1	
					USE	1062.6	1251	

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

								PAVEME	NT MARKING				
						WATERBORNE	PAINT, TYPE	L BEADS			THERMOPLASTIC		
					6" SOLID	6" INT	12" INT	4" SOLID	4" INT	24 INCH	24 INCH	LT/RT ARROW	
					WHITE	WHITE	WHITE	YELLOW	YELLOW	WHITE	YELLOW	WHITE	
ROUTE	LOG MILE	то	LOG MILE	LOCATION	LF	LF	LF	LF	LF	LF	LF	EACH	REMARKS
10 7 SB	79.261	-	79.521	MO 7	2750	690	460	2750	690				12" INT = 3' STRIPE 9' SPAC
O 7 SB	79.521	-	79.587	MO 7	700			1390		51	63		
O 7 SB	79.261			CENTER LANE								1	LT TURN ARROW
O 7 SB	79.341			CENTER LANE								2	LT TURN ARROW
O 7 SB	79.400			CENTER LANE								2	LT TURN ARROW
O 7 SB	79.480			CENTER LANE								2	LT TURN ARROW
O 7 SB	79.480			RT LANE								1	RT TURN ARROW
				TOTALS	3450	690	460	4140	690	51	63	8	
				USE	41	40	460	48	30	51	63	8	

MOBILIZATION
1 LUMP SUM

SHANNON M. KELLINER NUMBER PE-2011015763 STATE STATE ROUTE STATE
7 MO
DISTRICT SHEET NO.
SW 3 COUNTY
HENRY
JOB NO.
JSR0027
CONTRACT ID. PROJECT NO.

						1				EFFECTIVE: 04-01-2024	MILLE OF
TOTAL QTY			c ·		QTY	1 1					ZZA -
SIZE AREA QTY AREA RELOC				1 1 -	TOTAL RELO	1 1		ll			SHANN KELL
	SQ.FT.	SIGN	IN.		H SQ.FT. EACH	SQ.FT.	DECCRIPTION	ITEM	TOTAL		NUN 字。PE-201
WARNING SIGNS	DESCRIPTION	F0F 1	26V40		IDE SIGNS		DESCRIPTION	NUMBER	_	DESCRIPTION	1900
/O1-1L	TURN (SYMBOL LEFT ARROW) TURN (SYMBOL RIGHT ARROW)	1	48X36	12.00			GORE EXIT EXIT OPEN	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS) IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	77,5870N
/O1-2L 48X48 16.00	CURVE (SYMBOL LEFT ARROW)		48X36				EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	07/10/2024
O1-2R 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)			10.00 2	20		ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	SHANNON M. MO-PE-2
O1-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)	1		8.00 2	16		END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	7 / 1
O1-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW)			4.50 2	9		PILOT CAR FOLLOW ME	612201		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	ROUTE
O1 - 4L 48X48 16 . 00	REVERSE CURVE (SYMBOL LEFT ARROW) REVERSE CURVE (SYMBOL RIGHT ARROW)	GO20 - 4a GO20 - 4a			4.5		PILOT CAR IN USE WAIT & FOLLOW PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS) REPLACEMENT SAND BARREL	7
01-4h 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GO20-4a GO20-5aP			4.3		WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	DISTRICT
O1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)		24X18				END DETOUR	612300		TRUCK MOUNTED ATTENUATOR (TMA)	SW
O1-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-9L	48X36	12.00			DETOUR (LEFT ARROW)	6161008	3 2	ADVANCED WARNING RAIL SYSTEM	HE
O1-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)		48X36				DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)	JC
01-6 60X30 12.50	HORIZONTAL ARROW (SYMBOL)		48X12				STREET NAME (PLAQUE) DETOUR (ARROW LEFT)	6161013		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	JSF
01-6a 72X36 18.00 01-7 60X30 12.50	HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE) DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4 - 10L MO4 - 10R					DETOUR (ARROW LEFT) DETOUR (ARROW RIGHT)			CHANNELIZER (TRIM LINE)	1
O1-7a 72X36 18.00	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	1000	10/120		SULATORY SIG	GNS	person (minor month)	6161030		TYPE III MOVEABLE BARRICADE	PROJ
O1-8 18X24 3.00	CHEVRON (SYMBOL)	R1-1	48X48	13.25			STOP	6161033		DIRECTION INDICATOR BARRICADE	BRII
O1-8a 30X36 7.50	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)		48TR I .				YIELD	6161040		FLASHING ARROW PANEL	1
03-1 48X48 16.00	STOP AHEAD (SYMBOL)		36X36				TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER	
D3-2 48X48 16.00 D3-3 48X48 16.00	YIELD AHEAD (SYMBOL) SIGNAL AHEAD (SYMBOL)	R1-3P R2-1	30X12	12.00	+ + + + + + + + + + + + + + + + + + + +		ALL WAY (PLAQUE) SPEED LIMIT XX	616105		SEQUENTIAL FLASHING WARNING LIGHT TUBULAR MARKER	$\left(\begin{array}{c} 1 & 1 & 1 \end{array} \right)$
03-4 48X48 16.00 3 48	BE PREPARED TO STOP		48X48				NO RIGHT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	$1 \mid \cdot \mid \cdot \mid$
O3-5 48X48 16.00	SPEED LIMIT AHEAD		48X48				NO LEFT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN,	
04-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)		36X36				NO TURNS	6161096	5	COMMISSION FURNISHED/RETAINED	
04 - 1R 48X48 16 . 00	MERGE (SYMBOL FROM RIGHT)		48X48		+ + +		NO U-TURN (SYMBOL)	6161000	^	CHANGEABLE MESSAGE SIGN W/O COMM.	I d l
O4-1aL 48X48 16.00 O4-1aR 48X48 16.00	MERGE (ARROW SYMBOL) MERGE (ARROW SYMBOL)		30X30 30X30				RIGHT LANE MUST TURN RIGHT	6161098	7	INTERFACE - CONTRACTOR FURNISHED/RETAINED CHANGEABLE MESSAGE SIGN WITH COMM.	SCF
D5-1 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS		36X48				DO NOT PASS	6161099	2	INTERFACE - CONTRACTOR FURNISHED/RETAINED	12 E
D5-3 48X48 16.00	ONE LANE BRIDGE	R4-2		12.00			PASS WITH CARE	6162000		WORK ZONE TRAFFIC SIGNAL SYSTEM	
05-5 48X48 16.00	NARROW LANES		36X48				KEEP LEFT (HORIZONTAL ARROW)	6162002	!	TEMPORARY LONG-TERM RUMBLE STRIPS	$1 \mid \cdot \mid \cdot \mid$
06-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)			12.00			KEEP RIGHT (HORIZONTAL ARROW)	6173600		TEMPORARY TRAFFIC BARRIER	$\left(\mid \cdot \mid $
D6-2 48X48 16.00 D6-3 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL) TWO WAY TRAFFIC (SYMBOL)		30X30 36X24				DO NOT ENTER WRONG WAY	6173600	1	CONTRACTOR FURNISHED/RETAINED TEMPORARY TRAFFIC BARRIER	
07 - 3a 30X24 5.00	NEXT XX MILES (PLAQUE)		54X18				ONE WAY ARROW (LEFT)	6173602	В	CONTRACTOR FURNISHED/COMMISSION RETAINED	ATE
08-1 48X48 16.00	ВИМР		54X18				ONE WAY ARROW (RIGHT)	6174000		TEMP TRAFFIC BARRIER HEIGHT TRANSITION	
08-2 48X48 16.00	DIP		24X30	5.00			ONE WAY (LEFT)	6175010	Α	RELOCATING TEMPORARY TRAFFIC BARRIER	Z
08-3 48X48 16.00	PAVEMENT ENDS		24X30				ONE WAY (RIGHT)			TEMPORARY TRAFFIC BARRIER	12
08-4 48X48 16.00	SOFT SHOULDER SLIPPERY WHEN WET (SYMBOL)	R9-9	24X12	2.00			SIDEWALK CLOSED SIDEWALK CLOSED AHEAD,	6176000	В	COMMISSION FURNISHED/RETAINED TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	Y
08-6 48X48 16.00	TRUCK CROSSING	R9-11L	24X18	3.00			(ARROW LEFT) CROSS HERE	6177000	В	COMMISSION FURNISHED/RETAINED	۾ ۾
08-6c 48X48 16.00	TRUCK ENTRANCE						SIDEWALK CLOSED AHEAD,	6208064	Д	TEMPORARY RAISED PAVEMENT MARKER	NSF
08-7 36X36 9.00	LOOSE GRAVEL	R9-11R					(ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS	RAI
08-7a 36X36 9.00	FRESH OIL/LOOSE GRAVEL		24X36				STOP HERE ON RED (45^ ARROW)	902940		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	L NO
08-9 48X48 16.00	LOW SHOULDER UNEVEN LANES	R11-2	48830	10.00			ROAD CLOSED ROAD CLOSED XX MILES AHEAD				AND SSI
08-12 48X48 16.00 2 32	NO CENTER LINE	R11-3a	60X30	12.50			LOCAL TRAFFIC ONLY				S WIS
08-15 48X48 16.00	GROOVED PAVEMENT	R11-4					ROAD CLOSED TO THRU TRAFFIC				A W
08-15P 30X24 5.00	MOTORCYCLE (PLAQUE)	CONST-3A					FINE SIGN				信。
08-17L 48X48 16.00	SHOULDER DROP-OFF (SYMBOL LEFT)	CONST - 3X	56X12		CELL ANEQUE	CICNC	SPEEDING/PASSING (PLATE)	1			<u>ا</u>
08-17R 30X24 5.00 08-17P 30X24 5.00	SHOULDER DROP-OFF (SYMBOL RIGHT) SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X3E		SCELLANEOUS	2101/2	POINT OF PRESENCE				1 ₌ /
0-1 42RND. 9.62	RAILROAD CROSSING			32.00 2	64		POINT OF PRESENCE				[g Z
012-1 24X24 4.00	DOUBLE DOWN ARROW (SYMBOL)	CONST - 7			1 1		RATE OUR WORK ZONE)SS 4
012-2 48X48 16.00	LOW CLEARANCE (SYMBOL)	CONST-7	72X36	18.00			RATE OUR WORK ZONE				\(\brace \)
012-2X 24X18 3.00	LOW CLEARANCE (PLAQUE)	CONST-8	48X36	12.00 2	24		WORK ZONE NO PHONE ZONE				
D12-2a 84X24 14.00 D12-4 120X60 50.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES) LOW CLEARANCE XX FT XX IN XX MILES AHEAD				+ + + -						1
012-5 120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD				+ + +						1
13-1 30X30 6.25	ADVISORY SPEED (PLAQUE)										1
16-2 30X24 5.00	XXX FEET (PLAQUE)										1
16-3 30X24 5.00	X MILE (PLAQUE)										1
20-1 48X48 16.00 6 96	ROAD/BRIDGE/RAMP WORK AHEAD				+ + +						1
20-2 48X48 16.00	DETOUR AHEAD ROAD CLOSED AHEAD	616-10	05		TOTAL			l			1
20-4 48X48 16.00 4 64	ONE LANE ROAD AHEAD	1		N SIGNS							1
20-5 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10				TOTAL					1
020-5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCA		IGNS		0					1
020-6a 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED										1
20-7a 48X48 16.00 4 64	FLAGGER (SYMBOL)										1
021-2 36X36 9.00 021-5 48X48 16.00	FRESH OIL SHOULDER WORK AHEAD								C	UMMARY OF QUANTITIES	1
022-1 48X48 16.00	BLASTING ZONE AHEAD								3	-	1
D22-2 42X36 10.50	TURN OFF 2-WAY RADIO AND PHONE	1								SHEET 2 OF 2	1

WO22-2 42X36 10.50 WO22-3 42X36 10.50

GENERAL NOTES:

SHANNON M. KELLNER

NUMBER

SONAL

6/26/2024

HENRY

JSR0027

CONTRACT ID.

BRIDGE NO

MO

SHEET NO

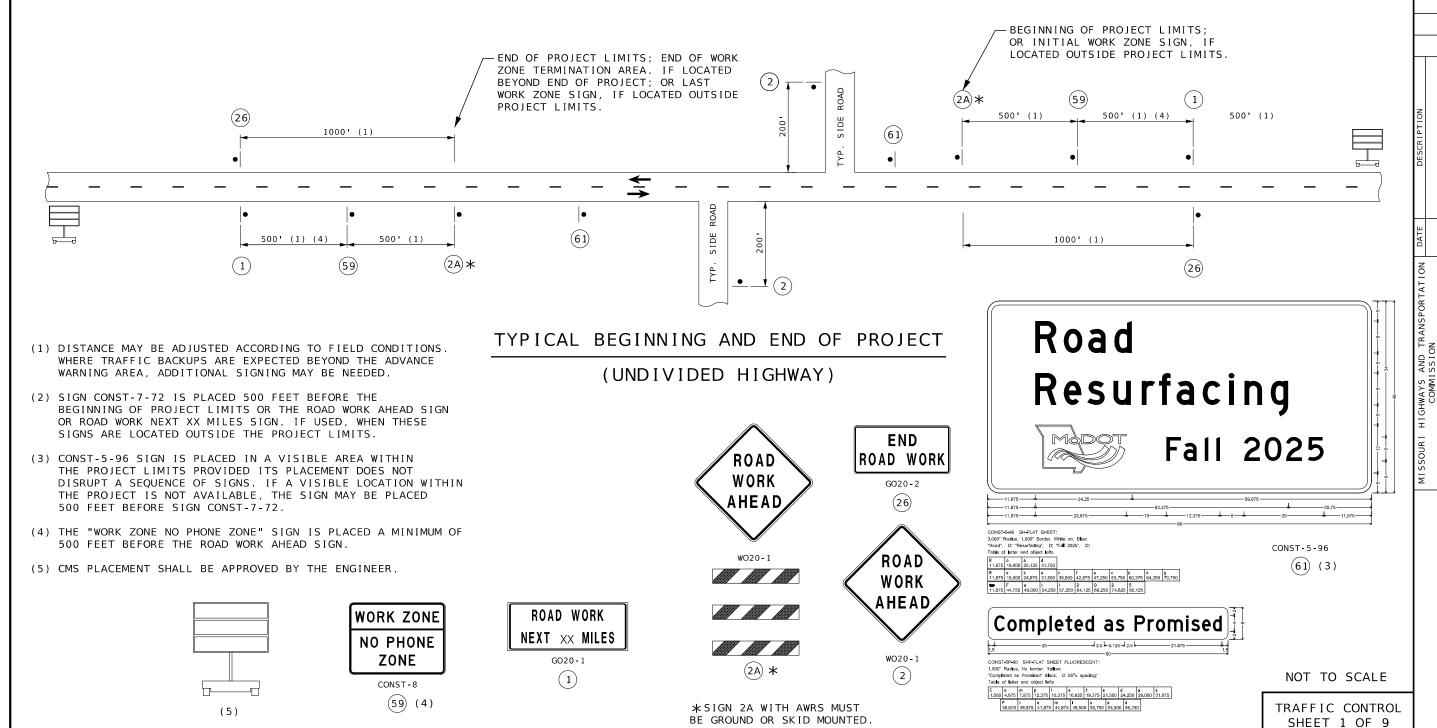
4

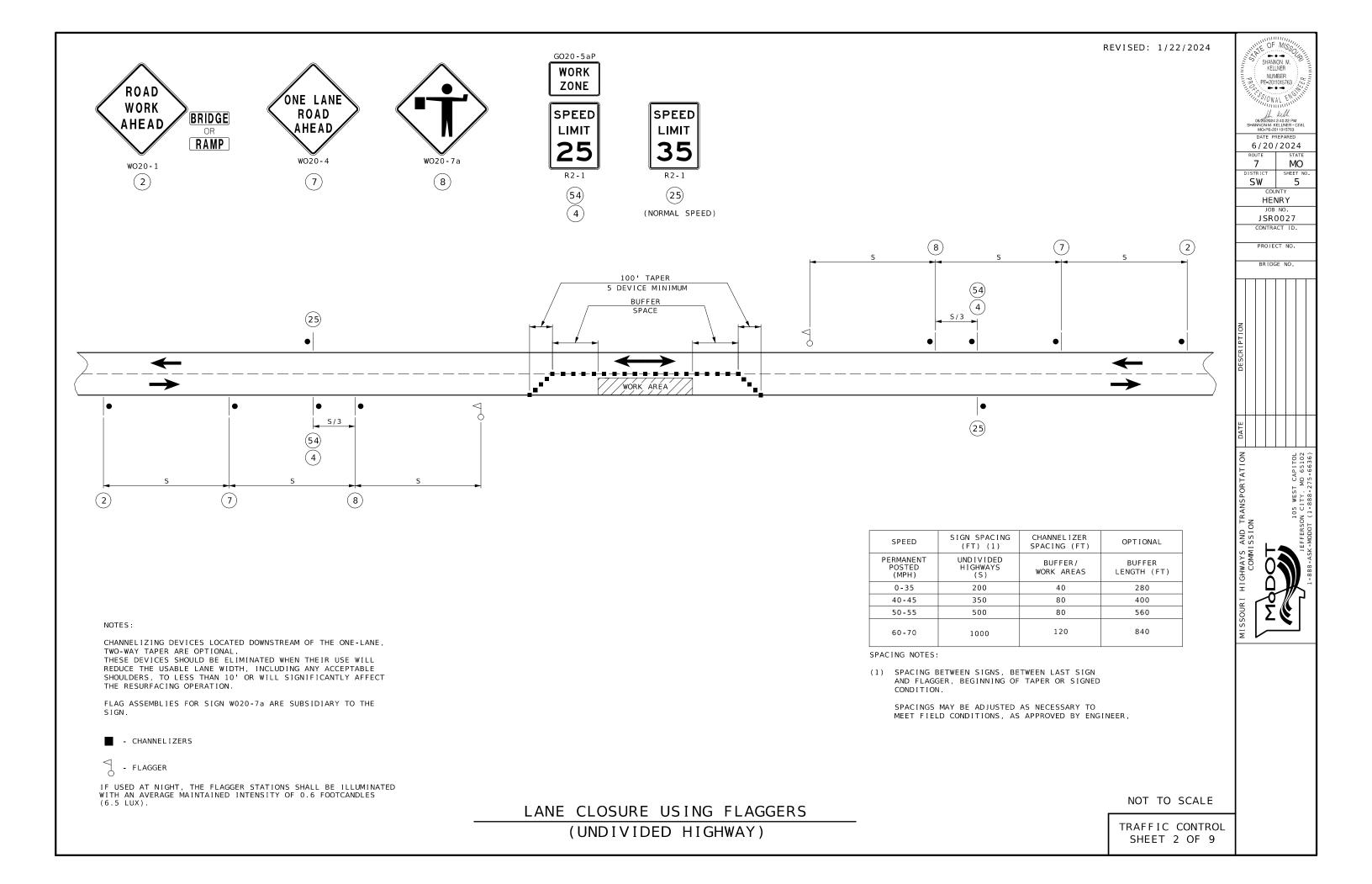
7

 SW

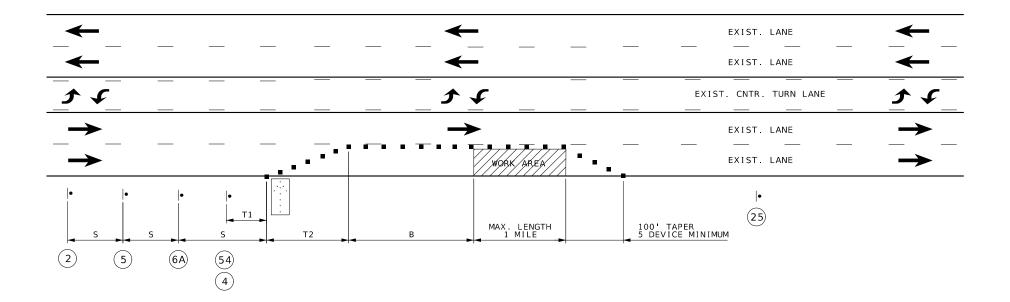
- 1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- 2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
- 3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
- 4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
- 5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
- 6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
- 7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
- 8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
 9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM
- THE ROADWAY DURING NON-WORKING HOURS.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.

 11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
- 12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
- 13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
- 14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.





OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



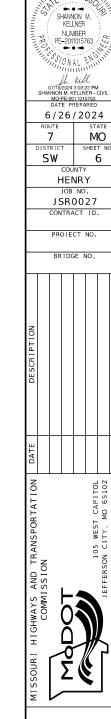






GO20-5aP





NOT TO SCALE

SPEED

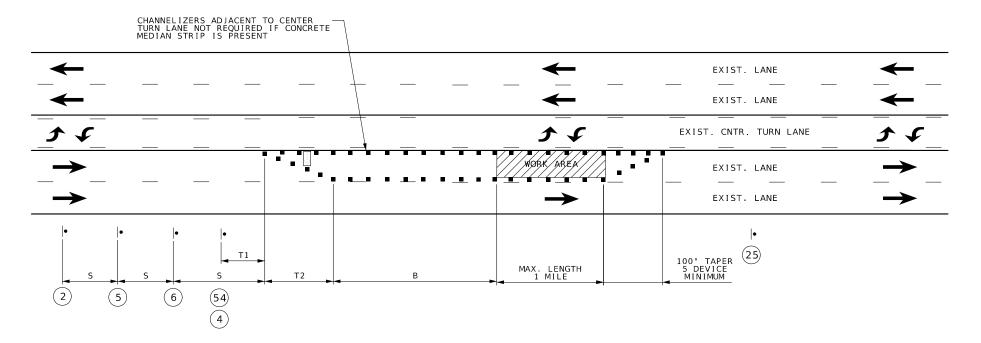
LIMIT

R2-1

(25)

TRAFFIC CONTROL SHEET 3 OF 9

PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









GO20-5aP WORK

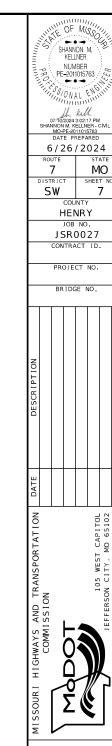


SPEED LIMIT 35

(NORMAL SPEED)

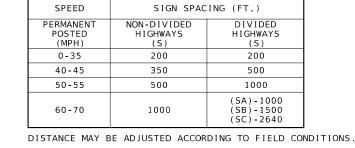
NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 9



REVISED: 1/22/2024

SIDE ROADS ENTERING WORK ZONES



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

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

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

* THE SMALLER 18" X 12" SIGN NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.). (60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10

PILOT CAR IN USE WAIT & FOLLOW

24 X 18

SHANNON M. KELLNER

NUMBER PE-2011015763 ISSONAL EN

6/20/2024

HENRY

JSR0027 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MO

SHEET NO

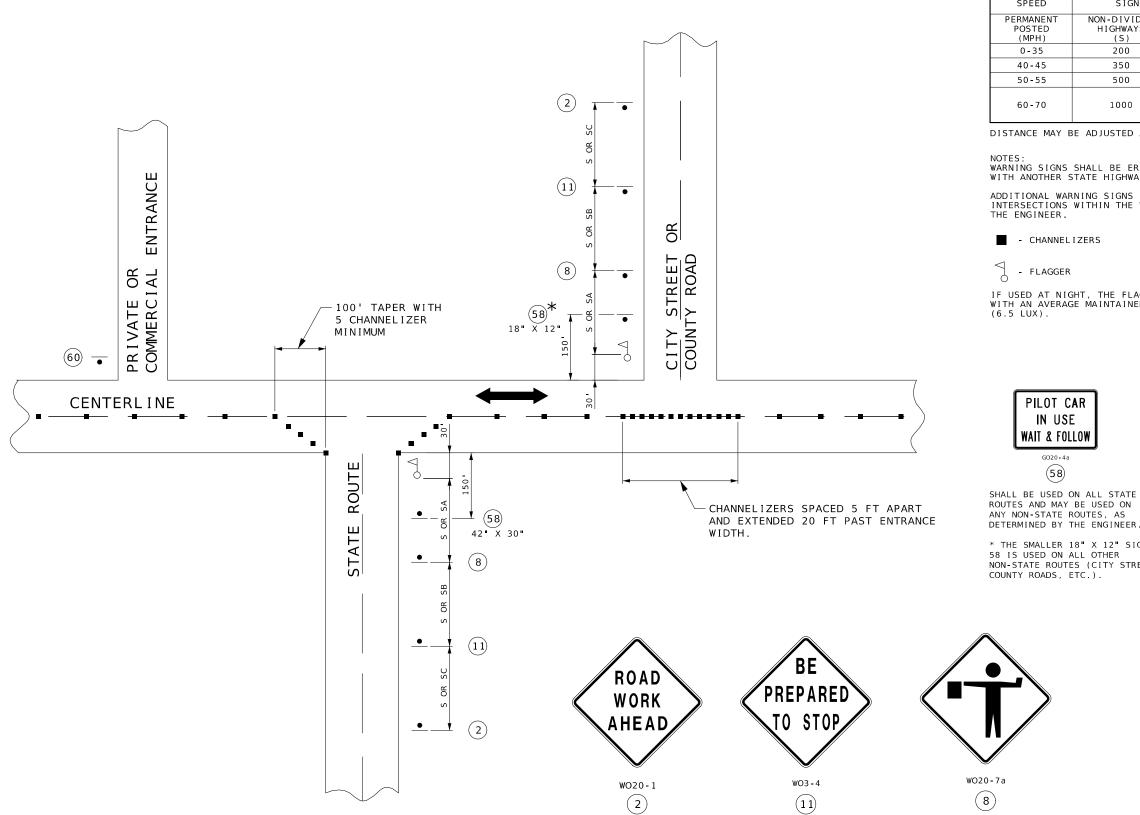
8

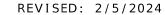
7

SW

NOT TO SCALE

TRAFFIC CONTROL SHEET 5 OF 9







NOTES:

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY

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

FLASHING ARROW PANELS AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED

(1) 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

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

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

ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

- SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

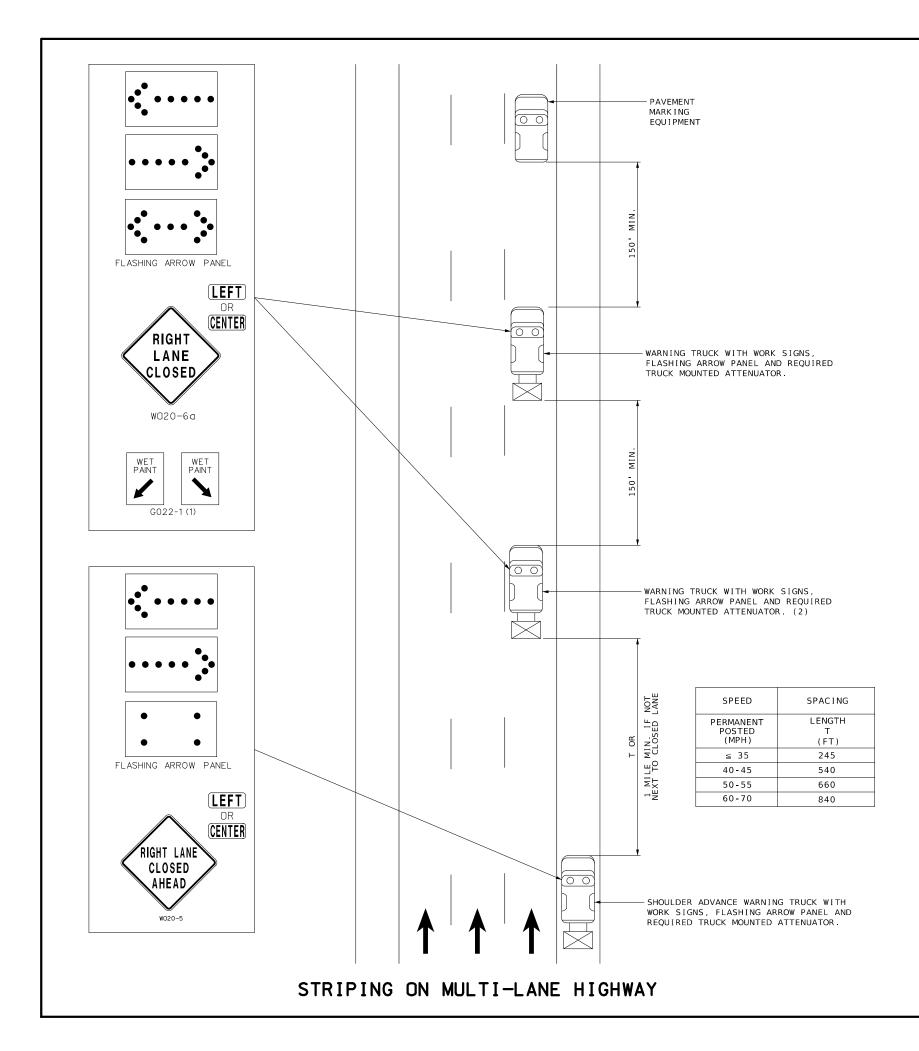
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY

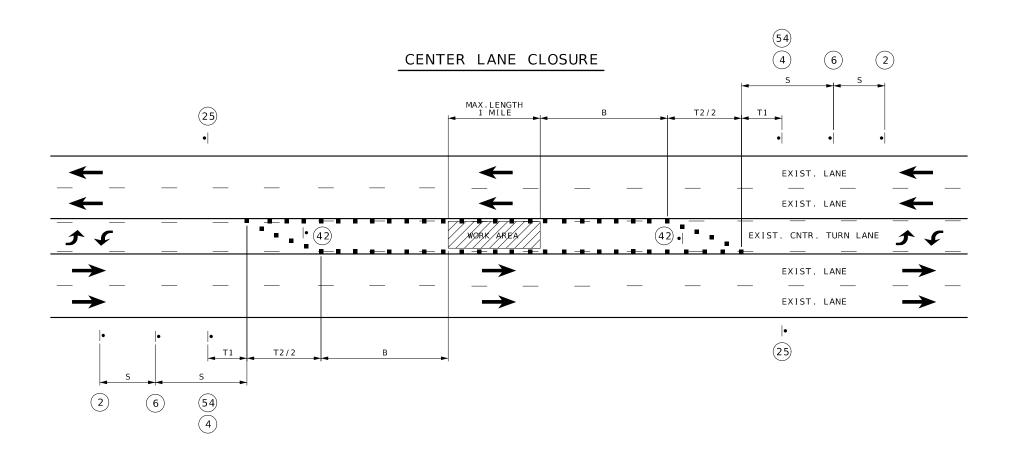
A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.

SHANNON M. KELLNER NUMBER PE-2011015763 SOONAL EN 6/20/2024 7 MO SHEET NO SW 9 **HENRY** LOB NO JSR0027 CONTRACT ID. PROJECT NO. BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 6 OF 9





SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









WORK ZONE

SPEED

LIMIT

SPEED LIMIT 35

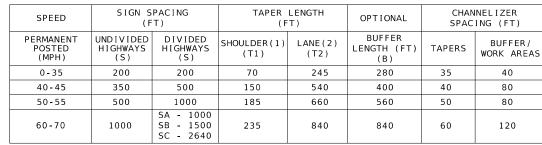
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 10

SHANNON M. KELLNER NUMBER PE-2011015763 SSONAL 6/26/2024 7 MO SW 10 **HENRY** JSR0027 CONTRACT ID. PROJECT NO. BRIDGE NO.

REVISED: 4/28/2023



NOTES:

100' TAPER 5 DEVICE MINIMUM

TEMPORARY WHITE LINE

(19)

(54)(4)

(6)

(5)(3)

WORK ON FAR SIDE ONLY

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET

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

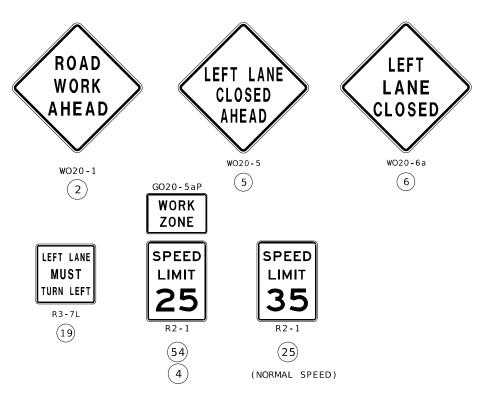
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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

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



LEFT LANE CLOSURE AT INTERSECTION

(54)(4)

(5)(3)

WORK ON NEAR OR FAR SIDE

2

(2)

TEMPORARY PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

100' TAPER

DEVICE MINIMUM

2

(2)

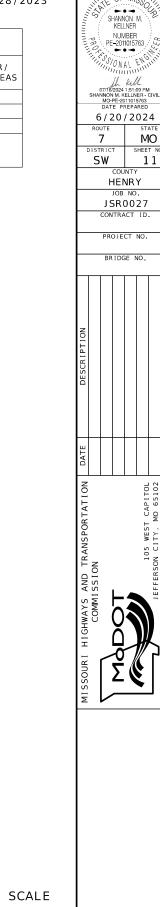
TEMPORARY WHITE LINE

TEMPORARY PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

NOT TO SCALE

TRAFFIC CONTROL SHEET 8 OF 8



MO

REVISED: 11/7/2023

BUFFER/

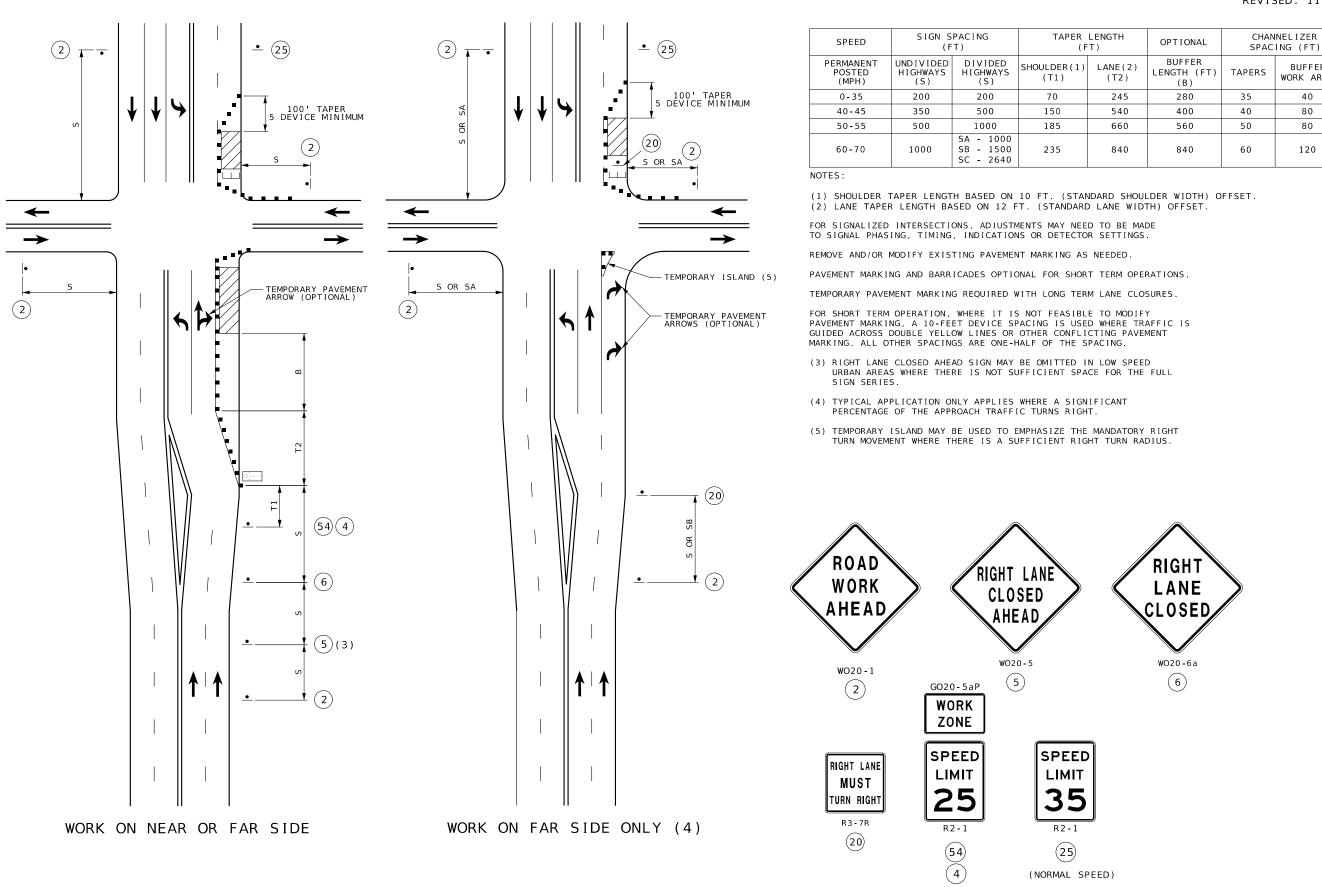
WORK AREAS

40

80

80

120



RIGHT LANE CLOSURE AT INTERSECTION

SHANNON M. KELLNER NUMBER PE-2011015763 6/20/2024 7 MO SW 12 **HENRY** JSR0027 CONTRACT ID. PROJECT NO. BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 9

DESIGN DESIGNATION

A.A.D.T. CONST - 2025 = 4556 A.A.D.T. DESIGN - 2045 = 5034 DVH (N/S) = 50.00%/ 50.00% T = 13.11%

V = 35/45/60 M.P.H.

FUNCTIONAL CLASSIFICATION-OTHER PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

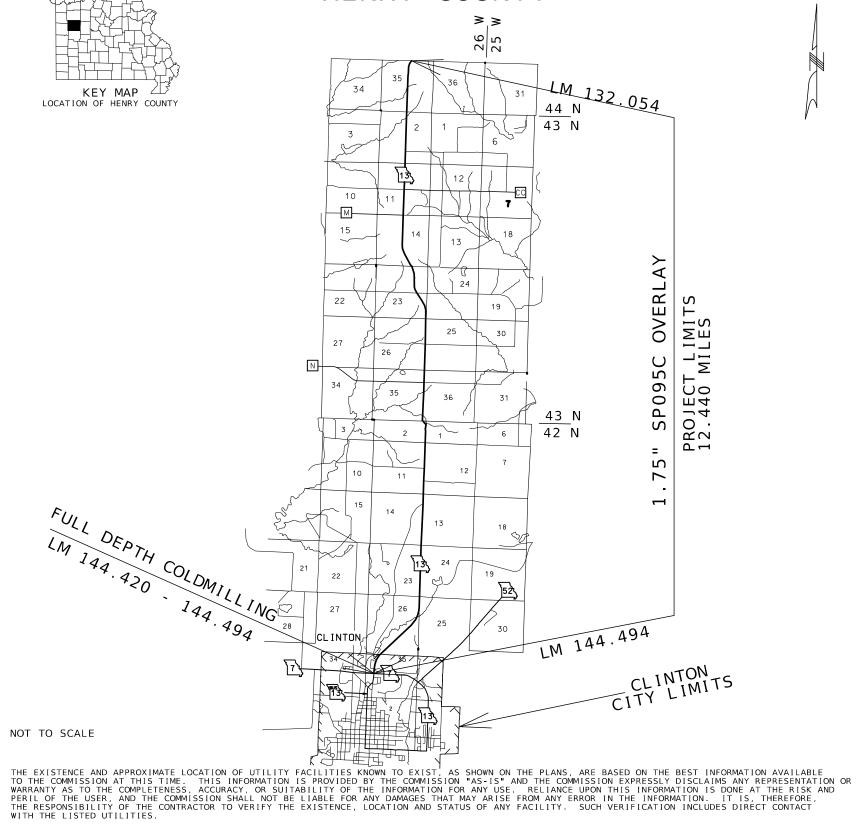
CONVENTIONAL SYMBOLS

	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL	⊏ <u>≒</u> =5	
GUARD CABLE	0000	••••
CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER	(=)	
LOCATION SURVEY MARKER	Ŏ	\circ
UTILITIES FIBER OPTICS	– FO <i>–</i>	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV OVERHEAD TELEPHONE	-UTV- - OT	-UTV- OT
UNDERGROUND TELEPHONE	– UT –	— UT —
OVERHEAD POWER	- OE -	
UNDERGROUND POWER SANITARY SEWER	– UE – — S —	— UE — — S —
STORM SEWER	– SS <i>–</i>	_ss _
GAS WATER	—G— —W—	— W —
	SAN	. "
MANHOLE	нур)
FIRE HYDRANT	wv .	Į
WATER VALVE	WIA C)
WATER METER)
DROP INLET	Ĩ	
DITCH BLOCK	=	⊨
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE	PED	<u>-</u> '
CHAIN LINK WOVEN WIRE	— v	<u> </u>
GATE POST	^	. ——-]
BENCHMARK	ВМ)
	_	•

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED

STATE HIGHWAY HENRY COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (9 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4
TRAFFIC CONTROL SHEETS (TC)	5 - 14
SIGNING (SN)	15-16

07/15/2024 SHANNON M. KI MO-PE-20	NER BER 1015763 LENGTH
	/2024
ROUTE	STATE
1 7	
13	MO
13 DISTRICT	MO SHEET NO.
DISTRICT	SHEET NO.
DISTRICT	SHEET NO.
DISTRICT SW COU	SHEET NO. 1 NTY NRY
DISTRICT SW COU	SHEET NO. 1
DISTRICT SW COU HEN JOB JSR	SHEET NO. 1 NTY NRY NO. 0029
DISTRICT SW COU HEN JOB J SR CONTRA	SHEET NO. 1 NTY NRY NO. 0029 CCT ID.
DISTRICT SW COU HEN JOB J SR CONTRA	SHEET NO. 1 NTY NRY NO. 0029
DISTRICT SW COU HEI JOB J SR CONTRA	SHEET NO. 1 NTY NRY NO. 0029 CCT ID.

LENGTH OF PROJECT

LOG MILES FROM 2021 ARAN

BEGINNING OF PROJECT LM. 132.054
END OF PROJECT LM. 144.494

APPARENT LENGTH 65683.20 FEET

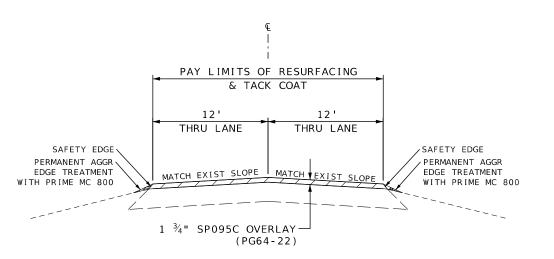
EQUATIONS AND EXCEPTIONS:



TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	65683.2	FEET
STATE LENGTH	12.440	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.000	ACRES

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION



ROUTE 13

LOG MILE 132.054 TO LOG MILE 144.216

REVISED: 1/4/2024

ASPHALT FACTORS

COMBINED FACTOR

SP095C (PG64-22) 1.970 TONS/CY

TACK COAT

OVERLAY

0.08 GAL/SY

PRIME LIQUID ASPHALT MC 800 0.25 GAL/SY

PERMANENT AGGREGATE EDGE TREATMENT

IRREGULARITIES: 75 TONS/MI

SHANNON M. KELLNER NUMBER PE-2011015763 6/20/2024 13 MO SHEET NO SW 2 HENRY JOB NO.
JSR0029
CONTRACT ID. PROJECT NO.

BRIDGE NO.

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 1/4/2024

ASPHALT FACTORS

COMBINED FACTOR

SP095C (PG64-22) 1.970 TONS/CY

TACK COAT

MILLING

0.10 GAL/SY

7/16/2024

HENRY
JOB NO.
JSR0029
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

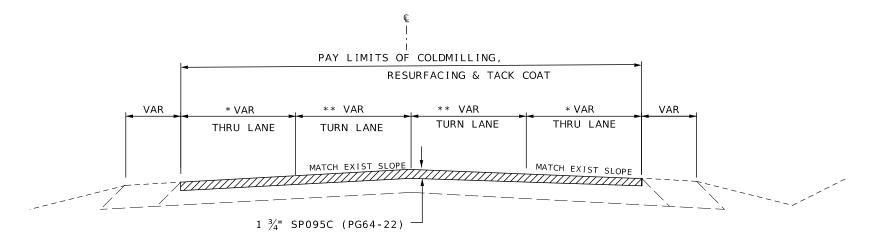
MO

2

13

SW

IRREGULARITIES: 75 TONS/MI



* LANE WIDTH FROM 12' TO 24'

** LANE WIDTH FROM 0' TO 12'

ROUTE 13

TRANSITION FROM 2 LANE TO 4 LANE LOG MILE 144.177 TO LOG MILE 144.332

NOTE:

LOG MILE 144.117 TO LOG MILE 144.332 SB LANE 12' TO 24' CENTER 0' TO 12' NB LANE 12'

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 1/4/2024

ASPHALT FACTORS

COMBINED FACTOR

SP095C (PG64-22) 1.970 TONS/CY

TACK COAT

MILLING

0.10 GAL/SY

NUMBER

7/16/2024

HENRY
JOB NO.
JSR0029
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

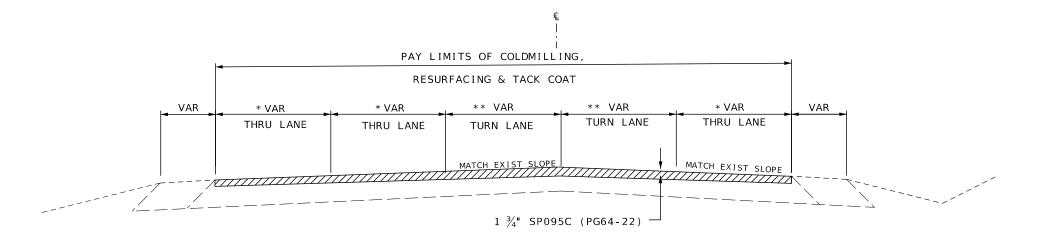
MO

2

13

SW

IRREGULARITIES: 75 TONS/MI



* LANE WIDTH FROM 12' TO 24'

** LANE WIDTH FROM 0' TO 12'

ROUTE 13

TRANSITION FROM 4 LANE TO 5 LANE LOG MILE 144.332 TO LOG MILE 144.420

NOTE:
LOG MILE 144.332 TO LOG MILE 144.420
SB LANE 24'
CENTER 12'
NB LANE 12' TO 24'

TYPICAL SECTIONS SHEET 3 OF 9

NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT - ONE PASS PER LANE

NO S.E. CORRECTION

REVISED: 1/4/2024

ASPHALT FACTORS

COMBINED FACTOR

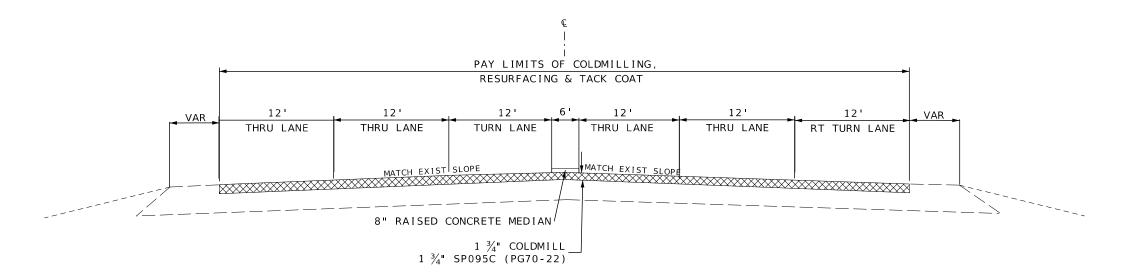
SP095C (PG64-22) 1.970 TONS/CY

TACK COAT

MILLING

0.10 GAL/SY

IRREGULARITIES: 75 TONS/MI



ROUTE 13

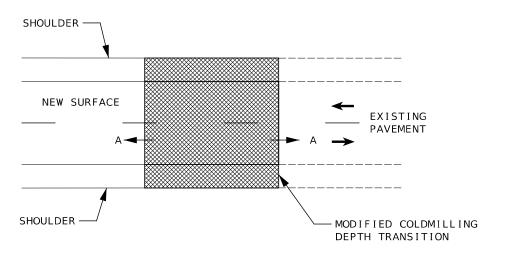
LOG MILE 144.420 TO LOG MILE 144.494

NOTE: FROM 144.420 TO 144.494 SB LANE 24' TO 36' NB LANE 24, TO 36'

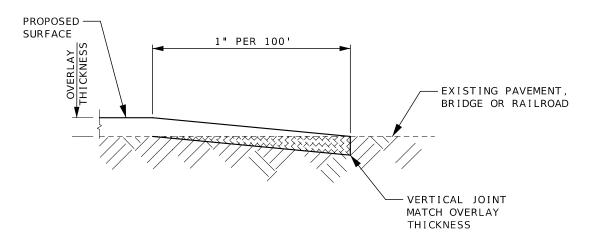
SHANNON M. KELLNER NUMBER PE-2011015763 7/16/2024 13 MO SW 2 HENRY JOB NO.
JSR0029
CONTRACT ID. PROJECT NO. BRIDGE NO.

TYPICAL SECTIONS
SHEET 4 OF 9

REVISED: 3/7/2023



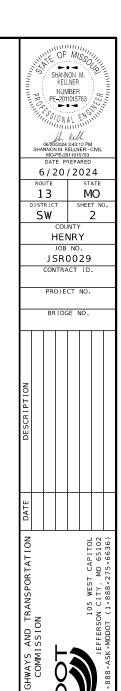
MAINLINE, BRIDGE, AND RAILROAD PLAN



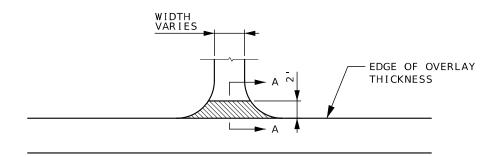
SECTION A-A

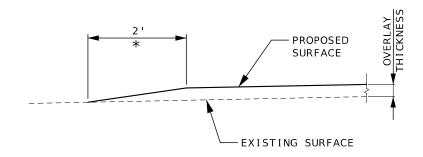
TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



REVISED: 3/7/2023



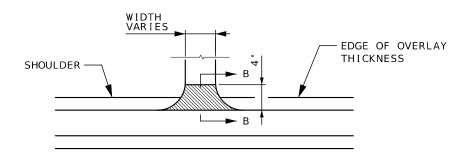


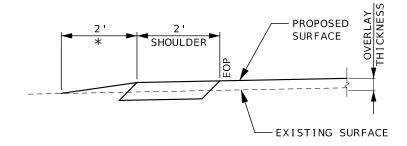
SECTION A-A

TYPICAL ENTRANCE - NO SHOULDER (FIELD, PRIVATE OR COUNTY ROAD) *TAPER AT 1:1 FOR FIELD ENTRANCE

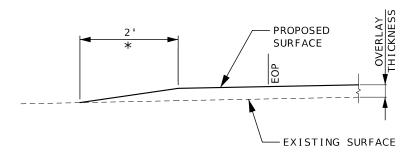
NOTE: 4 TONS GRAVEL A OR CRUSHED STONE CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.





AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B

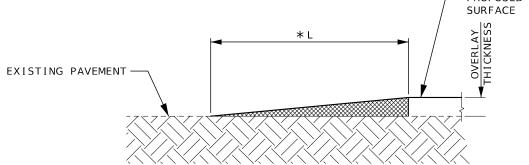
TYPICAL ENTRANCE - EXIST/NEW SHOULDER (FIELD, PRIVATE OR COUNTY ROAD) *TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS ACROSS CONCRETE OR ASPHALT ENTRANCES, STREETS OR ROADS.

> 4 TONS GRAVEL A OR CRUSHED STONE B CALCULATED PER ENTRANCE.

> 6 TONS CALCULATED PER COUNTY ROAD.

HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION							.MIIIIIII.
COMMISSION						1	6 ROI	SHA	PROMINING
				CON	H	3	DAT JTE	06/20 NNOI MO-	S PI
			JJE JDO	TRA	COU JOB	Т	20	V2024	HANI KEL
				00 CT	NR NO	S	(EP# 2		MA, NON LINEF MBEF 11015
105 WEST CAPITOL				29 ID		HEE	02 ST.		M
JEFFERSON CITY, MO 65102				•		10 T N 2	4	QIVIL V	II WEED WATER
1-888-ASK-MODOT (1-888-275-6636)).			WWWWWWW



SECTION B-B
SURFACING REQUIREMENTS FOR OVERLAYS

AT EXISTING COLD MIX STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LE	NGTHS
OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1"	20.0'
1 ½"	40.0'
1 3/4"	50.0'
2"	60.0'

TYPICAL SECTIONS SHEET 7 OF 9 SHANNON M. KELLNER NUMBER PE-2011015763

6/20/2024

HENRY

JOB NO.
JSR0029
CONTRACT ID.

PROJECT NO.

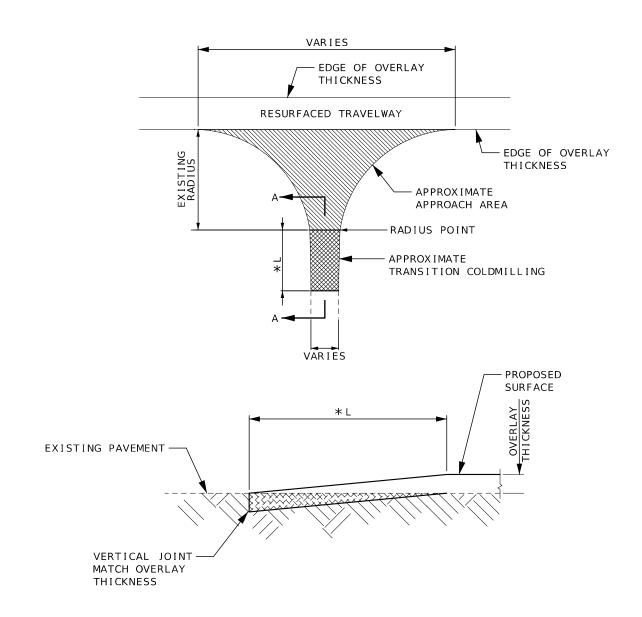
BRIDGE NO.

MO

2

13

SW



SECTION A-A

SURFACING REQUIREMENTS FOR OVERLAYS AT STATE ROUTES.
SEE QUANTITY SHEETS FOR LOCATIONS.

*TRANSITION LENGTHS

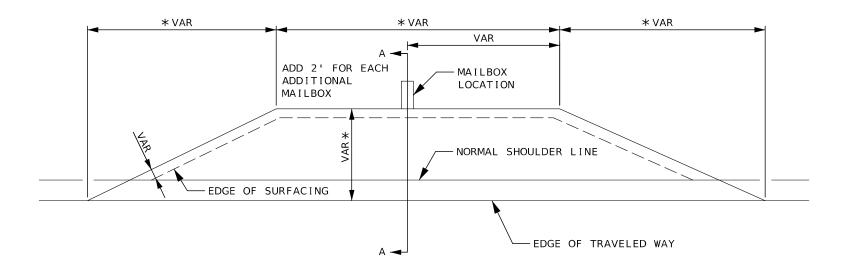
OVERLAY THICKNESS	DEPTH TRANS. LENGTH (L)
1 "	20.0'
1 1/2"	40.0'
1 3/4"	50.0'
2"	60.0'

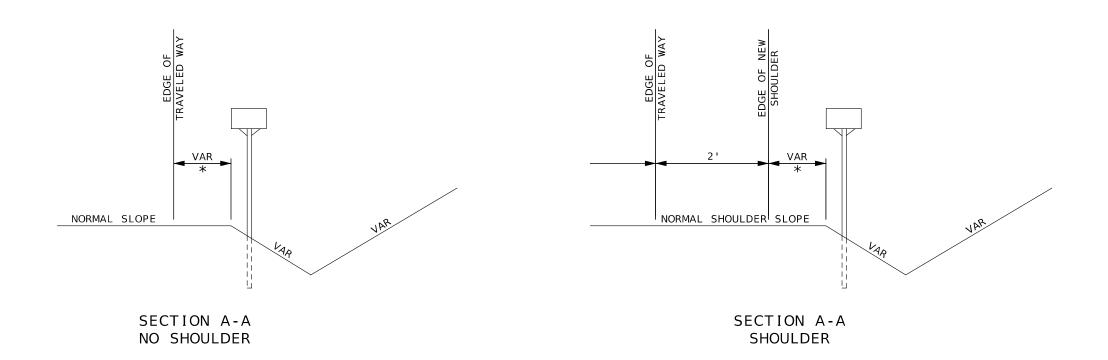
REVISED: 3/7/2023

NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

*AS APPROVED BY THE ENGINEER





TYPICAL SECTIONS
SHEET 8 OF 9

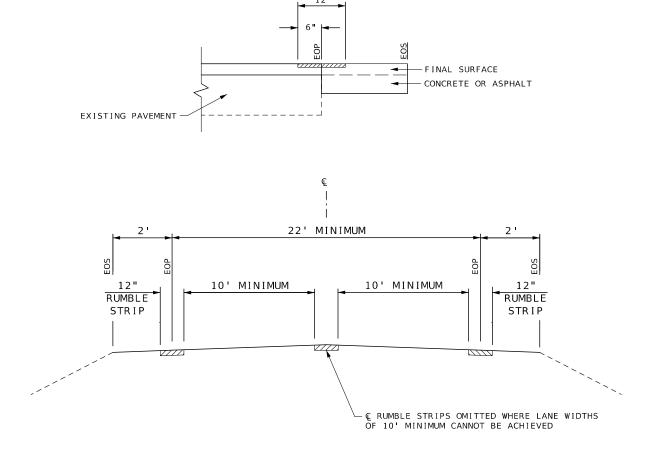
6/20/2024 13 DISTRICT SHEET NO HENRY JOB NO.
JSR0029
CONTRACT ID. BRIDGE NO.

REVISED: 3/7/2023

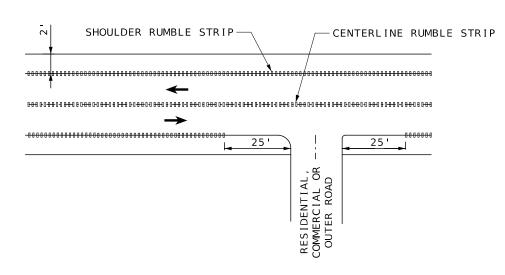
RUMBLE STRIPS FOR 2' MODIFIED A3 SHOULDERS

AS APPROVED BY THE ENGINEER, A 6" MINI RUMBLE STRIP MAY BE USED WHERE A 12" RUMBLE STRIP DOES NOT FIT.

RUMBLE STRIP DETAILS



INTERSECTION RUMBLE STRIP LAYOUT



SHANNON M KELLNER NUMBER 6/20/2024 13 MO SW 2 HENRY JSR0029 CONTRACT ID. PROJECT NO. BRIDGE NO.

TYPICAL SECTIONS
SHEET 9 OF 9

					MOD I F	I ED COL	DMILLING (DEPTH TRANSITIONS)
				NET	AVERAGE		
	LOG		LOG	LENGTH	WIDTH	AREA	
ROUTE	MILE	TO	MILE	LF	LF	SY	REMARKS
MO 13	132.054	-	132.087	175.0	24.0	466.7	BEGINNING OF PROJECT
MO 13	144.401		144.434	175.0	VAR	961.0	AT CONCRETE MEDIAN
			•		TOTAL	1427.7	
					USE	1428	

		COL	OMILLI	NG BITU	MINOUS	PAVEMENT	T FOR REMOVAL OF SURFACE (3 IN. THICK OR LESS)
AVERAGE AVERAGE							
	LOG		LOG	LENGTH	WIDTH	AREA	
ROUTE	MILE	ТО	MILE	LF	LF	SY	REMARKS
MO 13	144.434	-	144.494	316.8	VAR	1900.0	WEST QUAD BEGIN OF CONC. MEDIAN TO EOP RTE. 7 INCLUDING RADUIS
MO 13	144.434	•	144.494	316.8	VAR	2108.0	EAST QUAD BEGIN OF CONC. MEDIAN TO EOP RTE. 7 INCLUDING RADUIS
					TOTAL	4008.0	
	•	·	•	·	USE	4008	

E	BITUMIN	OUS CENTER	LINE RUMBLE	STRIP
LOG	LOG		RUMBLE STRIP	
MILE T	O MILE	LOCATION	(STA)	REMARKS
132.054	143.838	MO 13	622.2	CENTERL I NE
		TOTAL	622.2	

USE

BITUMINOUS SHOULDER RUMBLE STRIP

LOCATION

MO 13

MO 13

TOTAL

RUMBLE STRIP

(STA)

622.2

1244.4

1244.4

622.2

GRAVEL (A) OR CRUSHED STONE (B)

260 TONS

REMARKS

LT EOP

RT EOP

LOG

LOG

MILE TO MILE

132.054 - 143.838

132.054 - 143.838

						ASPHALT, TACK		
				NET	AVERAGE	SP095C	TACK	
ROUTE	LOG		LOG	LENGTH	WIDTH	1.97	0.10	
LT/RT	MILE	TO	MILE	LF	LF	TONS	GAL	REMARKS
MO 13	132.054	-	144.216	64215.4	24.0	16398.7	17124.1	
MO 13	144.216	-	144.419	1071.8	48.0	547.4	571.6	4 LANE SECTION
MO 13	144.419	-	144.494	396.0	VAR	182.0	190.0	WEST QUAD BEGIN OF CONC. MEDIAN TO EOP RTE 7 INCLUDING RADIUS
MO 13	144.419	-	144.494	396.0	VAR	199.7	210.7	EAST QUAD BEGIN OF CONC. MEDIAN TO EOP RTE 7 INCLUDING RADIUS
MO 13	132.054	-	144.949	4944.0	2.0	105.2		ENTRANCES & SIDEROADS
MO 13	132.054	-	144.949	182.0	2.0	3.9		MAILBOX TURNOUTS
MO 13	132.054	-	144.494	-	-	933.0		IRREGULARITIES 75 TONS/MILE
					TOTAL	18369.9	18096.4	
	•		•	•	USE	18369.9	18096	

				PERMA	NENT AGGREGATE ED	OGE TREATMENT	
					AGGREGATE	PRIME MC 800	
				LENGTH	200 TON/MILE*	590 GAL/MILE*	
ROUTE	LOG MILE	TO	LOG MILE	MILES	TON	GAL	REMARKS
MO 7 SB	132.054	-	144.401	12.347	2469.4	7285	
				TOTALS	2469.4	7285	
	·			USE	2469.4	7285	*INCLUDES 2' WIDTH BOTH SIDES OF ROADWAY

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

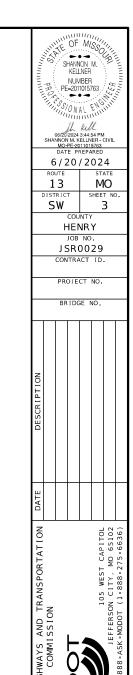
MOBILIZATION
1 LUMP SUM

OF M/SSO SHANNON M KELLNER NUMBER PE-2011015763 OSZOZO24 3:44:28 PM SHANNON M. KELLNER - CIVIL MO-PE-2011015783 DATE PREPARED 6/20/2024 ROUTE STATE MO DISTRICT SHEET NO.

SW
3 HENRY JOB NO.
JSR0029
CONTRACT ID. PROJECT NO. BRIDGE NO.

SUMMARY OF QUANTITIES
SHEET 1 OF 3

						PAVEM	ENT MARKING				
				WAT	ERBORNE PAINT	, TYPE L BEADS			THERMOPLASTIC		
				6" SOLID	6" INT	6" SOLID	6" INT	24"	24"	LT/RT ARROW	
				WHITE	WHITE	YELLOW	YELLOW	WHITE	YELLOW	WHITE	
ROUTE	LOG MILE	TO LOG MILE	LOCATION	LF	LF	LF	LF	LF	LF	EACH	REMARKS
MO 13	132.054	- 132.318	MO 13	2790.0		2790.0					
MO 13	132.318	- 132 499	MO 13	1910.0		960.0	240.0				
MO 13	132.499	- 132.758	MO 13	2740.0			342.5				
MO 13	132.758	- 132.858	MO 13	1060.0		530.0	132.5				
MO 13	132.858	- 133.519	MO 13	6980.0		6980.0	210.0				
MO 13	133.519 133.679	- 133.679 - 133.758	MO 13	1690.0 830.0		840.0	210.0 105.0				
MO 13	133.079	133.738	MO 13	2100.0		1050.0	262.5				
MO 13	133.957	134.377	MO 13	4440.0		4440.0	202.3				
MO 13	134.377	- 134.558	MO 13	1910.0		960.0	240.0				
MO 13	134.558	- 134.597	MO 13	410.0			52.5				
MO 13	134.597	- 134.777	MO 13	1900.0		950.0	237.5				
MO 13	134.777	- 135.856	MO 13	11390.0		11390.0					
MO 13	135.856	- 136.174	MO 13	3360.0		1680.0	420.0				
MO 13	136.174	- 137.236	MO 13	11210.0		11210.0					
MO 13	137.236	- 137.416	MO 13	1900.0		950.0	237.5		1		
MO 13	137.416 137.677	- 137.677 - 137.876	MO 13	2760.0 2100.0		1050.0	345.0 262.5				
MO 13	137.876	138.295	MO 13	4420.0		4420.0	202.5				
MO 13	138.295	138.475	MO 13	1900.0		950.0	237.5				
MO 13	138.475	138.636	MO 13	1700.0		330.0	212.5				
MO 13	138.636	- 138.815	MO 13	1890.0		950.0	237.5				
MO 13	138.815	- 139.475	MO 13	6970.0		6970.0					
MO 13	139.475	- 139.655	MO 13	1900.0		950.0	237.5				
MO 13	139.655	- 139.695	MO 13	420.0			52.5				
MO 13	139.695	- 139.876	MO 13	1910.0		960.0	240.0				
MO 13	139.876	- 140.135	MO 13	2740.0		2740.0					
MO 13	140.135	- 140.315	MO 13	1900.0		950.0	237.5				
MO 13	140.315 142.095	- 142.095 - 142.274	MO 13	18800.0 1890.0		950.0	2350.0				
MO 13	142.093	142.274	MO 13	1060.0		1060.0	237.3				
MO 13	142.374	142 474	MO 13	1060.0		530.0	132.5				
MO 13	142.474	- 142.754	MO 13	2960.0			370.0				
MO 13	142.754	- 142.955	MO 13	2120.0		1060.0	265.0				
MO 13	142.955	- 143.237	MO 13	2980.0		2980.0					
MO 13	143.237	- 143.418	MO 13	1910.0		960.0	240.0				
MO 13	143.418	- 143.518	MO 13	1060.0			132.5				
MO 13	143.518	- 143.819	MO 13	3180.0		1590.0	397.5				
MO 13	143.819	- 143.898	MO 13	830.0		1000 0	105.0				
MO 13	143.898 144.077	- 144.077 - 144.237	MO 13	1890.0 1690.0		1890.0 840.0	210.0				
MO 13	144.077	144 237	MO 13	2080.0	520.0	1040.0	260.0				
MO 13	144.434	144.494	MO 13	950.0	157.5	320.0	200.0		1		
	146.125	146 186	MO 13	970.0	160.0	320.0					
MO 13	144.365		CENTER LANE							1	LT TURN ARROW
MO 13	144.275		CENTER LANE							1	LT TURN ARROW
MO 13 SB			LT TURN LANE							2	LT TURN ARROW
MO 13 SB			LT TURN LANE							2	LT TURN ARROW
MO 13	144.177		CENTER LANE						85.0		
MO 13	144.334		CENTER LANE						157.0	1	LT TURN ARROW
MO 13 SB MO 13 NB		+ + +	LT TURN LANE LT TURN LANE							2	LT TURN ARROW LT TURN ARROW
MO 13 NB		+ + - +	LT TURN LANE							1	LT TURN ARROW
MO 13 NB		+ + +	RT TURN LANE							1	RT TURN ARROW
MO 13 NB			RT TURN LANE							1	RT TURN ARROW
MO 13 NB			RT TURN LANE							1	RT TURN ARROW
MO 13 SB								36.0			STOP BARS
		<u> </u>	TOTALS	132660	838	78210	9243	36	242	13	
			USE	133	498	874	53	36	242	13	
										•	



SIGN IN. SO.FILEACH SO.FI. EACH SO.FI.													EFFECTIVE: 04-01-2024	,,,,,,
1.00 1.00			TOTAL QTY	TOTAL SIGN				Q1	Y TOTAL SIGN					LILLINE C
Section Control Cont		SIZE ARI	EA QTY AREA RELOC	RELOC NUM.		SIZE	AREA QTY	TOTALREL	OCRELOC NUM.					SH
Col.	SIGN	IN SQ	FT EACH SQ FT EACH	SQ.FT.	SIGN	IN.	SQ.FT EACH	SQ.FT. EA	CH SQ FT		ITEM	TOTAL		
Col.			WARNING SIGNS	DESCRIPTION			GUID	E SIGNS	•	DESCRIPTION	NUMBER	QTY	DESCRIPTION	PE-N-PE-N-PE-N-PE-N-PE-N-PE-N-PE-N-PE-N
Column C	WO1-1L	48X48 16.	.00	TURN (SYMBOL LEFT ARROW)	E05-1	36X48	12.00			GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	11,588/
March 19				· · · · · · · · · · · · · · · · · · ·	l									1
Column C					l			20						07/10/2 SHANNON
10 10 10 10 10 10 10 10					l									MO-P DATE
Color Colo					l									7/:
Color Colo					l									ROUTE
Minch 14th 15th					l									
Winds 10 10 10 10 10 10 10 1	WO1-4b	48X48 16.	.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GO20 - 5 a l	P 36X24	6.00			WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
Ministry 1945 1950	WO1-4b				l]
Dec. 1.00					l							2		. Н
Policy 1.50 Policy 1.50 Policy Polic					l									l Is
Color 1.50					l									CON
Part					l							250		i I
Company Comp	WO1-7a							LATORY S	IGNS	,				PRO
Control Cont	WO1-8	18X24 3.0	00	CHEVRON (SYMBOL)	R1-1	48X48	13.25			STOP	6161033		DIRECTION INDICATOR BARRICADE	BRI
WARD SCO				, , , , , , , , , , , , , , , , , , ,	l							2		1
State Stat					l									4 H T T
According March					l									1
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MILEST MARKE CORNECT STREET MARKE CO					l						6161096			NO
Math	WO4-1R				l								CHANGEABLE MESSAGE SIGN W/O COMM.	
Col.	WO4-1a	48X48 16.	.00	MERGE (ARROW SYMBOL)	R3-7L	30X30	6.25			LEFT LANE MUST TURN LEFT	6161098A		INTERFACE - CONTRACTOR FURNISHED/RETAINED	
Control Cont	WO4-1a				l									ESC
MARKED 15.00 MARKED 15.00 MARKED CARREST CARREST STRUCTS 15.00 MARKED CARREST CARREST STRUCTS 15.00 MARKED CARREST C					l							2		
906.2 SEMAN IS COL					l									i I
Deciding					l						6162002			i I
RESTANDAY TRAFFIC SAMPLES					l					1	61736000	,		i I
Montage Mont					l						0170000			
READ 1.00 D.P. PAVEMENT INDS D.P.	WO7 - 3a	30X24 5.0	00	NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75			ONE WAY ARROW (LEFT)	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	A
Mode 19.00	WO8 - 1	48X48 16.	.00		R6-1R	54X18	6.75			ONE WAY ARROW (RIGHT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
## 1945 19.00 SOFT SINGLINES SOFT					l						6175010A			Z
WORD-E					l									112
Process Assault 10.00					R9-9	24X12	2.00				6176000E			
Transport Section Se						24X18	3 00				6177000B			1 l g
Fig. 1903 1906 1908 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 1908 1909 19					110	24/10	3.00						·	I SP
NOB-13 48X48 16.00					R9-11R	24X18	3.00							I N
WORL-12 49X4B 16.00 28 416				FRESH OIL/LOOSE GRAVEL						STOP HERE ON RED (45^ ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	J I [⊭] ≅
NOS-112 48X48 15.00 14 224 NO CENTER LIFE R11-3 60X30 12.30 LOCAL TRAFFIC ONLY NOS-159 49X48 15.00 MOTORCYCLE (PLAQUE) CONST-34 60X48 20.00 FIRE SIGN NOS-159 49X48 15.00 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN FIRE SIGN NOS-174 49X30 2.35 SHOULDER DROP-OFF (SYMBOL LEFT) CONST-34 60X48 20.00 FIRE SIGN FIRE SIGN NOS-174 49X30 2.35 FIRE SIGN					R11-2	48X30	10.00							SIC
WOB-17 48748 16.00 SHOULDER ROPO-OFF (SYMBOL LEFT) CONST-33/55X12 4.67 CONST-33/55X12														I S A
WOB-17 48748 16.00 SHOULDER ROPO-OFF (SYMBOL LEFT) CONST-33/55X12 4.67 CONST-33/55X12					l									X S
NOB-174 SAVA 16.00 SINULIDER DROP-OFF (SYMBOL LEFT) COMST-3X SAVI2 4.67 SPECING/PASSING (PLATE)					l									≱४ (
MOS-178 30X24 5.00 SHOULDER ROPP-OFF [FISMBOL, R10HT] SHOULDER ROPP-OFF [l									i ₫
W101-1 228N0. 9-62				· · · · · · · · · · · · · · · · · · ·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ELLANEOL	IS SIGNS	(L				' ± •
NOI2-1 24724 4.00					CONST-5	48X36				POINT OF PRESENCE				½ /.
WOI12-22 48X48 16.00					l			64						[일 []
NOTIC-2X 24X18 3.00					l									155
W012-2a 84X24 14.00								24						
W012-4 120/60 50-00					CONST-8	48X36	12.00 2	24		WURK ZUNE NU PHUNE ZONE				
W012-5 120X60 50.00														
WO13-1 30X30 6.25														
W016-3 30X24 5.00														1
W020-1	WO16-2	30X24 5.0	00	XXX FEET (PLAQUE)										
W020-2														
W020-3														
WO20-4					C1C 10	2 0 5		TOTAL						
WO20-5 48X48 16.00 RIGHT/CENTER/LEFT LANE CLOSED AHEAD 616-10.10 TOTAL RELOCATED SIGNS O WO20-5a 48X48 16.00 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RELOCATED SIGNS O WO20-6a 48X48 16.00 RIGHT/CENTER/LEFT LANE CLOSED RELOCATED SIGNS O WO20-7a 48X48 16.00 FRESH OIL RELOCATED SIGNS O WO21-2 36X36 9.00 SHOULDER WORK AHEAD SHOULDER WORK AHEAD SUMMARY OF QUANTITIES WO22-1 48X48 16.00 BLASTING ZONE AHEAD SHEET 3 OF 3 SHEET					l									
WO20-5a 48X48 16.00 2 RIGHT/CENTER/LEFT LANE CLOSED AHEAD RELOCATED SIGNS 0							OND I CHIDIC III	100/	TOTAL					
W020-6a 48X48 16.00					l		IGNS							
W020-7a 48X48 16.00 4 64 FLAGGER (SYMBOL) 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 SHEET 3 OF 3						0								
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														
W022-1 48X48 16.00 BLASTING ZONE AHEAD W022-2 42X36 10.50 TURN OFF 2-WAY RADIO AND PHONE SHEET 3 OF 3														
W022-1 48X48 16.00 BLASTING ZONE AHEAD W022-2 42X36 10.50 TURN OFF 2-WAY RADIO AND PHONE SHEET 3 OF 3												SI	UMMARY OF QUANTITIES	
TOZZZ-3 TZZZZZ I LIND BLASTING ZONE													JILLI J OI J	
	11022-3	TZNJU 10.	. 50	LIND DEASTING ZONE	ı									

SHANON M. KELLINER MUMBER PE-201015763 WAS PENDING AND ALE MONTH AND ALE PROJECT NO. BRIDGE NO.





LOCATION OF SIGNS

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

ALL LOG MILES AND/OR LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CAN VARY AS APPROVED BY ENGINEER

	THITIMINIAN CO.	SHAM	7/2	0 N I	ON NER IBER 10157	M 6 . CV Z
		6	DAT	E P	REPA	0
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			BR	IDG	ie r	ıc
	DESCRIPTION					
	DATE					
	I HIGHWAYS AND TRANSPORTATION	COMMISSION		FOQ4		

NOT TO SCALE

REVISED: 4/18/2023

SHANNON M. KELLNER

PE-2011015763

6/26/2024

HENRY

JSR0029

CONTRACT ID.

BRIDGE NO

MO

SHEET NO

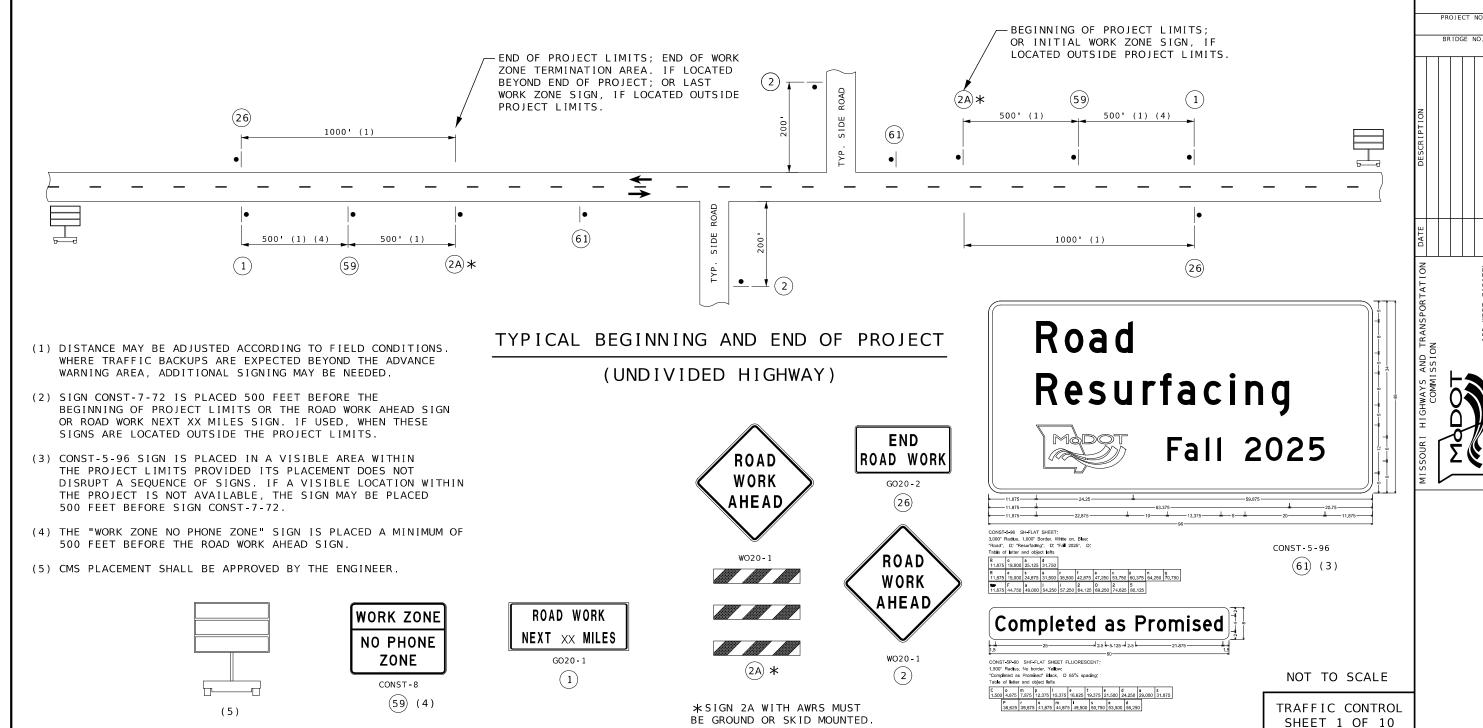
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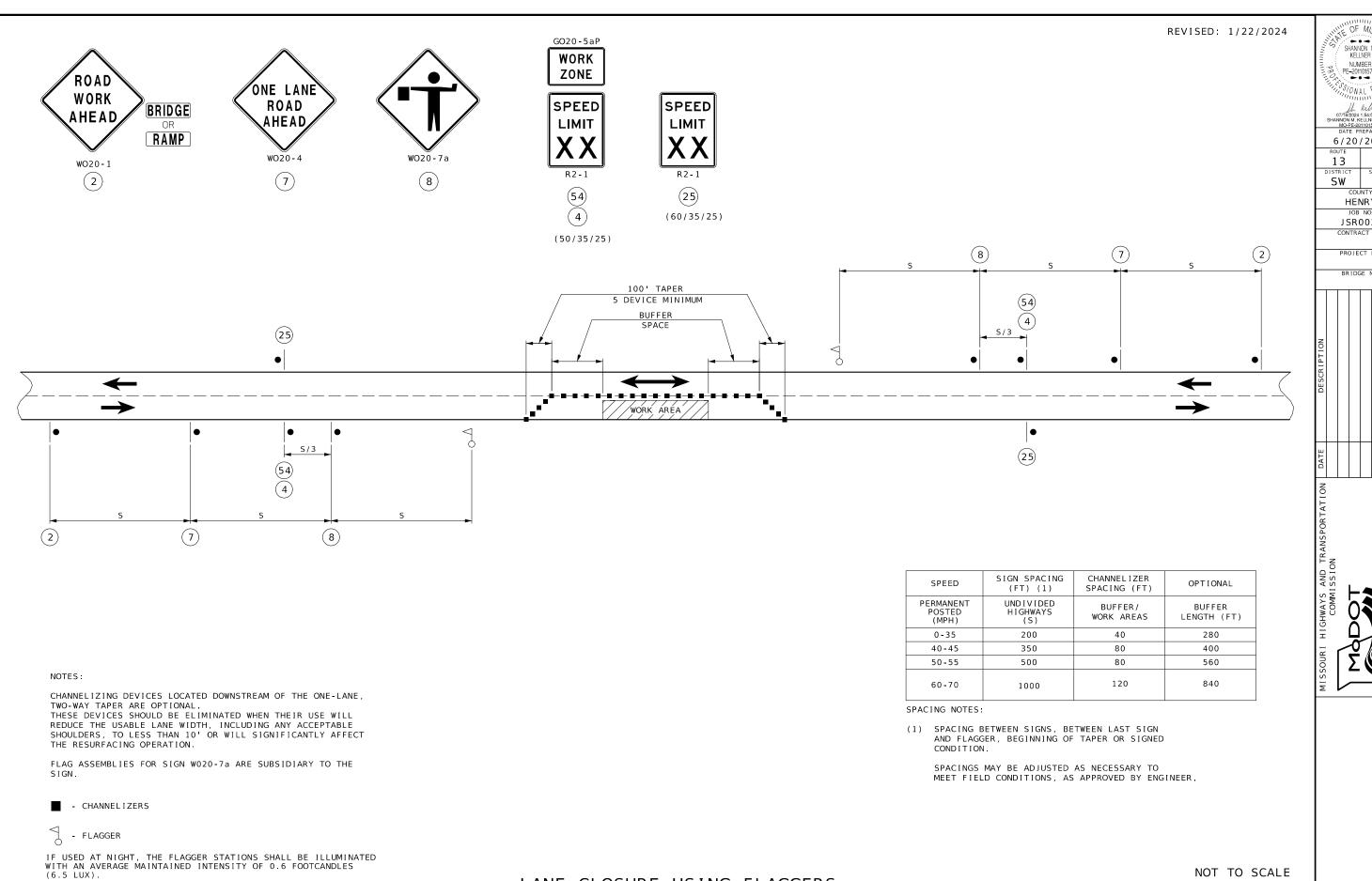
13

 SW

SONAL

- 1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED
- 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.
- 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.
- REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
- 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.
- 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.
- ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER. 11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE
- DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
- 12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
- 13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER
- 14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.





LANE CLOSURE USING FLAGGERS

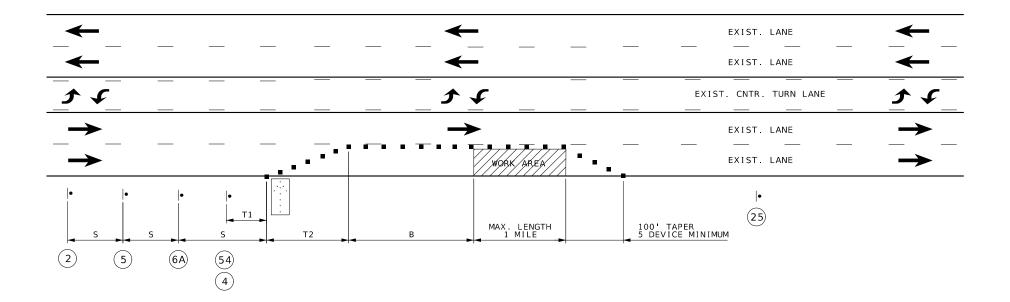
(UNDIVIDED HIGHWAY)

SHANNON M. KELLNER NUMBER PE-2011015763 SSONAL EN 6/20/2024 MO SHEET NO 6 **HENRY** JSR0029 CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL

SHEET 2 OF 10

OUTSIDE LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









GO20-5aP

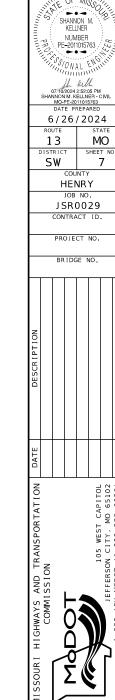




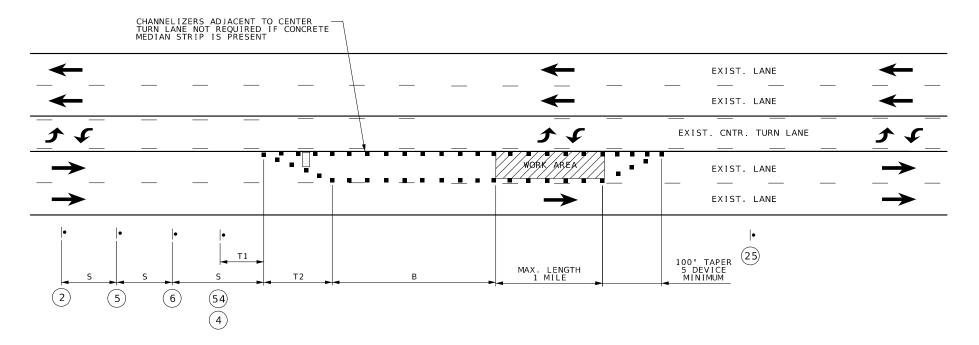
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL SHEET 3 OF 10



PASSING LANE CLOSURE



SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.











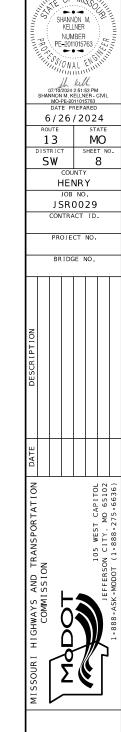
GO20-5aP WORK

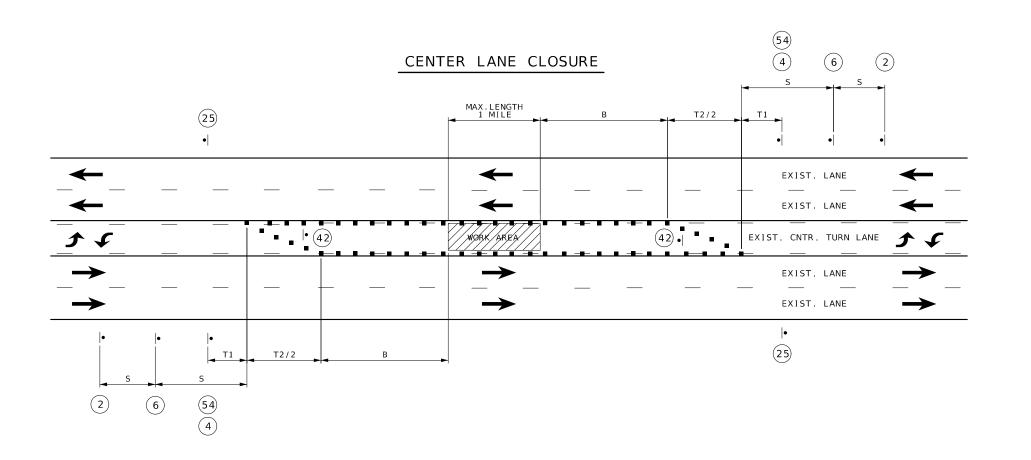


(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 10





SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	280	35	40
40-45	350	150	540	400	40	80
50-55	500	185	660	560	50	80
60-70	1000	235	840	840	60	120

NOTES

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

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

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

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

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

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE 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 JOB SPECIAL PROVISIONS

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.









WORK ZONE

SPEED

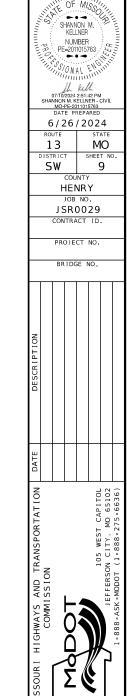
LIMIT

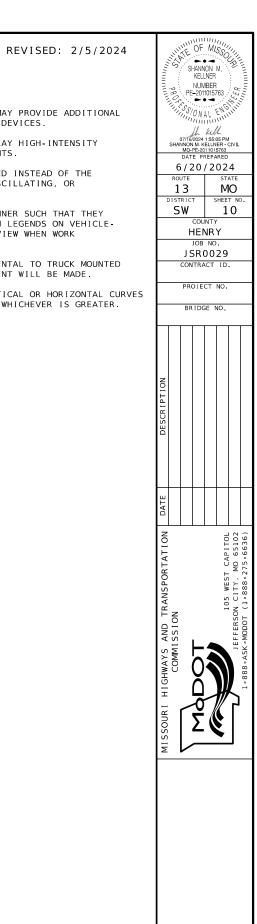


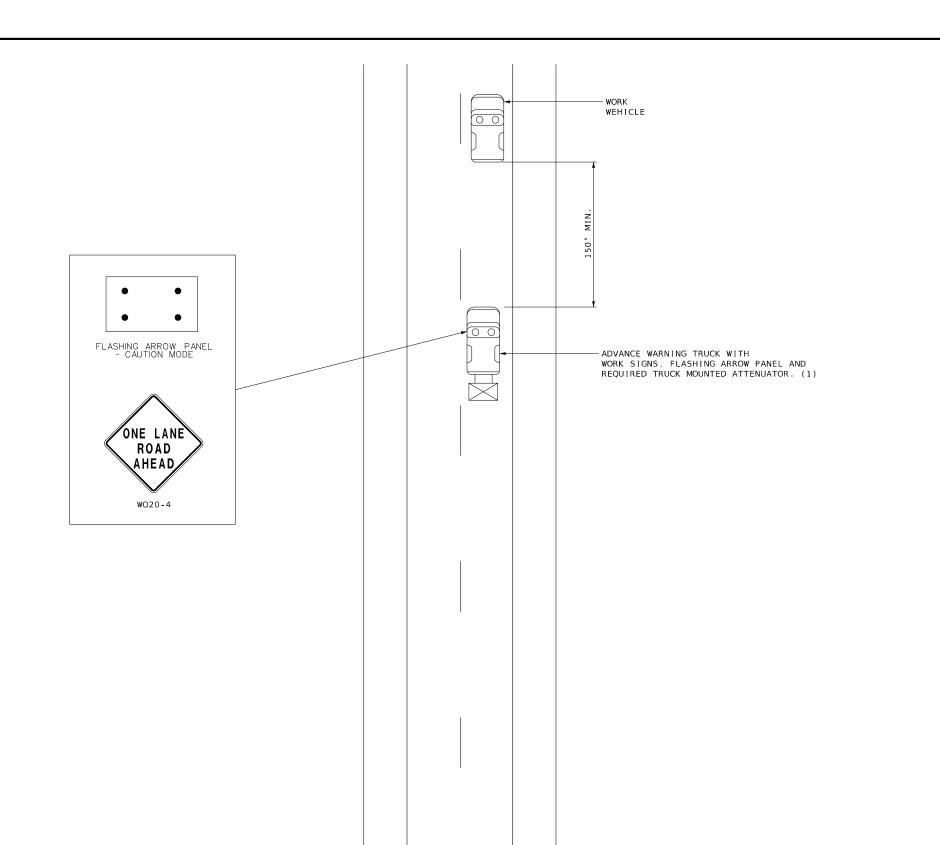
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL SHEET 5 OF 10







MOBILE ON TWO-LANE HIGHWAY

NOTES:

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

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

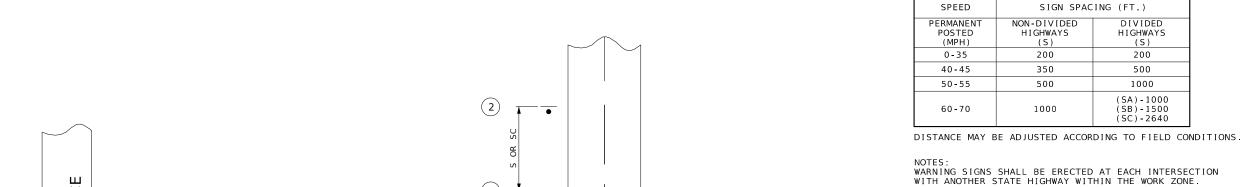
(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

TRAFFIC CONTROL SHEET 6 OF 10

REVISED: 1/22/2024

SIDE ROADS ENTERING WORK ZONES



IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

24 X 18 (60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10

PILOT CAR IN USE WAIT & FOLLOW

SHANNON M. KELLNER

6/20/2024

HENRY

JSR0029 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MO

SHEET NO

11

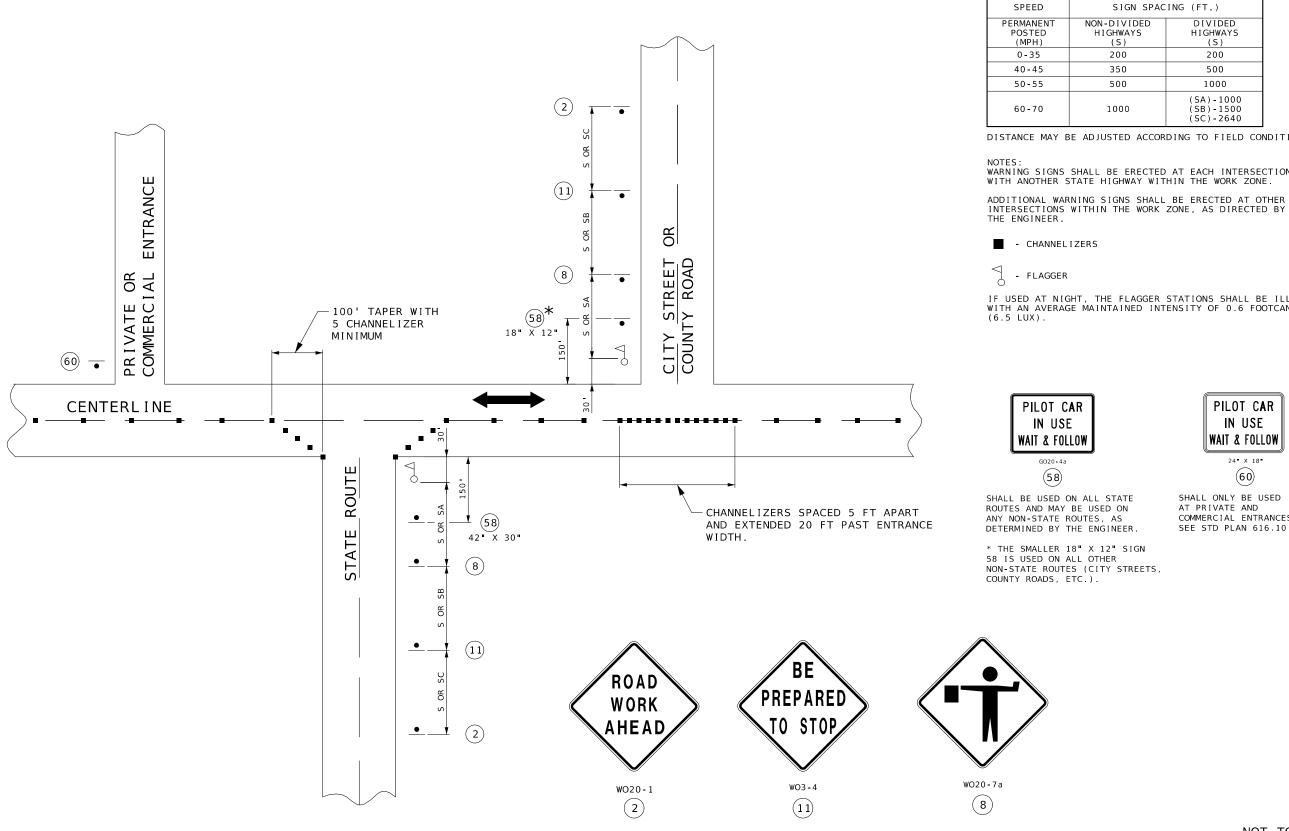
PE-2011UN. NUMBER PE-2011015763

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SW

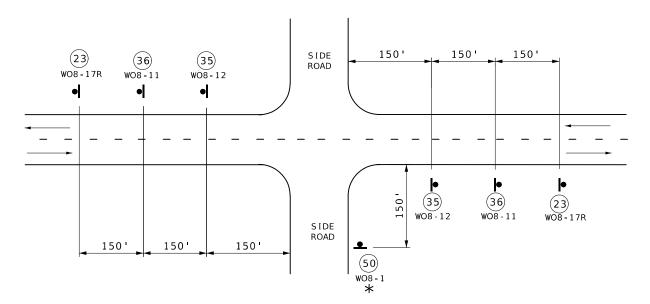
NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 10



SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGHS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT SIDE ROAD INTERSECTIONS

★ BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10. UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4. REVISED: 4/25/2023





SHOULDER DROP-OFF

WO8 - 17R WO8 - 17p







GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE STD. 620.10, SHEET $1\ \text{OF}\ 5$.

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.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL SHEET 8 OF 10

SHANNON M. KELLNER NUMBER PE-2011015763 07/16/2024 1:55:28 PM HANNON M. KELLNER - CIVIL MO-PE-2011015763 DATE PREPARED 6/20/2024 13 MO SW 12 **HENRY** JSR0029 CONTRACT ID. PROJECT NO BRIDGE NO.

ISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

COMMISSION

105 WEST CAPITOL

LEFERSON CITY, MO 65102

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

PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY

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

MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

- ARROW BOARD ARE 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.

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

ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-

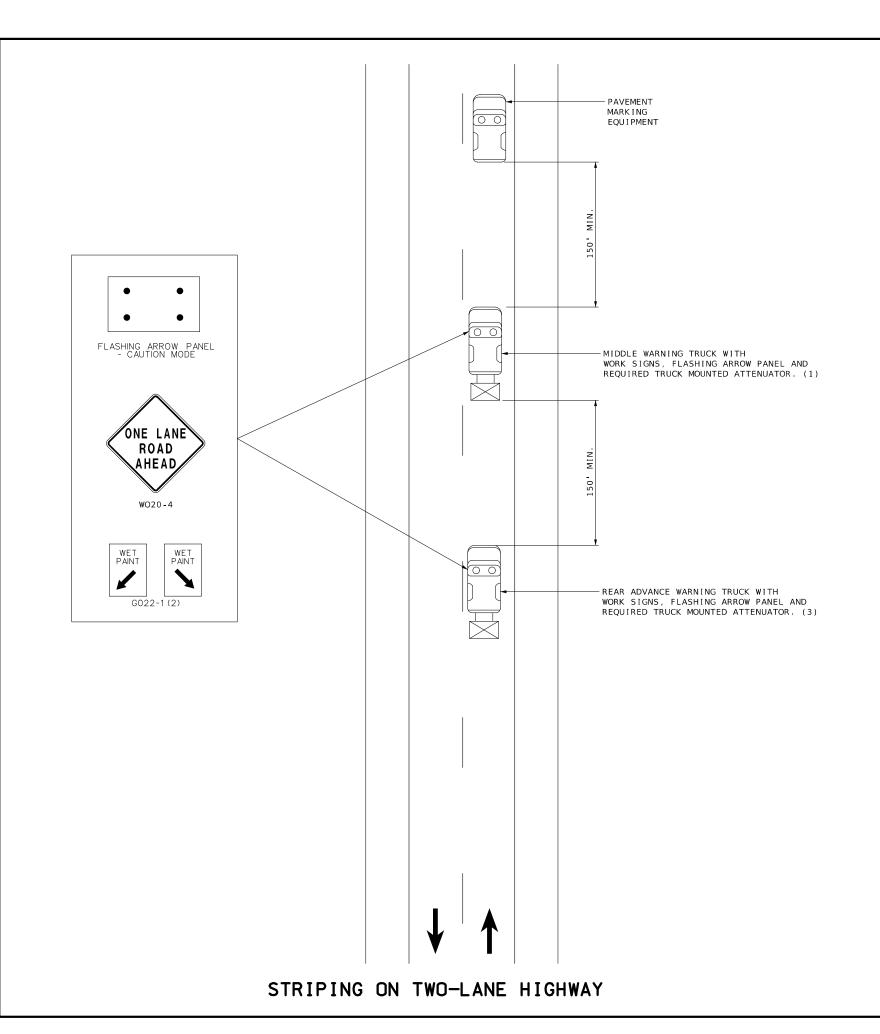
FLASHING ARROW PANELS AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED

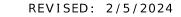
- (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND
- (3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

SHANNON M. KELLNER NUMBER PE-2011015763 PE-20. 6/20/2024 13 MO SHEET NO SW 13 **HENRY** JSR0029 CONTRACT ID. PROJECT NO. BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 10





NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY

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

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

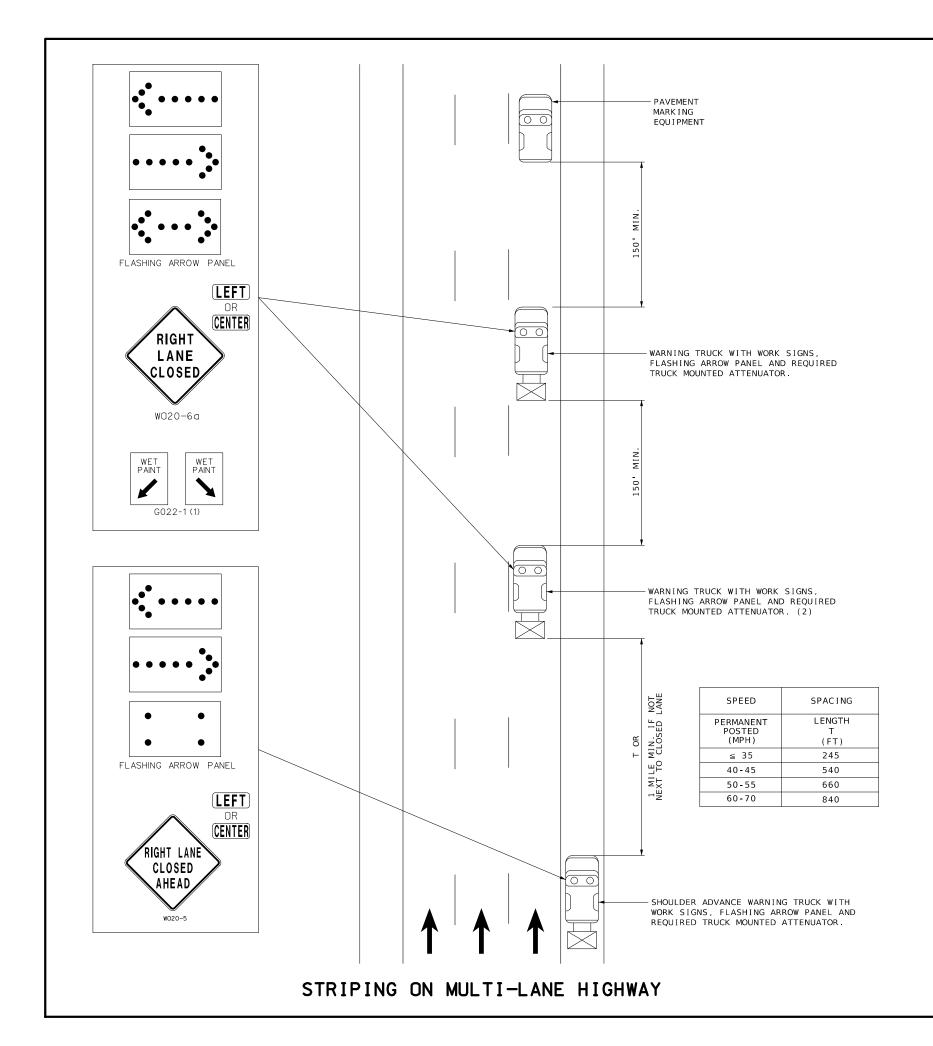
FLASHING ARROW PANELS AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

- OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

SHANNON M. KELLNER NUMBER PE-2011015763 ISSIONAL ENG 6/20/2024 13 MO SHEET NO SW 14 **HENRY** JSR0029 CONTRACT ID. PROJECT NO. BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 10 OF 10



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SHANNON M.

KELINER
NUMBER
PE-2011015763

DATE PREPARED
6/20/2024

ROUTE STATE
13 MO
DISTRICT SHEET NO.
SW 16

COUNTY
HENRY
JOB NO.
J SR0029
CONTRACT ID.

PROJECT NO.

BRIDGE NO.