

**DESIGN DESIGNATION**

A.A.D.T. - 2022 = XXXX  
 A.A.D.T. - 2032 = XXXX  
 D.H.V. = XXXX  
 T = XXXX  
 V = 35 M.P.H.  
 D = XXXX  
 FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

**RIGHT OF WAY ACQUISITION NOT REQUIRED FOR THIS PROJECT**

**CONVENTIONAL SYMBOLS**

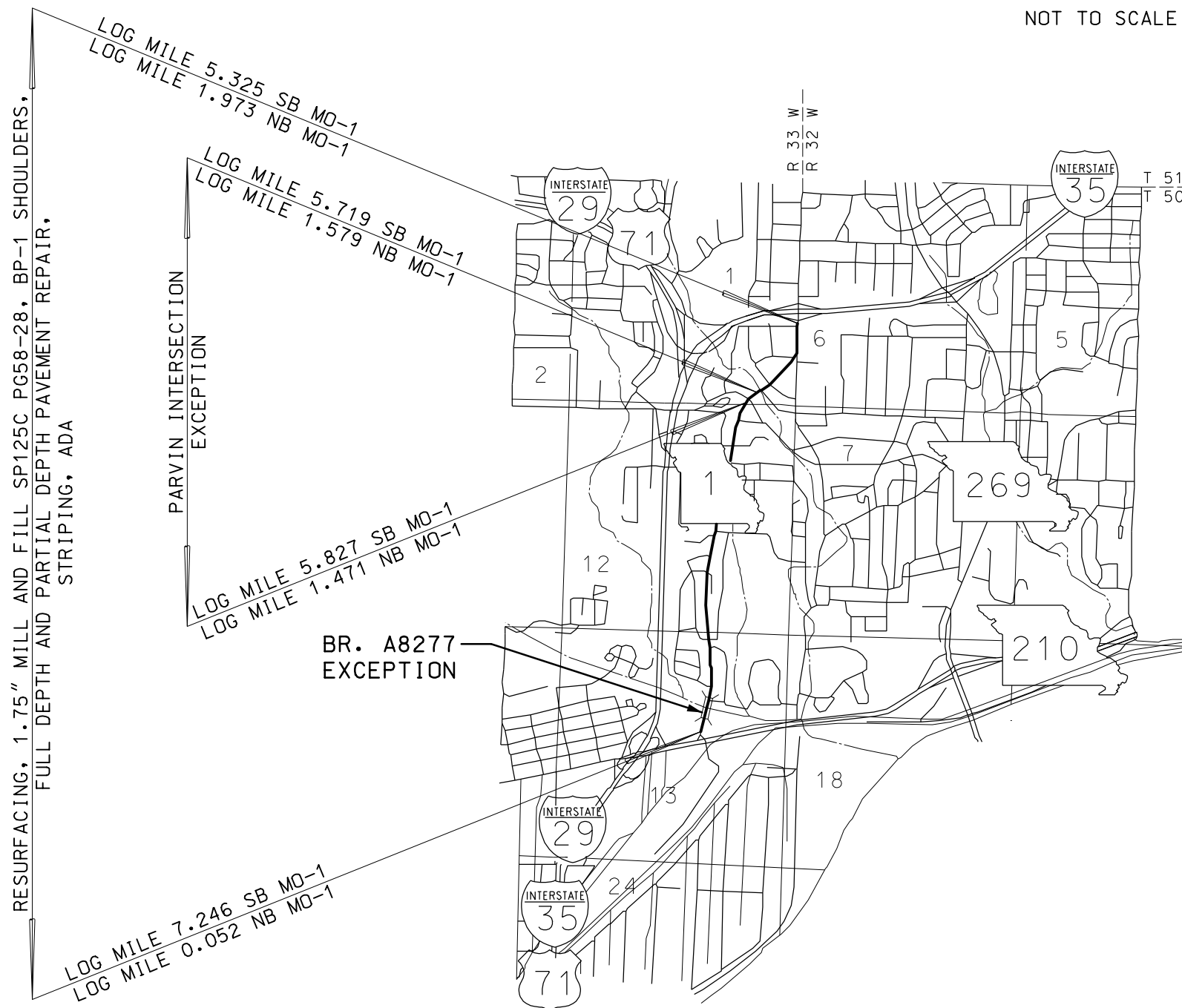
(USED IN PLANS)

	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  
 PRELIMINARY PLANS  
 STATE HIGHWAY  
 CLAY COUNTY

NOT TO SCALE



**INDEX OF SHEETS**

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (17 SHEETS)---	2
QUANTITIES (QU) (5 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-17
TRAFFIC CONTROL SHEETS (TC)-----	18-28
EROSION CONTROL SHEETS (EC)-----	29

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DATE	DESCRIPTION

**LENGTH OF PROJECT**

BEGINNING OF PROJECT	LOG 5.325 SB
END OF PROJECT	LOG 7.246 SB
APPARENT LENGTH	10,142.88 FEET

EQUATIONS AND EXCEPTIONS:

PARVIN INTERSECTION	
LOG 5.719 TO LOG 5.827 SB	570.24 FEET
BR. A8277	
LOG 7.165 TO LOG 7.181 SB	84.48 FEET

TOTAL CORRECTIONS	654.72 FEET
NET LENGTH OF PROJECT	9,488.16 FEET
STATE LENGTH	1.797 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	1.7 ACRES

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.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

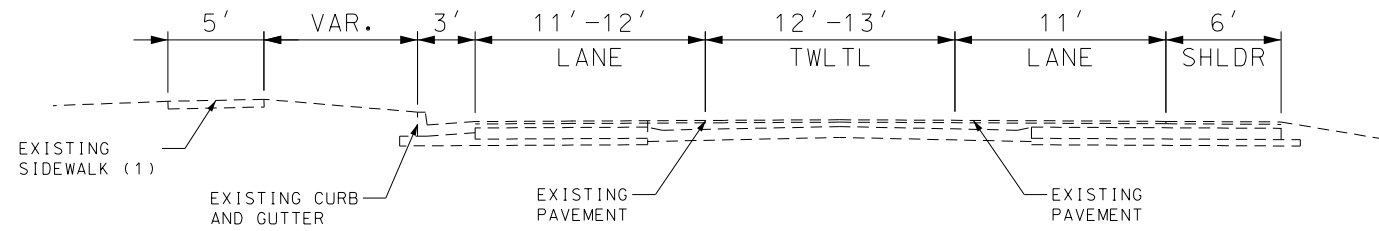
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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



MO-1 NB

MO-1 SB

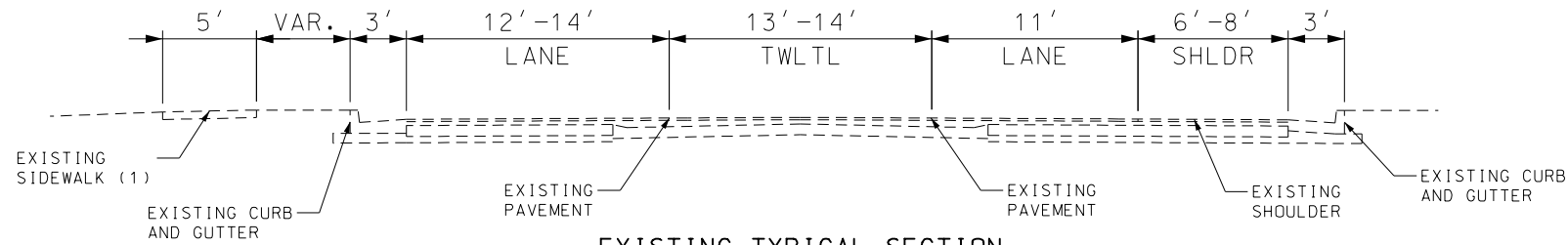


EXISTING TYPICAL SECTION  
LOG MILE 5.382 TO LOG MILE 5.388 SB

NOTE:  
(1) OUTSIDE OF MODOT R/W

MO-1 NB

MO-1 SB



EXISTING TYPICAL SECTION  
LOG MILE 5.366 TO LOG MILE 5.382 SB

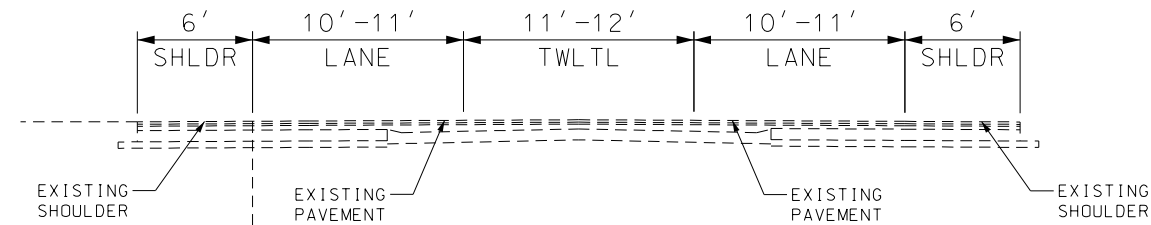
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

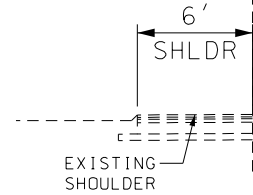
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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

MO-1 NB MO-1 SB



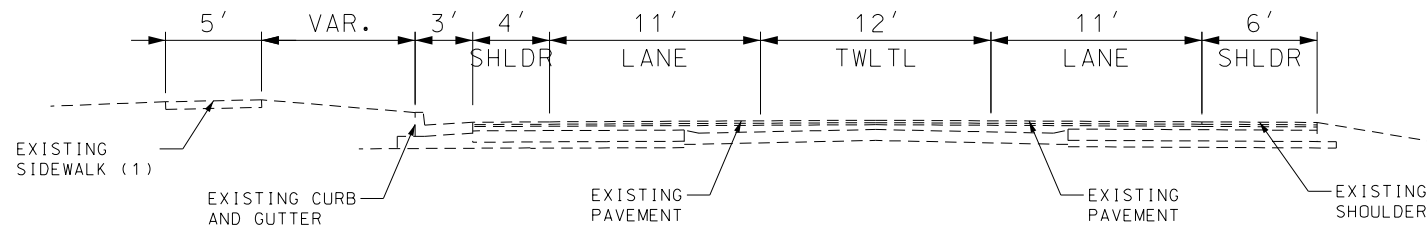
EXISTING TYPICAL SECTION  
LOG MILE 5.400 TO LOG MILE 5.498 SB



LOG MILE 5.445 TO LOG MILE 5.485 SB

NOTE:  
(1) OUTSIDE OF MODOT R/W

MO-1 NB MO-1 SB



EXISTING TYPICAL SECTION  
LOG MILE 5.388 TO LOG MILE 5.400 SB

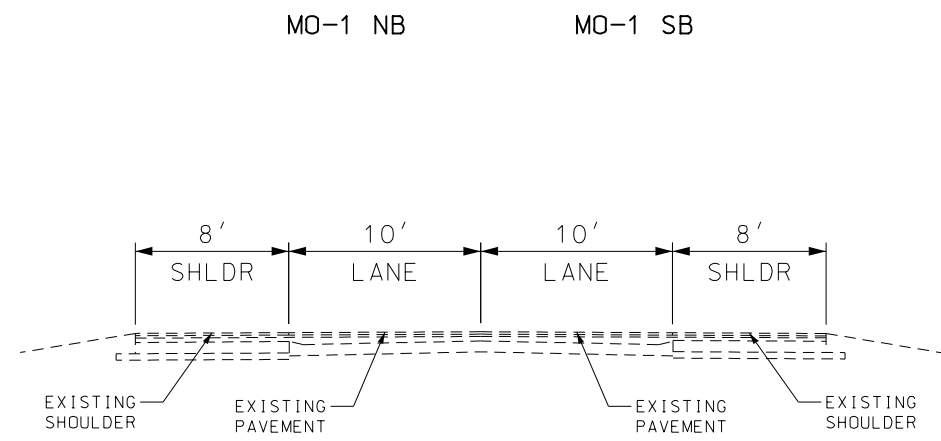
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

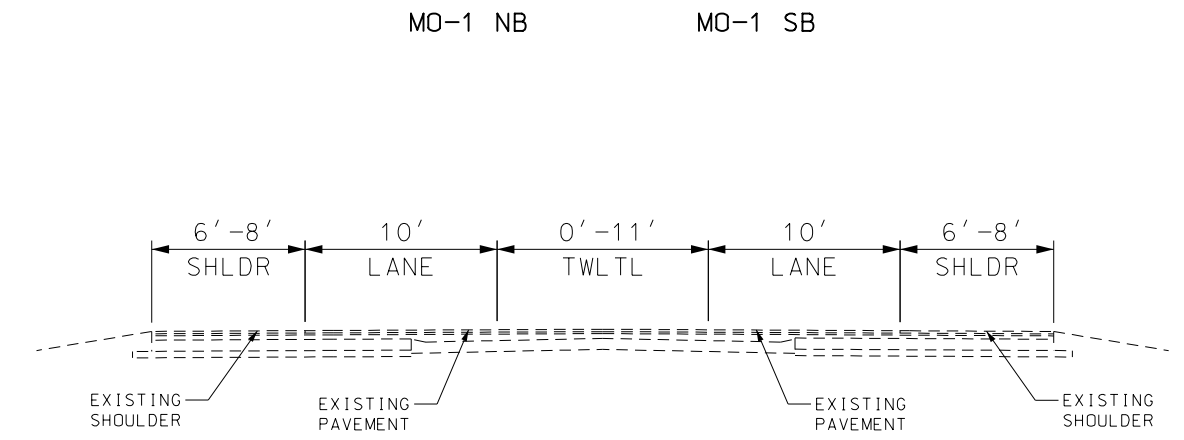
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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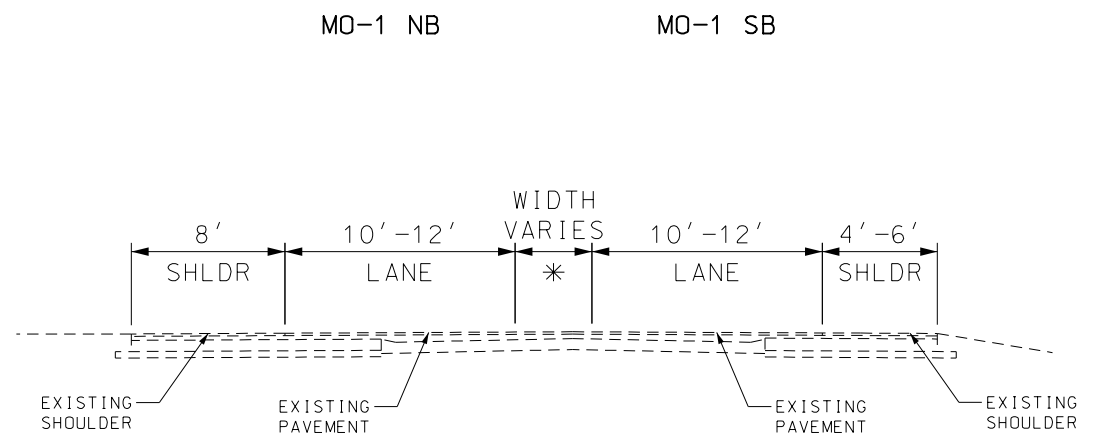
EXISTING TYPICAL SECTION  
LOG MILE 5.550 TO LOG MILE 6.832 SB

NOTE:  
PARVIN INTERSECTION EXCEPTION  
FROM LOG MILE 5.719 TO LOG MILE 5.827 SB

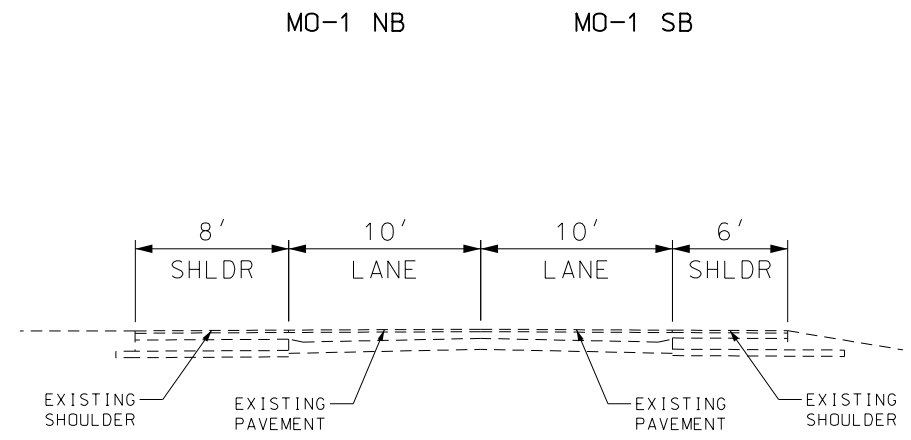


EXISTING TYPICAL SECTION  
LOG MILE 5.498 TO LOG MILE 5.550 SB


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



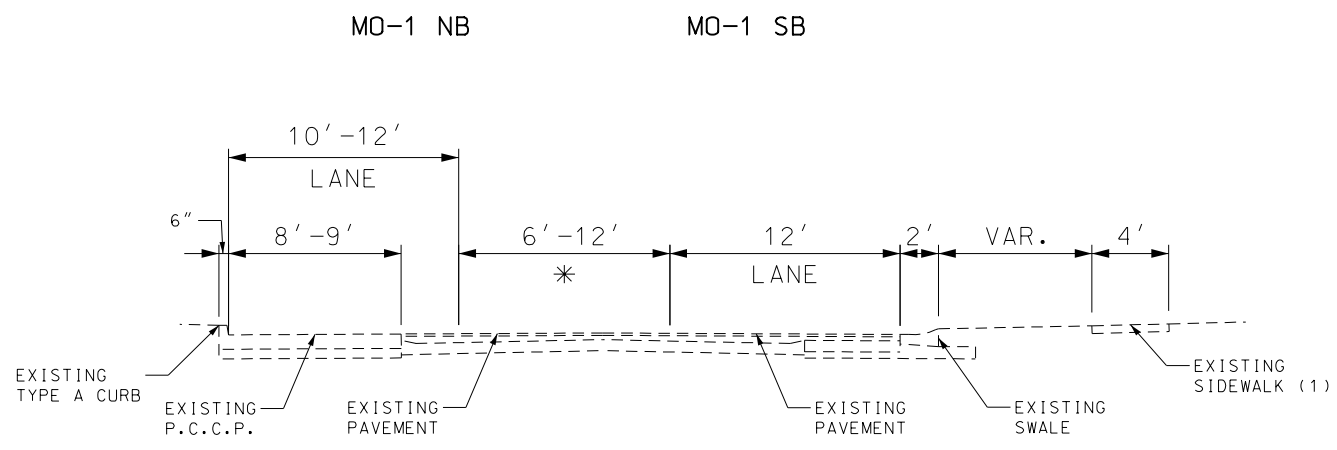
EXISTING TYPICAL SECTION  
 LOG MILE 7.028 TO LOG MILE 7.040 SB  
 \* 0' TO 4' PAINTED MEDIAN



EXISTING TYPICAL SECTION  
 LOG MILE 6.832 TO LOG MILE 7.028 SB

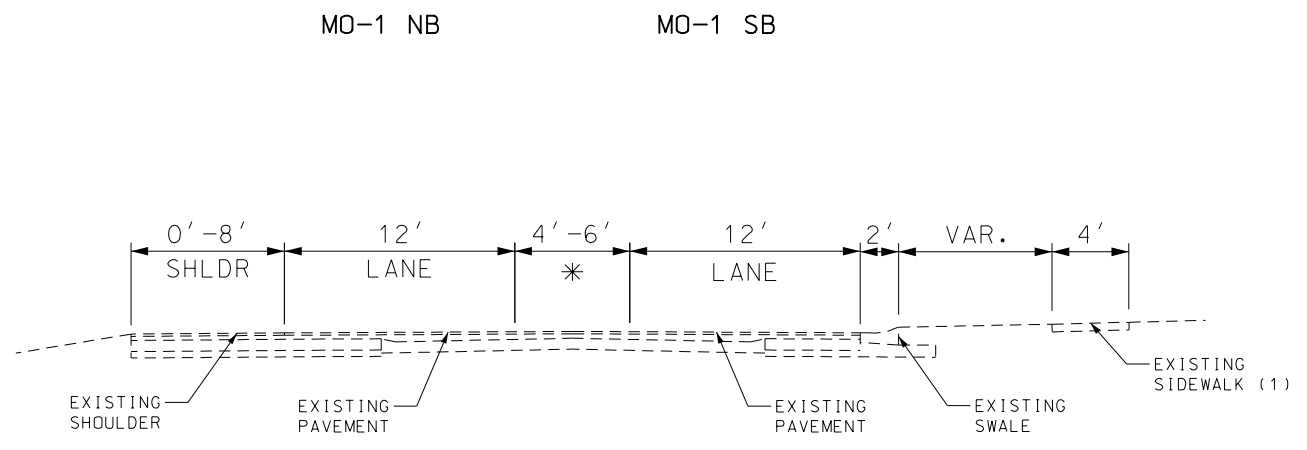
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 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

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



EXISTING TYPICAL SECTION  
 LOG MILE 7.062 TO LOG MILE 7.092 SB  
 \* PAINTED MEDIAN

NOTE:  
 (1) OUTSIDE OF MODOT R/W



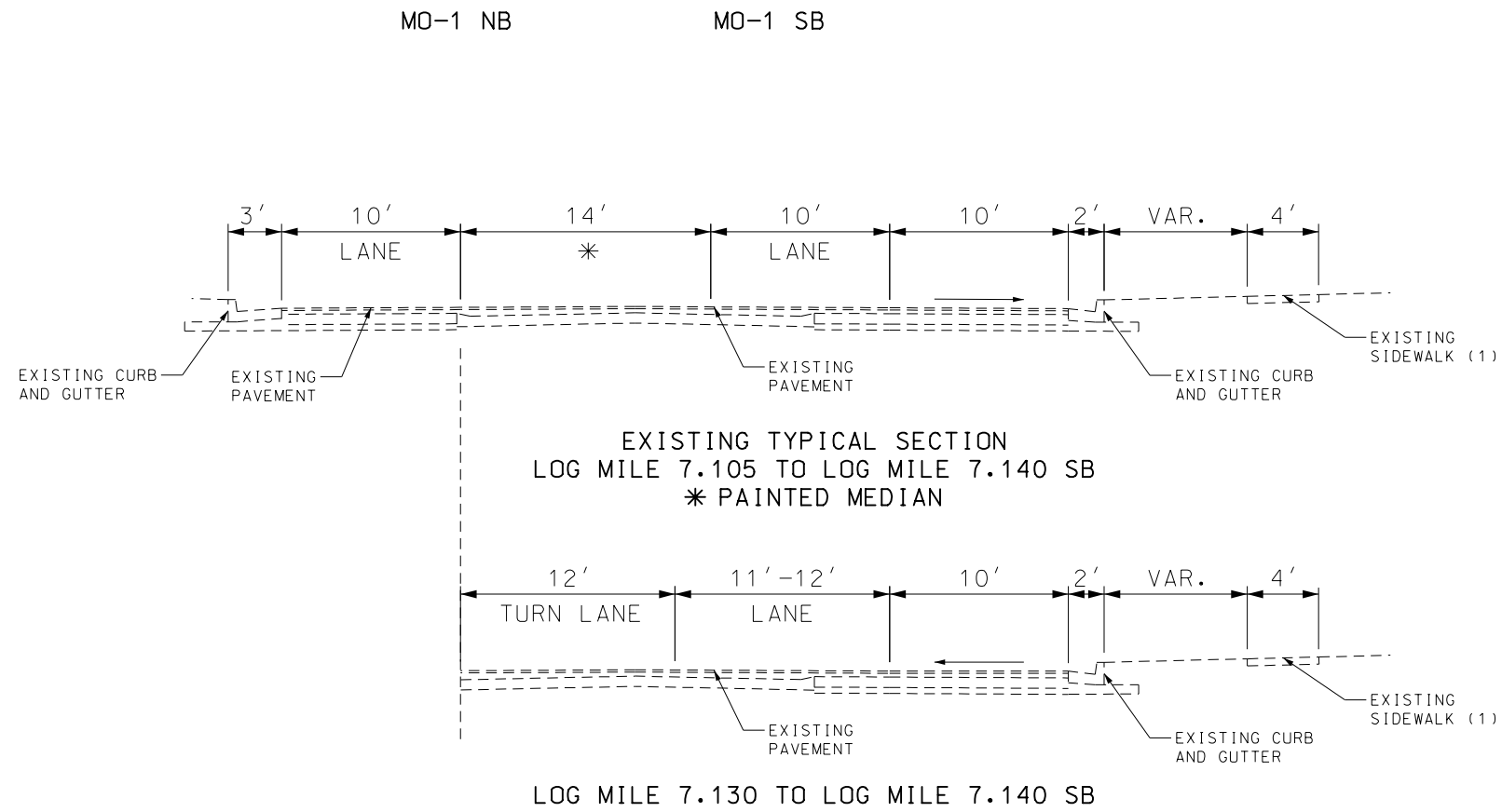
EXISTING TYPICAL SECTION  
 LOG MILE 7.040 TO LOG MILE 7.062 SB  
 \* PAINTED MEDIAN

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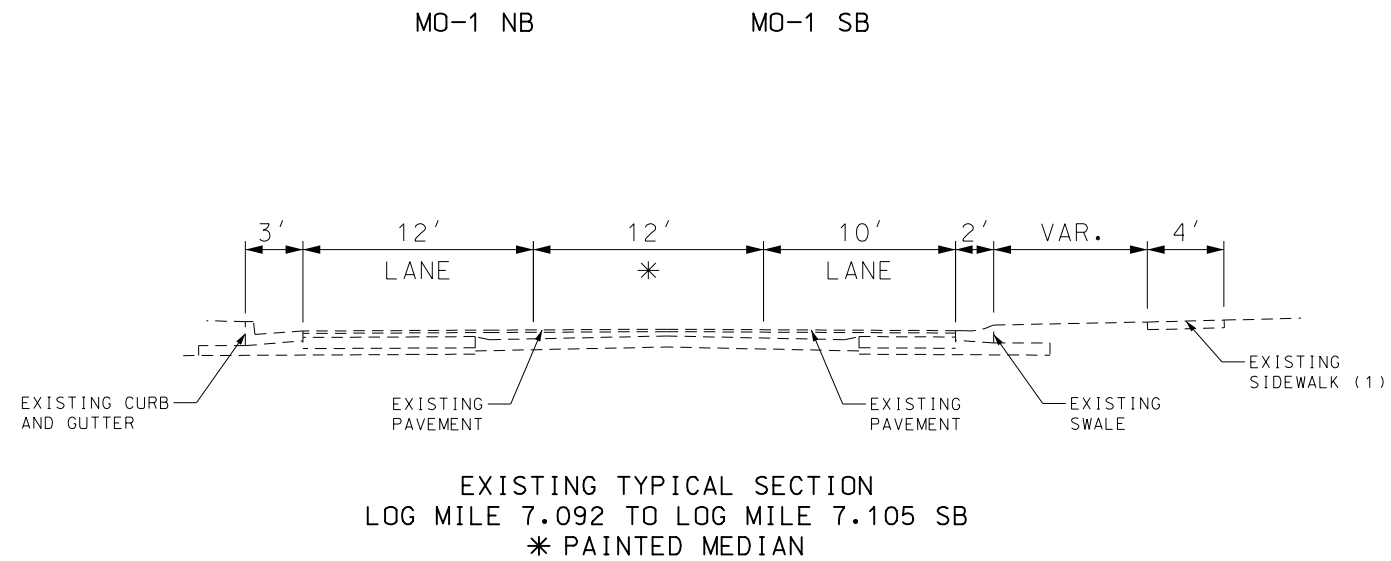
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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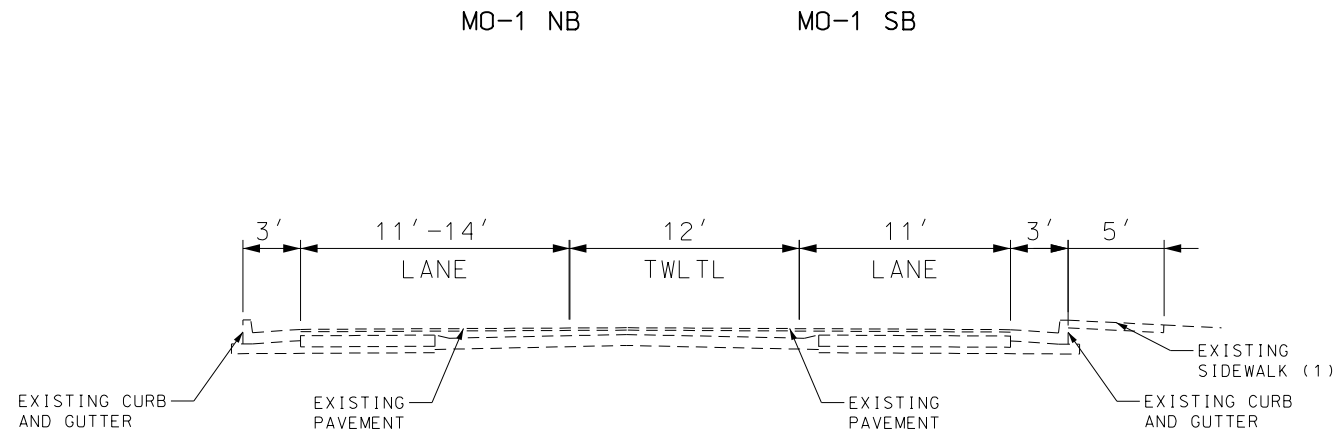
NOTE:  
(1) OUTSIDE OF MODOT R/W



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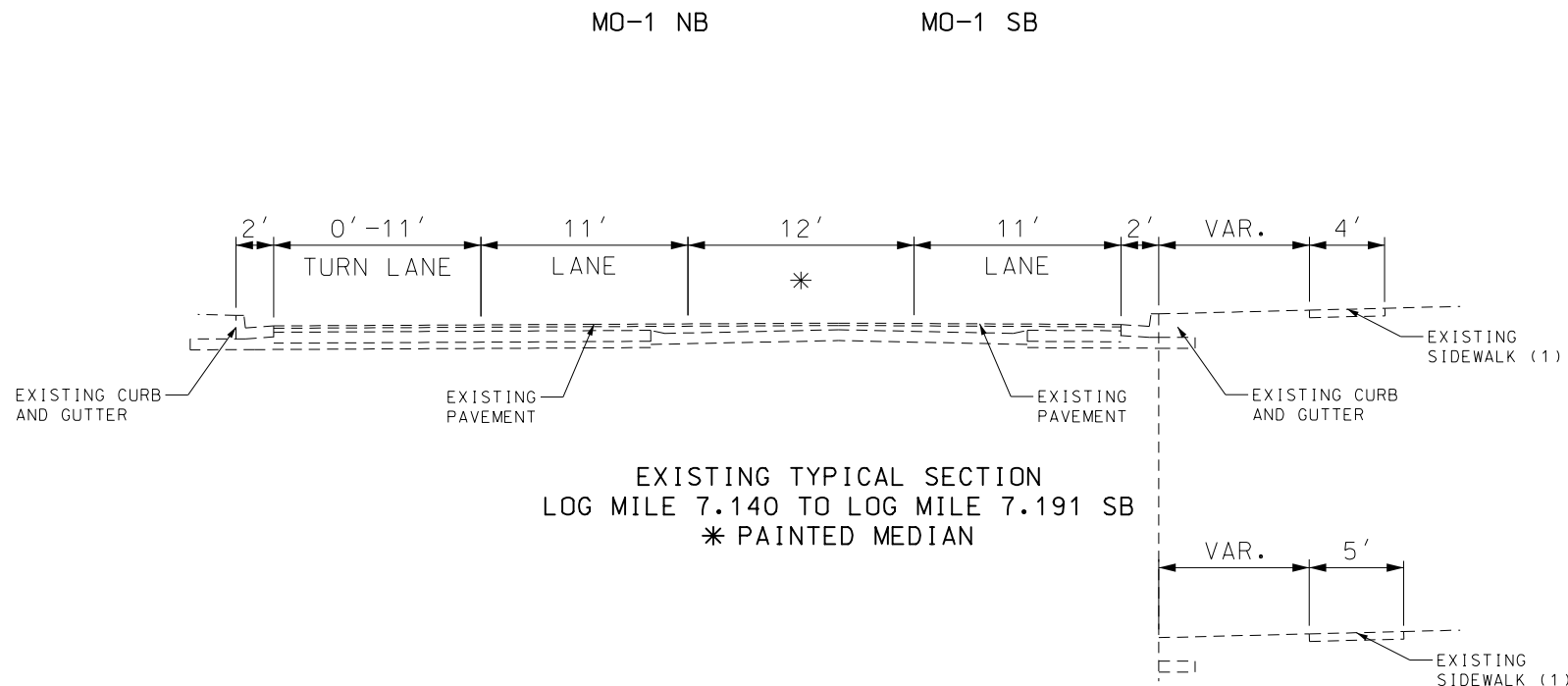
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JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



EXISTING TYPICAL SECTION  
LOG MILE 7.191 TO LOG MILE 7.246 SB

NOTE:  
BRIDGE A8277 EXCEPTION FROM  
LOG MILE 7.165 TO LOG MILE 7.181 SB  
(1) OUTSIDE OF MODOT R/W



EXISTING TYPICAL SECTION  
LOG MILE 7.140 TO LOG MILE 7.191 SB  
\* PAINTED MEDIAN

LOG MILE 7.178 TO LOG MILE 7.191 SB

TYPICAL SECTIONS  
SHEET 8 OF 17

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
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JOB NO. J4S3343	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

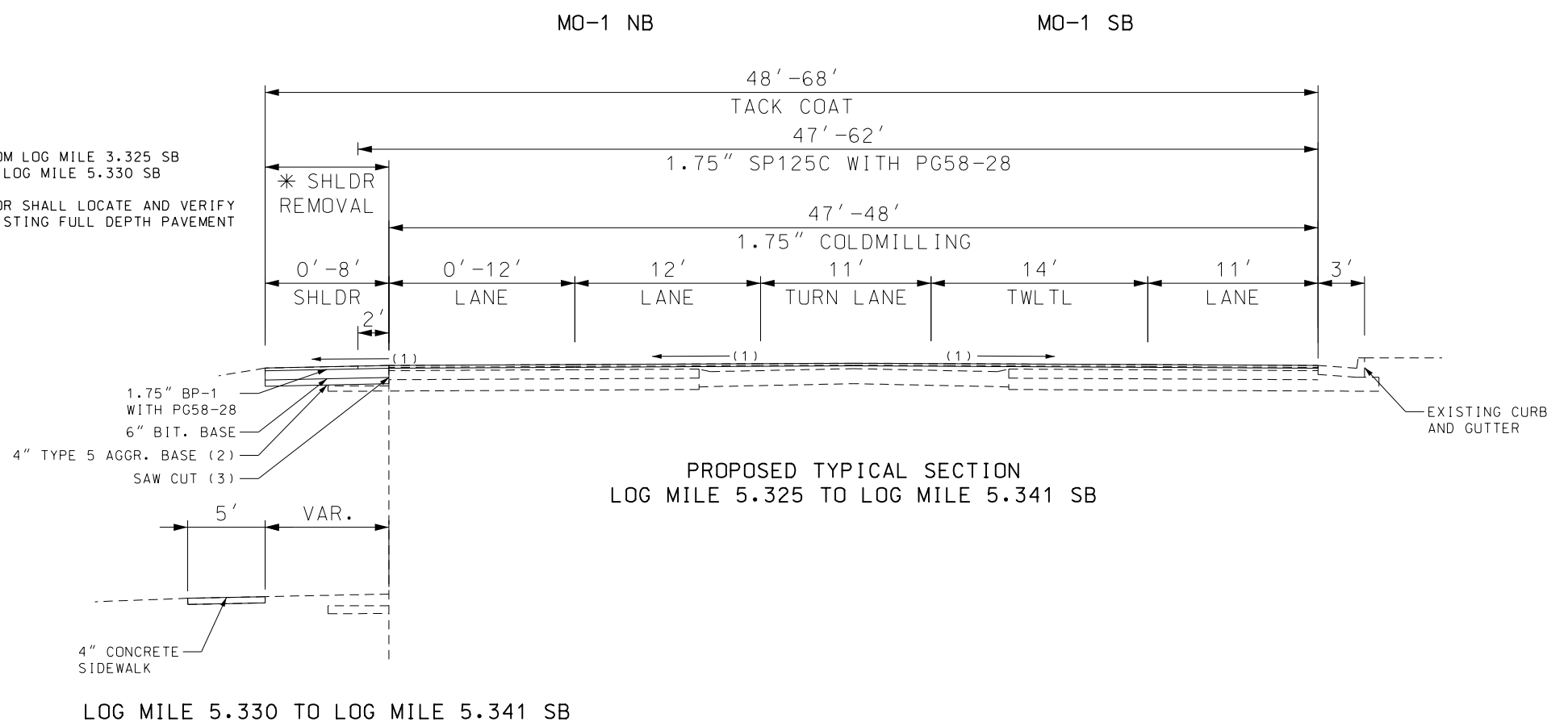
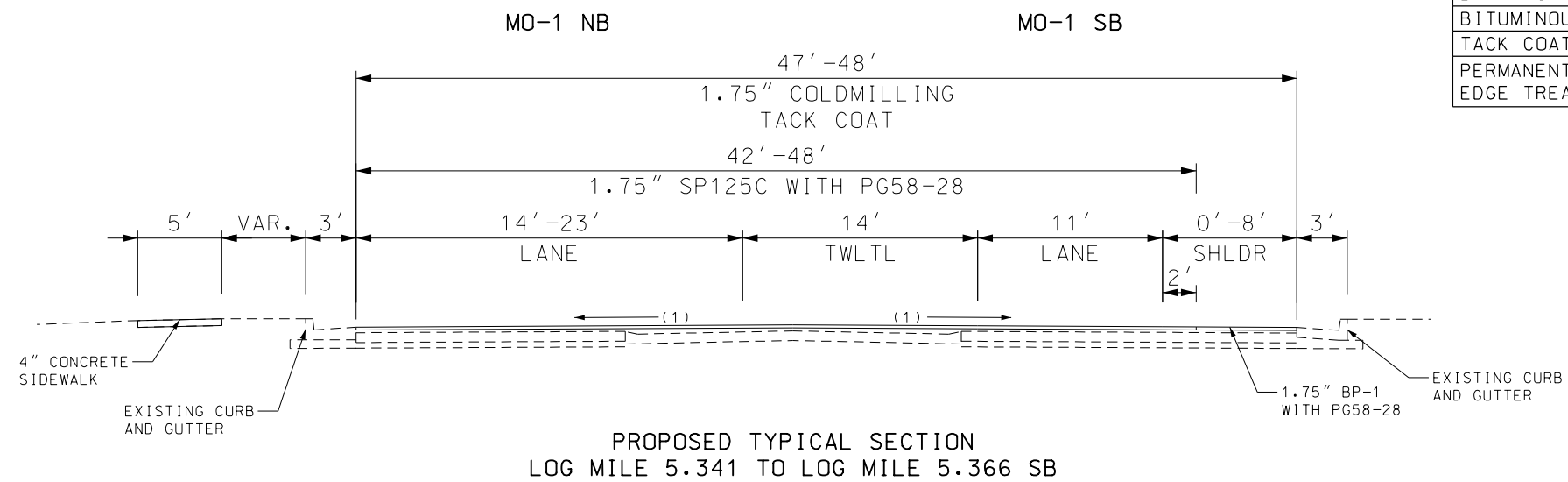
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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JEFFERSON CITY, MO 65102  
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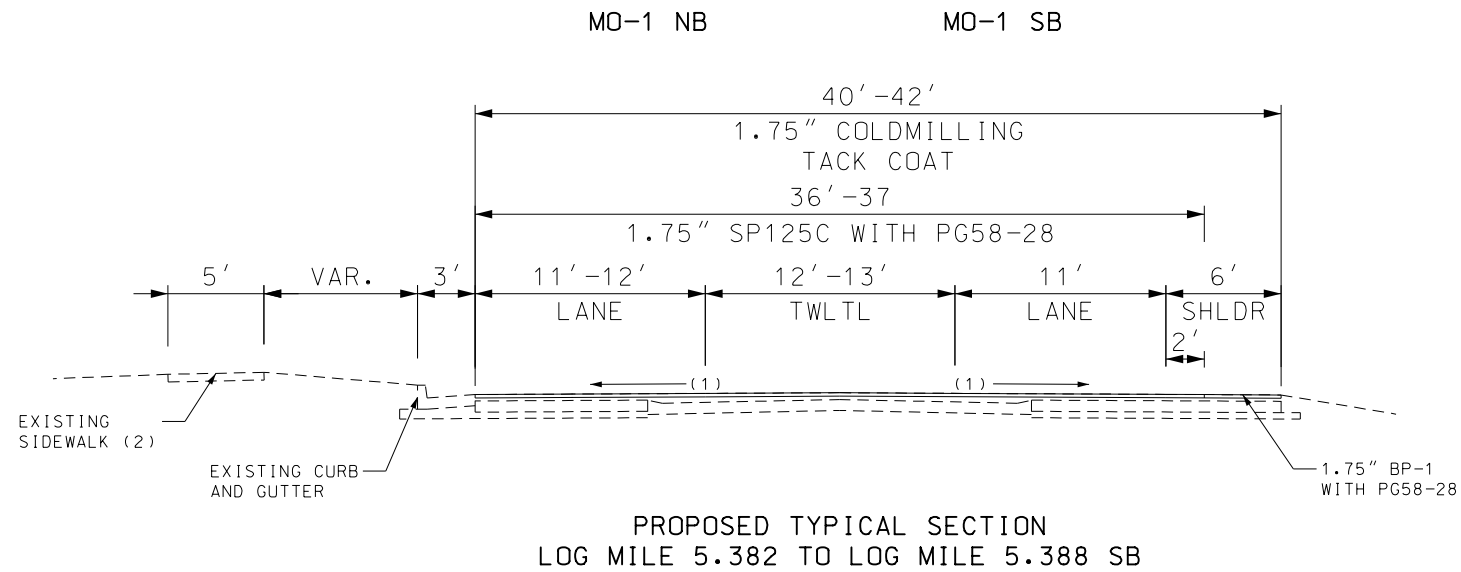
ESTIMATE FACTORS (FOR INFORMATION ONLY)	
SP125C WITH PG58-28	2.003 TON/CY
BP-1 WITH PG58-28	1.993 TON/CY
BITUMINOUS BASE WITH PG64-22	2.006 TON/CY
TACK COAT	0.1 GAL/SY
PERMANENT AGGREGATE EDGE TREATMENT	1.88 TON/CY



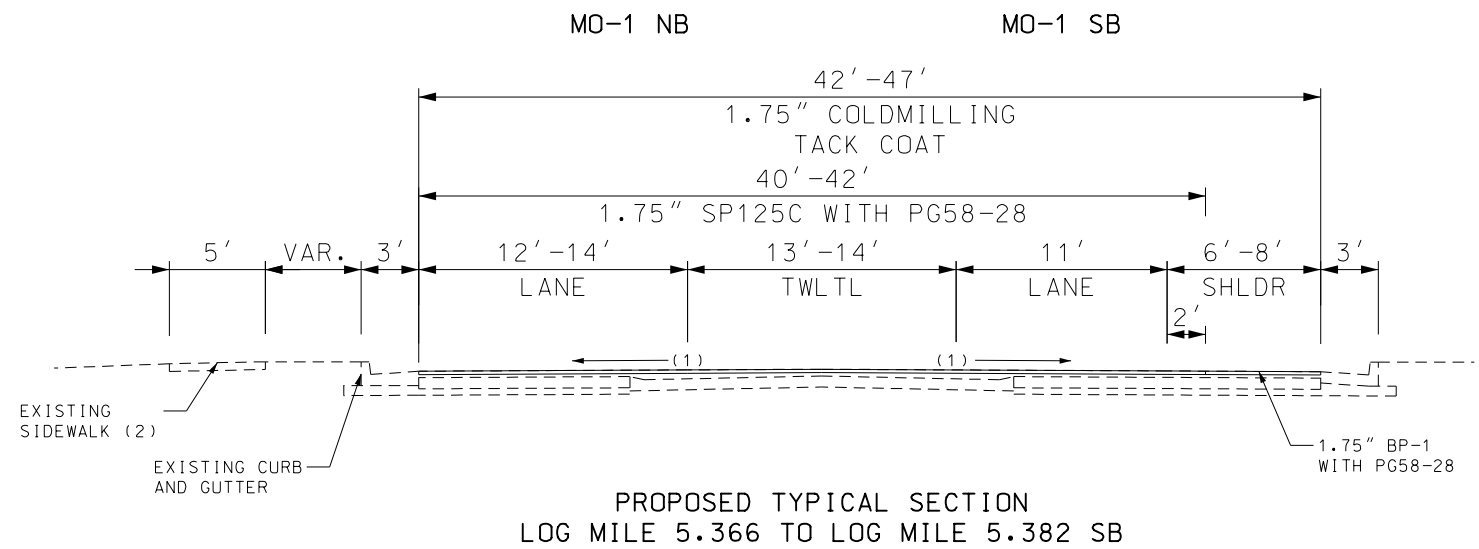
\* FROM LOG MILE 3.325 SB TO LOG MILE 5.330 SB  
\* CONTRACTOR SHALL LOCATE AND VERIFY EDGE OF EXISTING FULL DEPTH PAVEMENT


**NOTE:**  
(1) MATCH EXISTING CROSS SLOPE  
(2) MATCH EXISTING BASE. NO DIRECT PAY  
(3) NO DIRECT PAY

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
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COUNTY CLAY	
JOB NO. J4S3343	
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)	

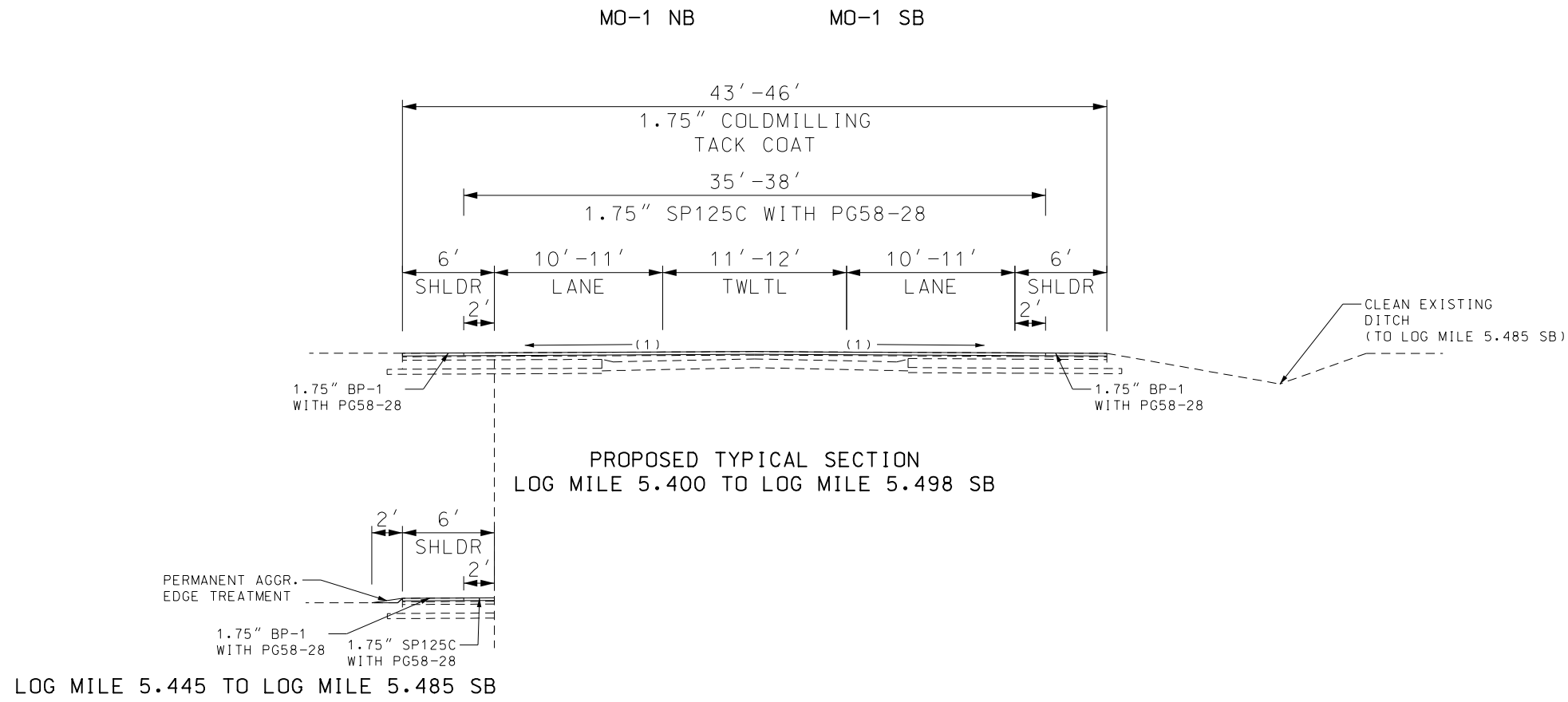


NOTE:  
 (1) MATCH EXISTING CROSS SLOPE  
 (2) OUTSIDE OF MODOT R/W

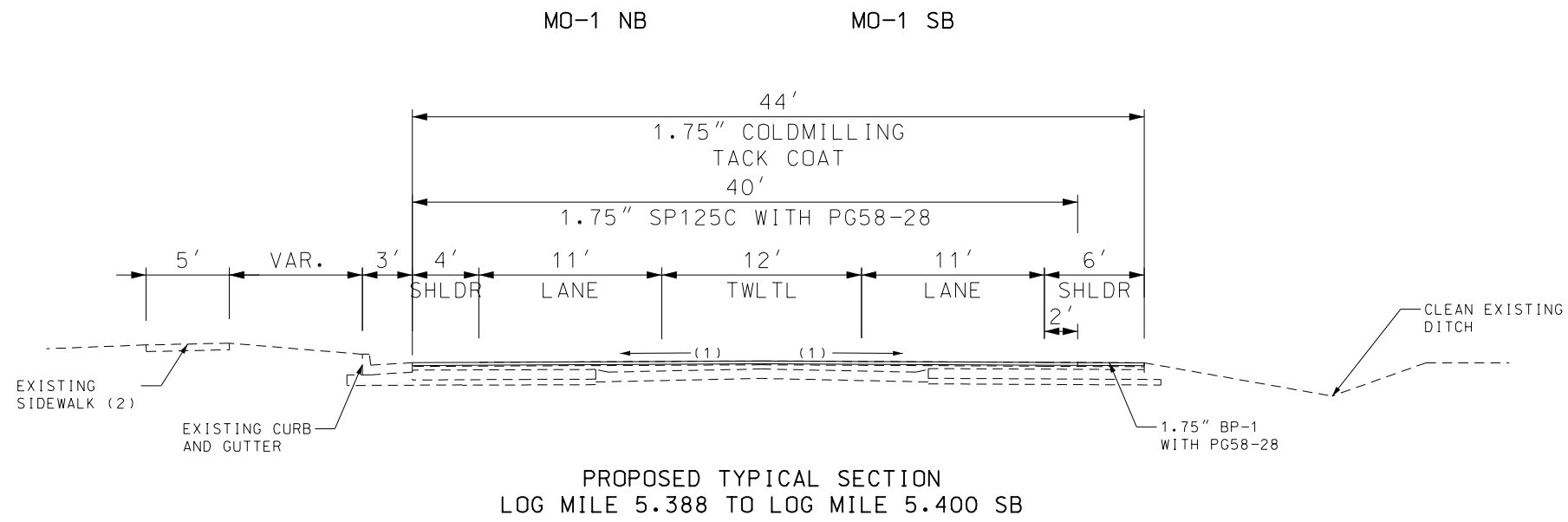


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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

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NOTE:  
 (1) MATCH EXISTING  
 (2) OUTSIDE OF MODOT R/W



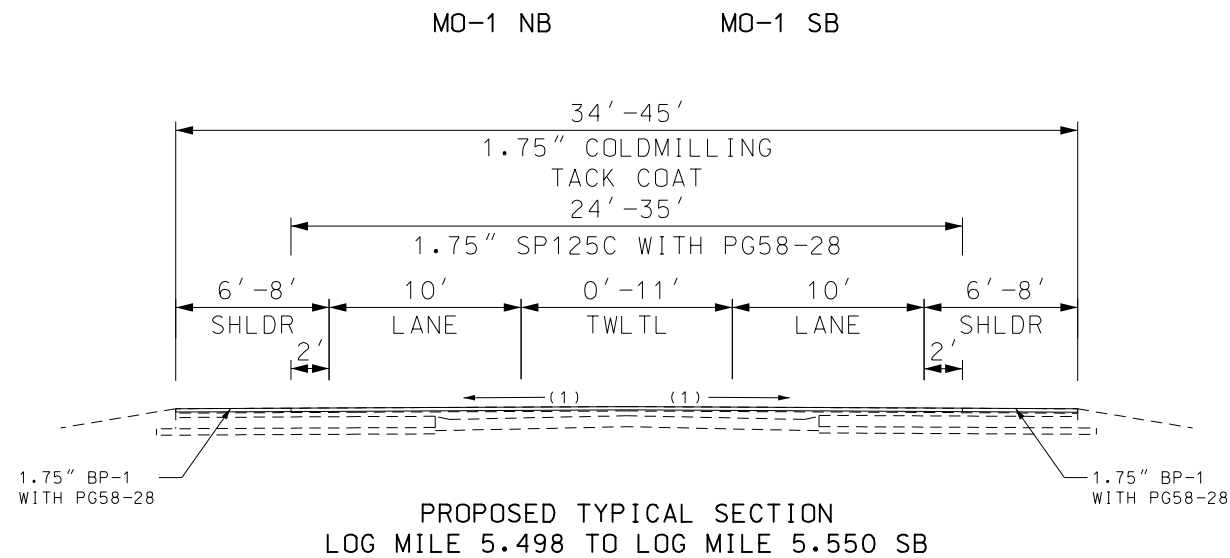
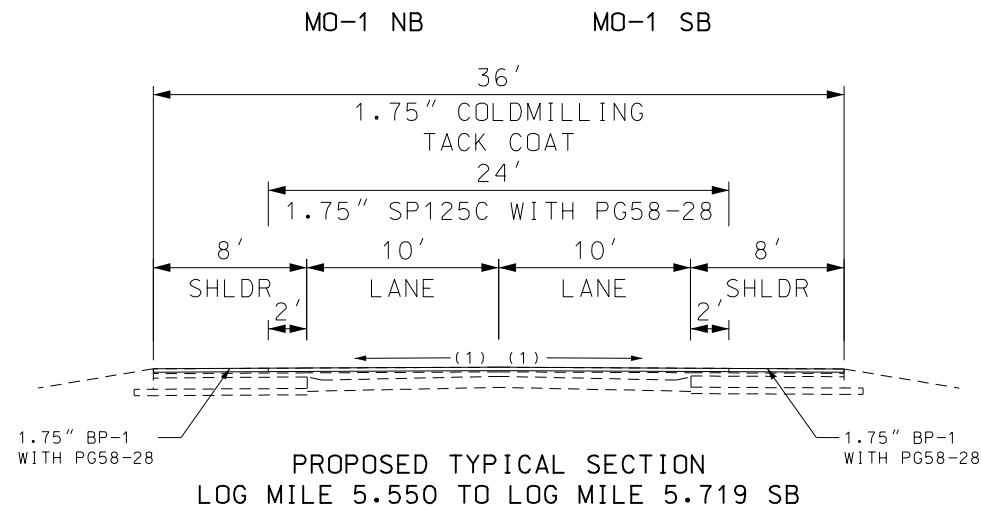
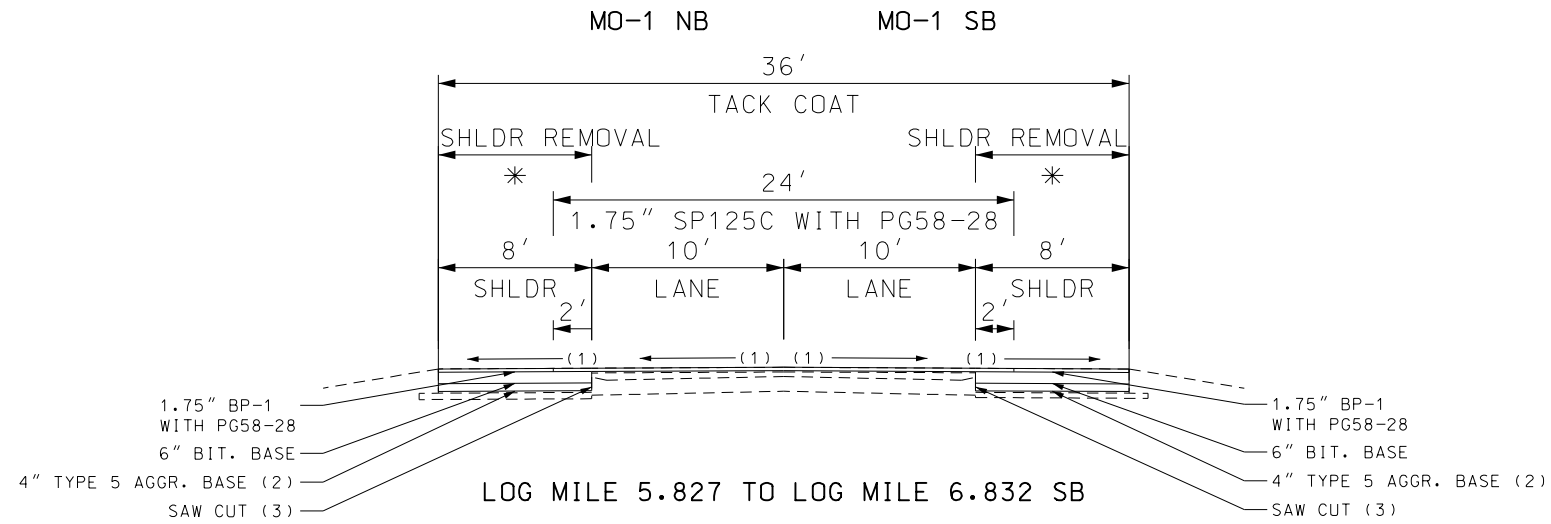
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
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COUNTY CLAY	
JOB NO. J4S3343	
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PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION




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



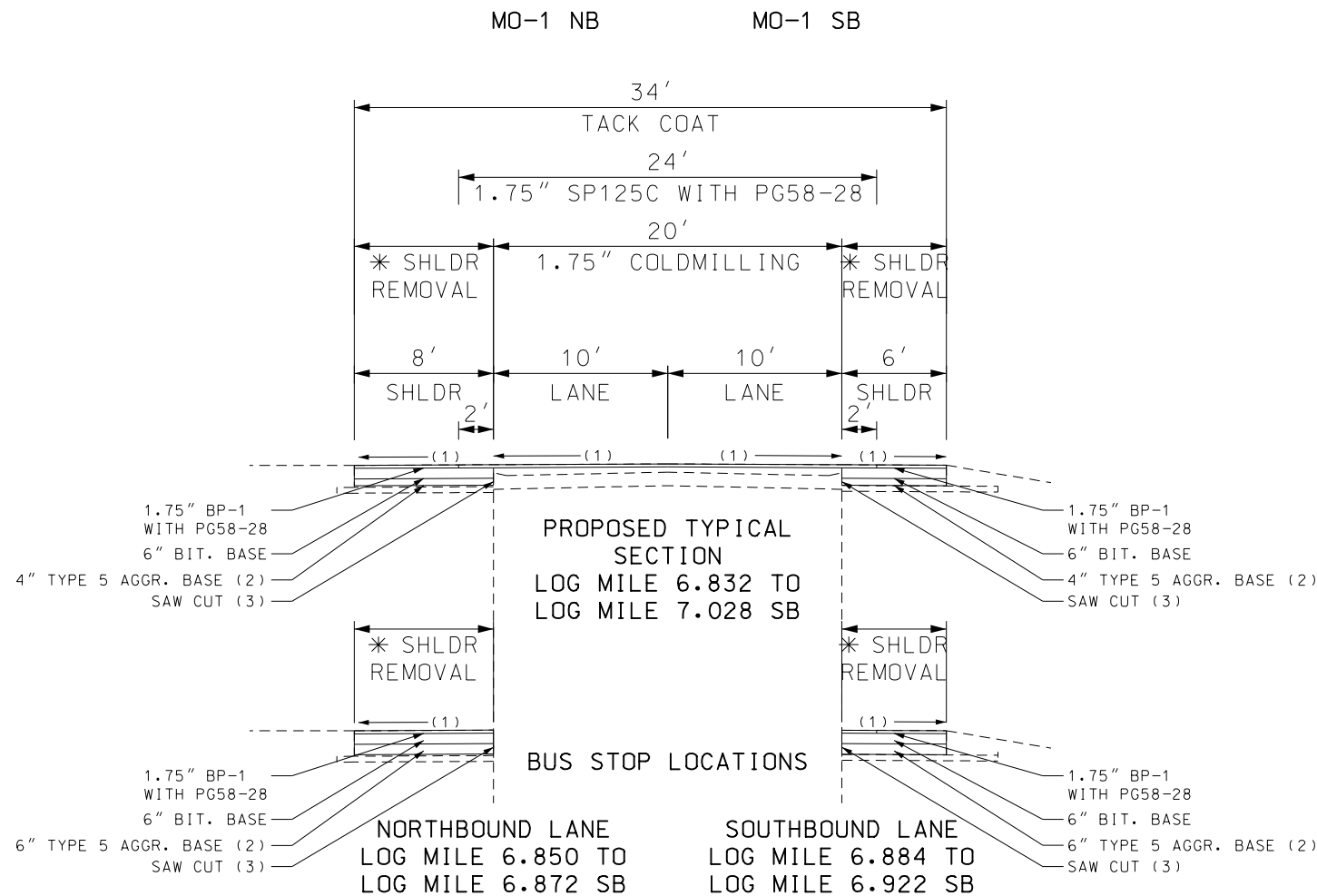
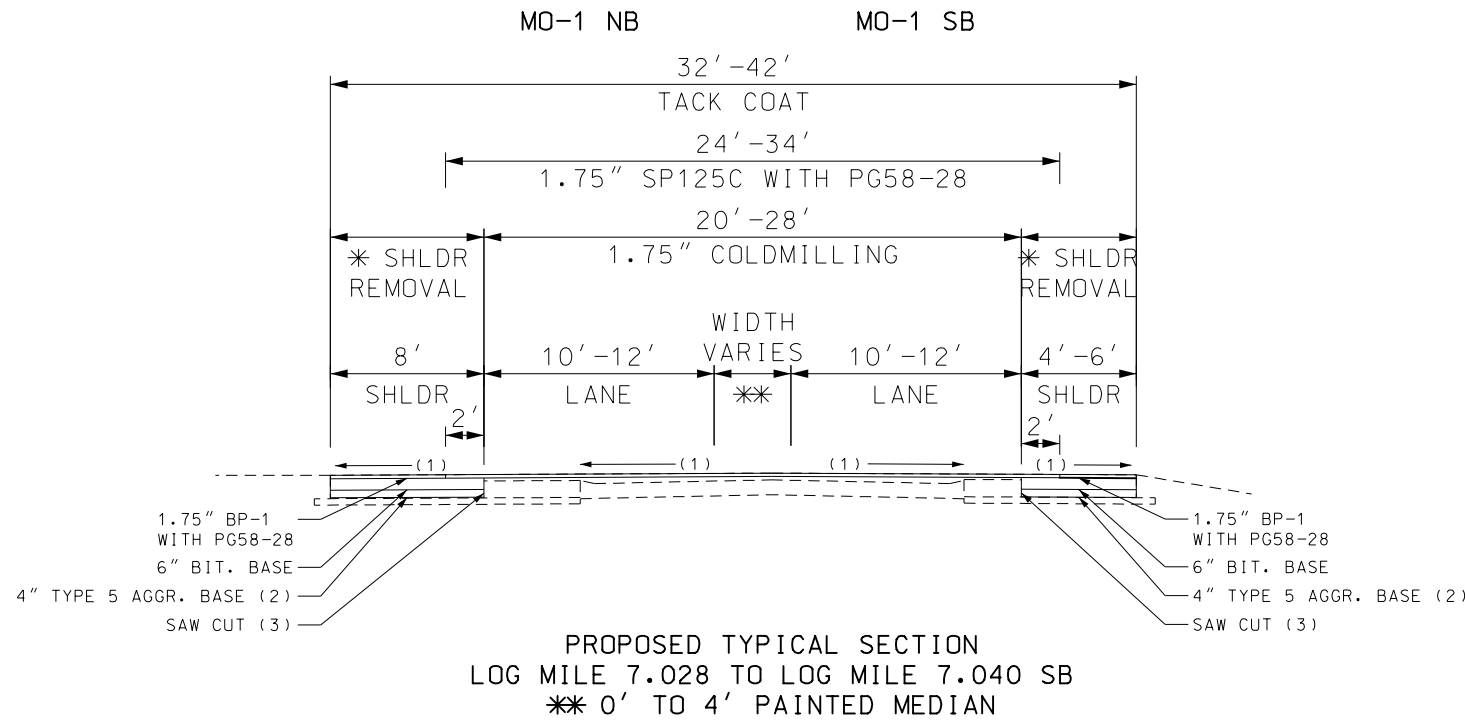
NOTE:  
 PARVIN INTERSECTION EXCEPTION  
 FROM LOG MILE 5.719 TO LOG MILE 5.827 SB

(1) MATCH EXISTING CROSS SLOPE  
 (2) MATCH EXISTING BASE, NO DIRECT PAY  
 (3) NO DIRECT PAY

\* CONTRACTOR SHALL LOCATE AND VERIFY  
 EDGE OF EXISTING FULL DEPTH PAVEMENT

DATE PREPARED 11/23/2021	
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

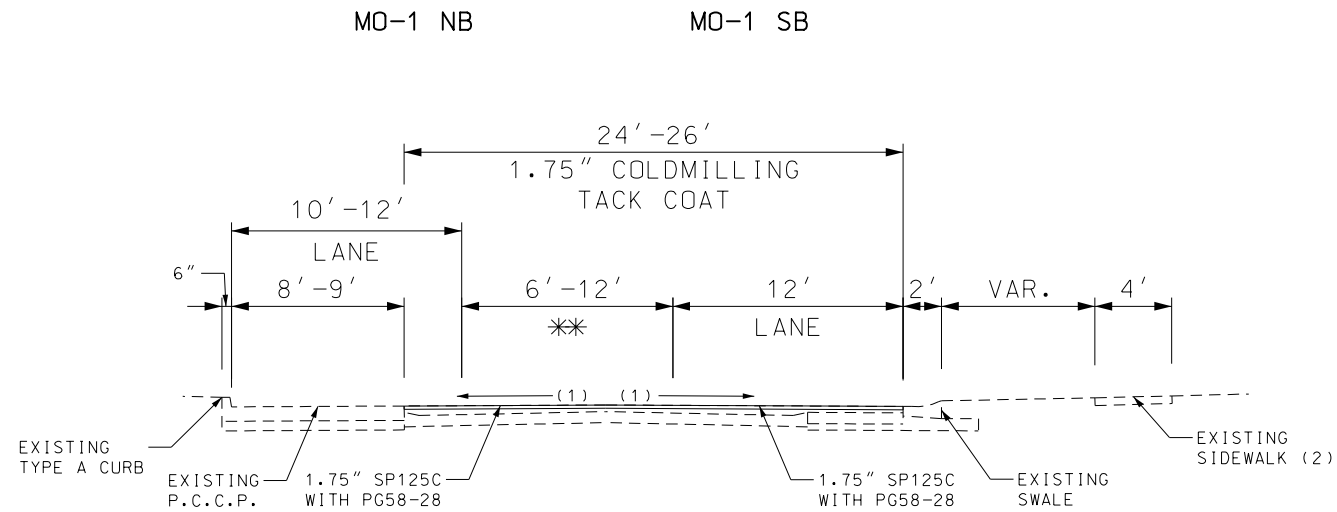




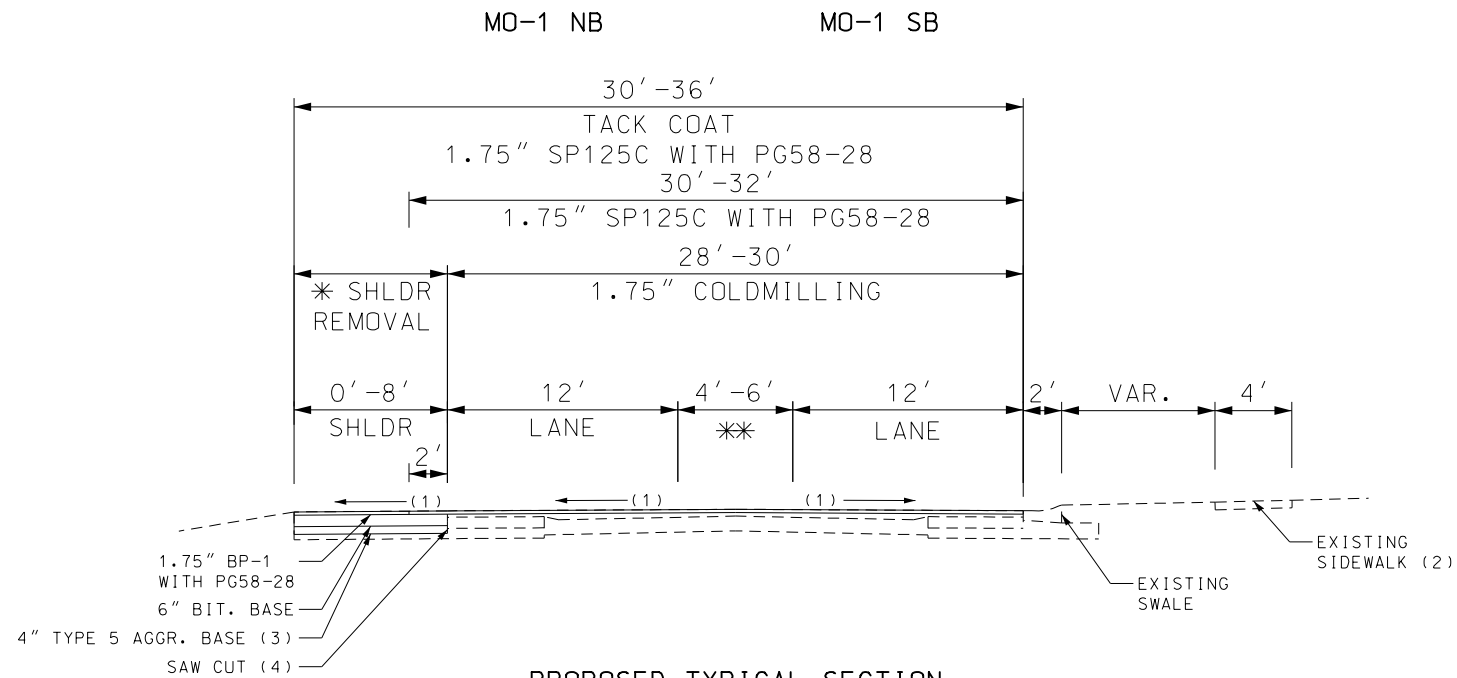
**NOTE:**  
 (1) MATCH EXISTING  
 (2) MATCH EXISTING BASE. NO DIRECT PAY  
 (3) NO DIRECT PAY

\* CONTRACTOR SHALL LOCATE AND VERIFY  
 EDGE OF EXISTING FULL DEPTH PAVEMENT

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)
TYPICAL SECTIONS SHEET 14 OF 17	



PROPOSED TYPICAL SECTION  
 LOG MILE 7.062 TO LOG MILE 7.092 SB  
 \*\* PAINTED MEDIAN



PROPOSED TYPICAL SECTION  
 LOG MILE 7.040 TO LOG MILE 7.062 SB  
 \*\* PAINTED MEDIAN

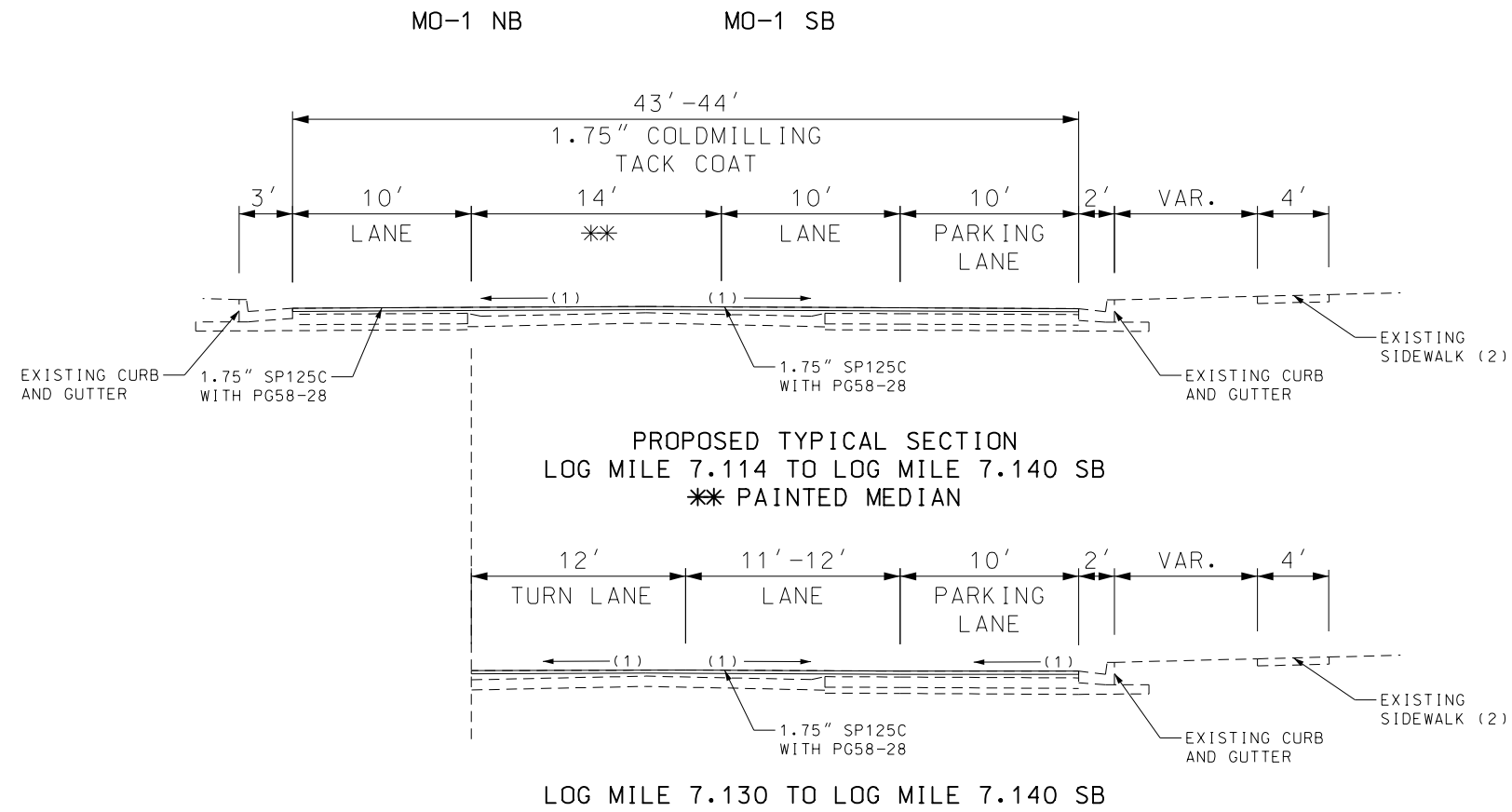
NOTE:  
 (1) MATCH EXISTING  
 (2) OUTSIDE OF MODOT R/W  
 (3) MATCH EXISTING BASE, NO DIRECT PAY  
 (4) NO DIRECT PAY  
 \* CONTRACTOR SHALL LOCATE AND VERIFY  
 EDGE OF EXISTING FULL DEPTH PAVEMENT

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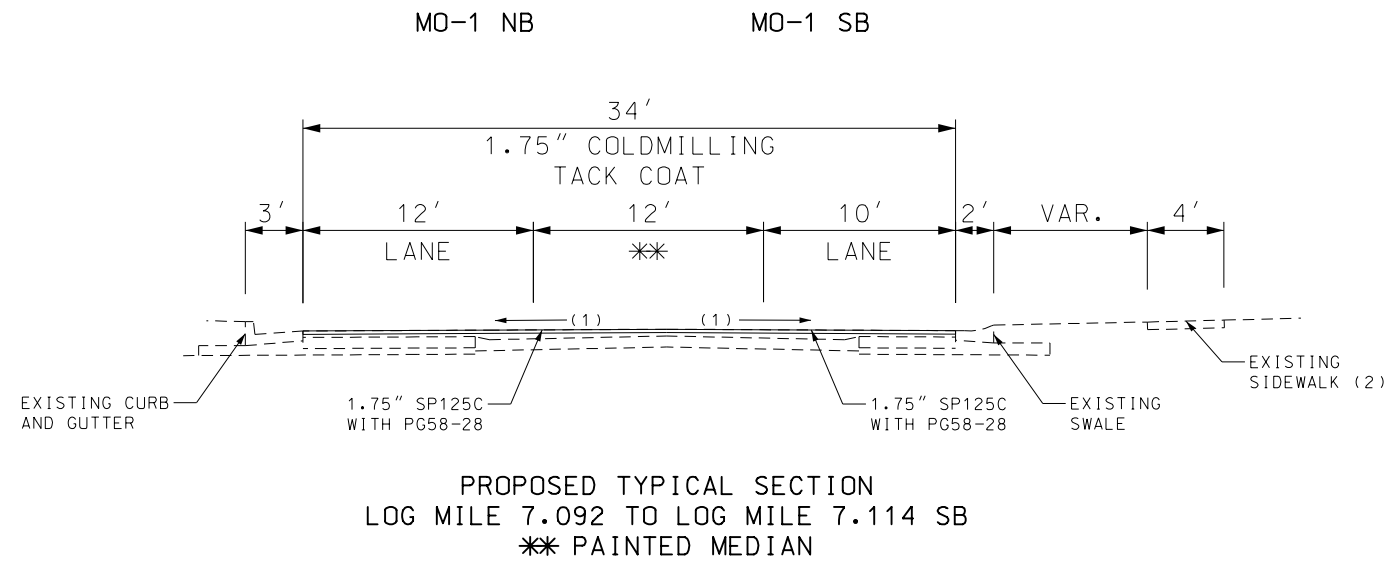
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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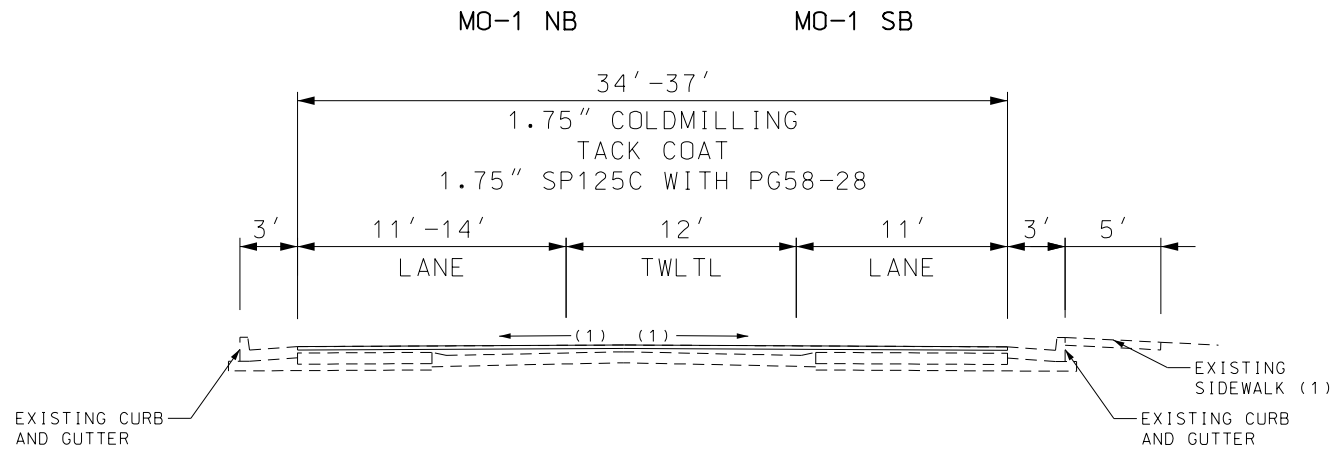


NOTE:  
(1) MATCH EXISTING CROSS SLOPE  
(2) OUTSIDE OF MODOT R/W



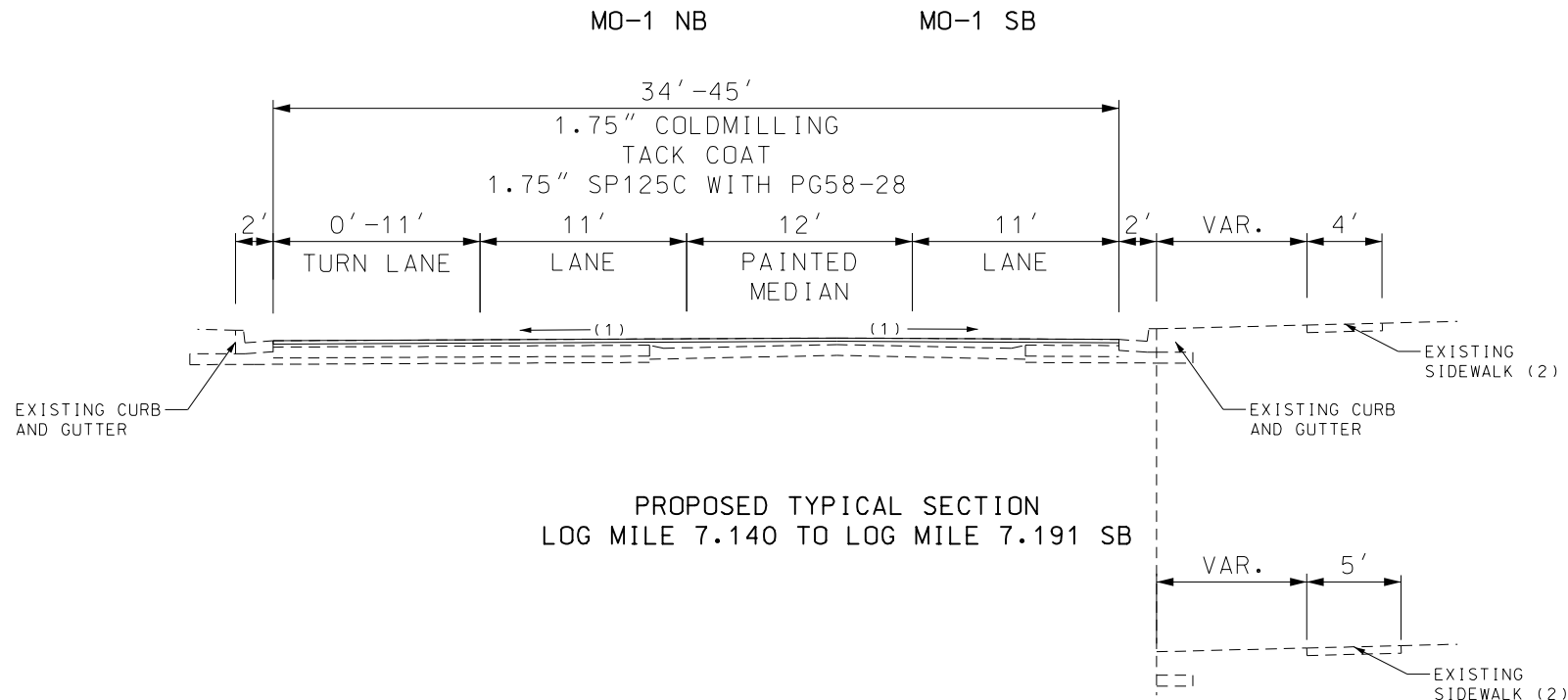
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

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PROPOSED TYPICAL SECTION  
LOG MILE 7.191 TO LOG MILE 7.246 SB

NOTE:  
BRIDGE A8277 EXCEPTION FROM  
LOG MILE 7.165 TO LOG MILE 7.181 SB  
  
(1) MATCH EXISTING  
(2) OUTSIDE OF MODOT R/W



PROPOSED TYPICAL SECTION  
LOG MILE 7.140 TO LOG MILE 7.191 SB

LOG MILE 7.178 TO LOG MILE 7.191 SB

TYPICAL SECTIONS  
SHEET 17 OF 17

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

DATE PREPARED

11/23/2021

ROUTE STATE

1 MO

DISTRICT SHEET NO.

KC 2

COUNTY

CLAY

JOB NO.

J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

PAVEMENT QUANTITIES

Table with columns: BEGIN LOG MILE, END LOG MILE, LOCATION, LENGTH, (MAINLINE) SP125C AVG. WIDTH, (NBL) BP-1 SHOULDER WIDTH, (SBL) BP-1 SHOULDER WIDTH, (NBL) SHOULDER WIDTH, (SBL) SHOULDER WIDTH, (MAINLINE) COLDMILLING 3" THICK OR LESS SY, (SHLDR) COLDMILLING 3" THICK OR LESS SY, MAINLINE 1.75" SP125C (PG 58-28) TON, TYPE 5 AGGR. BASE (4" THICK) SY, TYPE 5 AGGR. BASE (6" THICK) SY, 6" PG64-22 BITUMINOUS BASE TON, REMARKS. Includes a summary table at the bottom with rows for TOTAL, SUBTOTAL (1), and PAY TOTAL.

Project information sidebar containing: DATE PREPARED (11/23/2021), ROUTE (1), STATE (MO), DISTRICT (KC), COUNTY (CLAY), JOB NO. (J4S3343), CONTRACT ID., PROJECT NO., BRIDGE NO., MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION logo, and contact information for the Missouri Department of Transportation.

DESCRIPTION

DATE

PAVEMENT QUANTITIES

BEGIN LOG MILE SB	END LOG MILE SB	LOCATION	LENGTH FT	(MAINLINE) SP125C AVG. WIDTH FT	(NBL) BP-1 SHOULDER WIDTH FT	(SBL) BP-1 SHOULDER WIDTH FT	(NBL) SHOULDER WIDTH FT	(SBL) SHOULDER WIDTH FT	SHLDR 1.75" BP-1 (PG64-28) TON	TACK COAT GAL	PAVEMENT EDGE TREATMENT FT	SUBGRADING AND SHOULDERING CLASS 1 100 FT	PERMANENT AGGR. EDGE TREATMENT TON	REMARKS
5.325	5.330	MO-1	26.40	59	6		8		1.70	19.07		0.26		NB SHOULDER REPLACEMENT
5.330	5.341	MO-1	58.08	52						33.56				
5.341	5.366	MO-1	132.00	46		6		8	8.52	76.27				
5.366	5.382	MO-1	84.48	41		6		8	5.46	44.12				
5.382	5.388	MO-1	31.68	36.5		4		6	1.36	14.26				NE 43RD ST.
5.388	5.400	MO-1	63.36	40		4	4	6	2.73	30.98				DITCH
5.400	5.445	MO-1	237.60	37	4	4	6	6	20.46	118.80				
5.445	5.498	MO-1	279.84	37	4	4	6	6	24.09	139.92			9.74	WIDE SHOULDER
5.498	5.550	MO-1	274.56	30	6	6	8	8	35.46	128.13				TAPER 3 LANES TO 2 LANES
5.550	5.719	MO-1	892.32	24	6	6	8	8	115.24	356.93				PARVIN INTERSECTION EXCEPTION
5.827	5.884	MO-1	300.96	24	6	6	8	8	38.87	120.38	601.92	6.02		
5.884	5.944	MO-1	316.80	24	6	6	8	8	40.91	126.72	633.60	6.34		39TH TERR.
5.944	5.982	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		SBL BUS STOP (39TH ST.)
5.982	5.997	MO-1	79.20	24	6	6	8	8	10.23	31.68	158.40	1.58		
5.997	6.035	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		NBL BUS STOP (39TH ST.)
6.035	6.155	MO-1	633.60	24	6	6	8	8	81.83	253.44	1267.20	12.67		
6.155	6.193	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		SBL BUS STOP (37TH ST.)
6.193	6.205	MO-1	63.36	24	6	6	8	8	8.18	25.34	126.72	1.27		
6.205	6.243	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		NBL BUS STOP (37TH ST.)
6.243	6.350	MO-1	564.96	24	6	6	8	8	72.96	225.98	1129.92	11.30		
6.350	6.361	MO-1	58.08	24	6	6	8	8	7.50	23.23	116.16	1.16		SBL BUS STOP (ROCK CREEK DR.)
6.361	6.399	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		NBL BUS STOP (ROCK CREEK DR.)
6.399	6.437	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		
6.437	6.463	MO-1	137.28	24	6	6	8	8	17.73	54.91	274.56	2.75		
6.463	6.483	MO-1	105.60	24	6	6	8	8	13.64	42.24	211.20	2.11		
6.483	6.494	MO-1	58.08	24	6	6	8	8	7.50	23.23	116.16	1.16		
6.494	6.532	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		SBL BUS STOP (CHIPPEWA DR./34TH TERR.)
6.532	6.543	MO-1	58.08	24	6	6	8	8	7.50	23.23	116.16	1.16		
6.543	6.581	MO-1	200.64	24	6	6	8	8	25.91	80.26	401.28	4.01		NBL BUS STOP (CHIPPEWA DR./34TH TERR.)
6.581	6.644	MO-1	332.64	24	6	6	8	8	42.96	133.06	665.28	6.65		33RD. TERR.
6.581	6.832	MO-1	1325.28	24	6	6	8	8	171.16	530.11	2650.56	26.51		32ND AVE.
6.832	6.850	MO-1	95.04	24	6	4	8	6	10.23	35.90	190.08	1.90		
6.850	6.872	MO-1	116.16	28	6	4	8	6	12.50	49.05	232.32	2.32		NBL BUS STOP (SEMINOLE DR.)
6.872	6.884	MO-1	63.36	28	6	4	8	6	6.82	26.75	126.72	1.27		
6.884	6.922	MO-1	200.64	28	6	4	8	6	21.59	84.71	401.28	4.01		SBL BUS STOP (SEMINOLE DR.)
6.922	6.943	MO-1	110.88	28	6	4	8	6	11.93	46.82	221.76	2.22		
6.943	7.028	MO-1	448.80	28	6	4	8	6	48.30	189.49	897.60	8.98		
7.028	7.040	MO-1	63.36	32	6	4	8	6	6.82	29.57	126.72	1.27		
7.040	7.062	MO-1	116.16	31	6		8		7.50	47.75				E. 28TH AVE.
7.062	7.092	MO-1	158.40	25						44.00				
7.092	7.114	MO-1	116.16	34						43.88				E. 26TH AVE.
7.114	7.140	MO-1	137.28	44						67.11				
7.140	7.165	MO-1	132.00	40						58.67				BR. A8277 EXCEPTION
7.165	7.181	MO-1	52.80	40						23.47				
7.181	7.191	MO-1	52.80	40						23.47				
7.191	7.246	MO-1	290.40	36						116.16				
TOTAL									1,068.96	4,081.00	13,474.56	134.99	9.74	
SUBTOTAL (1)									1,068.96	4,081.00	13,474.56	134.99	9.74	
PAY TOTAL									1,069.0	4,081	13,475	135	9.8	

2'-WIDE, 3"-DEEP

DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO  
DISTRICT KC SHEET NO. 3

COUNTY CLAY  
JOB NO. J4S3343  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MO DOT

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.

PAVEMENT MARKINGS										
BEGIN LOG MILE SB	END LOG MILE SB	LENGTH FT	WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS			PERFORMED THERMOPLASTIC				REMARKS
			4 IN. WHITE SOLID FT	4 IN. YELLOW INTER. FT	4 IN. YELLOW SOLID FT	24 IN. WHITE FT	24 IN. YELLOW FT	LEFT/RIGHT ARROW EA	30 IN. WHITE MIDBLOCK EA	
5.325	5.341	84.48	253.44		337.92					DOUBLE YELLOW
5.341	5.435	496.32	992.64	248.16	992.64			2		
5.435	5.445	52.80	105.6		105.6					
5.445	5.485	211.20	633.60		422.4	11		2		
5.485	5.504	100.32	200.64							
5.504	5.580	401.28	802.56		1605.12					TAPER 3 LANES TO 2 LANES, DOUBLE YELLOW
5.580	5.719	733.92	1467.84		1467.84					PARVIN INTERSECTION EXCEPTION, DOUBLE YELLOW
5.827	6.849	5396.16	10792.32		10792.32				7	NE 32ND ST. CROSSWALK, DOUBLE YELLOW
6.849	7.028	945.12	1890.24		1890.24					DOUBLE YELLOW
7.028	7.040	63.36	126.72		126.72					E. 28TH AVE.
7.040	7.057	89.76	89.76		179.52					
7.057	7.099	221.76	443.52							
7.099	7.114	79.20	158.4						18	E. 26TH AVE. - CROSSWALKS
7.114	7.130	84.48	84.48		358		34			PAINTED MEDIAN, DOUBLE YELLOW
7.130	7.140	52.80	105.6		105.6			1		DOUBLE YELLOW
7.140	7.146	31.68	31.68		63.36	24			8	DOUBLE YELLOW AND CROSSWALK, CLAY EDWARDS
7.146	7.162	84.48								CLAY EDWARDS DR.
7.162	7.165	15.84	15.84		53	25				BR. A8277 EXCEPTION
7.181	7.219	200.64		100.32	401.28					
7.219	7.246	142.56	285.12	71.28	285.12					TANEY ST.
SUBTOTAL			18,480	420	19,187	60	34	5	33	
PAY TOTAL			18,480		19,607	60	34	5	33	

REMOVAL OF IMPROVEMENTS					
BEGIN LOG SB	END LOG SB	ITEM	UNIT	QUANTITY	REMARKS
5.325	5.330	SAW CUT	LF	70.0	NB SHOULDER
5.325	5.330	ASPHALT PVM'T	SY	23.5	NB SHOULDER
5.330	5.344	SIDEWALK	SY	41.2	SOUTH OF I-35 NB ON RAMP
5.347	5.353	SAW CUT	LF	5.0	SOUTH OF I-35 NB ON RAMP
5.347	5.353	SIDEWALK	SY	17.8	SOUTH OF I-35 NB ON RAMP
5.347	5.353	SAW CUT	LF	5.0	SOUTH OF I-35 NB ON RAMP
5.353	5.353	SAW CUT	LF	16.0	SOUTH OF I-35 NB ON RAMP, NO DIRECT PAY
5.353	5.353	CURB RAMP	EA	1.0	SOUTH OF I-35 NB ON RAMP, NO DIRECT PAY
5.352	5.362	SAW CUT	LF	170.0	DRIVEWAY
5.352	5.362	CONCRETE PVM'T	SY	104.0	DRIVEWAY
5.359	5.376	SIDEWALK	SY	40.0	NORTH OF 43RD ST. (LT)
5.359	5.376	SAW CUT	LF	20.0	NORTH OF 43RD ST. (LT), NO DIRECT PAY
5.359	5.376	CURB RAMP	EA	1.0	NORTH OF 43RD ST. (LT), NO DIRECT PAY
5.359	5.376	SAW CUT	LF	20.0	NORTH OF 43RD ST. (LT)
5.359	5.376	CURB RAMP	EA	1.0	NORTH OF 43RD ST. (LT)
5.369	5.369	SAW CUT	FT	58.0	NORTH OF 43RD ST. (RT)
5.369	5.369	CONCRETE CURB	FT	28.0	NORTH OF 43RD ST. (RT)
5.827	6.832	SAW CUT	LF	10,644.8	NB/SB SHOULDER
5.827	6.832	ASPHALT PVM'T	SY	9,433.6	NB/SB SHOULDER
6.832	7.028	SAW CUT	LF	131.0	NB SHOULDER
6.832	7.028	ASPHALT PVM'T	SY	919.9	NB SHOULDER
6.832	7.028	SAW CUT	LF	1,046.9	SB SHOULDER
6.832	7.028	ASPHALT PVM'T	SY	689.9	SB SHOULDER
7.040	7.062	SAW CUT	LF	114.6	NB SHOULDER
7.040	7.062	ASPHALT PVM'T	SY	51.6	NB SHOULDER
PAY TOTAL					1 LUMP SUM

FULL DEPTH PAVEMENT REPAIR							
LOG MILE SB	LOG MILE SB	SAW CUTS LF	FURNISHING AND PLACING CONCRETE MATERIAL SY	SUBGRADE COMPACTION (6 IN. DEPTH) SY	4 IN. TYPE 1 OR 5 AGGREGATE FOR BASE SY	DOWEL BARS EA	REMARKS
5.325	7.426	800	415	42	42	480	VARIOUS LOCATIONS
PAY TOTAL		800	415	42	42	480	

- (1) SUBGRADE COMPACTION IS ESTIMATED AT 10% OF THE FULL DEPTH PAVEMENT REPAIR.
- (2) TYPE 5 AGGREGATE FOR BASE IS ESTIMATED AT 10% OF THE FULL DEPTH PAVEMENT REPAIR.
- (3) PAVEMENT REPAIR LOCATIONS ARE TO BE LOCATED BY THE ENGINEER IN CHARGE.

PARTIAL DEPTH PAVEMENT REPAIR						
LOG MILE SB	LOG MILE SB	LOCATION	REMOVAL FOR CLASS C SY	FURNISHING AND PLACING BIT. MATL. FOR CLASS C SY	* TACK COAT GAL	REMARKS
5.325	7.426	MO-1, LT/RT	997.7	997.7	99.77	VARIOUS LOCATIONS
PAY TOTAL			997.7	997.7	99.77	

\* NO DIRECT PAY

PAVEMENT REPAIR LOCATIONS ARE TO BE LOCATED BY THE ENGINEER IN CHARGE.

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

DATE

DESCRIPTION

DATE PREPARED: 11/23/2021

ROUTE 1 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY CLAY


JOB NO. J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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



PEDESTRIAN FACILITIES									
LOG MILE SB	LOG MILE SB	LOCATION	LENGTH FT	4" CONCRETE SIDEWALK SY	CURB RAMP EACH	PAVED APPROACH (8") SY	* CURB AND GUTTER FT	LINEAR GRADING FOR SIDEWALKS STA	REMARKS
5.330	5.344	MO-1, LT	73.92	41.2				0.8	SOUTH OF I-35 NB ON RAMP
5.347	5.353	MO-1, LT	31.68	17.8	1			0.4	SOUTH OF I-35 NB ON RAMP
5.356	5.356	MO-1, LT				104.0	56.0		NORTH OF 43RD ST., ENTRANCE
5.359	5.376	MO-1, LT	89.76	70	2			0.9	NORTH OF 43RD ST.
PAY TOTAL				129.0	3.0	104.0	56.0	2.1	

**MOBILIZATION**  
1 LUMP SUM

\* NO DIRECT PAY

CONCRETE CURB REPLACEMENT				
LOG MILE SB	LOG MILE SB	LOCATION	CONCRETE CURB (6 IN.) TYPE S FT	REMARK
5.369	5.369	MO-1, RT	28	GRASS ISLAND
PAY TOTAL			28	

EROSION CONTROL - SEEDING						
LOG MILE SB	LOG MILE SB	LENGTH FT	LOCATION	TEMP. SEEDING AND MULCHING ACRE	SEEDING - COOL SEASON MIXTURE ACRE	REMARKS
5.325	5.360	184.80	MO-1, LT	0.10	0.06	SIDEWALK NORTH OF PAVED APPROACH
5.365	5.376	58.08	MO-1, LT	0.10	0.03	SIDEWALK SOUTH OF PAVED APPROACH
5.388	5.485	512.16	MO-1, RT	0.01	0.10	DITCH
5.827	7.040	6404.64	MO-1, LT/RT	0.15	1.47	SHOULDER REPLACEMENT
PAY TOTAL				0.4	1.7	

EROSION CONTROL - DITCH CHECKS AND CURB INLET CHECKS					
LOG MILE SB	LOCATION	ALTERNATE DITCH CHECK LF	CURB INLET CHECK EA	SEDIMENT REMOVAL CY	REMARKS
5.364	MO-1, RT		1	1	
5.380	MO-1, RT		1	1	
5.384	43RD ST. LT/RT		2	2	
5.409	MO-1, LT		1	1	SOUTH OF 7-ELEVEN
5.421	MO-1, LT		1	1	
5.664	MO-1, LT		1	1	PAVED DITCH
5.827	MO-1, LT	10		0.1	SOUTH OF PARVIN INTERESECTION
5.848	MO-1, RT	6		0.1	SOUTH OF PARVIN INTERESECTION
5.862	MO-1, RT	6		0.1	SOUTH OF PARVIN INTERESECTION
5.971	MO-1, LT	20		0.2	NORTH OF NE 39TH ST.
5.858	MO-1, LT/RT	25		0.3	SOUTH OF NE 39TH ST.
6.093	MO-1, LT	5		0.1	SOUTH OF NE 38TH ST.
6.100	MO-1, LT	5		0.1	SOUTH OF NE 38TH ST.
6.128	MO-1, LT	8		0.1	NORTH OF NE 37TH ST.
6.137	MO-1, LT/RT	20		0.2	SOUTH OF NE 37TH TERR.
6.167	MO-1, LT	8		0.1	SOUTH OF NE 37TH TERR.
6.172	MO-1, LT	16		0.2	SOUTH OF NE 37TH TERR.
6.186	MO-1, LT/RT	26		0.3	NORTH OF NE 37TH ST.
6.533	MO-1, LT/RT	18		0.2	NORTH OF 34TH TERR./CHIPPEWA DR.
6.547	MO-1, LT	5		0.1	SOUTH OF 34TH TERR.
6.350	MO-1, LT	6		0.1	NORTH OF 33RD TERR.
6.361	MO-1, LT	6		0.1	SOUTH OF 33RD TERR.
6.659	MO-1, RT	12		0.1	SOUTH OF 33RD TERR.
6.663	MO-1, RT	12		0.1	SOUTH OF 33RD TERR.
6.725	MO-1, RT	10	1	1	NORTH OF 32ND AVE.
6.813	MO-1, RT		2	2	NORTH OF MOHAWK LN.
6.822	MO-1, RT		2	2	NORTH OF MOHAWK LN.
6.830	MO-1, LT	20		0.2	NORTH OF NE 32ND ST.
6.835	MO-1, RT		2	2	MOHAWK LN.
7.037	MO-1, RT		2	2	NORTH OF E. 28TH AVE.
7.055	MO-1, RT		1	1	SOUTH OF E. 28TH AVE.
7.097	MO-1, RT		1	1	NORTH OF E. 26TH AVE.
7.109	MO-1, RT		1	1	SOUTH OF E. 26TH AVE.
7.129	MO-1, RT		2	2	PARKING LANE
7.145	MO-1, LT		2	2	NORTH OF CLAY EDWARDS DR.
7.163	MO-1, RT		2	2	SOUTH OF CLAY EDWARDS DR.
SUB TOTAL (1)		244	25	27.8	
PAY TOTAL		244	25		

EROSION CONTROL - SILT FENCE					
LOG MILE SB	LOG MILE SB	LOCATION	SILT FENCE LF	SEDIMENT REMOVAL CY	REMARKS
5.325	5.330	MO-1, LT	34	0.34	NB SHOULDER REPLACEMENT
5.330	5.360	MO-1, LT	235	2.35	SIDEWALK, NORTH OF PAVED APPROACH
5.365	5.381	MO-1, LT	140	1.40	SIDEWALK, SOUTH OF PAVED APPROACH
5.827	5.871	MO-1, LT	232	2.32	SOUTH OF PARVIN INTERSECTION
5.885	5.982	MO-1, LT	512	5.12	SOUTH OF NE 39TH TERR.
6.093	6.099	MO-1, RT	32	0.32	PRIVATE PROPERTY
6.103	6.109	MO-1, RT	32	0.32	PRIVATE PROPERTY
6.113	6.118	MO-1, RT	26	0.26	PRIVATE PROPERTY
6.122	6.134	MO-1, RT	63	0.63	PRIVATE PROPERTY
6.202	6.236	MO-1, LT	180	1.80	SOUTH OF NE 37TH ST.
6.261	6.269	MO-1, LT	42	0.42	PRIVATE PROPERTY
6.273	6.278	MO-1, LT	26	0.26	PRIVATE PROPERTY
6.282	6.290	MO-1, LT	42	0.42	PRIVATE PROPERTY
6.292	6.299	MO-1, LT	37	0.37	PRIVATE PROPERTY
6.359	6.372	MO-1, LT	69	0.69	SOUTH OF NE ROCK CREEK DR.
6.372	6.470	MO-1, LT/RT	1035	10.35	SOUTH OF NE ROCK CREEK DR.
6.480	6.514	MO-1, LT/RT	359	3.59	SOUTH OF NE 34TH PL.
6.850	7.040	MO-1, LT	1003	10.03	SOUTH OF NE 32ND ST.
SUB TOTAL (1)				27.8	
SUB TOTAL (2)			4099	41	
PAY TOTAL (SUB TOTAL (1) + SUB TOTAL (2))			4,099	69	

DEBRIS AND VEGETATION REMOVAL				
LOG MILE SB	LOG MILE SB	LOCATION	DEBRIS AND VEGETATION REMOVAL ACRE	REMARK
5.388	5.485	MO-1, RT	0.2	SHOULDER AND PART OF FORESLOPE BY THE DITCH
PAY TOTAL			0.2	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 DATE  
 DESCRIPTION  
 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE PREPARED: 11/23/2021  
 ROUTE: 1 STATE: MO  
 DISTRICT: KC SHEET NO.: 3  
 COUNTY: CLAY  
 JOB NO.: J4S3343  
 CONTRACT ID.:  
 PROJECT NO.:  
 BRIDGE NO.:

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

Table with columns: SIGN, SIZE IN., AREA SQ.FT., QTY EACH, TOTAL AREA SQ.FT., QTY RELOC EACH, TOTAL RELOC SQ.FT., SIGN NUM., DESCRIPTION. Includes sub-sections for WARNING SIGNS and REGULATORY SIGNS.

Table with columns: SIGN, SIZE IN., AREA SQ.FT., QTY EACH, TOTAL AREA SQ.FT., QTY RELOC EACH, TOTAL RELOC SQ.FT., SIGN NUM., DESCRIPTION. Includes sub-sections for GUIDE SIGNS and MISCELLANEOUS SIGNS.

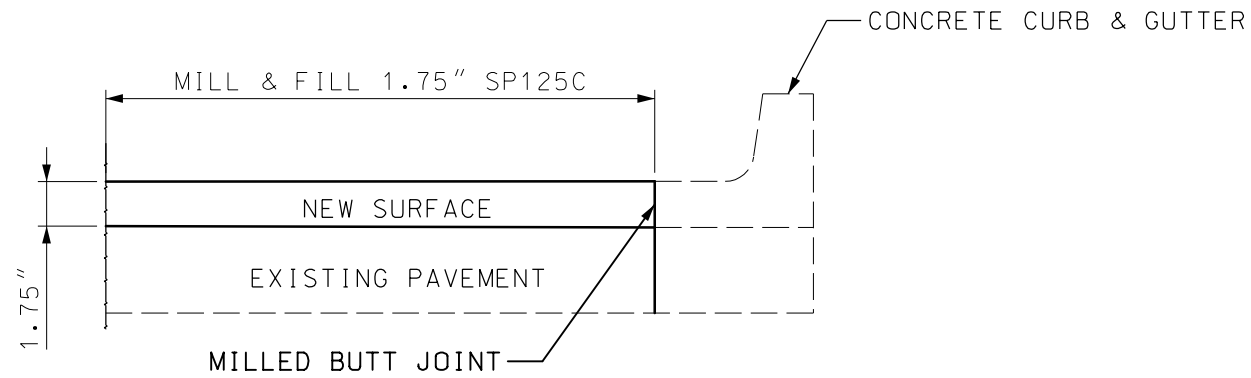
Table with columns: ITEM NUMBER, TOTAL QTY, DESCRIPTION. Lists various traffic control items and their quantities.

Summary box: TEMPORARY TRAFFIC CONTROL, ITEM NUMBER 616-99.01, PAY TOTAL 1 LUMP SUM, SEE JSP'S.

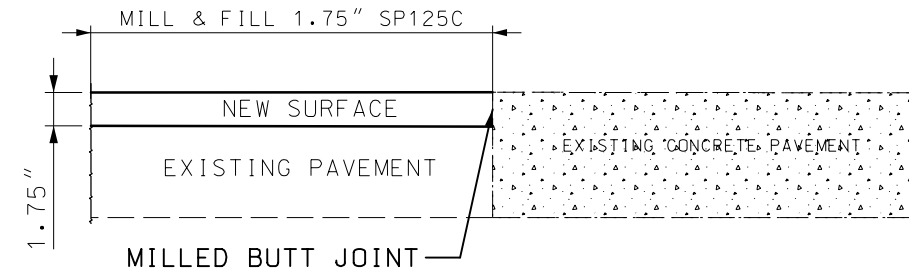
NOTES: (1) QUANTITIES FOR 1 MILE SET UP \* ITEMS NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL LUMP SUM \*\* NO DIRECT PAY FOR RELOCATION TEMPORARY TRAFFIC CONTROL DEVICES.

QUANTITIES FOR INFORMATION ONLY

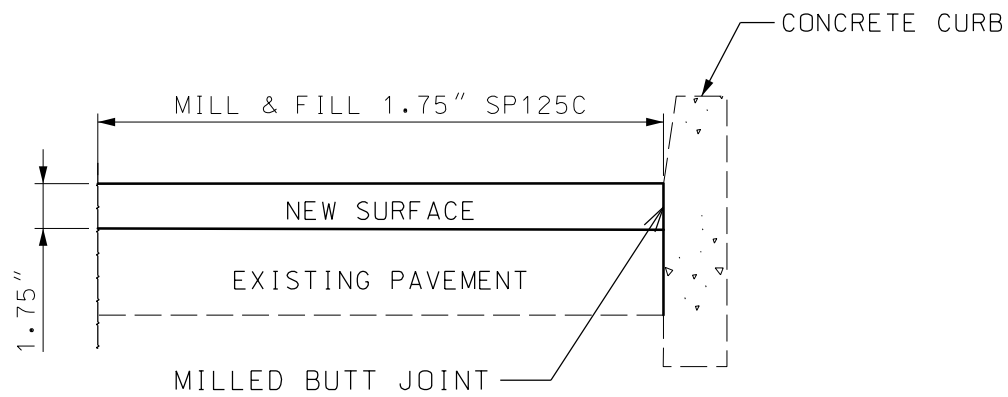
Vertical sidebar containing: DATE PREPARED (11/23/2021), ROUTE (1), STATE (MO), DISTRICT (KC), SHEET NO. (3), COUNTY (CLAY), JOB NO. (J4S3343), CONTRACT ID., PROJECT NO., BRIDGE NO., MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION logo, and MoDOT logo.



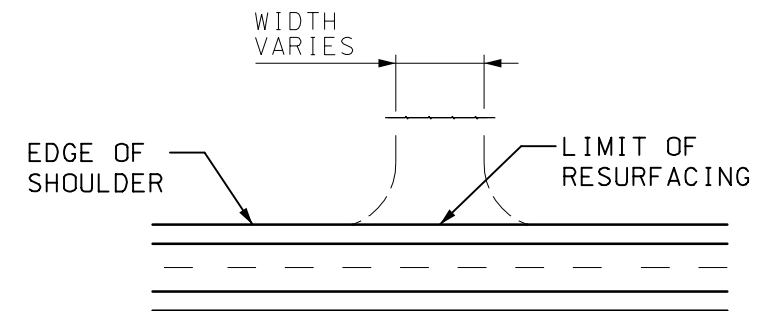
RESURFACING DETAIL  
CONCRETE CURB & GUTTER  
VARIOUS LOCATIONS



RESURFACING DETAIL  
CONCRETE PAVEMENT



RESURFACING DETAIL  
CONCRETE CURB



RESURFACING DETAIL  
ENTRANCES  
VARIOUS LOCATIONS

NOTES:  
SEE TYPICAL SECTION FOR PAVEMENT DESIGN

NOT TO SCALE

RESURFACING PAVEMENT DETAILS  
SPECIAL SHEET  
SHEET 1 OF 14

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

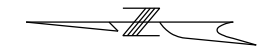


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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

- NOTES:  
 1. TOPOGRAPHIC FEATURES ARE FOR INFORMATION ONLY.  
 2. FOR SIDEWALK AND CURB RAMP DETAIL, SEE SPECIAL SHEET 3 OF 14 FOR DETAILS.  
 3. FOR PAVED APPROACH DETAIL, SEE SPECIAL SHEET 3 OF 14 FOR DETAILS.  
 4. FOR CURB DETAIL, SEE STD. 609.00P  
 5. FOR SHOULDER DETAILS, SEE SPECIAL SHEET 3 OF 14.

LEGEND



DRAWING NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO  
DISTRICT KC SHEET NO. 5

COUNTY CLAY  
JOB NO. J4S3343  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

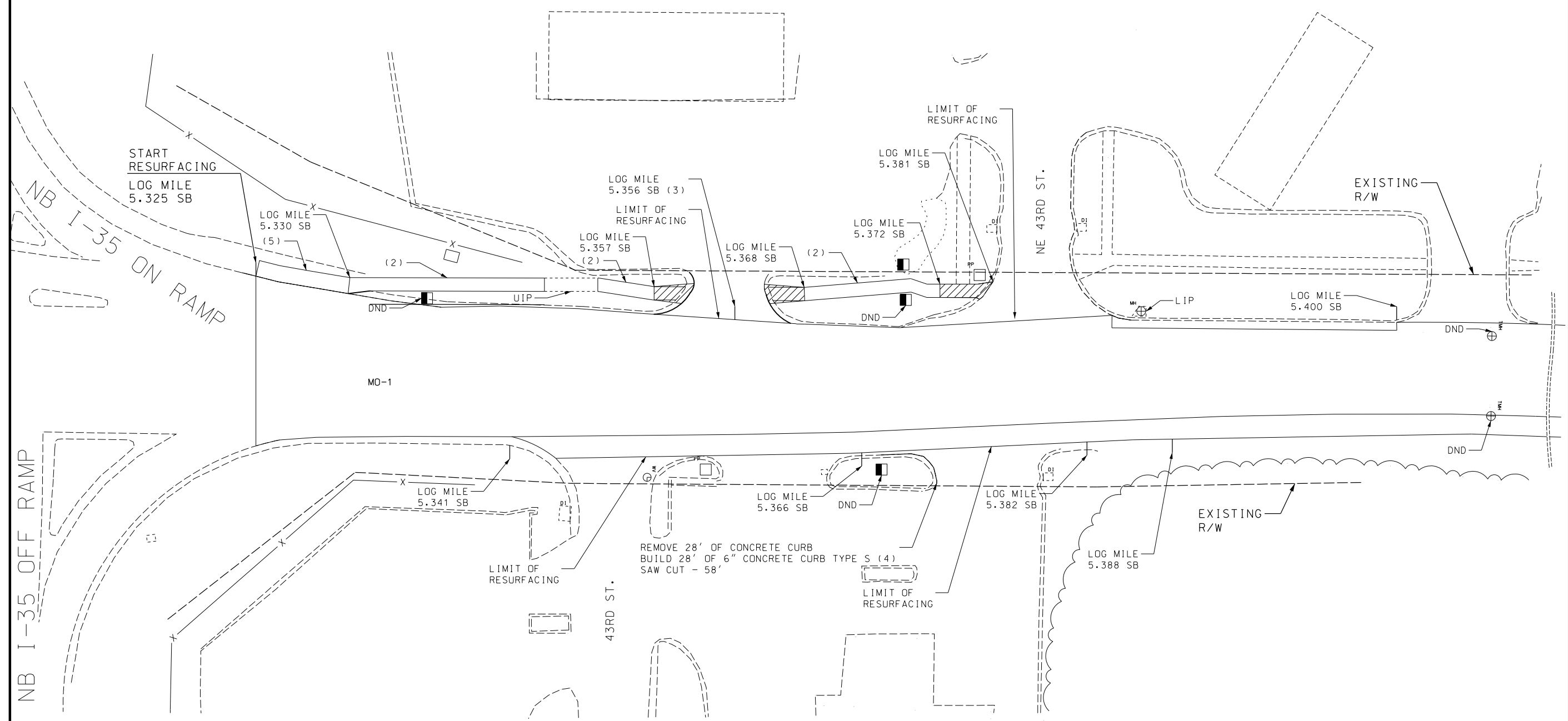
DATE

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.



REMOVE 28' OF CONCRETE CURB  
 BUILD 28' OF 6" CONCRETE CURB TYPE S (4)  
 SAW CUT - 58'

BEGIN RESURFACING  
 SPECIAL SHEET  
 SHEET 2 OF 14

NOTE:  
 1. SEE STD. 608.00H  
 2. SEE STD. 609.00P  
 3. CHANGES SHALL BE APPROVED BY ENGINEER.  
 4. NO DIRECT PAY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
11/23/2021

ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	6

COUNTY  
CLAY  
 JOB NO.  
J4S3343  
 CONTRACT ID.

PROJECT NO.

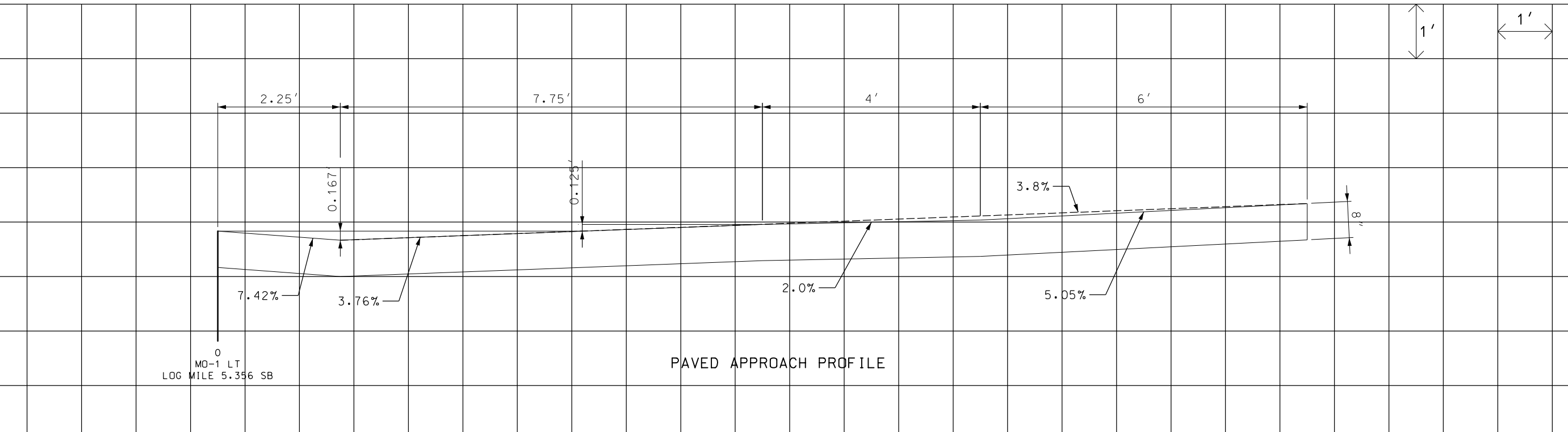
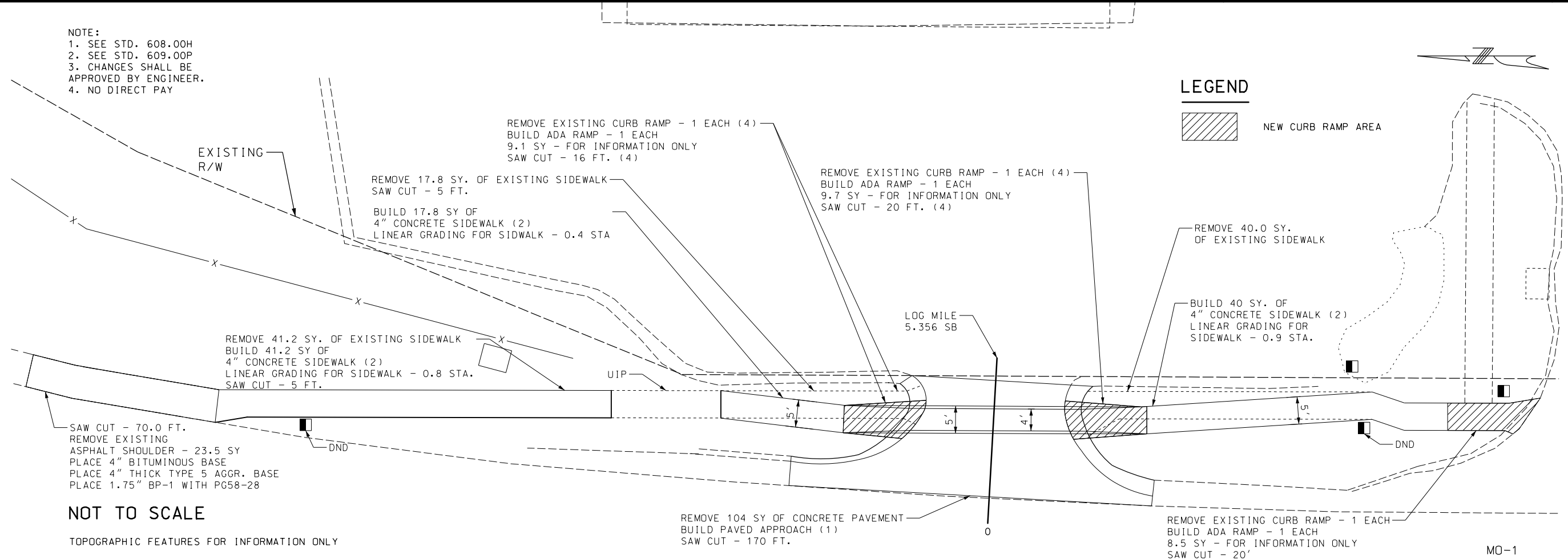
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DESCRIPTION	DATE

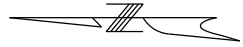
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

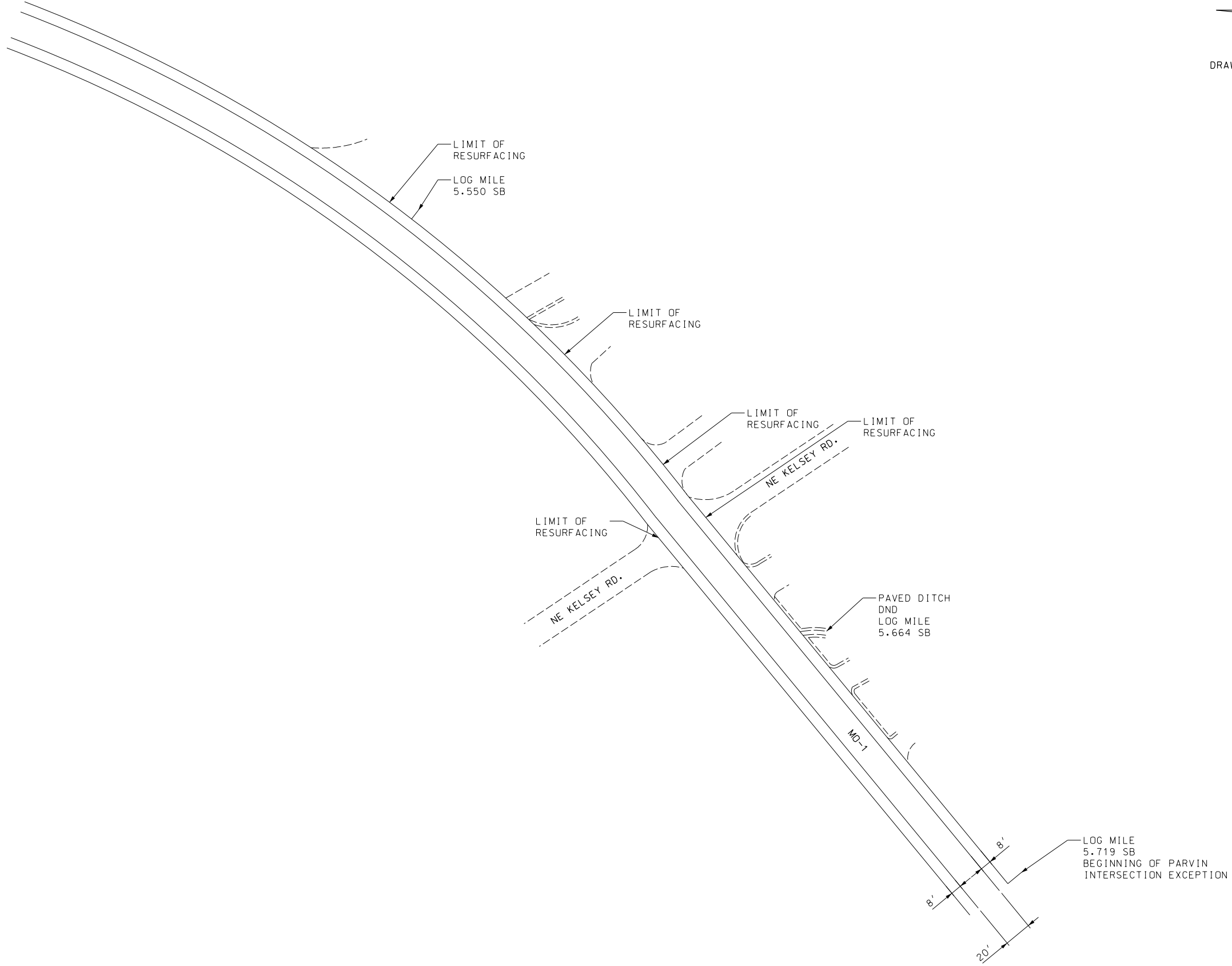
LOG MILE 5.356 SB LT  
 SIDEWALK, PAVED APPROACH DETAILS  
 SPECIAL SHEET  
 SHEET 3 OF 14







DRAWING NOT TO SCALE



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET  
SHEET 5 OF 14

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
11/23/2021

ROUTE 1	STATE MO
------------	-------------

DISTRICT KC	SHEET NO. 8
----------------	----------------

COUNTY  
CLAY

JOB NO.  
J4S3343

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.



DRAWING NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

11/23/2021

ROUTE 1 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY CLAY

JOB NO. J4S3343

CONTRACT ID.

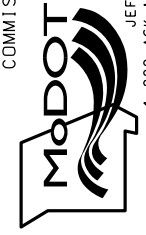
PROJECT NO.

BRIDGE NO.

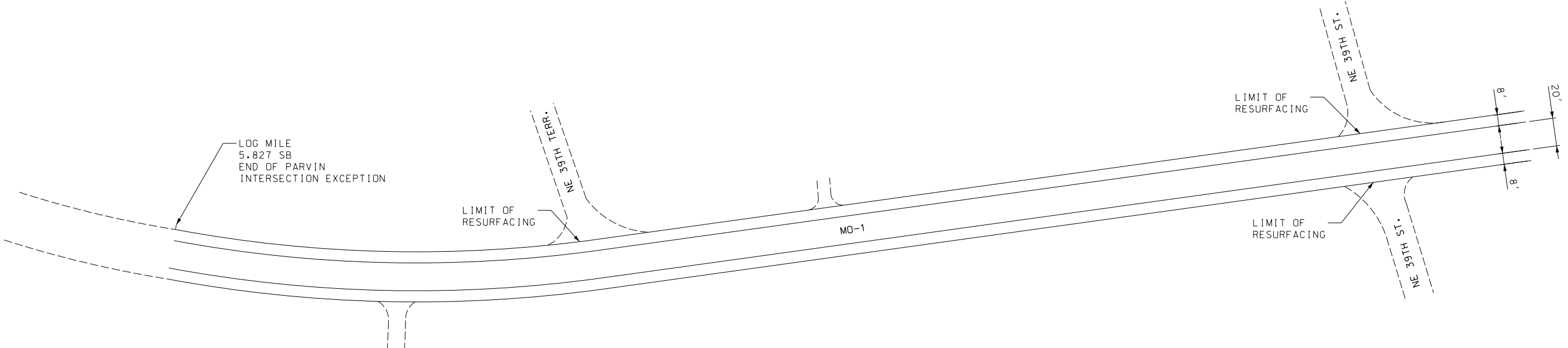
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET SHEET 6 OF 14







DRAWING NOT TO SCALE

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DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO  
DISTRICT KC SHEET NO. 12


COUNTY CLAY  
JOB NO. J4S3343

CONTRACT ID.  
PROJECT NO.

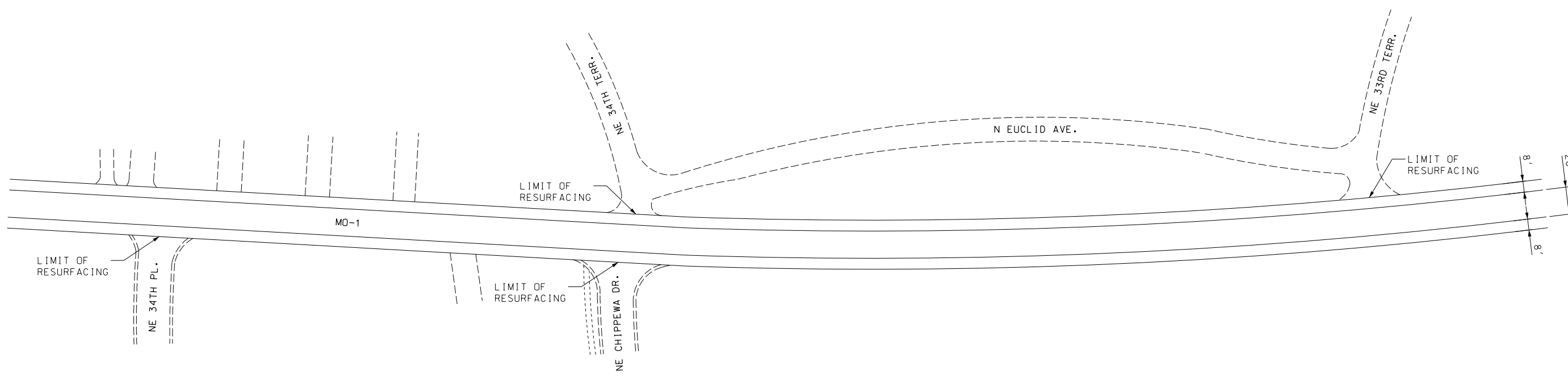
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

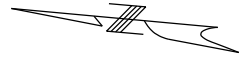


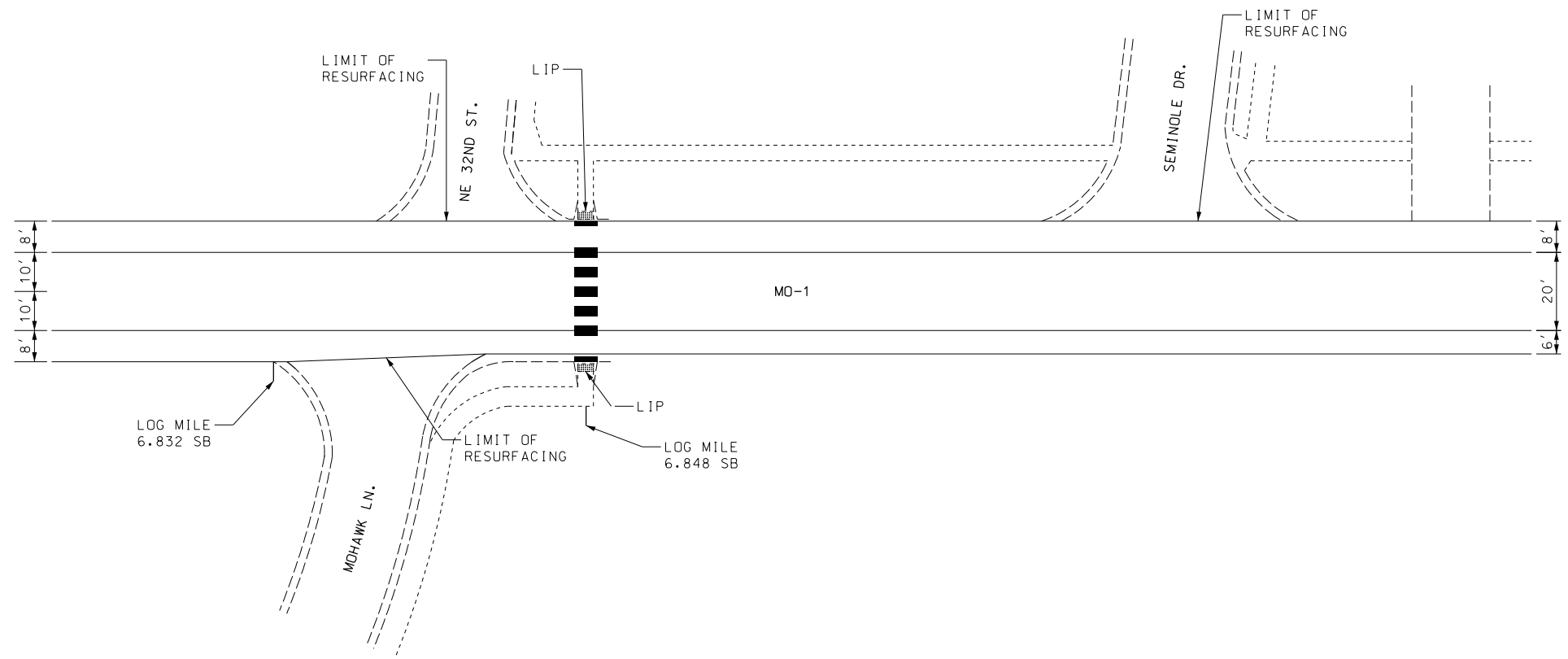
TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET  
SHEET 9 OF 14

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

- NOTES:  
 1. TOPOGRAPHIC FEATURES FOR INFORMATION ONLY  
 2. FOR CROSSWALK DETAILS, SEE SPECIAL SHEET 14 OF 14.

  
 DRAWING NOT TO SCALE



"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
11/23/2021

ROUTE 1	STATE MO
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DISTRICT KC	SHEET NO. 13
----------------	-----------------

COUNTY  
CLAY

JOB NO.  
J4S3343

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)

TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET  
 CROSSWALK - NE 32ND ST.  
 SHEET 10 OF 14



DRAWING NOT TO SCALE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO

DISTRICT KC SHEET NO. 14

COUNTY CLAY

JOB NO. J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

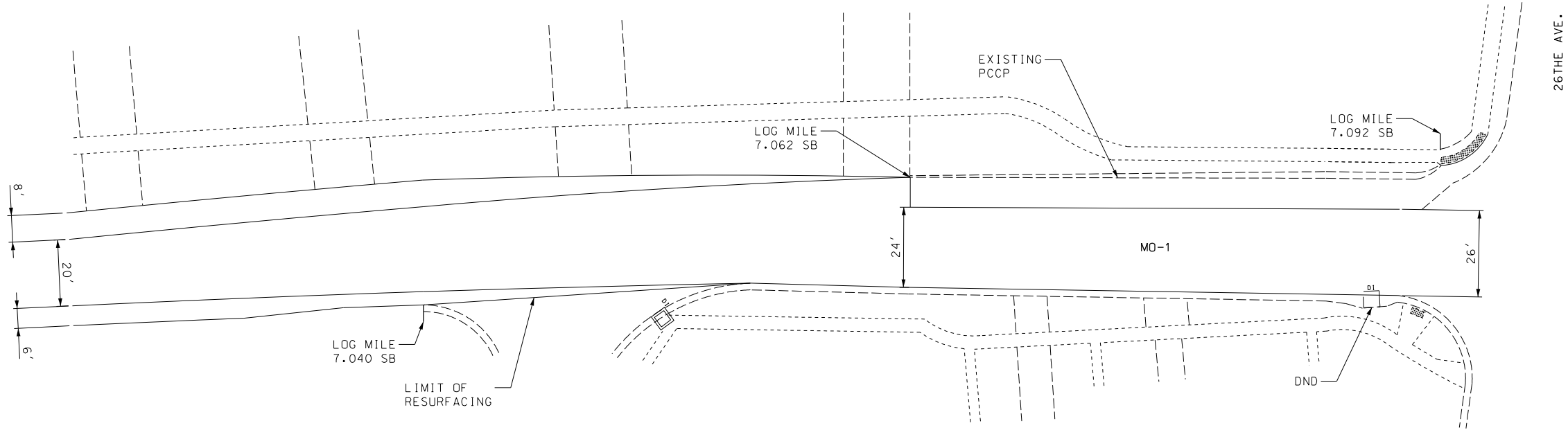
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

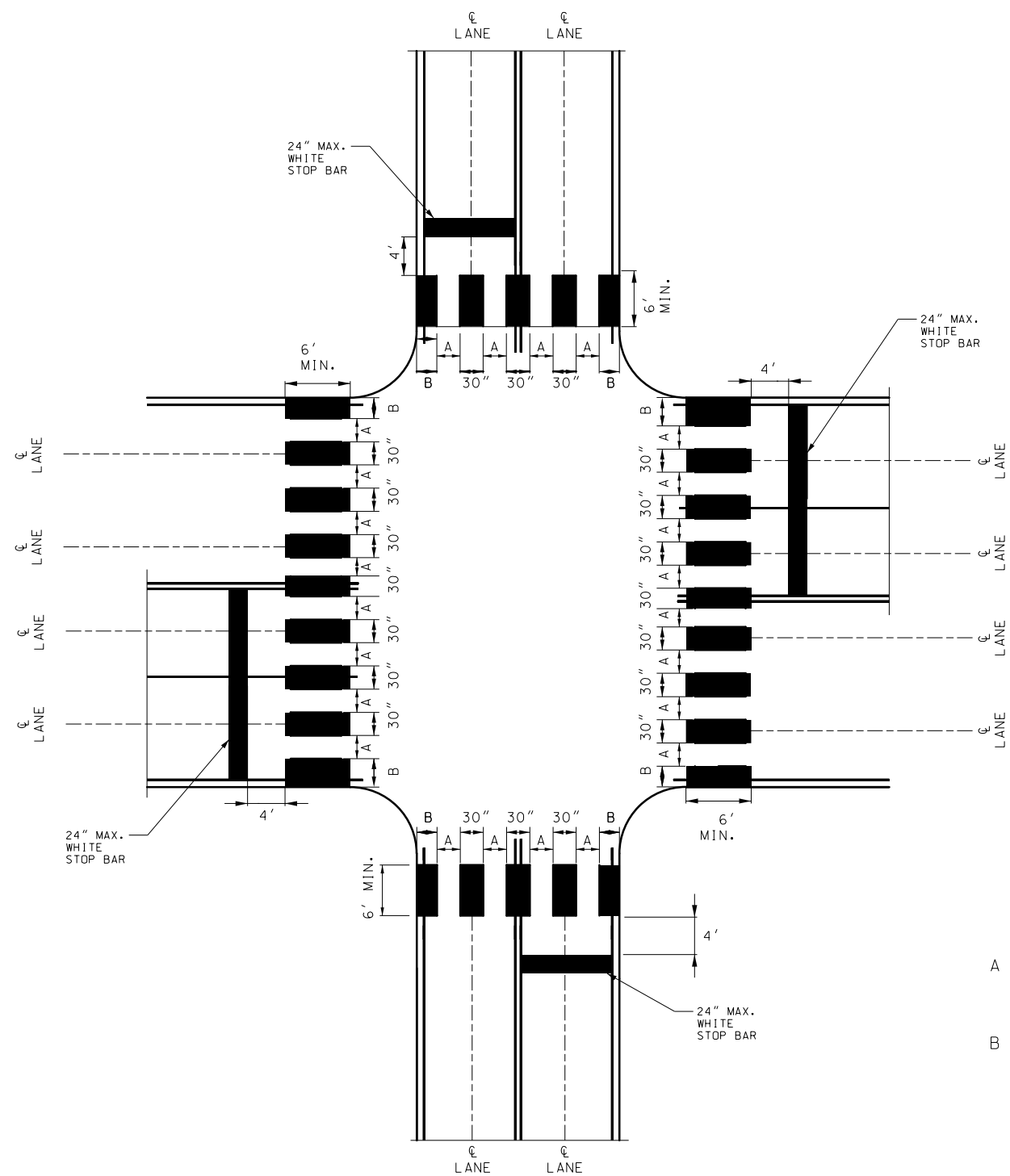


TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET SHEET 11 OF 14







- A VARIABLE BASED ON THE ACTUAL LANE WIDTH
- B VARIES BASED ON DISTANCE TO THE CURB, BUT SHALL NOT EXCEED 30". IF SHOULDERS EXIST THE PATTERN SHALL BE EXTENDED TO THE CURB FACE ADDING ADDITIONAL BLOCKS IF NEEDED

WHITE MIDBLOCK (ZEBRA) PEDESTRIAN CROSSWALKS

PEDESTRIAN CROSSWALKS  
SPECIAL SHEET  
SHEET 14 OF 14

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 17
COUNTY CLAY	
JOB NO. J4S3343	
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.

# Traffic Control Legend, Sign Spacing, Device Spacing, Channelizing Taper Lengths And Recommended Maximum Speed Reductions

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

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
MPH	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (L) (3)			MINIMUM SHOULDER TAPER LENGTH (T1) BASED ON 10' SHOULDER	BUFFER LENGTH FT	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

\*\* THE SA DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN.  
 THE SB DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS.  
 THE SC DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS.  
 (THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO THE TEMPORARY TRAFFIC CONTROL ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE TEMPORARY TRAFFIC CONTROL ZONE)

- DETAILS NOTES:**
- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
  - (2) SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.
  - (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER
  - (4) CONCRETE BARRIER MAY BE INSTALLED AT 8:1 FLARE RATE FROM THE SHOULDER POINT OF THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER

EPG TABLE 616.12 RECOMMENDED MAXIMUM SPEED REDUCTIONS	
ACTIVITY (I.E. WORKERS, EQUIPMENT OR MATERIAL) LOCATION	RECOMMENDED WORK ZONE SPEED REDUCTION (WHEN APPLICABLE)
10 FT. BEYOND EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTILANE	10 MPH
SPECIAL CIRCUMSTANCES WITHIN A TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.	

## TRAFFIC CONTROL LEGEND

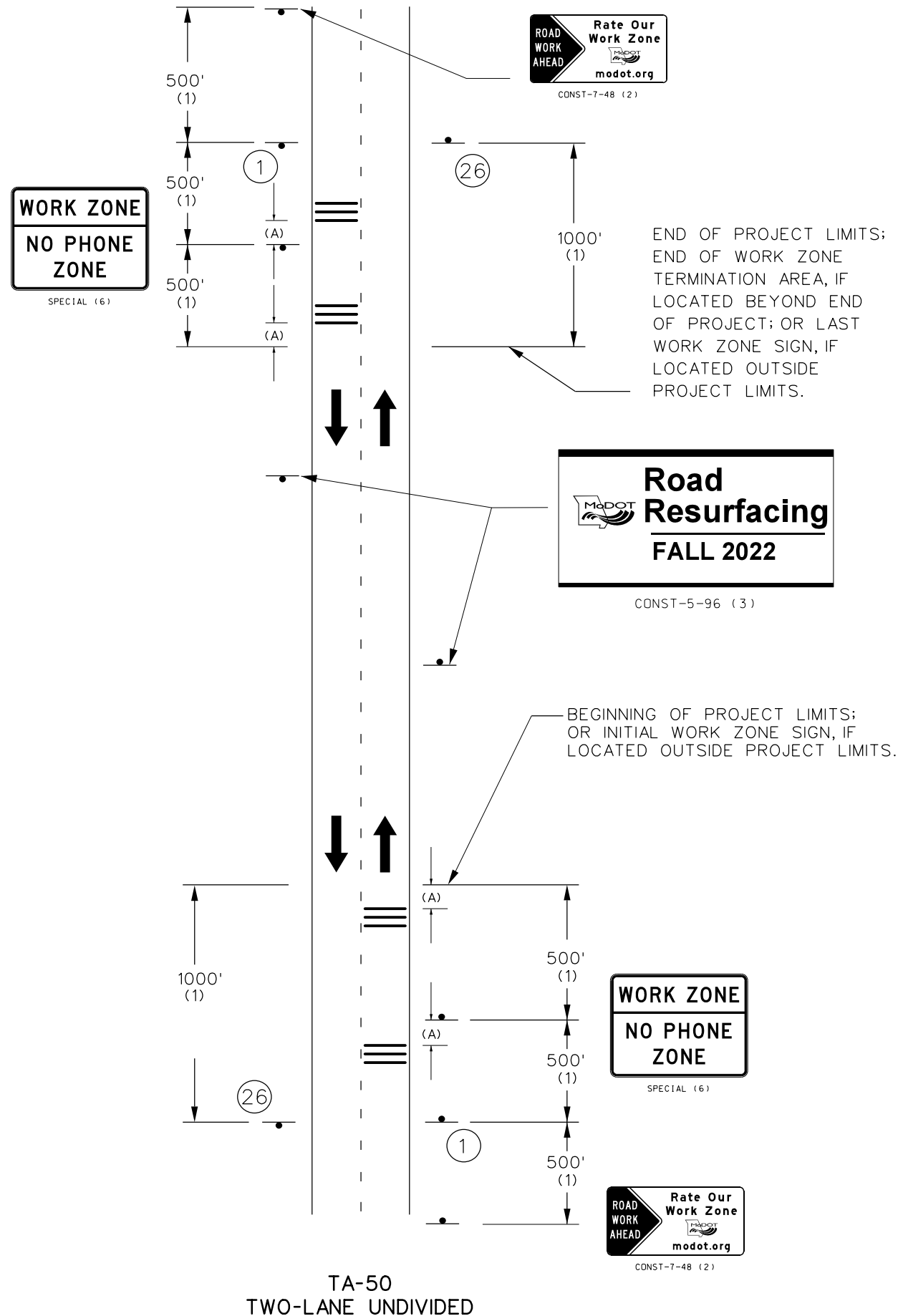
**TAPER LENGTH (L)**  
 L = W X P FOR 40 MPH OR MORE  
 L =  $\frac{WP^2}{60}$  FOR 35 MPH OR LESS  
 L = TAPER LENGTH IN FEET  
 W = LATERAL SHIFT IN FEET  
 P = POSTED SPEED PRIOR TO ROAD WORK IN MPH

- SIGN (SINGLE SIDED)
- FLAGGER
- CHANNELIZER
- PROTECTIVE VEHICLE WITH WORK SIGN, FLASHING ARROW PANEL AND REAR-MOUNTED IMPACT ATTENUATOR UNIT.
- FLASHING ARROW PANEL
- CHANGEABLE MESSAGE BOARD
- BARRICADE

**LEGEND NOTE:**  
 THE PROTECTIVE VEHICLE SIGN SHALL BE MOUNTED AT A RECOMMENDED HEIGHT OF 48 IN. ABOVE THE ROAD SURFACE.  
 \* TO BE DIRECTED BY THE ENGINEER

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

	DATE PREPARED 11/23/2021	ROUTE 1	STATE MO	SHEET NO. 18	COUNTY CLAY
		DISTRICT KC			JOB NO. J4S3343
					CONTRACT ID.
					PROJECT NO.
					BRIDGE NO.
DESCRIPTION					
DATE					
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)				



NOTES:

SIGN G020-1 IS REQUIRED PER EPG 616.6.56.

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

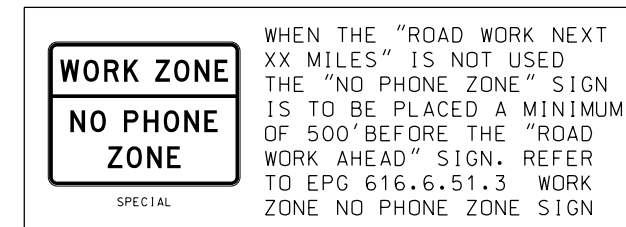
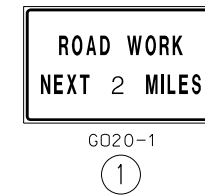
(2) SIGN CONST-7-48 OR CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) SIGN CONST-5-96 OR CONST-5-48 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-48 OR CONST-7-72.

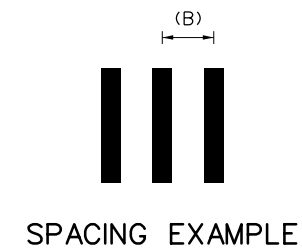
(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHT OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(5) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITION. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHT OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS. BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



TEMPORARY LONG-TERM RUMBLE STRIPS		
SPEED MPH	DISTANCE (A)	SPACING (B)
0-45 (OPTIONAL)	120 FT	10 FT
50-55	160 FT	20 FT
60-70	200 FT	30 FT



BEGIN/END  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 2 OF 11

DATE PREPARED: 11/23/2021

ROUTE 1 STATE MO DISTRICT KC SHEET NO. 19 COUNTY CLAY JOB NO. J4S3343 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.

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

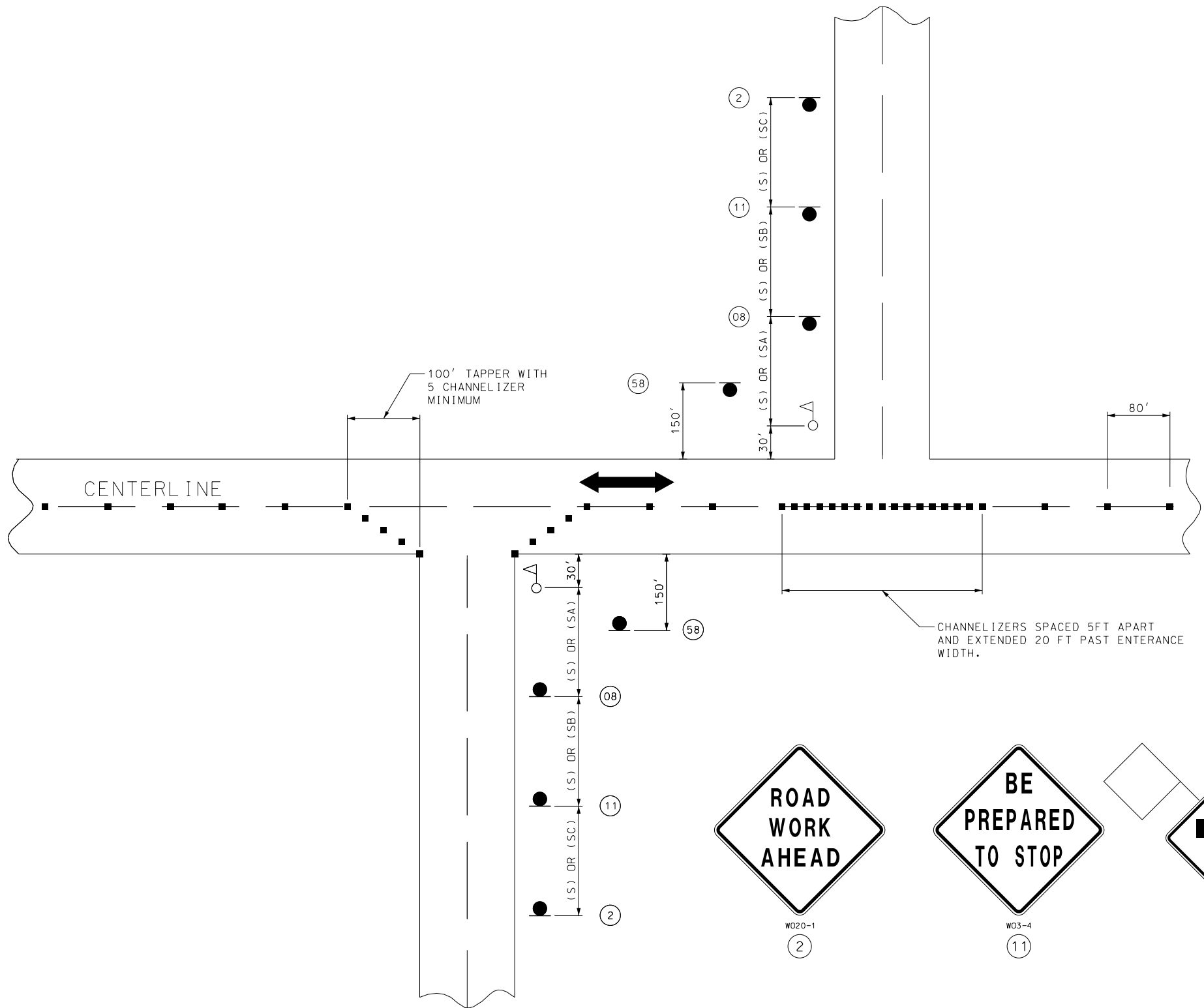
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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 (AS SPECIFIED)

○ - FLAGGER



SIDE ROADS ENTERING WORK ZONES

PILOT CAR  
IN USE  
WAIT & FOLLOW

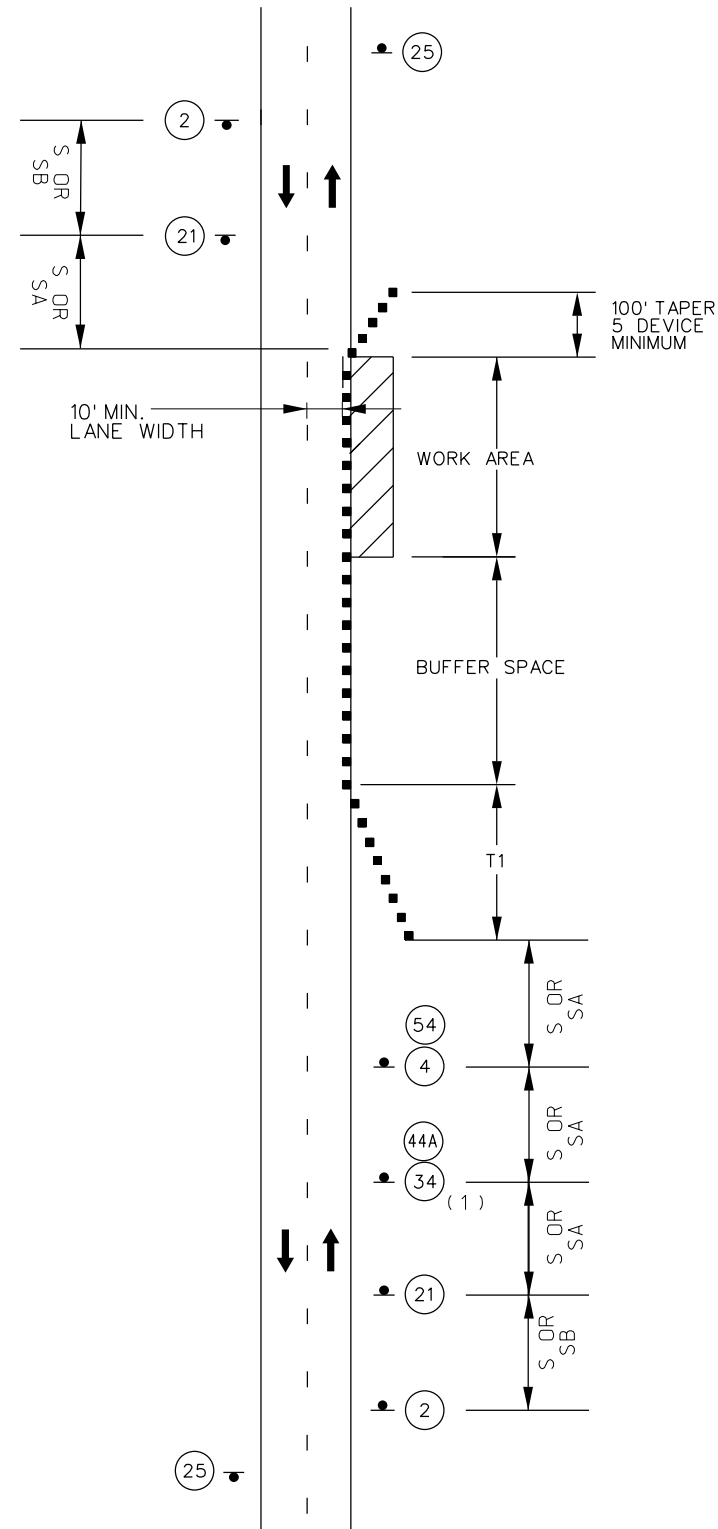
SIGN 58, SHALL BE PLACED AT ALL SIDE ROADS WHEN IN USE DURING OPERATION.

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 20
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

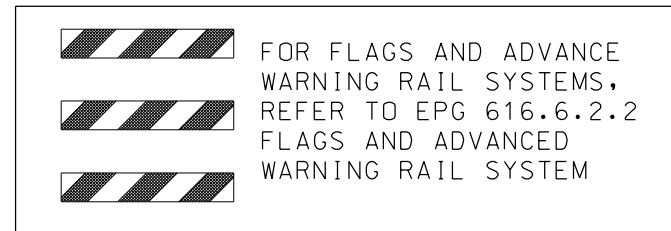
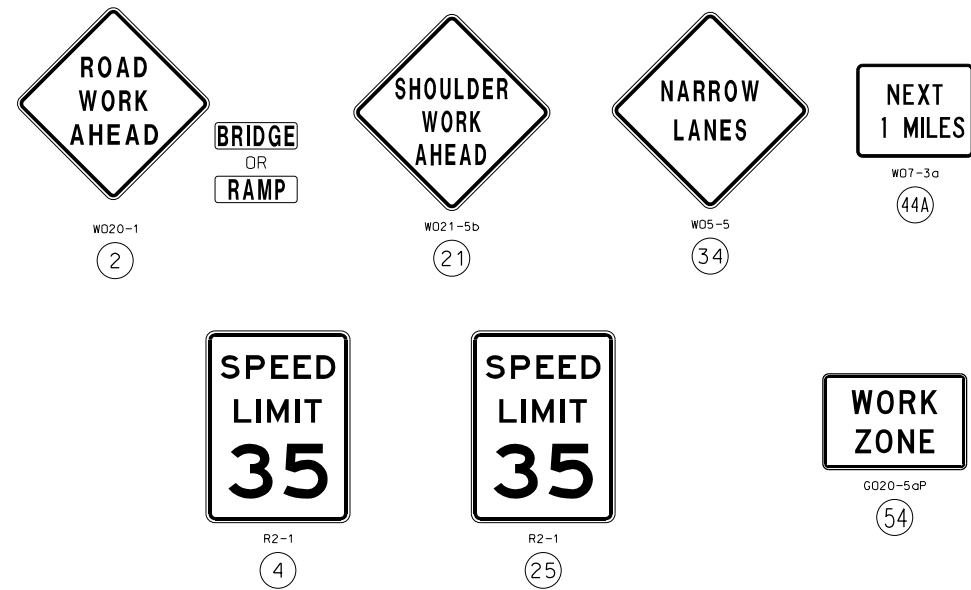
MODOT

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

TRAFFIC CONTROL  
SHEET 3 OF 11



TWO LANE UNDIVIDED  
SHOULDER WORK  
MINOR TRAVELWAY ENCROACHMENT



NOTES:

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

TA-06

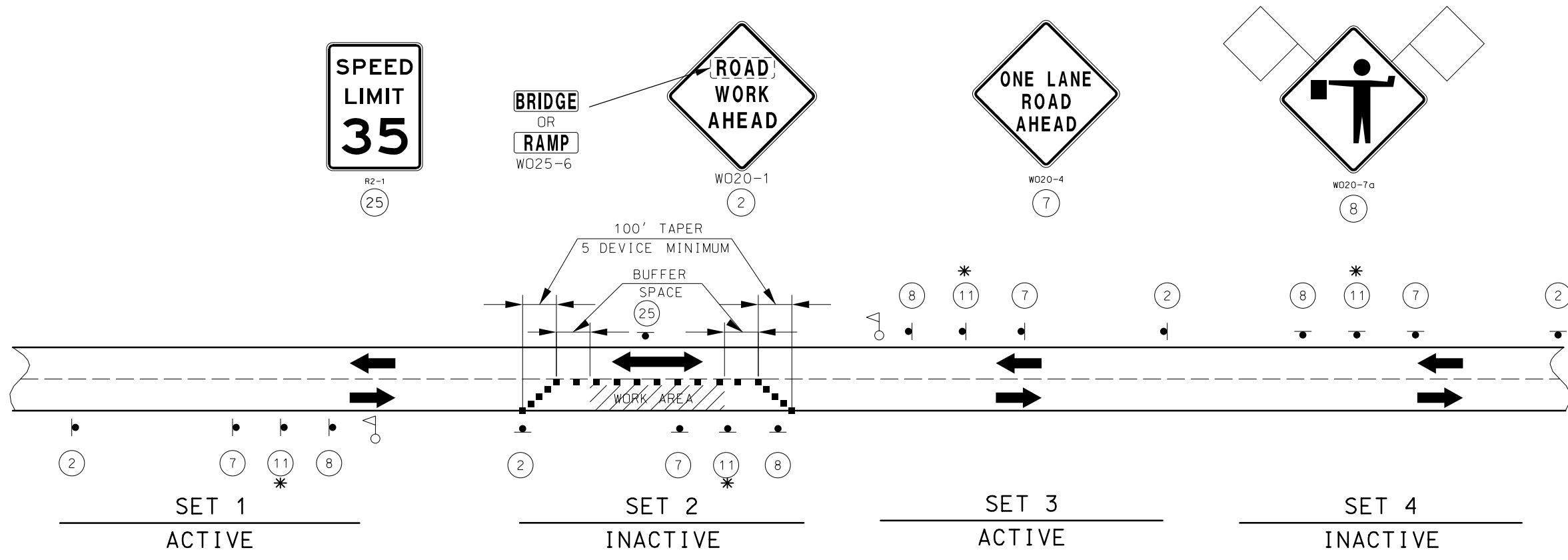
SHOULDER WORK  
MINOR ENCROACHMENT  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 4 OF 11

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 21
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN 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 SET 2 AND 4, SIGN SET 2 AND 4 BECOME ACTIVE (I.E. NEW SIGN SET 1 AND 3) AND SIGN SET 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E. NEW SIGN SET 2 AND 4).

**NOTES:**

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

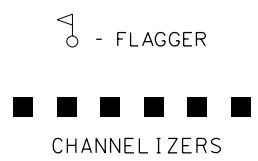
SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

DAYLIGHT FLAGGING OPERATIONS ONLY.

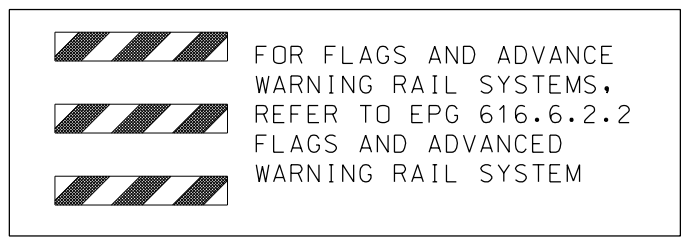
CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SHORT TERM RUMBLE STRIPS ELIMINATED DUE TO LOW SPEED.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 "RUMBLE STRIPS".



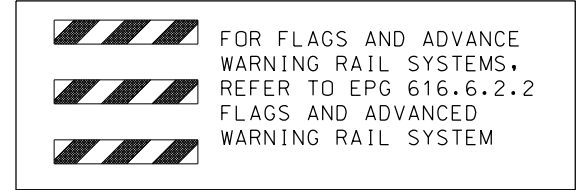
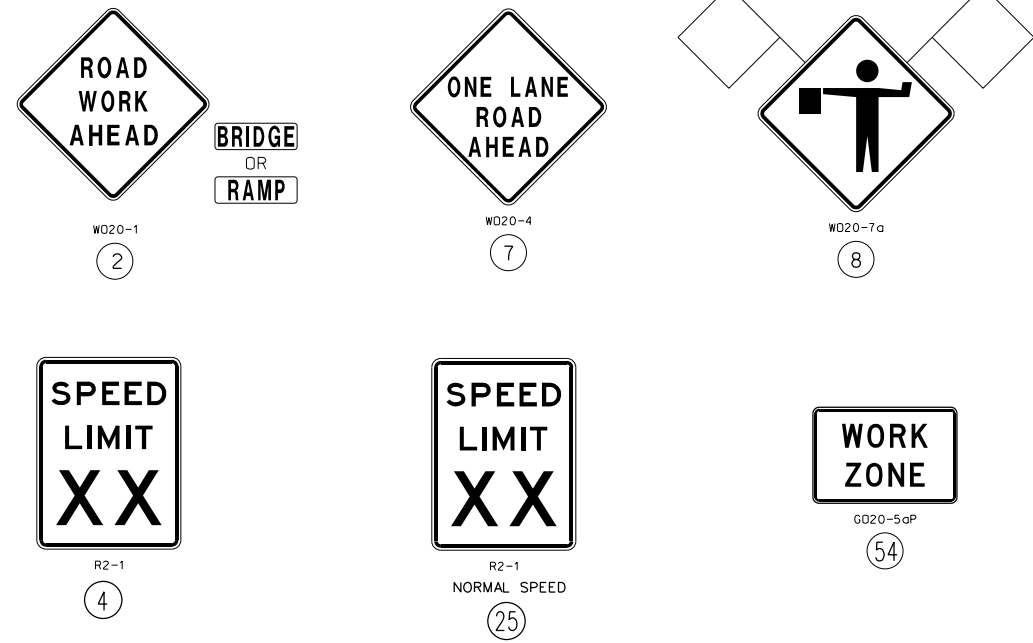
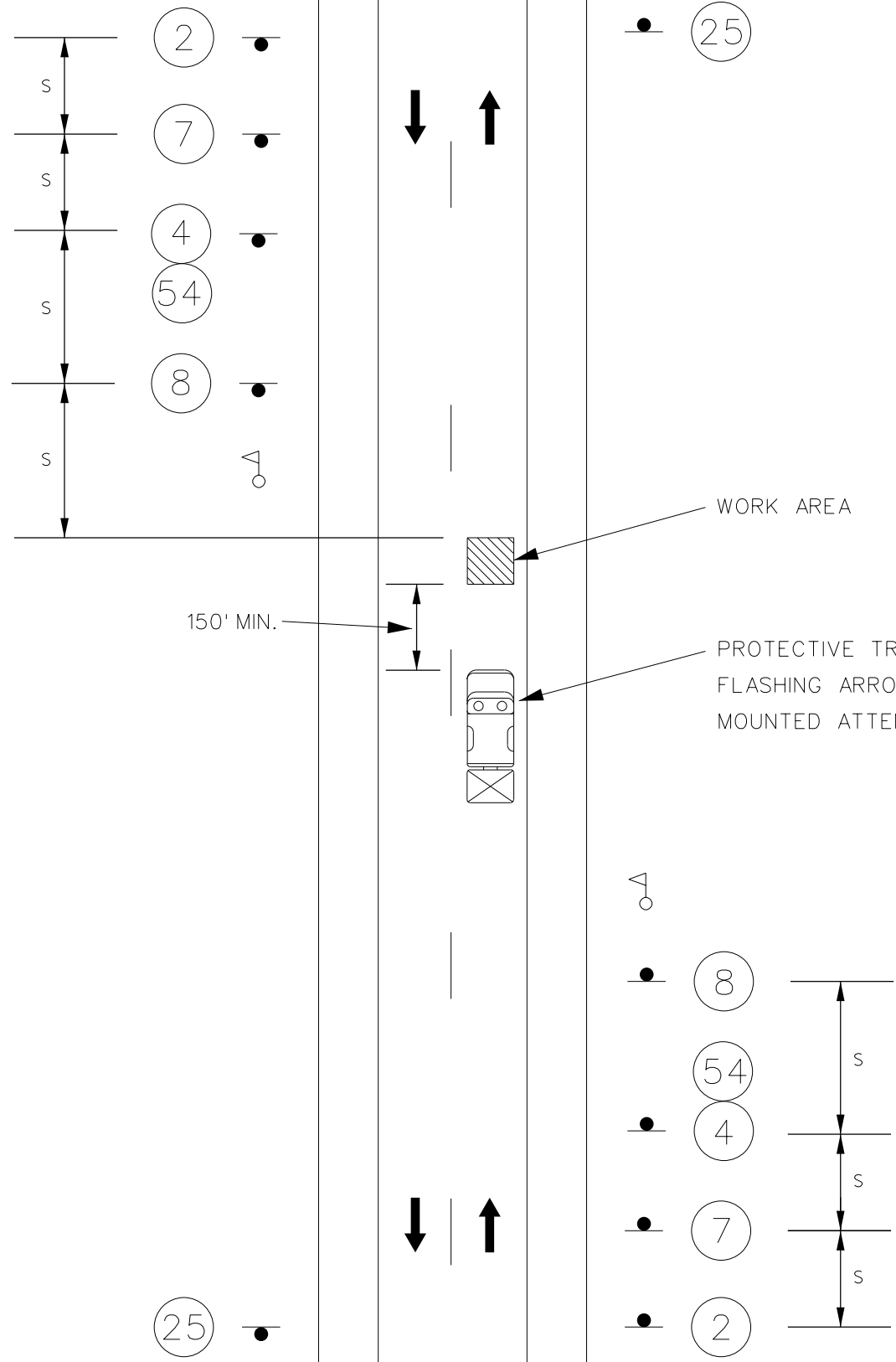
\* NOTE: THIS SIGN IS INSERTED BETWEEN SIGNS 7 & 8 WITH THE SPACING OF 1/2 THE STANDARD SPACING WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED.



TA-10D

FLAGGER CONTROL  
RESURFACING  
OR MOVING OPERATION  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 5 OF 11

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 22
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	



**NOTES:**

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

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

FLASHING ARROW PANELS SHALL BE OPERATED IN CAUTION MODE.

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

THE FLAGGER POSITION SHOULD BE LOCATED WHERE THEY WILL PROVIDE THE MOST VALUE TO THE MOTORIST AND THE WORK CREW.

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, FLASHING, OSCILLATING, OR STROBE LIGHTS.

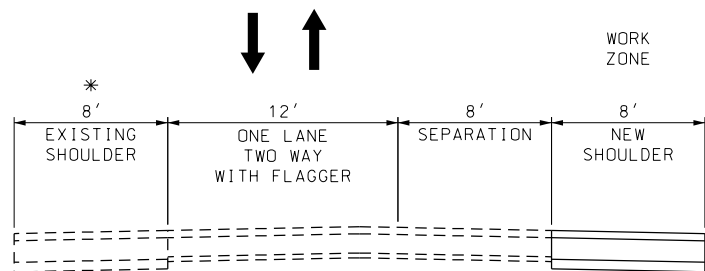
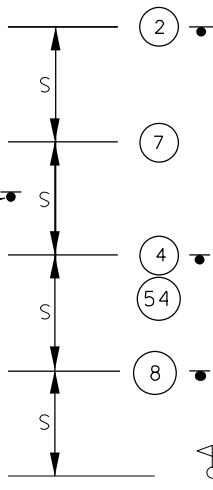
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 23
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	<p>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</p>

**TWO-LANE UNDIVIDED HIGHWAY  
MOVING OPERATION ON HIGHWAY OPEN TO TRAFFIC**

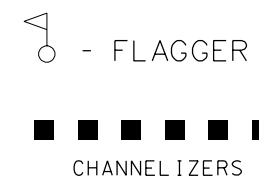
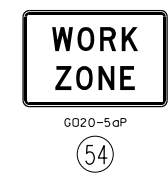
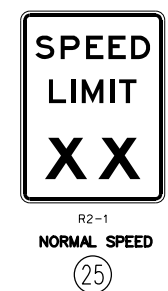
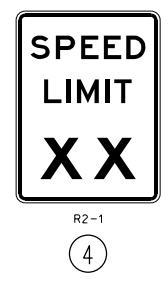
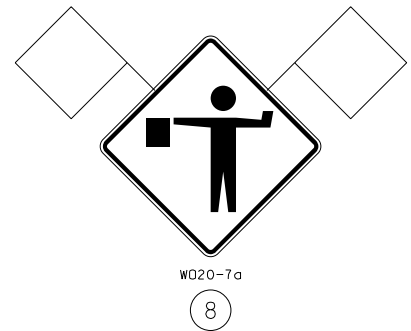
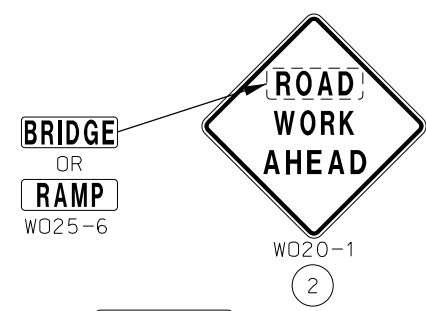
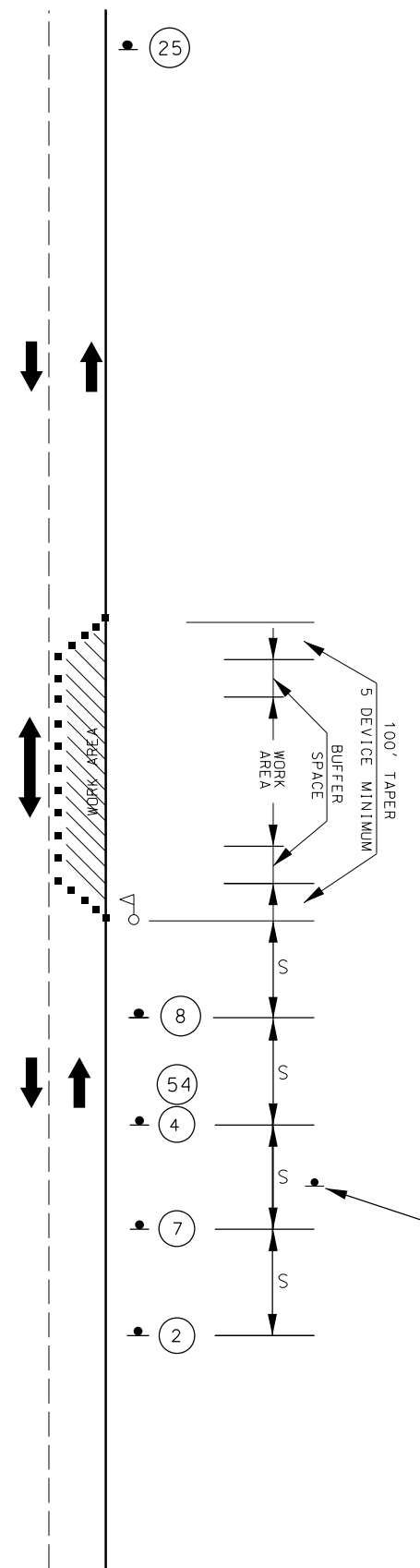
TA-17

MOVING OPERATION  
OPEN TO TRAFFIC  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 6 OF 11



PHASE 1  
TRAFFIC CONTROL  
SETUP

\* NOT FOR TRAFFIC,  
DO NOT DRIVE ON SHOULDER



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

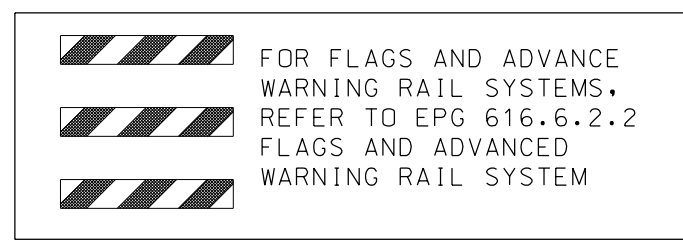
SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING:  
EPG 616.8.10A (TA-10A) LANE CLOSURE ON TWO-LANE HIGHWAYS USING AUTOMATED FLAGGER ASSISTANCE DEVICE WITH RED AND AMBER SIGNAL SYSTEM & EPG 616.8.10 (TA-10C) LANE CLOSURE ON TWO-LANE HIGHWAYS USING PORTABLE SIGNAL FLAGGING DEVICE.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

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



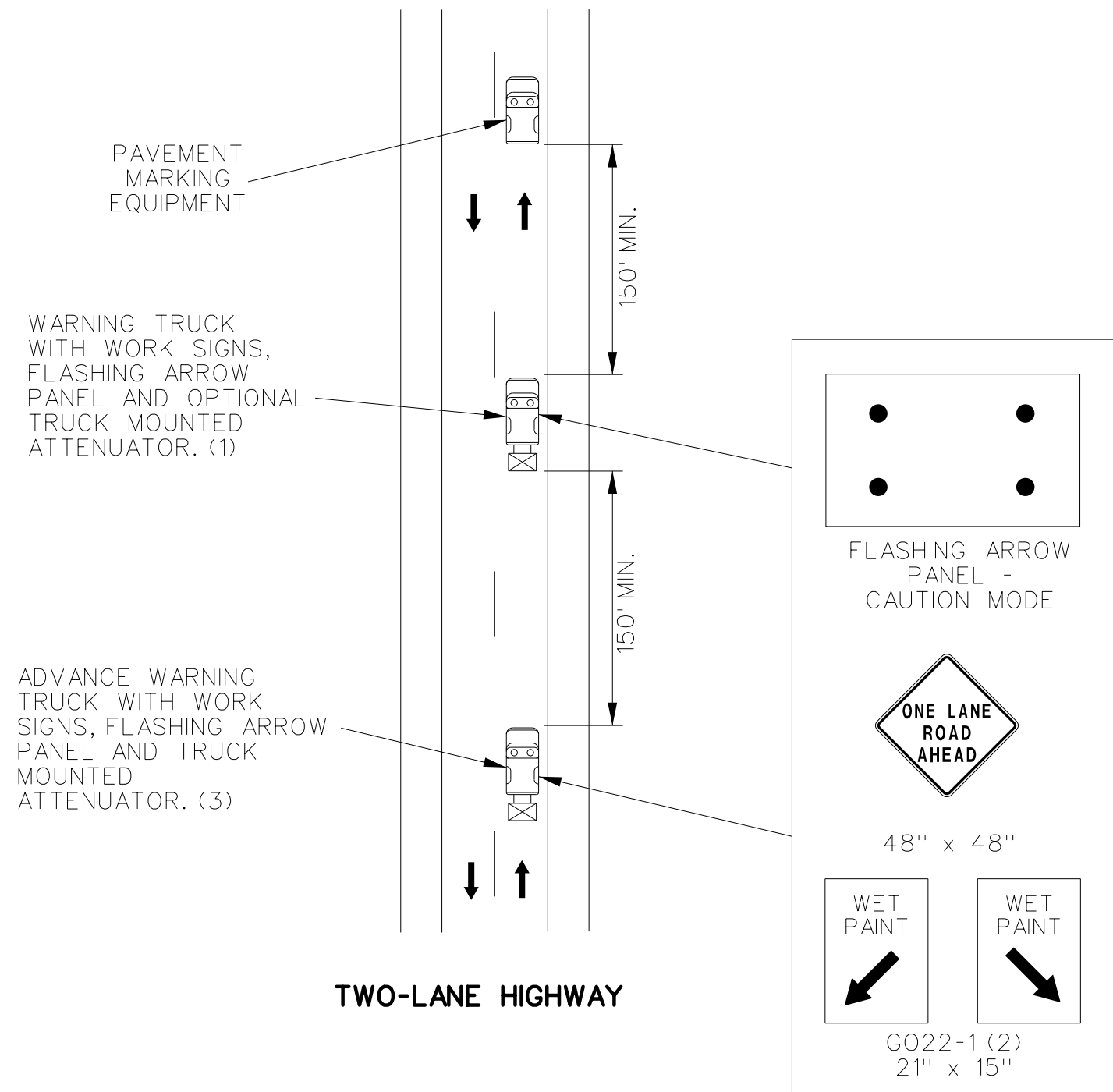
TA-10  
LANE CLOSURE  
ON TWO-LANE  
ROAD USING FLAGGERS

ONE LANE CLOSURE TWO WAY  
FLAGGER CONTROL  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 7 OF 11

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	DATE PREPARED	11/23/2021	
	ROUTE	1	STATE MO
	DISTRICT	KC	SHEET NO. 24
	COUNTY	CLAY	
	JOB NO.	J4S3343	
	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.





**MOVING OPERATION ON HIGHWAY  
OPEN TO TRAFFIC**

**TA-17A**

**NOTES:**

ALL SIGNS HAVE TYPE 3 FLUORESCENT ORANGE RETROFLECTIVE SHEETING.

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, FLASHING, OSCILLATING, OR STROBE LIGHTS.

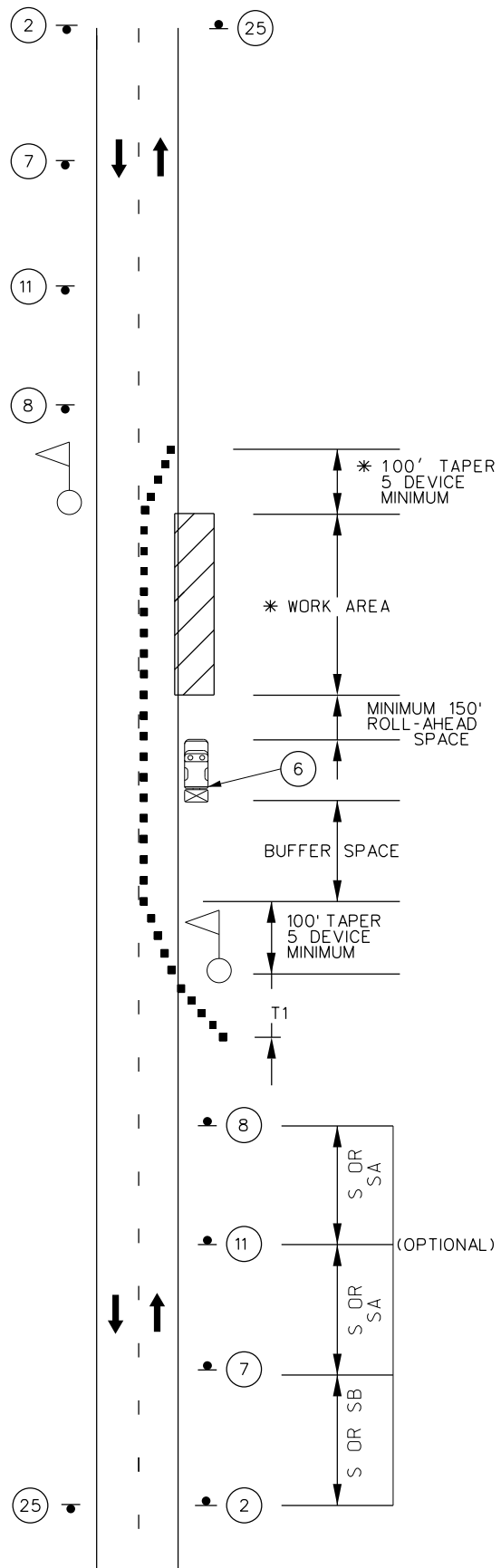
(1). TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(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). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

MOVING OPERATION  
OPEN TO TRAFFIC  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 9 OF 11

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 26
COUNTY CLAY	
JOB NO. J4S3343	
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)



NON-DIVIDED HIGHWAY SHOULDER WORK  
WHEN LANE CLOSURE IS REQUIRED

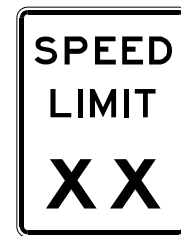


W020-1  
2



W03-4  
11

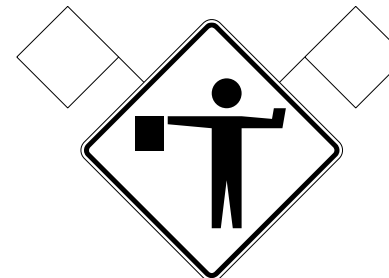
\* EXTEND CHANNELIZERS  
ACROSS BRIDGE AND TAPER  
BEYOND THE BRIDGE



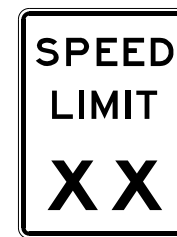
R2-1  
4



W020-4  
7



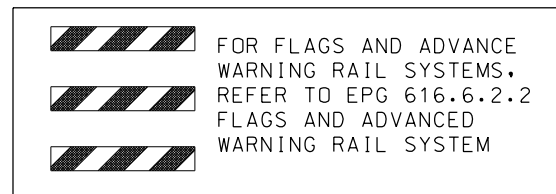
W020-7a  
8



R2-1  
25



G020-5aP  
54



NOTES:

- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). IF WORK AREA IS WITHIN 15' OF SHOULDER

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 27
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

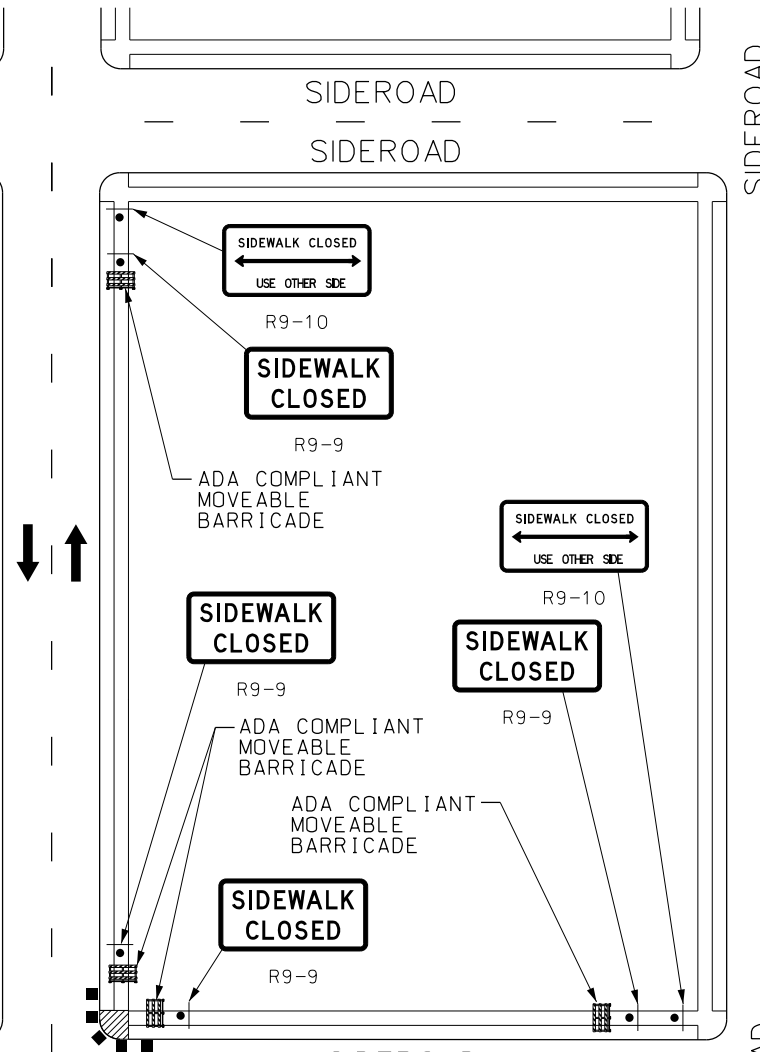
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIDEROAD

SIDEROAD  
SIDEROAD

IF LANE CLOSURE IS NEEDED  
SEE ADDITIONAL TRAFFIC  
CONTROL SHEETS FOR SIGNS  
AND SPACING. (2) OR (21)



SIDEROAD

SIDEROAD  
SIDEROAD

SIDEWALK CLOSED  
USE OTHER SIDE  
R9-10

SIDEWALK CLOSED  
R9-9

ADA COMPLIANT  
MOVEABLE  
BARRICADE

SIDEWALK CLOSED  
USE OTHER SIDE  
R9-10

SIDEWALK CLOSED  
R9-9

ADA COMPLIANT  
MOVEABLE  
BARRICADE

SIDEWALK CLOSED  
R9-9

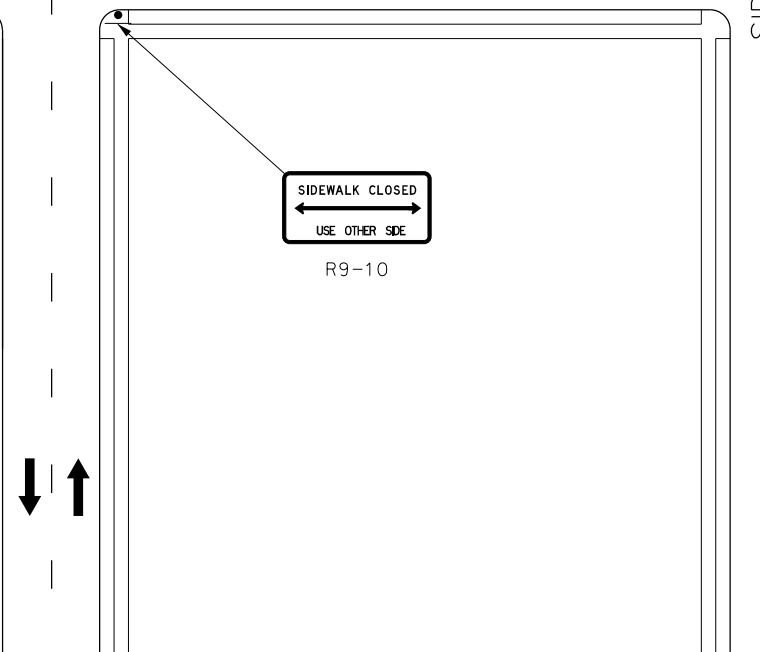
ADA COMPLIANT  
MOVEABLE  
BARRICADE

SIDEWALK CLOSED  
R9-9

SIDEROAD  
SIDEROAD

SIDEROAD

SIDEROAD  
SIDEROAD



SIDEROAD

SIDEROAD  
SIDEROAD

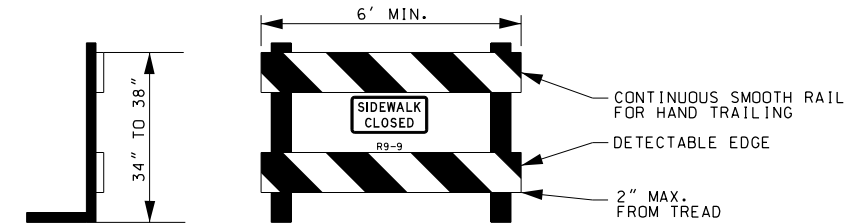
SIDEWALK CLOSED  
USE OTHER SIDE  
R9-10

R9-10

(2) OR (21)

IF LANE CLOSURE IS NEEDED  
SEE ADDITIONAL TRAFFIC  
CONTROL SHEETS FOR SIGNS  
AND SPACING.

ADA COMPLIANT MOVEABLE BARRICADE



- (1). WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
- (2). CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS REQUIRED.
- (3). NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY, ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
- (4). THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



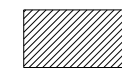
W020-1

(2)



W021-5

(21)



WORK AREA



CHANNELIZERS

NOTES:

- (1). ALL SIGNS AND BARRICADES SHALL BE MOVED TO THE OPPOSITE SIDE OF THE ROADWAY WHEN SIDEWALK UPGRADES ARE REQUIRED FOR BOTH SIDES OF THE ROAD.
- (2). ONLY THE TEMPORARY TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN OTHER DEVICES MAY BE NECESSARY TO CONTROL TRAFFIC, SEE OTHER TRAFFIC CONTROL SHEETS FOR LANE CLOSURES
- (3). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (4). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (5). FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- (6). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (7). PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.
- (8). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (9). SIGNS MAY ALSO BE PLACED IN THE MEDIAN OF THE ROADWAY IF THERE IS SUFFICIENT ROOM BETWEEN LANES

SIDEWALK WORK  
AT INTERSECTION  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 11 OF 11

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

DATE PREPARED

11/23/2021

ROUTE

1

STATE

MO

DISTRICT

KC

SHEET NO.

28

COUNTY

CLAY

JOB NO.

J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

