

**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**

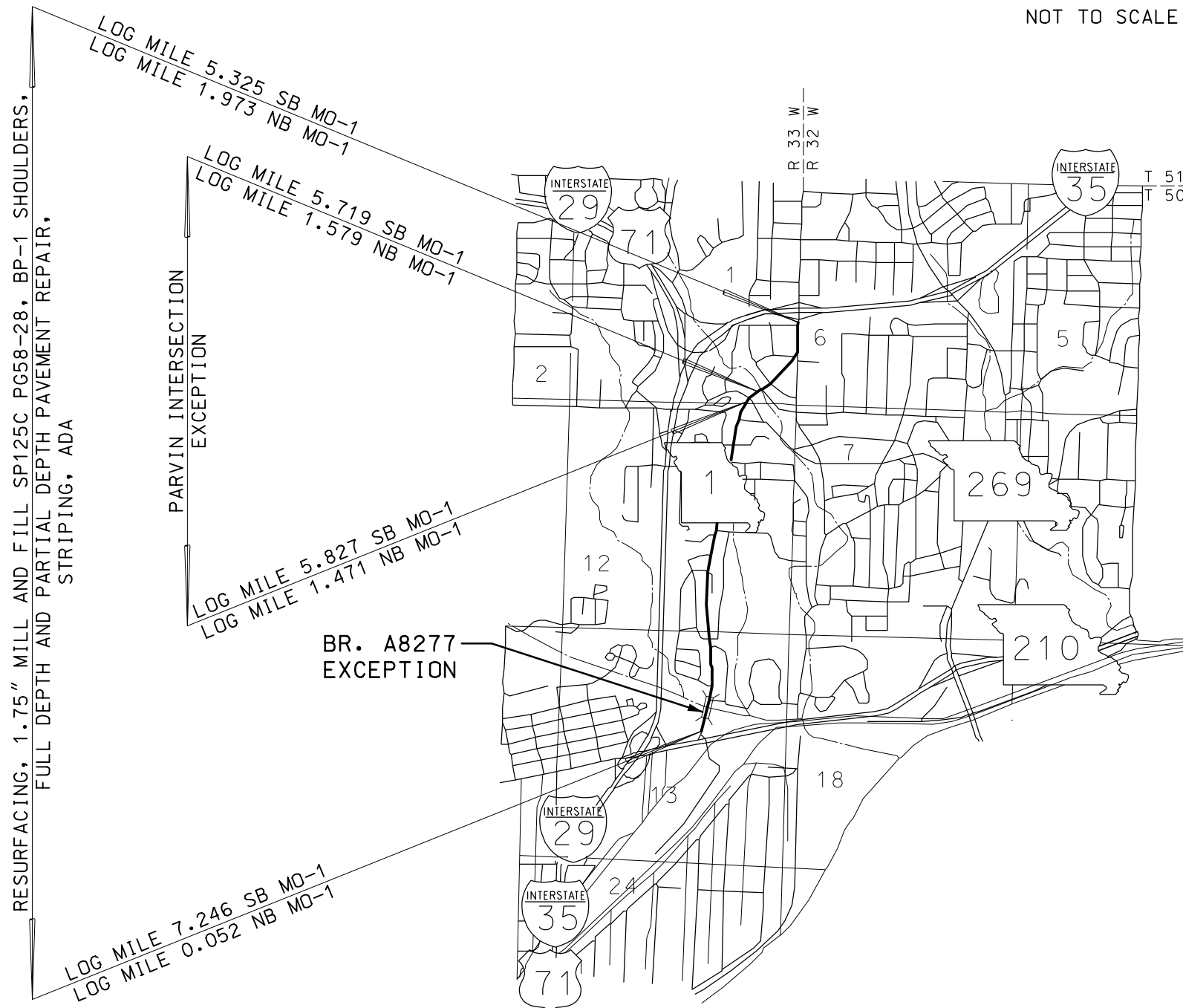
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE		
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

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

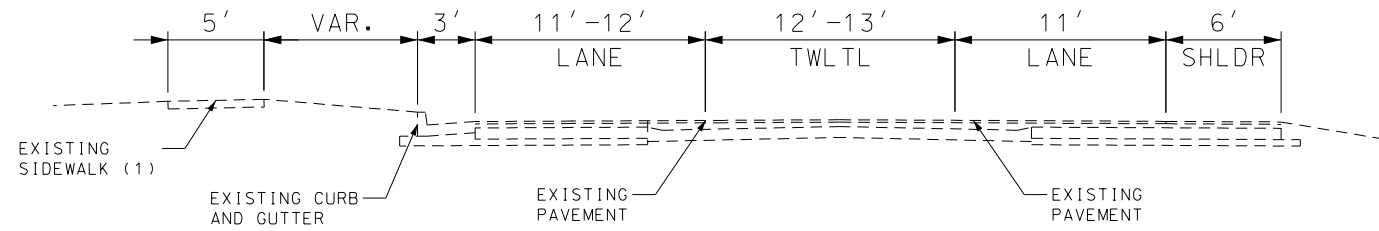
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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



MO-1 NB

MO-1 SB

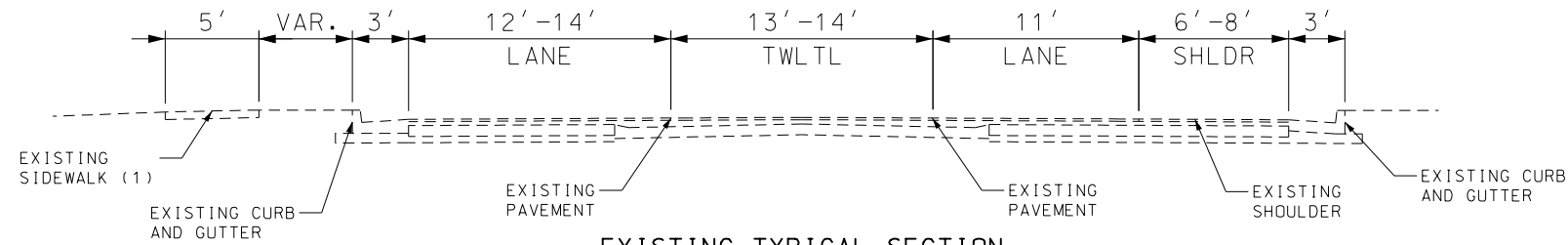


EXISTING TYPICAL SECTION  
LOG MILE 5.382 TO LOG MILE 5.388 SB

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

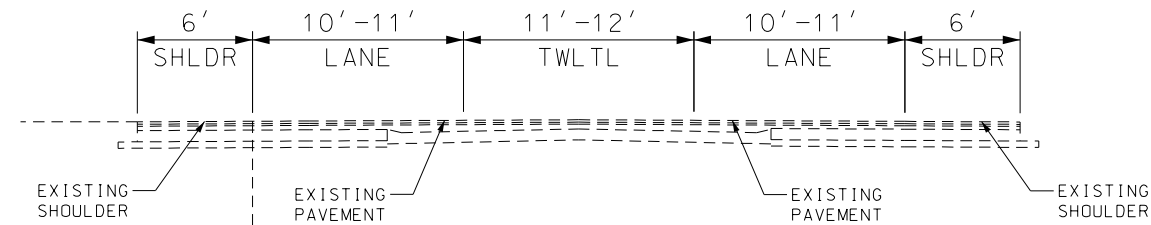
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

MODOT

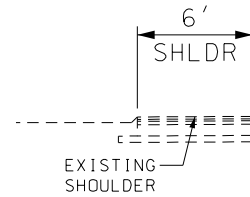
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MO-1 NB

MO-1 SB



EXISTING TYPICAL SECTION  
LOG MILE 5.400 TO LOG MILE 5.498 SB

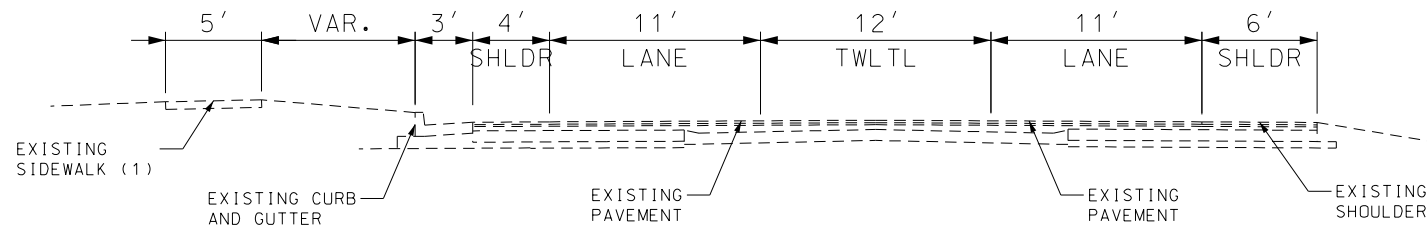


LOG MILE 5.445 TO LOG MILE 5.485 SB

NOTE:  
(1) OUTSIDE OF MODOT R/W

MO-1 NB

MO-1 SB



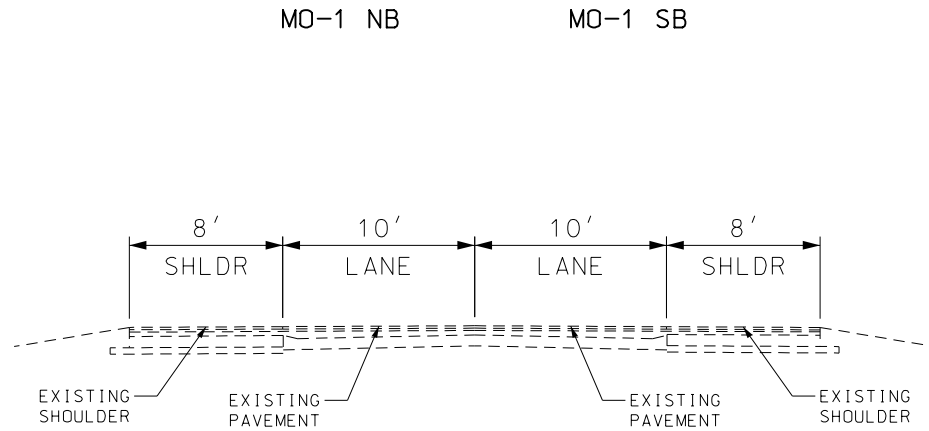
EXISTING TYPICAL SECTION  
LOG MILE 5.388 TO LOG MILE 5.400 SB

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

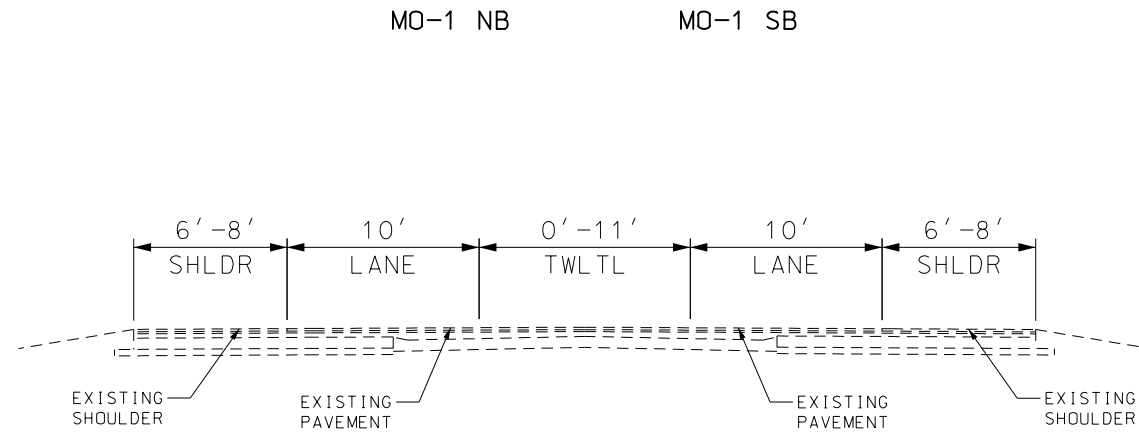
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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



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

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.

DESCRIPTION

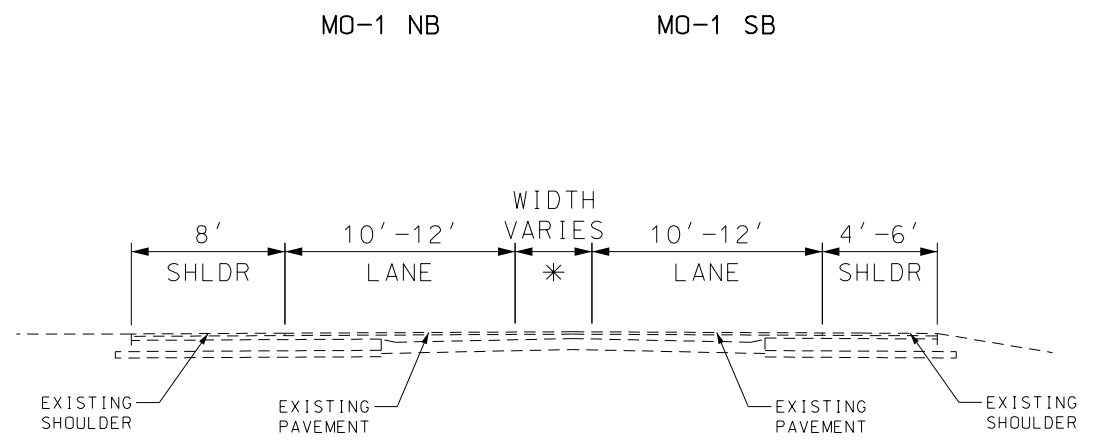
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

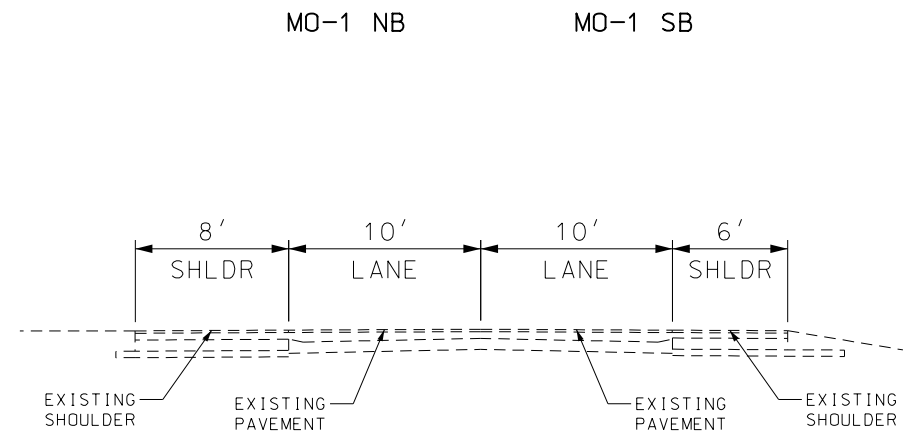
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



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



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



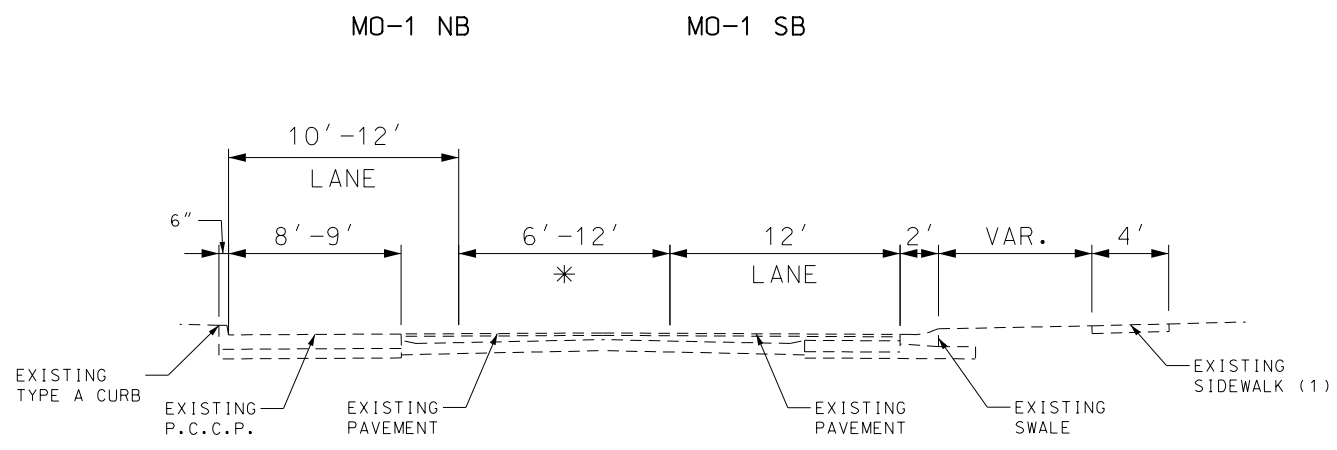
EXISTING TYPICAL SECTION  
 LOG MILE 6.832 TO LOG MILE 7.028 SB

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

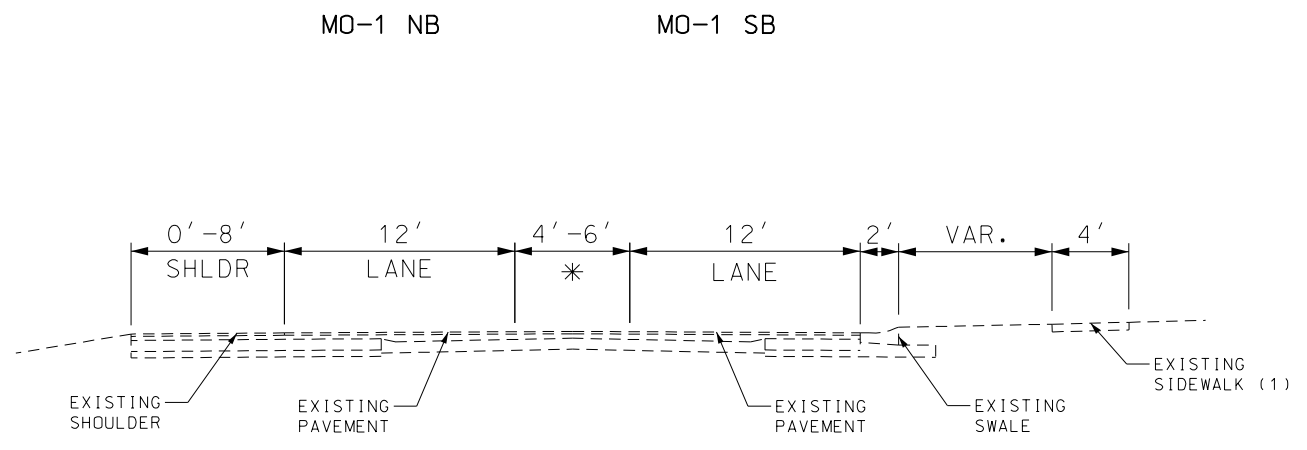
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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

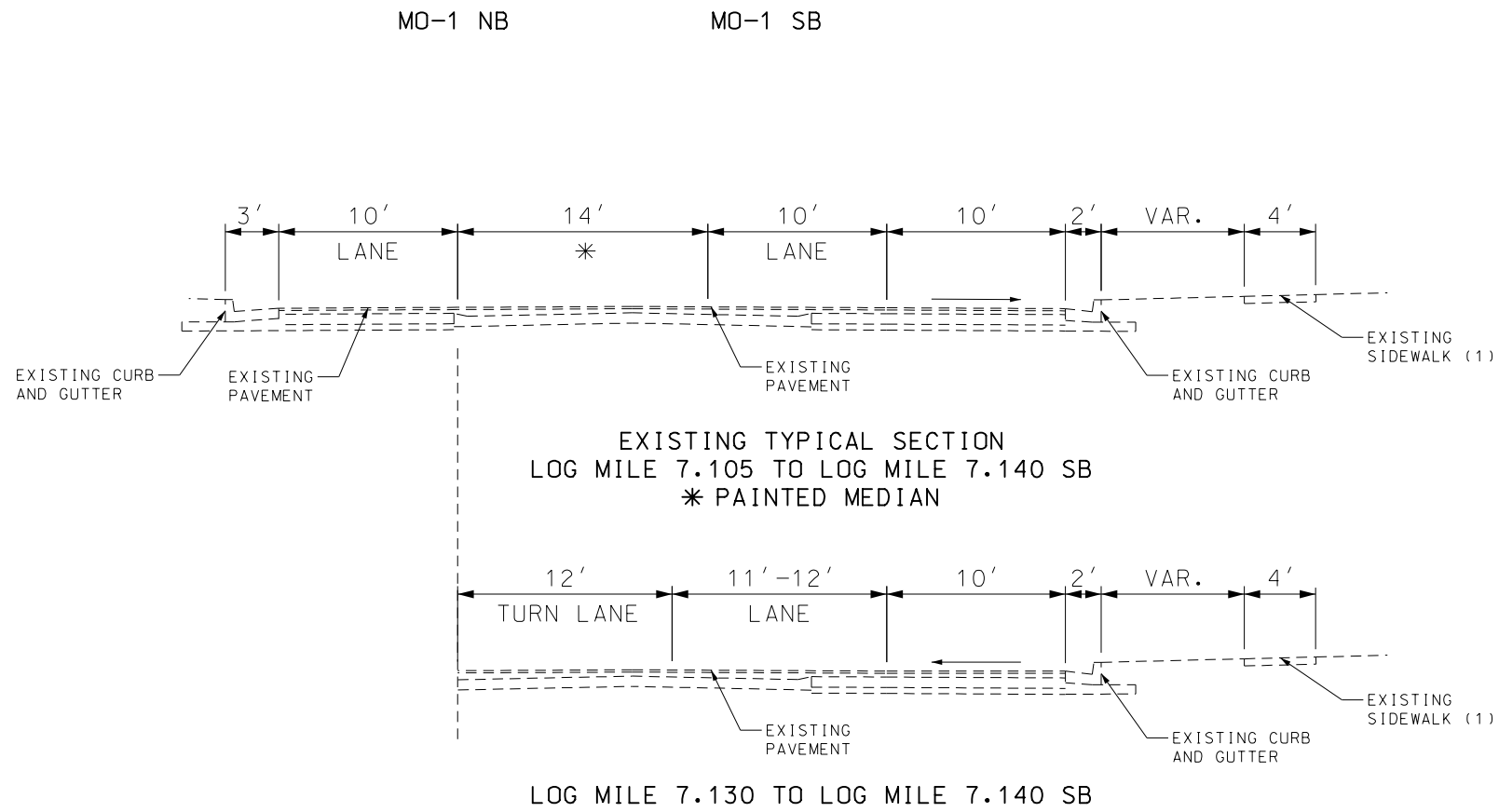
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
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JOB NO. J4S3343	
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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

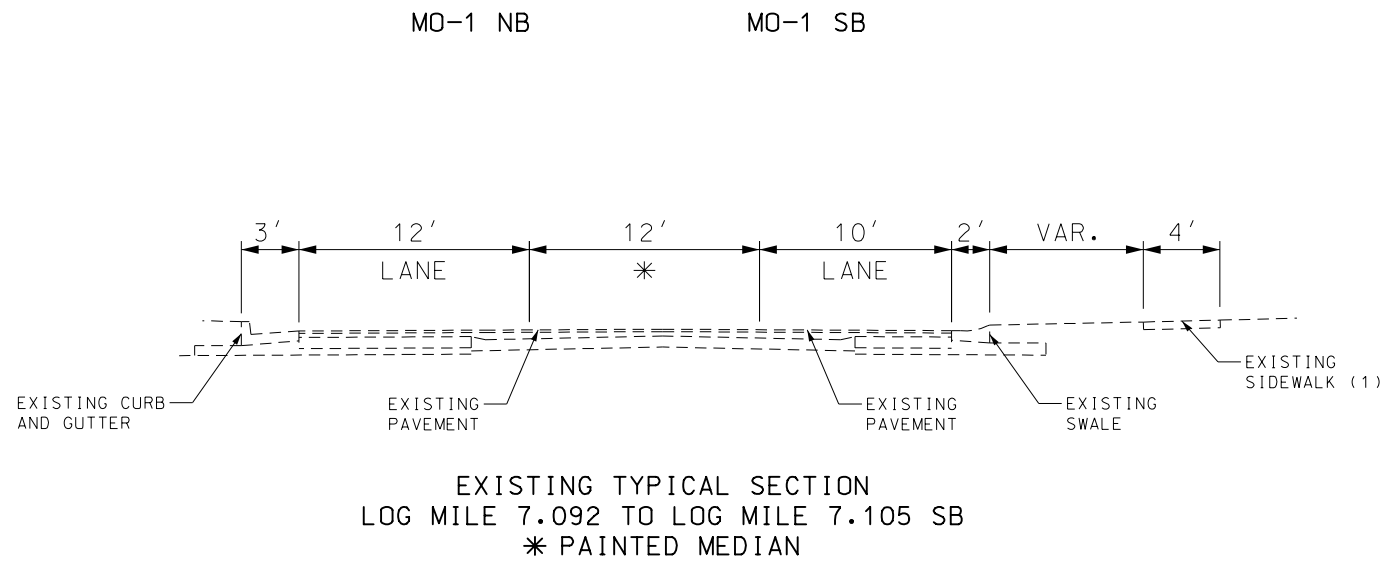


105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
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NOTE:  
(1) OUTSIDE OF MODOT R/W

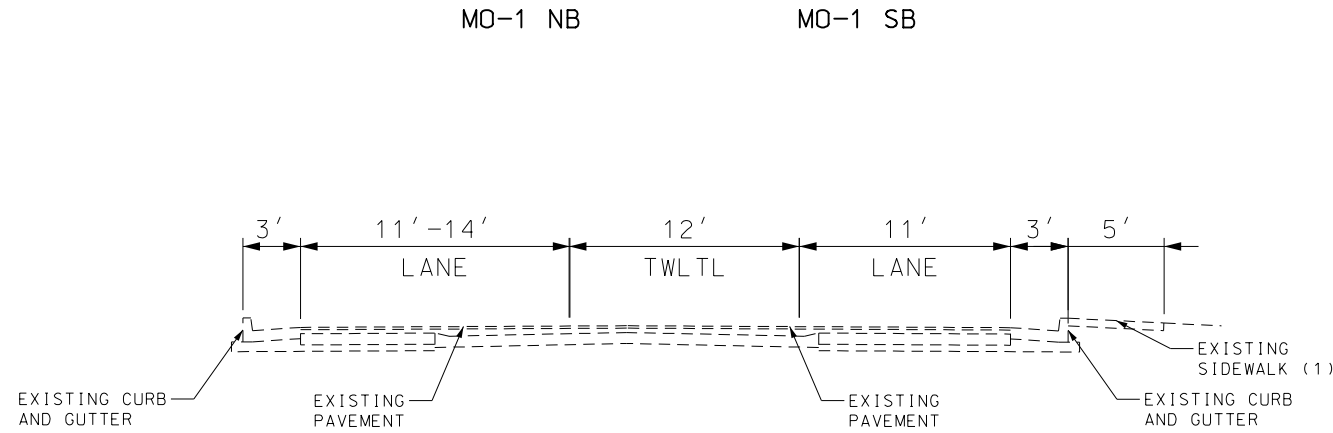


TYPICAL SECTIONS  
SHEET 7 OF 17

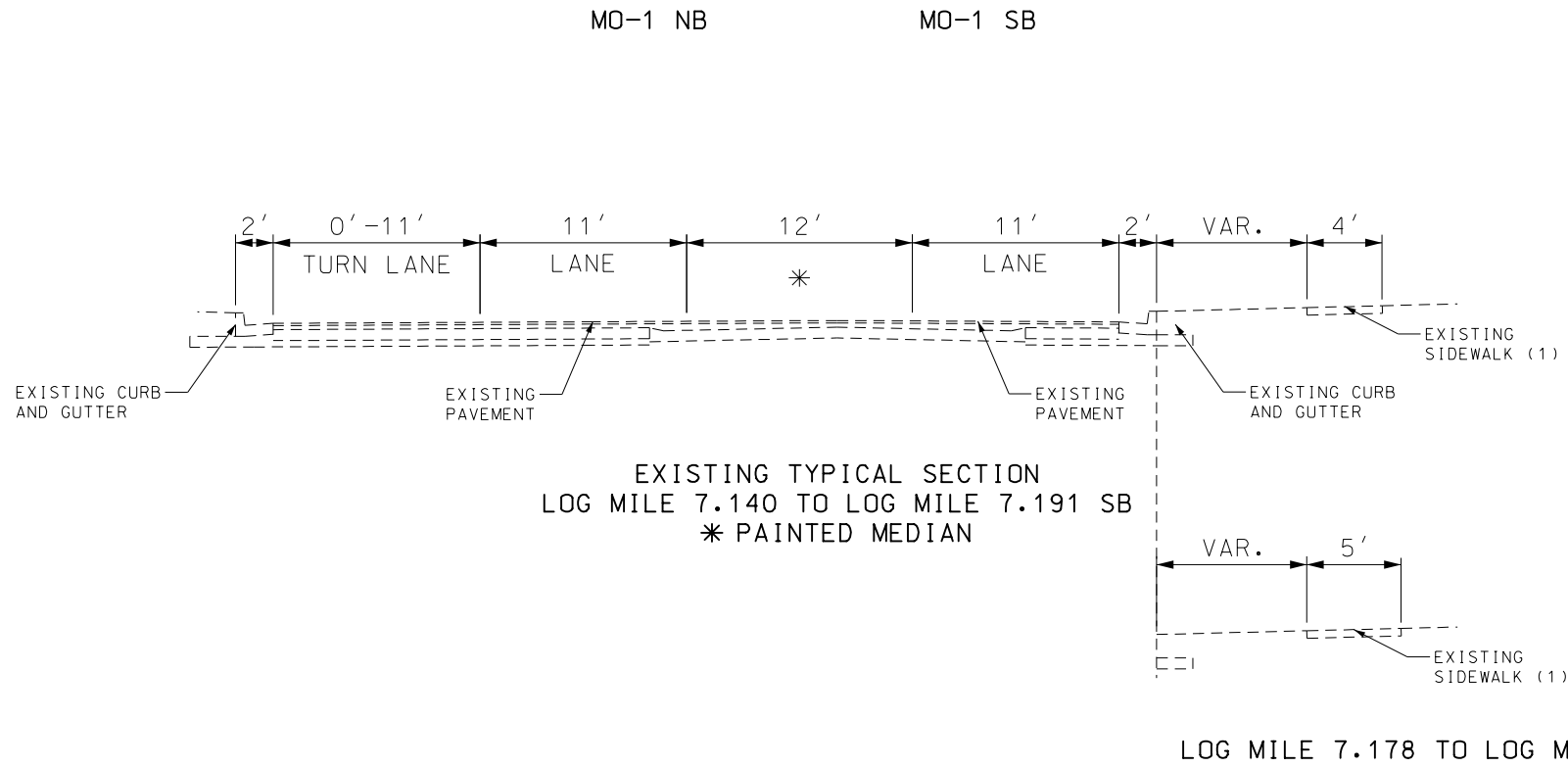
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

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



TYPICAL SECTIONS  
SHEET 8 OF 17

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

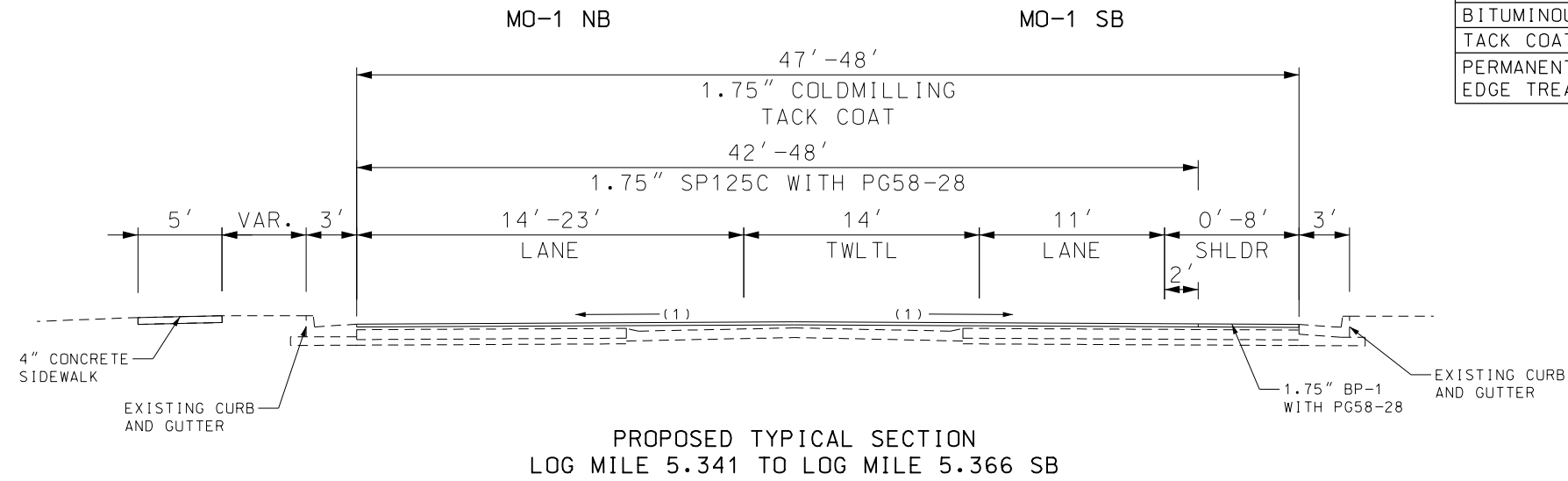
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

DATE	DESCRIPTION

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.	

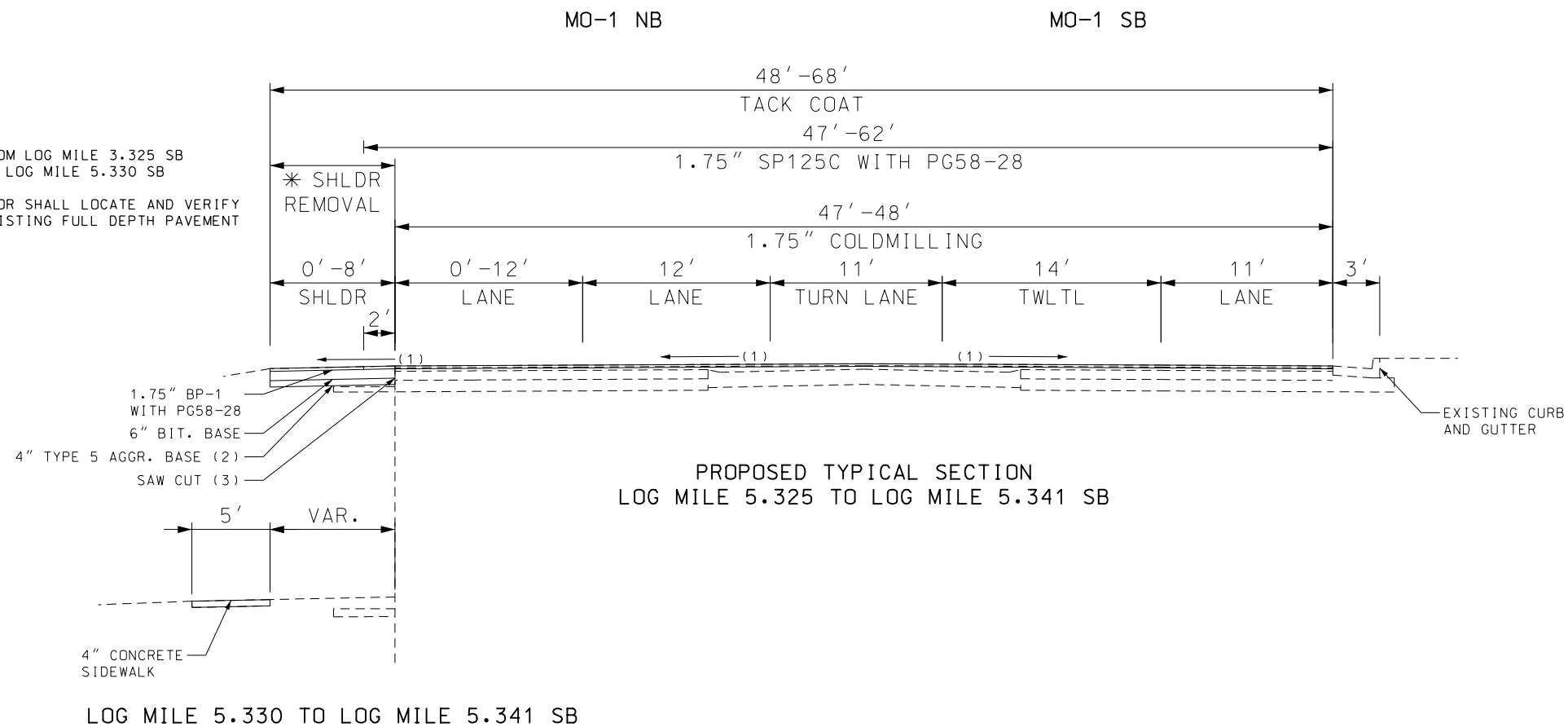
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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




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

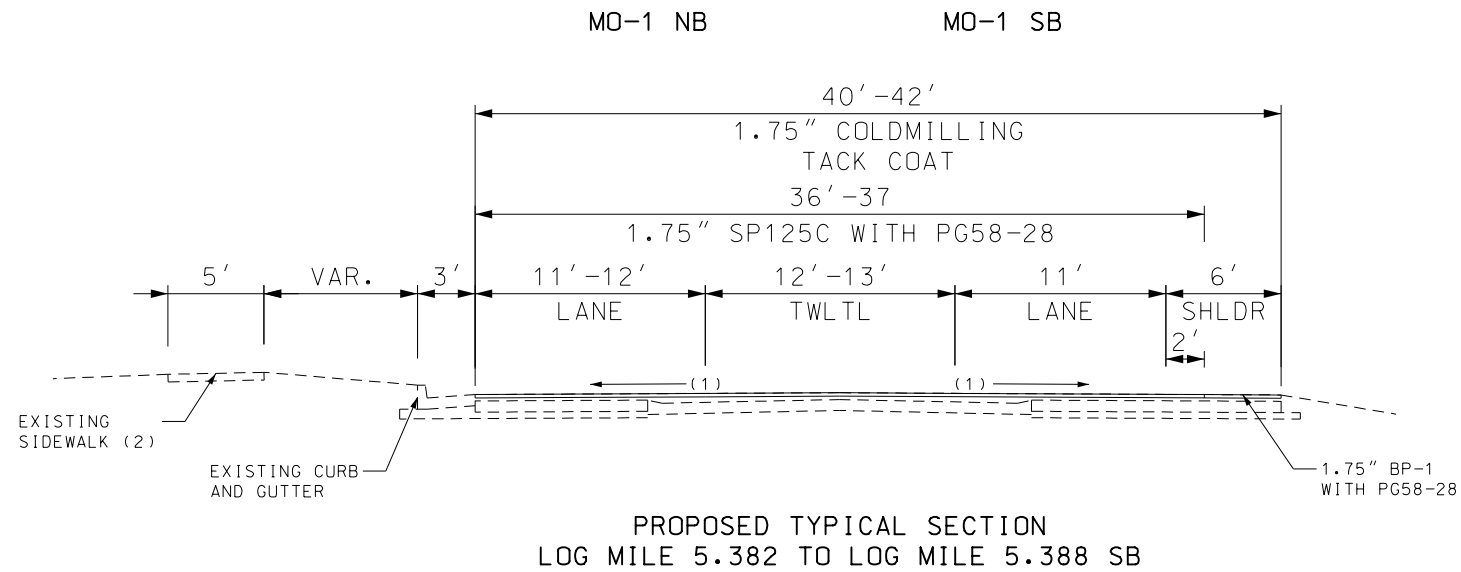
\* FROM LOG MILE 3.325 SB TO LOG MILE 5.330 SB  
\* CONTRACTOR SHALL LOCATE AND VERIFY EDGE OF EXISTING FULL DEPTH PAVEMENT



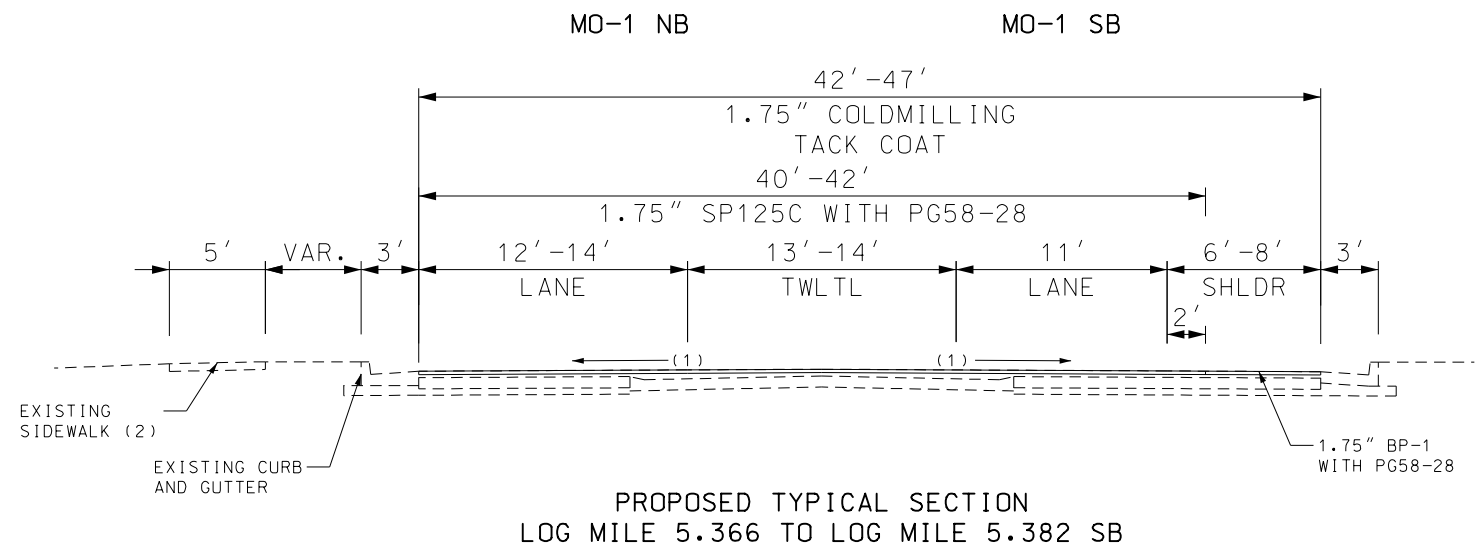
TYPICAL SECTIONS  
SHEET 9 OF 17

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)		

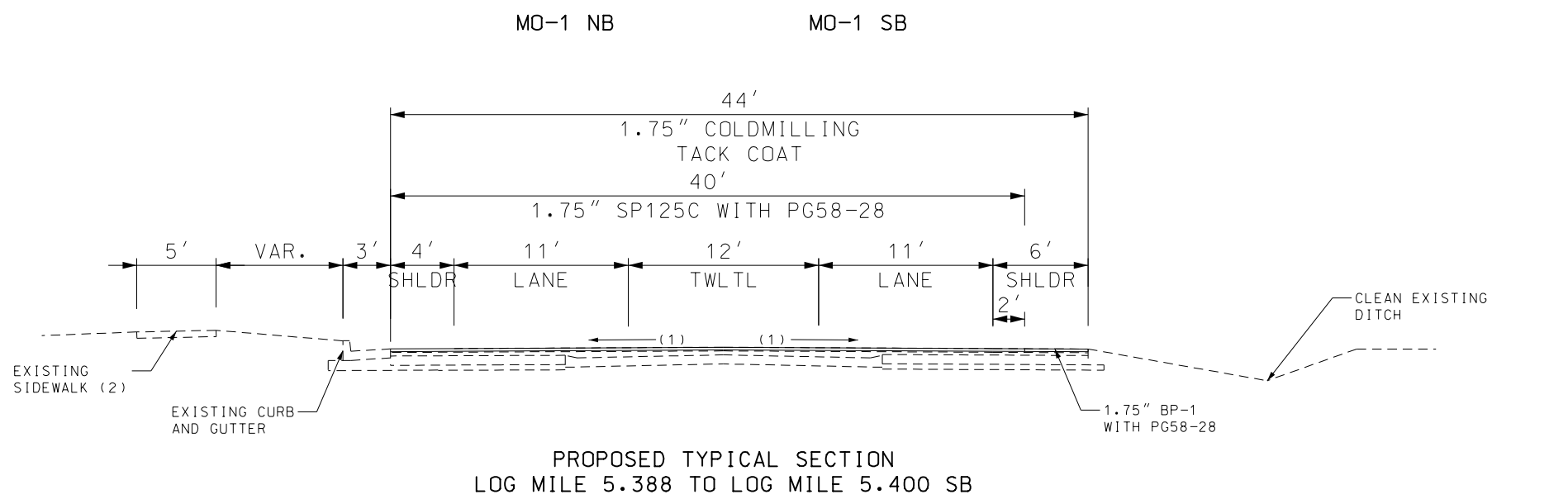
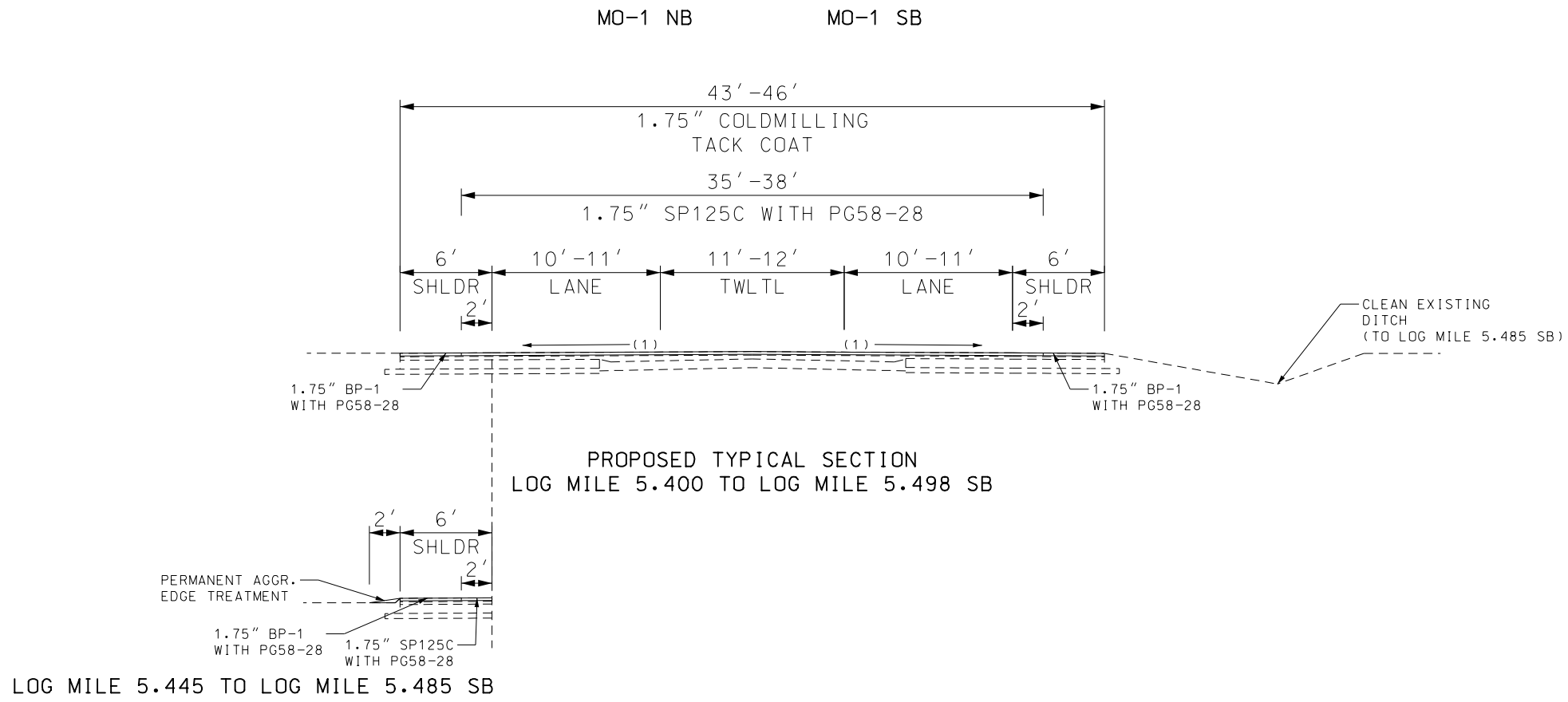
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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

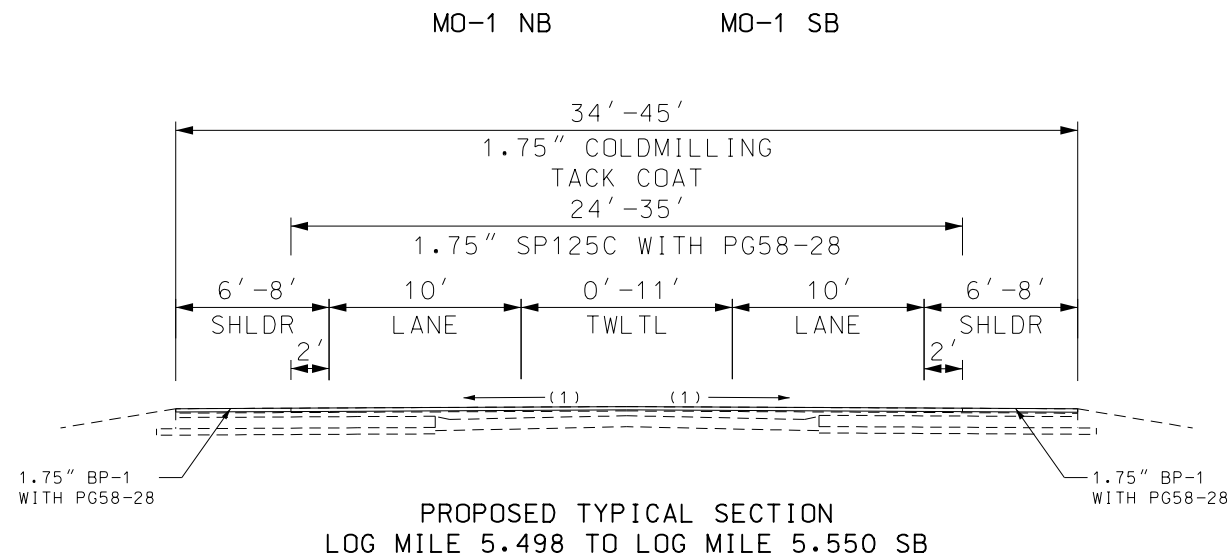
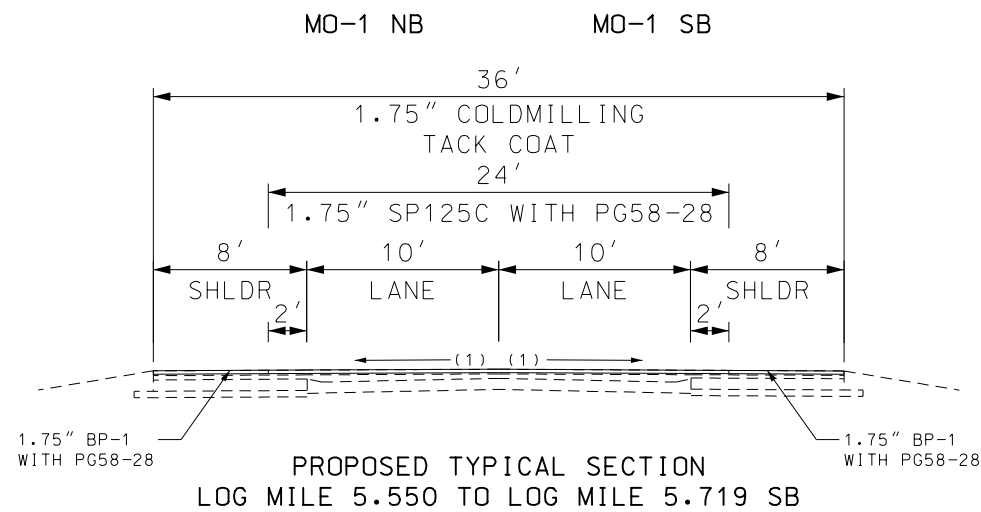
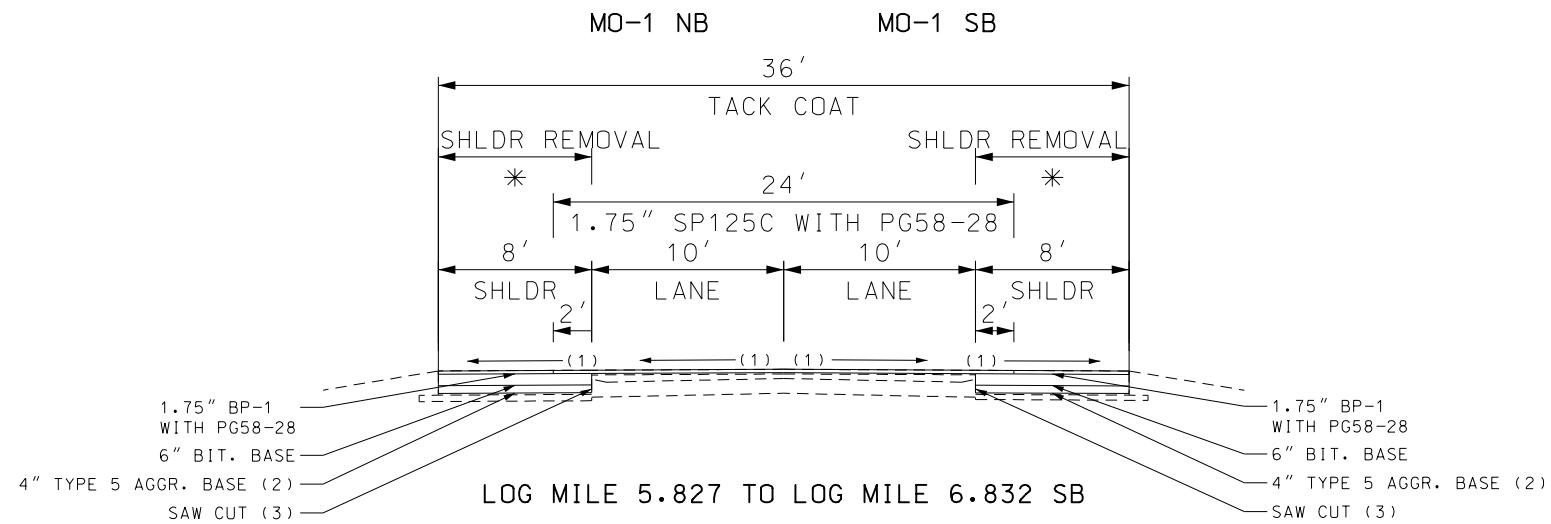


DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	
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NOTE:  
(1) MATCH EXISTING  
(2) OUTSIDE OF MODOT R/W

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
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CONTRACT ID.	
PROJECT NO.	
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)



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

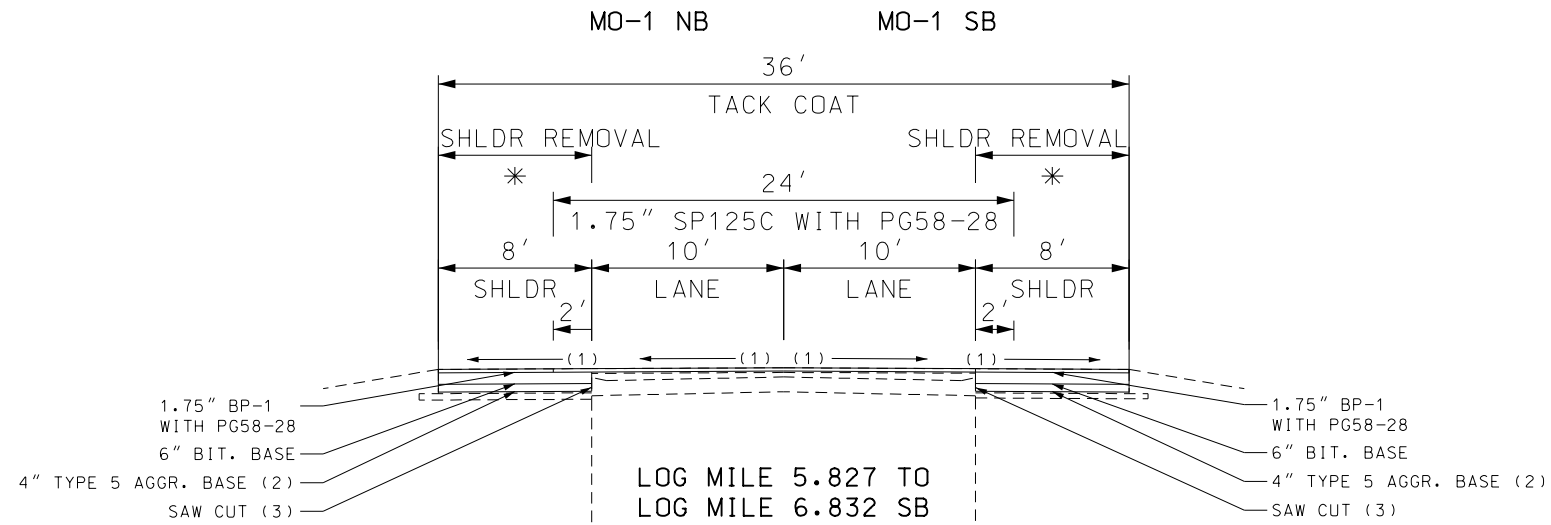
\* CONTRACTOR SHALL LOCATE AND VERIFY  
 EDGE OF EXISTING FULL DEPTH PAVEMENT

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. J4S3343	
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DESCRIPTION	
DATE	
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DESCRIPTION	
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

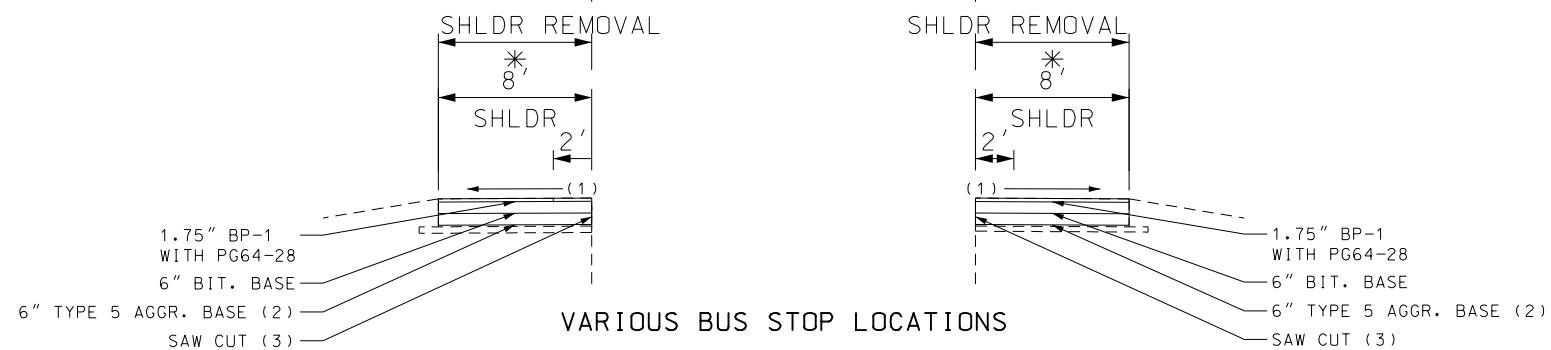
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



1.75" BP-1 WITH PG58-28  
6" BIT. BASE  
4" TYPE 5 AGGR. BASE (2)  
SAW CUT (3)

1.75" BP-1 WITH PG58-28  
6" BIT. BASE  
4" TYPE 5 AGGR. BASE (2)  
SAW CUT (3)

LOG MILE 5.827 TO  
LOG MILE 6.832 SB



1.75" BP-1 WITH PG64-28  
6" BIT. BASE  
6" TYPE 5 AGGR. BASE (2)  
SAW CUT (3)

1.75" BP-1 WITH PG64-28  
6" BIT. BASE  
6" TYPE 5 AGGR. BASE (2)  
SAW CUT (3)

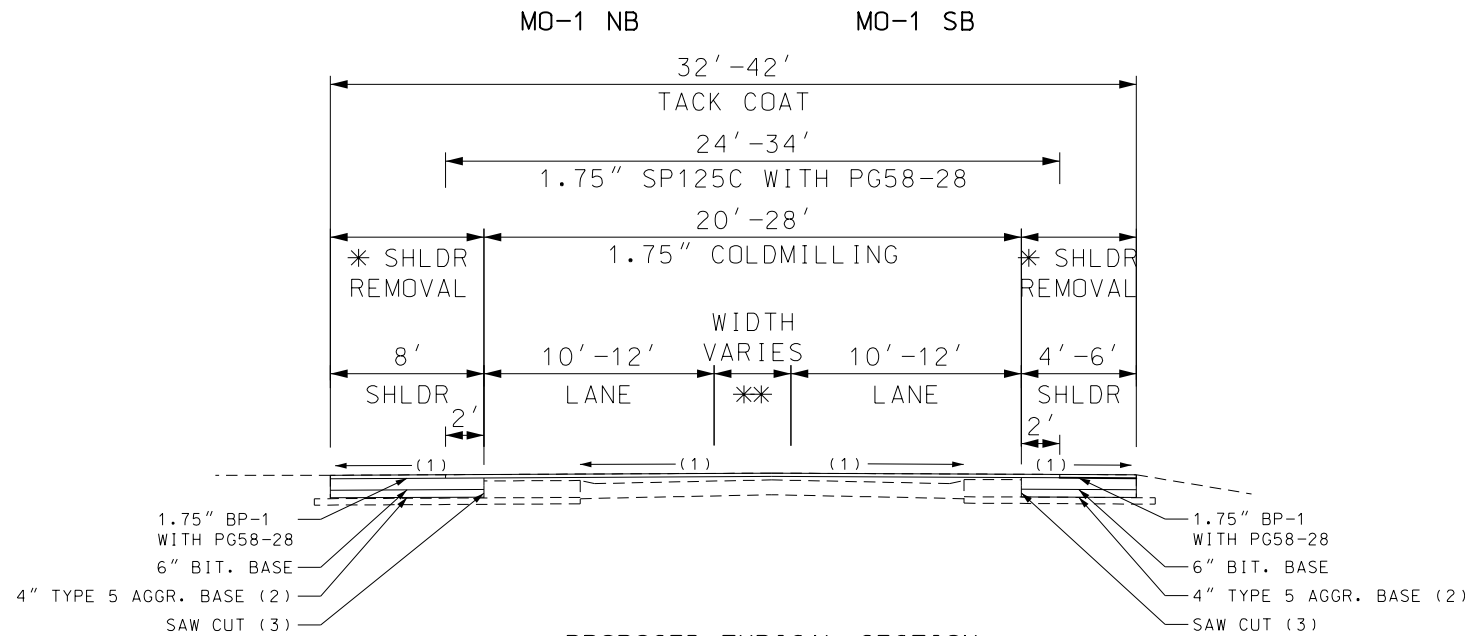
VARIOUS BUS STOP LOCATIONS

NORTHBOUND LANE  
LOG MILE 5.997 TO LOG MILE 6.035 SB  
LOG MILE 6.205 TO LOG MILE 6.243 SB  
LOG MILE 6.361 TO LOG MILE 6.399 SB  
LOG MILE 6.543 TO LOG MILE 6.581 SB

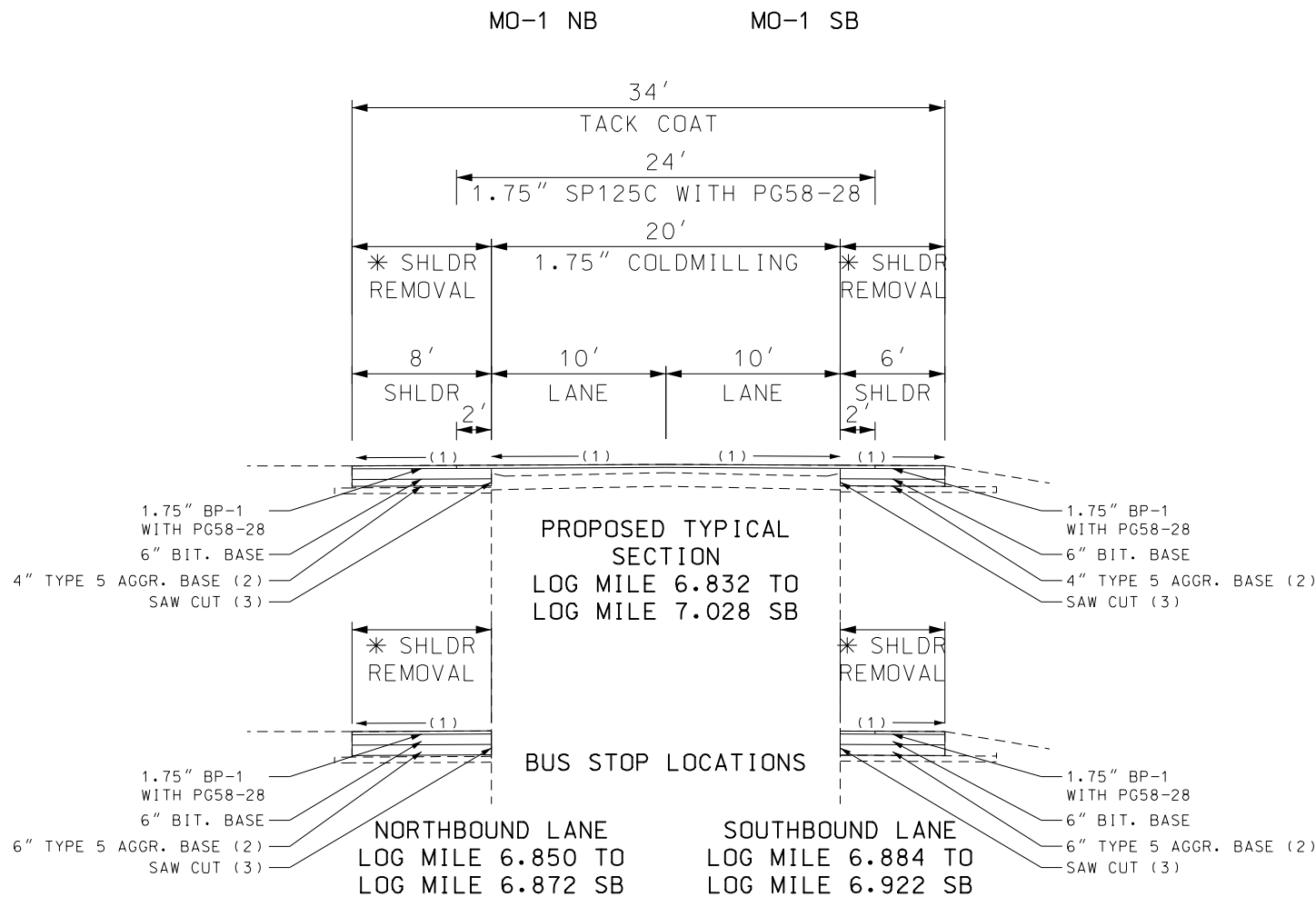
SOUTHBOUND LANE  
LOG MILE 5.944 TO LOG MILE 5.982 SB  
LOG MILE 6.155 TO LOG MILE 6.193 SB  
LOG MILE 6.350 TO LOG MILE 6.361 SB  
LOG MILE 6.494 TO LOG MILE 6.532 SB

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	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
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DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)



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



PROPOSED TYPICAL SECTION  
 LOG MILE 6.832 TO  
 LOG MILE 7.028 SB

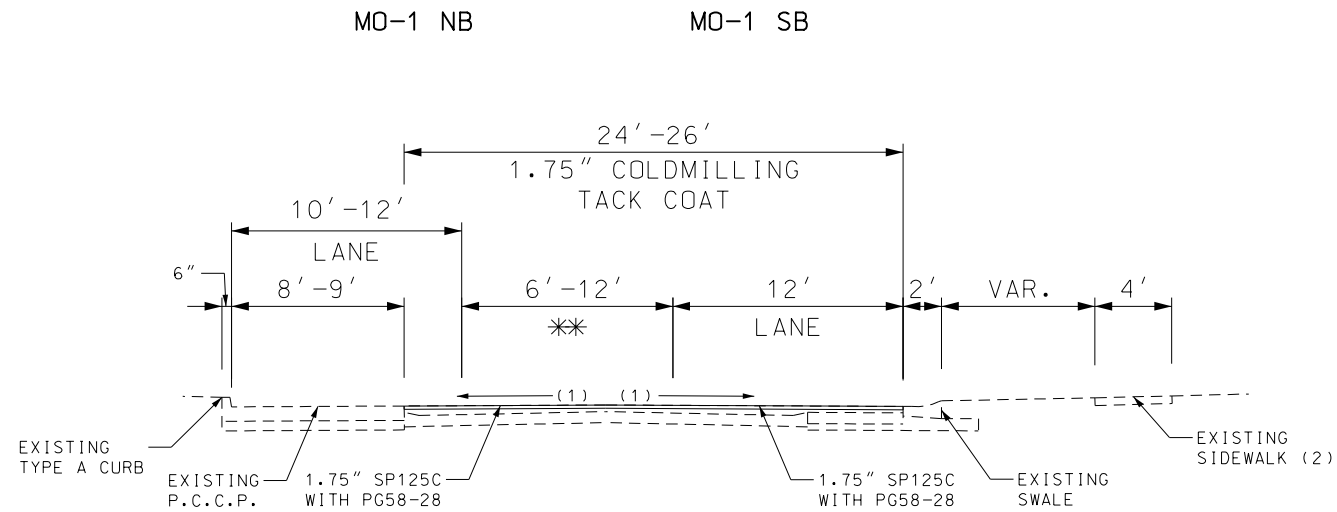
BUS STOP LOCATIONS

NORTHBOUND LANE  
 LOG MILE 6.850 TO  
 LOG MILE 6.872 SB

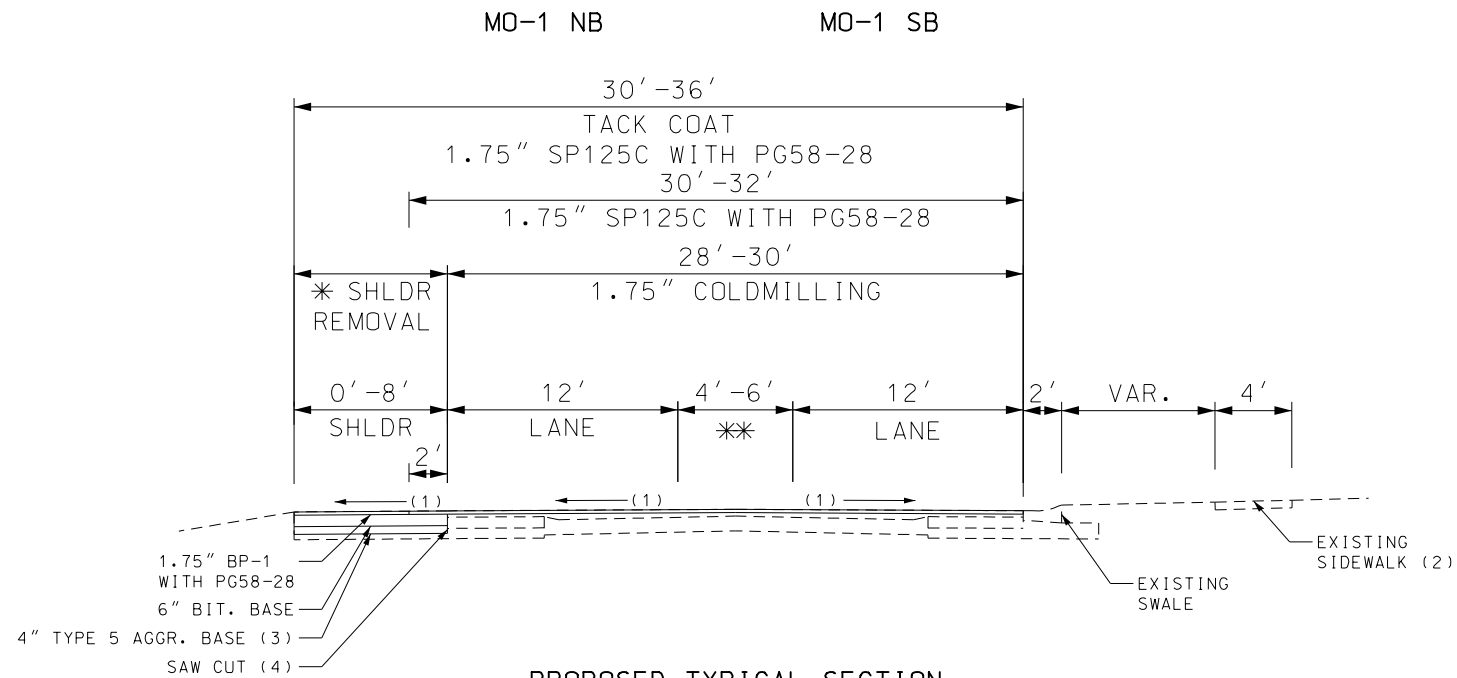
SOUTHBOUND LANE  
 LOG MILE 6.884 TO  
 LOG MILE 6.922 SB

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

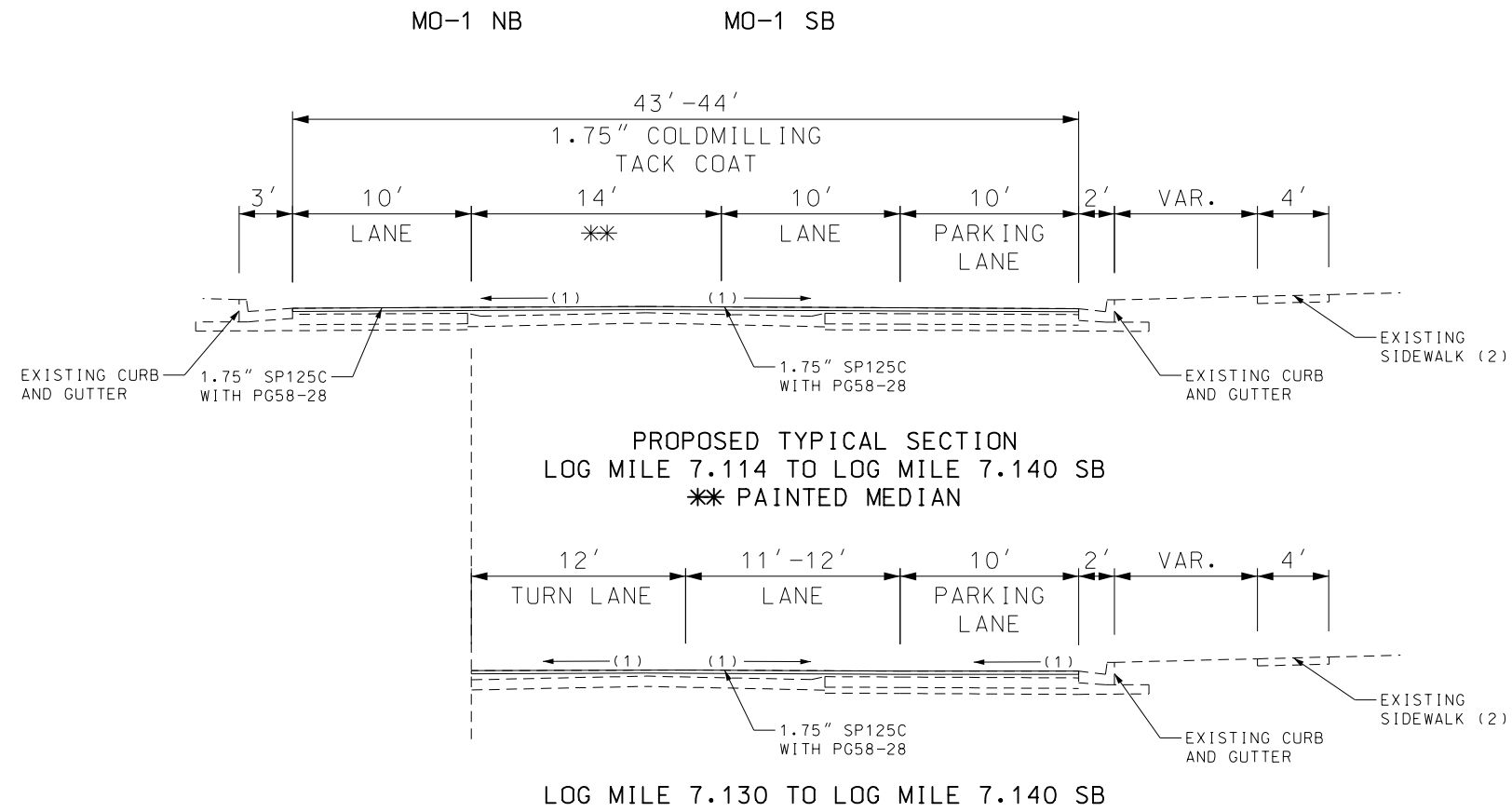


PROPOSED TYPICAL SECTION  
 LOG MILE 7.040 TO LOG MILE 7.062 SB  
 \*\* PAINTED MEDIAN

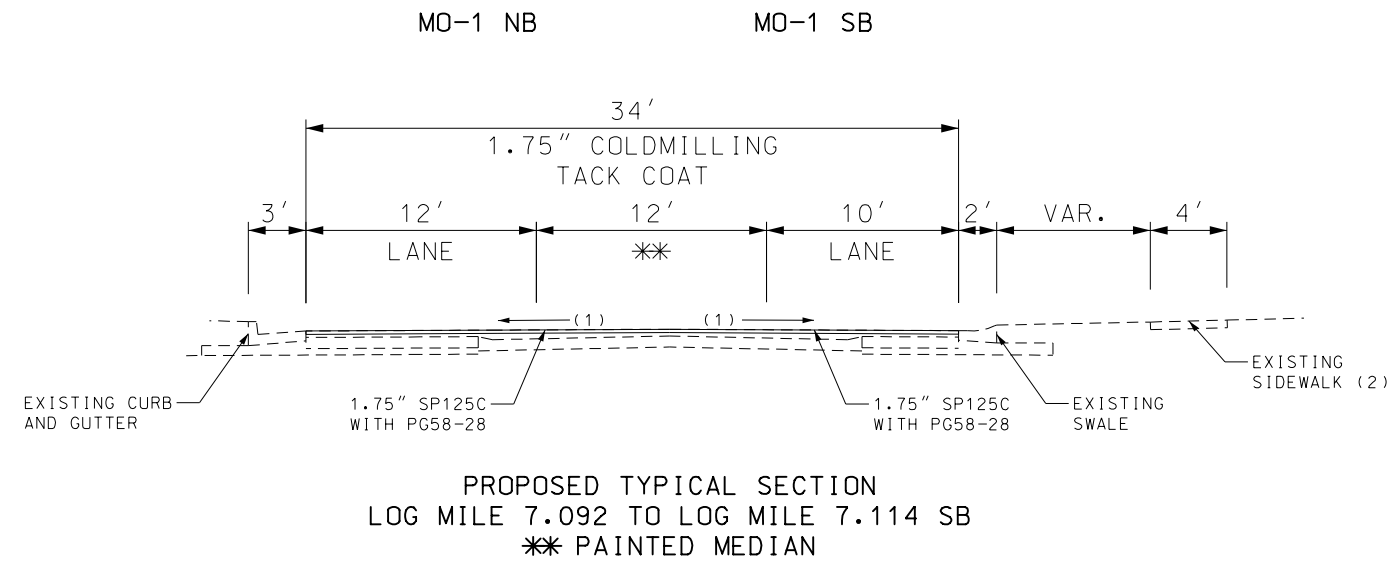
NOTE:  
 (1) MATCH EXISTING  
 (2) OUTSIDE OF MODOT R/W  
 (3) MATCH EXISTING BASE, NO DIRECT PAY  
 (4) NO DIRECT PAY  
 \* CONTRACTOR SHALL LOCATE AND VERIFY  
 EDGE OF EXISTING FULL DEPTH PAVEMENT

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COUNTY CLAY	
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DATE	
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



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.





PAVEMENT QUANTITIES

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	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
SB	SB		FT	FT	FT	FT	FT	FT						
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



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.

DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO

DISTRICT KC SHEET NO. 3

COUNTY CLAY

JOB NO. J4S3343

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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	

DATE PREPARED 11/23/2021

ROUTE 1 STATE MO

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COUNTY CLAY

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

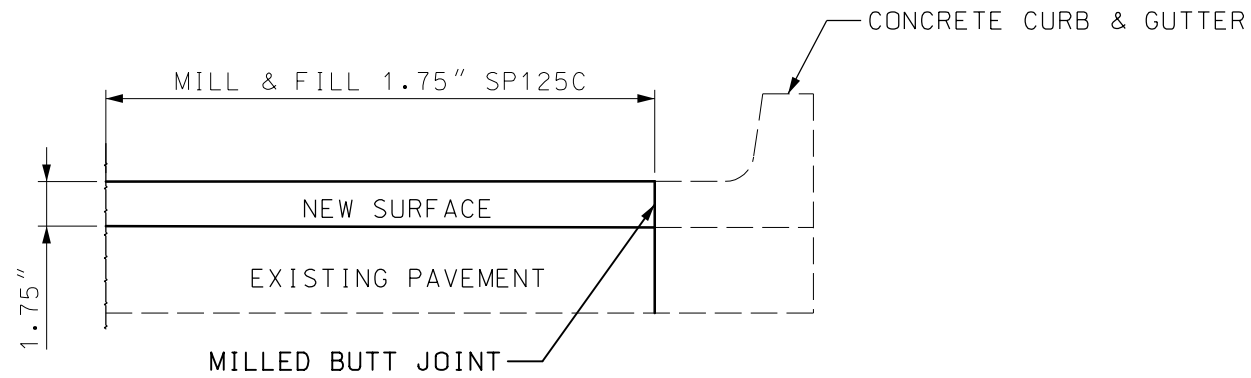
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00	14	224.00				BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00	1	16.00				NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00	2	10.00				NEXT 2 MILES (PLAQUE)
W08-1	48X48	16.00	1	16.00				BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00	1	16.00				SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	16	256.00				ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
W020-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00	16	256.00				FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00	2	32.00				SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19	2	4.38				WET PAINT (ARROW PIVOTS)

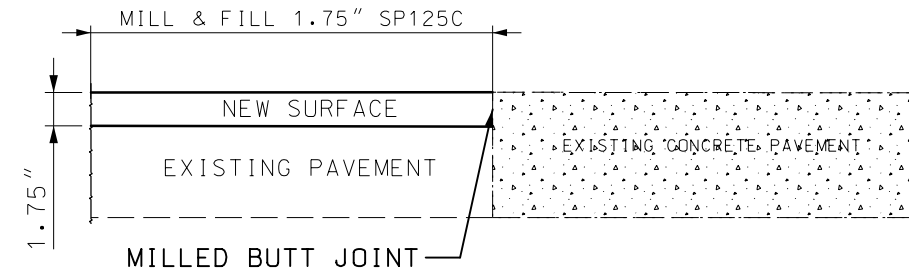
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
G020-1	60X24	10.00	2	20.00				ROAD WORK NEXT 2 MILES
G020-2	48X24	8.00	2	16.00				END ROAD WORK
G020-4	36X18	4.50	2	9.00				PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48.00				SPEED LIMIT 35
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	4	8.00				SIDEWALK CLOSED
R9-10	24X12	2.00	3	6.00				SIDEWALK CLOSED
R9-11L	24X18	3.00						USE OTHER SIDE SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00	2	24.00				POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	2	16.00				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE
				TOTAL				
616-10.05 CONSTRUCTION SIGNS				1046				
616-10.10 RELOCATED SIGNS				0				**

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	2	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	114	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT, TYPE A
6161052		WARNING LIGHT, TYPE B
6161053		WARNING LIGHT, TYPE C
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002	4	TEMPORARY LONG-TERM RUMBLE STRIPS
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER TEMPORARY TRAFFIC BARRIER
6176000B		COMMISSION FURNISHED/RETAINED TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6177000B		COMMISSION FURNISHED/RETAINED TEMPORARY RAISED PAVEMENT MARKER
6208064A		TEMPORARY TRAFFIC SIGNALS
9029400		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	4	ADA COMPLIANT MOVEABLE BARRICADE

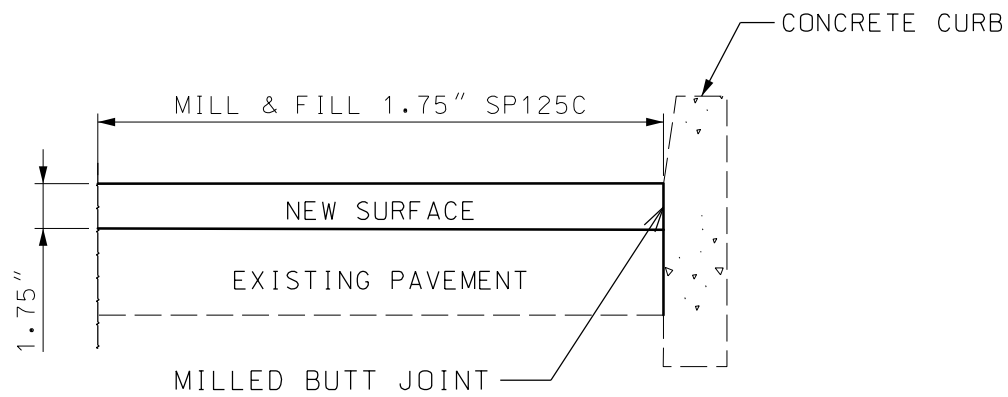
TEMPORARY TRAFFIC CONTROL	
ITEM NUMBER	616-99.01
PAY TOTAL	1 LUMP SUM
SEE JSP'S	



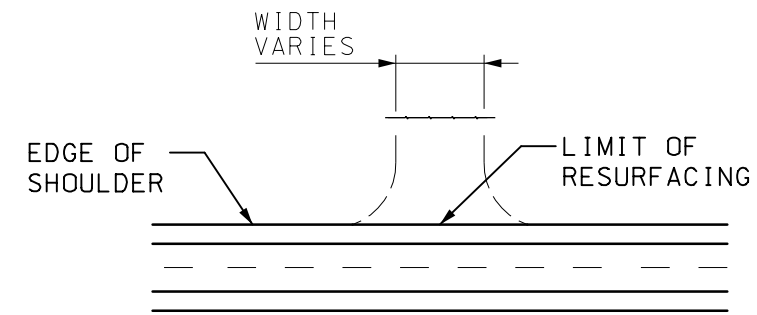
RESURFACING DETAIL  
CONCRETE CURB & GUTTER  
VARIOUS LOCATIONS



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

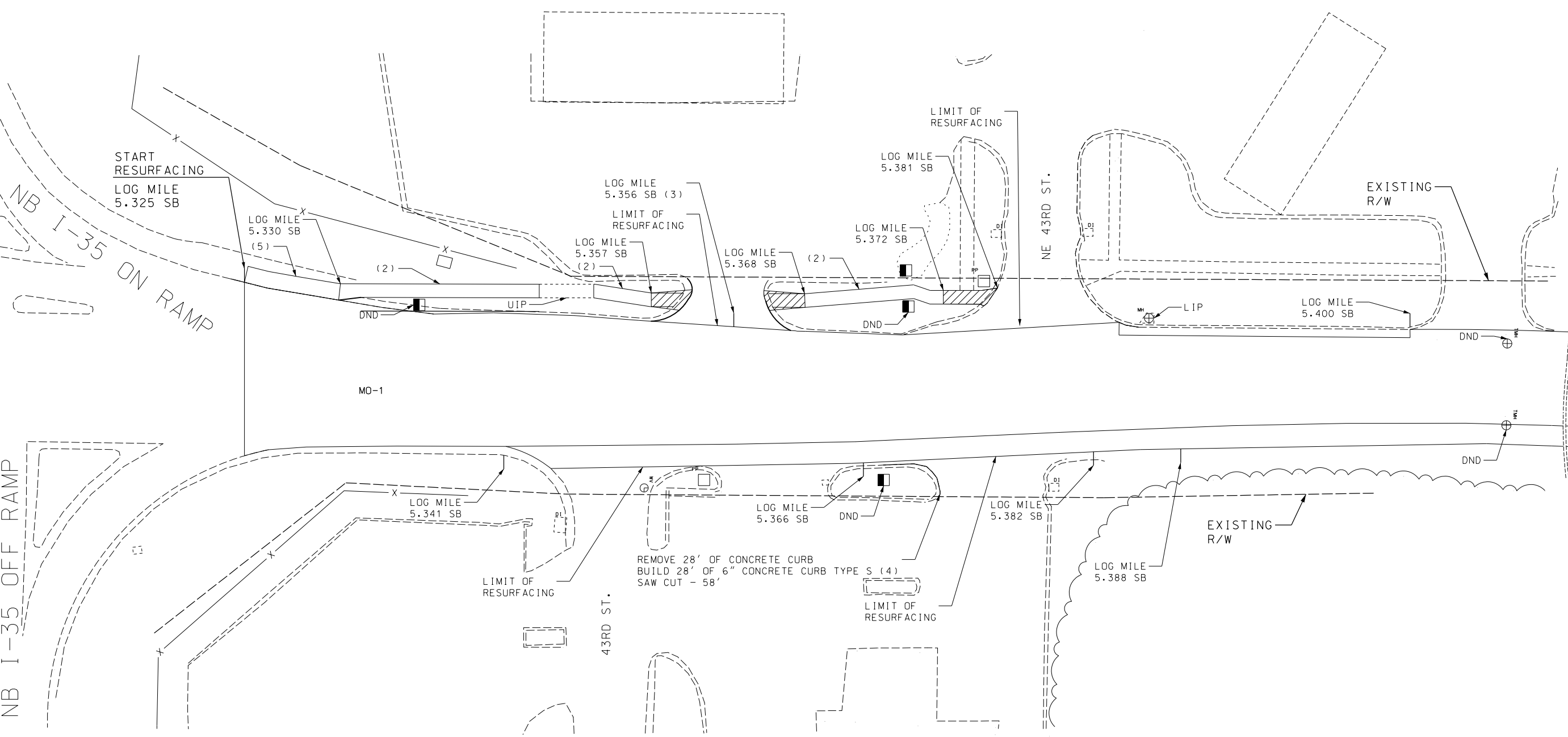
DATE

TRANSFORMATION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

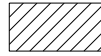


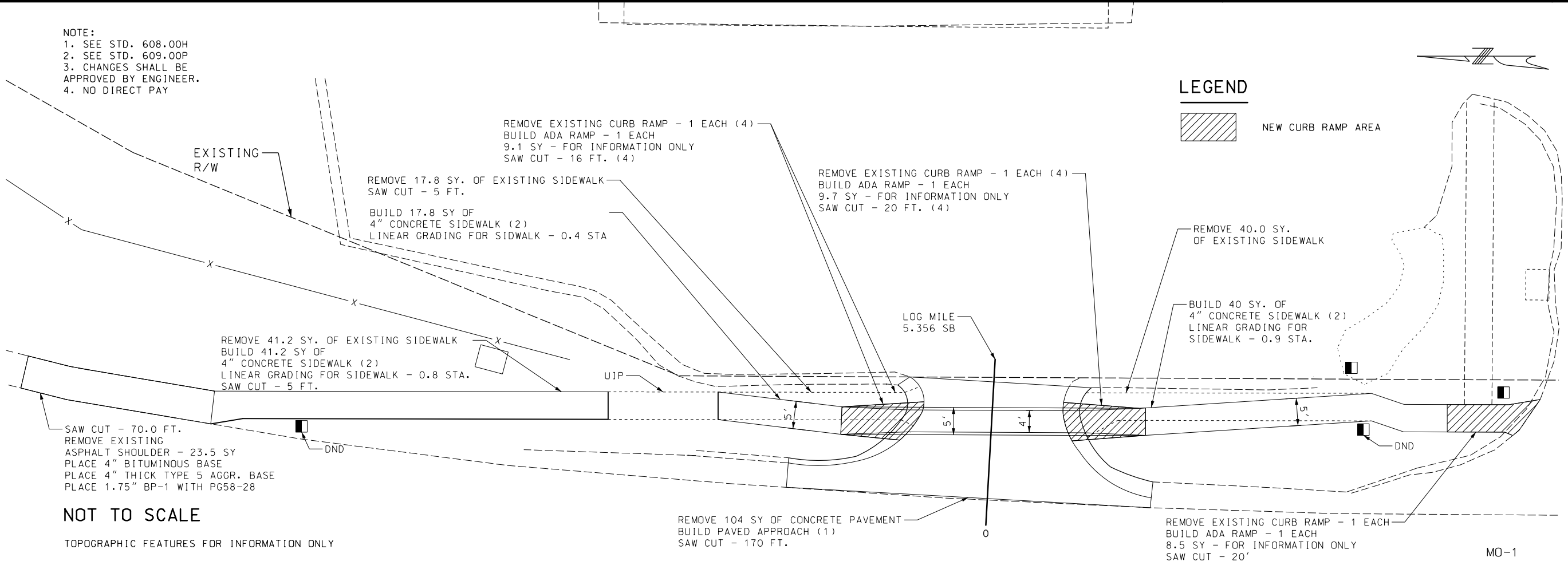
REMOVE 28' OF CONCRETE CURB  
 BUILD 28' OF 6" CONCRETE CURB TYPE S (4)  
 SAW CUT - 58'

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

LEGEND

 NEW CURB RAMP AREA



NOT TO SCALE

TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

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DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO

DISTRICT KC SHEET NO. 6

COUNTY CLAY

JOB NO. J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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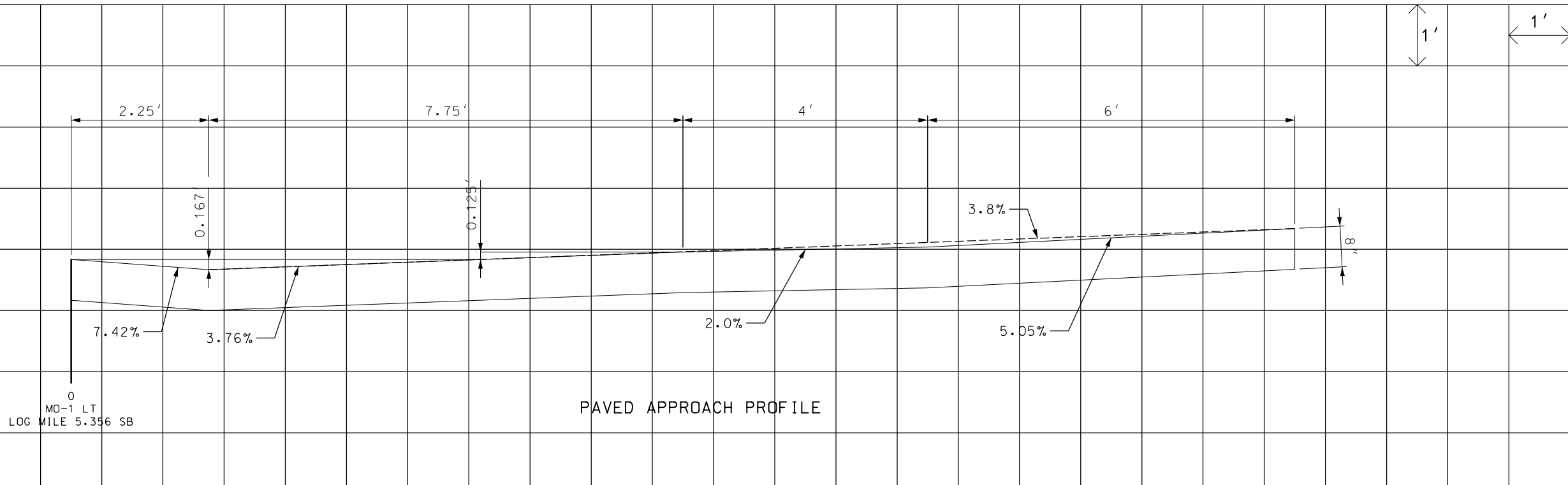
DATE

DESCRIPTION

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



PAVED APPROACH PROFILE

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



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DATE PREPARED  
11/23/2021

ROUTE 1 STATE MO  
DISTRICT KC SHEET NO. 7

COUNTY  
CLAY

JOB NO.  
J4S3343

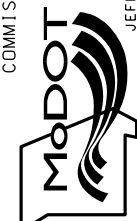
CONTRACT ID.

PROJECT NO.

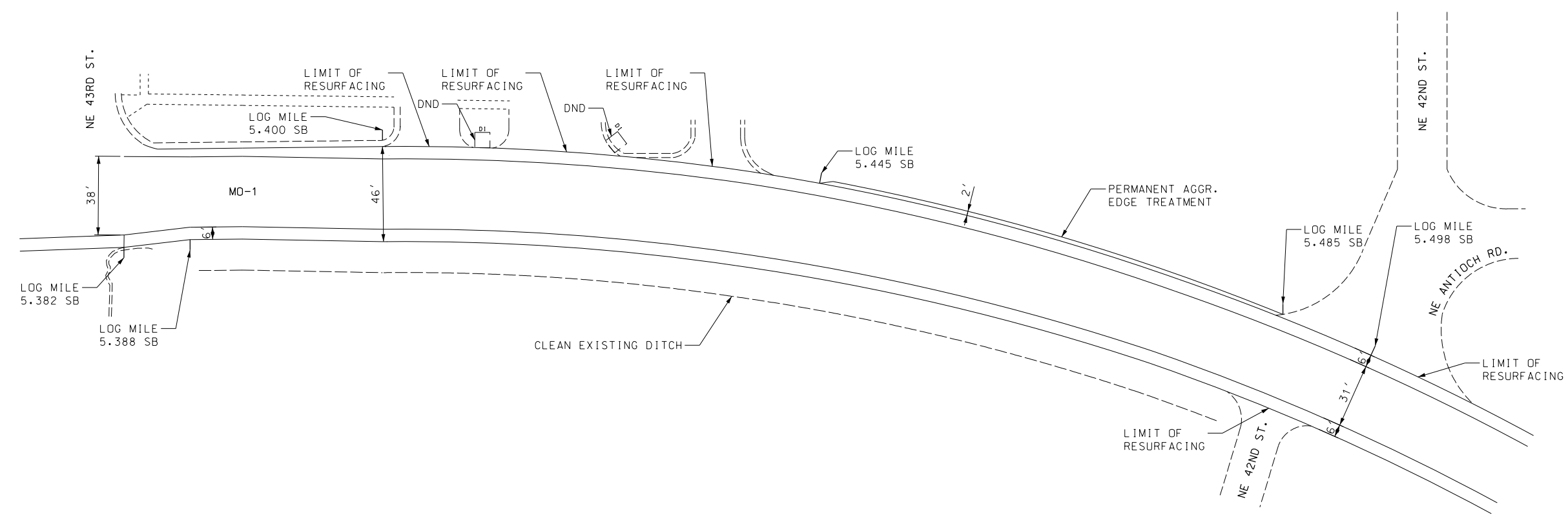
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



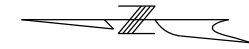
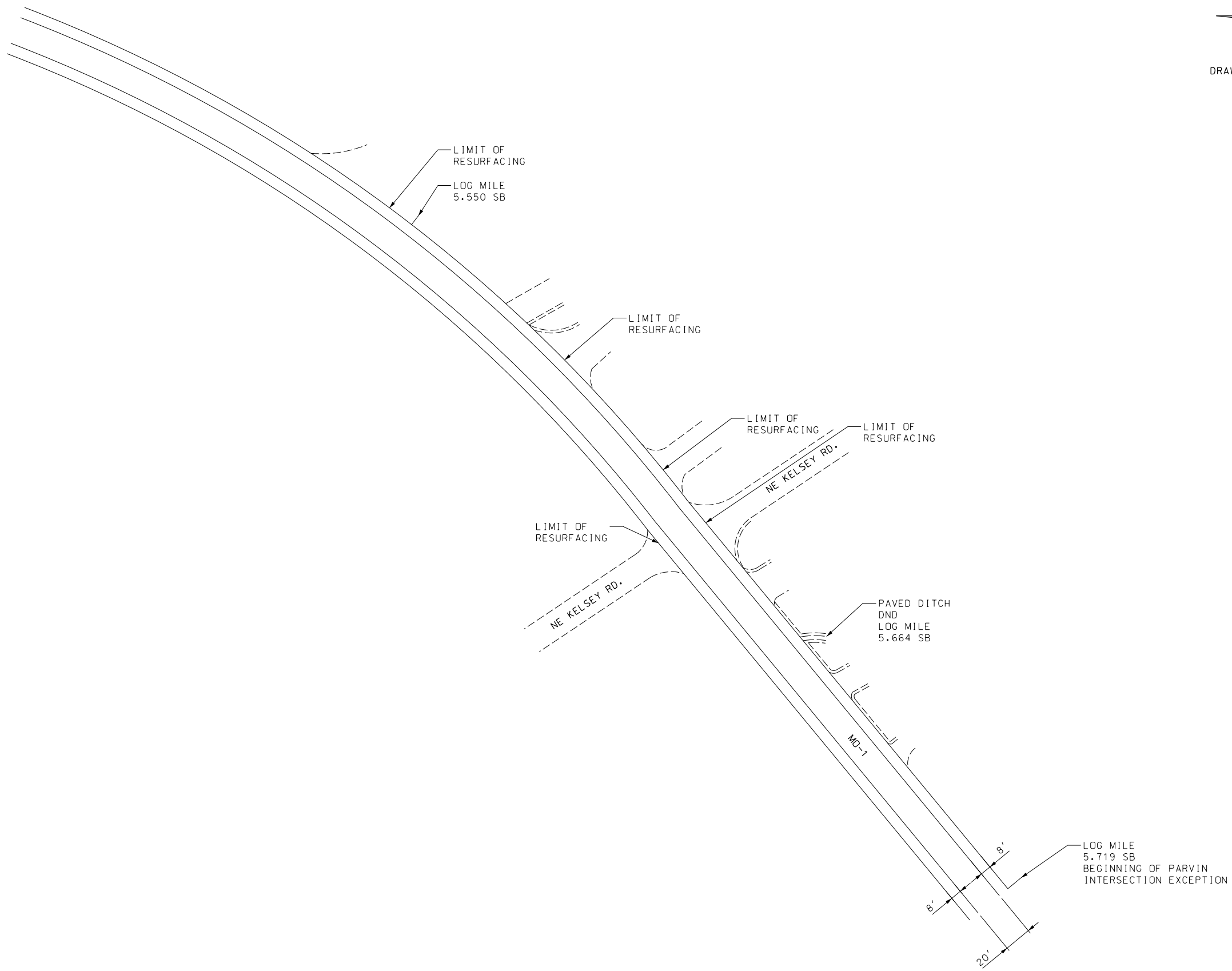
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET  
SHEET 4 OF 9

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



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DATE PREPARED  
11/23/2021

ROUTE 1	STATE MO
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DISTRICT KC	SHEET NO. 8
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COUNTY  
CLAY

JOB NO.  
J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

SPECIAL SHEET  
SHEET 5 OF 14

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DATE PREPARED  
11/23/2021

ROUTE	STATE
1	MO

DISTRICT	SHEET NO.
KC	9

COUNTY  
CLAY

JOB NO.  
J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

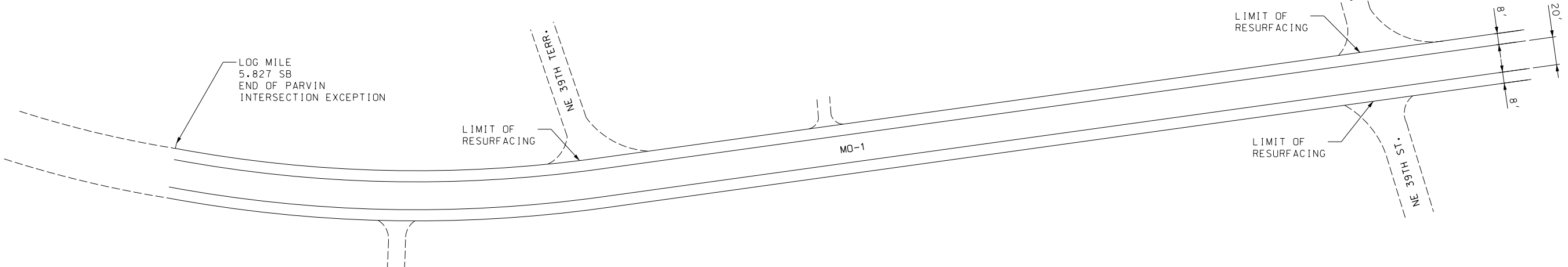
DATE	DESCRIPTION

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.



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

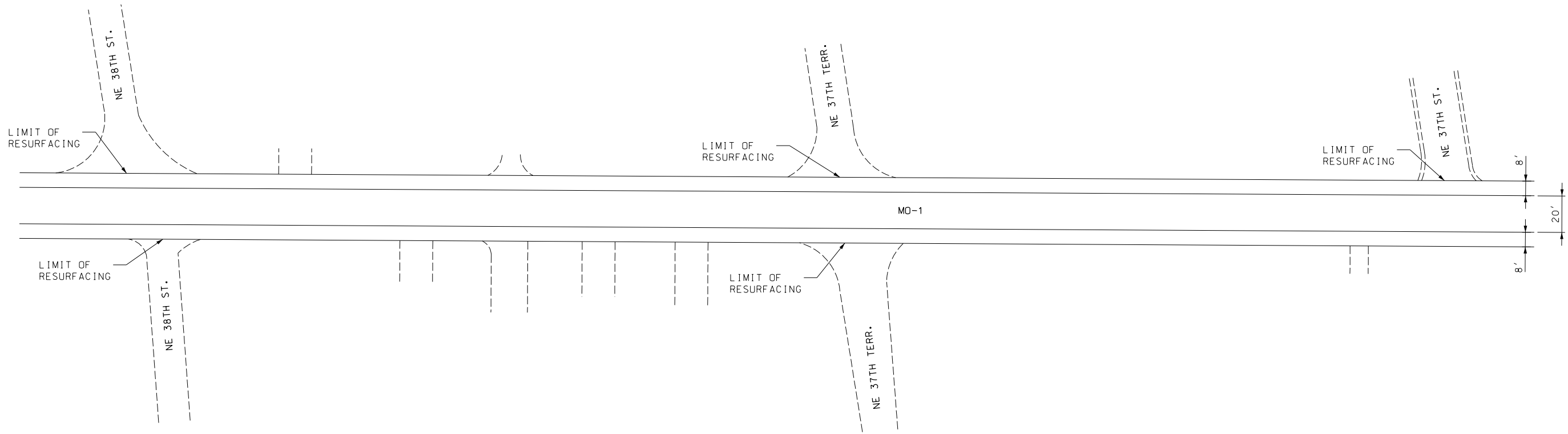
SPECIAL SHEET  
SHEET 6 OF 14



DRAWING NOT TO SCALE

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

DATE PREPARED	
11/23/2021	
ROUTE	STATE
1	MO
DISTRICT	SHEET NO.
KC	10
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 7 OF 14

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
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DISTRICT KC	SHEET NO. 11
----------------	-----------------

COUNTY  
CLAY

JOB NO.  
J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

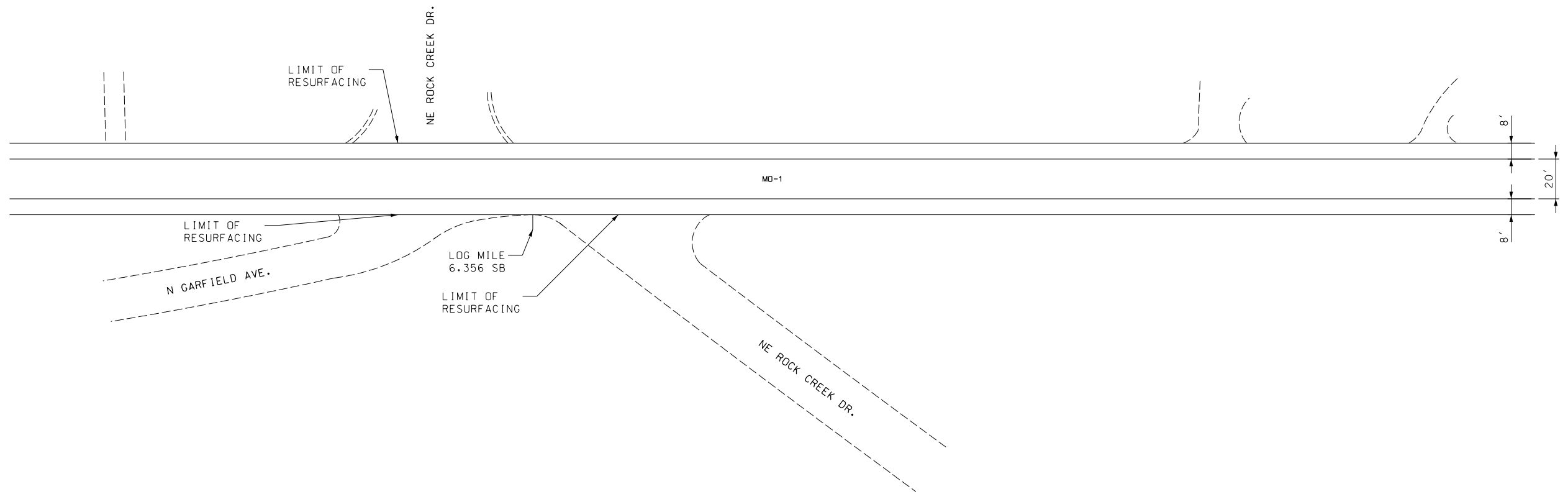
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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 8 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. 12

COUNTY  
CLAY

JOB NO.  
J4S3343


CONTRACT ID.

PROJECT NO.

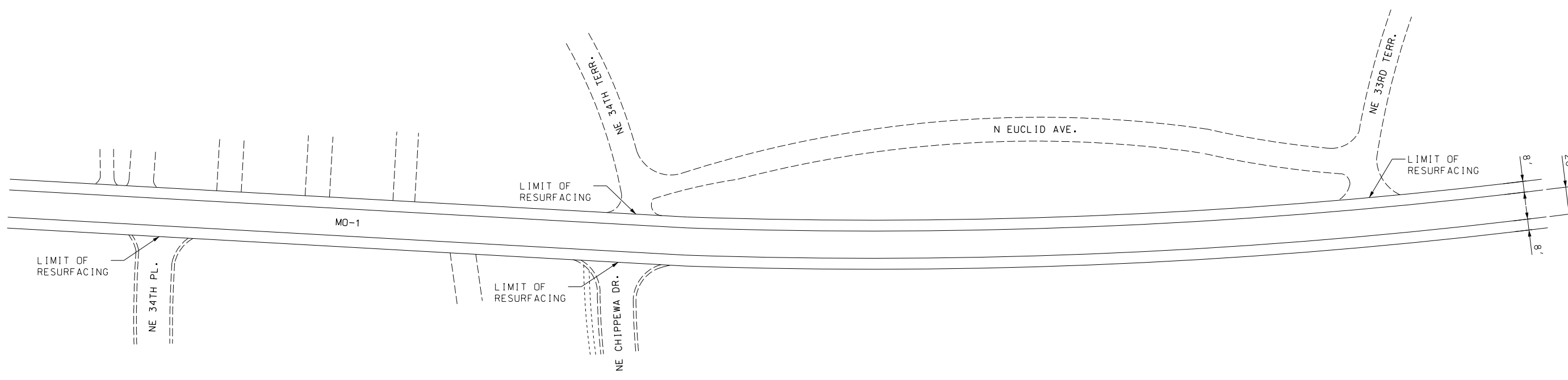
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



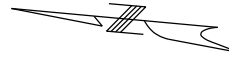
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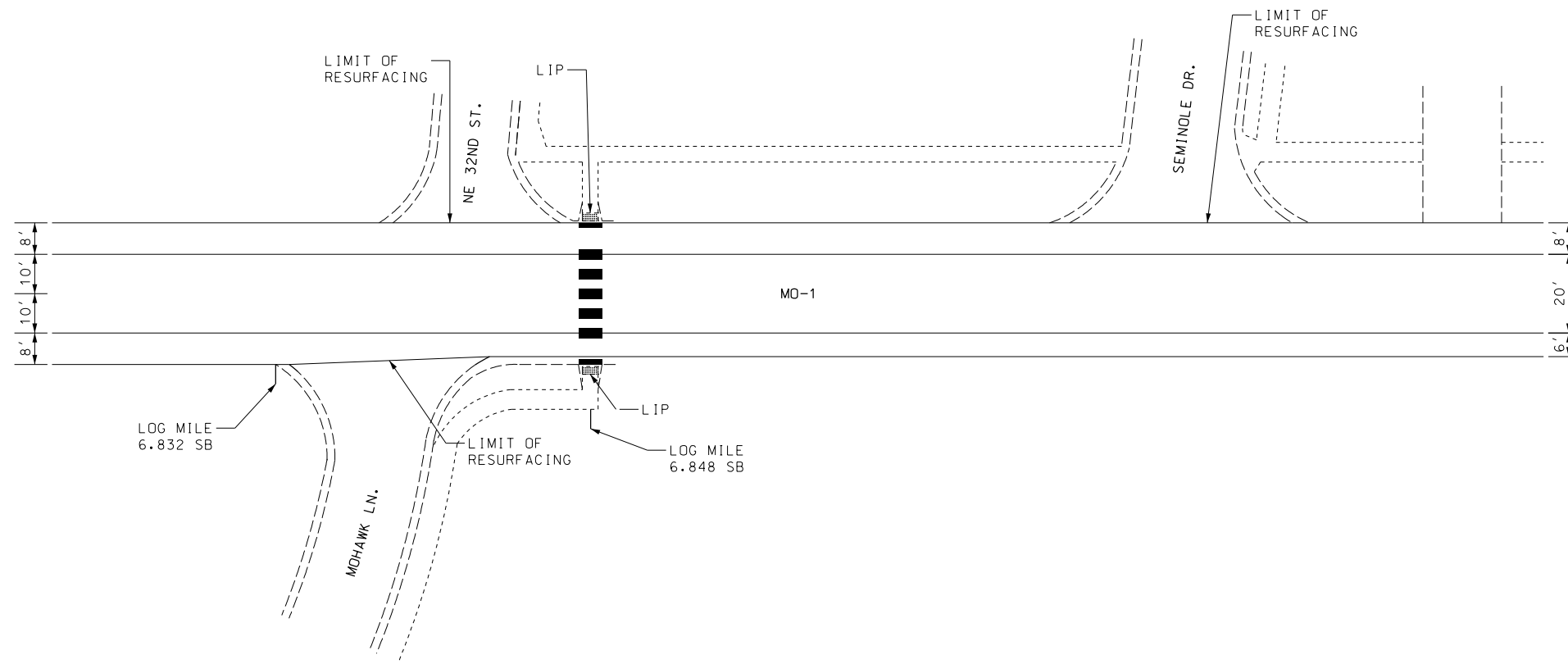
SPECIAL SHEET  
SHEET 9 OF 14

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



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY


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

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

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 13
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.



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.

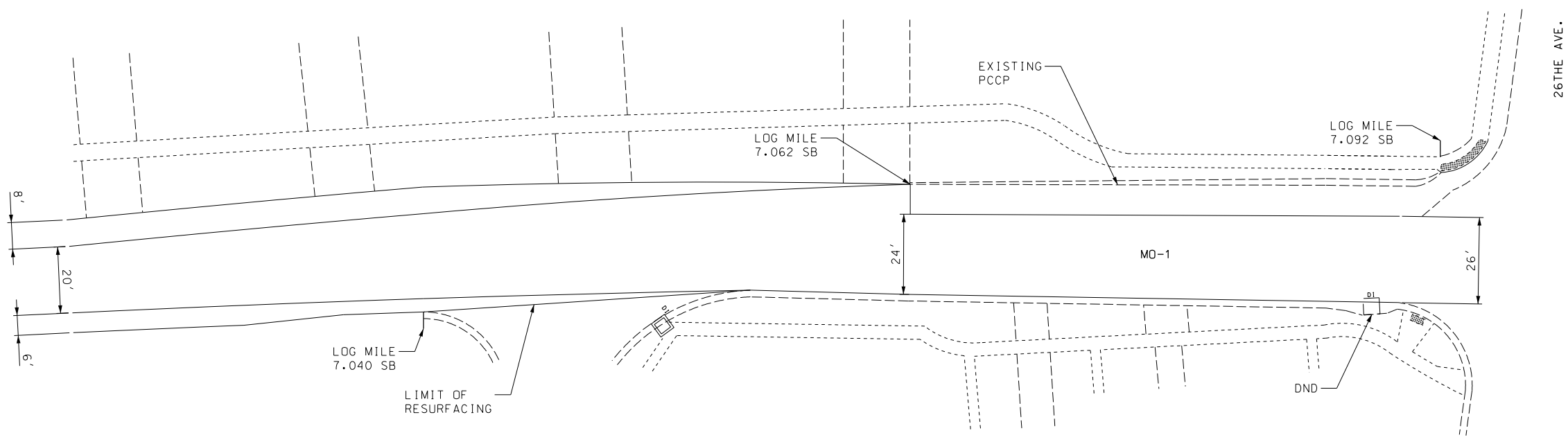
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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.



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY

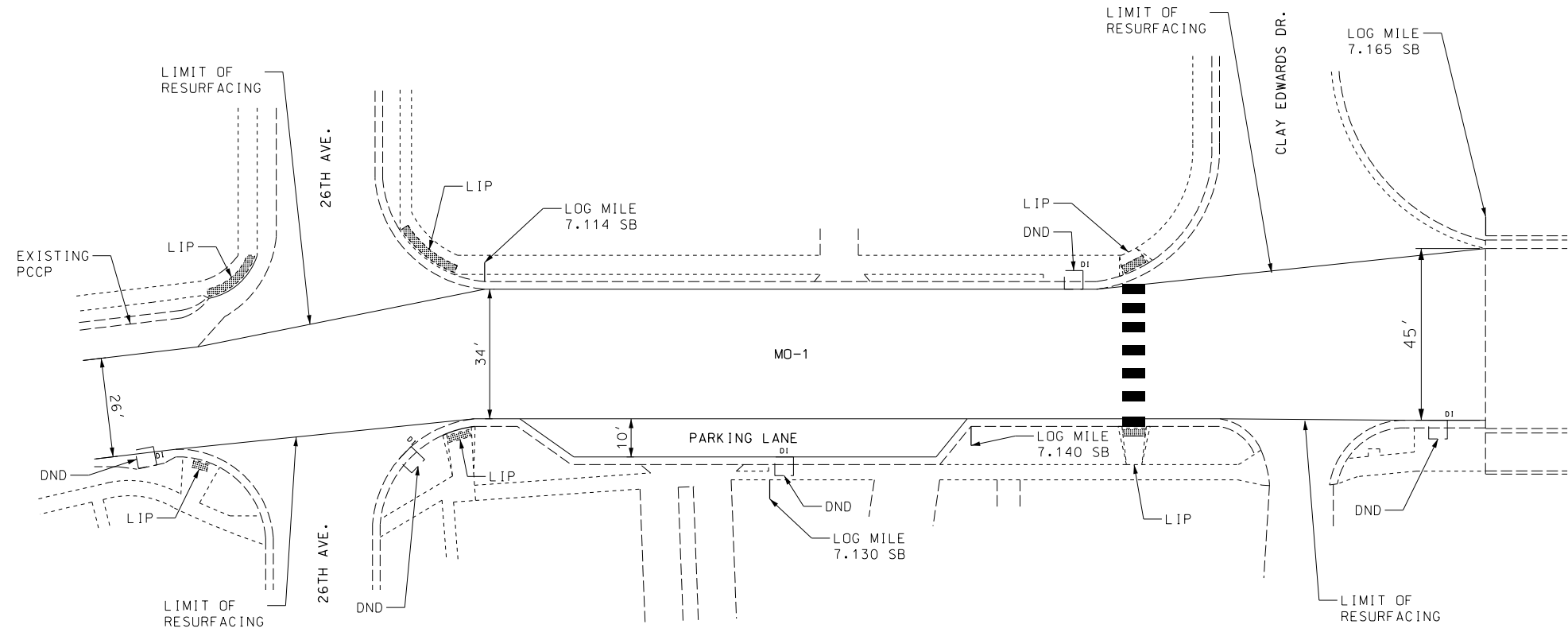
SPECIAL SHEET SHEET 11 OF 14



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

DRAWING NOT TO SCALE

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



DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 15
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)

SPECIAL SHEET  
 SHEET 12 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. 16

COUNTY CLAY

JOB NO. J4S3343

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

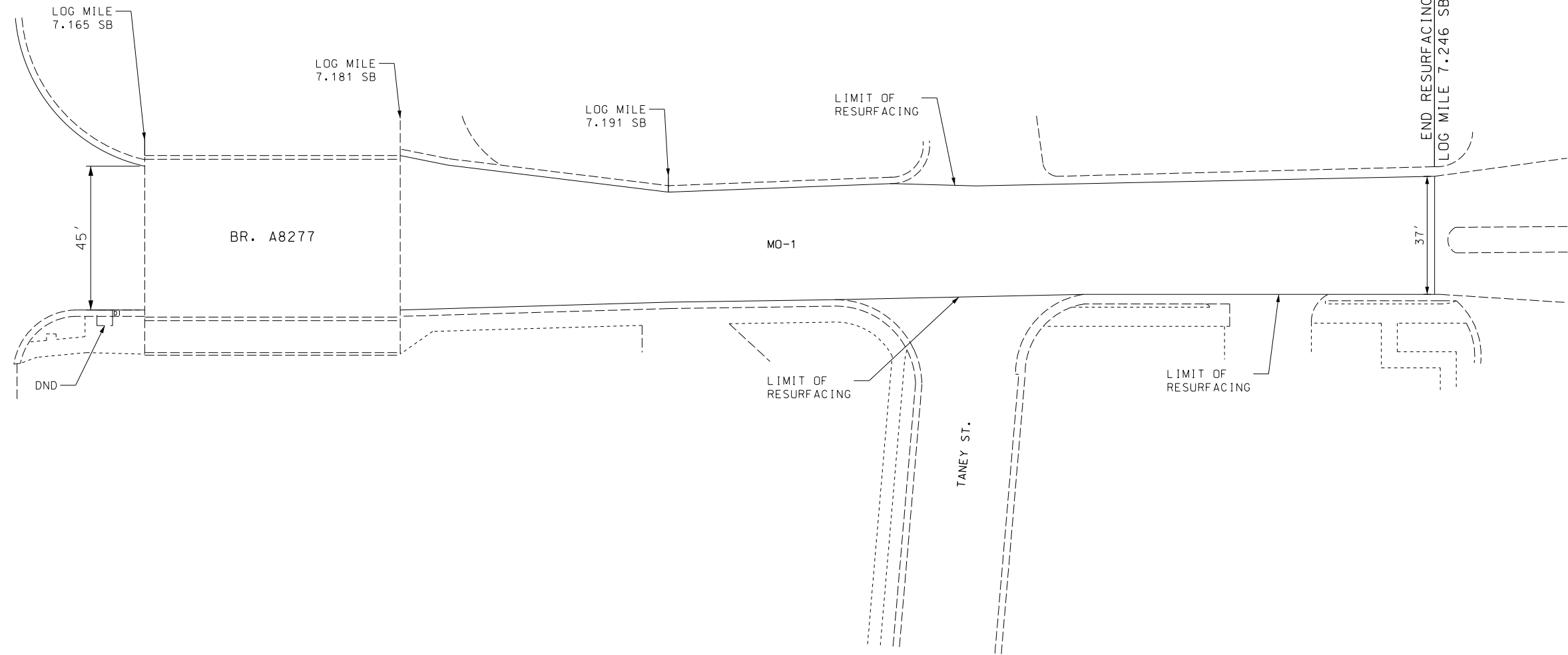
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

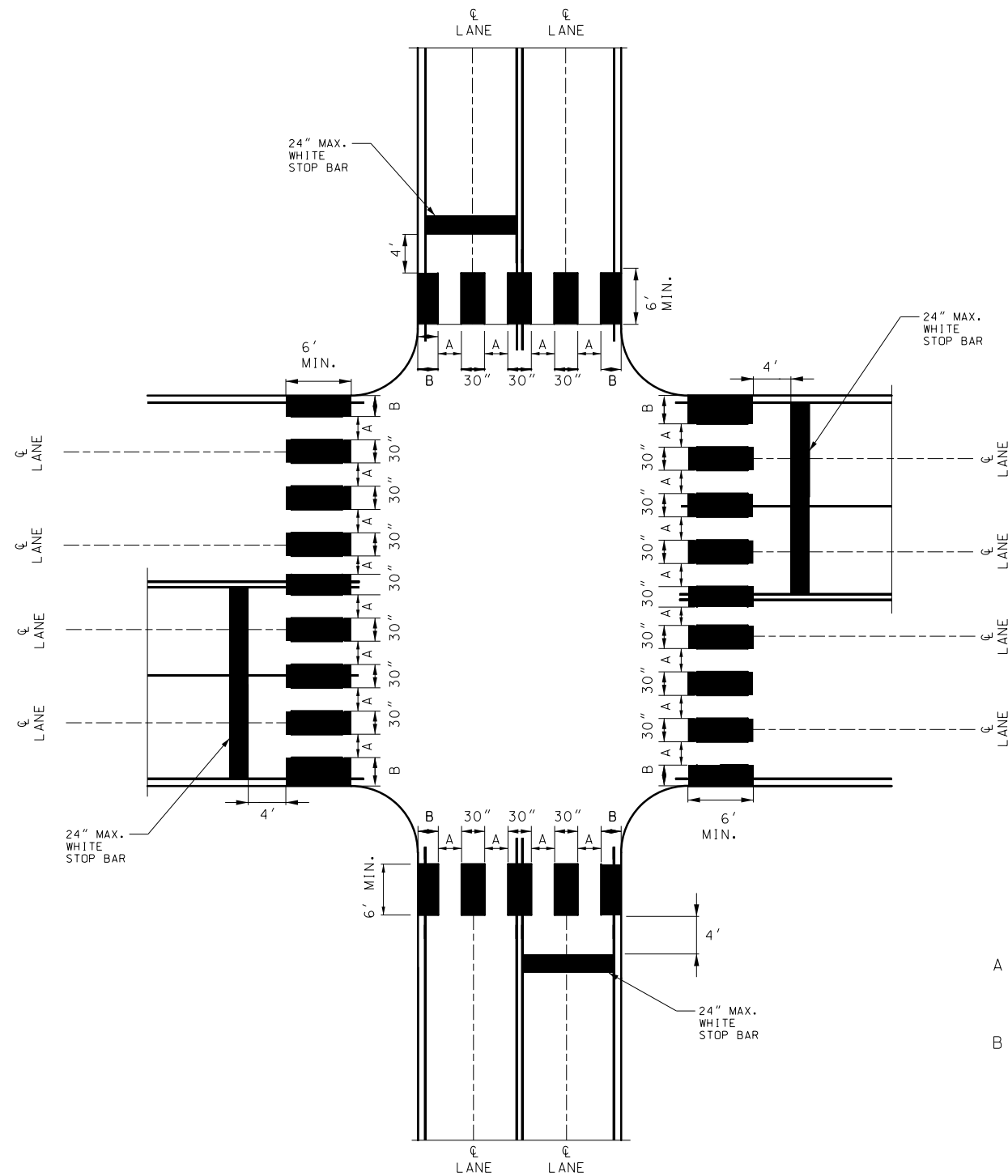
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CLAY EDWARDS DR.



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY


SPECIAL SHEET  
SHEET 13 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.	
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.	

# 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'	END TREATMENT (4)
<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

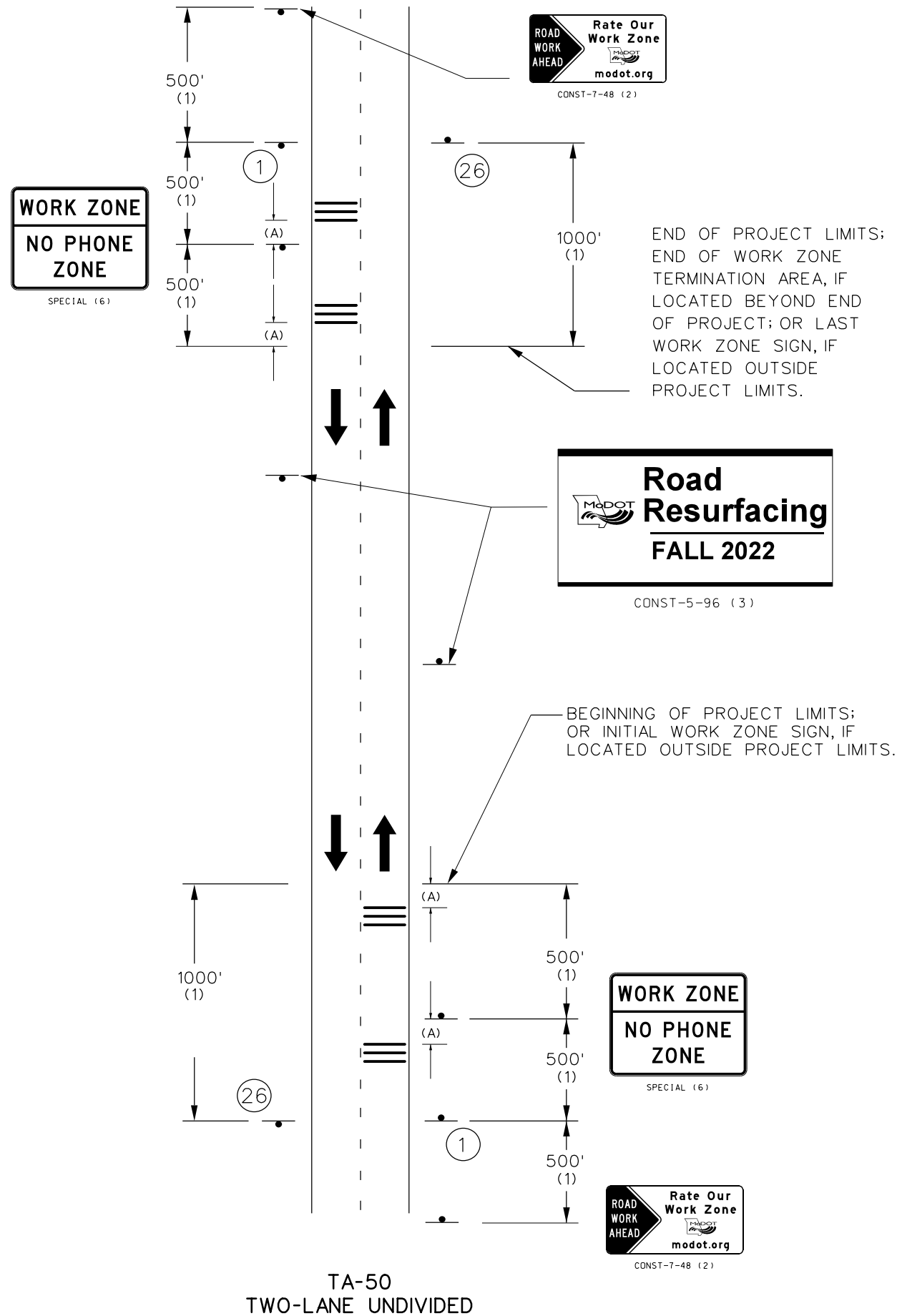
**TAPER LENGTH (L)**  
 L = W X P FOR 40 MPH OR MORE  
 L =  $\frac{WP^2}{60}$  FOR 35 MPH OR LESS  
 L = TAPER LENGTH IN FEET  
 W = LATERAL SHIFT IN FEET  
 P = POSTED SPEED PRIOR TO ROAD WORK IN MPH

- 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	
	DISTRICT KC	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:

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.

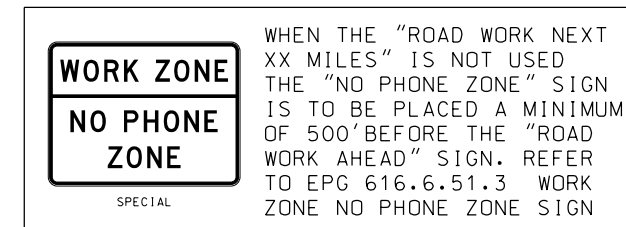
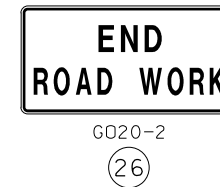
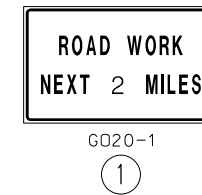
(2) SIGN CONST-7-48 OR CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(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.

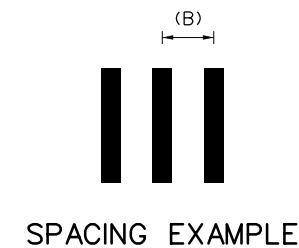
(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHT OF WAY FOR A SIX FOOT 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

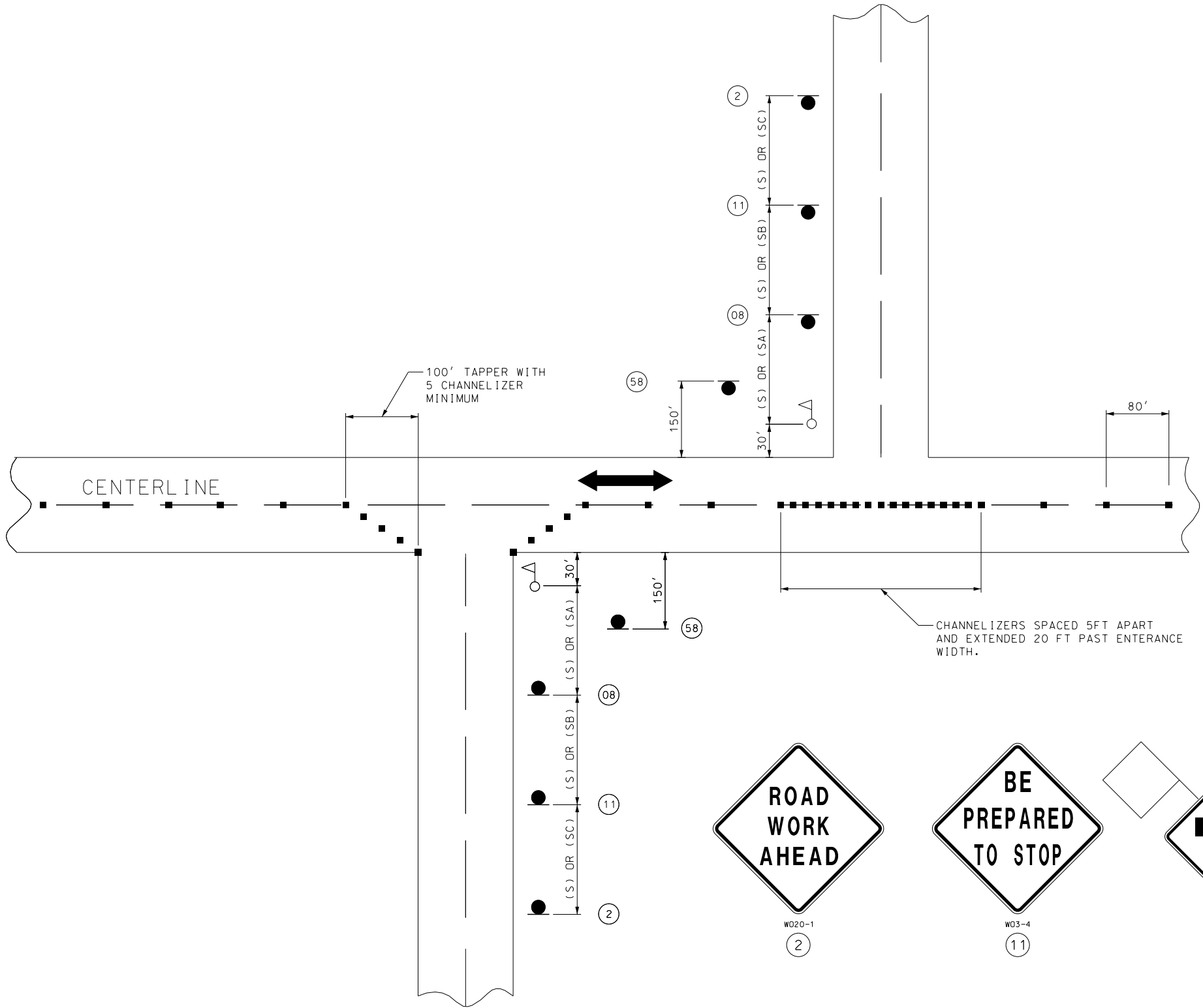
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 19
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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.



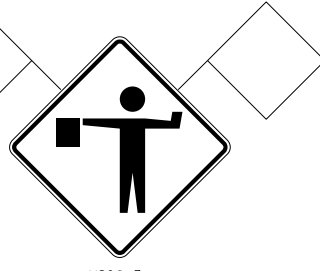
SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

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



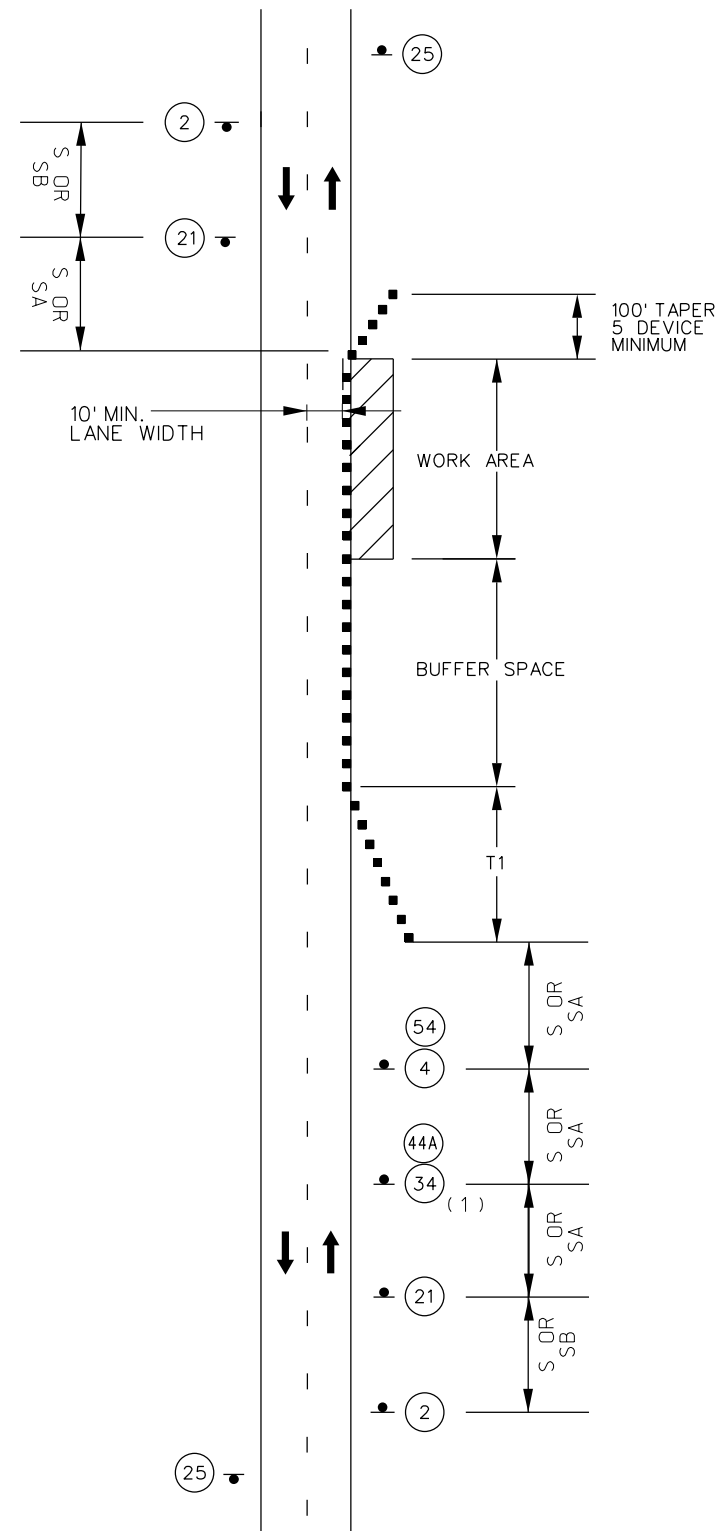
SIGN 58, SHALL BE PLACED AT ALL SIDE ROADS WHEN IN USE DURING OPERATION.

SIDE ROADS ENTERING WORK ZONES

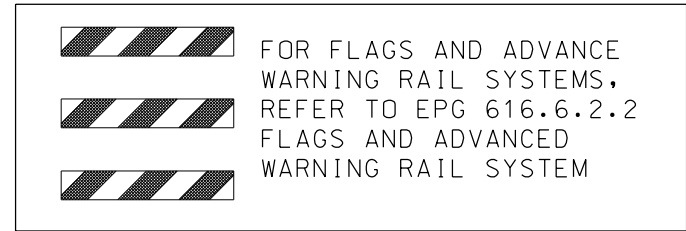
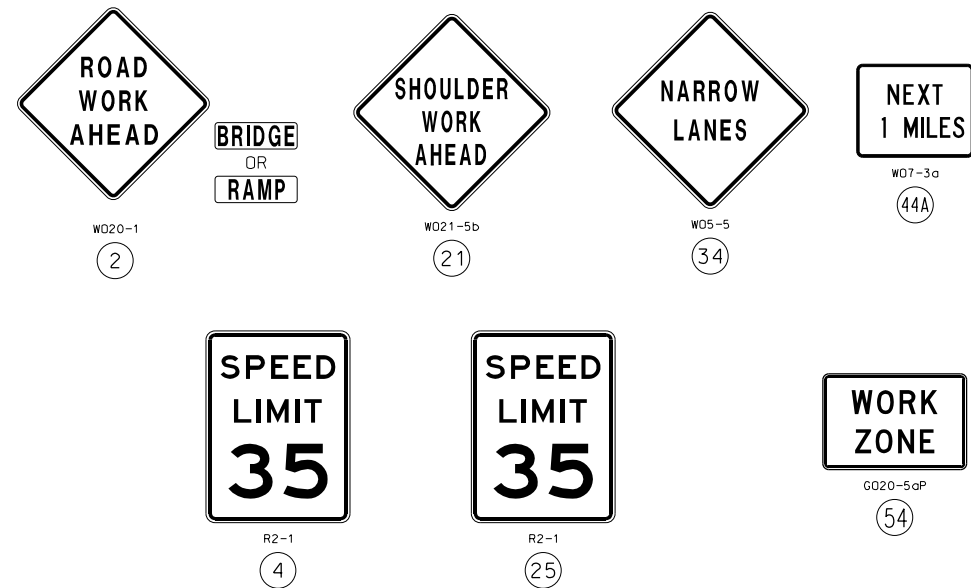
TRAFFIC CONTROL SHEET 3 OF 11

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)





TWO LANE UNDIVIDED  
SHOULDER WORK  
MINOR TRAVELWAY ENCROACHMENT



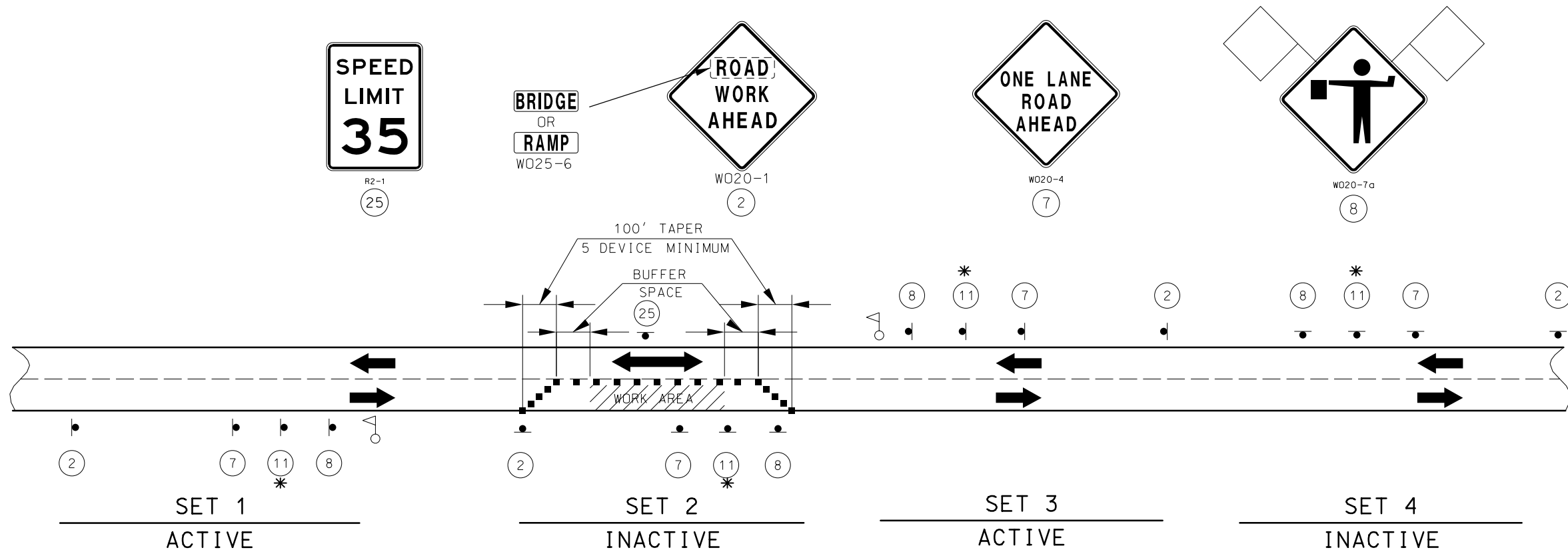
NOTES:

- 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.

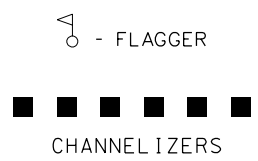
SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

DAYLIGHT FLAGGING OPERATIONS ONLY.

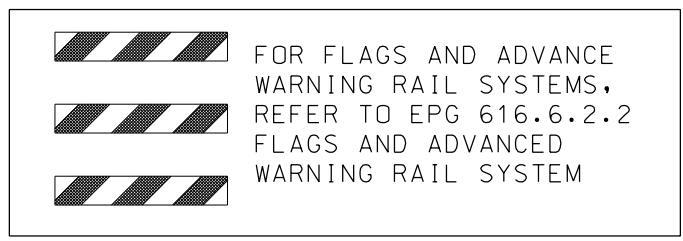
CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SHORT TERM RUMBLE STRIPS ELIMINATED DUE TO LOW SPEED.

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



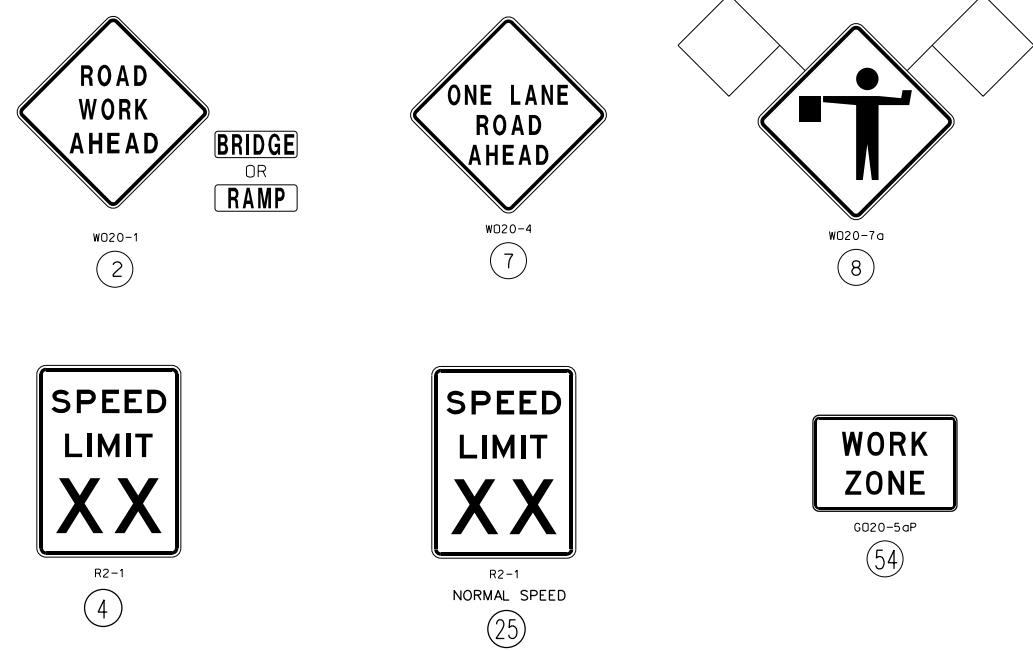
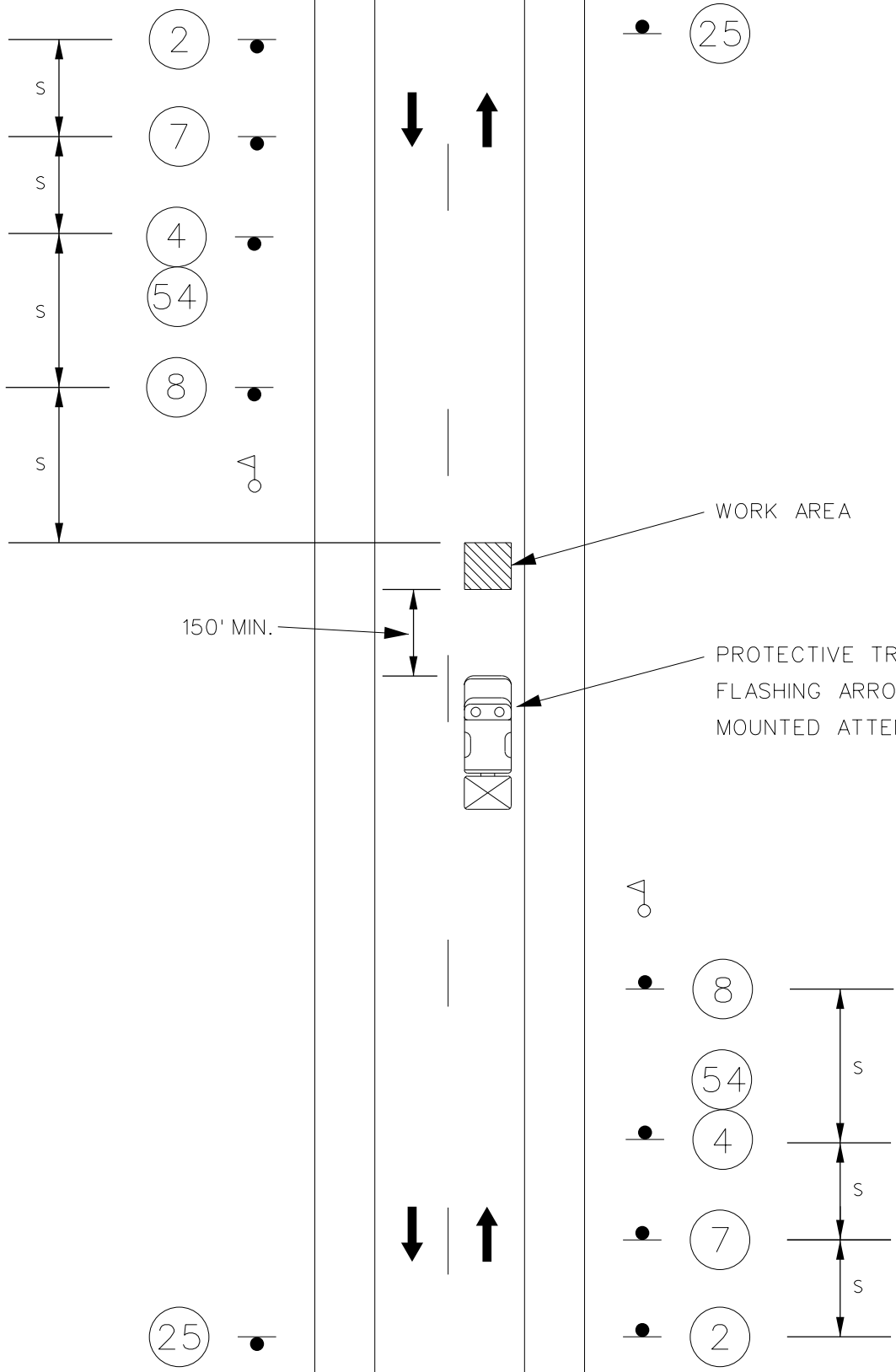
\* NOTE: THIS SIGN IS INSERTED BETWEEN SIGNS 7 & 8 WITH THE SPACING OF 1/2 THE STANDARD SPACING WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED.



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)	



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

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.

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

TA-17

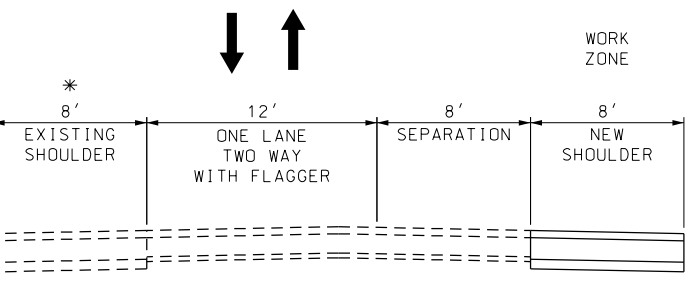
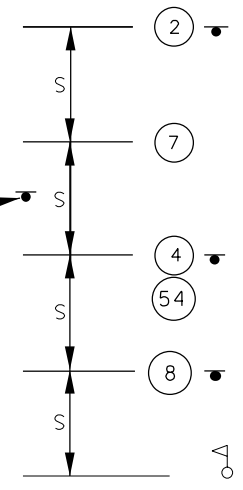
MOVING OPERATION  
 OPEN TO TRAFFIC  
 TEMPORARY  
 TRAFFIC CONTROL  
 SHEET 6 OF 11

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



USED WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED

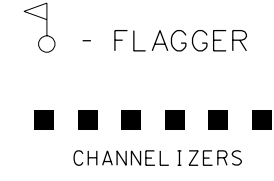
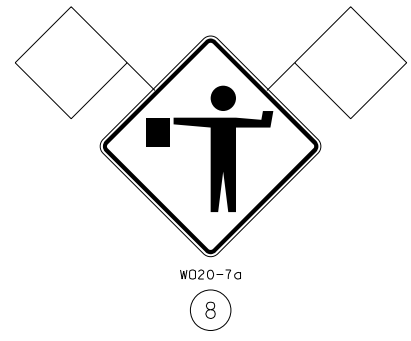
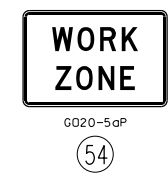
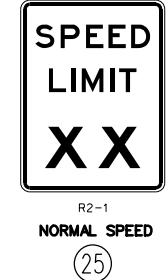
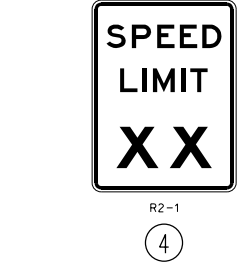
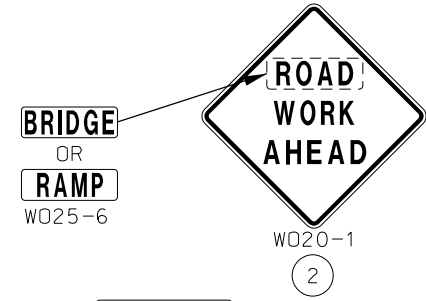
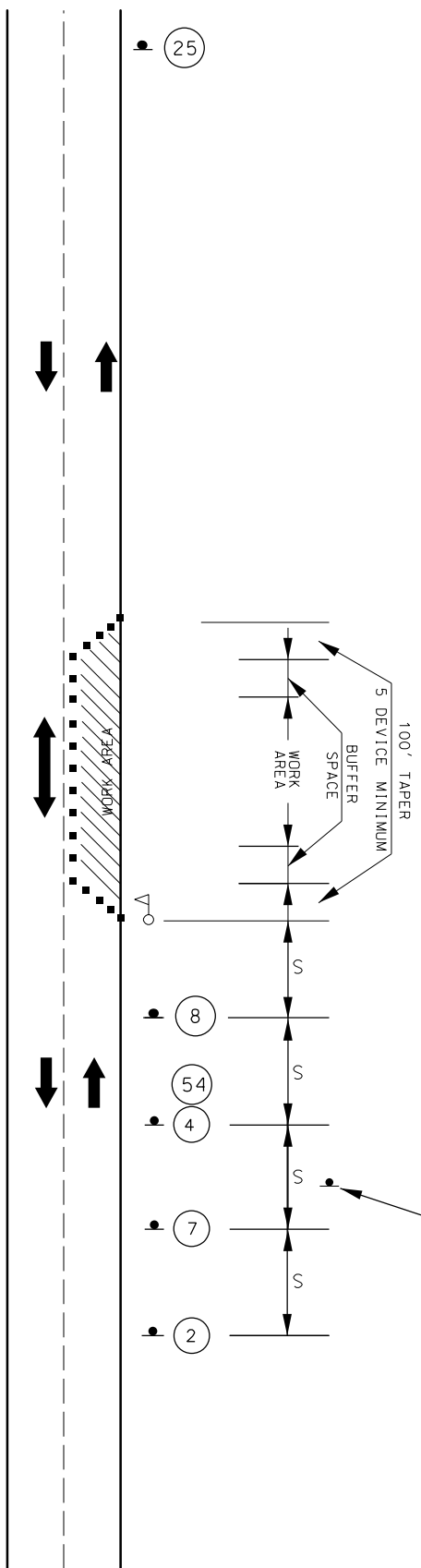
W03-4  
11



PHASE 1 TRAFFIC CONTROL SETUP

\* NOT FOR TRAFFIC, DO NOT DRIVE ON SHOULDER

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



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.

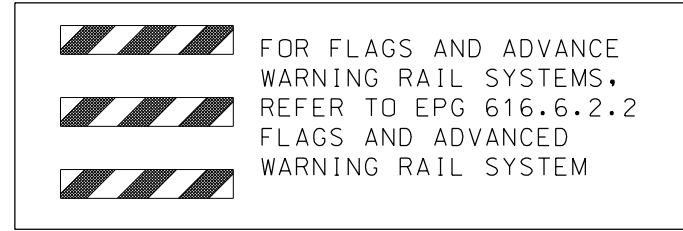
IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

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



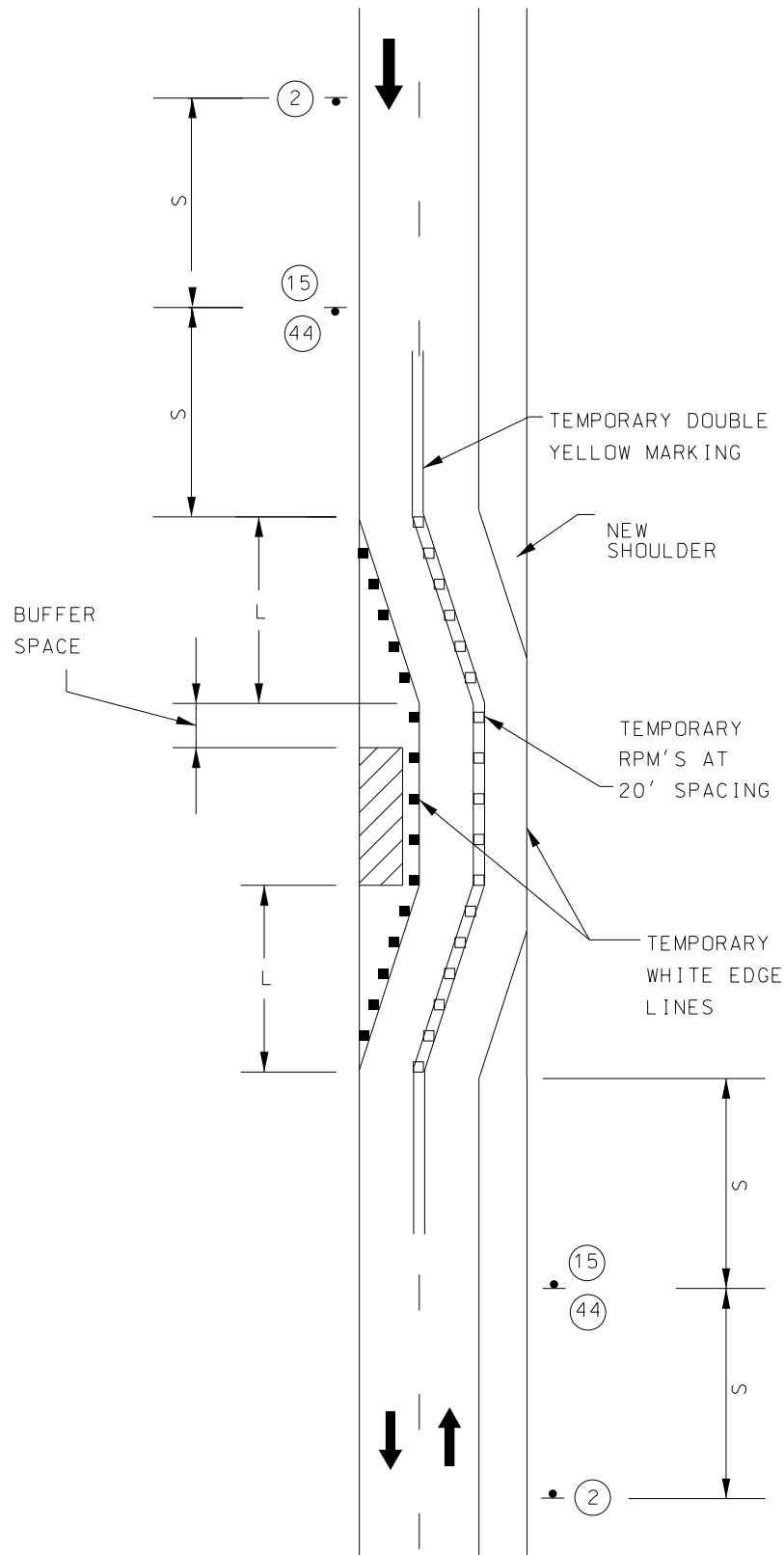
USED WHEN NO WORK ZONE SPEED LIMIT IS ESTABLISHED

W03-4  
11

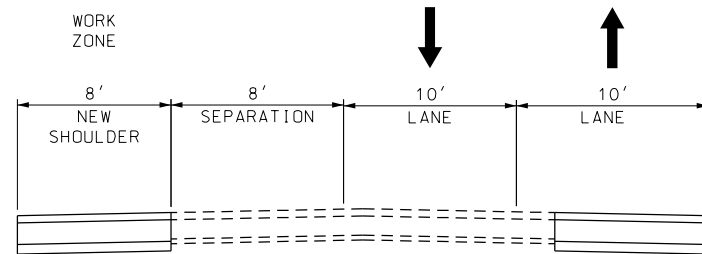


ONE LANE CLOSURE TWO WAY  
FLAGGER CONTROL  
TEMPORARY  
TRAFFIC CONTROL  
SHEET 7 OF 11

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



TA-7A  
LANE SHIFT ON TWO-LANE ROADWAY  
USING TEMPORARY PAVEMENT



PHASE 2  
TRAFFIC CONTROL  
SETUP

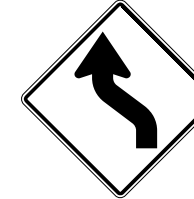


(2)

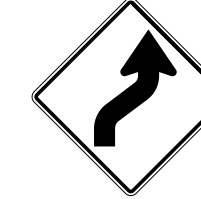
BRIDGE  
OR  
RAMP



(44)



(15)



(15)

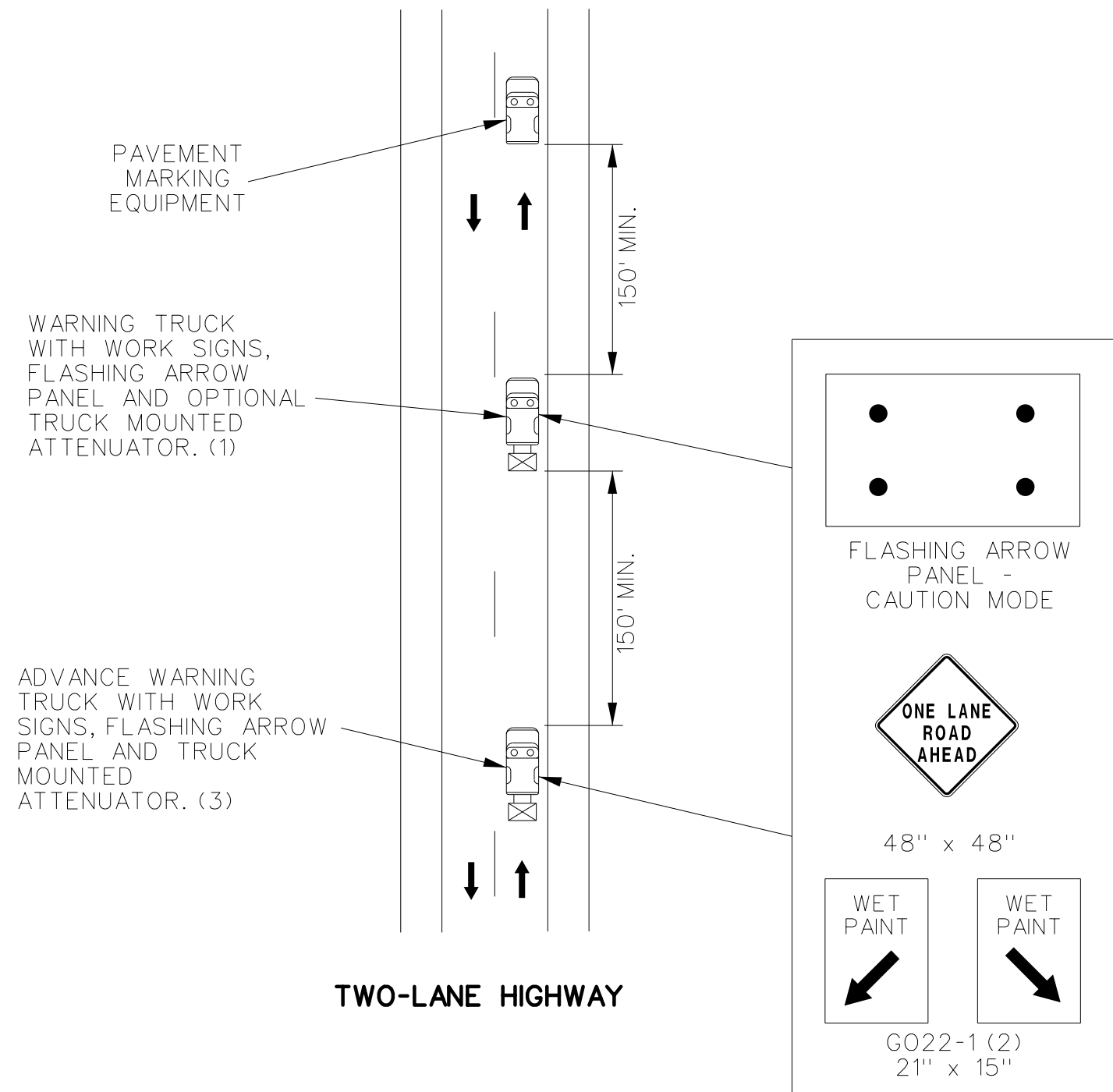
	FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2
	FLAGS AND ADVANCED WARNING RAIL SYSTEM

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). REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- (4). TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- (5). FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKINGS. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN ON TRAFFIC CONTROL SHEET 1
- (6). WHEN FULL LENGTH SHIFTING TAPERS CANNOT BE PROVIDED, SIGN (15) IS INSTALLED IN ADVANCE OF THE LANE SHIFTS.

DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 25
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.

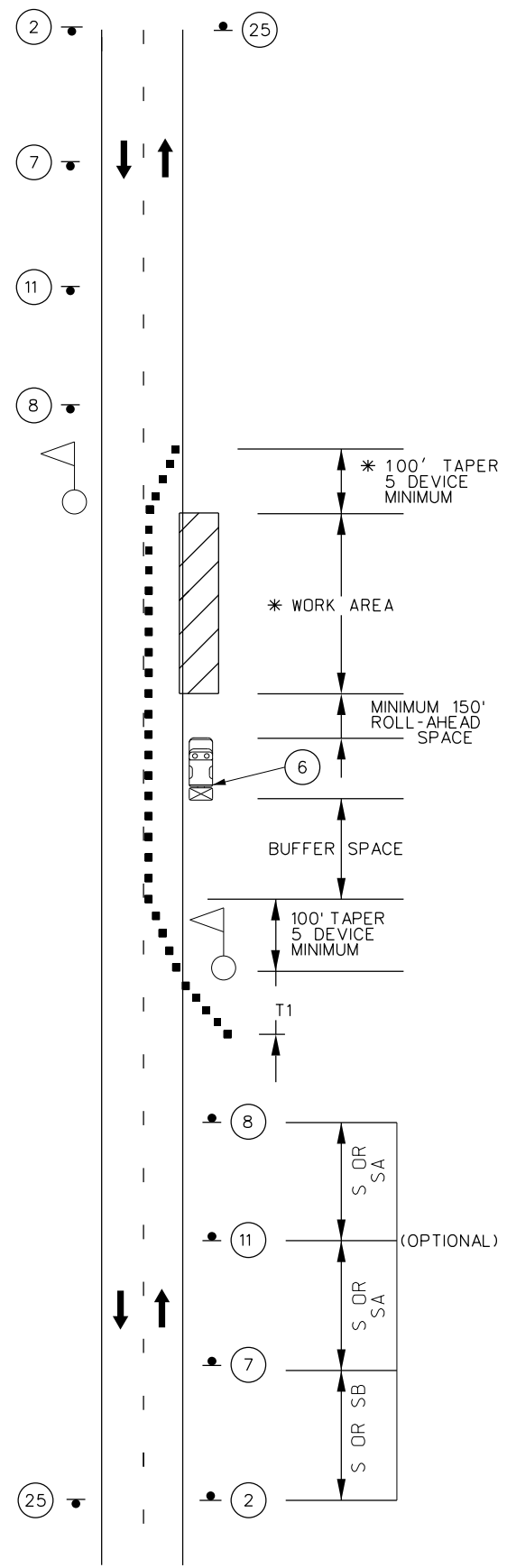
(1). TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(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.

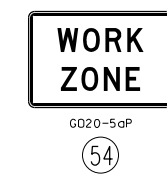
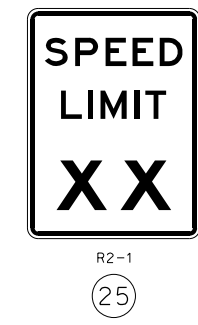
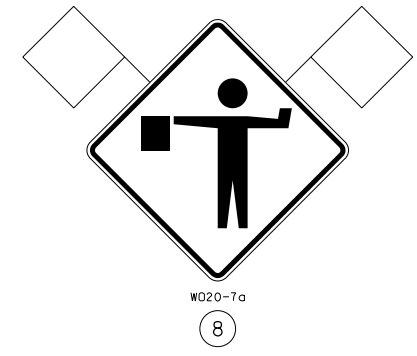
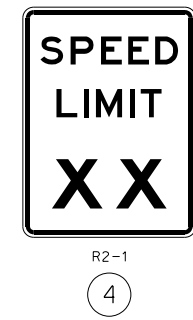
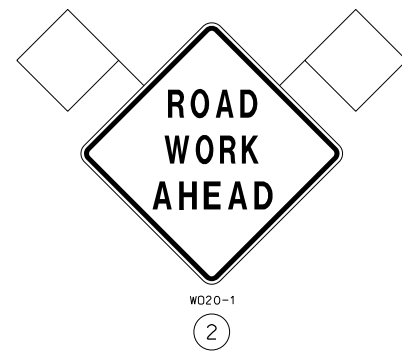
(3). ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

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

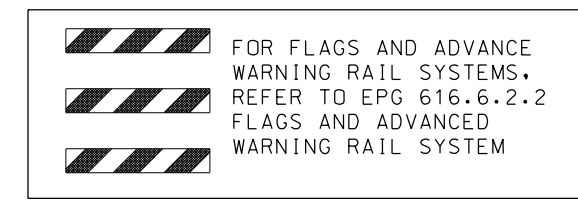
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 26
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)



NON-DIVIDED HIGHWAY SHOULDER WORK  
WHEN LANE CLOSURE IS REQUIRED




\* EXTEND CHANNELIZERS  
ACROSS BRIDGE AND TAPER  
BEYOND THE BRIDGE



NOTES:

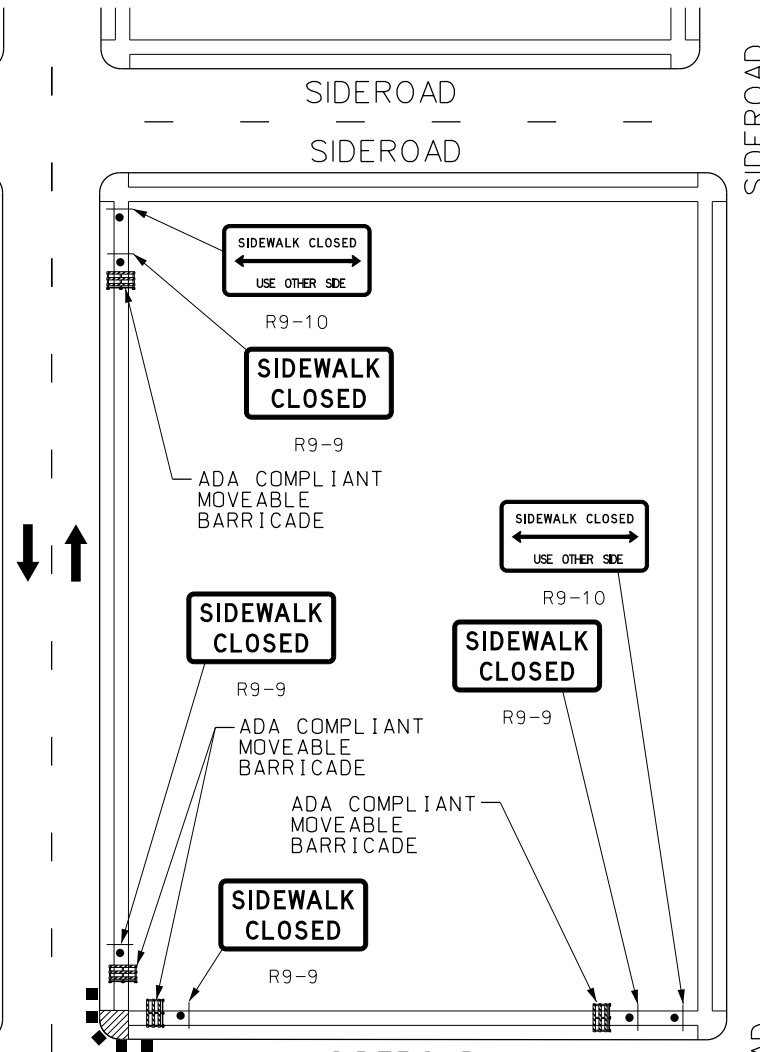
- (1). SEE TRAFFIC CONTROL SHEET 1 FOR WORK ZONE SPEED LIMIT GUIDELINES.
- (2). SEE TRAFFIC CONTROL SHEET 1 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.
- (3). IF WORK AREA IS WITHIN 15' OF SHOULDER

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.	
DESCRIPTION	DATE
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

SIDEWALK CLOSED

R9-9

ADA COMPLIANT  
MOVEABLE  
BARRICADE

ADA COMPLIANT  
MOVEABLE  
BARRICADE

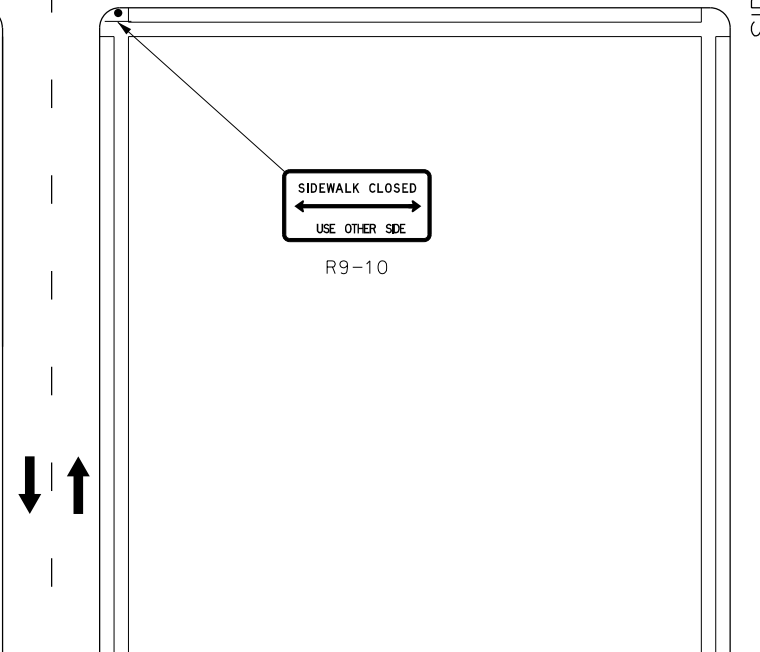
SIDEWALK CLOSED

R9-9

SIDEROAD  
SIDEROAD

SIDEROAD

SIDEROAD  
SIDEROAD



SIDEROAD

SIDEROAD  
SIDEROAD

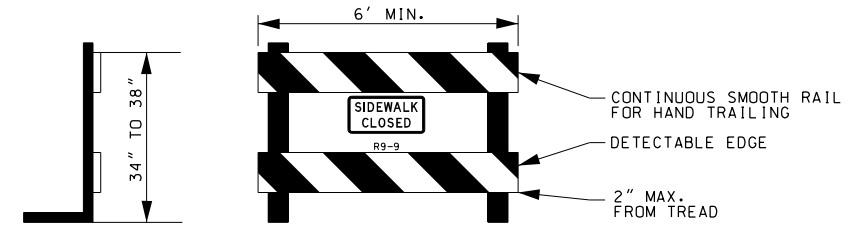
SIDEWALK CLOSED  
USE OTHER SIDE

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.

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




- NOTES:  
 1. TOPOGRAPHIC FEATURES ARE FOR INFORMATION ONLY.  
 2. FOR SIDEWALK AND CURB RAMP DETAIL, SEE SPECIAL SHEET XX OF XX FOR DETAILS.  
 3. EROSION CONTROL MAY BE ADJUSTED TO MEET FIELD AND SLOPE CONDITIONS, WITH APPROVAL OF THE ENGINEER IN CHARGE.  
 4. SEE EROSION CONTROL QUANTITIES FOR DETAILS.

**LEGEND**

 NEW CURB RAMP AREA

**EROSION CONTROL LEGEND**

 SILT FENCE

 CURB INLET CHECK

  
 DRAWING NOT TO SCALE

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

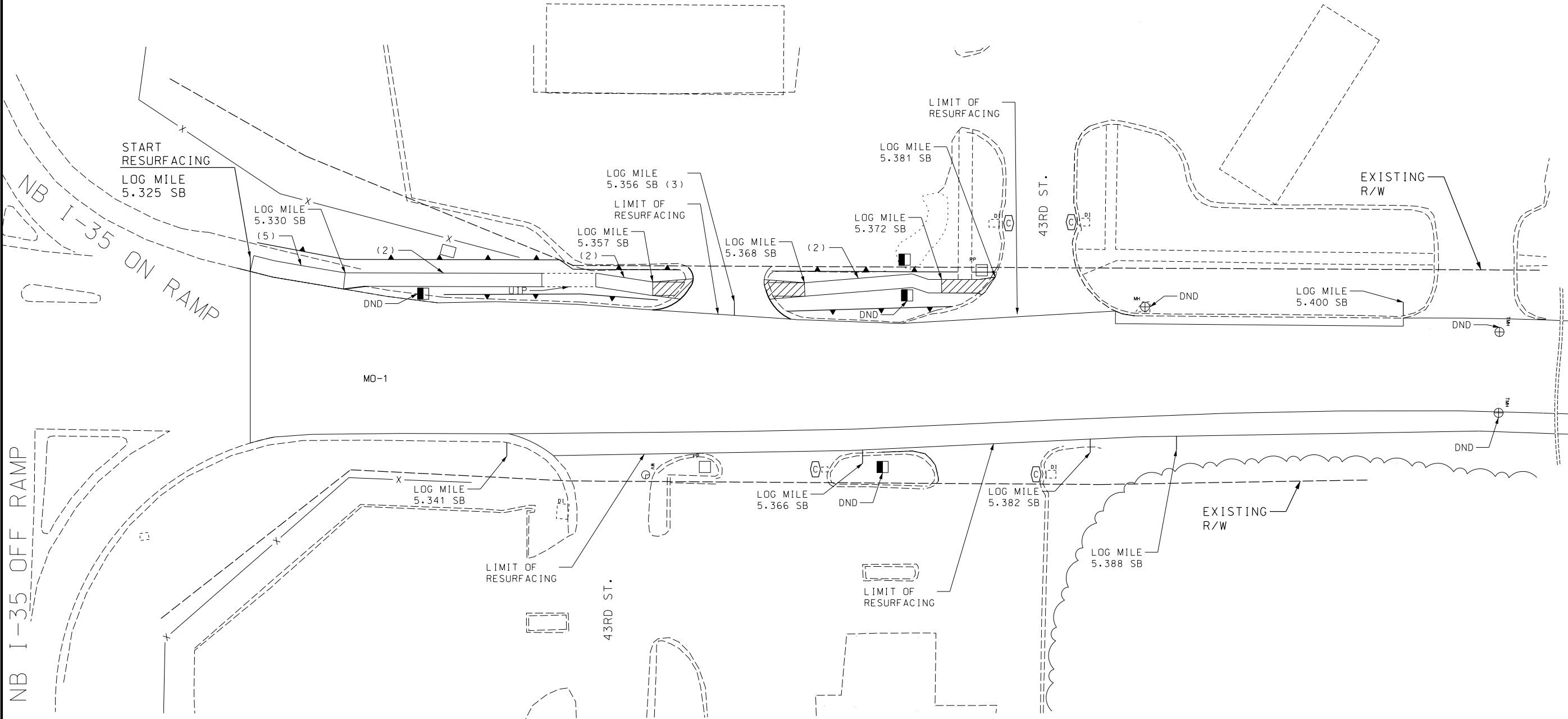
DATE PREPARED 11/23/2021	
ROUTE 1	STATE MO
DISTRICT KC	SHEET NO. 29
COUNTY CLAY	
JOB NO. J4S3343	
CONTRACT ID.	

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)

EROSION CONTROL SHEET  
 SHEET 1 OF 1



TOPOGRAPHIC FEATURES FOR INFORMATION ONLY