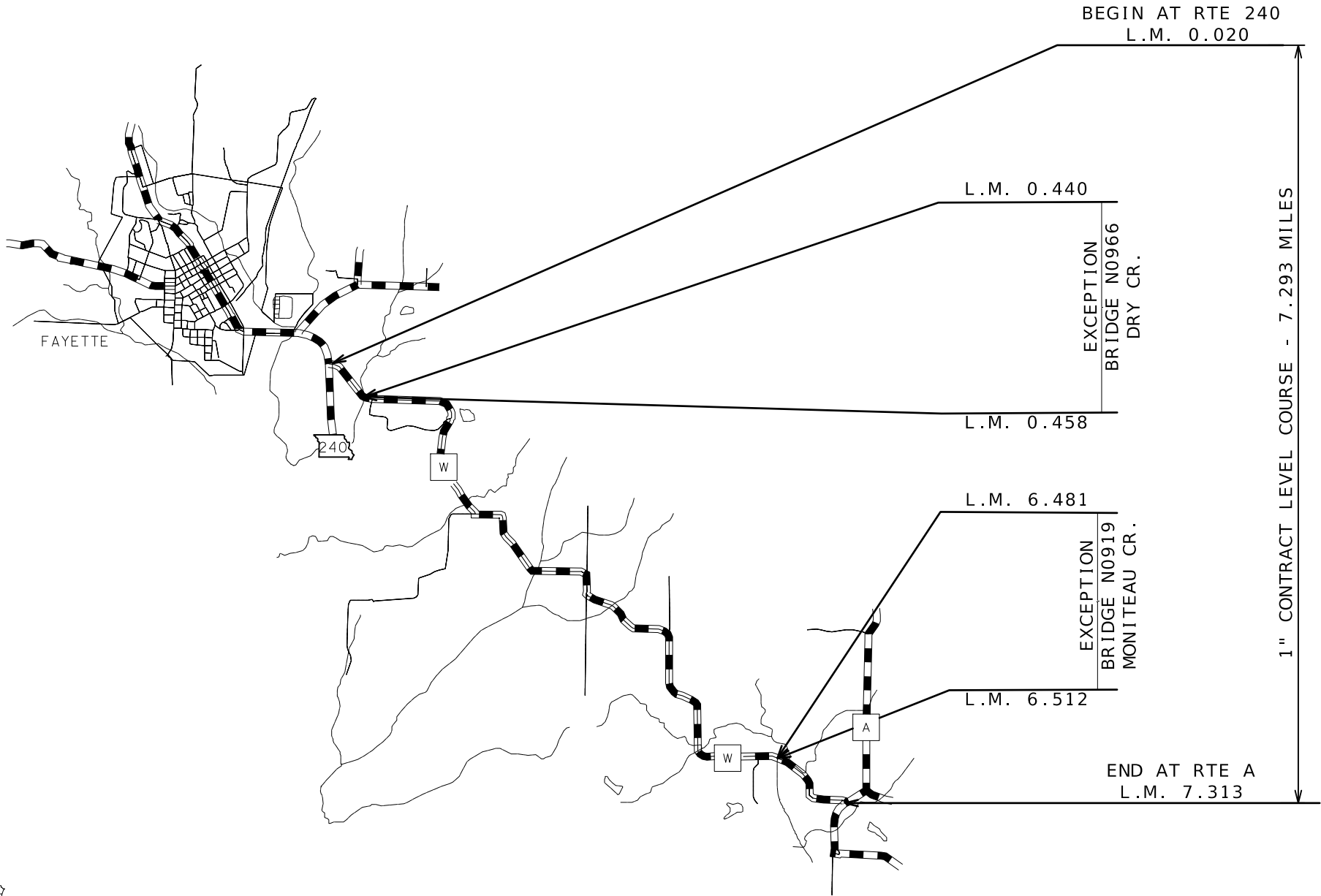


DESIGN DESIGNATION

A.A.D.T. - 2023 = 654
V = 55 M.P.H.

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

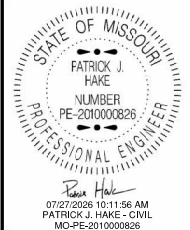


THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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.

NOT TO SCALE

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)----	2
QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-10



DATE PREPARED 7/27/2026	
ROUTE W	STATE MO
DISTRICT CD	SHEET NO. 1
COUNTY HOWARD	
JOB NO. JCD0188	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	L.M. 0.020
END OF PROJECT	L.M. 7.313
APPARENT LENGTH	38507.04 FEET

EQUATIONS AND EXCEPTIONS:

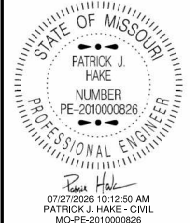
STATE BRIDGE N0966	
APPROX. L.M. 0.440 - L.M. 0.458	95.04 FEET
STATE BRIDGE N0919	
APPROX. L.M. 6.481 - L.M. 6.512	163.68 FEET

TOTAL CORRECTIONS	258.72 FEET
NET LENGTH OF PROJECT	38248.32 FEET
STATE LENGTH	7.244 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED 0 ACRES

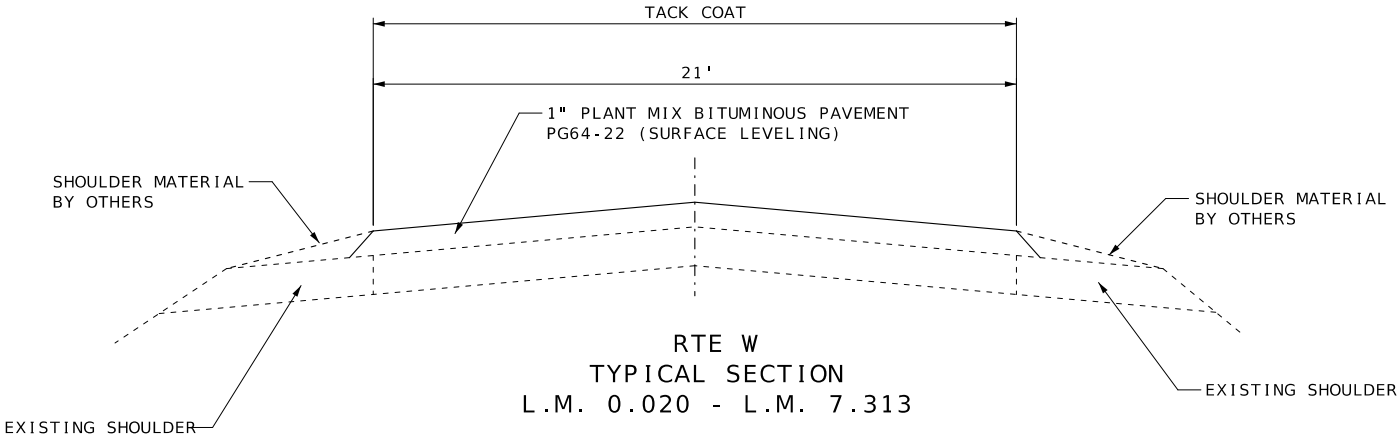
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED 7/27/2026	
ROUTE W	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY HOWARD	
JOB NO. JCD0188	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. ####	

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD ³
TACK COAT - EXIST. ASPHALT SURFACES	0.08 GAL/YD ²
TACK COAT - COLDMILLED SURFACES	0.10 GAL/YD ²



RTE W
TYPICAL SECTION
L.M. 0.020 - L.M. 7.313

EXCEPTION

BRIDGE N0966 DRY CR.
L.M. 0.440 - L.M. 0.458

BRIDGE N0919 MONITEAU CR.
L.M. 6.481 - L.M. 6.512

NOTE:
SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

GRAVEL (A) , CRUSHED STONE (B)				
LOG MILE	LOG MILE	LOCATION	GRAVEL (A) CRUSHED STONE (B) TONS	REMARKS
0.020	7.313	RTE W	410.00	GRAVEL ENTRANCES AND COUNTY ROADS
TOTAL			410.0	
USE			410	

1" BITUMINOUS PAVEMENT SURFACE LEVELING PG64 - 22									
APPROX. LOG MILE	APPROX. LOG MILE	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	1" SURFACE LEVELING PG64-22 1" THICK 1.987 TON/CY TONS	TACK COAT NON-TRACKING EXIST. ASPHALT SURFACES 0.08 GAL/SY GAL	TACK COAT NON-TRACKING COLDMILLED SURFACES 0.10 GAL/SY GAL	REMARKS
0.020	0.025	ROUTE W	25.00	21	525.00	3.22		5.83	MODIFIED COLDMILLING START PROJECT - APPROX. 58.33 SQ. YDS.
0.025	0.435	ROUTE W	2164.80	21	45460.80	278.80	404.10		
0.435	0.440	ROUTE W	25.00	21	525.00	3.22		5.83	MODIFIED COLDMILLING BEFORE BRIDGE EXCEPTION - APPROX. 58.33 SQ. YDS
0.440	0.458	ROUTE W	92.00	21					EXCEPTION - BRIDGE N0966 DRY CR.
0.458	0.463	ROUTE W	25.00	21	525.00	3.22		5.83	MODIFIED COLDMILLING AFTER BRIDGE EXCEPTION - APPROX. 58.33 SQ. YDS
0.463	6.476	ROUTE W	31748.64	21	666721.44	4088.80	5926.41		
6.476	6.481	ROUTE W	25.00	21	525.00	3.22		5.83	MODIFIED COLDMILLING BEFORE BRIDGE EXCEPTION - APPROX. 58.33 SQ. YDS
6.481	6.512	ROUTE W	165.00	21					EXCEPTION - BRIDGE N0919 MONITEAU CR.
6.512	6.517	ROUTE W	25.00	21	525.00	3.22		5.83	MODIFIED COLDMILLING AFTER BRIDGE EXCEPTION - APPROX. 58.33 SQ. YDS
6.517	7.290	ROUTE W	4081.44	21	85710.24	525.63	761.87		
7.290	7.311	ROUTE W	110.88	VARIES	4421.25	27.11	39.30		
7.311	7.313	ROUTE W	10.00	VARIES	1560.96	9.57		17.34	MODIFIED COLDMILLING END PROJECT - APPROX.173.44 SQ. YDS.
0.020	7.313	ROUTE W	VARIES	2	4558.10	27.95	40.52		PRIVATE ENTRANCES
		ROUTE W				989.20			20% FOR IRREGULARITIES
		ROUTE W				98.92			2% SAFETY EDGE
TOTAL						6062.08	7172.20	46.49	
USE						6062.1	7219		

COLDMILLING						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT	WIDTH FT	MODIFIED COLDMILLING (DEPTH TRANSITIONS) SQ. YDS.	REMARKS
0.020	0.025	ROUTE W	25.00	21	58.33	MODIFIED COLDMILLING START PROJECT
0.435	0.440	ROUTE W	25.00	21	58.33	MODIFIED COLDMILLING BEFORE BRIDGE EXCEPTION - N0966 DRY CR.
0.458	0.463	ROUTE W	25.00	21	58.33	MODIFIED COLDMILLING AFTER BRIDGE EXCEPTION - N0966 DRY CR.
6.476	6.481	ROUTE W	25.00	21	58.33	MODIFIED COLDMILLING BEFORE BRIDGE EXCEPTION - N0919 MONITEAU CR.
6.512	6.517	ROUTE W	25.00	21	58.33	MODIFIED COLDMILLING AFTER BRIDGE EXCEPTION - N0919 MONITEAU CR.
7.311	7.313	ROUTE W	10.00	VARIES	173.44	MODIFIED COLDMILLING END PROJECT
0.000	7.313	ROUTE W	4.00	VARIES	45.78	CONCRETE ENTRANCES
TOTAL					510.87	
USE					511	

STATE OF MISSOURI

PATRICK J. HAKE

NUMBER

PE-2010000826

PROFESSIONAL ENGINEER

07/27/2026 10:12:58 AM

PATRICK J. HAKE - CIVIL

MO-PE-2010000826

DATE PREPARED

7/27/2026

ROUTE

W

DISTRICT

CD

STATE

MO

SHEET NO.

3

COUNTY

HOWARD

JOB NO.

JCD0188

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

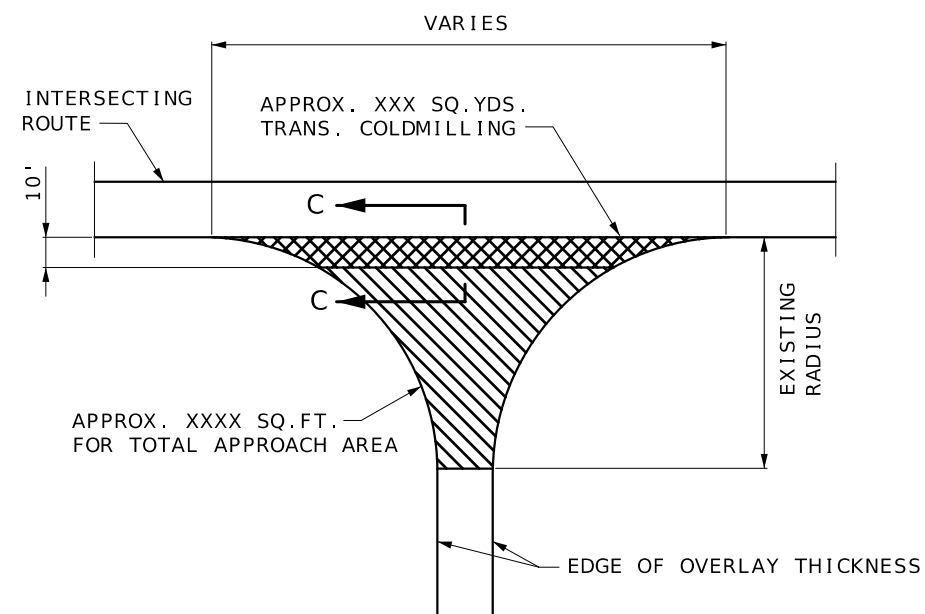
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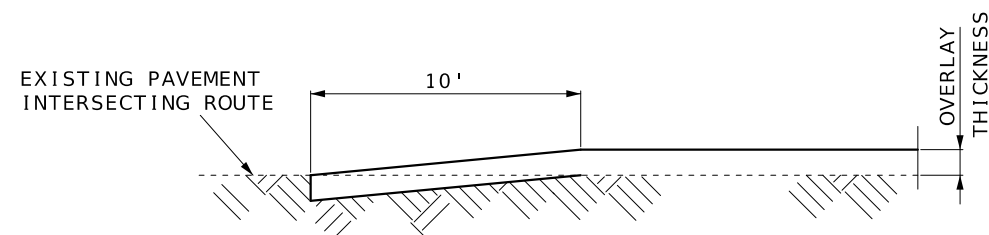
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

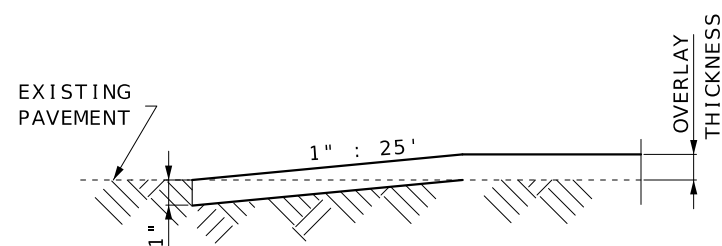


BEGINNING AND END OF PROJECT AT INTERSECTING ROUTE

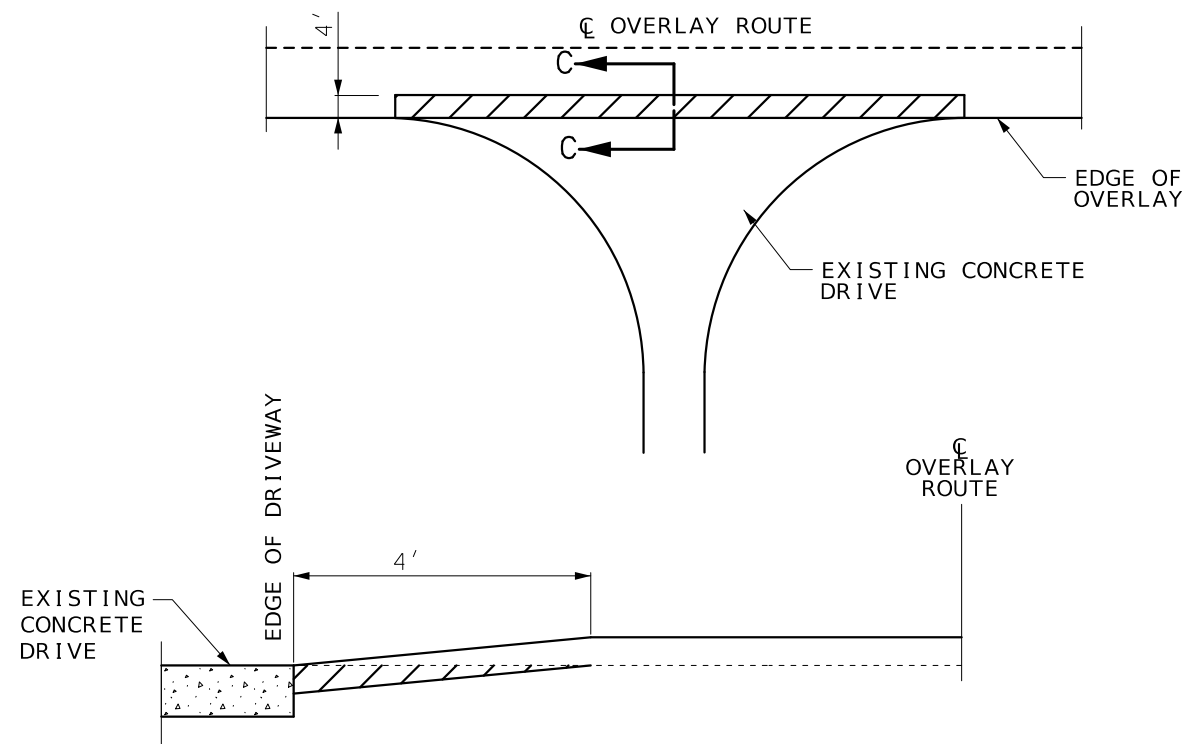


SECTION C-C

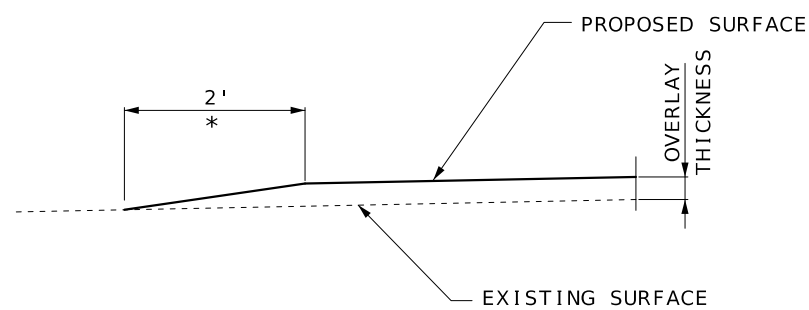
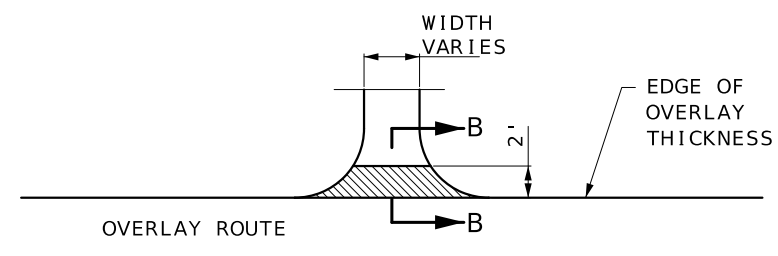
DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
NOT AT INTERSECTING ROUTE
AND AT EXCEPTIONS

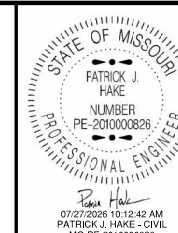


SECTION C-C
OPTIONAL - MILL ALONG
CONCRETE ENTRANCES AND INTERSECTION ROUTE



SECTION B-B

TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



DATE PREPARED

7/27/202

ROUTE	ST
-------	----

W	M
---	---

DISTRICT	SHEET
----------	-------

CD	
----	--

COUNTY

HOWARD

JOB NO.

JCD0188

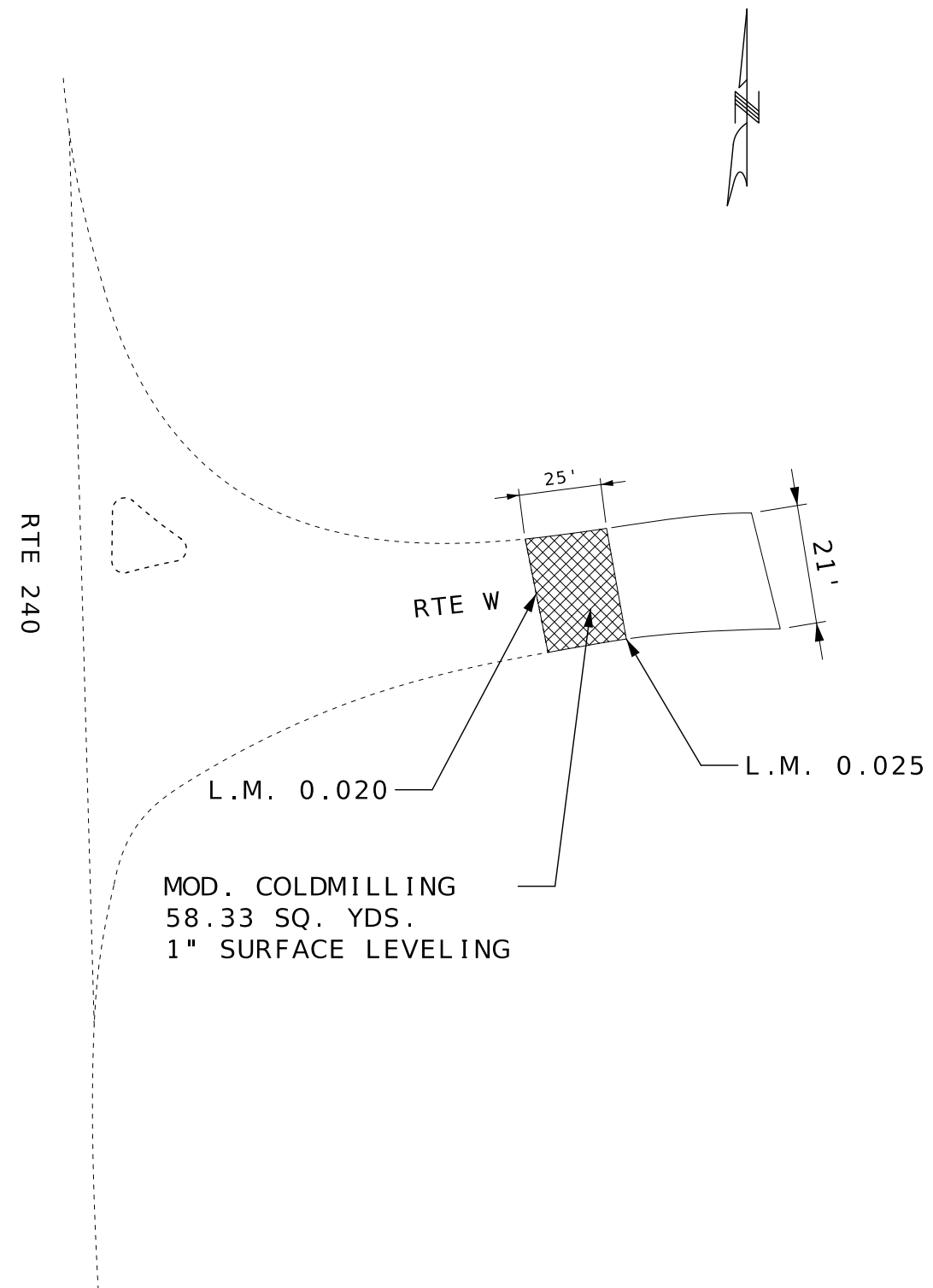
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PROJECT NO. _____

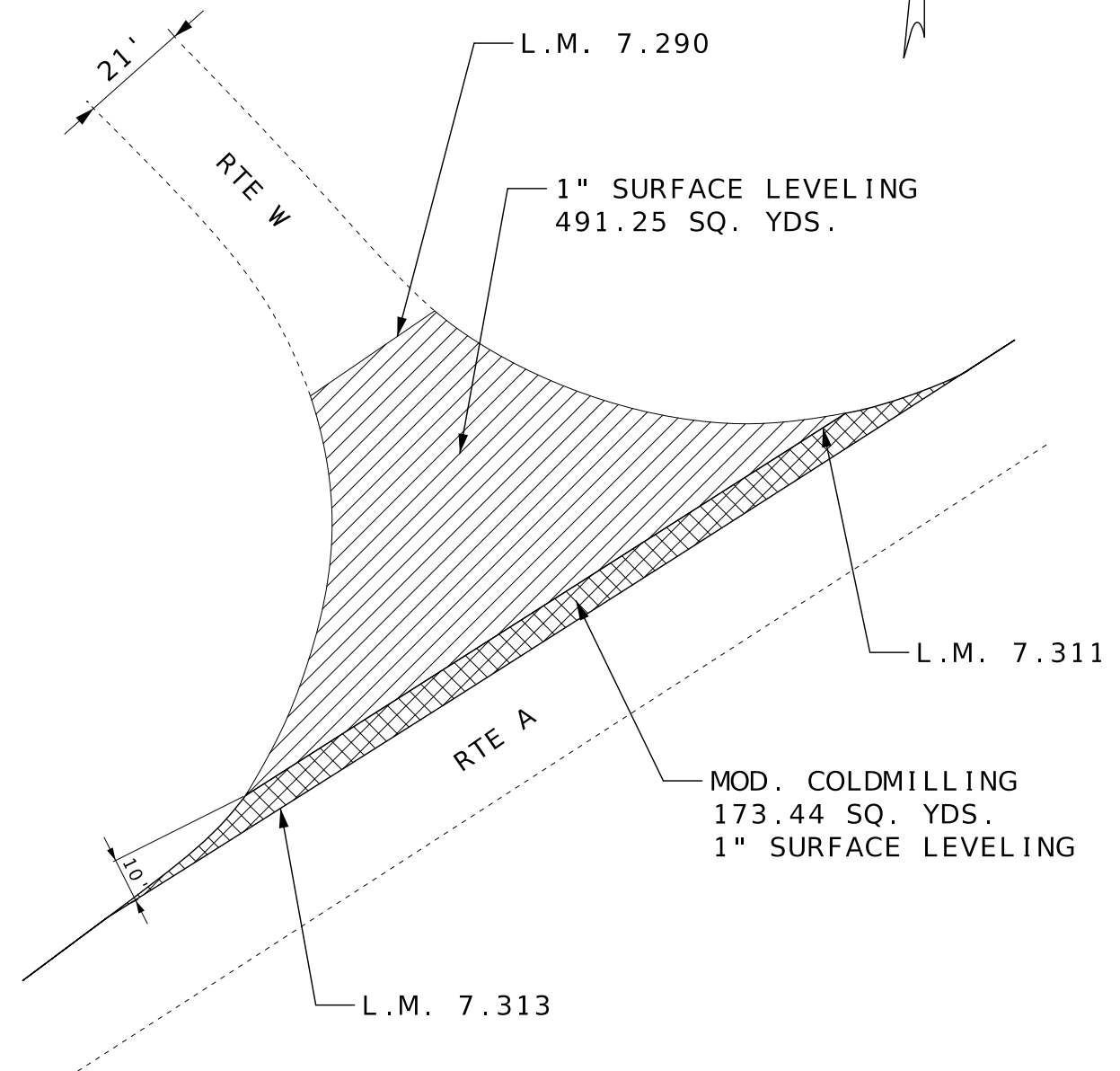
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

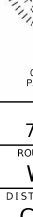
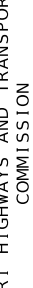


BEGINNING OF PROJECT
AT ROUTE W

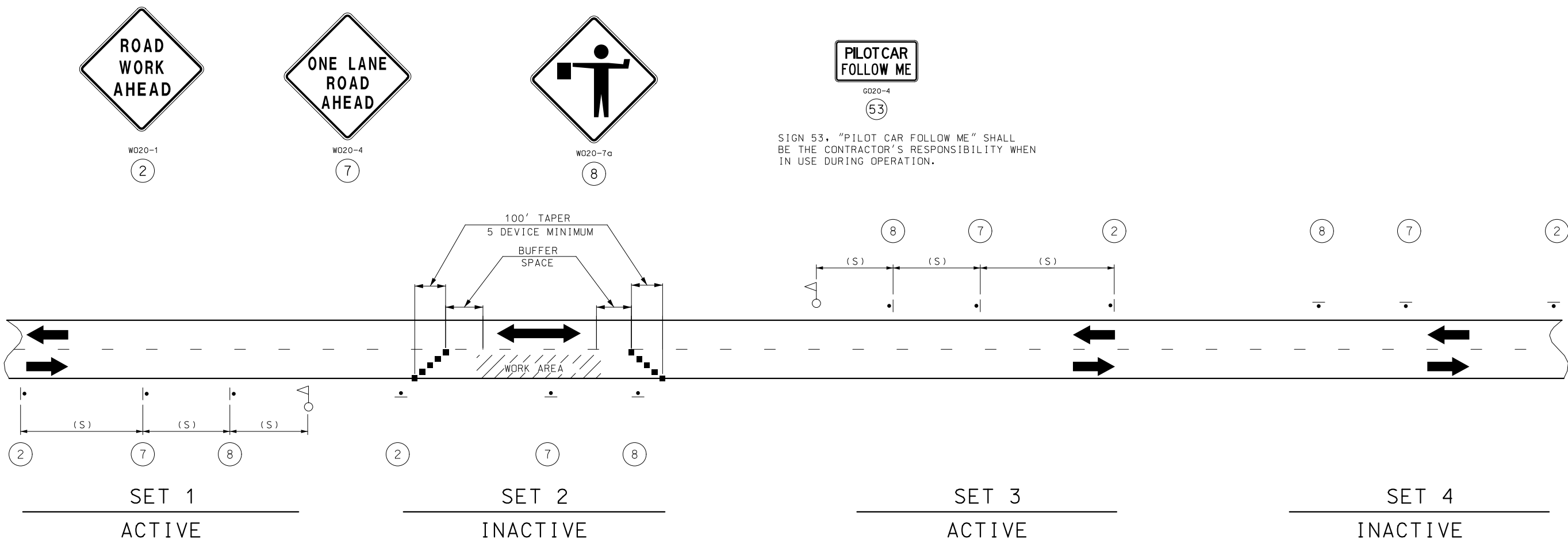


END OF PROJECT
AT ROUTE A

NOT TO SCALE

	
DATE PREPARED 7/27/2026	
ROUTE W	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY HOWARD	
JOB NO. JCD0188	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
	
105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	

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



NOTES:

THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

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.

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

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

■ - CHANNELIZERS

○ - FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	250
40-45	350	360
50-55	500	495
60-70	1000	730

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI

PATRICK J. HAKE

NUMBER

PE-2010000826

PROFESSIONAL ENGINEER

07/27/2026 10:12:25 AM

PATRICK J. HAKE - CIVIL

MO-PE-2010000826

DATE PREPARED

7/27/2026

ROUTE

W

DISTRICT

CD

STATE

MO

SHEET NO.

7

COUNTY

HOWARD

JOB NO.

JCD0188

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

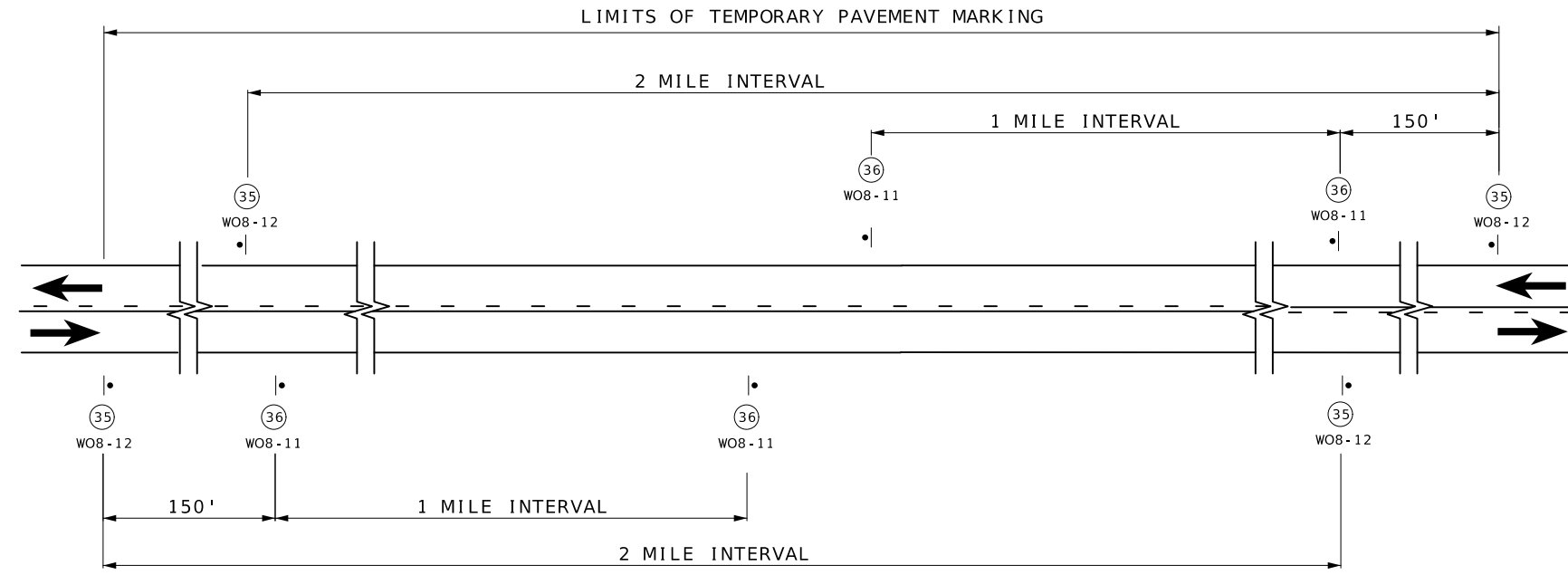
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

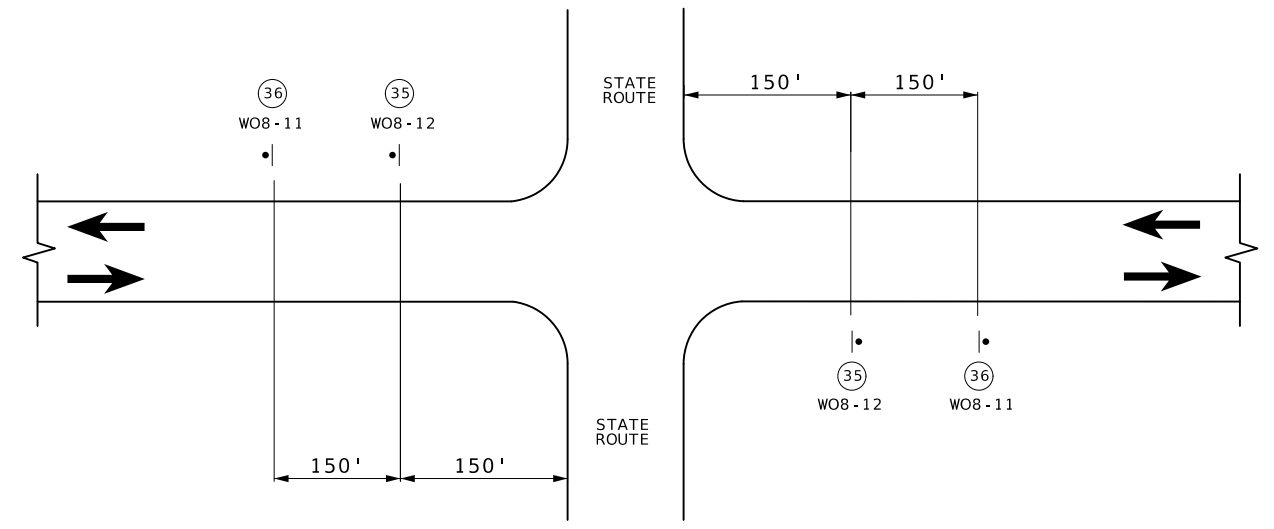
JEFFERSON CITY, MO 65102

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

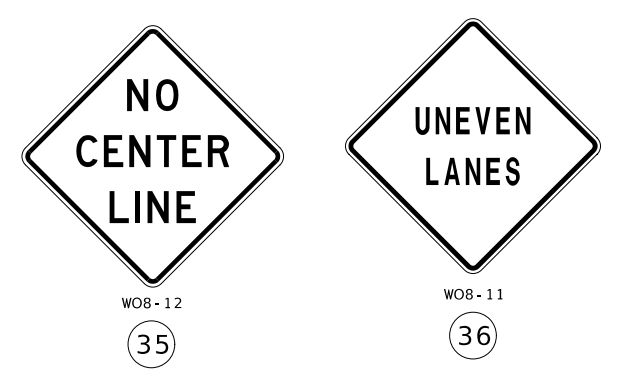




SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE



NOTES:

SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

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

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

STATE OF MISSOURI

PATRICK J. HAKE

NUMBER

PE-2010000826

PROFESSIONAL ENGINEER

DATE PREPARED

7/27/2026

ROUTE

W

DISTRICT

CD

STATE

MO

SHEET NO.

9

COUNTY

HOWARD

JOB NO.

JCD0188

CONTRACT ID.

PROJECT NO.

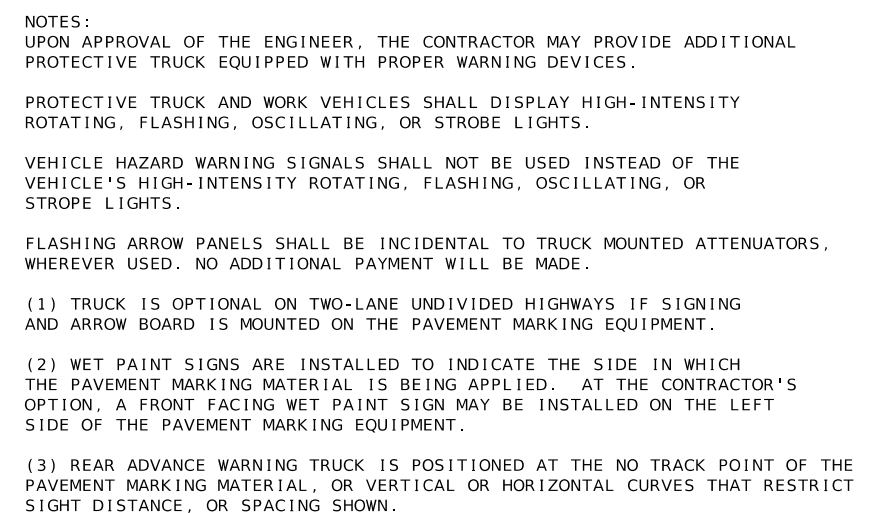
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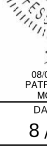
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TRAFFIC CONTROL
SHEET 5 OF 5



Patrick J. Hake
 08/03/2026 1:17:50 PM
 PATRICK J. HAKE - CIVIL
 MO-PE-2010000828
 DATE PREPARED
8/3/2026

ROUTE W	STATE MO	
DISTRICT CD	SHEET NO. 10	
COUNTY HOWARD		
JOB NO. JCD0188		
CONTRACT ID.		
PROJECT NO.		
BRIDGE NO.		
DATE	DESCRIPTION	MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)