

DESIGN DESIGNATION

ROUTE KK
 A.A.D.T. - 2024 = 419
 V = 55 M.P.H.
 T = 15.5 %
 FUNCTIONAL CLASS - MINOR COLLECTOR

ROUTE F
 A.A.D.T. - 2024 = 764
 V = 55 M.P.H.
 T = 31.8 %
 FUNCTIONAL CLASS - MAJOR COLLECTOR

ROUTE EE
 A.A.D.T. - 2024 = 172
 V = 55 M.P.H.
 T = 15.6 %
 FUNCTIONAL CLASS - MINOR COLLECTOR

NO NEW R/W TO BE ACQUIRED

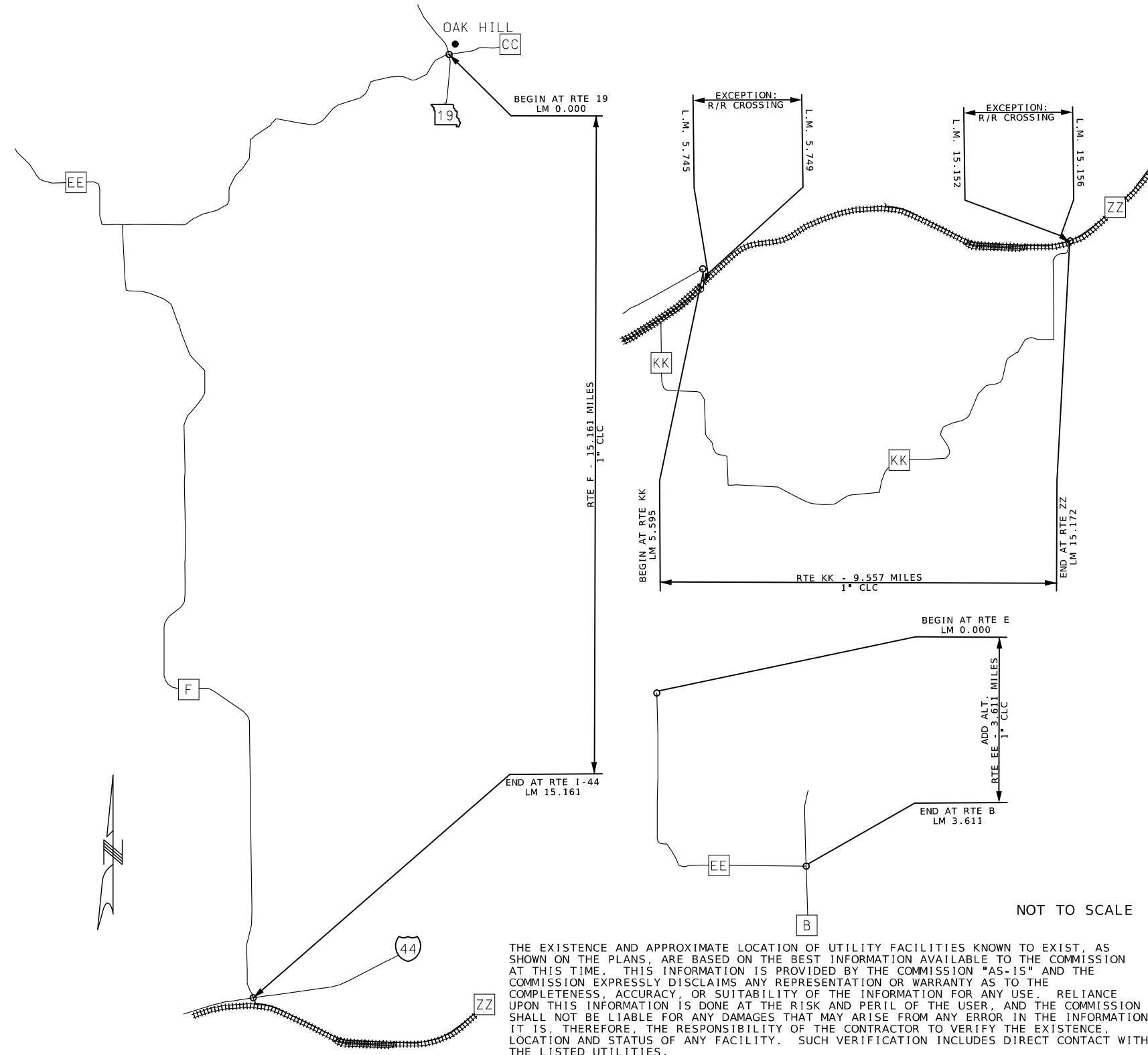


LOCATION OF CRAWFORD, AND PHELPS COUNTY

ADD ALTERNATE

ROUTE EE (PHELPS COUNTY)		
BEGINNING OF PROJECT	LOG MILE	0.000
END OF PROJECT	LOG MILE	3.611
APPARENT LENGTH		3.611 MILES
TOTAL CORRECTIONS		0.000 MILES
NET LENGTH OF PROJECT		19,066.08 FEET
STATE LENGTH		3.611 MILES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY CRAWFORD AND PHELPS 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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (2 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-9
TRAFFIC CONTROL SHEETS (TC)-----	10-14

LENGTH OF PROJECT

ROUTE KK (CRAWFORD COUNTY)		
BEGINNING OF PROJECT	LOG MILE	5.595
END OF PROJECT	LOG MILE	15.172
APPARENT LENGTH		9.577 MILES
EQUATIONS AND EXCEPTIONS:		-0.008 MILES
RAILROAD CROSSING	LOG MILE	5.745
	LOG MILE	5.749
		-0.004 MILES
RAILROAD CROSSING	LOG MILE	15.152
	LOG MILE	15.156
		-0.004 MILES

ROUTE F (CRAWFORD COUNTY)		
BEGINNING OF PROJECT	LOG MILE	0.000
END OF PROJECT	LOG MILE	15.161
APPARENT LENGTH		15.161 MILES
EQUATIONS AND EXCEPTIONS:		

TOTAL CORRECTIONS		-0.008 MILES
NET LENGTH OF PROJECT		130,574.40 FEET
STATE LENGTH		24.730 MILES



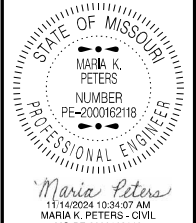
DATE PREPARED
11/14/2024
 ROUTE STATE
 VAR MO
 DISTRICT SHEET NO.
 CD 1
 COUNTY
 VARIOUS
 JOB NO.
 JST0127
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

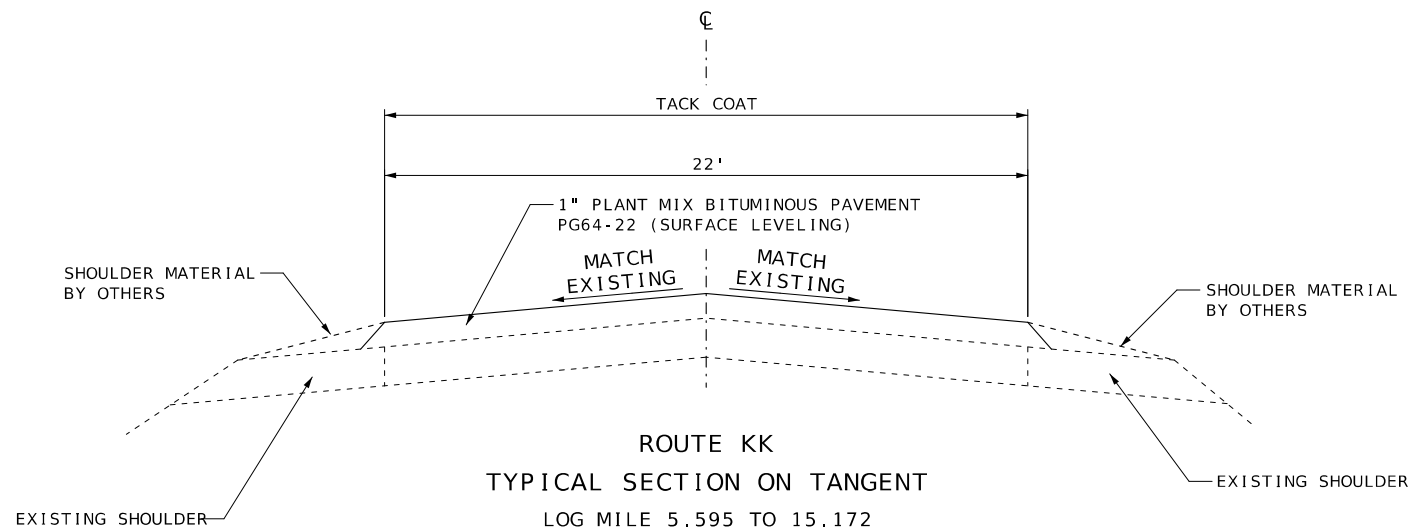
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

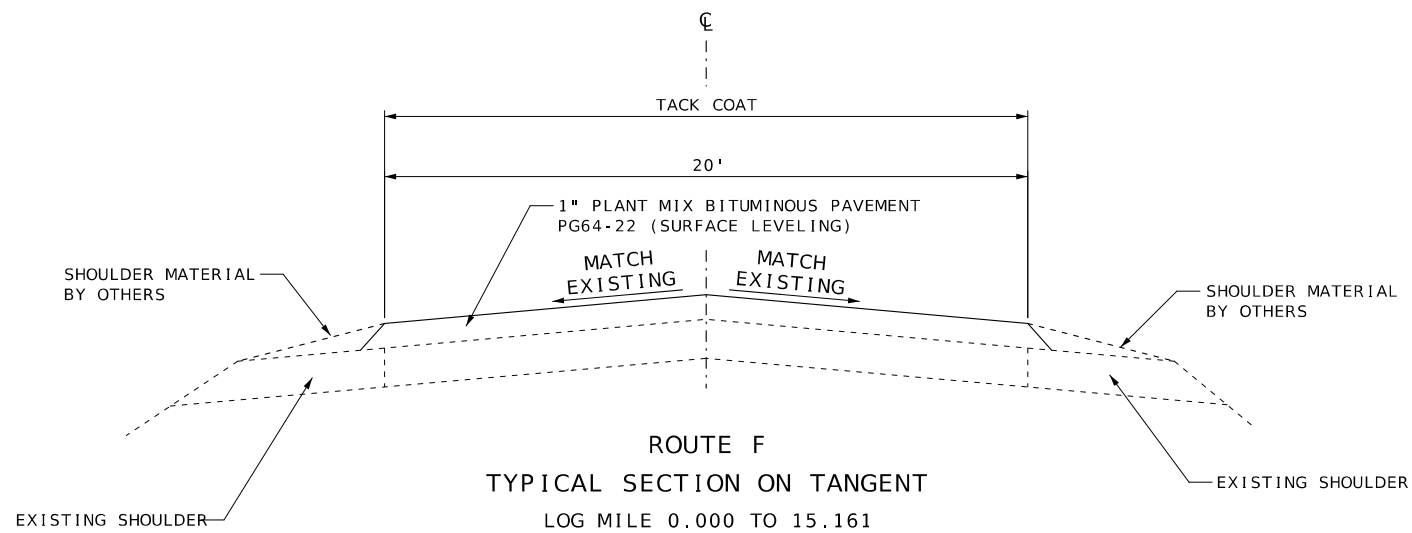


DATE PREPARED
 11/14/2024

ROUTE VAR STATE MO DISTRICT CD SHEET NO. 2 COUNTY VARIOUS JOB NO. JST0127 CONTRACT ID. PROJECT NO. BRIDGE NO.



RESURFACING EXCEPTIONS:
 R/R CROSSING - L.M. 5.745 TO L.M. 5.749
 R/R CROSSING - L.M. 15.152 TO L.M. 15.156



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

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD ³
TACK COAT	.08 GAL/YD ²

BASE PROJECT
 TYPICAL SECTION
 SHEET 1 OF 2

DESCRIPTION	DATE

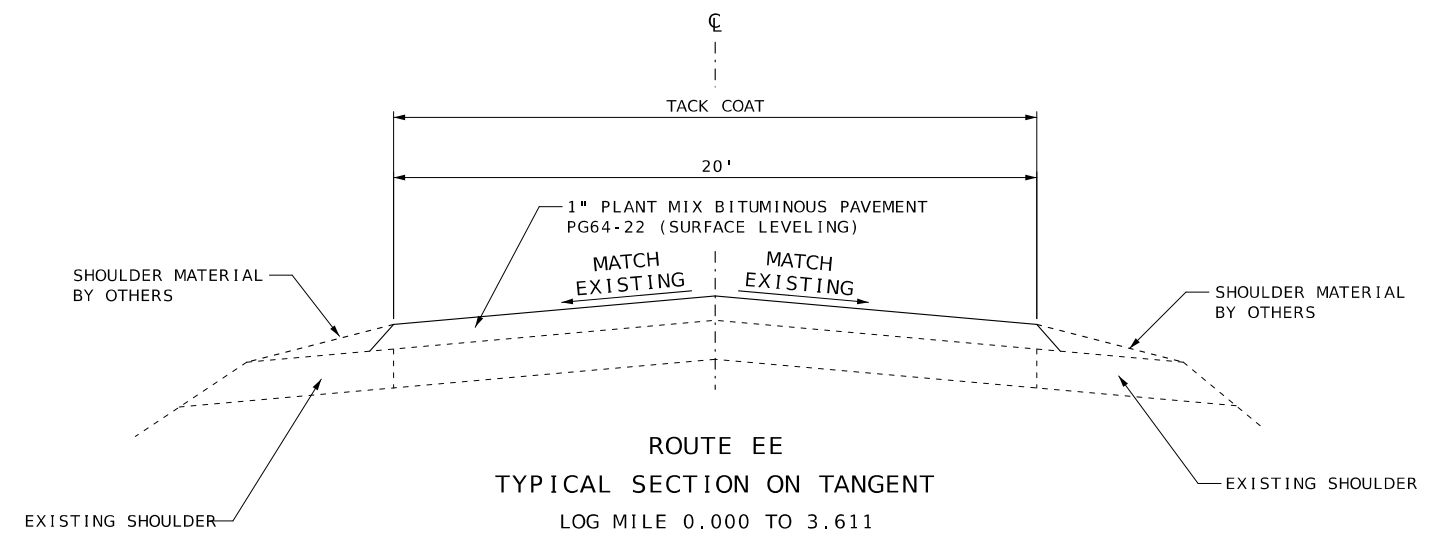
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



Maria Peters
 11/08/2024 9:59:27 AM
 MARIA K. PETERS - CIVIL
 MO-PE-2000162118

DATE PREPARED	
11/7/2024	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
CD	2
COUNTY	
VARIOUS	
JOB NO.	
JST0127	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	




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

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD ³
TACK COAT	.08 GAL/YD ²

ADD ALTERNATE
 TYPICAL SECTION
 SHEET 2 OF 2

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



DATE PREPARED
11/7/2024

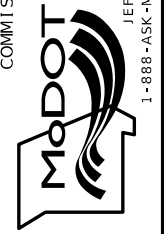
ROUTE VAR STATE MO
DISTRICT CD SHEET NO. 3

COUNTY VARIOUS
JOB NO. JST0127
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)



BITUMINOUS SURFACE LEVELING - ROUTE KK								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	SURFACE LEVELING PG 64-22 TONS	TACK COAT GAL	REMARKS
5.595	5.745	ROUTE KK	792	22	17424.00	106.86	154.88	START OF PROJECT
5.745	5.749	ROUTE KK						R/R EXCEPTION
5.749	15.152	ROUTE KK	49647.84	22	1092252.48	6698.45	9708.91	
15.152	15.156	ROUTE KK						R/R EXCEPTION
15.156	15.161	ROUTE KK	26.4	22	580.80	3.56	5.16	END OF PROJECT
15.161	15.172	ROUTE KK	VAR	VAR	1465.81	8.99	13.03	END OF PROJECT
5.595	15.172	ROUTE KK	464.02	VAR	952.00	5.84	8.46	PRIVATE ENTRANCES & COUNTY ROADS
						1705.93		25% IRREGULARITIES
SUB TOTAL 1						8529.63	9890.44	

MODIFIED COLD MILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	QUANTITY (SY)	REMARKS
5.595	5.597	ROUTE KK	10	22	24.4	START OF PROJECT - ROUTE KK
5.740	5.745	ROUTE KK	25	22	61.1	R/R CROSSING
5.749	5.754	ROUTE KK	25	22	61.1	R/R CROSSING
15.147	15.152	ROUTE KK	25	22	61.1	R/R CROSSING
15.156	15.161	ROUTE KK	25	22	61.1	R/R CROSSING
15.170	15.172	ROUTE KK	VAR	10	110.9	END OF PROJECT
SUBTOTAL 1					379.7	
0.000	0.012	ROUTE F	VAR	VAR	64.2	START OF PROJECT - ROUTE F
4.849		ROUTE F	VAR	10	60.2	ROUTE EE
15.098	15.122	ROUTE F	VAR	VAR	41.5	I-44 OUTER RD
15.156	15.161	ROUTE F	25	22	61.1	BRIDGE A1383
SUBTOTAL 2					227.0	
TOTAL USE					606.7	607

BITUMINOUS SURFACE LEVELING - ROUTE F								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	SURFACE LEVELING PG 64-22 TONS	TACK COAT GAL	REMARKS
0.000	0.012	ROUTE F	VAR	VAR	1464.33	8.98	13.02	START OF PROJECT
0.012	15.161	ROUTE F	79986.72	20	1599734.40	9810.68	14219.86	
4.840	4.849	ROUTE F	VAR	20	3346.47	20.52	29.75	ROUTE EE
15.098	15.122	ROUTE F	VAR	VAR	4291.54	26.32	38.15	I-44 OUTER RD
0.000	15.161	ROUTE F	15.161	VAR	1512.00	9.27	13.44	PRIVATE ENTRANCES
						2468.94		25% IRREGULARITIES
SUB TOTAL 1							9890.44	
SUB TOTAL 2						12344.71	14314.22	
USE							24205	

GRAVEL (A), CRUSHED STONE (B) - ROUTE KK				
LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS	REMARKS
5.595	15.172	ROUTE KK	475.00	ROUTE KK GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
TOTAL USE			475.0	475

GRAVEL (A), CRUSHED STONE (B) - ROUTE F				
LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS	REMARKS
0.000	15.161	ROUTE F	255.00	ROUTE F GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
TOTAL USE			255.0	255

PAVEMENT MARKING								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	STAND. WATERBOURNE PVMT MARK. PAINT, TYPE P BEADS		PREFORMED THERMOPLASTIC		REMARKS
				4" YELLOW LF	4" WHITE LF	R/R CROSSING EA	24 IN. WHITE L.F.	
5.595	15.172	ROUTE KK	50567	101134.0	101134.0			ROUTE KK PROJECT LIMITS
5.625		ROUTE KK				1		R/R CROSSING
5.743		ROUTE KK					11	STOP BAR
5.753		ROUTE KK					11	STOP BAR
5.886		ROUTE KK				1		R/R CROSSING
15.062		ROUTE KK				1		R/R CROSSING
15.152		ROUTE KK					11	STOP BAR
15.172		ROUTE KK					11	STOP BAR
15.172		ROUTE KK				1		R/R CROSSING
0.000	15.161	ROUTE F	80050	160100.0	160100.0			ROUTE F PROJECT LIMITS
TOTAL USE				261234.0	261234.0	4.0	44.0	
				261234	261234	4	44	

MOBILIZATION
1 LUMP SUM

BASE PROJECT SUMMARY OF QUANTITIES SHEET 1 OF 3



Maria Peters
 11/08/2024 9:01:48 AM
 MARIA K. PETERS - CIVIL
 MO-PE-2000162118
 DATE PREPARED
 11/7/2024
 ROUTE VAR STATE MO
 DISTRICT CD SHEET NO. 3
 COUNTY VARIOUS
 JOB NO. JST0127
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

CONSTRUCTION SIGNING (RTE. KK)						
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	22	352	36	UNEVEN LANES
WO8-12	48X48	16	12	192	35	NO CENTER LINE
WO20-1	48X48	16	12	192	2	ROAD WORK AHEAD
WO20-4	48X48	16	4	64	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	4	64	8	FLAGGER (SYMBOL, WITH FLAGS)
WO3-4	48X48	16	6	96	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	0		58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.5	2	3	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05				CONSTRUCTION SIGNS TOTAL		1032

CONSTRUCTION SIGNING (RTE. F)						
SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	38	608	36	UNEVEN LANES
WO8-12	48X48	16	22	352	35	NO CENTER LINE
WO20-1	48X48	16	14	224	2	ROAD WORK AHEAD
WO20-4	48X48	16	4	64	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	4	64	8	FLAGGER (SYMBOL, WITH FLAGS)
WO3-4	48X48	16	6	96	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	1	8.75	58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.5	2	3	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05				CONSTRUCTION SIGNS TOTAL		1489

ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	QUANTITY	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)
616-1098A	4	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED."

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

BITUMINOUS SURFACE LEVELING - ROUTE EE								
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	SURFACE LEVELING PG 64-22 TONS	TACK COAT GAL	REMARKS
0.000	3.600	ROUTE EE	19008	20	380160	2331.40	3379.20	START OF PROJECT
3.600	3.611	ROUTE EE	VAR	VAR	2776.70	17.03	24.68	END OF PROJECT
0.000	3.611	ROUTE EE	94.49	VAR	112	0.69	1.00	PRIVATE ENTRANCES
						587.28		25% IRREGULARITIES
TOTAL						2936.40	3404.88	
USE						2936.4	3405	

MODIFIED COLD MILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	QUANTITY (SY)	REMARKS
0.000	0.005	ROUTE EE	25	20	55.6	BEGIN OF PROJECT
3.600	3.611	ROUTE EE	VAR	VAR	109.5	ROUTE B
TOTAL					165.1	
USE					165	

GRAVEL (A), CRUSHED STONE (B)				
LOG MILE FROM	LOG MILE TO	LOCATION	GRAVEL (A) OR CRUSHED STONE (B) TONS	REMARKS
0.000	3.611	ROUTE EE	215.00	ROUTE EE GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
TOTAL			215.0	
USE			215	

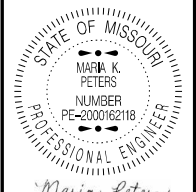
PAVEMENT MARKING						
LOG MILE FROM	LOG MILE TO	LOCATION	LENGTH (FT)	STAND. WATERBOURNE PVMT MARK. PAINT, TYPE P BEADS	4" YELLOW LF	REMARKS
0.000	3.611	ROUTE EE	19066		38132.0	ROUTE EE PROJECT LIMITS
TOTAL					38132.0	
USE					38132	

CONSTRUCTION SIGNING (RTE. EE)						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS						
WO8-11	48X48	16	10	160	36	UNEVEN LANES
WO8-12	48X48	16	8	128	35	NO CENTER LINE
WO20-1	48X48	16	8	128	2	ROAD WORK AHEAD
WO20-4	48X48	16	4	64	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	4	64	8	FLAGGER (SYMBOL, WITH FLAGS)
WO3-4	48X48	16	6	96	11	BE PREPARED TO STOP
GO22-1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	0		58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.5	2	3	58	PILOT CAR IN USE WAIT & FOLLOW
MISCELLANEOUS SIGNS						
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE
616.10.05						
CONSTRUCTION SIGNS TOTAL				712		

ADDITIONAL CONSTRUCTION ITEMS - RTE. EE		
ITEM NO.	QUANTITY	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)
616-1098A	2	*CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED.*

MOBILIZATION
1 LUMP SUM

ADD ALTERNATE SUMMARY OF QUANTITIES SHEET 3 OF 3



DATE PREPARED
11/7/2024

ROUTE STATE
VAR MO
DISTRICT SHEET NO.
CD 3

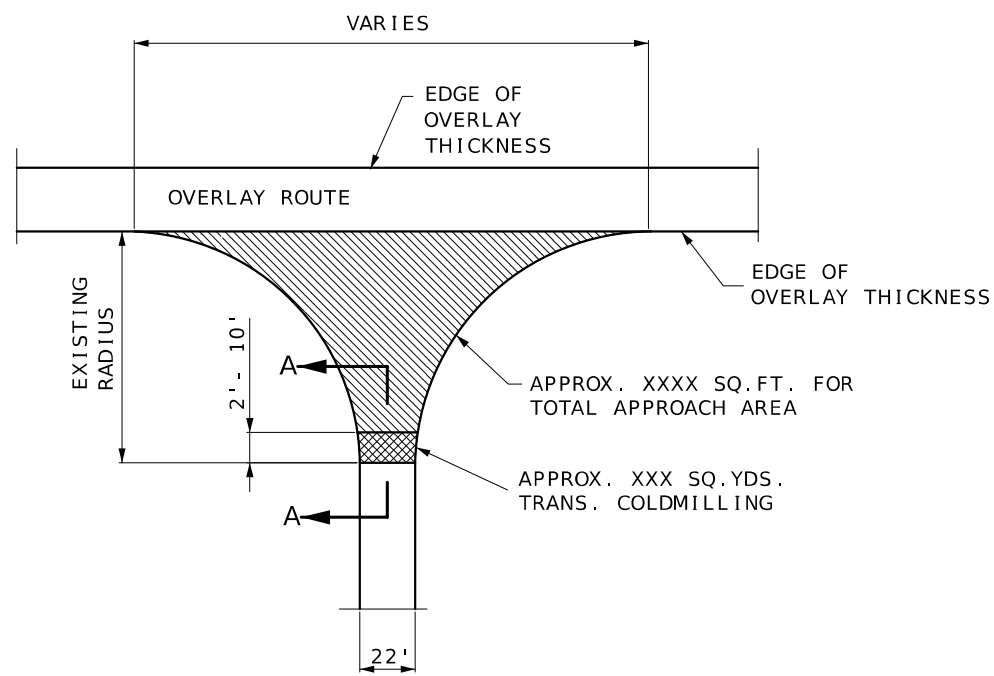
COUNTY
VARIOUS
JOB NO.
JST0127
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

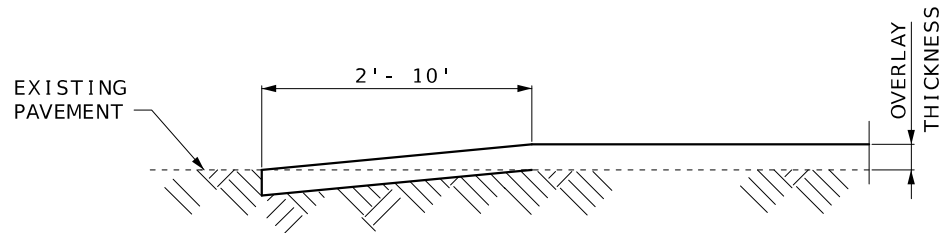
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

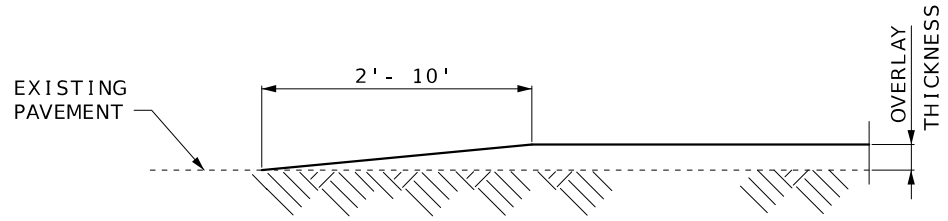
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



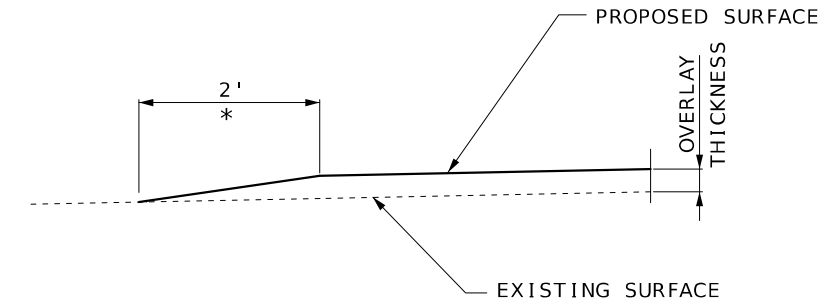
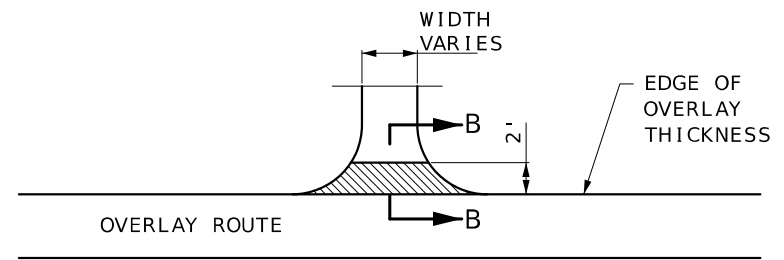
TYPICAL STATE ROUTE JUNCTION



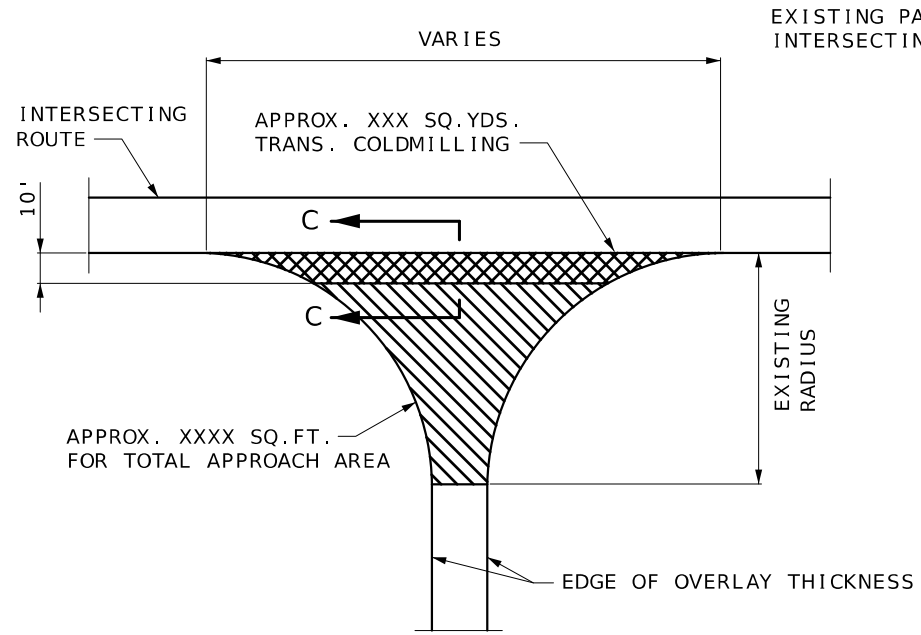
SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



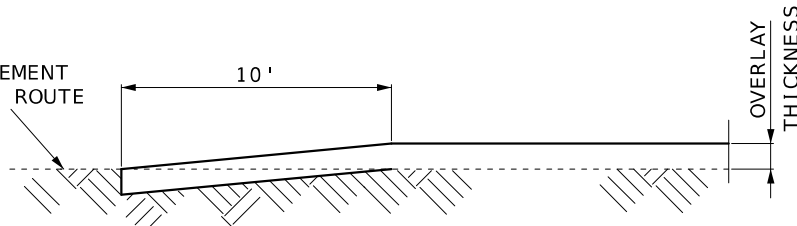
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)



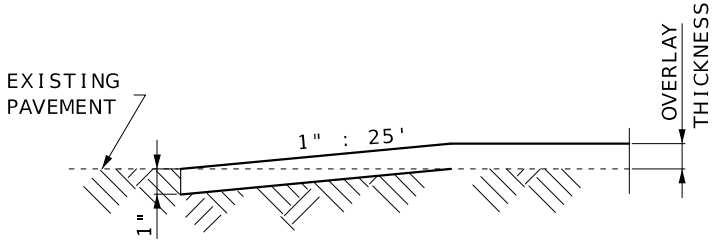
SECTION B-B
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



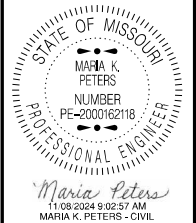
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



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



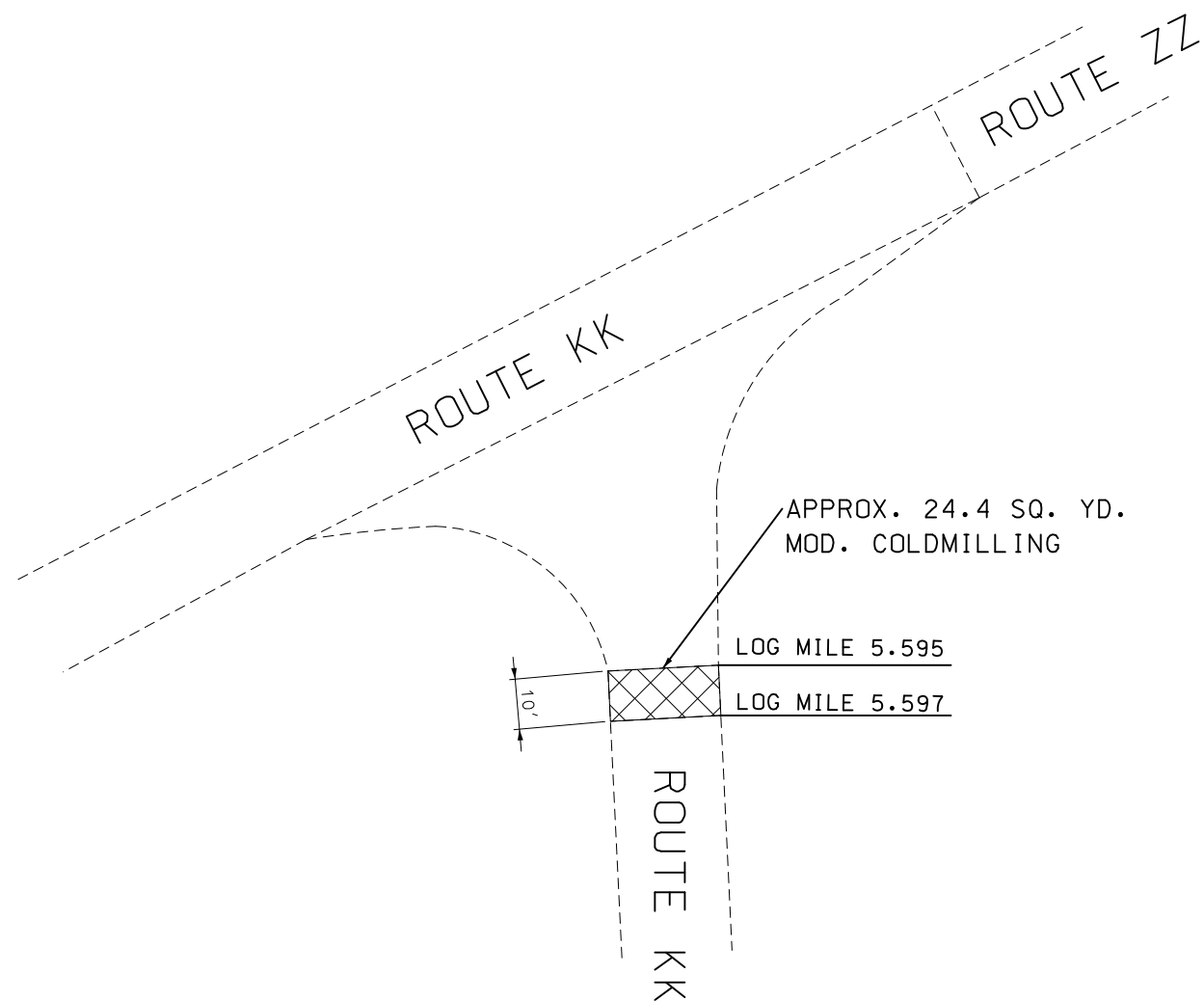
DATE PREPARED
11/7/2024
ROUTE VAR STATE MO
DISTRICT CD SHEET NO. 4
COUNTY VARIOUS
JOB NO. JST0127
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

NOT TO SCALE



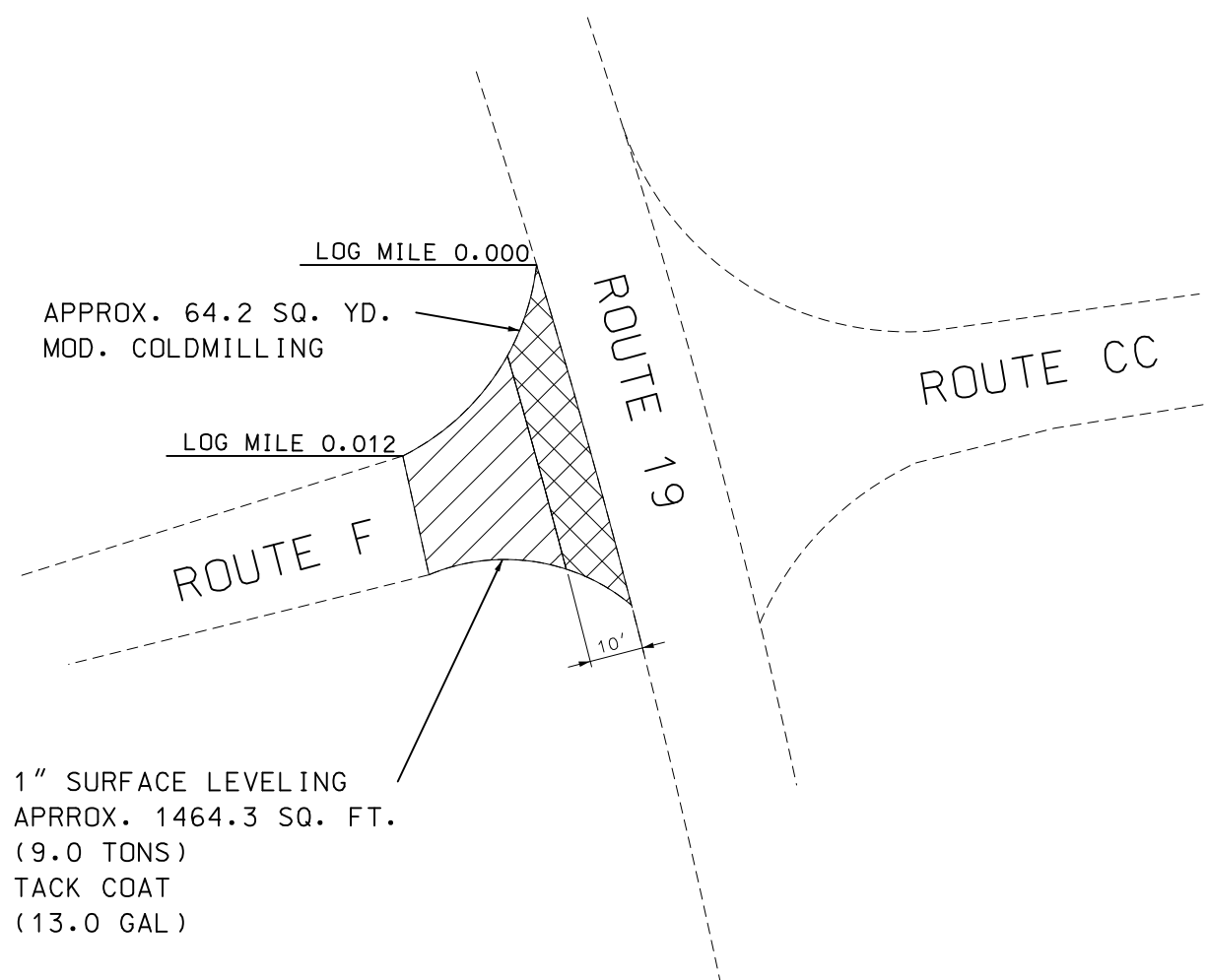
INTERSECTION
ROUTE KK & ROUTE ZZ
L.M. 5.595 TO L.M. 5.597

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

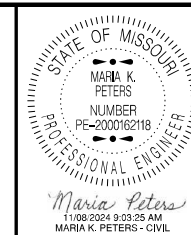
 = 1" SURFACE LEVELING

NOT TO SCALE



INTERSECTION
ROUTE F & ROUTE 19
L.M. 0.000 TO L.M. 0.012

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY



DATE PREPARED
11/7/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
CD 5

COUNTY
VARIOUS

JOB NO.
JST0127

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

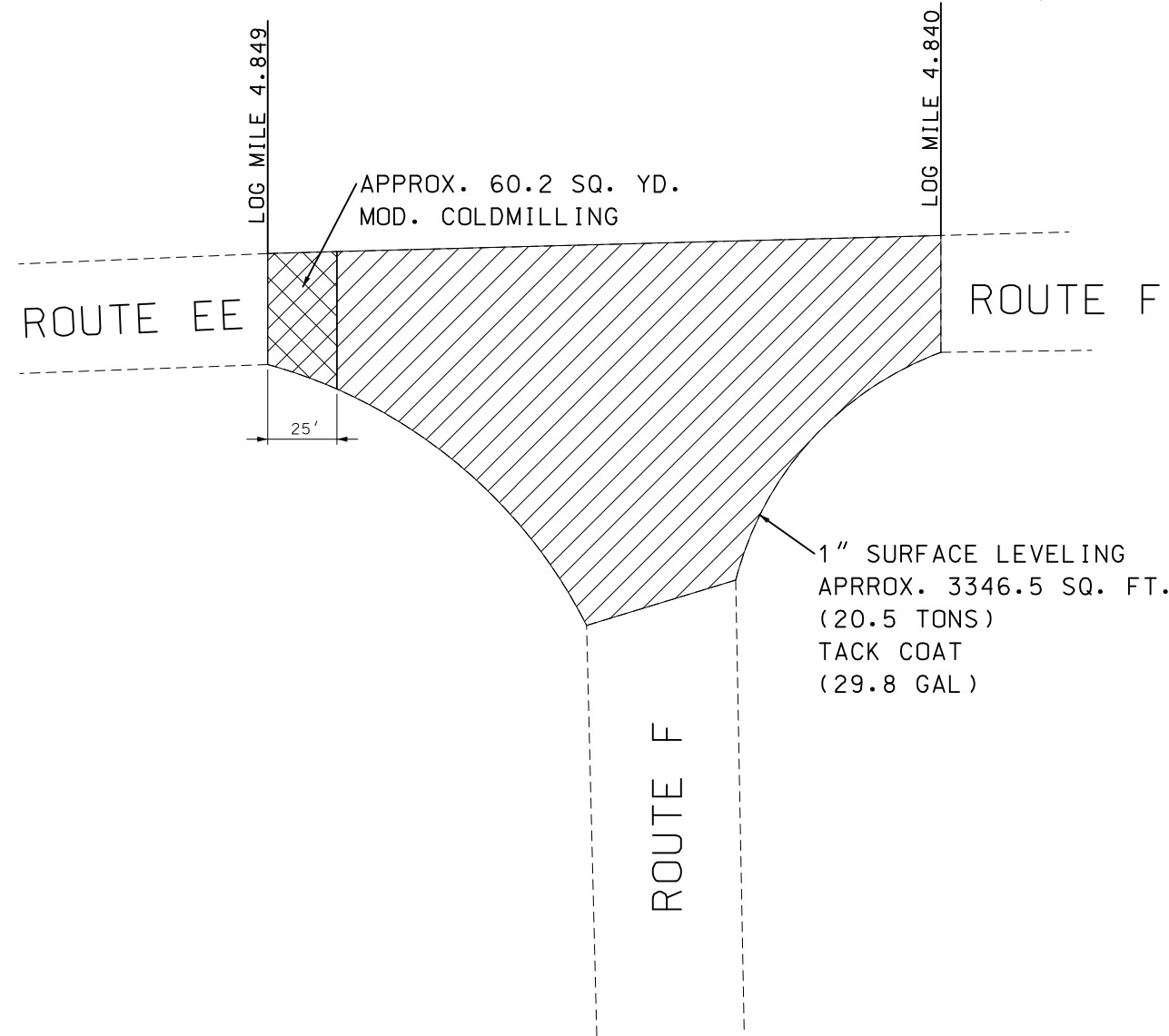


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

BASE PROJECT
SPECIAL SHEET
2 OF 6

 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

NOT TO SCALE




INTERSECTION
ROUTE F & ROUTE EE
L.M. 4.849

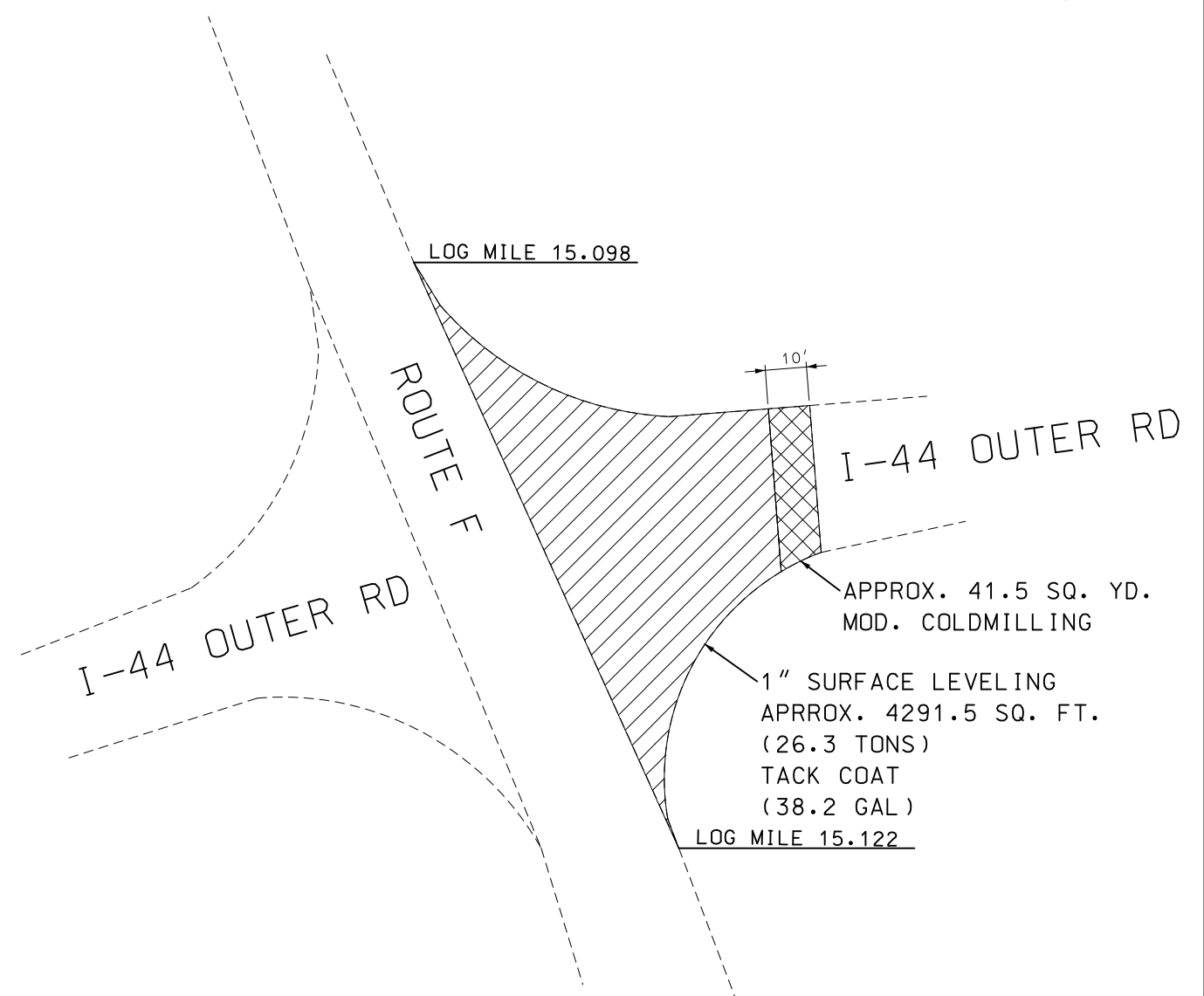
BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

 = MODIFIED COLDMILL AND 1" SURFACE LEVELING

NOT TO SCALE




 = 1" SURFACE LEVELING



INTERSECTION
ROUTE F & I-44 OUTER RD
L.M. 15.098 TO L.M. 15.122

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY



DATE PREPARED
11/7/2024

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
CD	6

COUNTY
VARIOUS


JOB NO.
JST0127

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

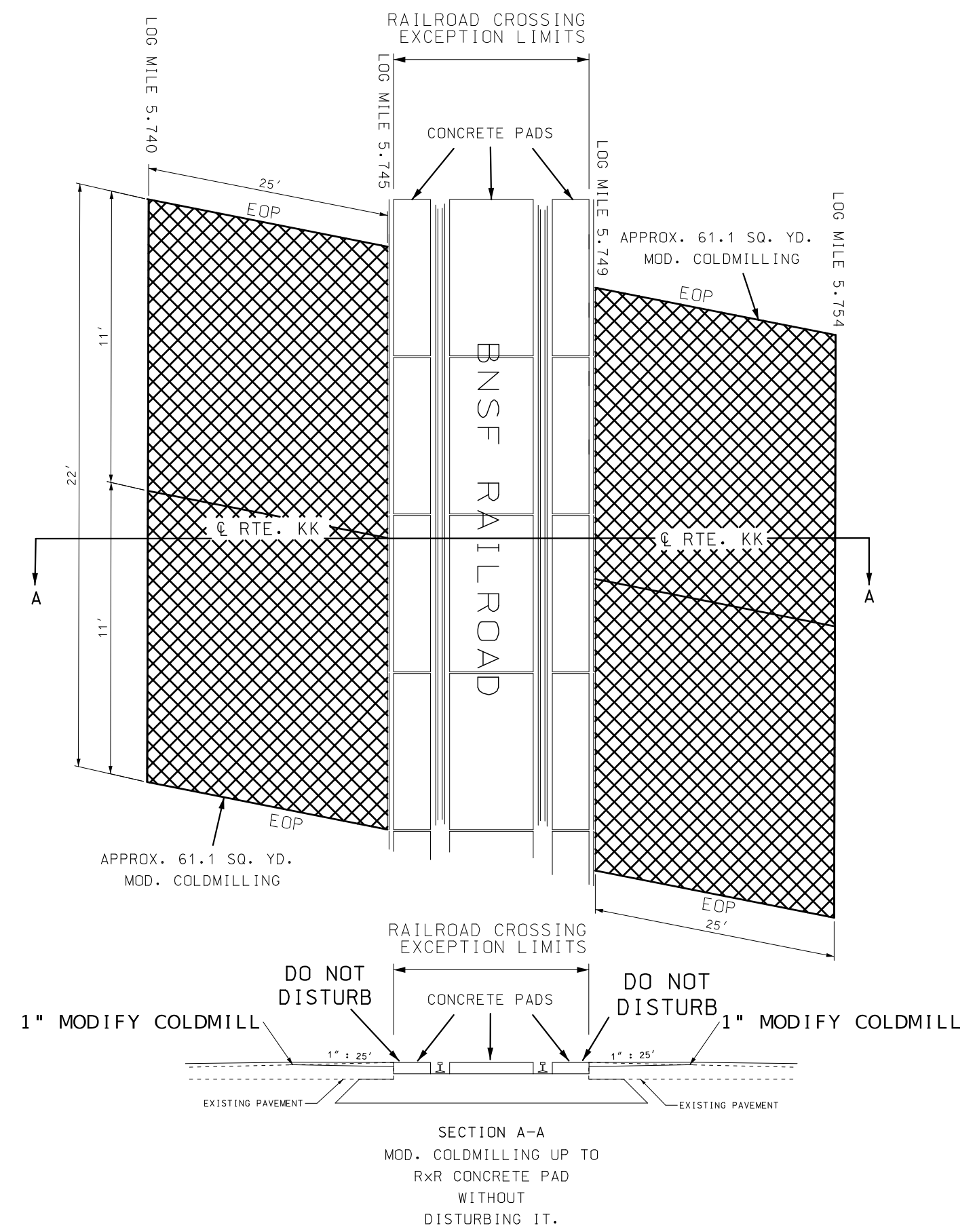
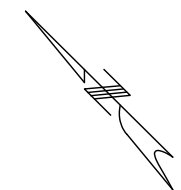
DESCRIPTION	DATE



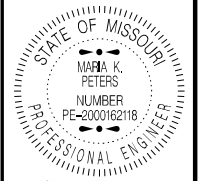
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



BASE PROJECT
SPECIAL SHEET
RAILROAD CROSSING
4 OF 6



DATE PREPARED
11/7/2024

ROUTE
VAR

STATE
MO

DISTRICT
CD

SHEET NO.
7

COUNTY
VARIOUS

JOB NO.
JST0127

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



DATE PREPARED
11/7/2024

ROUTE VAR STATE MO DISTRICT CD SHEET NO. 8

COUNTY VARIOUS JOB NO. JST0127 CONTRACT ID.

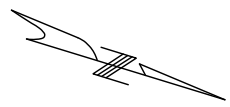
PROJECT NO. BRIDGE NO.



DATE	DESCRIPTION

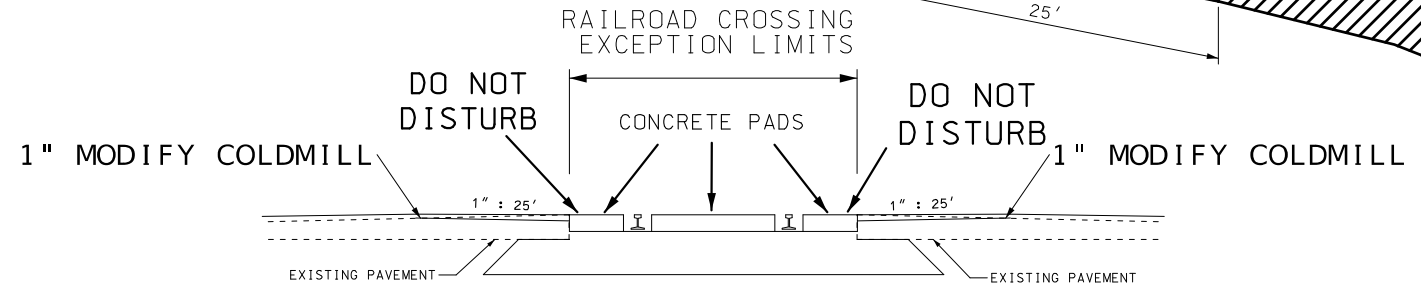
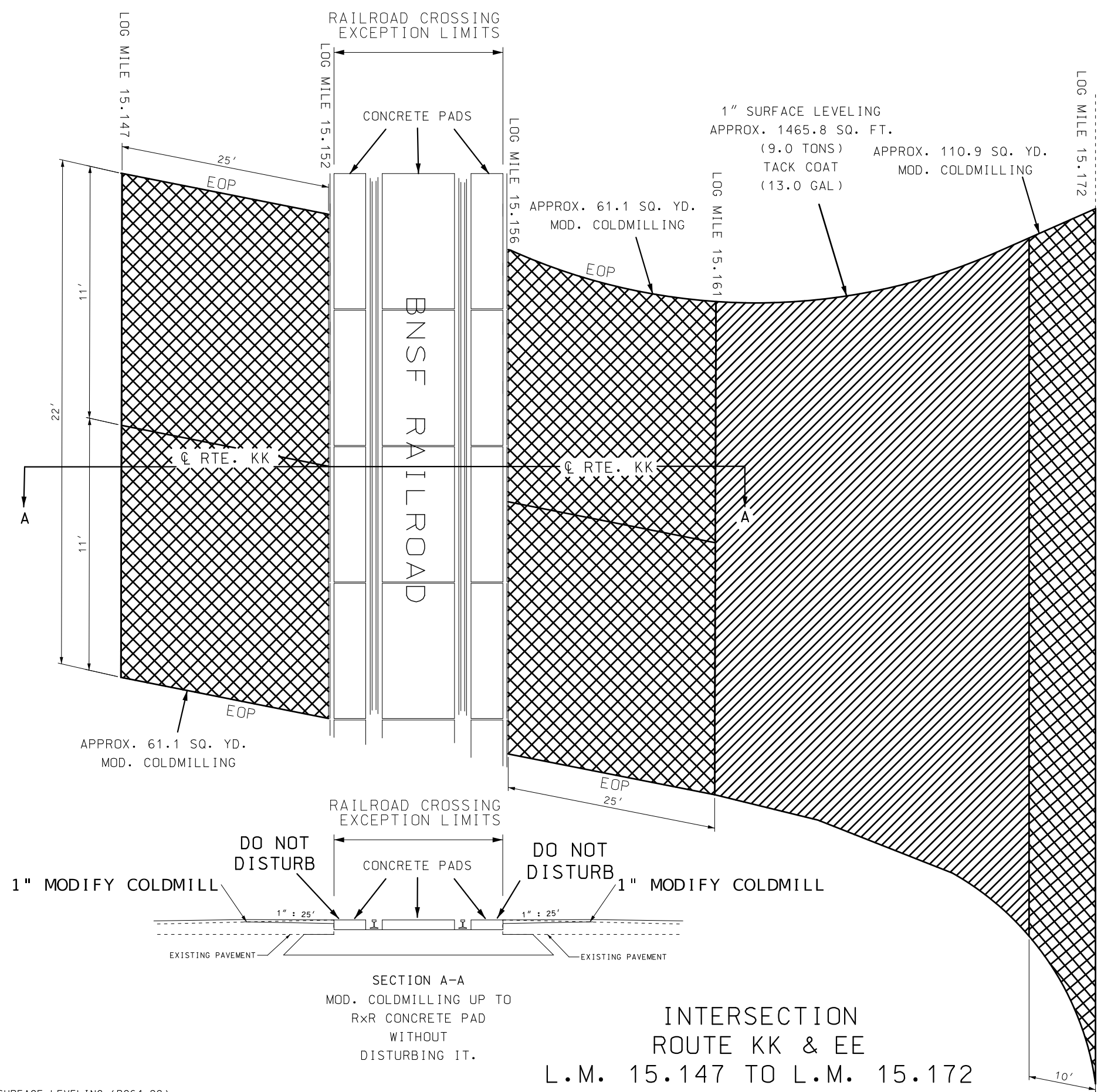
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



NOT TO SCALE



-  = MODIFIED COLDMILL AND 1" SURFACE LEVELING
-  = 1" SURFACE LEVELING

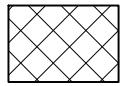


SECTION A-A
MOD. COLDMILLING UP TO
R x R CONCRETE PAD
WITHOUT
DISTURBING IT.

INTERSECTION ROUTE KK & EE L.M. 15.147 TO L.M. 15.172

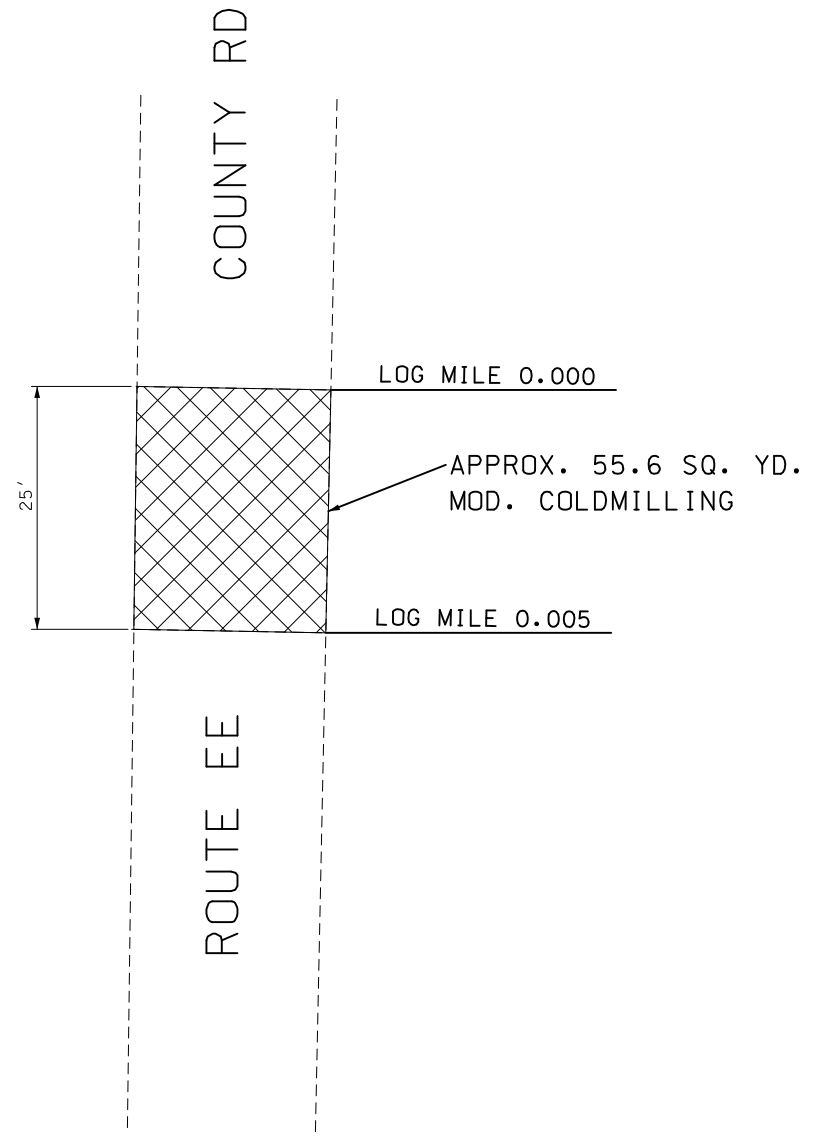
BASE PROJECT
SPECIAL SHEET
RAILROAD CROSSING
5 OF 6

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY



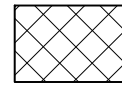
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NOT TO SCALE

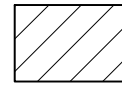


INTERSECTION
ROUTE EE & COUNTY RD
L.M. 0.000 TO L.M. 0.005

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

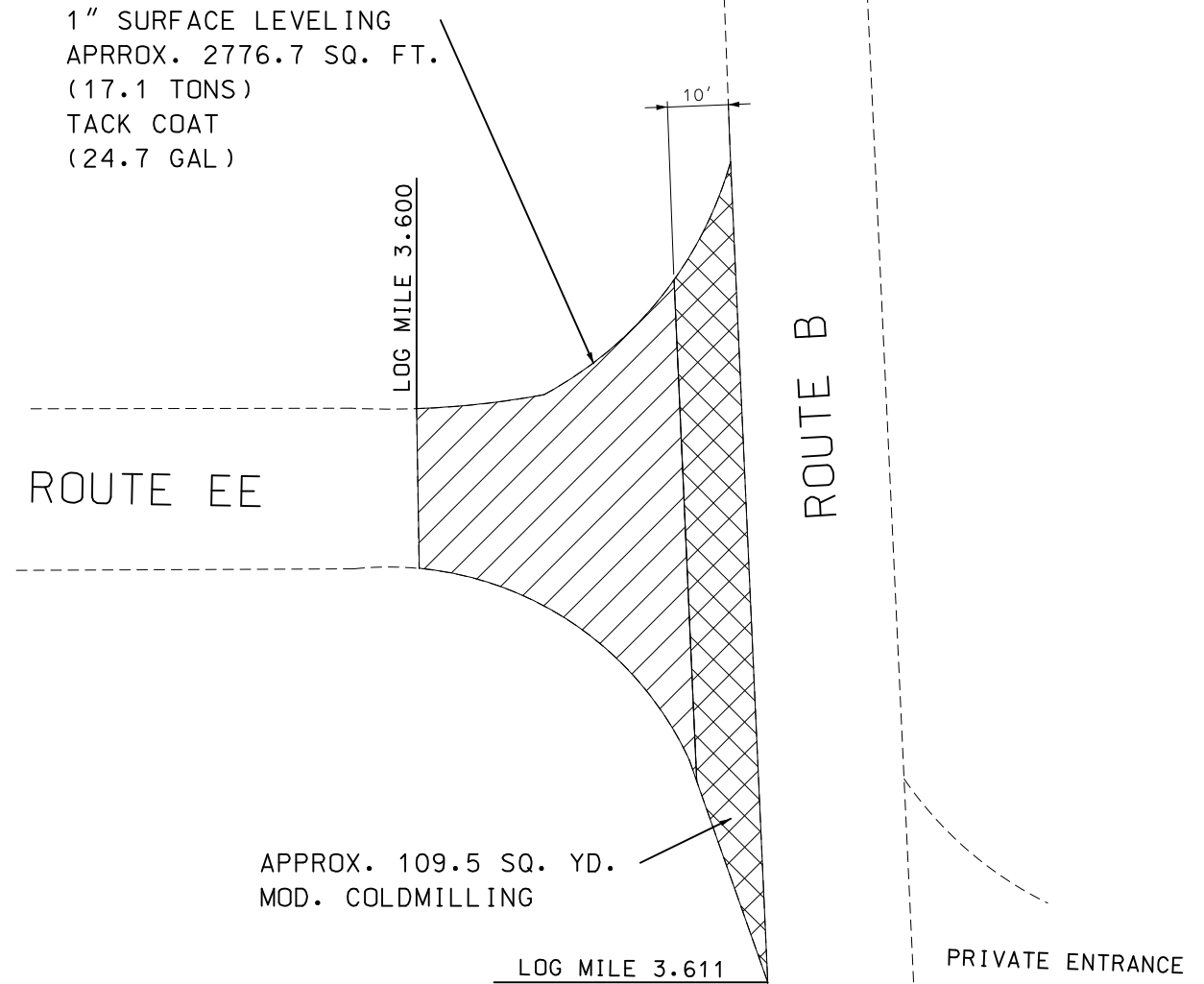


= MODIFIED COLDMILL AND 1" SURFACE LEVELING



= 1" SURFACE LEVELING

NOT TO SCALE



INTERSECTION
ROUTE EE & ROUTE B
L.M. 3.600 TO L.M. 3.611

BITUMINOUS SURFACE LEVELING (PG64-22)
ESTIMATED AT 1.987 TON/CY

ADD ALTERNATE
SPECIAL SHEET
6 OF 6



DATE PREPARED 11/7/2024

ROUTE VAR STATE MO

DISTRICT CD SHEET NO. 9

COUNTY VARIOUS

JOB NO. JST0127

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)



DATE PREPARED
11/7/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
CD 10

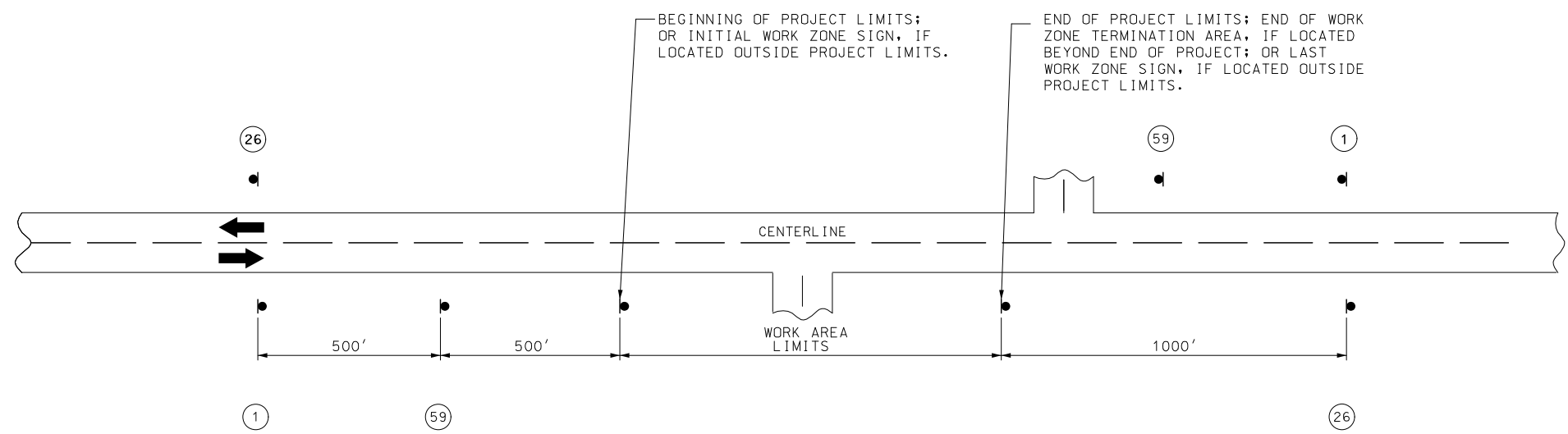
COUNTY
VARIOUS

JOB NO.
JST0127

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

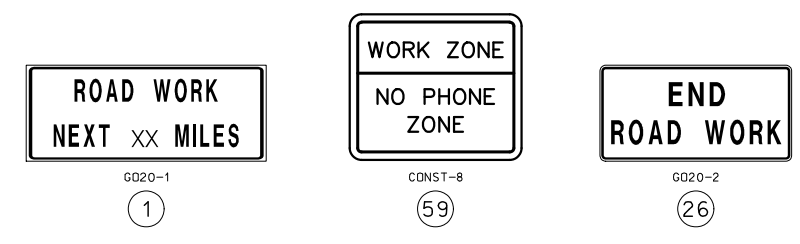


NOTES:

SIGN (1) AND (26) ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



10 - MILES (ROUTE KK)
16 - MILES (ROUTE F)

4 - MILES (ROUTE EE) ADD ALTERNATE

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



Maria K. Peters
11/08/2024 9:07:46 AM
MARIA K. PETERS - CIVIL
MO-PE-2000162118

DATE PREPARED
11/7/2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
CD 11
COUNTY
VARIOUS
JOB NO.
JST0127
CONTRACT ID.

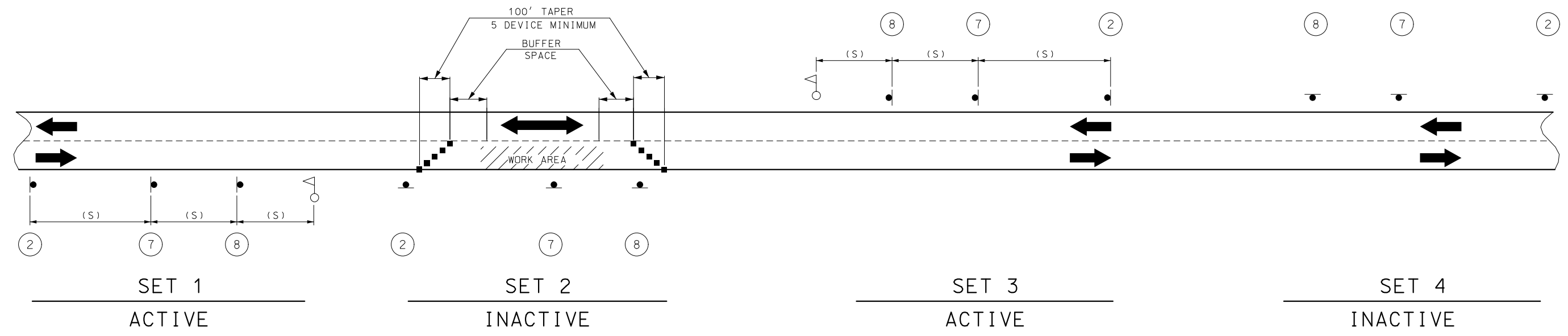
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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



SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



NOTES:

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.

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.

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

(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.

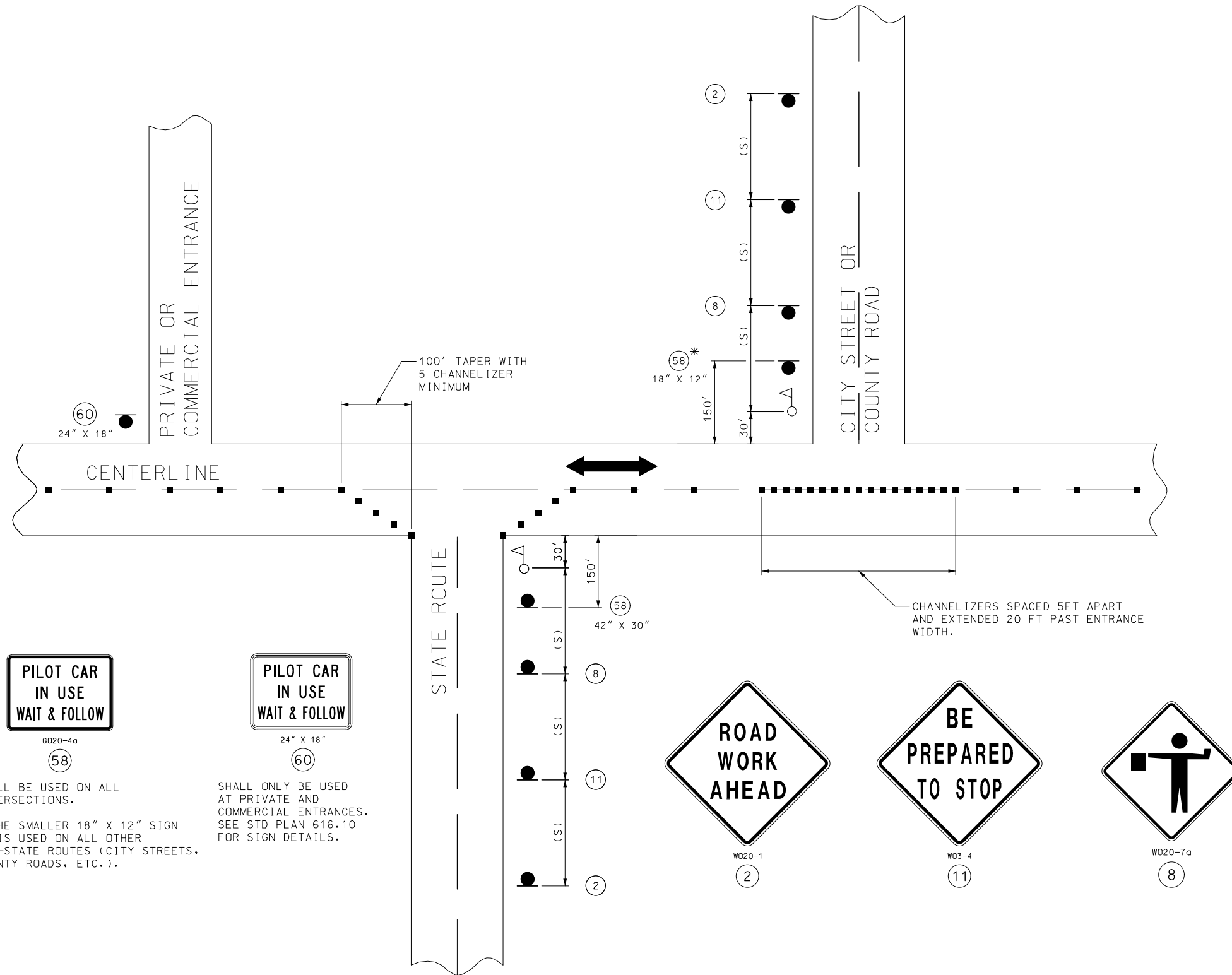
NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

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

■ - CHANNELIZERS (AS SPECIFIED)

○ - FLAGGER

NOT TO SCALE



SIDE ROADS ENTERING WORK ZONES



DATE PREPARED
11/7/2024

ROUTE STATE
VAR MO
DISTRICT SHEET NO.
CD 12

COUNTY
VARIOUS

JOB NO.
JST0127

CONTRACT ID.

PROJECT NO.

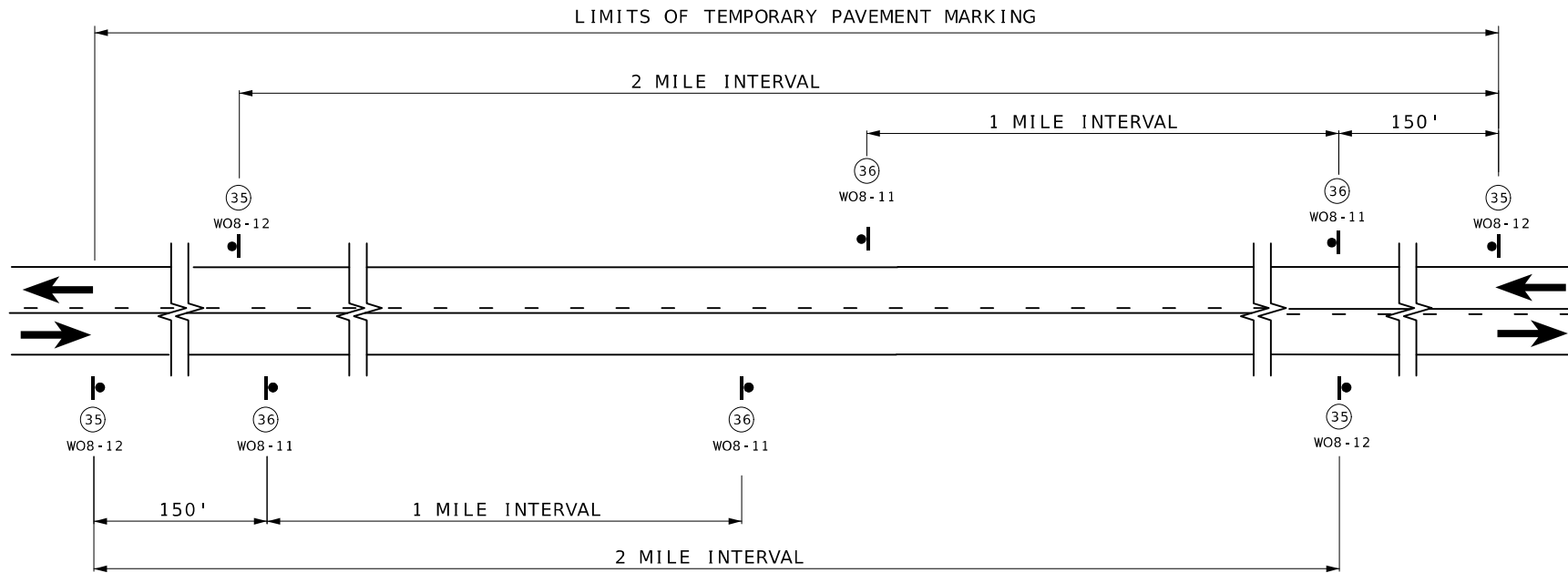
BRIDGE NO.

DATE	DESCRIPTION

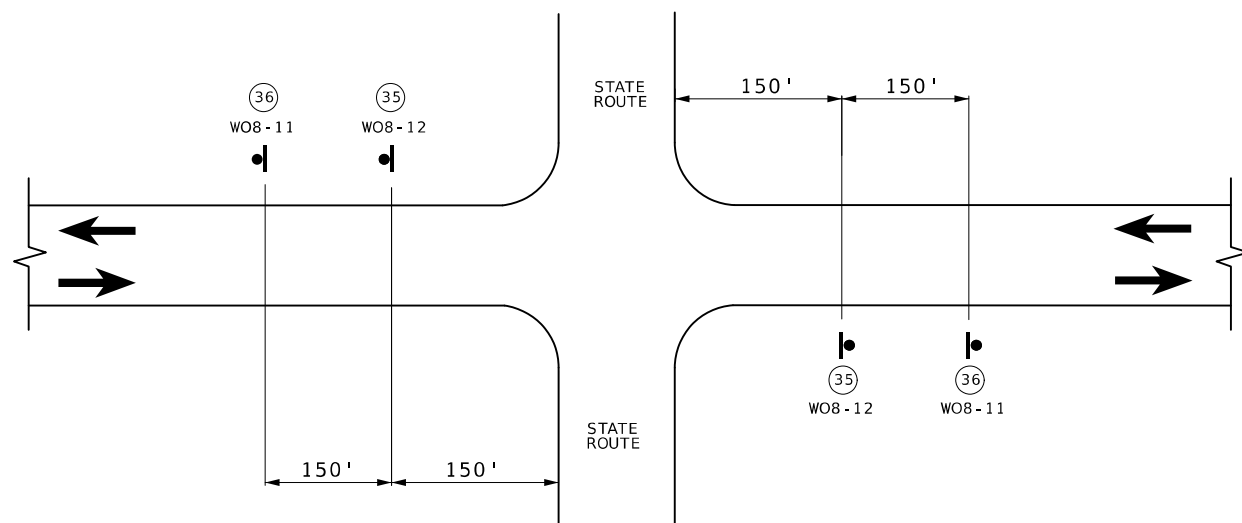
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE



NOTES:

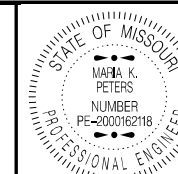
SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS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

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 5



DATE PREPARED
11/7/2024

ROUTE STATE
VAR MO
DISTRICT SHEET NO.
CD 13

COUNTY
VARIOUS

JOB NO.
JST0127

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)



Maria Peters
 11/08/2024 9:09:04 AM
 MARIA K. PETERS - CIVIL
 MO-PE-2000162118

DATE PREPARED
 11/7/2024
 ROUTE STATE
 VAR MO
 DISTRICT SHEET NO.
 CD 14
 COUNTY
 VARIOUS
 JOB NO.
 JST0127
 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)

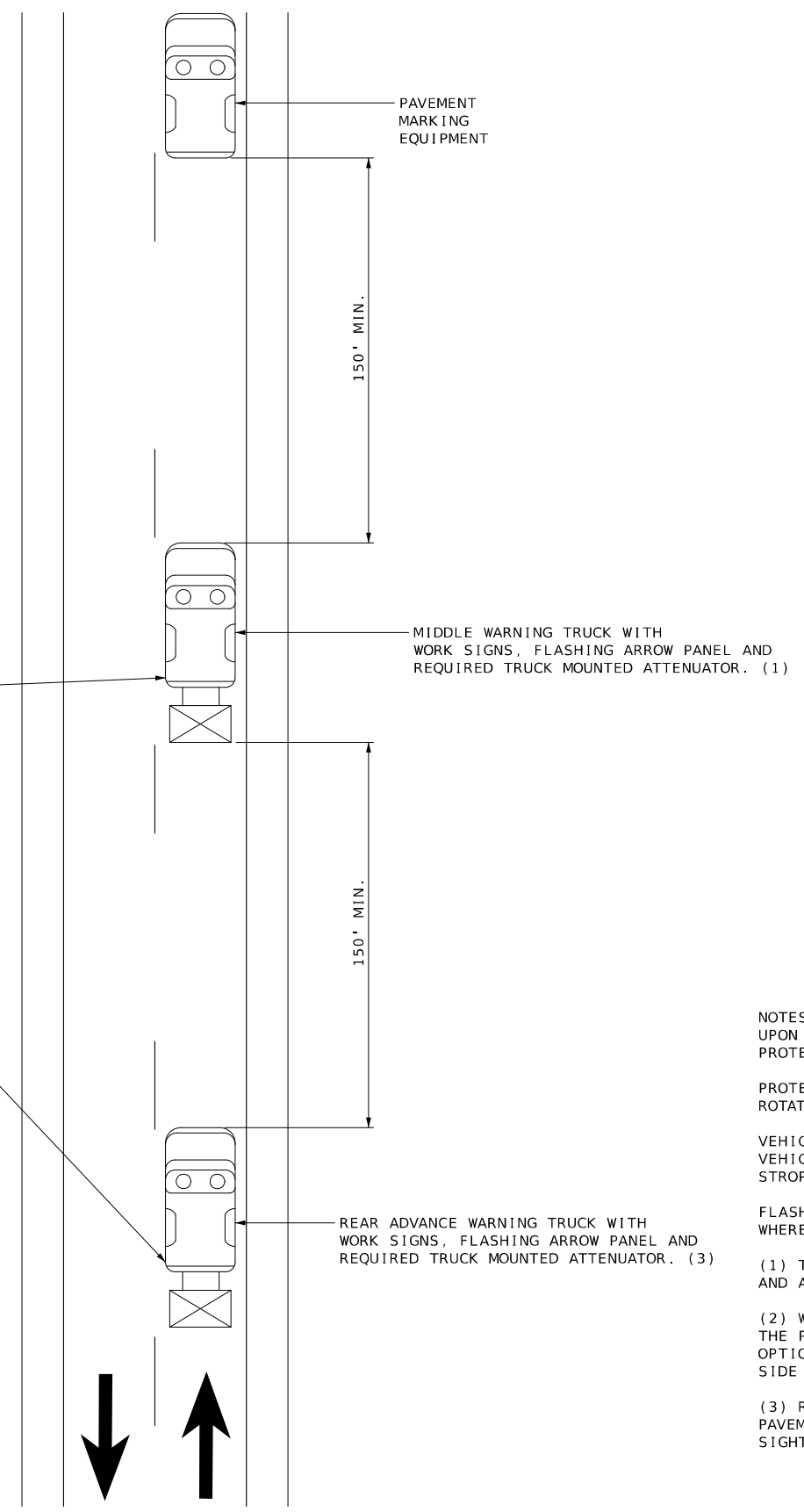
FLASHING ARROW PANEL
 - CAUTION MODE

WO20-4
 48" X 48"

WET PAINT

WET PAINT

GO22-1 (2)



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

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

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

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

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

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

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