

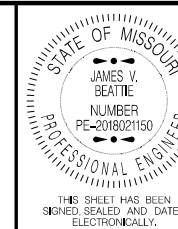
RESURFACING EXCEPTIONS:

L.M. 2.857- L.M. 2.864- RAILROAD

L.M. 3.036- L.M. 3.104- BRIDGE A1315

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TON/YD <sup>3</sup>
TACK COAT (SURF. LEVEL)	0.08 GAL/YD <sup>2</sup>
TACK COAT (COLDMILLING ASPH.)	0.10 GAL/YD <sup>2</sup>

TYPICAL SECTION  
SHEET 1 OF 1



DATE PREPARED  
8/13/202

ROUTE	STATE
CC & T	MO
DISTRICT	SHEET N
CD	2

COUNTY  
PHELPS

JOB NO.  
JCD0086

CONTRACT ID
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PROJECT NO.
-------------

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102



CONSTRUCTION SIGNING (VARIES) RTE CC						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	4	64	36	UNEVEN LANES
WO8-12	48X48	16	4	64	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	8	128	8	FLAGGER (SYMBOL)
W03-4	48X48	16	4	64	11	BE PREPARED TO STOP
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 5 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	18X12	8.75	4	35	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 SUB TOTAL 1				612.00		

MODIFIED COLD MILLING (DEPTH TRANSITION)							
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH FT	WIDTH FT	QUANTITY SY	REMARKS
4.458	4.460	ROUTE CC - WB	0.002	10.00	VARIES	44.7	END OF ROUTE CC @ ROUTE 63
4.458	4.460	ROUTE CC - EB	0.002	10.00	VARIES	92.1	END OF ROUTE CC @ ROUTE 63
0.126	0.133	ROUTE T	0.007	25.00	50.00	138.9	TRANSITION FROM 1" MILL & FILL
0.409	0.428	ROUTE T	0.019	10.00	VARIES	28.2	ROUTE US 63 BYWAY - WEST SIDE
0.410	0.431	ROUTE T	0.021	10.00	VARIES	33.0	ROUTE US 63 BYWAY - EAST SIDE
2.395	2.400	ROUTE T	0.005	25.00	22.00	61.1	TRANSITION TO 1" MILL & FILL
2.822	2.851	ROUTE T	0.029	153.10	VARIES	65.3	ROUTE T
2.827	2.849	ROUTE T	0.022	10.00	VARIES	29.2	WATER ST.
2.827	2.849	ROUTE T	0.022	10.00	VARIES	27.3	E 1ST ST
2.864	2.869	ROUTE T	0.005	25.00	VARIES	75.0	R/R CROSSING
3.031	3.036	ROUTE T	0.005	25.00	22.00	61.1	BRIDGE A1315
3.104	3.109	ROUTE T	0.005	25.00	22.00	61.1	BRIDGE A1315
3.134	3.173	ROUTE T	0.039	25.00	24	66.7	END OF ROUTE T
3.155	3.160	ROUTE T	0.005	10.00	25.5	28.3	ROUTE P
					TOTAL	812.0	
					USE	812	

PAVEMENT MARKING (RTE. CC)					
WATERBORNE PAVEMENT MARKING - TYPE P BEADS					
			LENGTH	4" SOLID YELLOW	4" SOLID WHITE
LOG MILE	LOG MILE	LOCATION	FT	LF	LF
0.000	4.428	ROUTE CC	23379.84	46,759.7	46759.68
4.428	4.460	ROUTE CC	168.96	337.9	
			SUB TOTAL 1	47098	46760
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.					

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OR RESURFACING (3 IN. THICK OR LESS)							
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH FT	WIDTH FT	QUANTITY SY	REMARKS
0.074	0.126	ROUTE T	0.052	274.56	VARIES	1078.56	
2.400	2.857	ROUTE T	0.457	2412.96	22.0	5898.35	
					TOTAL	6976.9	
					USE	6977	

CONSTRUCTION SIGNING (VARIES) RTE T						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	SIGN NUM.	
WARNING SIGNS						DESCRIPTION
WO8-11	48X48	16	6	96	36	UNEVEN LANES
WO8-12	48X48	16	3	48	35	NO CENTER LINE
WO20-1	48X48	16	32	512	2	ROAD WORK AHEAD
WO20-4	48X48	16	4	64	7	ONE LANE ROAD AHEAD
WO20-7a	48X48	16	32	512	8	FLAGGER (SYMBOL, WITH FLAGS)
W03-4	48X48	16	28	448	11	BE PREPARED TO STOP
GUIDE SIGNS						
GO20-1	60X24	10	2	20	1	ROAD WORK NEXT 8 MILES
GO20-2	48X24	8	2	16	26	END ROAD WORK
GO20-4	36X18	4.5	2	9	53	PILOT CAR FOLLOW ME
GO20-4a	18X12	8.75	28	245	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 SUB TOTAL 2				1994.00		

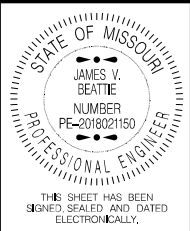
CONSTRUCTION SIGNING TOTALS		
	TOTAL	REMARKS
SUB TOTAL 1	612.00	ROUTE CC
SUB TOTAL 2	1994.00	ROUTE T
616.10.05 CONSTRUCTION SIGNS TOTAL	2606.00	

GRAVEL (A) OR CRUSHED STONE (B)				
LOG MILE	LOG MILE	LENGTH (FT)	QUANTITY TONS	REMARKS
0.000	4.460	23548.80	316.0	ROUTE CC GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
0.074	3.160	16294.08	268.0	ROUTE T GRAVEL ENTRANCES WITHIN OVERLAY LIMITS
0.074	0.095	110.88	20.0	ROUTE T RIGHT SHOULDER
		TOTAL	604.0	

ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZER (TRIM LINE)
616-1098A	2	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE. CONTRACTOR FURNISHED, CONTRACTOR RETAINED."

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES  
SHEET 1 OF 3



DATE PREPARED 8/13/2024	
ROUTE CC & T	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY PHELPS
JCD0086
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION					

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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





DATE PREPARED  
8/13/2024

ROUTE	STATE
CC & T	MO

DISTRICT	SHEET NO.
CD	3

CD	3
COUNTY	
BUEL BE	

PHELPS  
JOB NO.  
16D0086

JCD0086  
CONTRACT ID.

PROJECT NO.
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BRIDGE NO.

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[illegible][illegible]

OPTION						
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[illegible]

DES

[illegible][illegible]

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DA						
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TOL  
6102  
536\

TAT


WEST  
TY, N  
88-25

TRANS-105 N CI 1-8

PERSONAL INFORMATION



1-800-4ADODGE



MIS

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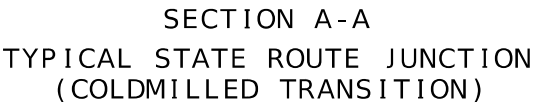
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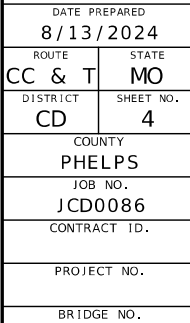
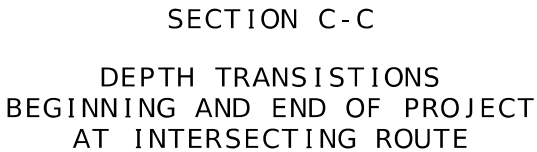
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NEWBURG - BITUMINOUS PAVEMENT MIXTURE PG 64-22 (SURFACE LEVELING) ROUTE T								
LOG MILE	LOG MILE	LOCATION	LENGTH FT.	WIDTH FT.	AREA SQ. FT.	BITUMINOUS MIX 1.987 TON/CUYD TONS	TACK COAT GAL	REMARKS
2.573	2.773	ROUTE T - RT	1056.00	VARIES	5090.4	31.22	56.56	CITY MAINTAINS
2.579	2.773	ROUTE T - LT	1024.32	VARIES	7136.1	43.76	79.29	CITY MAINTAINS
					SUB TOTAL	74.98	135.85	
					USE	75.0	136	TACK COAT (EXIST. ASPHALT) = 0.1 GAL/SY

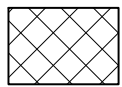
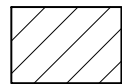
NEWBURG - COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OR RESURFACING (3 IN. THICK OR LESS)							
LOG MILE	LOG MILE	LOCATION	LENGTH MILES	LENGTH FT	WIDTH FT	QUANTITY SY	REMARKS
2.573	2.773	ROUTE T - RT	0.200	1056.00	VARIES	565.6	CITY MAINTAINS
2.579	2.773	ROUTE T - LT	0.194	1024.32	VARIES	792.9	CITY MAINTAINS
					TOTAL	1358.5	
					USE	1359	



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

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

-  = MODIFIED COLDMILL AND 1" SURFACE LEVELING
-  = 1" MILL & FILL

BEGINING OF PROJECT  
L.M. 0.074

BRIDGE A3034

GRAVEL SHOULDER

1" MILL & FILL  
APPROX. 9709.00 SQ. FT.  
(59.54 TONS)  
TACK COAT (107.88 GAL)

NOT TO SCALE

I-44 EB OFF RAMP

I-44 EB ON RAMP

APPROX. 138.9  
SQ. YD.  
COLDMILLING

L.M. 0.126

L.M. 0.133

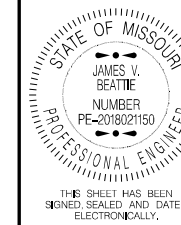
ROUTE T

25'

BEGINING OF PROJECT RTE. T  
L.M. 0.074 TO 0.133

NOTE:  
MILL & FILL LIMITS IN THIS AREA TO BE  
VERIFIED WITH THE ENGINEER IN THE  
FIELD

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



DATE PREPARED  
8/13/2024

ROUTE STATE  
CC & T MO

DISTRICT SHEET NO.  
CD 5

COUNTY  
PHELPS

JOB NO.  
JCD0086

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

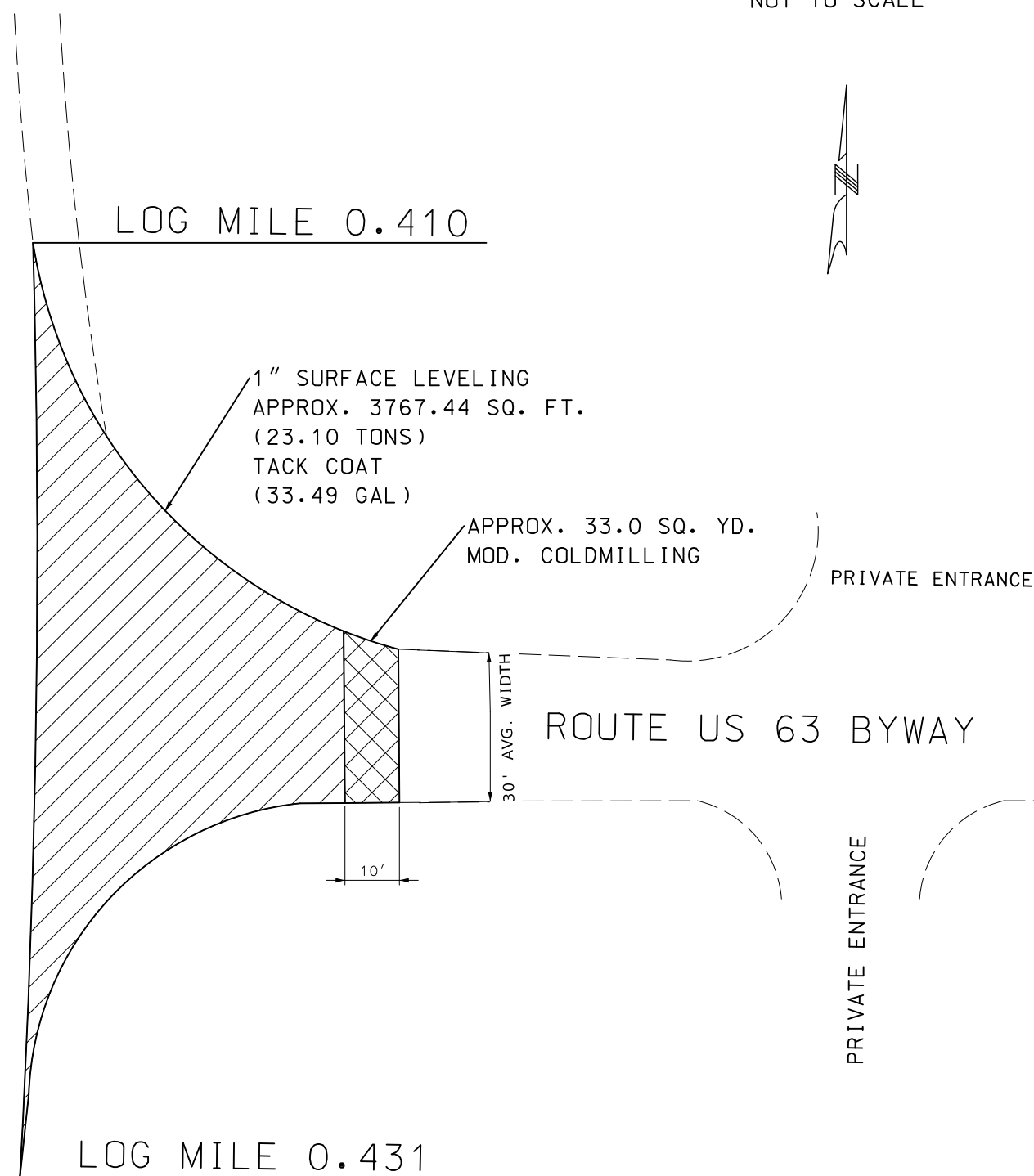
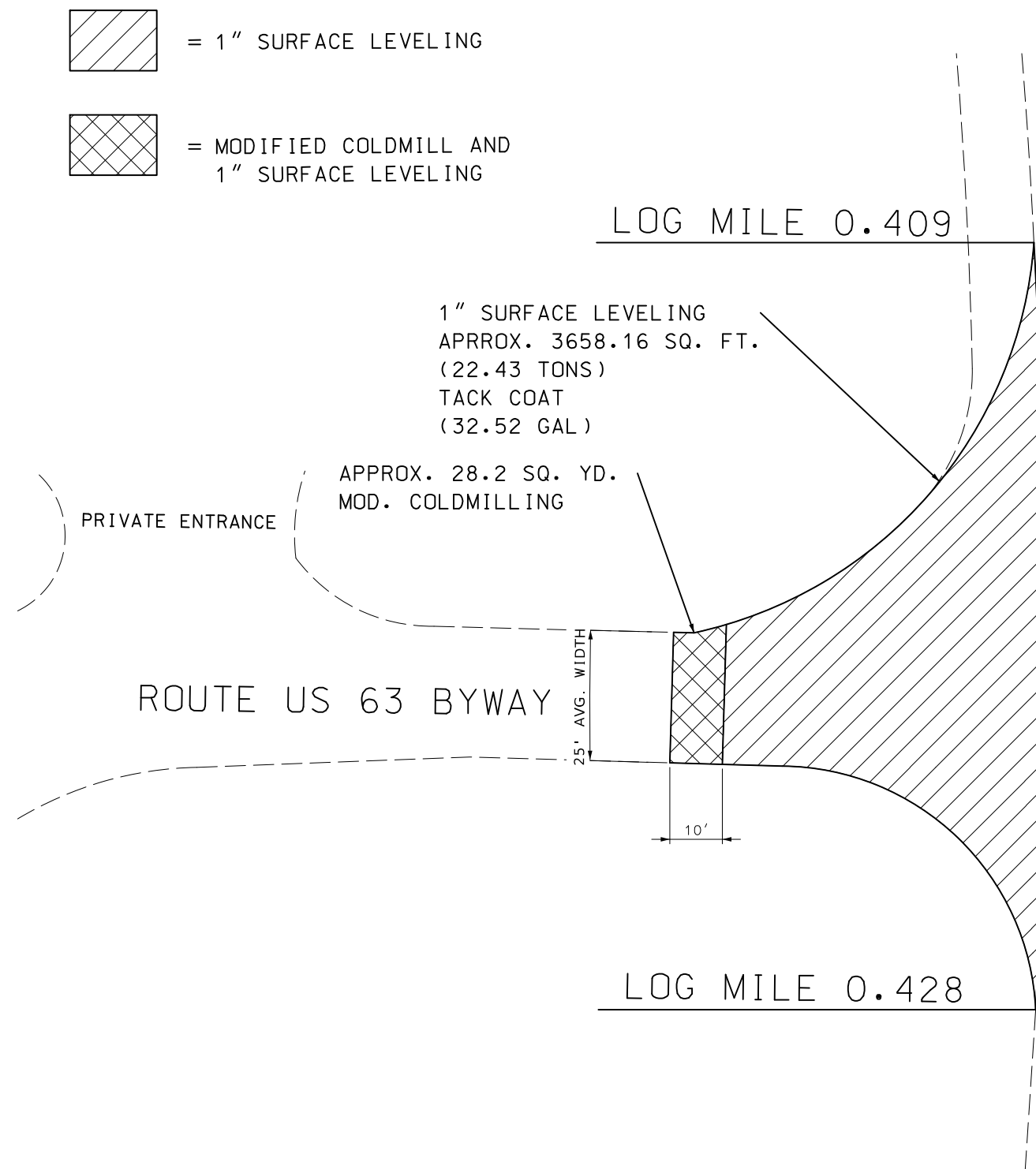
DESCRIPTION	DATE



SPECIAL SHEET  
2 OF 7



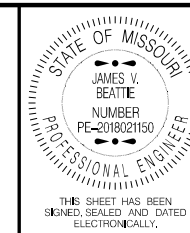




INTERSECTION  
ROUTE T & US 63 BYWAY  
L.M. 0.409 TO L.M. 0.431

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

SPECIAL SHEET  
4 OF 7



DATE PREPARED \_\_\_\_\_

8/13/202

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

|CC &amp; T|M

DISTRICT	SHEET
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CD	
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COUN

PHEL

JOB M

JCD00

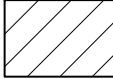
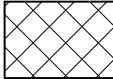
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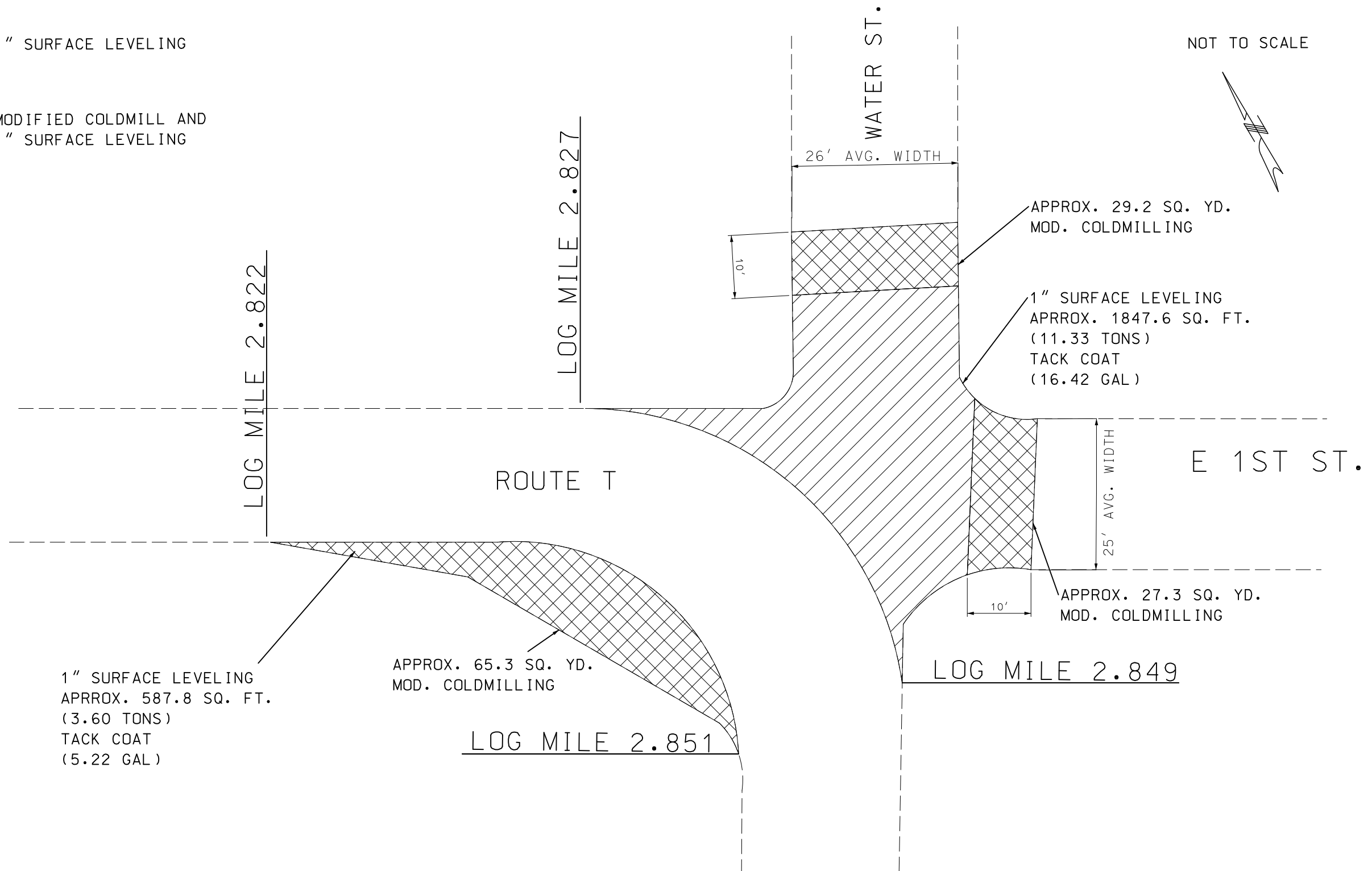
PROJECT

BRIDGE

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

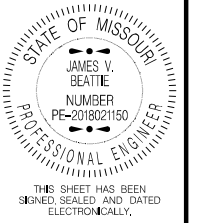
-  = 1" SURFACE LEVELING
-  = MODIFIED COLDMILL AND 1" SURFACE LEVELING



INTERSECTION  
ROUTE T, WATER ST. & E 1ST ST.  
L.M. 2.822 TO L.M. 2.851

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

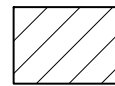

SPECIAL SHEET  
5 OF 7



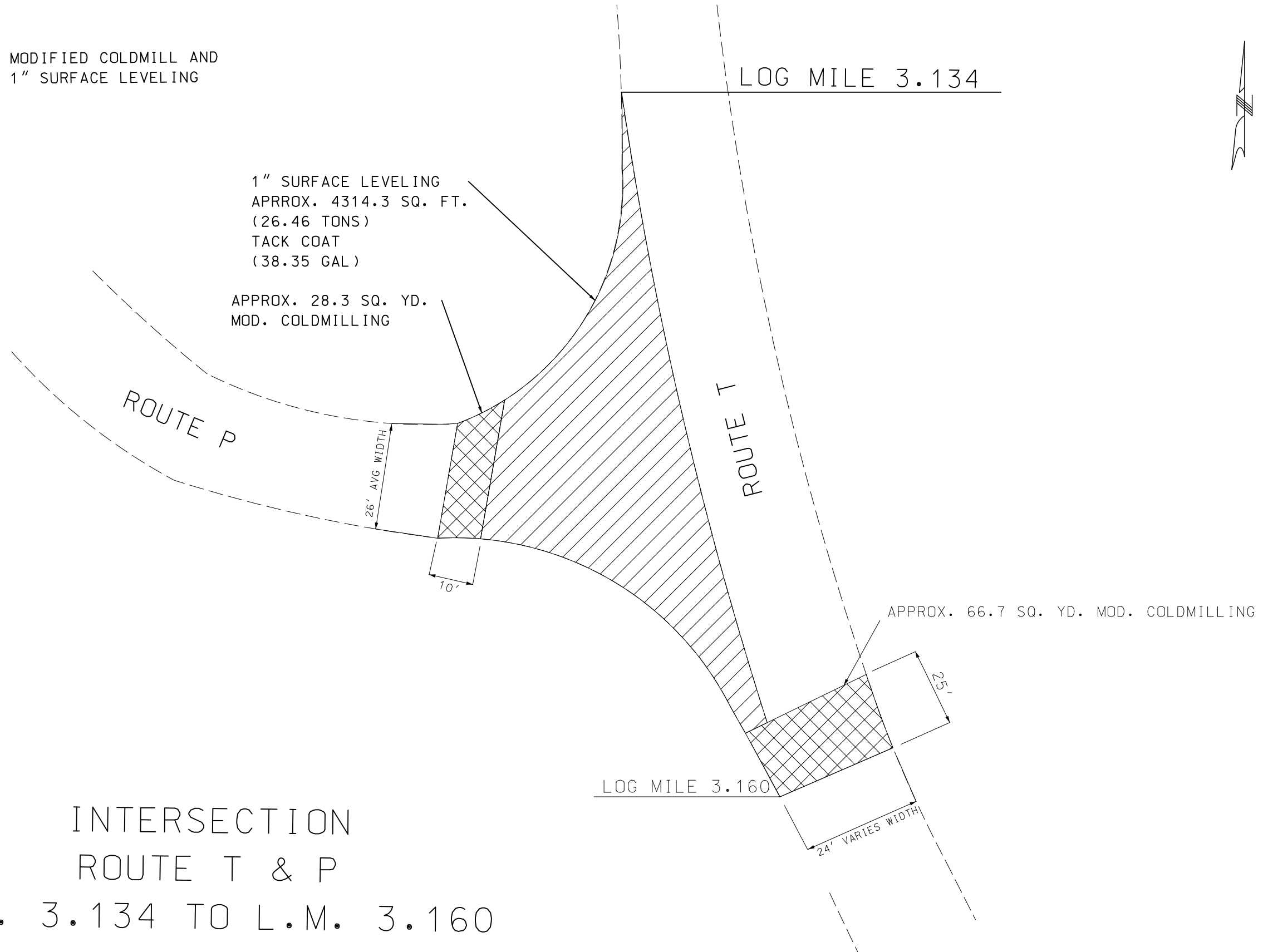
DATE PREPARED 8/13/2024	
ROUTE CC & T	STATE MO
DISTRICT CD	SHEET NO. 8
COUNTY PHELPS	
JOB NO. JCD0086	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



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

NOT TO SCALE



1" SURFACE LEVELING  
APPROX. 4314.3 SQ. FT.  
(26.46 TONS)  
TACK COAT  
(38.35 GAL)

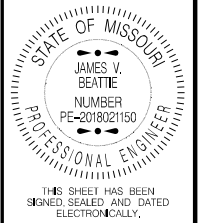
APPROX. 28.3 SQ. YD.  
MOD. COLDMILLING

APPROX. 66.7 SQ. YD. MOD. COLDMILLING

INTERSECTION  
ROUTE T & P  
L.M. 3.134 TO L.M. 3.160

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

SPECIAL SHEET  
6 OF 7



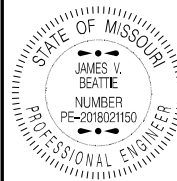
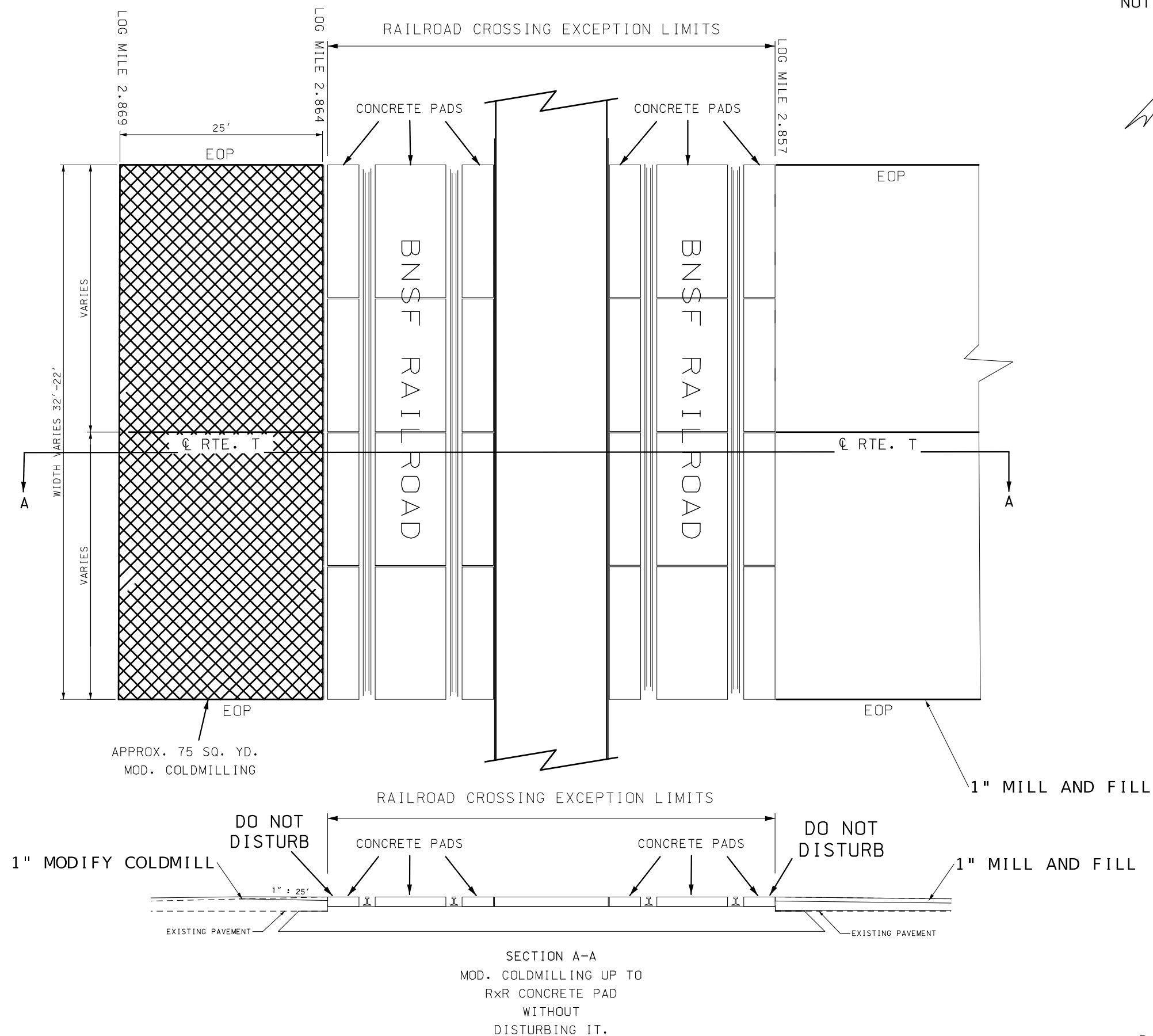
DATE PREPARED 8/13/2024	
ROUTE CC & T	STATE MO
DISTRICT CD	SHEET NO. 9
COUNTY PHELPS	
JOB NO. JCD0086	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

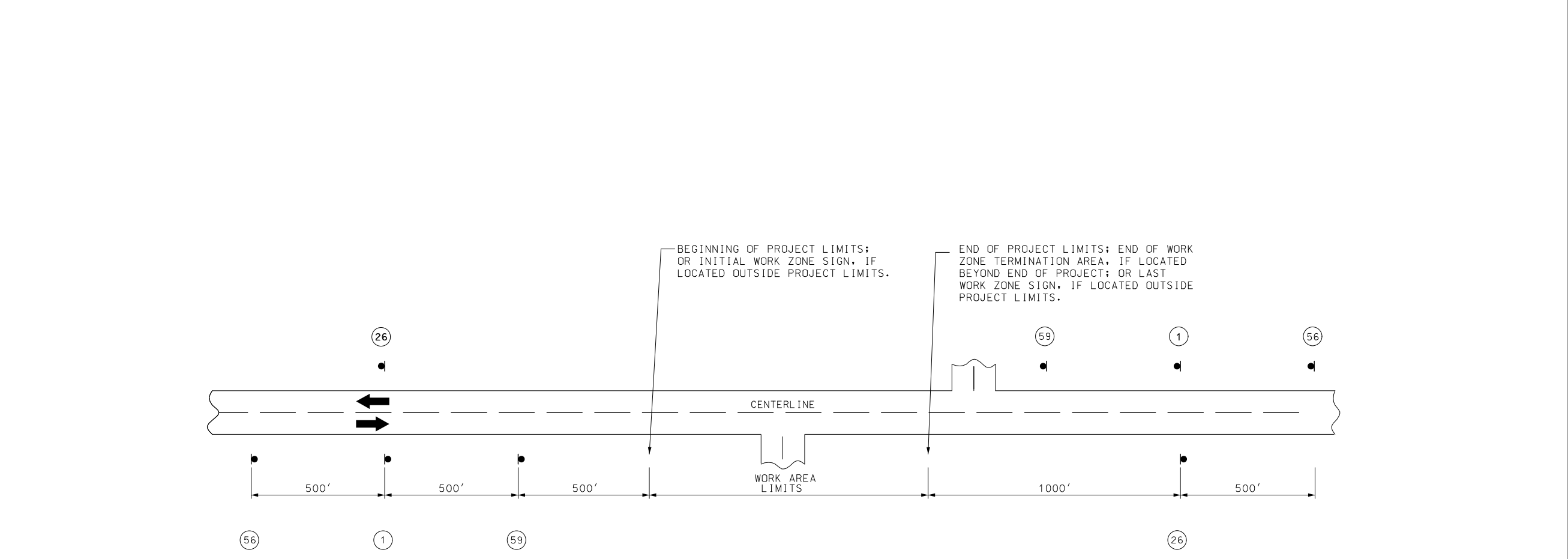
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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





NOTES:

SIGN (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.

ROAD WORK  
NEXT 5 MILES

G020-1  
1  
ROUTE CC

ROAD WORK  
NEXT 3 MILES

G020-1  
1  
ROUTE T

WORK ZONE  
NO PHONE  
ZONE

CONST-8  
59

END  
ROAD WORK

G020-2  
26

STATE OF MISSOURI  
JAMES V. BEATTIE  
NUMBER  
PE-2018021150  
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
8/13/2024

ROUTE  
CC & T

DISTRICT  
CD

STATE  
MO

SHEET NO.  
11

COUNTY  
PHELPS

JOB NO.  
JCD0086

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

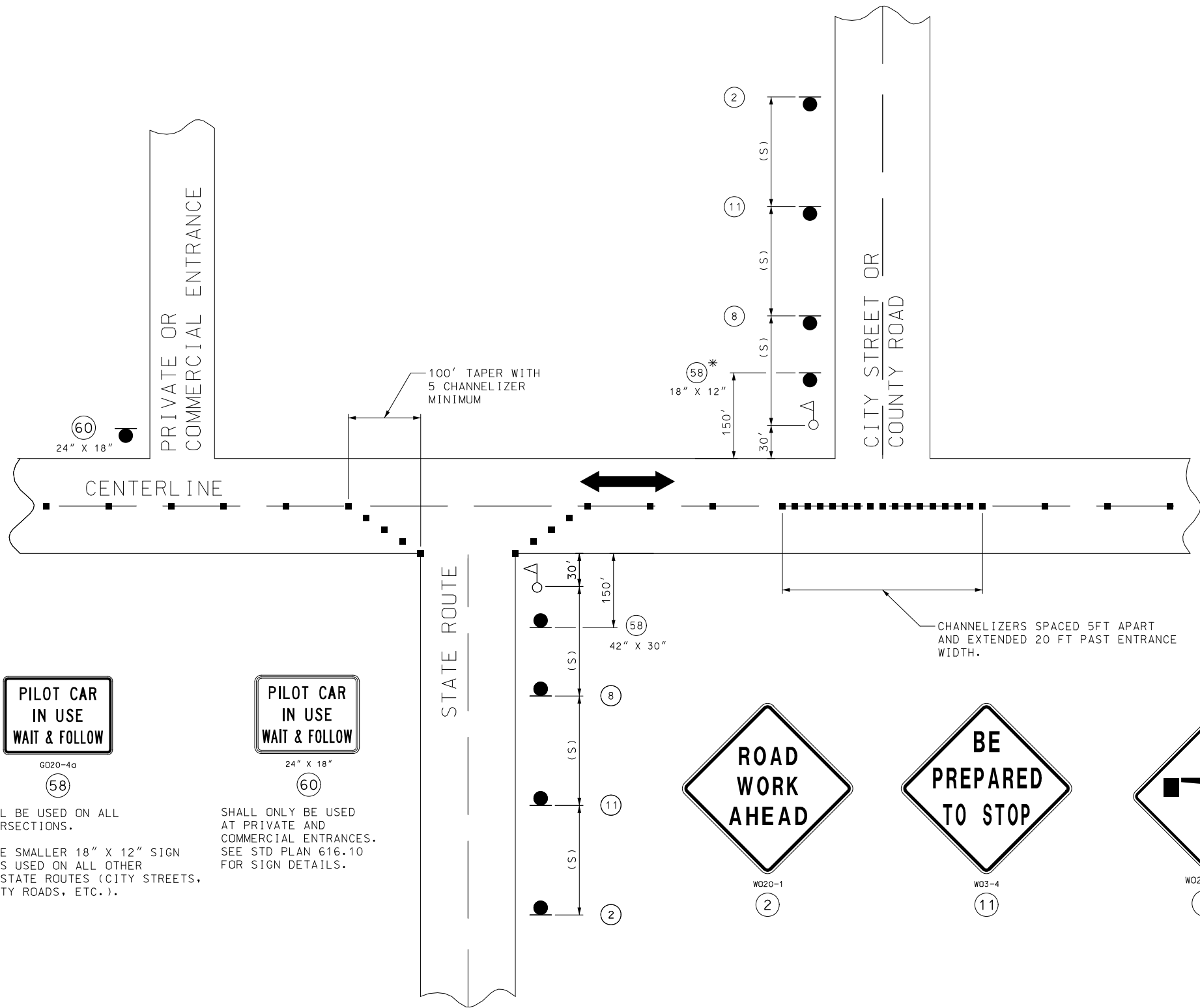
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

MoDOT





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

STATE OF MISSOURI  
JAMES V. BEATTIE  
NUMBER  
PE-2018022150  
PROFESSIONAL ENGINEER  
THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
8/13/2024

ROUTE  
CC & T

STATE  
MO

DISTRICT  
CD

SHEET NO.  
13

COUNTY  
PHELPS

JOB NO.  
JCD0086

CONTRACT ID.

PROJECT NO.

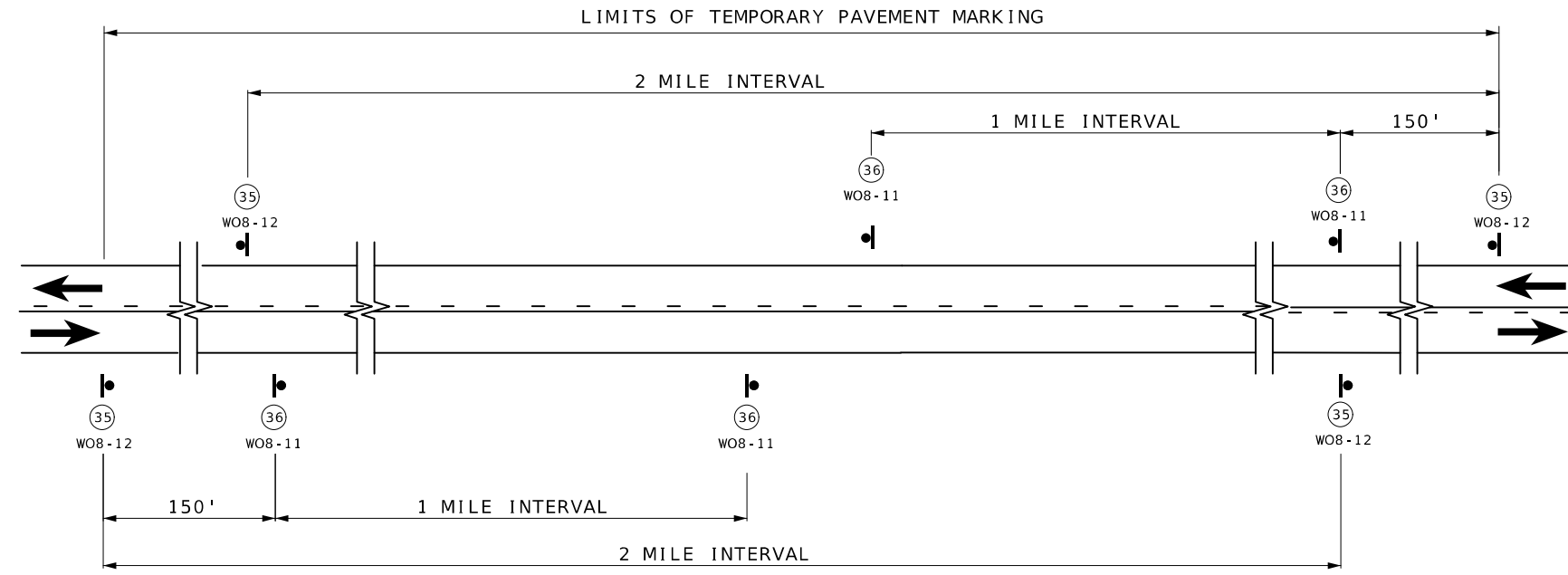
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DESCRIPTION

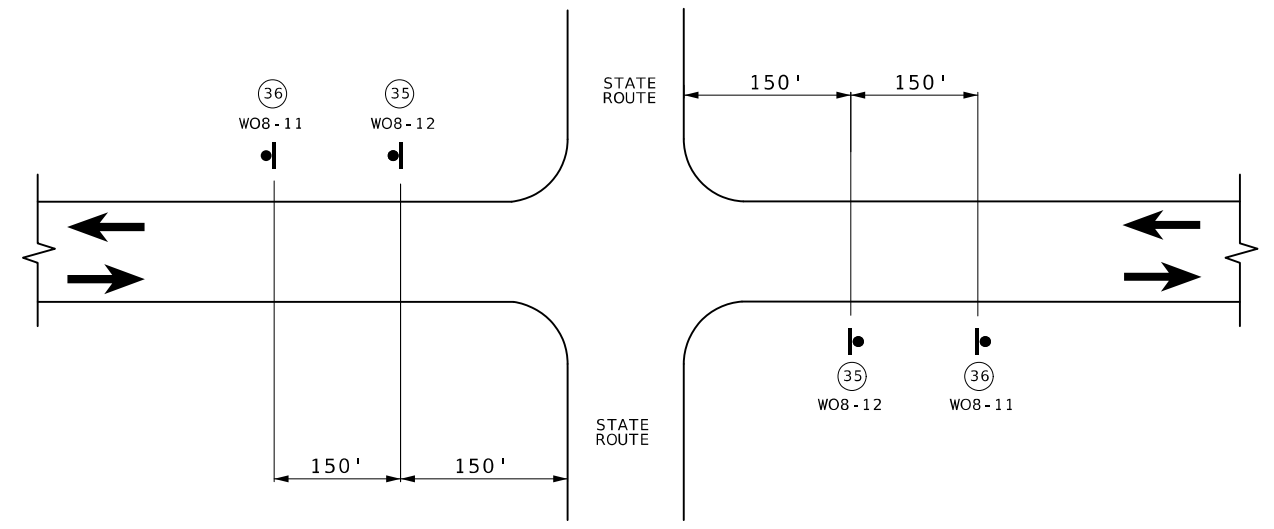
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

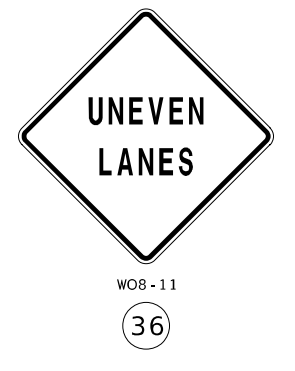
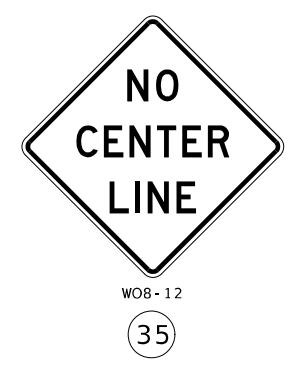
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



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

STATE OF MISSOURI  
JAMES V. BEATTIE  
NUMBER  
PE-2018021150  
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
8/13/2024

ROUTE  
CC & T

STATE  
MO

DISTRICT  
CD

SHEET NO.  
14

COUNTY  
PHELPS

JOB NO.  
JCD0086

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

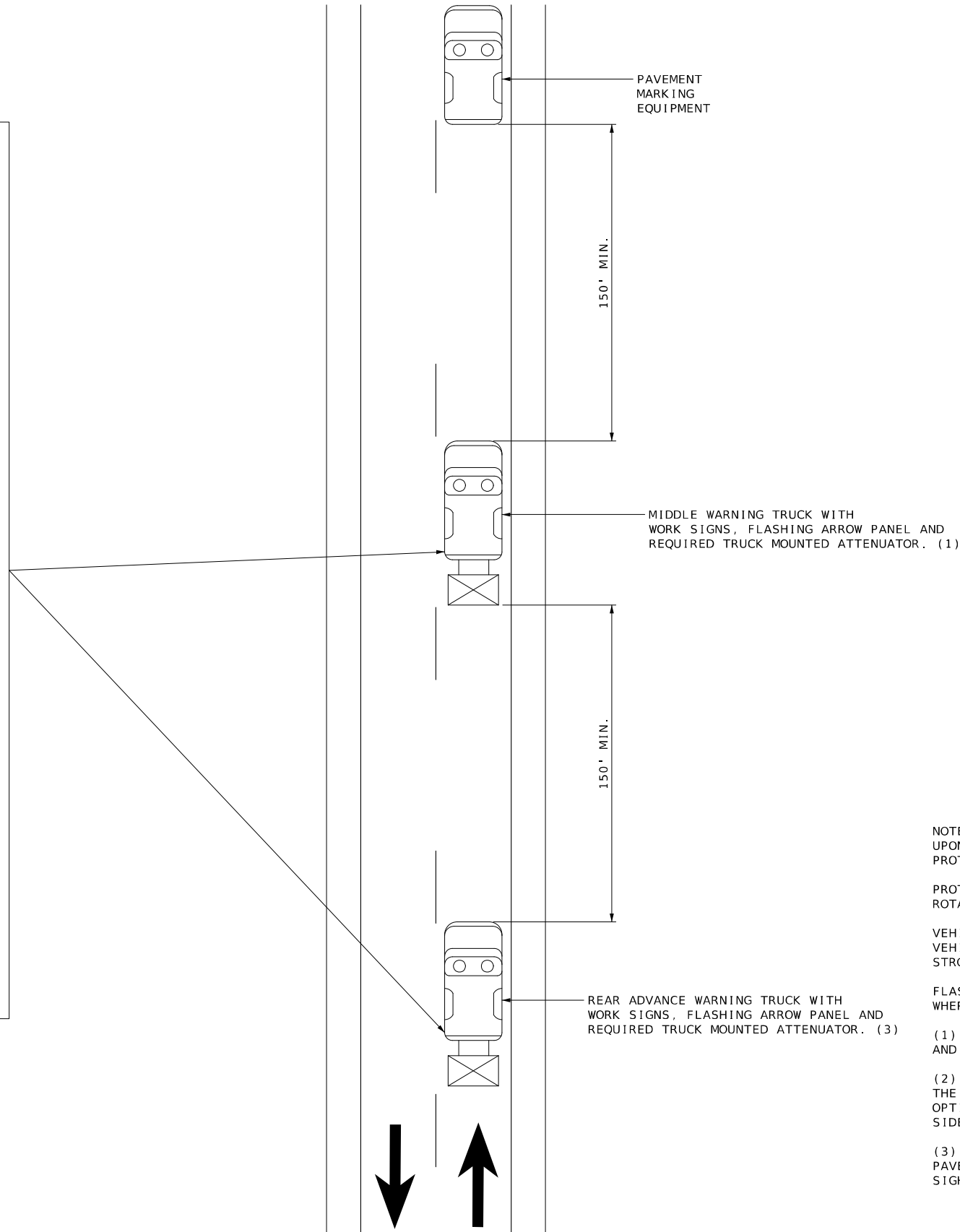
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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





(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.

