

DESIGN DESIGNATION

OR 44/WESTGATE AVE.
A.A.D.T. - 2020 = 21
V = 35 M.P.H.

OR 44/NORTON ST.
A.A.D.T. - 2020 = 300
V = 45 M.P.H.

OR 65/CRD 187
A.A.D.T. - 2020 = 37
V = 35/45 M.P.H.

OR 44/EVERGREEN ST./CRD 104
V = 55 M.P.H.

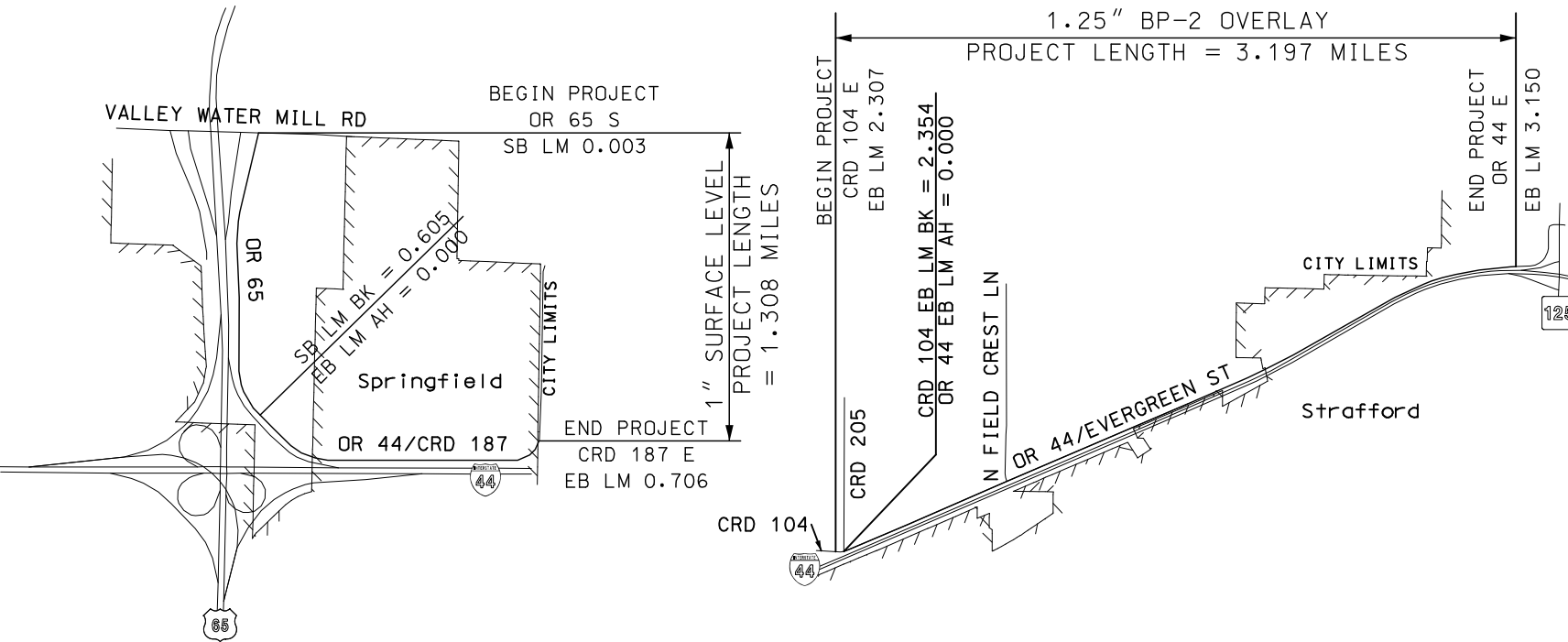
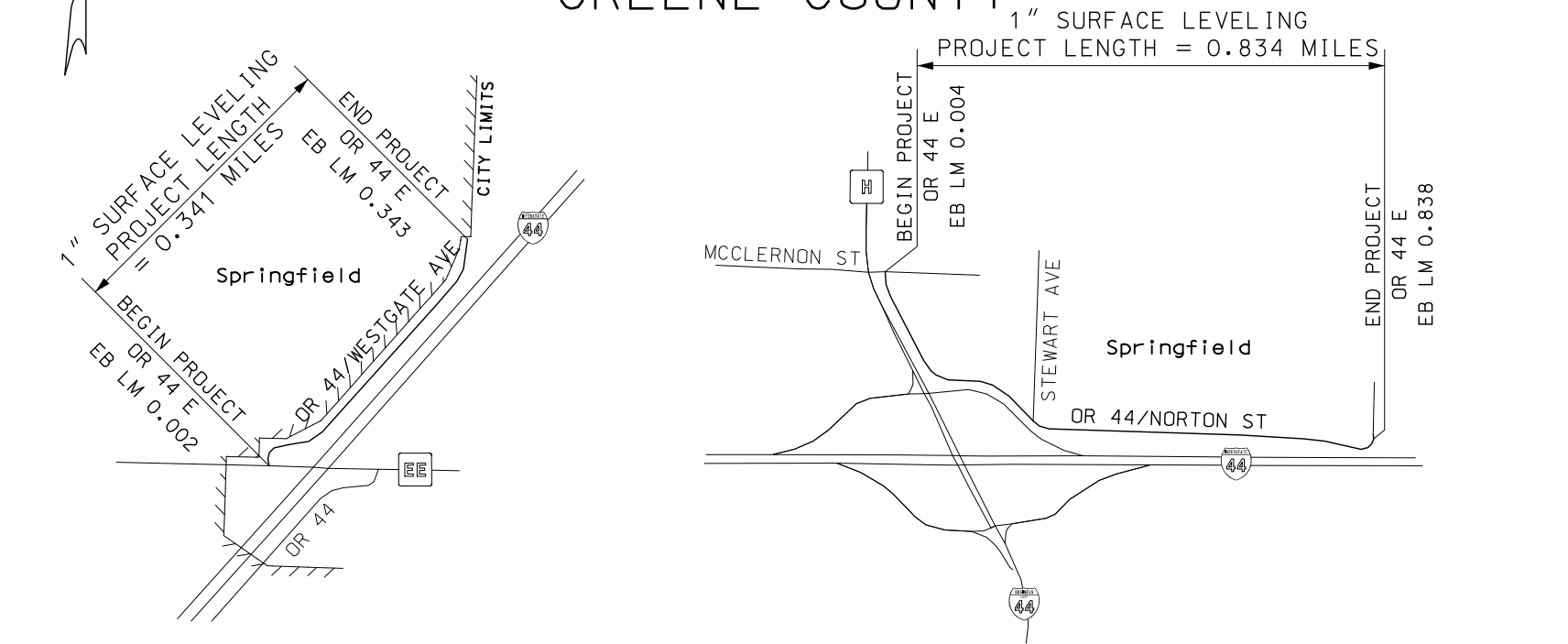
NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

EXISTING	NEW
BUILDINGS AND STRUCTURES	
GUARD RAIL	
GUARD CABLE	
CONCRETE RIGHT-OF-WAY MARKER	
STEEL RIGHT-OF-WAY MARKER	
LOCATION SURVEY MARKER	
UTILITIES	
FIBER OPTICS	
OVERHEAD CABLE TV	
UNDERGROUND CABLE TV	
OVERHEAD TELEPHONE	
UNDERGROUND TELEPHONE	
OVERHEAD POWER	
UNDERGROUND POWER	
SANITARY SEWER	
STORM SEWER	
GAS	
WATER	
MANHOLE	
FIRE HYDRANT	
WATER VALVE	
WATER METER	
DROP INLET	
DITCH BLOCK	
GROUND MOUNTED SIGN	
LIGHT POLE	
H-FRAME POWER POLE	
TELEPHONE PEDESTAL	
FENCE	
CHAIN LINK	
WOVEN WIRE	
GATE POST	
BENCHMARK	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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



NOT TO SCALE

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) (5 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-12
TRAFFIC CONTROL SHEETS (TC)-----	13-18



DATE PREPARED	7/20/2021
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	1
COUNTY	GREENE
JOB NO.	J8S3217
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)

LENGTH OF PROJECT

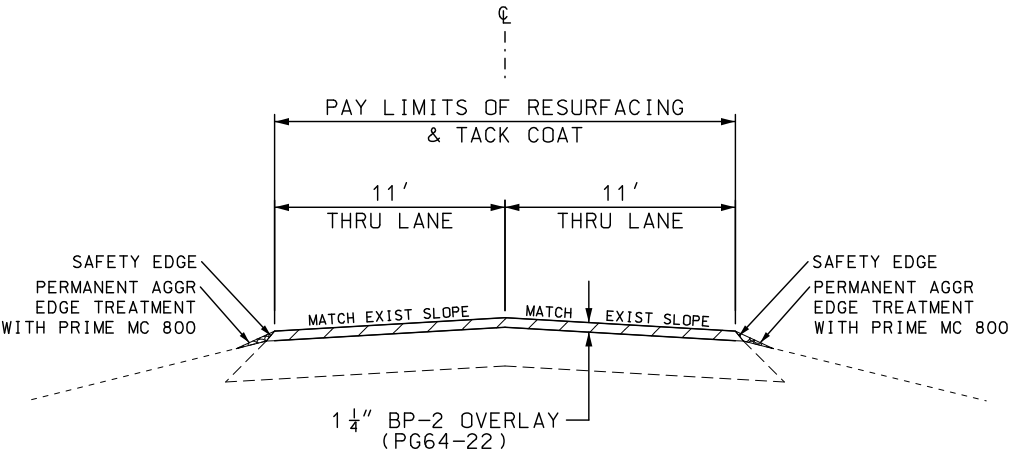
OR 44/WESTGATE AVE	
BEGINNING OF PROJECT	EB LM 0.002
END OF PROJECT	EB LM 0.343
APPARENT LENGTH	1800.48 FEET
OR 44/NORTON ST	
BEGINNING OF PROJECT	EB LM 0.004
END OF PROJECT	EB LM 0.838
APPARENT LENGTH	4403.52 FEET
OR 65/OR 44/CRD 187	
BEGINNING OF PROJECT	EB LM 0.003
END OF PROJECT	EB LM 0.706
EQUATION - SB LM 0.605 BK = EB LM 0.000 AH	
APPARENT LENGTH	6906.24 FEET
OR 44/EVERGREEN ST	
BEGINNING OF PROJECT	CRD 104 EB LM 2.307
END OF PROJECT	OR 44 EB LM 3.150
EQUATION - CRD 104 EB LM 2.354 BK = OR 44 EB LM 0.000 AH	
APPARENT LENGTH	16880.16 FEET
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	29990.4 FEET
STATE LENGTH	5.680 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES

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

NOTE: NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT – ONE PASS PER LANE

NO S.E. CORRECTION



OR 44 E/CRD 104 E/EVERGREEN ST.
EB LOG MILE 2.307 TO EB LOG MILE 2.354 (CRD 104)
EB LOG MILE 0.000 TO EB LOG MILE 3.150 (OR 44)

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
BP-2 (PG64-22)	1.990 TONS/CY	5.5
TACK COAT		
OVERLAY		0.08 GAL/SY
MILLING		0.10 GAL/SY
PRIME LIQUID ASPHALT MC 800		
PERMANENT AGGREGATE		0.25 GAL/SY
EDGE TREATMENT		
IRREGULARITIES: 75 TONS/MI		

STATE OF MISSOURI

KRIST BACHMAN

NUMBER PE-2003014941

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

7/20/2021

ROUTE

VAR

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

GREENE

JOB NO.

J8S3217

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

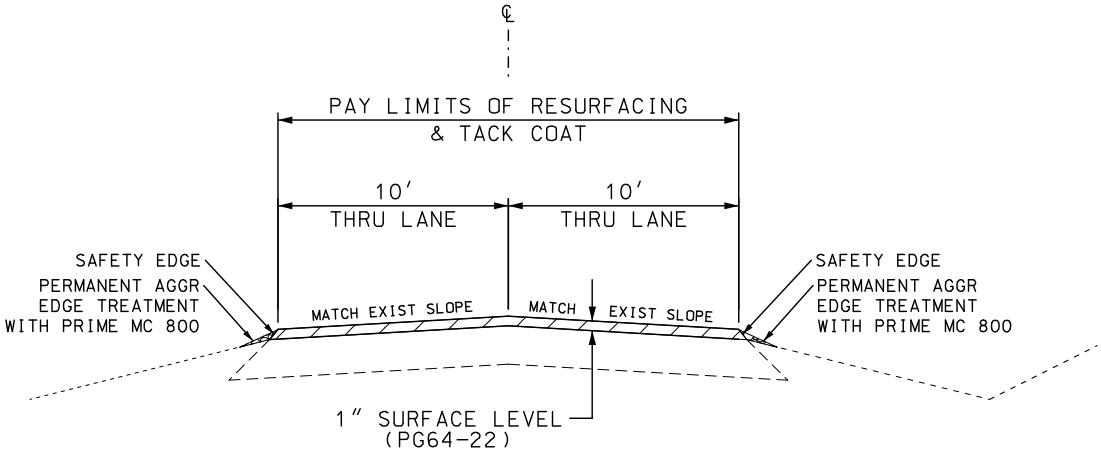
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTE: NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

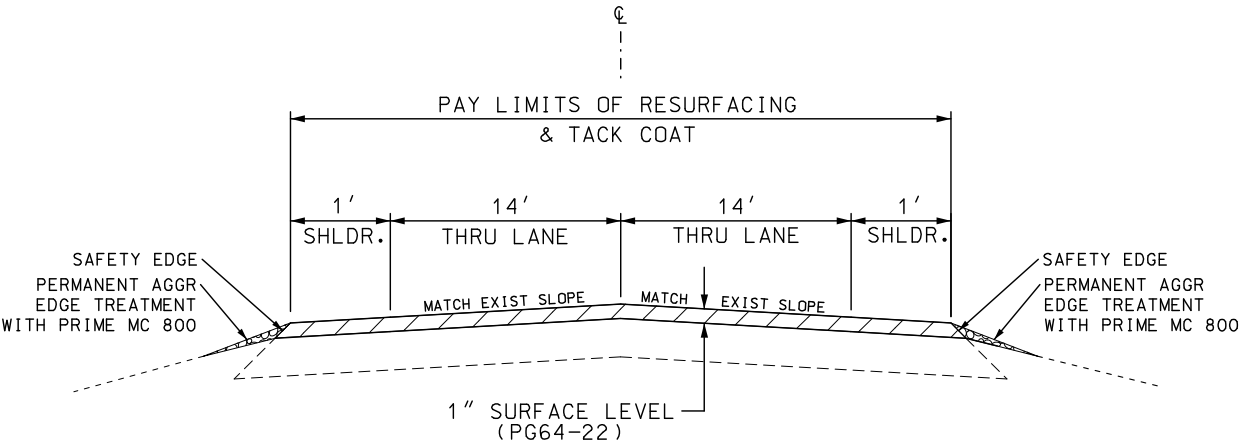
SURFACE PLACEMENT – ONE PASS PER LANE

NO S.E. CORRECTION

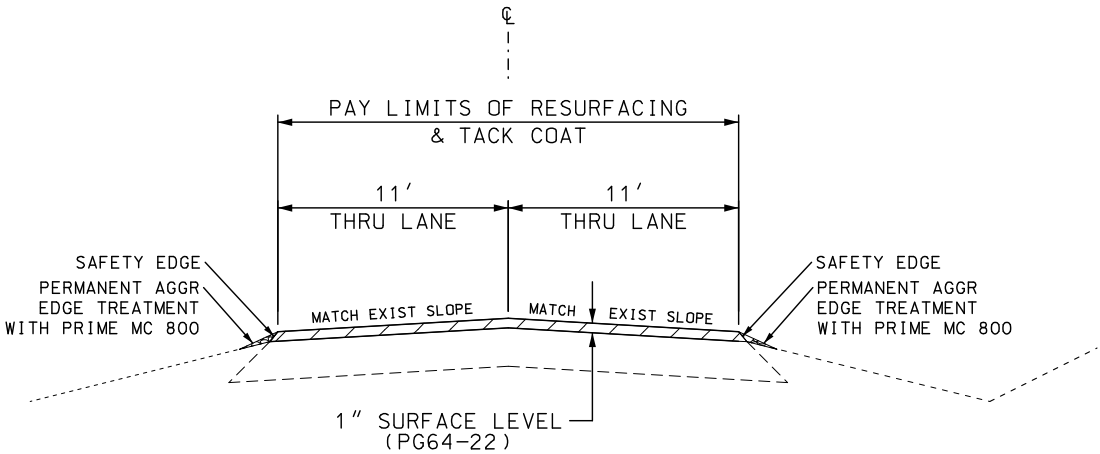
ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SURFACE LEVEL	1.990 TONS/CY	5.4
TACK COAT		
OVERLAY	0.08 GAL/SY	
MILLING	0.10 GAL/SY	
PRIME LIQUID ASPHALT MC 800		
PERMANENT AGGREGATE EDGE TREATMENT	0.25 GAL/SY	
IRREGULARITIES: 75 TONS/MI		



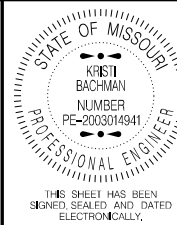
OR44 E/WESTGATE AVE
EB LOG MILE 0.002 TO EB LOG MILE 0.343



OR44 E/NORTON ST
EB LOG MILE 0.004 TO EB LOG MILE 0.838



OR 65 S/OR 44 E/CRD 187
SB LOG MILE 0.003 TO SB LOG MILE 0.605 OR 65 S
EB LOG MILE 0.000 TO EB LOG MILE 0.706 CRD 187 E



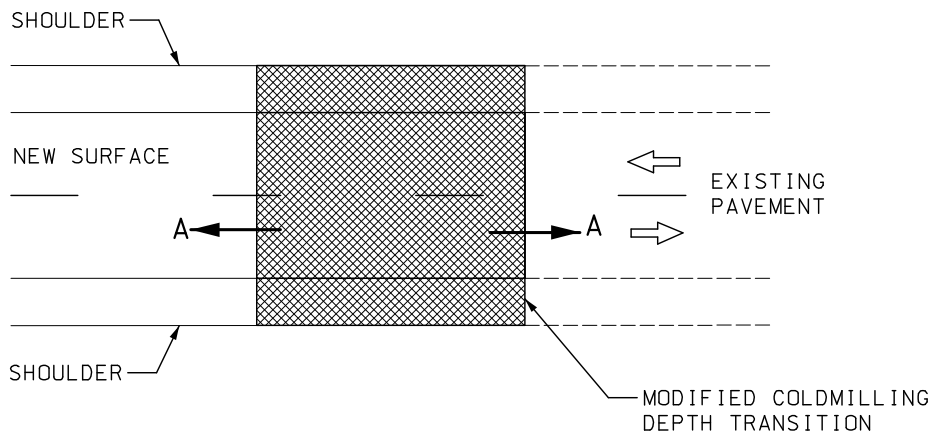
DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

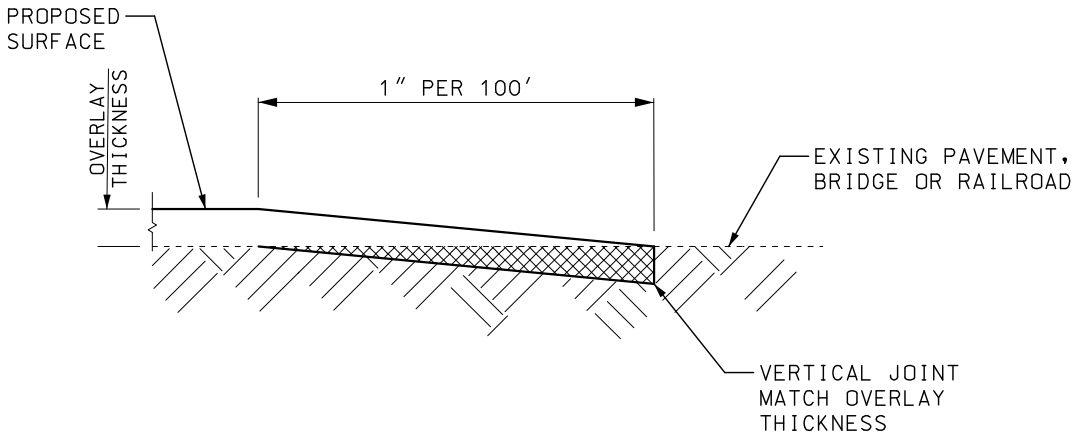
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



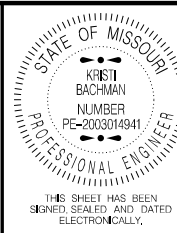
MAINLINE, BRIDGE AND RAILROAD PLAN



SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

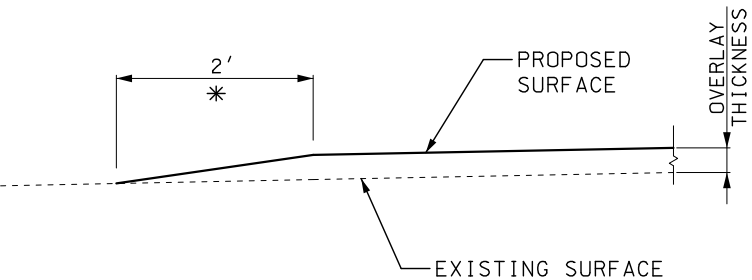
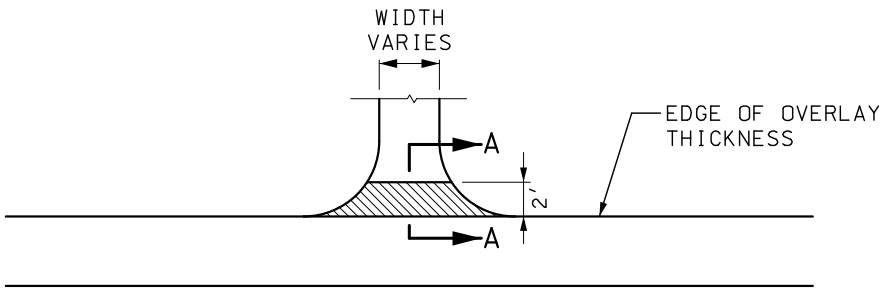
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



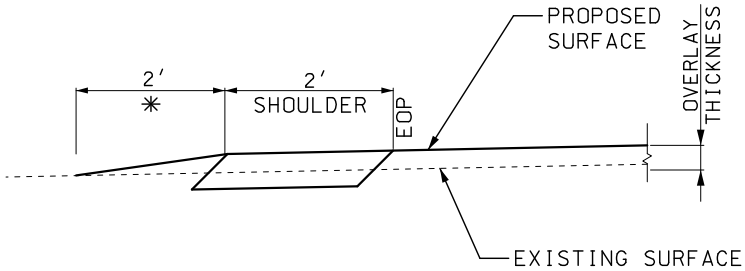
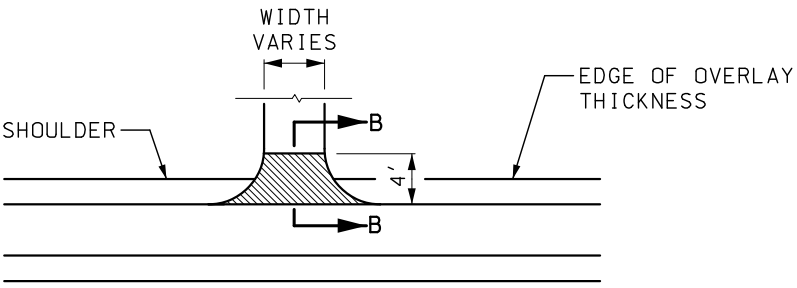
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

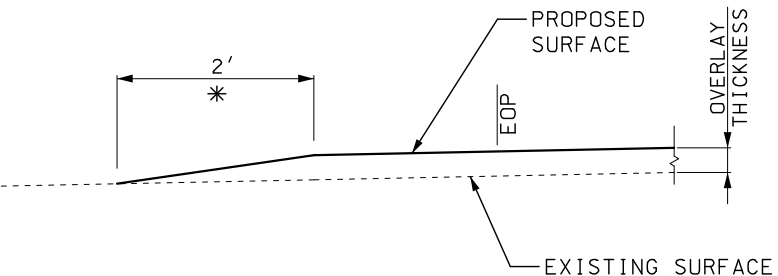


SECTION A-A
TYPICAL ENTRANCE - NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTE: 4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



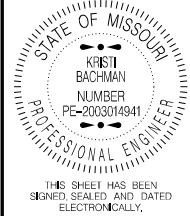
AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

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

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS
ACROSS CONCRETE OR ASPHALT ENTRANCES,
STREETS OR ROADS.
4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

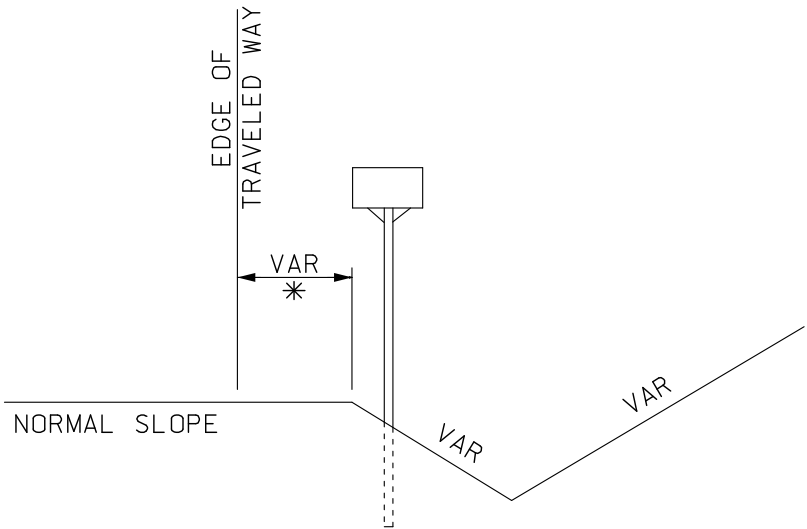
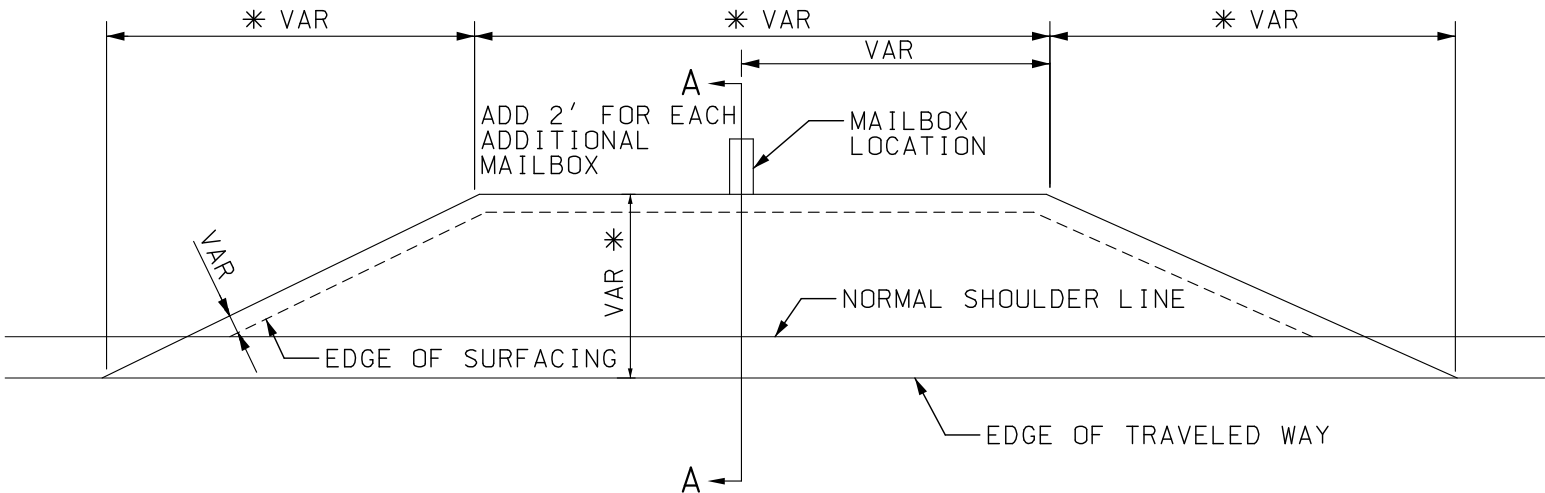
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

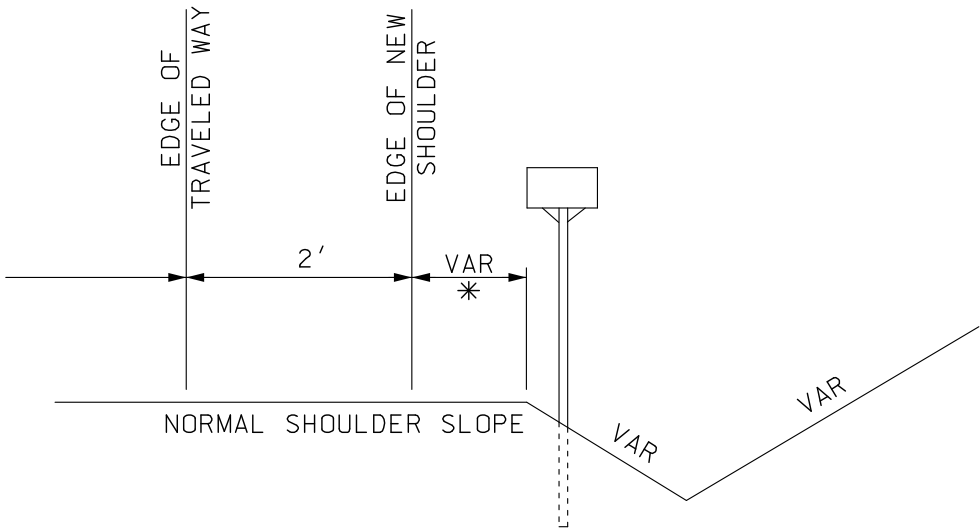
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

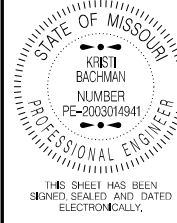
* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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

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REMOVAL OF IMPROVEMENTS						
LOG MILE	LOG MILE	LOC	DESCRIPTION	UNITS	TOTAL	REMARKS
OR 65/OR 44/CRD 187						
0.185	0.343	RT	GUARDRAIL	LF	850	
TOTAL 1 LUMP SUM						

PERMANENT AGGREGATE EDGE TREATMENT					
LOG MILE	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE TON	PRIME MC800 590 GAL/MILE GAL	REMARKS
OR 44/WESTGATE AVE					
0.012	0.343	0.331	66.2	195.3	
OR 44/NORTON ST					
0.004	0.838	0.834	166.8	492.1	
OR 65/OR 44/CRD 187					
0.012	0.605	0.593	118.6	349.9	
0.000	0.706	0.706	141.2	416.5	
CRD 104/OR 44/EVERGREEN ST					
2.307	2.354	0.047	9.4	27.7	
0.000	3.150		630	1858.5	
		TOTALS	1132.2	3340	
		USE	1133	3340	

GRAVEL (A) OR CRUSHED STONE (B)
104 TONS


BITUMINOUS PAVEMENT										
ROUTE	LOG MILE	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	APPROACH AREA SF	1" SURFACE LEVEL 1.990 TONS/CY TONS *	1.25" BP-2 1.990 TONS/CY TONS *	TACK 0.08 GAL/SY GAL	TACK 0.1 GAL/SY GAL	REMARKS
OR 44/WESTGATE AVE										
	0.002	0.012	50	VAR	2036.0	12.8			22.7	MILL & FILL @ BEGINNING OF ROUTE
	0.012	0.031	100	20	2000.0	12.6			22.3	MOD. COLDMILL
	0.031	0.324	1547.04	20	30940.8	193.9		275.1		
	0.324	0.343	100	20	2000.0	12.6			22.3	MOD. COLDMILL
OR 44/NORTON ST										
	0.004	0.023	100	30	3000.0	18.8			33.4	MOD. COLDMILL
	0.023	0.819	4202.88	30	126086.4	790.0		1120.8		
	0.819	0.838	100	30	3000.0	18.8			33.4	MOD. COLDMILL
OR 65/OR 44/CRD 187										
	0.003	0.012	50	VAR	2079	13.1			23.1	MILL & FILL @ BEGINNING OF ROUTE
	0.012	0.031	100	22	2200.0	13.8			24.5	MOD. COLDMILL
	0.031	0.605	3030.72	22	66675.8	417.8		592.7		
	0.000	0.687	3627.36	22	79801.9	500.0		709.4		
	0.687	0.706	100	22	2200.0	13.8			24.5	MOD. COLDMILL
CRD 104/OR 44/EVERGREEN ST										
	2.307	2.331	125	22	2750.0		21.6		30.6	MOD. COLDMILL
	2.331	2.354	121.44	22	2671.7		21.0	23.8		
	0.000	2.537	13395.36	22	294697.9		2307.8	2619.6		
	2.537	3.126	3109.92	26	80857.9		633.2	718.8		
	3.126	3.150	125	26	4062.5		31.9		45.2	MOD. COLDMILL
IRREGULARITIES AND ENTRANCES										
	0.002	0.343	1800.48			25.6				IRREGULARITIES @ 75 TONS/MILE
	0.004	0.838	4403.52			62.6				IRREGULARITIES @ 75 TONS/MILE
	0.003	0.605	3178.56			45.2				IRREGULARITIES @ 75 TONS/MILE
	0.000	0.706	3727.68			53.0				IRREGULARITIES @ 75 TONS/MILE
	2.307	2.354	248.16				3.6			IRREGULARITIES @ 75 TONS/MILE
	0.000	3.150	16632				236.3			IRREGULARITIES @ 75 TONS/MILE
						0.1	2.7	3.1		MAILBOXES
						1.9	8.9	20.5		ENTRANCES
					TOTALS	2206.4	3267.0	6083.8	282	* SAFETY EDGE INCLUDED IN QUANTITY
					USE	2206.4	3267.0		6366	
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.										



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8S3217	
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)

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

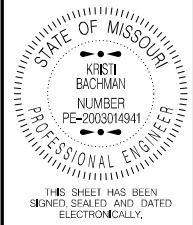
MOBILIZATION

1 LUMP SUM

PAVEMENT MARKING, WATERBORNE, TYPE P BEADS								
LOG MILE	LOG MILE	LOCATION	LENGTH LF	4" SOLID WHITE LF	4" SOLID YELLOW LF	4" INTERM/SOLID YELLOW LF	4" INTERM YELLOW LF	REMARKS
OR 44/WESTGATE AVE								
0.012	0.343	℄, LT & RT	1747.7		3495.4			DSY
OR 44/NORTON ST								
0.004	0.838	℄, LT & RT	4403.6	8807.2	8807.2			SW EDGE LINES, DSY
OR 65/OR 44/CRD 187								
0.008	0.605	℄, LT & RT	3152.2	6304.4	6304.4			SW EDGE LINES, DSY
0.000	0.706	℄, LT & RT	3727.7	7455.4	7455.4			SW EDGE LINES, DSY
CRD 104/OR 44/EVERGREEN ST								
2.307	2.354	℄, LT & RT	248.2	496.4	496.4			SW EDGE LINES, DSY
0.000	3.150	LT & RT	16632.0	33264				SW EDGE LINES
0.000	0.178	℄	939.9			1174.9		SIY
0.178	0.578	℄	2112.0				528.0	IY
0.578	0.738	℄	844.8			1056.0		ISY
0.738	0.898	℄	844.8			1056.0		SYI
0.898	1.098	℄	1056.0		2112.0			DSY
1.098	1.258	℄	844.8			1056.0		SIY
1.258	1.437	℄	945.2				236.3	IY
1.437	1.597	℄	844.8			1056.0		ISY
1.597	1.778	℄	955.7			1194.7		SIY
1.778	1.937	℄	839.6			1049.5		ISY
1.937	2.057	℄	633.6		1267.2			DSY
2.057	2.237	℄	950.5			1188.2		SIY
2.237	2.497	℄	1372.8				343.2	IY
2.497	2.657	℄	844.9			1056.2		ISY
2.657	3.150	℄	2603.1		5206.2			DSY
TOTALS				56327.4	35144.2	9887.5	1107.5	
USE				56328		46140		

COLDMILLING				
LOG MILE	LOG MILE	AREA SF	SY	REMARKS
OR 44/WESTGATE AVE				
0.002	0.012	2036	226.2	
OR 65/OR 44/CRD 187				
0.003	0.012	2079	231	
TOTALS			457.2	
USE			458	

SUMMARY OF QUANTITIES
SHEET 2 OF 4

DATE PREPARED
7-10-1994

7/20/2021	
ROUTE	STATE

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
----------	-----------

SW	3
----	---

COUNTY
GREENE

GREENE
JOB NO.

J8S3217

CONTRACT ID.

PROJECT NO.

PROJECT NO.

BRIDGE NO.

[illegible][illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

The logo for the Missouri Department of Transportation (MoDOT) features the word "MoDOT" in a bold, sans-serif font. Below the text is a stylized graphic of a road or highway with multiple lanes, represented by several parallel, slightly curved lines that taper towards the right.

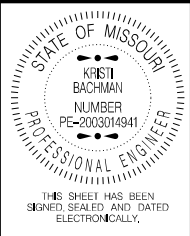
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	NET LENGTH LF	WIDTH LF	AREA SF	SY	REMARKS
OR 44/WESTGATE AVE						
0.012	0.031	100	20	2000	222.2	
0.324	0.343	100	20	2000	222.2	
OR 44/NORTON ST						
0.004	0.023	100	30	3000	333.3	
0.819	0.838	100	30	3000	333.3	
OR 65/OR 44/CRD 187						
0.012	0.031	100	22	2200	244.4	
0.687	0.706	100	22	2200	244.4	
CRD 104/OR 44/EVERGREEN ST						
2.307	2.331	125	22	2750	305.6	
3.126	3.150	125	VAR	4062.5	451.4	
TOTALS					2356.8	
USE					2357	

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM


MGS GUARDRAIL							
LOG MILE	LOG MILE	LOC	NET LENGTH LF	MGS RAIL LF	TYPE A CRASHWORTHY END TERMINAL EACH	SHAPING SLOPES CL III 100 FT	REMARKS
OR 65/OR 44/CRD 187							
0.185	0.357	RT	910	810	2	9.7	
			TOTALS	812.5	2	10.0	
			USE	813	2	10	



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8S3217	
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.

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	
GUIDE SIGNS								DESCRIPTION
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			1	ROAD WORK NEXT XX MILES
G020-2	48X24	8.00	2	16.00			26	END ROAD WORK
G020-4	36X18	4.50	2	9.00			53	PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50	7	10.50			58	PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	2	12.00			54	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			4	SPEED LIMIT XX 2-45, 2-55
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						SIDEWALK CLOSED
R9-11L	24X18	3.00						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						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-7	48X24	8.00	4	32.00			56	RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	4	48.00			59	WORK ZONE NO PHONE ZONE
616-10.05 CONSTRUCTION SIGNS				TOTAL 932				
616-10.10 RELOCATED SIGNS						TOTAL		

DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3

COUNTY	GREENE
JOB NO.	J8S3217
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

10. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

ALL LOG MILES AND/OR LOCATIONS SHOWN ON
PLANS ARE APPROXIMATE AND CAN VARY AS
APPROVED BY ENGINEER.

CONTINUE 1" SL
TO EB LM 0.324

1" SURFACE LEVEL
MILL & FILL
(PG64-22)

BEGIN PROJECT
EB LM 0.002

EB LM 0.012

100' CM
MOD. 1" - 0"

$$\frac{EB}{LM} = 0.031$$

4" DSY

OR 44/WESTGATE AVE

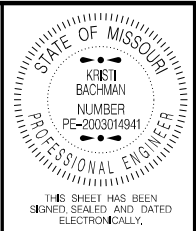
20

ROUTE EE

I-44 WB

I-44 EB

SPECIAL SHEET
SHEET 1 OF 9



DATE PREPARED
7/20/2021

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SW	4

COUNTY
GREENE

JOB NO.
1853217

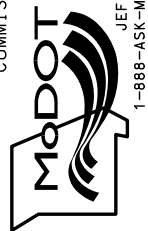
0055211
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

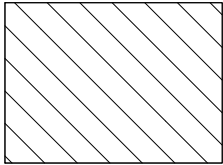
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



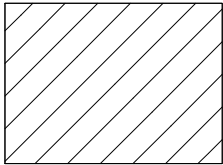
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

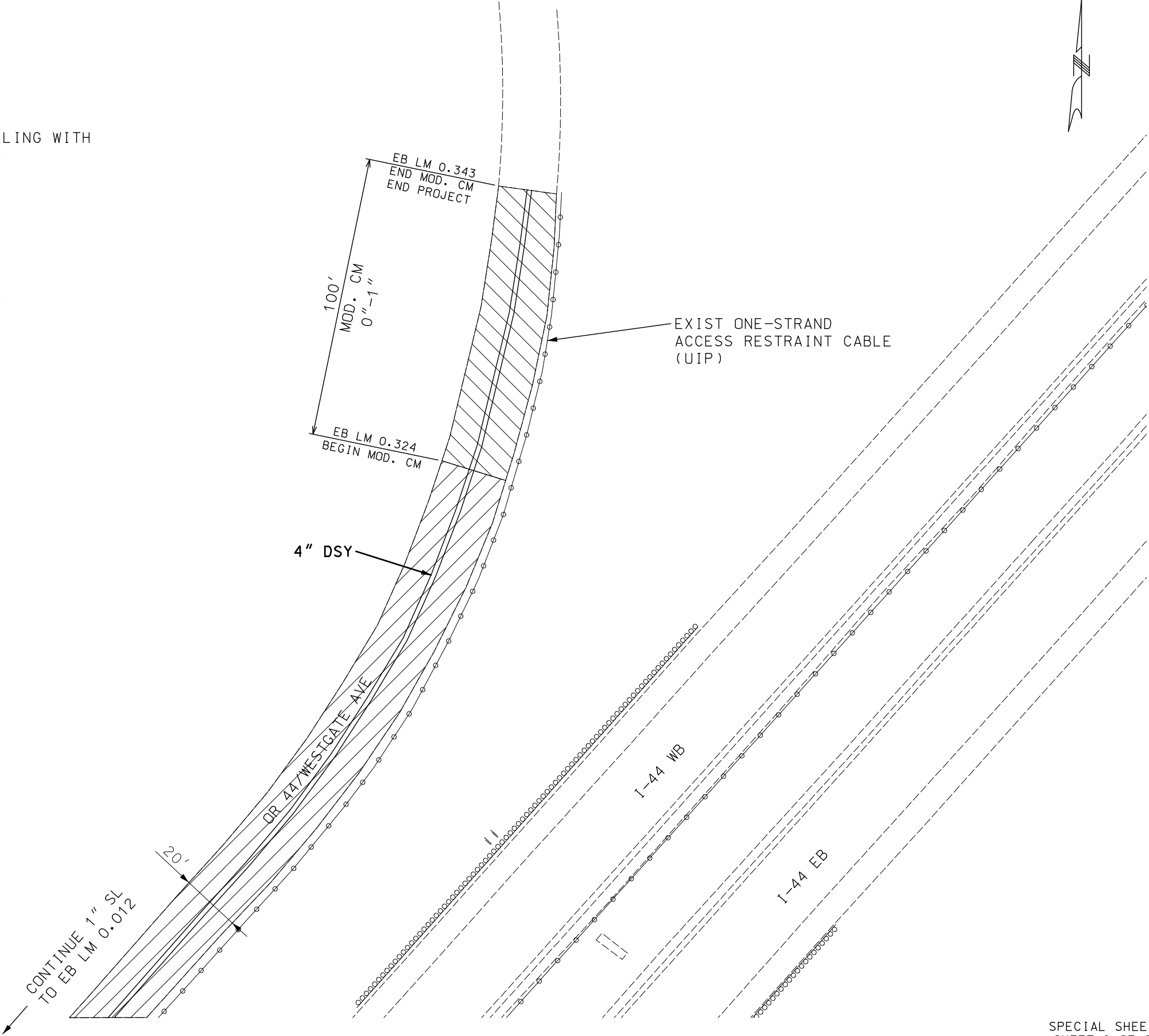
DSY - DOUBLE SOLID YELLOW



MODIFIED COLDMILLING WITH
1" SURFACE LEVEL
(PG64-22)



1" SURFACE LEVEL
(PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 9

STATE OF MISSOURI

KRISTI BACHMAN

NUMBER PE-2003014941


PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 5
COUNTY GREENE	
JOB NO. J8S3217	
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.

SW - SOLID WHITE
DSY - DOUBLE SOLID YELLOW

E MCLERNON ST

EB LM 0.004
BEGIN MOD. CM
BEGIN PROJECT

100'
MOD. CM
1" - 0"

EB LM 0.023
END MOD. CM

30'

DR 44/NORTON ST

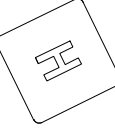
4" SW

4" DSY

4" SW

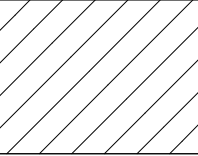
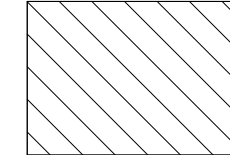
CONTINUE 1" SL
TO EB LM 0.819

N GLENSTONE AVE



MODIFIED COLDMILLING WITH
1" SURFACE LEVEL
(PG64-22)

1" SURFACE LEVEL
(PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 3 OF 9



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/20/2021

ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 6

COUNTY
GREENE

JOB NO.
J8S3217

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

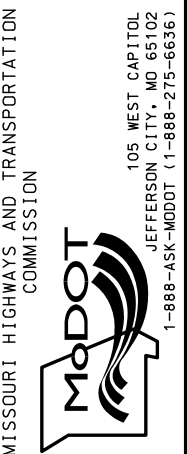
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



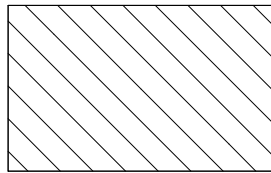
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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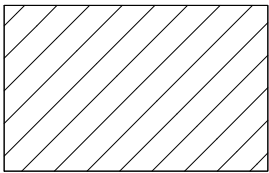
SPECIAL SHEET
SHEET 4 OF 9



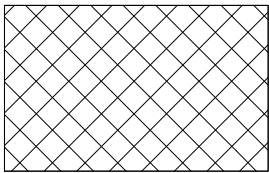
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



MODIFIED COLDMILLING WITH
1" SURFACE LEVEL
(PG64-22)

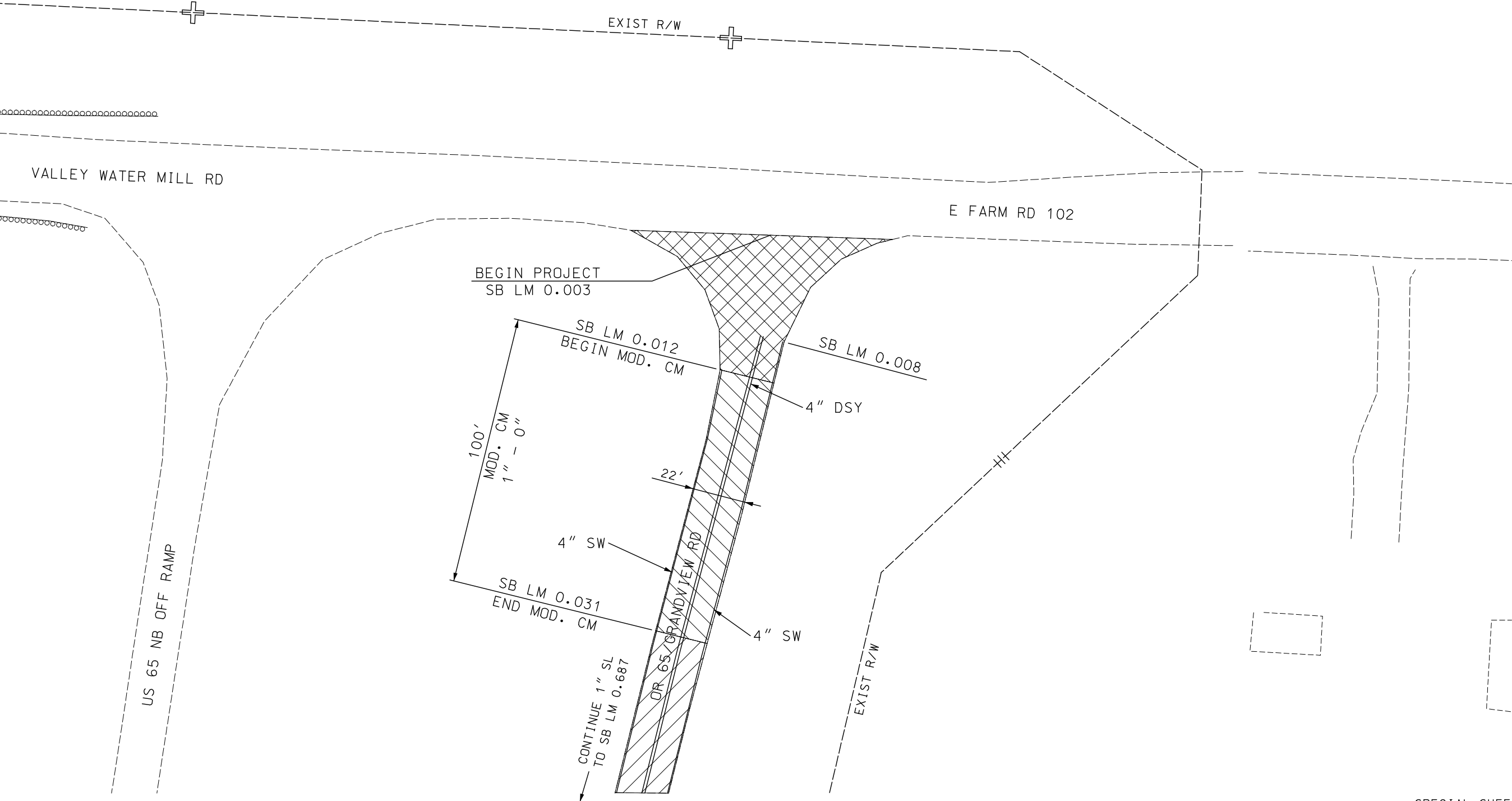


1" SURFACE LEVEL
(PG64-22)



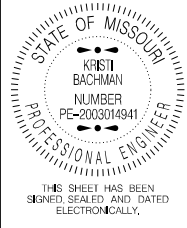
1" SURFACE LEVEL
MILL & FILL
(PG64-22)

DSY - DOUBLE SOLID YELLOW
SW - SOLID WHITE



NOT TO SCALE

SPECIAL SHEET
SHEET 5 OF 9



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 8
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

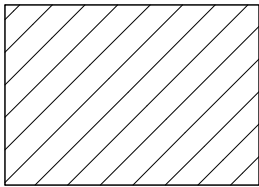
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

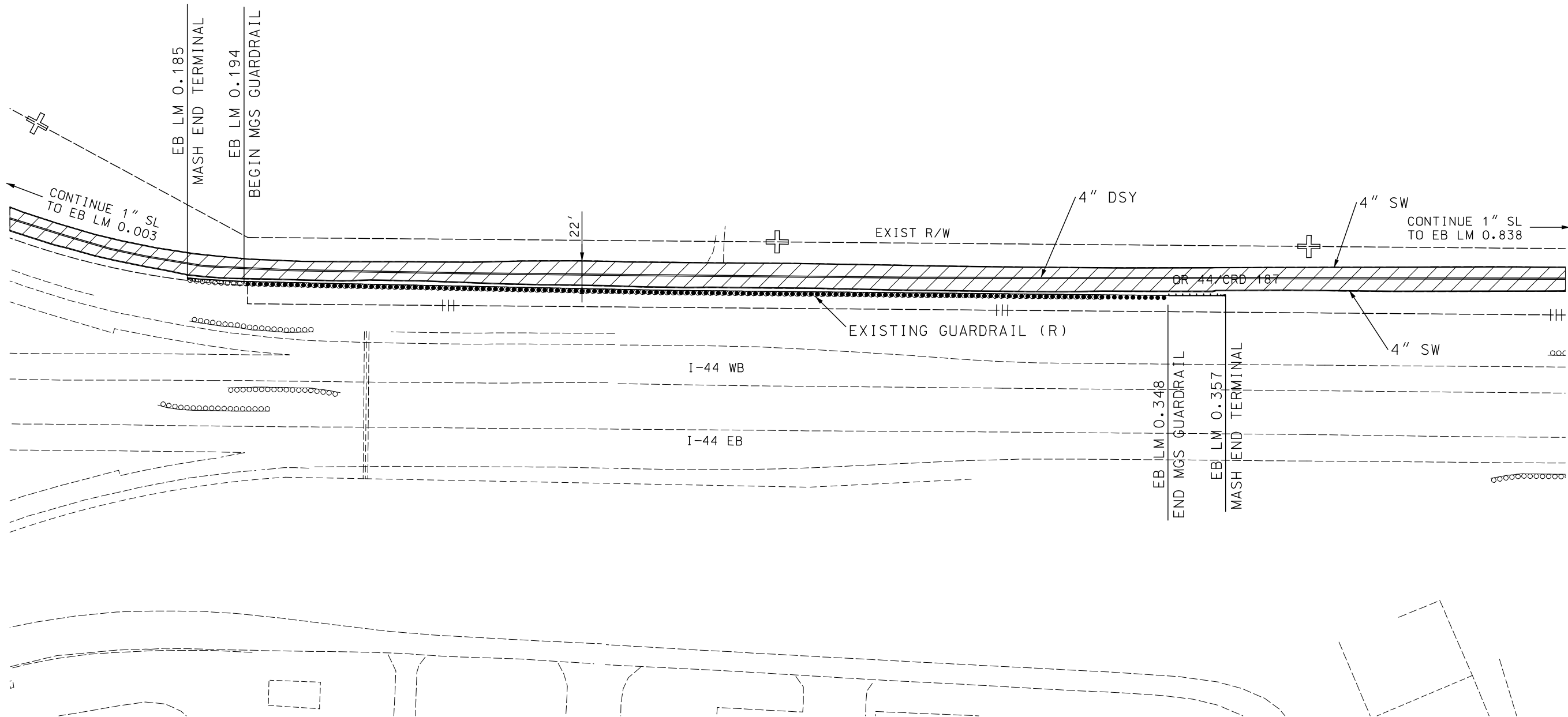
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

DSY - DOUBLE SOLID YELLOW
SW - SOLID WHITE



1" SURFACE LEVEL
(PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 6 OF 9

STATE OF MISSOURI
KRISTI BACHMAN
NUMBER PE-2003014941
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

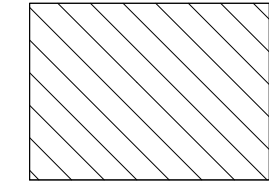
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

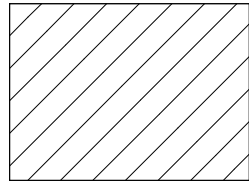
MoDOT

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.

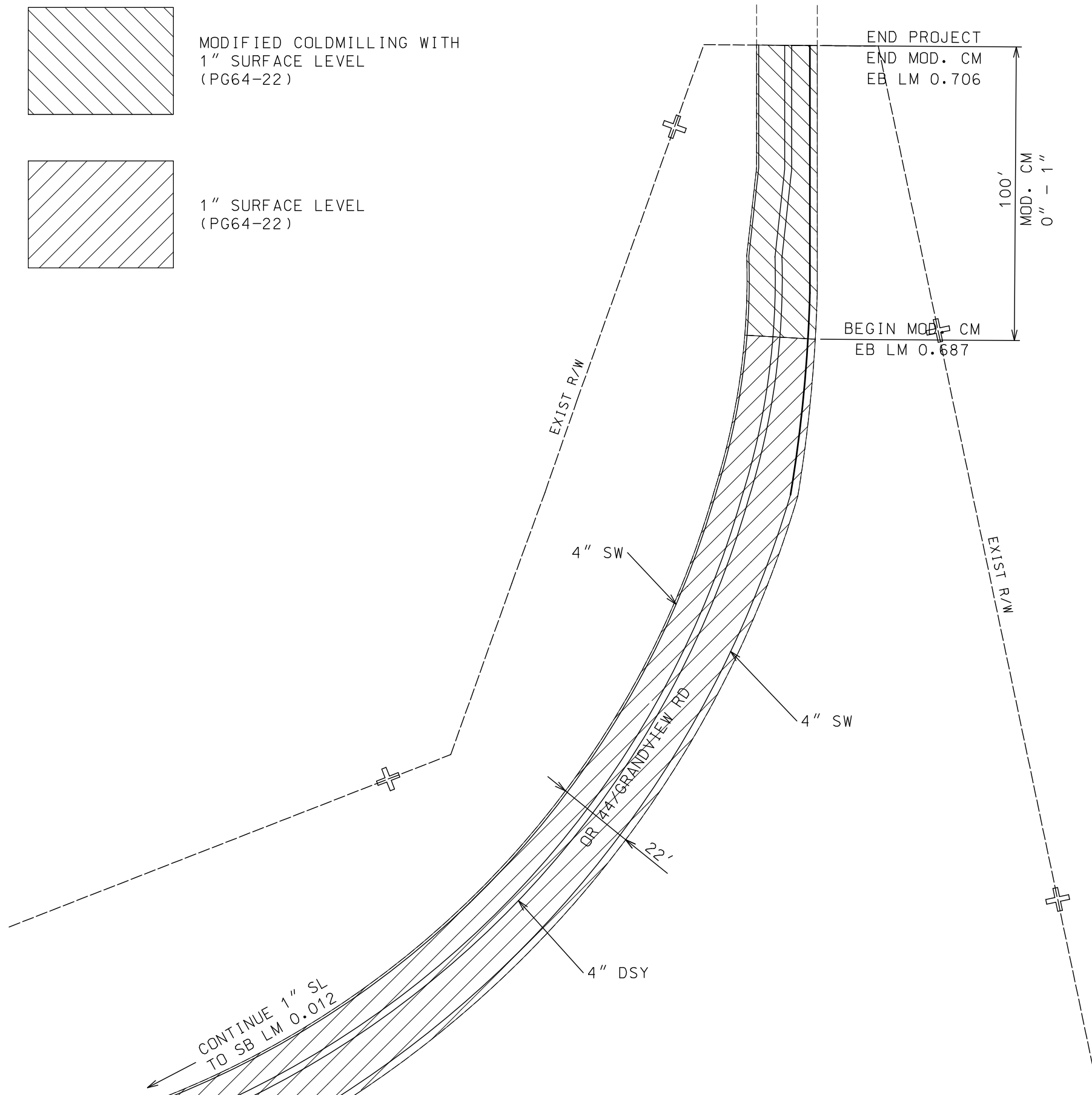


MODIFIED COLDMILLING WITH
1" SURFACE LEVEL
(PG64-22)



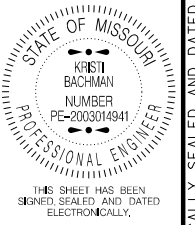
1" SURFACE LEVEL
(PG64-22)

DSY - DOUBLE SOLID YELLOW
SW - SOLID WHITE



NOT TO SCALE


SPECIAL SHEET
SHEET 7 OF 9



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 10
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

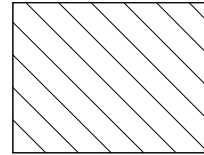
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



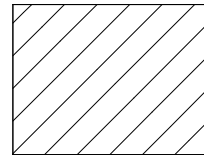
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

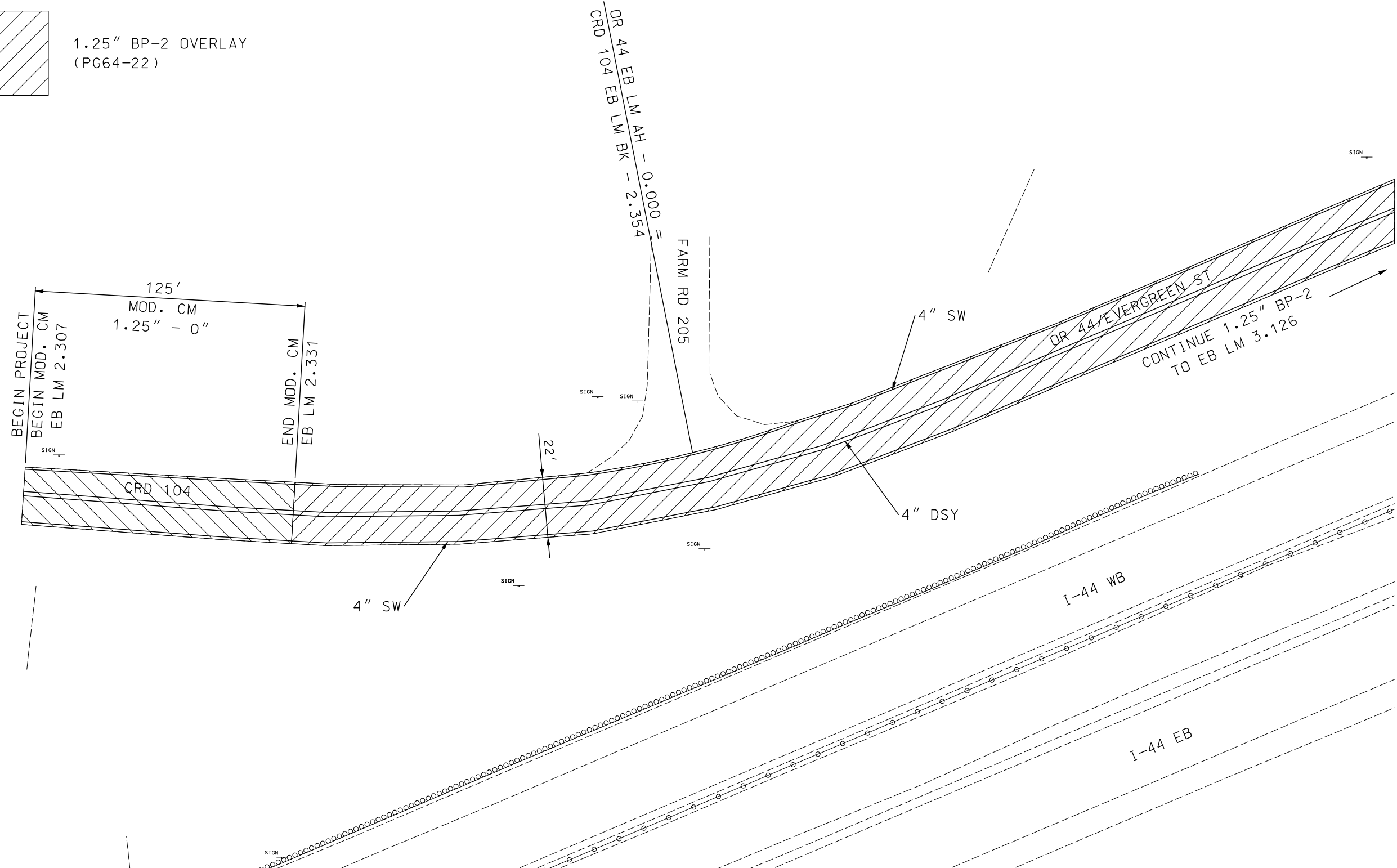
DSY - DOUBLE SOLID YELLOW
SW - SOLID WHITE



MODIFIED COLDMILLING WITH
1.25" BP-2
(PG64-22)

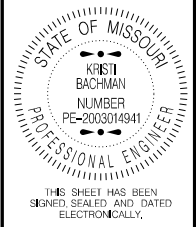


1.25" BP-2 OVERLAY
(PG64-22)



NOT TO SCALE

SPECIAL SHEET
SHEET 8 OF 9



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 11
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

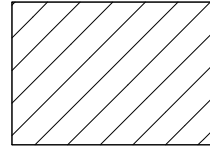
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

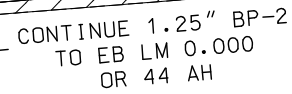
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

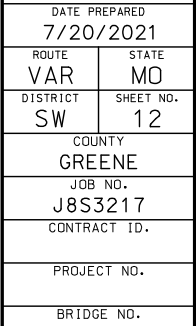
SW - SOLID WHITE



1.25" BP-2 OVERLAY
(PG64-22)



SPECIAL SHEET
SHEET 9 OF 9

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

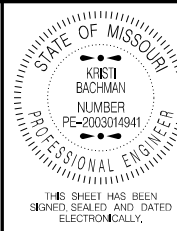
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

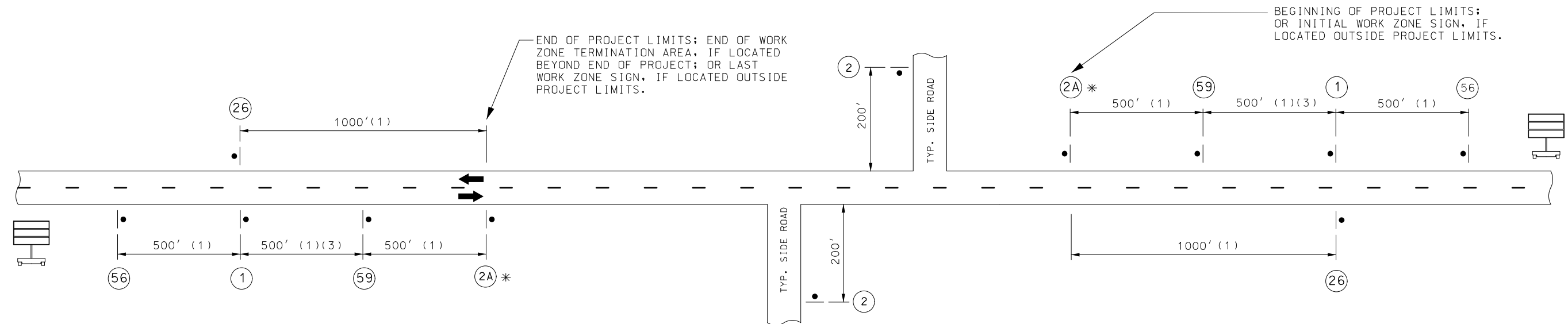
GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
15. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

REVISED: 6-4-2021

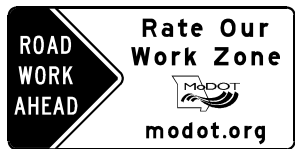
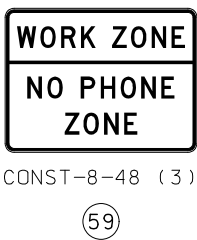
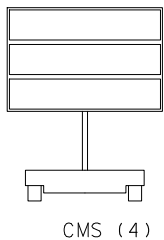


DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 13
COUNTY GREENE	
JOB NO. J8S3217	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

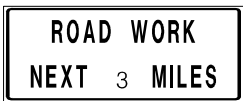


TYPICAL BEGINNING AND END OF PROJECT
(UNDIVIDED HIGHWAY)

- (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-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN OR WORK ZONE NO PONE ZONE SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



CONST-7-72 (2)
(56)



G020-1
(1)



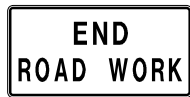
W020-1



(2A)*

(2A)

* SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.



G020-2

(26)



W020-1

(2)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 1 OF 6

DESCRIPTION	DATE



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.

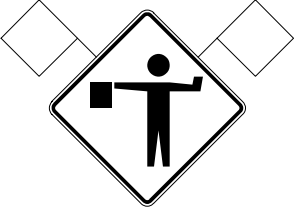


W020-1
(2)

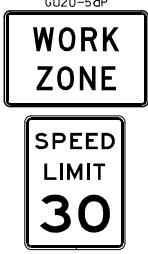
BRIDGE
OR
RAMP



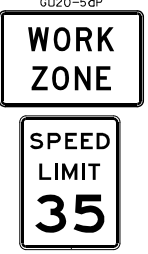
W020-4
(7)



W020-7a
(8)



R2-1
(54)
(4)



R2-1
(54)
(4)



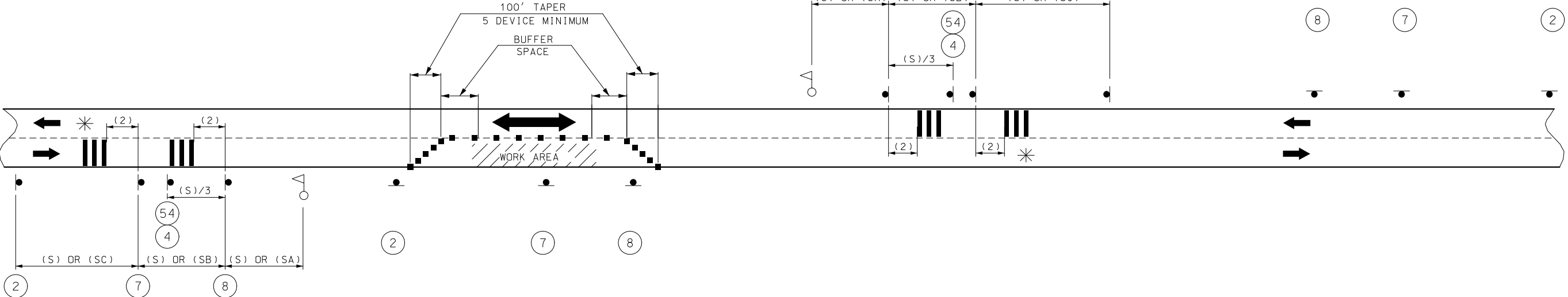
R2-1
(54)
(4)

WORK ZONE SPEED LIMIT = 30,35,45 MPH
NORMAL SPEED LIMIT = 35,45,55 MPH



G020-4
(53)

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



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

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).

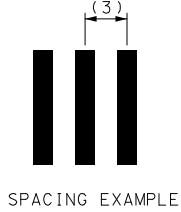
- - CHANNELIZERS
- ▽ - FLAGGER
- ||| - TEMPORARY SHORT TERM RUMBLE STRIPS

NOTES:
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.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER SPACE LENGTH (FT)	TAPER LENGTH, FT	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/ WORK AREAS		SHOULDER	LANE
0-35	200	200	35	40	280	70	245
40-45	350	500	40	80	400	150	540
50-55	500	1000	50	80	560	185	660
60-70	1000	SA-1000 SB-1500 SC-2640	60	120	840	235	840

NOTES:
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



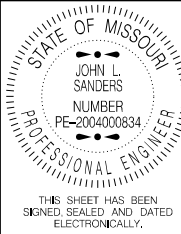
SHORT-TERM RUMBLE STRIPS		
PERMANENT POSTED (MPH)	DISTANCE (FT) (2)	SPACING (FT) (3)
0-45 (OPTIONAL)	120	10
50-55 (OPTIONAL)	160	20
60-70	200	35

* SECOND SET OF TEMPORARY RUMBLES OPTIONAL.

MOVING FLAGGER OPERATION WITH
TEMPORARY SHORT-TERM RUMBLE STRIPS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 6



DATE PREPARED 7/27/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 15
COUNTY GREENE	
JOB NO. J8S3217	
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.

SIDE ROADS ENTERING WORK ZONES

SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
PERMANENT POSTED (MPH)		
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

△ - FLAGGER

PILOT CAR
IN USE
WAIT & FOLLOW

G020-4a

58

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

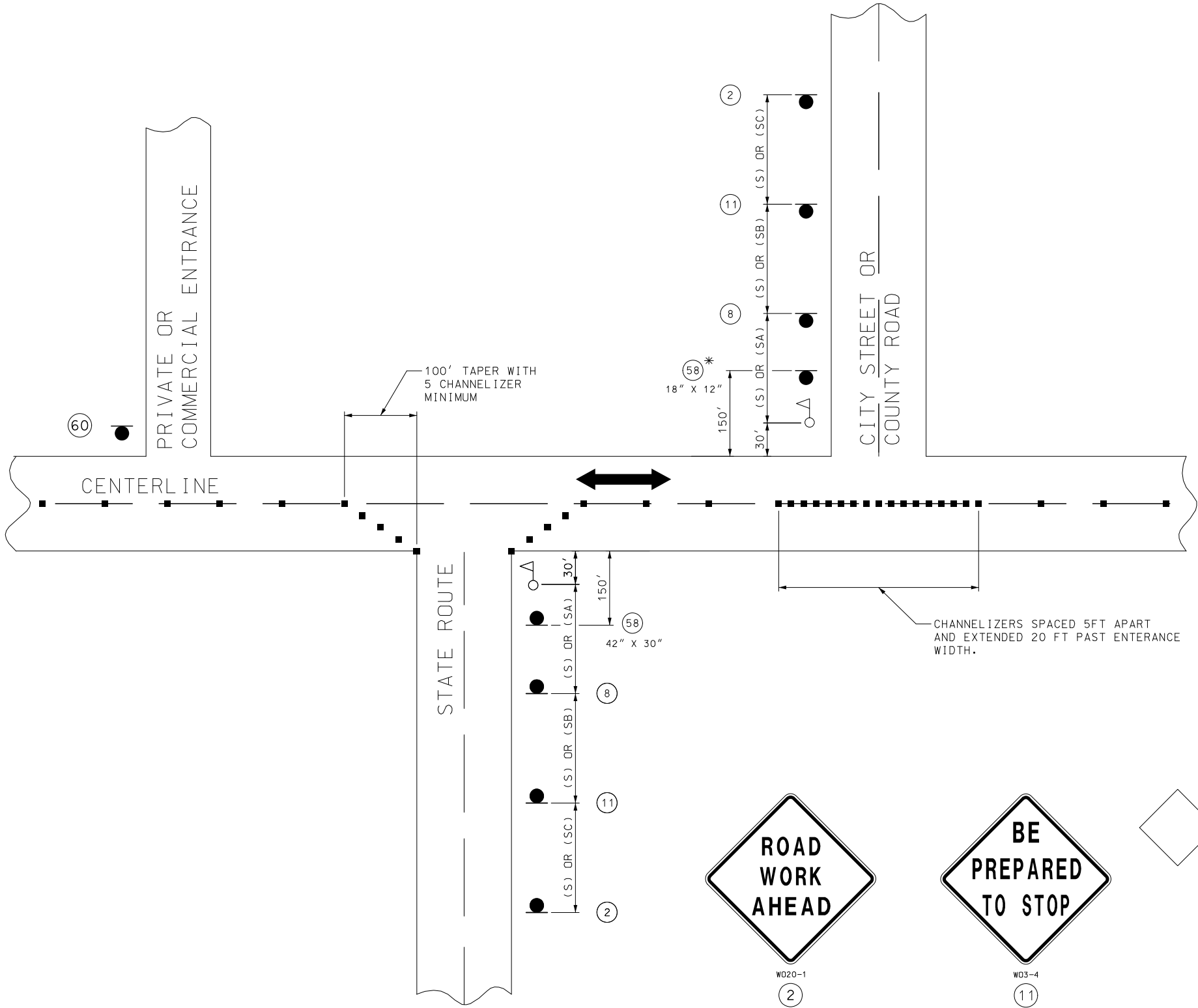
* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

PILOT CAR
IN USE
WAIT & FOLLOW

SPECIAL

60

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.



NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 6



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/20/2021

ROUTE STATE

VAR MO

DISTRICT SHEET NO.

SW 16

COUNTY

GREENE

JOB NO.

J8S3217

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

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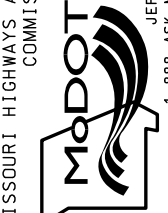
DATE

DATE

DATE

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.

ROUTE	STATE
-------	-------

DISTRICT	SHEET NO.
----------	-----------

SW	NE
COUNTY	

JOB NO.

0055211
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO. 65102

M	✓
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The diagram illustrates a four-way intersection with a central intersection area and four side roads. The intersection is divided into four quadrants by a horizontal and a vertical centerline. The horizontal centerline has a dashed line in the middle, and the vertical centerline has a dashed line in the middle. The intersection is marked with a large 'X' shape. The four quadrants are labeled with traffic signal numbers and names: (23) WO8-17R, (36) WO8-11, (35) WO8-12, and (50) WO8-1 (*). The dimensions of the intersection are given as 150' for each of the four quadrants. The side roads are labeled 'SIDE ROAD' and have a width of 150'. The intersection is shown with a north arrow pointing towards the top right.

(*) BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10. UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

TRAFFIC CONTROL
SHEET 5 OF 6

A.A.D.T. - 2020 = 1336 OUTER RD 13
V = 35 M.P.H.

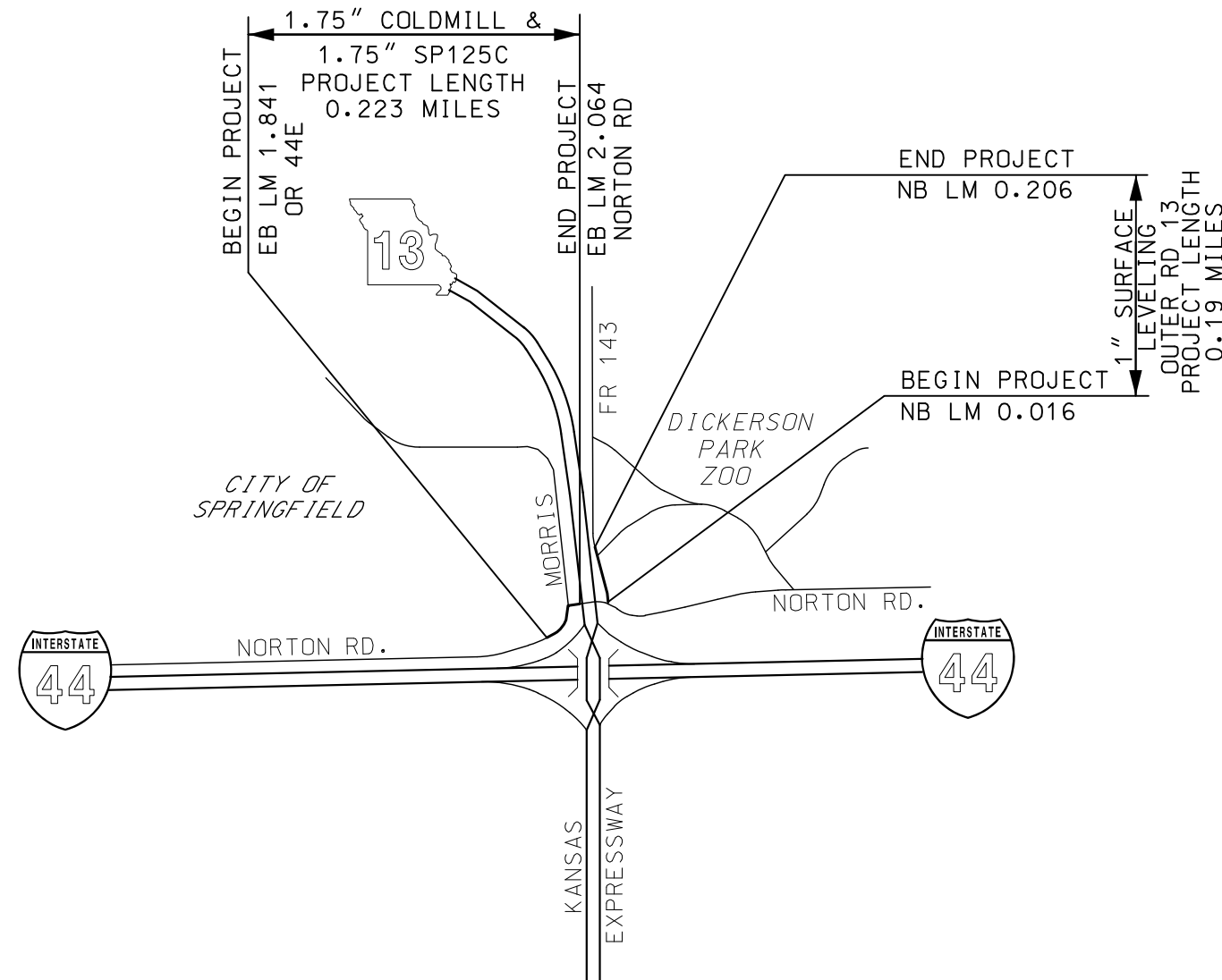
NO NEW R/W REQUIRED

BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	—FO—	—FO—
OVERHEAD CABLE TV	—OTV—	—OTV—
UNDERGROUND CABLE TV	—UTV—	—UTV—
OVERHEAD TELEPHONE	—OT—	—OT—
UNDERGROUND TELEPHONE	—UT—	—UT—
OVERHEAD POWER	—OE—	—OE—
UNDERGROUND POWER	—UE—	—UE—
SANITARY SEWER	—S—	—S—
STORM SEWER	—SS—	—SS—
GAS	—G—	—G—
WATER	—W—	—W—
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

GREENE COUNTY



NOT TO SCALE

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.

DESCRIPTION	NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (3 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-13

TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (3 SHEETS)---	2
QUANTITIES (QU) (4 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-13



DATE PREPARED
7/19/2021

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SW	1

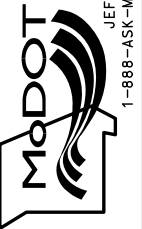
COUNTY
GREENE

JOB NO.
J8S3218

00000210
CONTRACT ID.

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)

LOG MILES FROM 2016 OR44 EB ARAN

BEGINNING OF PROJECT	LM	1.841
END OF PROJECT	LM	2.018

APPARENT LENGTH	0.177 MILES
-----------------	-------------

LOG MILES FROM 2016 NORTON EB ARAN	
BEGINNING OF PROJECT	LM 2.018
END OF PROJECT	LM 2.064

APPARENT LENGTH	0.046 MILES
-----------------	-------------

LOG MILES FROM 2016 OUTER 13 NB ARAN	
BEGINNING OF PROJECT	LM 0.016
END OF PROJECT	LM 0.206

APPARENT LENGTH	0.190 MILES
-----------------	-------------

NET LENGTH OF PROJECT	0.413	MILES
STATE LENGTH	0.413	MILES

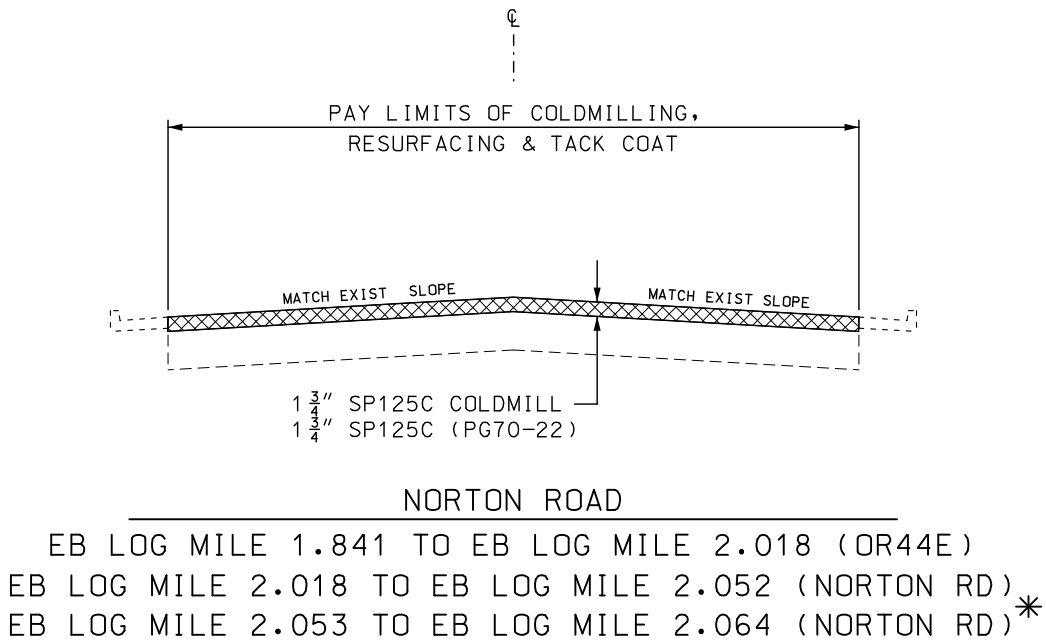
FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES

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

NOTE: NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT – ONE PASS PER LANE

NO S.E. CORRECTION



* JOINT REPAIR APPROX 63FT W/O JOINT AT PROJECT END
NOTED AS LM 2.052 TO 2.053, THE INTENT
IS TO STRADDLE FAILED CONC JOINT, 3FT EITHER SIDE AND
THE ENTIRE WIDTH FROM CURB TO CURB.
SEE DETAIL ON PLANSHEET

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP125C (PG70-22)	1.975 TONS/CY	5.2
SURFACE LEVEL	1.990 TONS/CY	5.4
TACK COAT		
OVERLAY		0.08 GAL/SY
MILLING		0.10 GAL/SY
PRIME MC800		
PERMANENT AGGREGATE		0.25 GAL/SY
EDGE TREATMENT		
IRREGULARITIES: 75 TONS/MI		

STATE OF MISSOURI

KRIST BACHMAN

NUMBER PE-2003014941

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

7/19/2021

ROUTE

VAR

STATE

MO

DISTRICT

SW

SHEET NO.

2

COUNTY

GREENE

JOB NO.

J8S3218

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

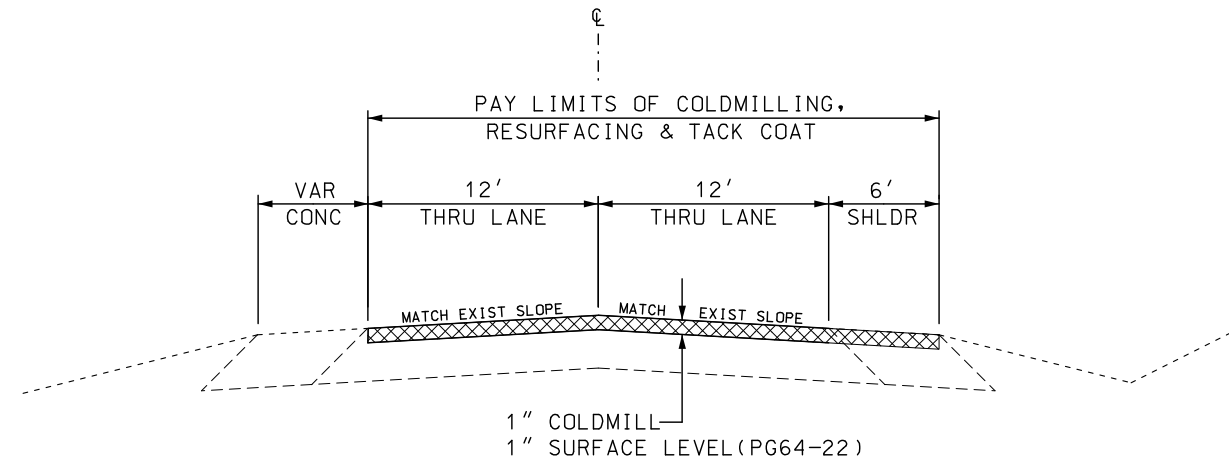
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

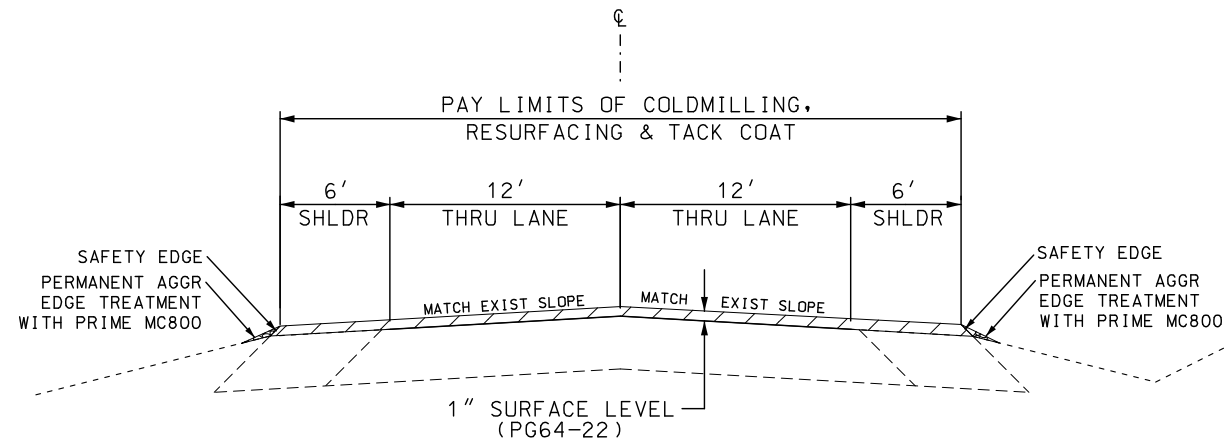
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

SURFACE PLACEMENT - ONE PASS PER LANE
NO S.E. CORRECTION

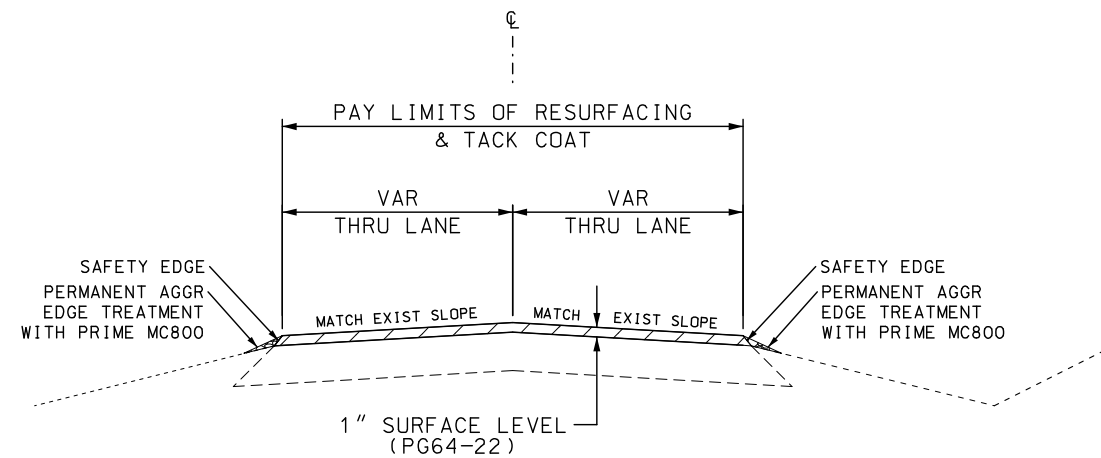


OUTER ROAD 13
LOG MILE 0.016 TO LOG MILE 0.024

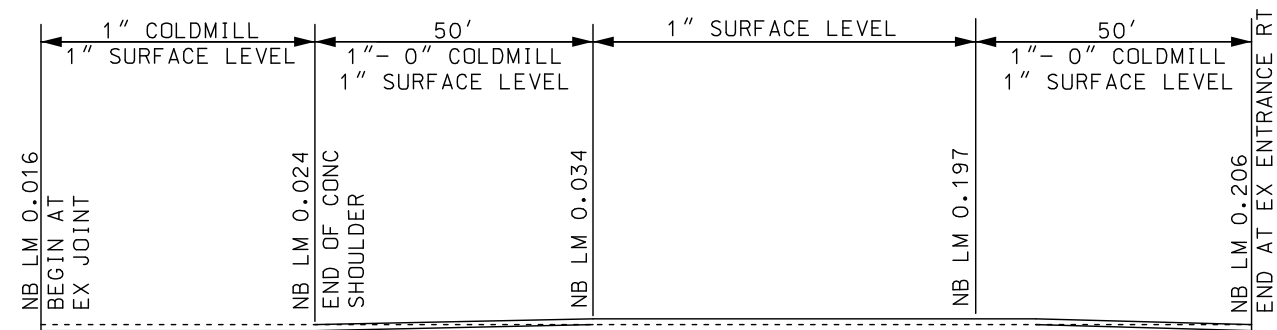


OUTER ROAD 13

LOG MILE 0.024 TO LOG MILE 0.084

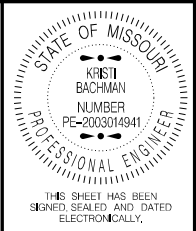


OUTER ROAD 13
LOG MILE 0.084 TO LOG MILE 0.206



OUTER ROAD 13
SURFACE DETAIL

ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SP125C (PG70-22)	1.975 TONS/CY	5.2
SURFACE LEVEL	1.990 TONS/CY	5.4
TACK COAT		
OVERLAY		0.08 GAL/SY
MILLING		0.10 GAL/SY
PRIME MC800		
PERMANENT AGGREGATE		0.25 GAL/SY
EDGE TREATMENT		
IRREGULARITIES: 75 TONS/MI		



DATE PREPARED
7/19/2021

ROUTE	STATE
-------	-------

VAR	MU
SIGDIGIT	SHEET NO.

DISTRICT: SW SHEET NO.: 2

COUNTY
GREENE


JOB NO.

J8S3218

CONTRACT ID.

PROJECT NO.

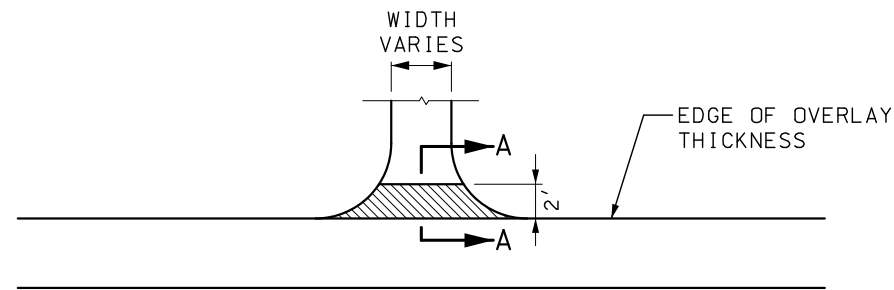
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

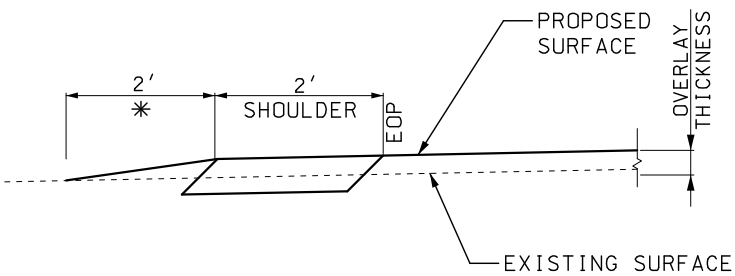
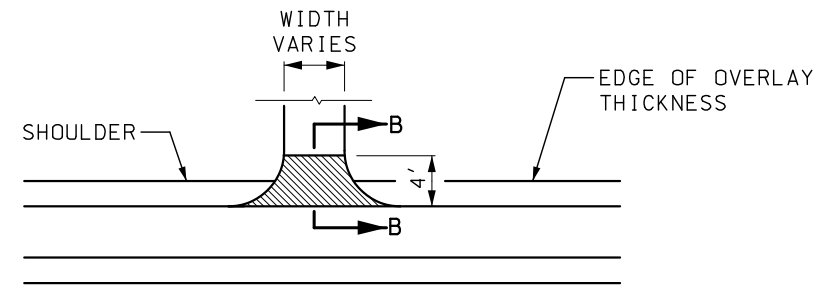
105 WEST CAPITOL
JEFFERSON CITY, MO. 65102
1-888-ASK-MODOT (1-888-275-6636)

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

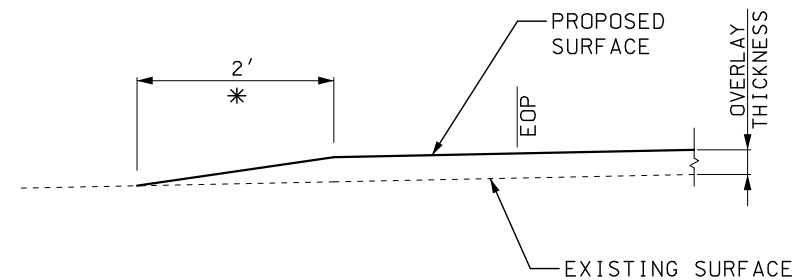


SECTION A-A
TYPICAL ENTRANCE – NO SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTE: 4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



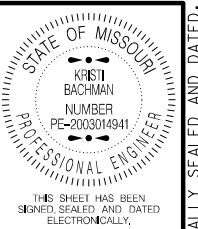
AGGREGATE & EARTH ENTRANCES



ASPHALT & CONCRETE ENTRANCES

SECTION B-B
TYPICAL ENTRANCE – EXIST/NEW SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

NOTES: DO NOT BUILD 2' MODIFIED A3 SHOULDERS
ACROSS CONCRETE OR ASPHALT ENTRANCES,
STREETS OR ROADS.
4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.
6 TONS CALCULATED PER COUNTY ROAD.



DATE PREPARED
7/19/2021
ROUTE
VAR
DISTRICT
SW
STATE
MO
SHEET NO.
2
COUNTY
GREENE
JOB NO.
J8S3218
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.

REMOVAL OF IMPROVEMENTS						
LOG MILE	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
NORTON						
2.052	2.053	LT&RT	CONC PAVT	SY	43	JOINT PAVT REPAIR
2.052	2.053	℄	MEDIAN STRIP	SY	3	6FT OF MEDIAN STRIP
OUTER ROAD 13						
0.016	0.064	RT	GUARDRAIL	LF	250	FROM CONC JOINT TO END
TOTAL 1 LUMP SUM						

COLDMILLING							
LOG MILE	LOG MILE	NET LENGTH LF	WIDTH LF	AREA SF	1" COLDMILL SY	1.75" COLDMILL SY	REMARKS
NORTON ROAD							
1.841	2.052	1114.1	VAR.	55239.0		6137.7	W/o Rte 13-West joint to Pav't Repair
2.052	2.053	5.3	VAR.			0.0	Pav't Repair Joint(Approx 63FT w/o End Project)
2.053	2.064	58.1	VAR.	3566.6		396.3	W/o Rte 13-West joint to RTE13 joint
OUTER ROAD 13							
0.016	0.024	43.0	32.0	1376.0	152.9		South joint up to end of conc shoulder
				TOTAL	152.9	6534.0	
				USE	6687		

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
LOG MILE	LOG MILE	NET LENGTH LF	WIDTH LF	AREA SF	SY	REMARKS
OUTER ROAD 13						
0.024	0.033	50.0	36.0	1800.0	200.0	End of Conc shoulder north 1" to 0"
0.197	0.206	50.0	23.0	1150.0	127.8	EX JOINT AT THE END OF PROJECT south 1" to 0"
				TOTAL	327.8	
				USE	328	

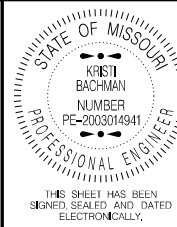
BITUMINOUS PAVEMENT									
LOG MILE	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	APPROACH AREA SF	1" SURFACE LEVEL 1.990 TONS/CY TONS*	1.75" SP125C 1.975 TONS/CY TONS	TACK 0.08 GAL/SY GAL	TACK 0.1 GAL/SY GAL	REMARKS
NORTON ROAD									
1.841	2.052	1114.1	VAR.	55239.0		589.3		613.8	W/o Rte 13-West joint to Pav't Repair
2.052	2.053	5.3							Pav't Repair Joint(Approx 63FT w/o End Project)
2.053	2.064	58.1	VAR.	3566.6		38.0		39.6	W/o Rte 13-West joint to RTE13 joint
OUTER ROAD 13									
0.016	0.024	43.0	32.0	1376.0	8.5			15.3	South joint to END CONC SHLDR
0.024	0.034	50.0	36.0	1800.0	11.3			20.0	CONC SHLDR TO END OF PAVED SHOULDER
0.034	0.084	263.2	36.0	9475.5	59.4		84.2		CONC SHLDR TO END OF PAVED SHOULDER
0.084	0.197	595.2	23.0	13689.6	85.8		121.7		PAVED SHLDR TO North Joint
0.197	0.206	50.0	23.0	1150.0	7.2			12.8	PAVED SHLDR TO North Joint
IRREGULARITIES AND ENTRANCES									
1.841	2.064	1177.4				16.7			IRREGULARITIES @ 75 TONS/ MILE
0.016	0.206	1003.2			14.3				IRREGULARITIES @ 75 TONS/ MILE
0.016	0.206	661.0			0.6		1.7		ENTRANCES
TOTALS					187.1	644.0	207.7	701.5	* SAFETY EDGE INCLUDED IN QUANTITY
USE					187.1	644.0	909		
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.									

GRAVEL (A) OR CRUSHED STONE (B)
10 TONS

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 4



DATE PREPARED 7/20/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8S3218	
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.

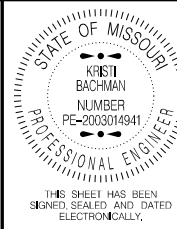
PERMANENT AGGREGATE EDGE TREATMENT					
LOG MILE	LOG MILE	LENGTH MILES	AGGREGATE 200 TON/MILE TON	PRIME MC800 590 GAL/MILE GAL	REMARKS
OUTER ROAD 13					
0.024	0.206	0.182	36.4	107.4	South joint to North Joint
TOTALS			36.4	107.4	
USE			37	108	

MGS GUARDRAIL								
LOG	LOG	LOC	NET LENGTH LF	MGS RAIL 8ft+ POSTS LF	MASH CWT EACH	MGS HEIGHT & BLOCK TRANSITION EACH	SHAPING SLOPES CLIII 100 FT	REMARKS
OUTER ROAD 13								
0.016	0.082	RT	350.0	275.0	1	1	3.8	From Height Transition to CWT
TOTALS				275	1	1	4	

FULL DEPTH PAVEMENT REPAIR											
BEGIN LOG	END LOG	LOCATION	WIDTH	LENGTH	AREA SF	FULL DEPTH PAVEMENT REPAIR SAW CUT (PERIMETER AND INTERNAL) LF	DOWEL BAR DRILLING FURNISHING AND INSTALLATION FOR FULL DEPTH PAVEMENT REPAIR EA	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR SY	4" TYPE 1 OR 5 AGGREGATE BASE (PAVEMENT REPAIR) SY	6"SUBGRADE COMPACTION (PAVEMENT REPAIR) SY	REMARKS
2.052	2.053	NORTON	65	6	390	142	105	43.4	43.4	43.4	JOINT APPROX 63FT W/O END PROJECT JOINT
TOTALS						142	105	43.4	43	43	

CONCRETE MEDIAN STRIP							
LOG MILE	LOG MILE	LOCATION	WIDTH	LENGTH	AREA	8 INCH	REMARKS
			LF	LF	SF	SY	
NORTON							
2.052	2.053	NORTON C	4	6	24	2.7	CONSTRUCTED OVER PAV'T REPAIR
TOTAL						3	

LOOP DETECTOR, IN DUCT			
LOG MILE	LOCATION	LOOP DETECTOR, IN DUCT LF	REMARKS
NORTON ROAD			
2.007	NB LEFT	343	6 X 30
2.009	NB THRU	204	6 X 20
2.021	WB THRU	200	6 X 20
2.025	WB LEFT	358	6 X 30
MORRIS AVE			
2.026	SB THRU/RT	205	6 X 20
2.028	SB LEFT	336	6 X 30
TOTAL		1646	UNDERRUN CABLE, LOOP DETECTORS, IN DUCT
USE		1650	IF NOT DAMAGED BY CONTRACTOR OPERATIONS.



DATE PREPARED
7/20/2021

ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3

COUNTY
GREENE

JOB NO.
J8S3218

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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DATE PREPARED 7/19/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 3

COUNTY
GREENE
JOB NO.
J8S3218
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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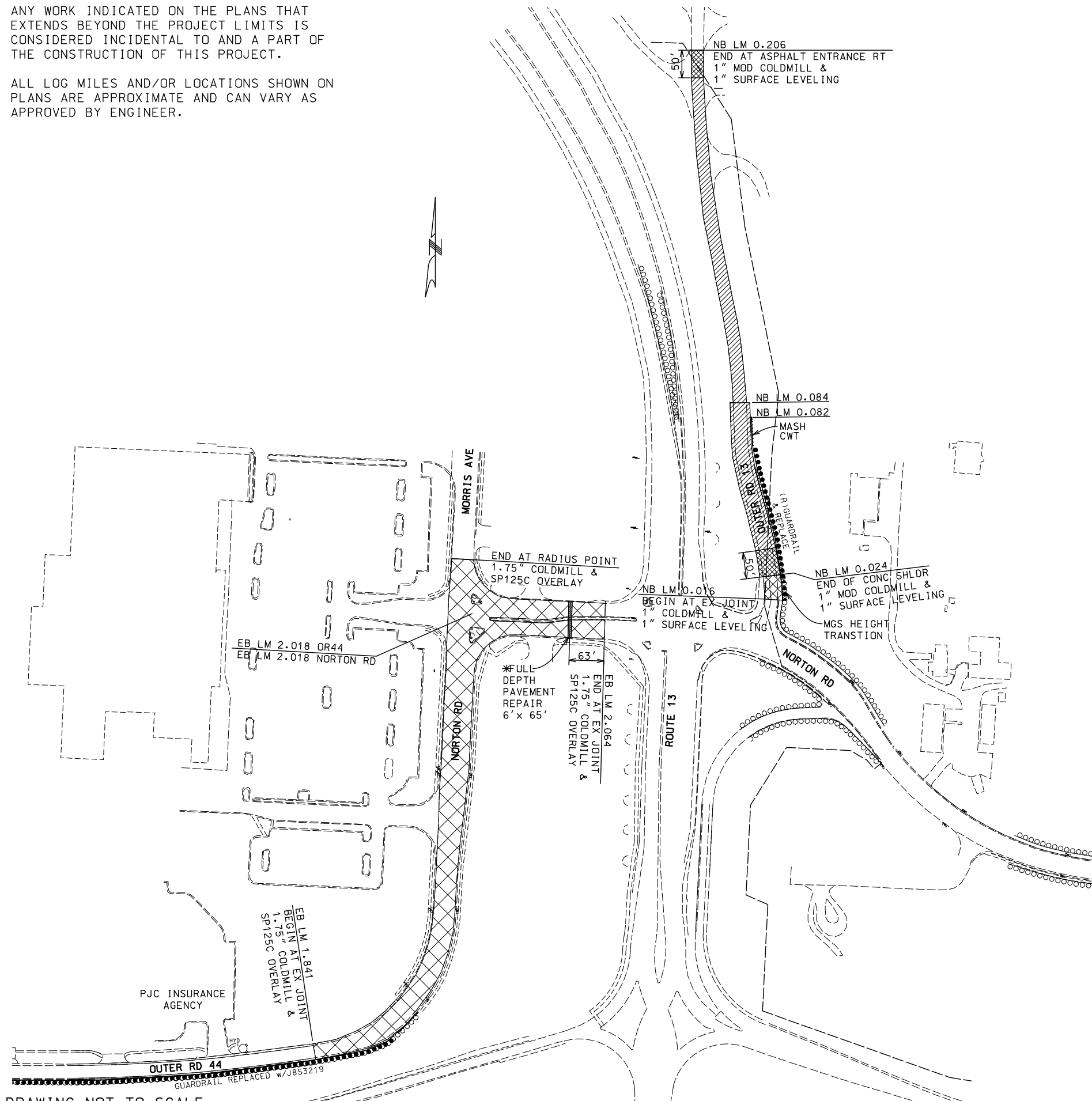
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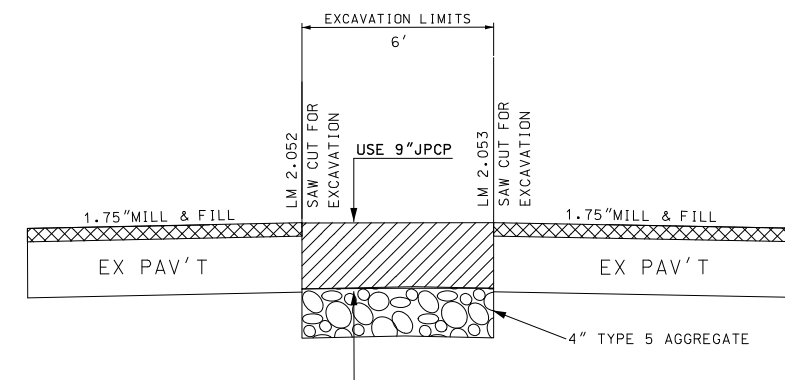
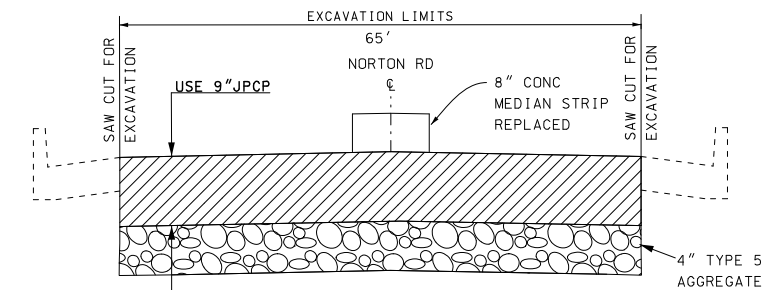
ALL LOG MILES AND/OR LOCATIONS SHOWN ON
PLANS ARE APPROXIMATE AND CAN VARY AS
APPROVED BY ENGINEER.



DRAWING NOT TO SCALE

 1" SURFACE LEVEL

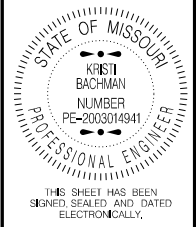
LOCATION:
JOINT REPAIR APPROX 63FT W/O JOINT AT PROJECT END
NOTED AS LM 2.052 TO 2.053, THE INTENT
IS TO STRADDLE FAILED CONC JOINT, 3FT EITHER SIDE AND
THE ENTIRE WIDTH FROM CURB TO CURB.



EXISTING PAVEMENT REPAIR DETAIL
DRAWING NOT TO SCALE

* FULL DEPTH PAVEMENT REPAIR REQUIRES MEDIAN STRIP
REMOVAL & REPLACEMENT

SPECIAL SHEET
SHEET 1 OF 2



DATE PREPARED
7/19/2021

ROUTE	STATE
VAR	MO

DISTRICT	SHEET NO.
SW	4

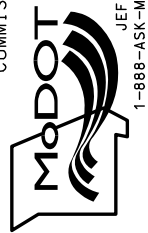
COUNTY
GREENE

JOB NO.
18S3218

00000210
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

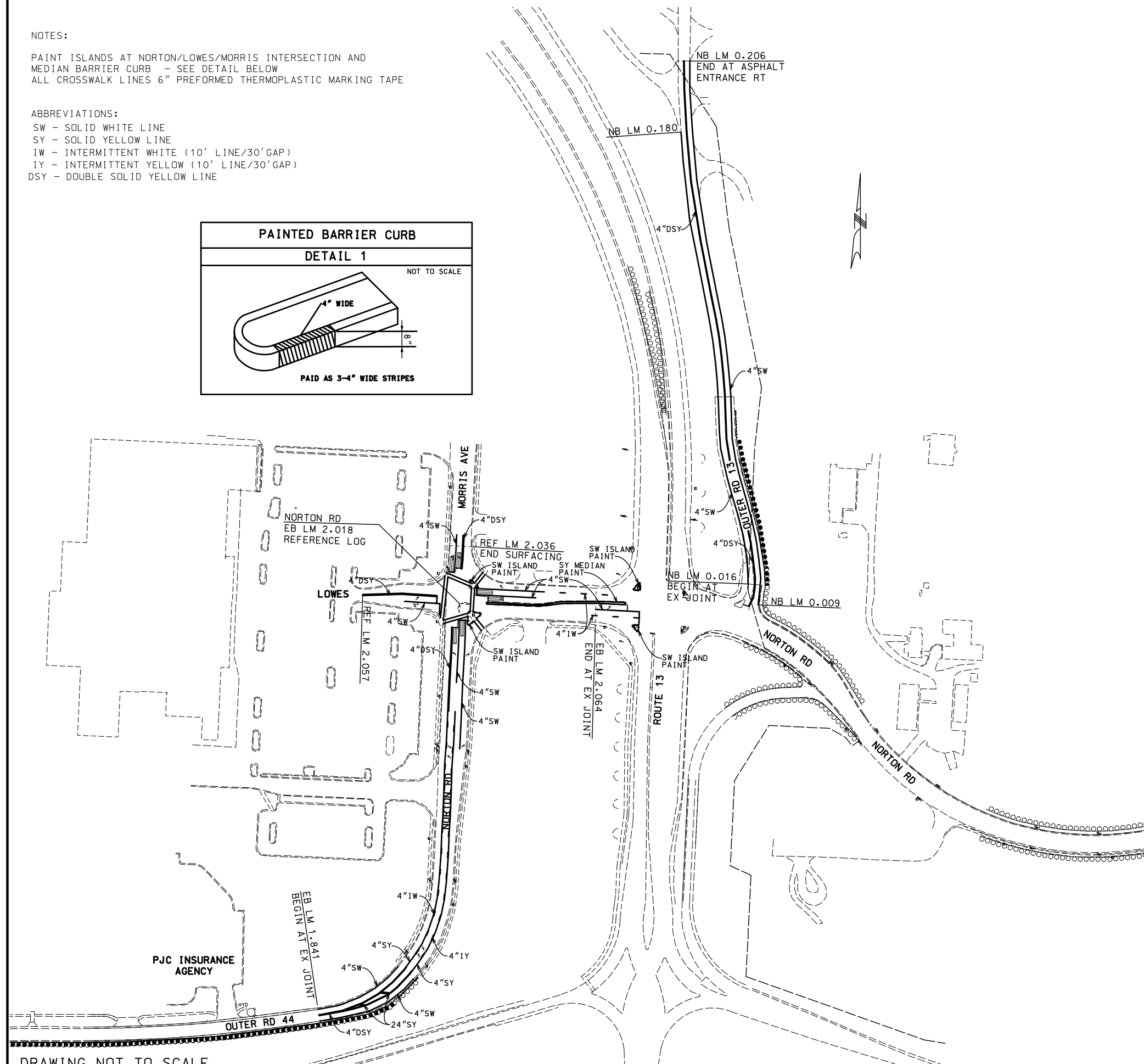
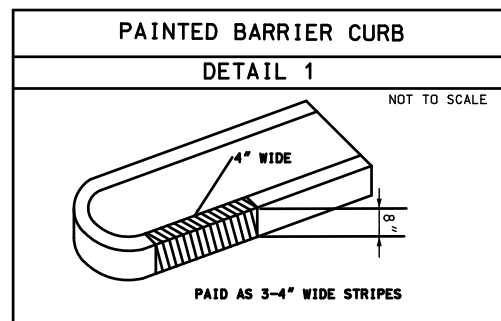
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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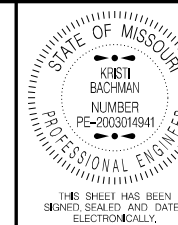
PAINT ISLANDS AT NORTON/LOWES/MORRIS INTERSECTION AND
MEDIAN BARRIER CURB - SEE DETAIL BELOW
ALL CROSSWALK LINES 6" PREFORMED THERMOPLASTIC MARKING TAPE

SW - SOLID WHITE LINE
SY - SOLID YELLOW LINE
IW - INTERMITTENT WHITE (10' LINE/30' GAP)
IY - INTERMITTENT YELLOW (10' LINE/30' GAP)
DSY - DOUBLE SOLID YELLOW LINE



DRAWING NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 2



DATE PREPARED 7/19/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 5

COUNTY	GREENE
JOB NO.	J8S3218
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.

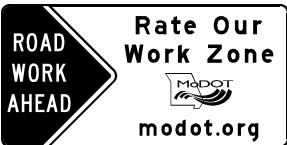
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

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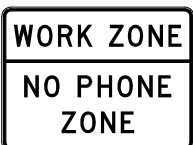
GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
15. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
16. CONTRACTOR SHALL COORDINATE WITH ADA PROJECT J8S3179.



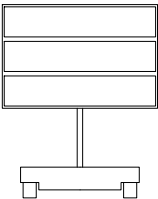
CONST-7-48 (2)

(56)



CONST-8-48 (3)

(59)



CMS (4)

NIGHTTIME WORKING HOURS
9 PM TO 6 AM



WORK AREA



W020-1



(2A)*

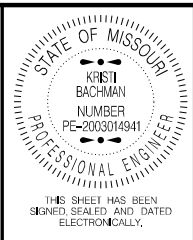
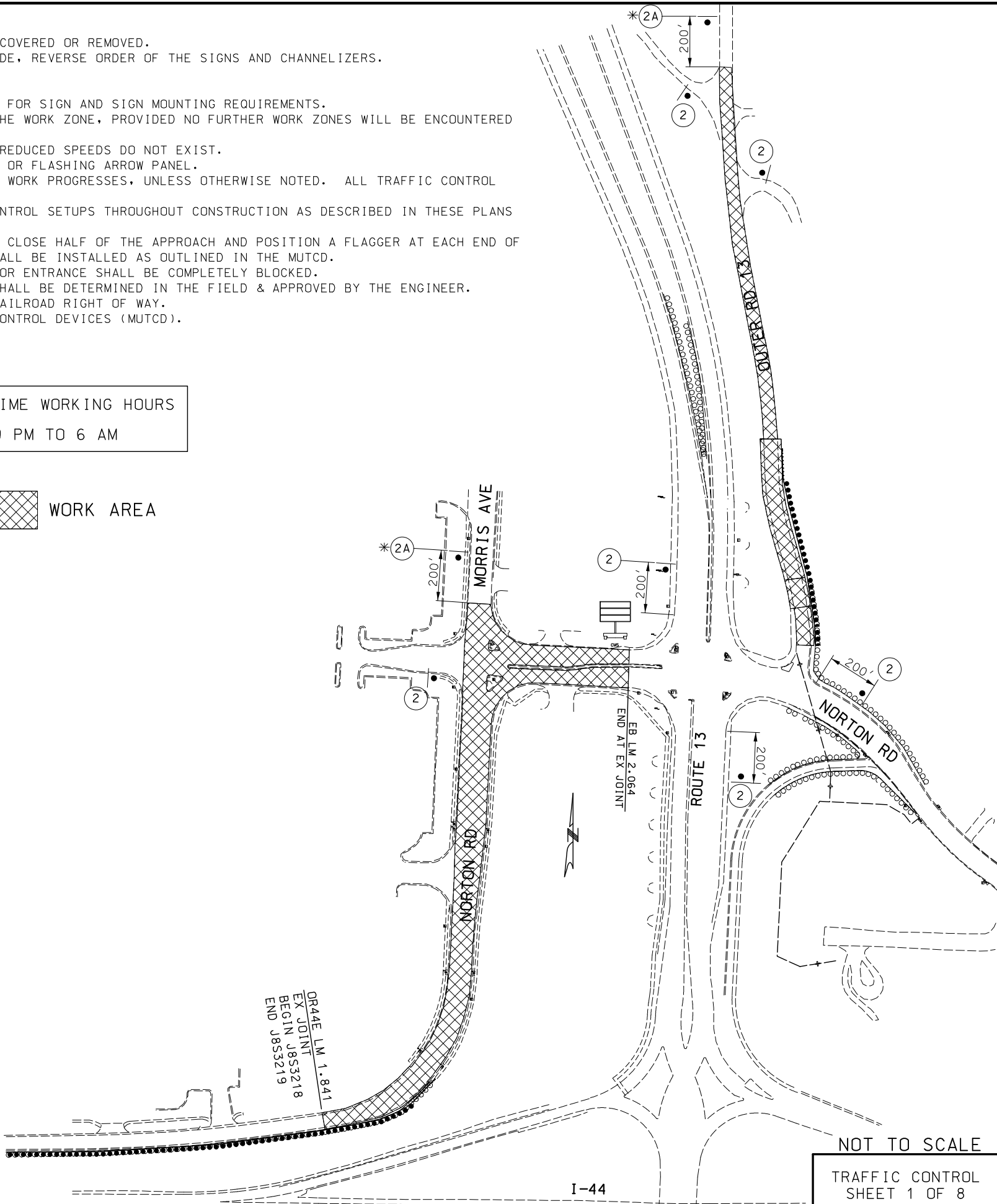


W020-1

(2)

* SIGN (2A) WITH AWRS MUST HAVE
A FLAG ASSEMBLY AND BE GROUND
OR SKID MOUNTED

- (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 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN OR WORK ZONE NO PONE ZONE SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (4) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



DATE PREPARED 7/19/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY GREENE	
JOB NO. J8S3218	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

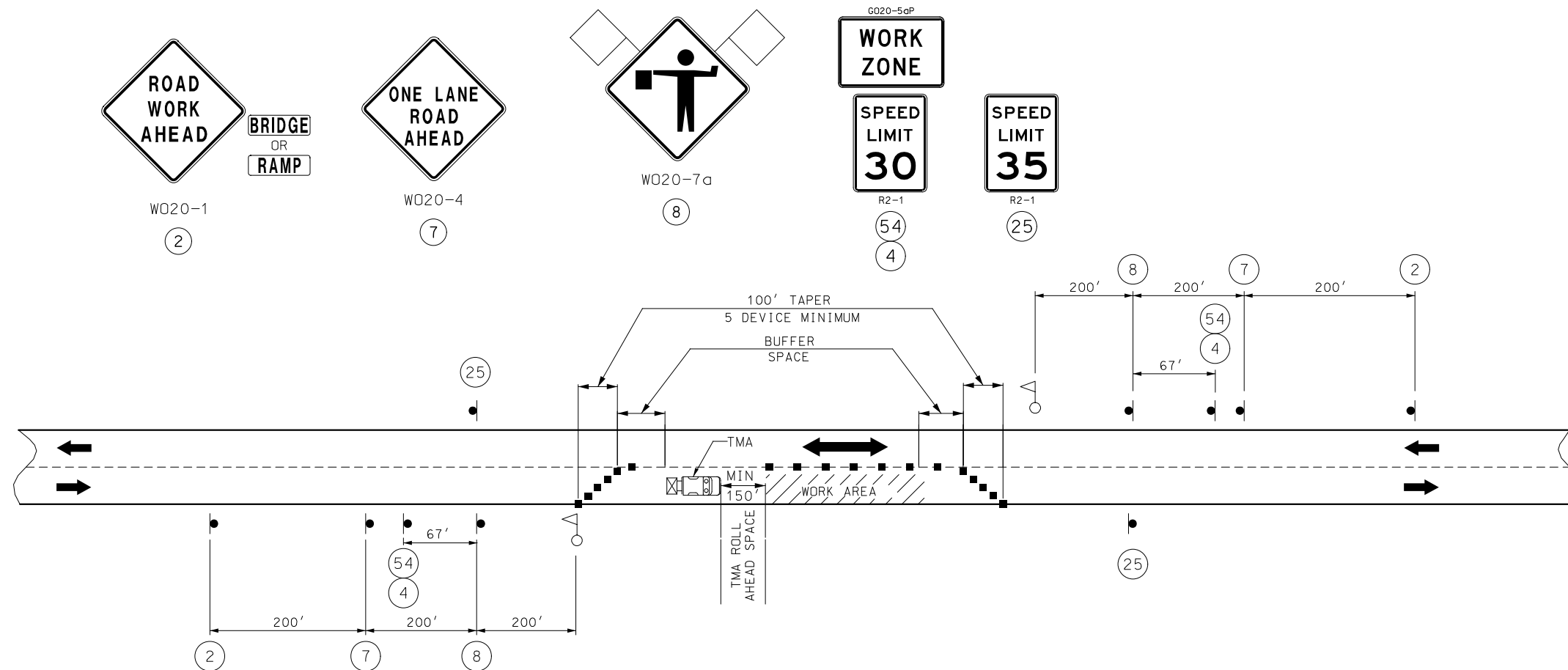
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MODOT

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.



NOTES:

IF A FLASHING ARROW PANEL IS USED ON TMA, THE CAUTION MODE SHALL BE USED.

VEHICLE HARARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE ROTATING LIGHTS OR STROBE LIGHTS.

AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.

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.

FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER SPACE LENGTH (FT)	TAPER LENGTH, FT	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/ WORK AREAS		SHOULDER	LANE
0-35	200	200	35	40	280	70	245
40-45	350	500	40	80	400	150	540
50-55	500	1000	50	80	560	185	660
60-70	1000	SA-1000 SB-1500 SC-2640	60	120	840	235	840

NOTES:

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

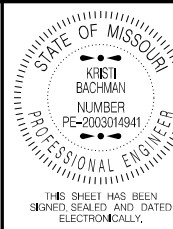
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

- - CHANNELIZERS
- ◁ - FLAGGER
- 🚚 -TRUCK MOUNTED ATTENUATOR (TMA)

LANE CLOSURE USING FLAGGERS
(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 8



DATE PREPARED 7/19/2021	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 7
COUNTY GREENE	
JOB NO. J8S3218	
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.

SIDE ROADS ENTERING WORK ZONES

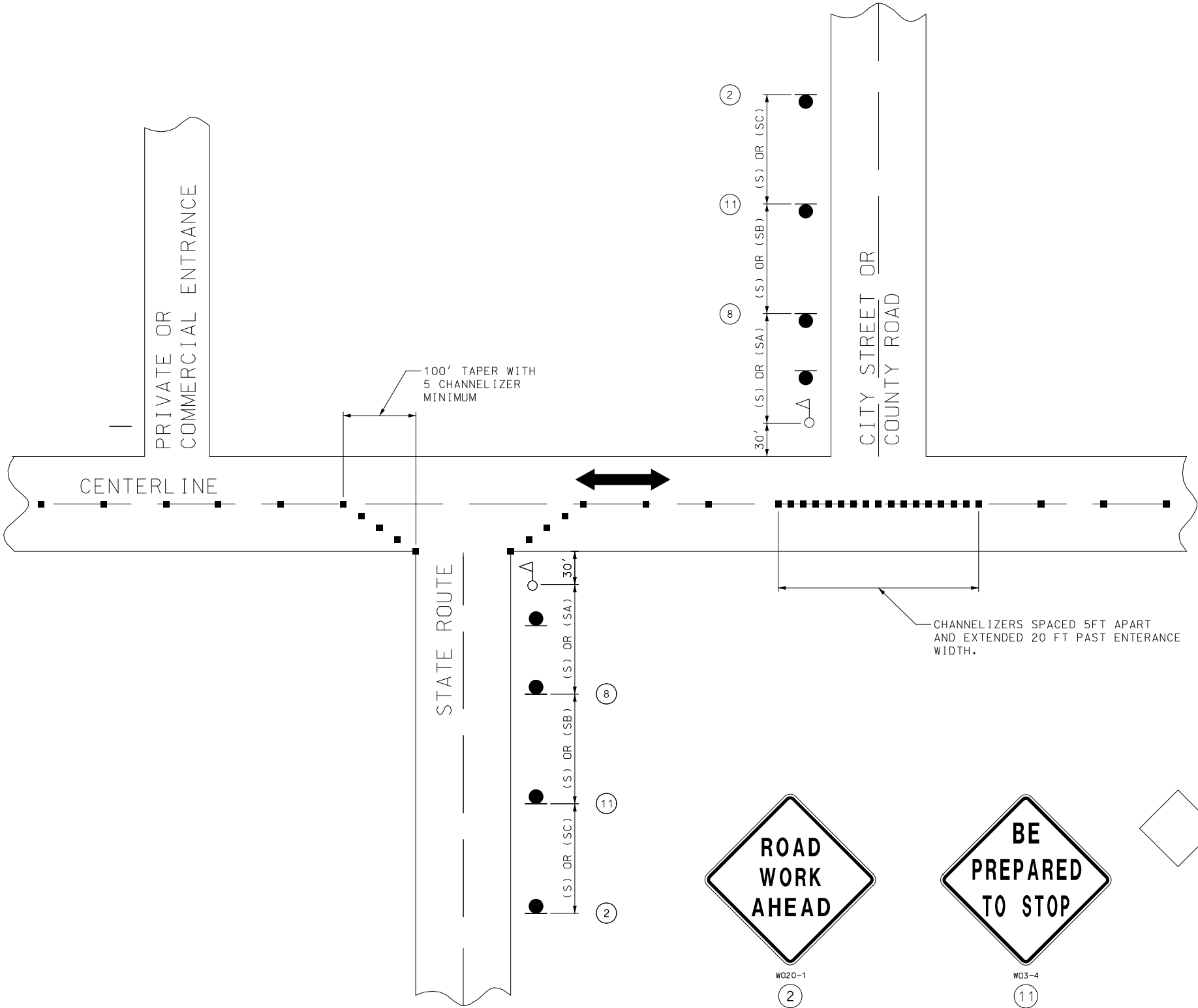
SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

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.

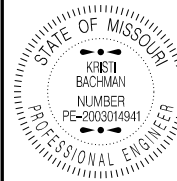
ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER
INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY
THE ENGINEER.

- - CHANNELIZERS
- ◡ - FLAGGER



NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 8



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
7/19/2021

ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 8

COUNTY
GREENE

JOB NO.
J8S3218

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGNS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF), THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



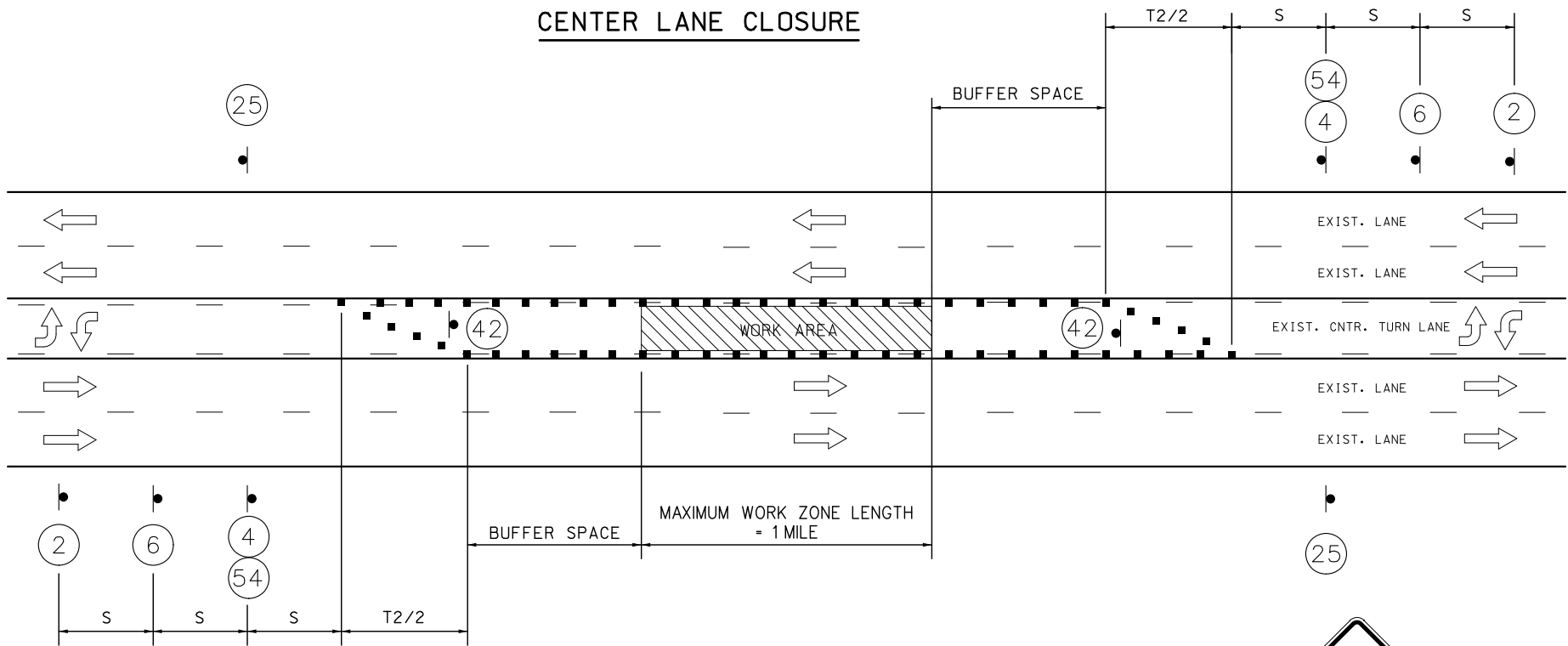
(*) BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.



FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN 50 TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN 50 AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

TRAFFIC CONTROL
SHEET 4 OF 8

CENTER LANE CLOSURE



NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES. NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE" AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. (SEE JSP'S)

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

ADVANCE WARNING SIGN MINIMUM SPACING		
SPEED LIMIT ¹ , MPH	SIGN SPACING ² , FT (S)	
	UNDIVIDED HIGHWAY	DIVIDED HIGHWAY
0-35	200 ³	200 ³
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

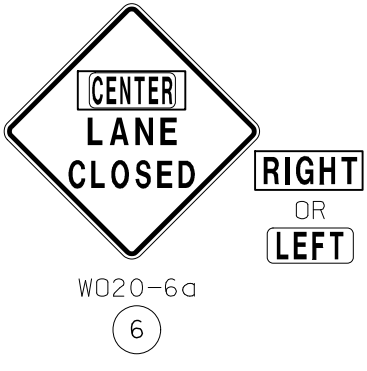
TAPER LENGTH AND SPACING					
SPEED LIMIT ¹ , MPH	TAPER LENGTH ² , FT		CHANNELIZING SPACING ³ , FT		BUFFER LENGTH, FT
	SHOULDER ⁴ (T1)	LANE ⁵ (T2)	TAPERS	BUFFER/WORK AREA	
0-35	70	245	35 ⁶	40 ⁶	280
40-45	150	540	40 ⁶	80 ⁶	400
50-55	185	660	50 ⁷	80 ⁷	560
60-70	235	840	60 ⁷	120 ⁷	840

¹POSTED SPEED LIMIT.
²SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.
³FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IS 100 FT.

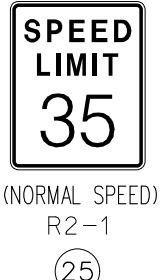
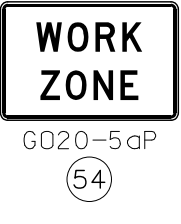
¹POSTED SPEED LIMIT.
²TAPER LENGTHS MAY BE ADJUSTED.
³SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.
⁴BASED ON 10 FT SHOULDER WIDTH.
⁵BASED ON 12 FT LANE WIDTH.
⁶SPACING REDUCED TO 1/2 AT INTERSECTIONS.
⁷SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.



BRIDGE
OR
RAMP



RIGHT
OR
LEFT

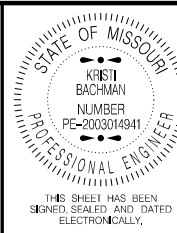


NOT TO SCALE

TRAFFIC CONTROL
SHEET 6 OF 8

LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CHANNELIZER (TRIM-LINE)
- ⋯ FLASHING ARROW PANEL
- OPTIONAL - ATTENUATOR TRUCK WITH FLASHING ARROW PANEL IN CAUTION MODE W/ 150' ROLL AHEAD SPACE
- ▲ DIRECTIONAL BARRICADE
- E TYPE 3 MOVEABLE BARRICADE



DATE PREPARED
7/19/2021

ROUTE
VAR

STATE
MO

DISTRICT
SW

SHEET NO.
11

COUNTY
GREENE

JOB NO.
J8S3218

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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



FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY
NEED TO BE MADE TO SIGNAL PHASING, TIMING,
INDICATIONS OR DETECTOR SETTINGS.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

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 MARKING. ALL OTHER SPACINGS ARE ONE HALF OF THE SPACING SHOWN IN TABLE.

- (1) SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (2) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS ROOM.

LEGEND

	SIGN (SINGLE SIDED)
	SIGN (DOUBLE SIDED)
	FLAGGER
	CHANNELIZER (TRIM-LINE)
	FLASHING ARROW PANEL
	OPTIONAL - ATTENUATOR TRUCK WITH FLASHING ARROW PANEL IN CAUTION MODE W/ 150' ROLL AHEAD SPACE
	DIRECTIONAL BARRICADE
	TYPE 3 MOVEABLE BARRICADE

TAPER LENGTH AND SPACING					
SPEED LIMIT, MPH	TAPER LENGTH, ² FT		CHANNELIZING SPACING, ³ FT		BUFFER LENGTH, FT
	SHOULDER ⁴ (T1)	LANE ⁵ (T2)	TAPERS	BUFFER/ WORK AREA	
0-35	70	245	35 ⁶	40 ⁶	280

³SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.

⁵BASED ON 12 FT LANE WIDTH.

⁶SPACING REDUCED TO 1/2 AT

TRAFFIC CONTROL
SHEET 7 OF 8

WAYS AND TRANSPORTATION
COMMISSION

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

[illegible]

DESIGN DESIGNATION

A.A.D.T. - 2020 = 1124
V = 35/55 M.P.H.

NO NEW R/W REQUIRED

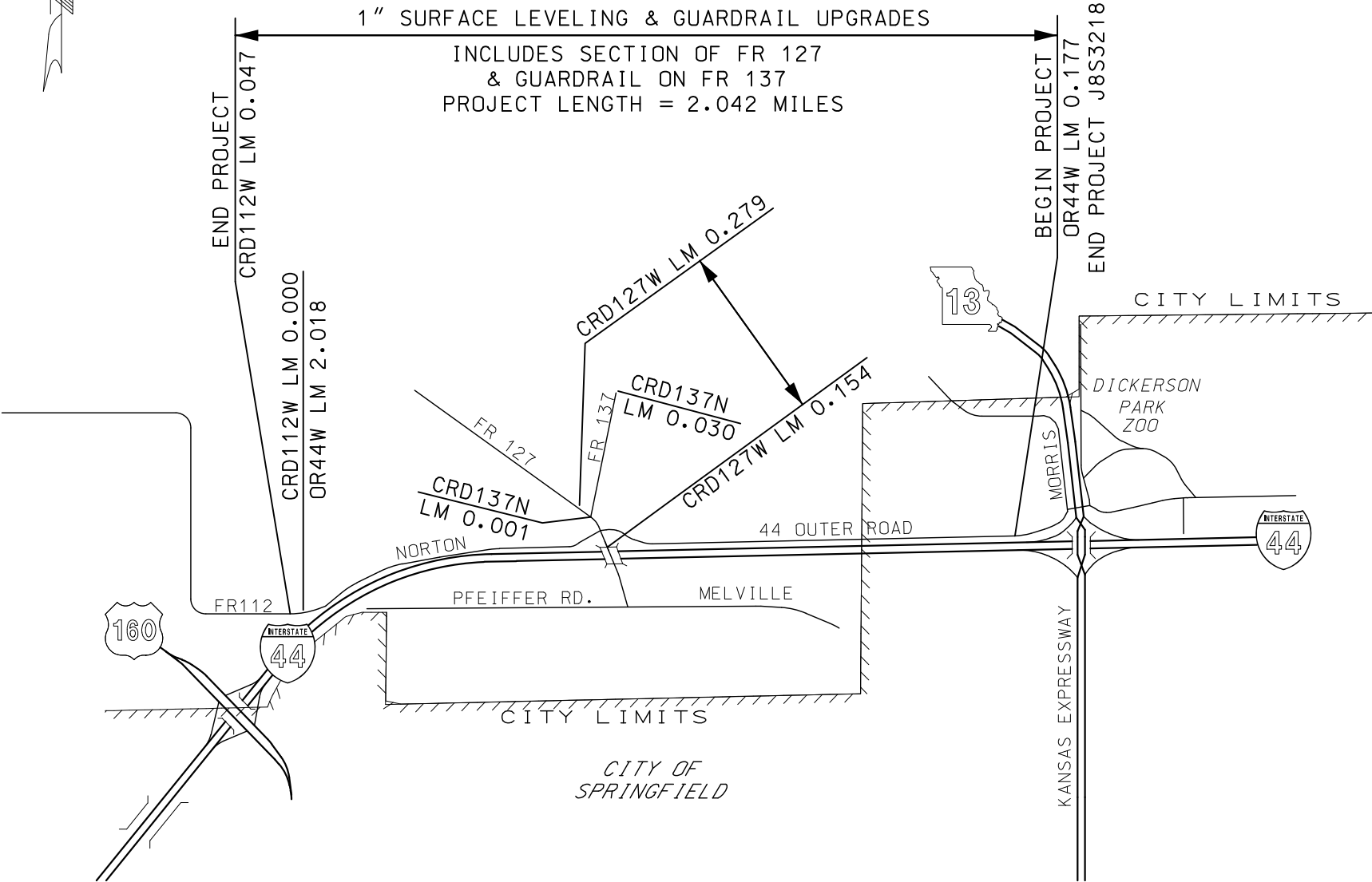
CONVENTIONAL SYMBOLS
(USED IN PLANS)

EXISTING	NEW
BUILDINGS AND STRUCTURES	
GUARD RAIL	
GUARD CABLE	
CONCRETE RIGHT-OF-WAY MARKER	
STEEL RIGHT-OF-WAY MARKER	
LOCATION SURVEY MARKER	
UTILITIES	
FIBER OPTICS	-FO-
OVERHEAD CABLE TV	-OTV-
UNDERGROUND CABLE TV	-UTV-
OVERHEAD TELEPHONE	-OT-
UNDERGROUND TELEPHONE	-UT-
OVERHEAD POWER	-OE-
UNDERGROUND POWER	-UE-
SANITARY SEWER	-S-
STORM SEWER	-SS-
GAS	-G-
WATER	-W-
MANHOLE	SAN ⊕
FIRE HYDRANT	HYD ⊕
WATER VALVE	WV ⊕
WATER METER	WM ⊕
DROP INLET	DI ⊕
DITCH BLOCK	
GROUND MOUNTED SIGN	SIGN ⊕
LIGHT POLE	
H-FRAME POWER POLE	
TELEPHONE PEDESTAL	PED ⊕
FENCE	
CHAIN LINK	—V—
WOVEN WIRE	—X—
GATE POST	⊗
BENCHMARK	BM ⊗

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

GREENE COUNTY



NOT TO SCALE

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) (4 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEETS (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-10



DATE PREPARED 7/20/2021	STATE MO
ROUTE OR44	DISTRICT SW
JOB NO. J8S3219	SHEET NO. 1
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

LENGTH OF PROJECT
OR44W

BEGINNING OF PROJECT	LM 0.177
END OF OR44W	LM 2.018
APPARENT LENGTH	9720.48 FEET

CRD112W

BEGINNING OF CRD112W	LM 0.000
END OF PROJECT	LM 0.047
APPARENT LENGTH	248.16 FEET

CRD127W

BEGINNING OF PROJECT	LM 0.154
END OF PROJECT	LM 0.279
APPARENT LENGTH	660.00 FEET

CRD137N

BEGINNING OF PROJECT	LM 0.001
END OF PROJECT	LM 0.030
APPARENT LENGTH	153.12 FEET

NET LENGTH OF PROJECT	10781.76 FEET
STATE LENGTH	2.042 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES

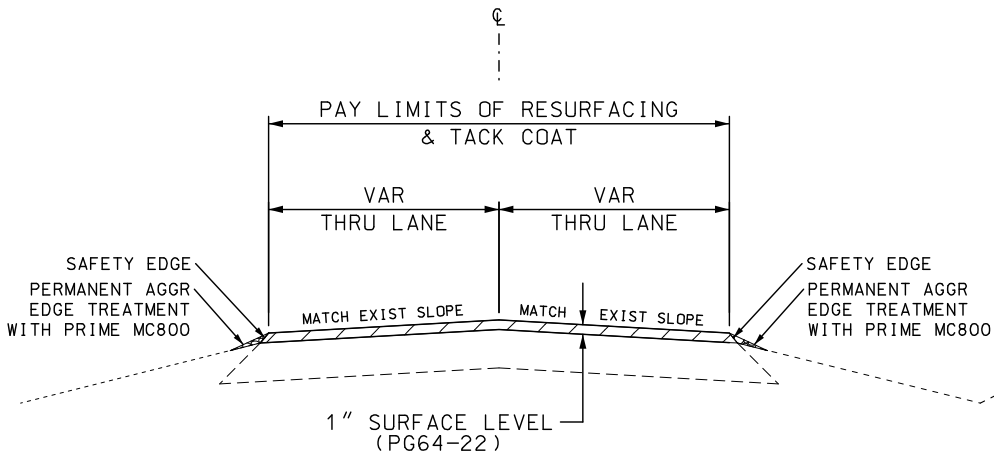
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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: NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL COLDMILLING (UP TO 3") REQUIRED TO REMOVE ENTIRE TOP LIFT DUE TO DELAMINATION. THIS APPLIES TO ENTIRE PROJECT LIMITS.

SURFACE PLACEMENT – ONE PASS PER LANE
NO S.E. CORRECTION

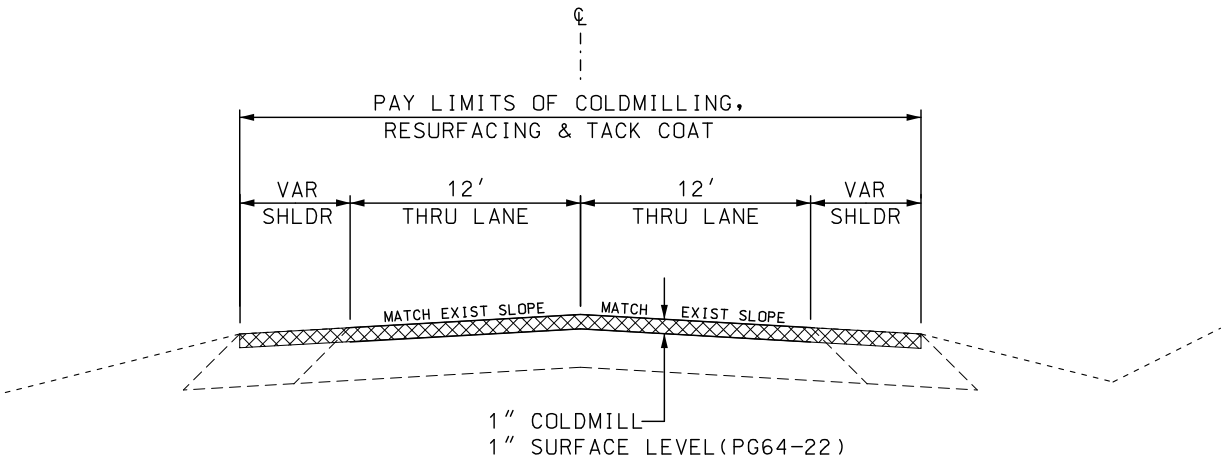


ASPHALT FACTORS		
	COMBINED FACTOR	% AC
SURFACE LEVEL	1.990 TONS/CY	5.4
TACK COAT		
OVERLAY	0.08 GAL/SY	
MILLING	0.10 GAL/SY	
PRIME MC800		
PERMANENT AGGREGATE	0.25 GAL/SY	
EDGE TREATMENT		
IRREGULARITIES: 75 TONS/MI		

ROUTE 44 OUTER ROAD (NORTON ROAD)
WB LOG MILE 0.177 TO WB LOG MILE 1.248 (OR44W) EX JOINT EAST END TO FR 127
WB LOG MILE 1.271 TO WB LOG MILE 2.018 (OR44W) FR 127 TO FR112 LOG MILES WEST END

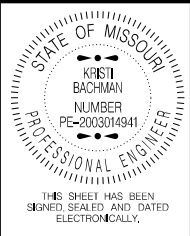
FARM ROAD 112
LOG MILE 0.000 TO LOG MILE 0.047 END OF OR44W LOG MILES TO TO EX JOINT WEST END

FARM ROAD 127
LOG MILE 0.190 TO LOG MILE 0.279



OUTER ROAD 44/FARM ROAD 127
LOG MILE 1.248 TO LOG MILE 1.271 OR44
LOG MILE 0.154 TO LOG MILE 0.190 FR127


SURFACE PLACEMENT – ONE PASS PER LANE
NO S.E. CORRECTION



DATE PREPARED 7/20/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3219	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

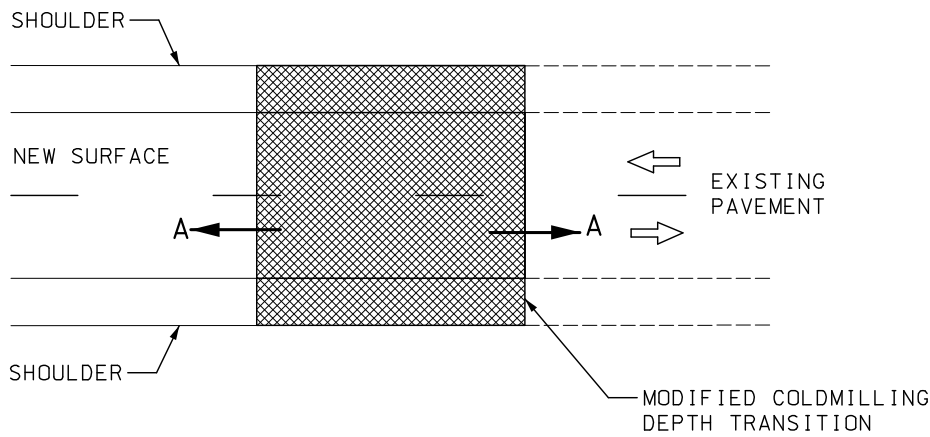
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

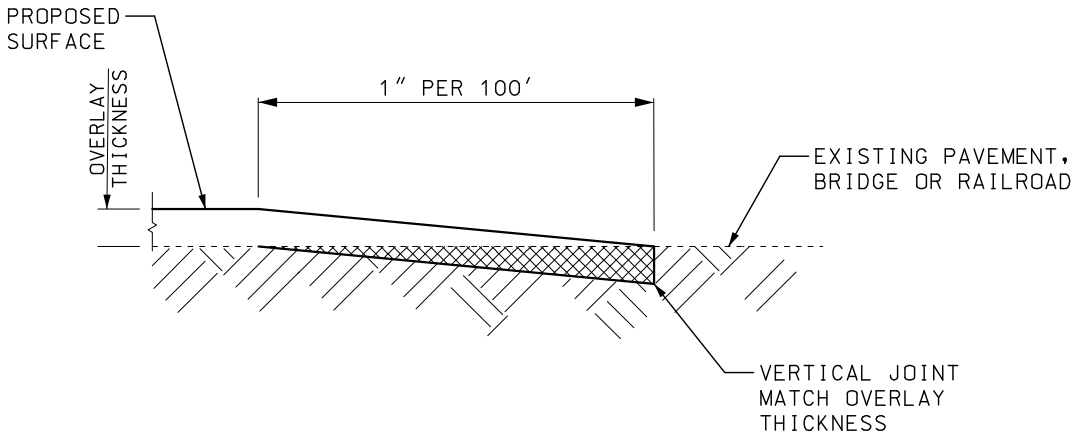


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



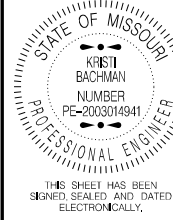
MAINLINE, BRIDGE AND RAILROAD PLAN



SECTION A-A

TRANSVERSE JOINT TRANSITION FOR SINGLE LIFT
PROJECT BEGINNING, END, BRIDGE, OR RAILROAD

NOTE: MILL EXISTING CONCRETE 1" MAXIMUM.




DATE PREPARED 7/20/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3219	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

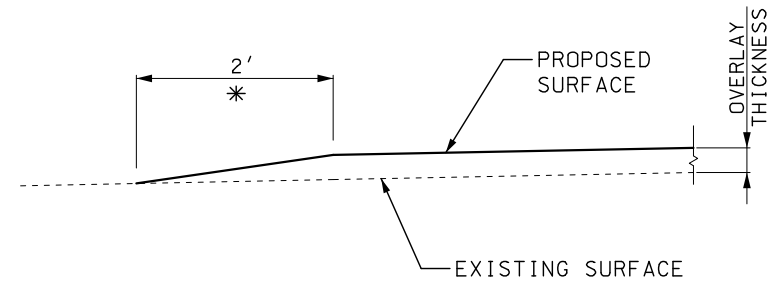
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



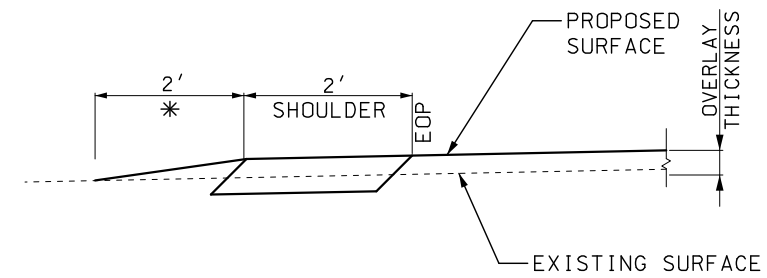
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NOTE: 4 TONS GRAVEL A OR CRUSHED STONE B
CALCULATED PER ENTRANCE.

6 TONS CALCULATED PER COUNTY ROAD.



The diagram illustrates a cross-section of a road surface. A dashed line represents the 'EXISTING SURFACE'. A solid line represents the 'PROPOSED SURFACE'. The proposed surface starts at the existing surface level and rises over a horizontal distance of 2' (marked with a double-headed arrow and '2''). This 2' zone is marked with an asterisk (*). The proposed surface then continues horizontally at a constant elevation. The point where the proposed surface becomes horizontal is labeled 'EOP' (End of Profile). At the far right, the vertical distance between the existing and proposed surfaces is labeled 'OVERLAY THICKNESS'.

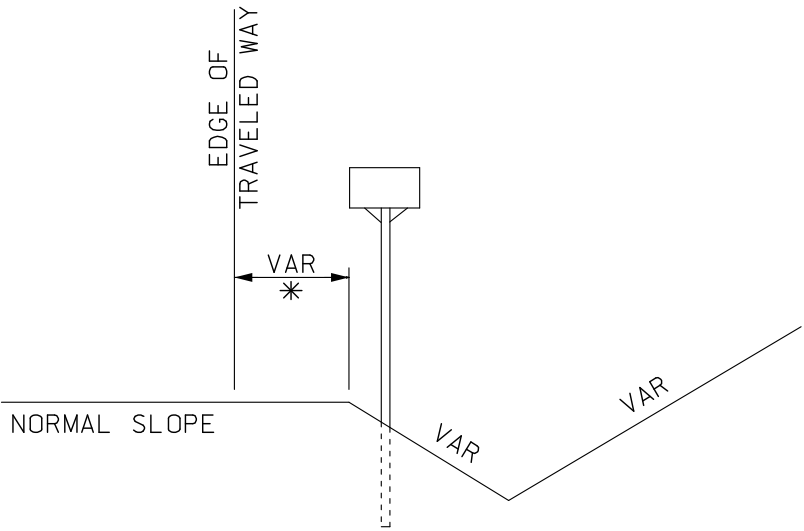
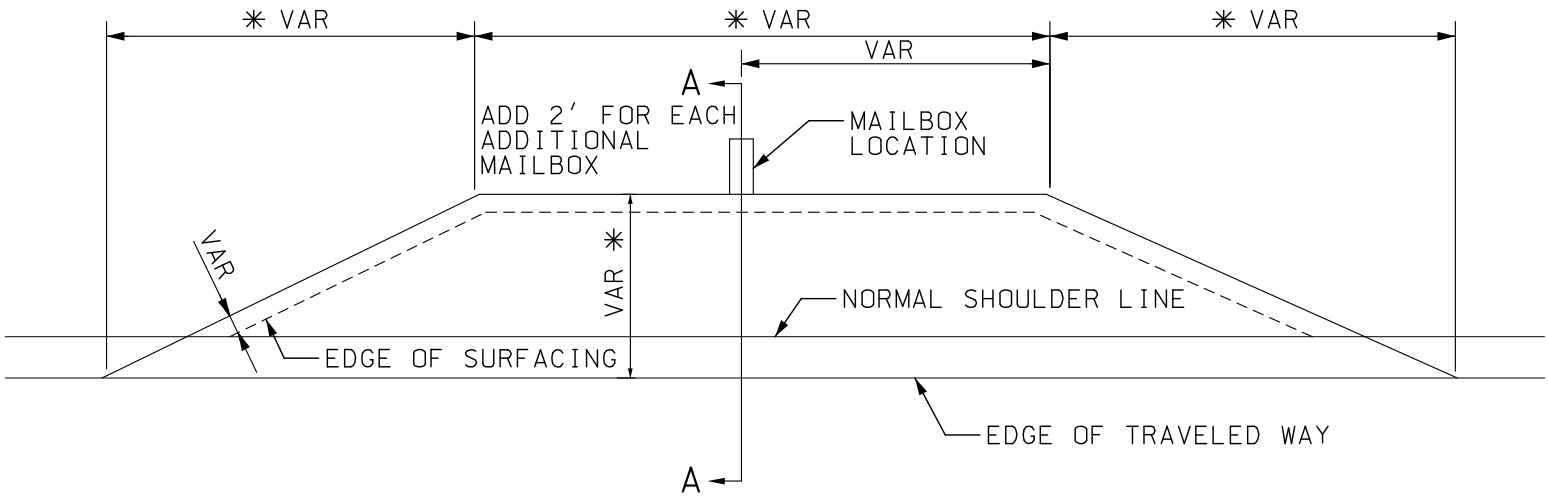
SECTION B-B
TYPICAL ENTRANCE - EXIST/NEW SHOULDER
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE

6 TONS CALCULATED PER COUNTY ROAD.

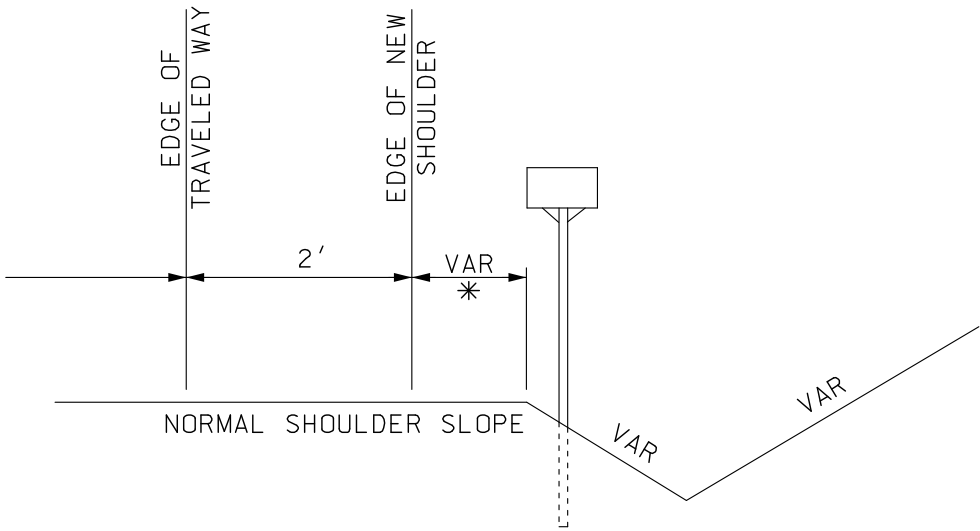
NOTE: MAILBOX TURNOUT QUANTITIES BASED ON 2' WIDTH AND 15' LENGTH. ADD 2' IN LENGTH PER ADDITIONAL MAILBOX AT SAME LOCATION, AS APPROVED BY THE ENGINEER.

TYPICAL MAILBOX TURNOUT

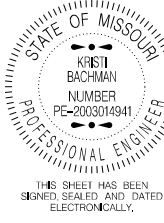
* AS APPROVED BY THE ENGINEER



SECTION A-A
NO SHOULDER



SECTION A-A
SHOULDER



DATE PREPARED 7/20/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY GREENE	
JOB NO. J8S3219	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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.

REMOVAL OF IMPROVEMENTS							
ROUTE	LOG MILE	LOG MILE	LOCATION	DESCRIPTION	UNITS	TOTAL	REMARKS
44OR	0.138	0.413	LT	GUARDRAIL	LF	1450	ENTIRE GUARDRAIL RUN
44OR	1.907	1.916	LT	GUARDRAIL	LF	50	FROM CWT WEST
FR112	0.008	0.017	LT	GUARDRAIL	LF	50	FROM CWT EAST
FR127	0.179	0.262	LT	GUARDRAIL	LF	438	ENTIRE GUARDRAIL RUN
FR127	0.190	0.247	RT	GUARDRAIL	LF	300	FROM CWT TO RADIUS FR137
FR137	0.001	0.030	RT	GUARDRAIL	LF	175	RADIUS FR127 TO END OF RUN
FR127	0.251		LT	OBJECT MARKERS	EA	3	ACROSS FROM FR137
TOTAL 1 LUMP SUM							

MODIFIED COLDMILLING (DEPTH TRANSITIONS)							
ROUTE	LOG MILE	LOG MILE	NET LENGTH LF	AVG WIDTH LF	AREA SF	SY	REMARKS
44OR	0.177	0.196	100.0	28.9	2890.0	321.1	EX JOINT AT THE BEGINNING OF PROJECT
44OR	1.229	1.248	100.0	33.3	3325.0	369.4	OR44/FR127 INTERSECTION
44OR	1.271	1.290	100.0	31.6	3160.0	351.1	OR44/FR127 INTERSECTION
FR112	0.028	0.047	100.0	23.4	2335.0	259.4	EX JOINT AT THE END OF PROJECT
FR127	0.190	0.209	100.0	23.6	2355.0	261.7	FR127/OR44 INTERSECTION
FR127	0.260	0.279	100.0	20.1	2010.0	223.3	END AT EX JOINT ON FR127
TOTAL						1786.0	
USE						1786	

COLDMILLING							
ROUTE	LOG MILE	LOG MILE	NET LENGTH LF	WIDTH LF	AREA SF	1" COLDMILL SY	REMARKS
44OR	1.248	1.271	121.4	VAR	11250.0	1250.0	OR44/FR127 INTERSECTION
FR127	0.154	0.190	190.1	VAR	11250.0	*	FR127 LIMITS
TOTAL						1250.0	
USE						1250	* INCLUDED IN OR44 QUANTITY

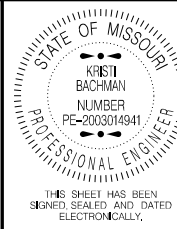
BITUMINOUS PAVEMENT									
ROUTE	LOG MILE	LOG MILE	NET LENGTH LF	AVERAGE WIDTH LF	APPROACH AREA SF	1" SURFACE LEVEL 1.990 TONS/CY TONS *	TACK 0.08 GAL/SY GAL	TACK 0.1 GAL/SY GAL	REMARKS
44OR	0.177	0.196	100.0	28.9	2890.0	18.1		32.1	East joint to FR127
44OR	0.196	1.229	5465.0	28.8	157202.0	984.8	1397.4		East joint to FR127
44OR	1.229	1.248	100.0	33.3	3325.0	20.8		36.9	East joint to FR127
44OR	1.248	1.271	121.4	VAR.	11250.0	69.1		125.0	OR44/FR127 INTERSECTION
44OR	1.271	1.290	100.0	31.6	3160.0	19.8		35.1	FR127 to West joint
44OR	1.290	2.018	3820.6	28.7	109764.2	687.7	975.7		FR127 to West joint
FR112	0.000	0.028	148.0	28.6	4233.6	26.5		47.0	FR127 to West joint
FR112	0.028	0.047	100.0	23.4	2335.0	14.6		25.9	FR127 to West joint
FR127	0.190	0.209	100.0	23.6	2355.0	14.8		26.2	FR127-MELVILLE ROAD
FR127	0.209	0.260	270.0	23.0	6206.1	38.9	55.2		FR127-MELVILLE ROAD
FR127	0.260	0.279	100.0	20.1	2010.0	12.6		22.3	FR127-MELVILLE ROAD
IRREGULARITIES AND ENTRANCES									
44OR	0.177	2.018	9720.5			6.5	18.8		ENTRANCES
44OR	0.177	2.018	9720.5			2.1	3.0		MAILBOX TURNOUTS
44OR	0.177	2.018	9720.5			138.1			IRREGULARITIES @ 75 TONS/ MILE
FR112	0.000	0.047	248.0			3.5			IRREGULARITIES @ 75 TONS/ MILE
FR127	0.154	0.279	660.0			9.4			IRREGULARITIES @ 75 TONS/ MILE
FR127	0.154	0.279	660.0			0.6	1.9		ENTRANCES
TOTALS						2067.9	2452.0	350.5	* SAFETY EDGE INCLUDED IN QUANTITY
USE						2067.9	2802		
NOTE: ANY AND ALL IRREGULARITIES MAY BE UNDERRUN AND NO ADJUSTMENT TO ANY UNIT BID COST WILL BE MADE.									

GRAVEL (A) OR CRUSHED STONE (B)
30 TONS

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 3



DATE PREPARED 7/22/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8S3219	
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.

GUARDRAIL									
LOG	LOG	LOC	NET LENGTH LF	MGS RAIL 6ft+ POSTS LF	MGS RAIL 8ft+ POSTS LF	MASH CWT EACH	MGS END ANCHOR EACH	SHAPING SLOPES CLIII 100 FT	REMARKS
OUTER ROAD 44									
0.138	0.413	LT	1450.0		1350.0	2		15.1	REPLACE EXISTING
1.907	1.916	LT	50.0			1		0.8	REPLACE CWT
FARM ROAD 112									
0.008	0.036	LT	150.0		100.0	1		1.8	EXTEND WEST & REPLACE CWT
FARM ROAD 127									
0.154	0.164	LT	53						USE IN PLACE
0.154	0.159	RT	26.4						USE IN PLACE
0.177	0.274	LT	513	462.5		1	1	5.4	28' Radius Southend-REPLACE EXISTING
0.190	0.247	RT	300		250.0	1		3.3	REPLACE EXISTING
FARM ROAD 137									
0.001	0.030	RT	163		112.5	1		1.9	40' Radius
TOTALS				462.5	1812.5	7	1	28.3	
USE				463	1813	7	1	29	

PAVEMENT MARKING PAINT, TYPE P BEADS							
ROUTE	LOG MILE	LOG MILE	LOCATION	LENGTH LF	4" SOLID WHITE LF	4" SOLID YELLOW LF	REMARKS
44OR	0.177	1.248	LT	5654.9	5654.9		EDGE LINE
44OR	0.177	1.253	RT	5681.3	5681.3		EDGE LINE
44OR	0.177	1.256	℄	5697.1		11394.2	DOUBLE SOLID YELLOW CENTER LINE
44OR	1.271	2.018	LT/RT	3944.2	7888.3		EDGE LINES
44OR	1.268	2.018	℄	3960.0		7920.0	DOUBLE SOLID YELLOW CENTER LINE
FR112	0.000	0.047	LT/RT	248.0	496.0		EDGE LINES
FR112	0.000	0.047	℄	248.0		496.0	DOUBLE SOLID YELLOW CENTER LINE
FR127	0.154	0.159	RT	28.0	28.0		EDGE LINE
FR127	0.154	0.164	LT	54.0	54.0		EDGE LINE
FR127	0.154	0.164	℄	54.0		108.0	DOUBLE SOLID YELLOW CENTER LINE
FR127	0.190	0.279	RT	471.0	471.0		EDGE LINE
FR127	0.183	0.279	LT	508.0	508.0		EDGE LINE
FR127	0.183	0.279	℄	508.0		1016.1	DOUBLE SOLID YELLOW CENTER LINE
TOTALS					20781.5	20934.3	
USE					20782	20935	

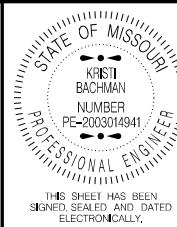
NOTE: QUANTITIES SHOWN ARE APPROXIAMTE. FINAL PAY QUANTITY SHALL BE BASED ON FINAL MEASUREMENT IN ACCORDANCE WITH PAVEMENT MARKING JSP.

SIGN SUMMARY														
SIGN NUMBER	LOG MILE	LOCATION	STANDARD SIGN NUMBER	NO. EACH	SIZE, TYPE & SQUARE FEET		PERFORATED SQUARE STEEL TUBE POST						BREAKAWAY ASSEMBLY	CONC FOOTINGS EMBD
					SIZE	FLAT SHEET SH ITEM NO. 9035004A					2 IN			
							POST NO. 1	POST NO. 2	POST NO. 3	POST NO. 4	TOTAL ITEM NO. 9031270A	ANCHOR 12 GA. ITEM NO. 9031271		
INCHES	SQUARE FEET	LF	LF	LF	LF	LF	LF	EACH	CU YDS					
1	0.251	FR127W	OM4-3 TYPE 4 OBJECT MARKER	4	18 X 18	9	16	16	16	16	64	12	4	0.36
TOTAL						9					64	12	4	0.36
USE						9					64	12	4	0.4

REFER TO STANDARD DWG 903.03

PERMANENT AGGREGATE EDGE TREATMENT						
ROUTE	LOG MILE	LOG MILE	LENGTH	AGGREGATE	PRIME MC800	REMARKS
			MILES	200 TON/MILE TON	590 GAL/MILE GAL	
44OR	0.177	1.248	1.1	214.2	632	East joint to FR127
44OR	1.271	2.018	0.8	157.9	466	FR127 to West joint
FR112	0.000	0.047	0.1	20.0	59	FR127 to West joint
FR127	0.190	0.279	0.1	17.8	53	FR127-MELVILLE ROAD
TOTALS				409.9	1210.0	
USE				410	1210	

SUMMARY OF QUANTITIES
SHEET 2 OF 3



DATE PREPARED 7/22/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 3
COUNTY GREENE	
JOB NO. J8S3219	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION									

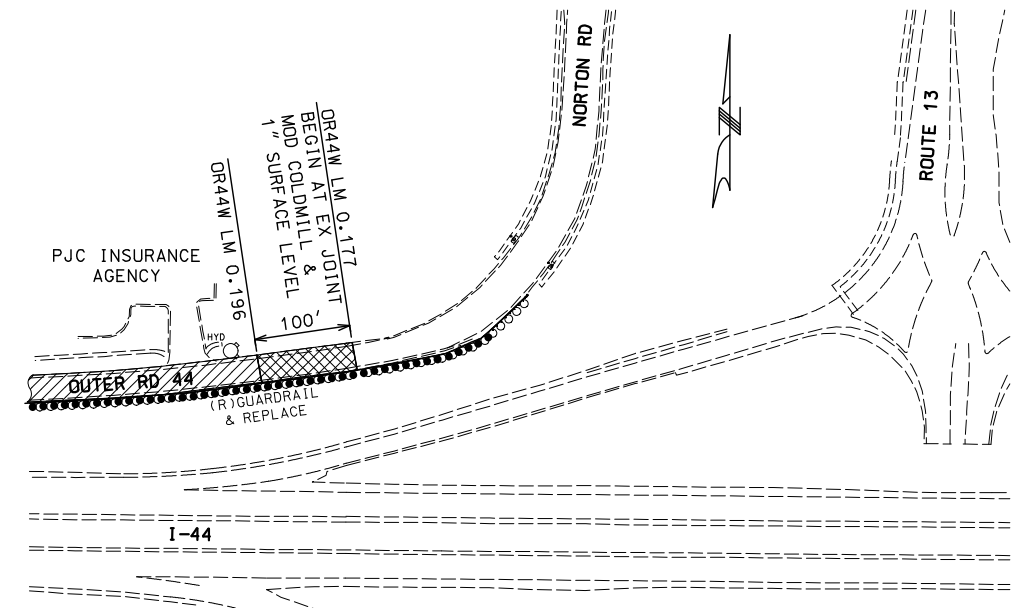
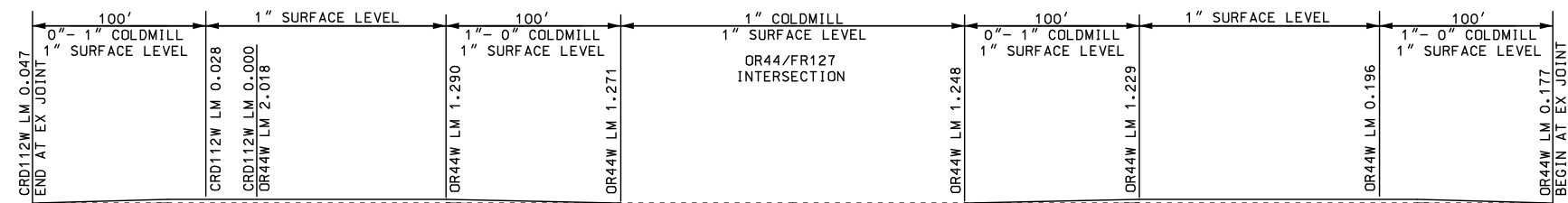
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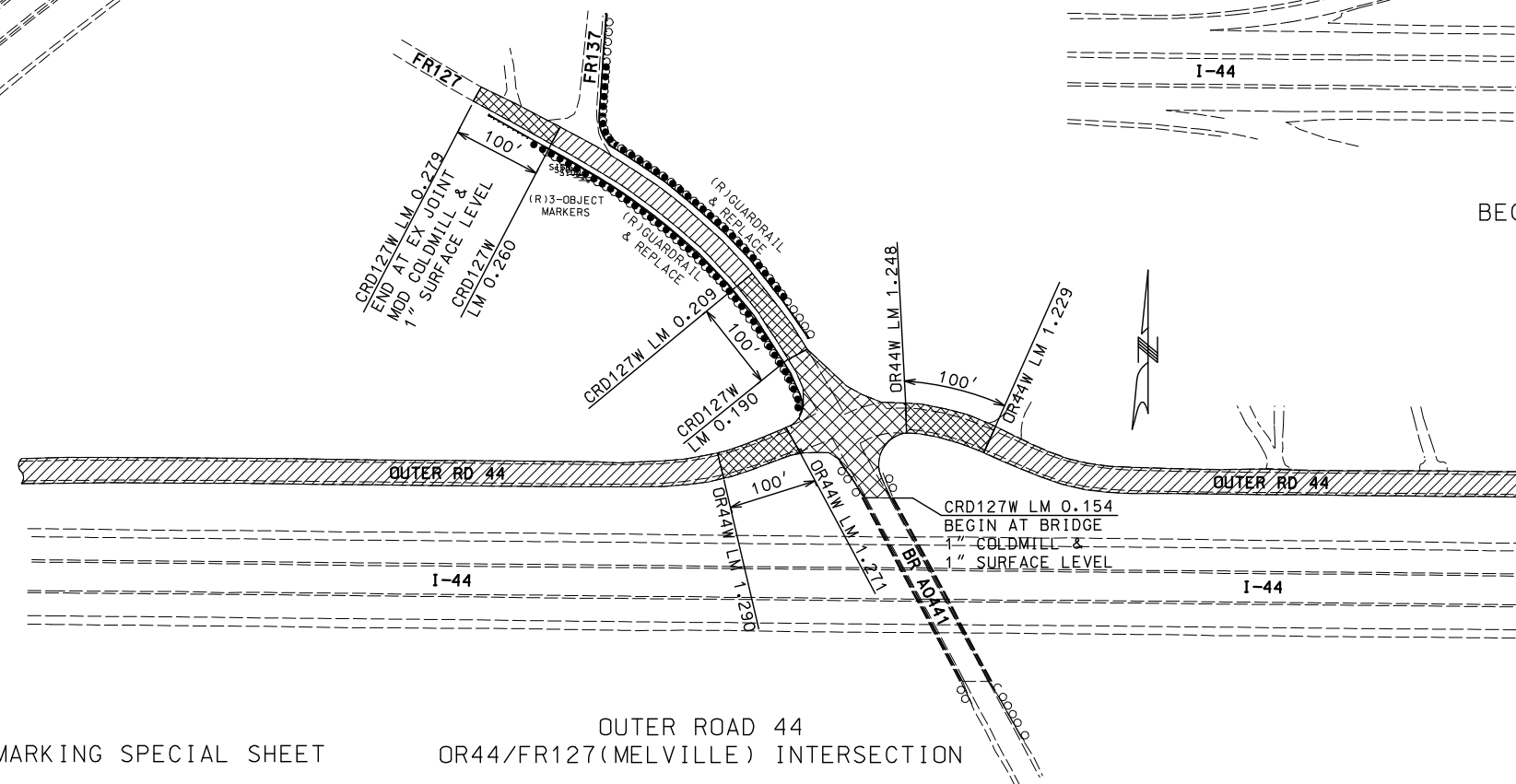
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)




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

ALL LOG MILES AND/OR LOCATIONS SHOWN ON
PLANS ARE APPROXIMATE AND CAN VARY AS
APPROVED BY ENGINEER.



OUTER ROAD 44
BEGINNING OF PROJECT



	1" COLDMILLING WITH 1" SURFACE LEVELING
	MODIFIED COLDMILLING WITH 1" SURFACE LEVEL
	1" SURFACE LEVEL

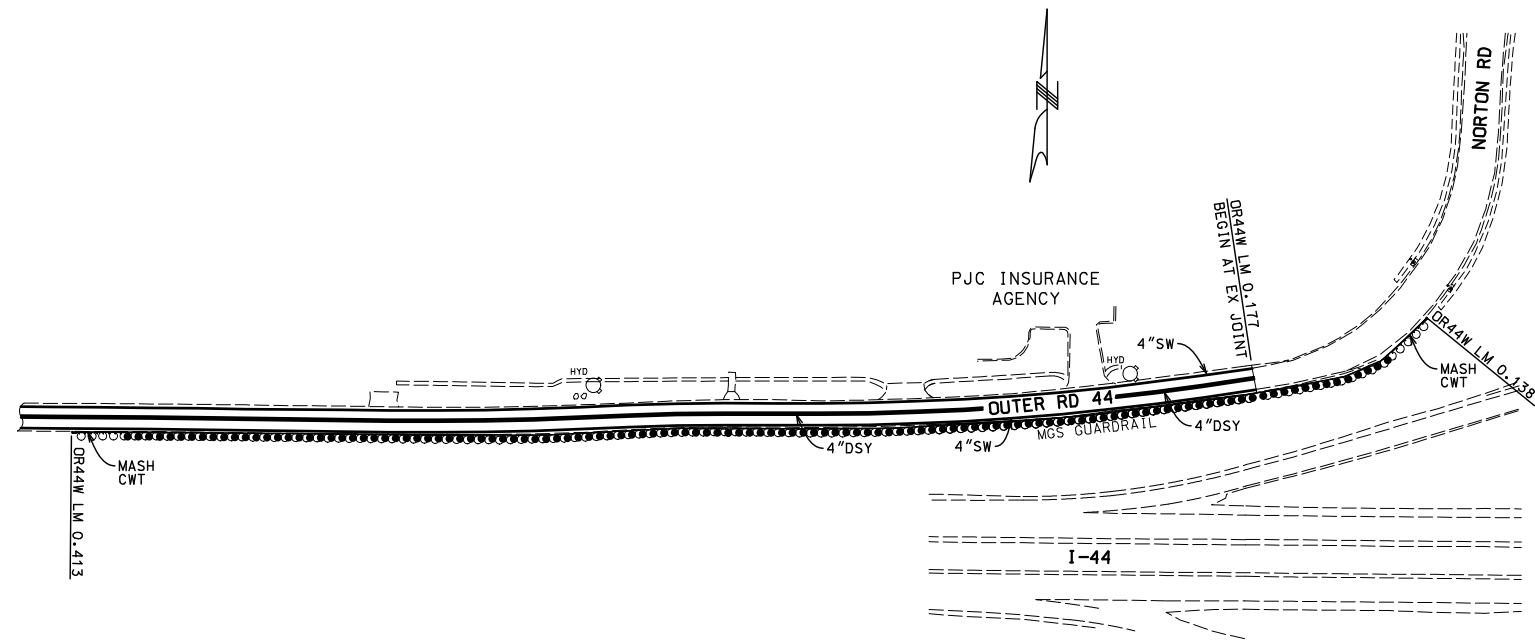
Profile view diagram of the bridge deck. The diagram shows a horizontal line representing the bridge deck with vertical lines indicating specific points. The elevations at these points are: CRD127W LM 0.279 (END AT EX JOINT), CRD127W LM 0.260, CRD127W LM 0.209, CRD127W LM 0.190, and CRD127W LM 0.154 (BEGIN AT BRIDGE). The surface levels are indicated by horizontal lines: 1" SURFACE LEVEL (0" - 1" COLDMILL) from 0.279 to 0.260, 1" SURFACE LEVEL (1" - 0" COLDMILL) from 0.260 to 0.209, and 1" SURFACE LEVEL (1" COLDMILL) from 0.209 to 0.154. The distance between 0.279 and 0.260 is 100'. The distance between 0.260 and 0.209 is 100'. The distance between 0.209 and 0.154 is 100'. The intersection of the 1" SURFACE LEVEL and 1" COLDMILL is labeled OR44/FR127 INTERSECTION.

FARM ROAD 127 (MELVILLE)

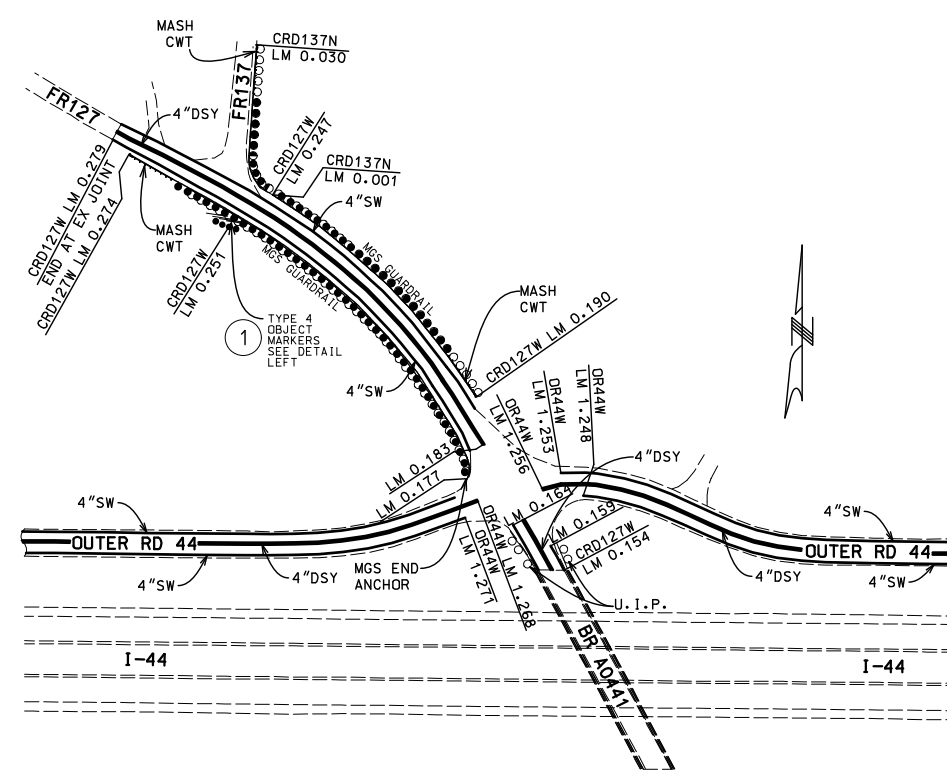
SPECIAL SHEET
SHEET 1 OF 2

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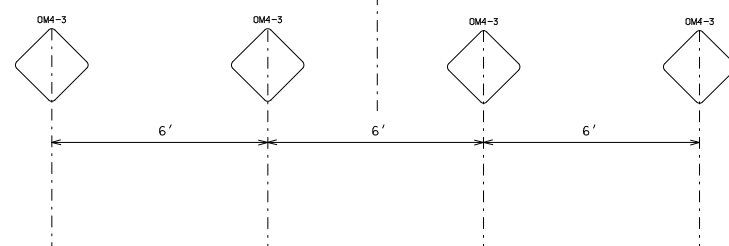
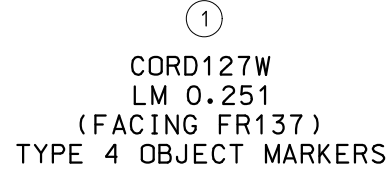
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



OUTER ROAD 44
BEGINNING OF PROJECT



OUTER ROAD 44
OR44/FR127(MELVILLE) INTERSECTION



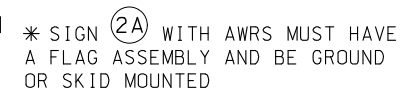
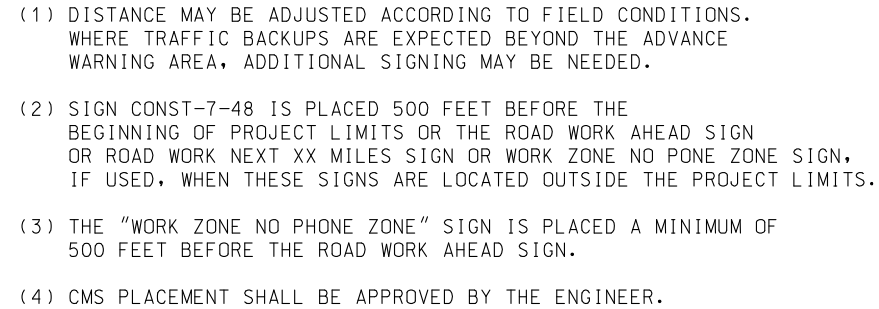
ABBREVIATIONS:
DSY - DOUBLE SOLID YELLOW LINE
SW - SOLID WHITE LINE

DRAWING NOT TO SCALE

SPECIAL SHEET
SHEET 2 OF 2

DATE PREPARED 7/22/2021					
ROUTE OR44		STATE MO			
DISTRICT SW		SHEET NO. 5			
COUNTY GREENE					
JOB NO. J853219					
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)			


1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
15. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
16. CONTRACTOR SHALL COORDINATE WITH ADA PROJECT J8S3179.



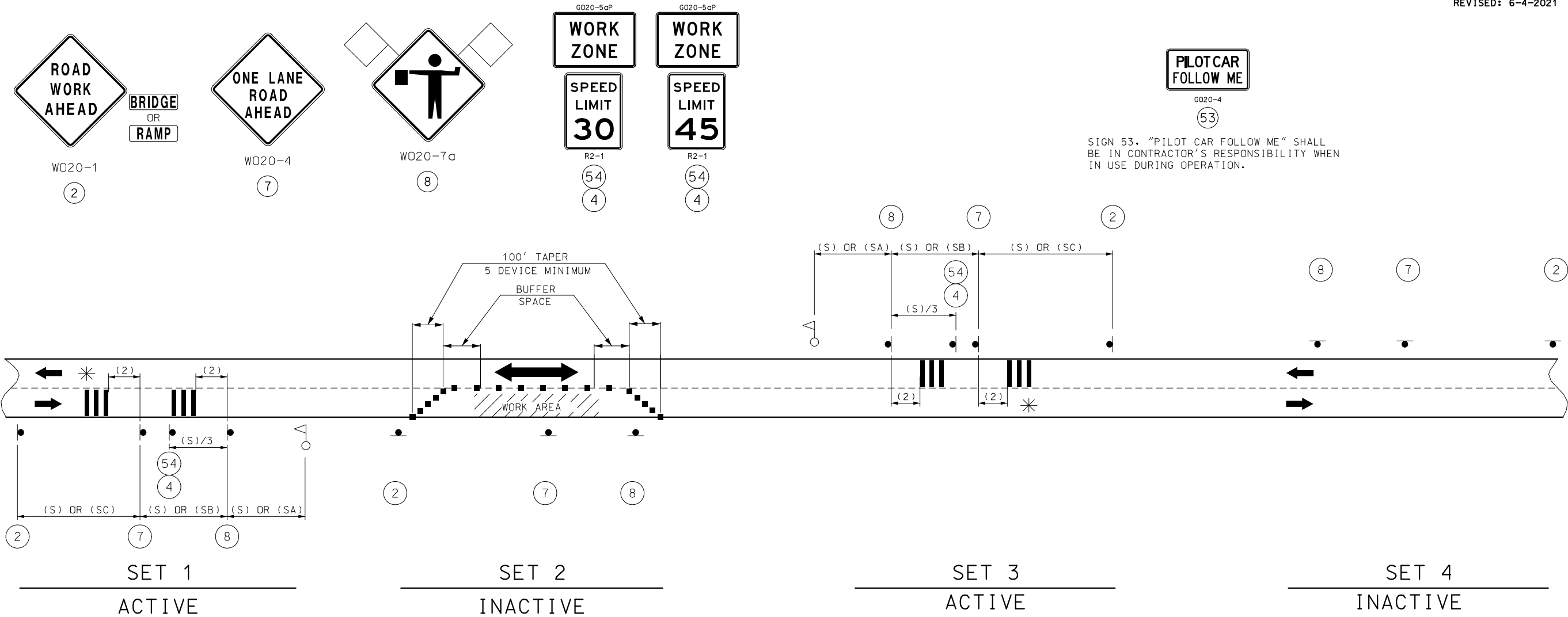
DATE PREPARED	
7/20/2021	
ROUTE	STATE
OR44	MO
DISTRICT	SHEET NO.
SW	6
COUNTY	
GREENE	
JOB NO.	
J8S3219	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

[illegible]



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
- ||| - TEMPORARY SHORT TERM RUMBLE STRIPS

NOTES:

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.

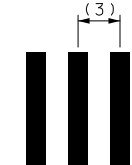
FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER SPACE LENGTH (FT)	TAPER LENGTH, FT	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/ WORK AREAS		SHOULDER	LANE
0-35	200	200	35	40	280	70	245
40-45	350	500	40	80	400	150	540
50-55	500	1000	50	80	560	185	660
60-70	1000	SA-1000 SB-1500 SC-2640	60	120	840	235	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



SHORT-TERM RUMBLE STRIPS		
PERMANENT POSTED (MPH)	DISTANCE (FT) (2)	SPACING (FT) (3)
0-45 (OPTIONAL)	120	10
50-55 (OPTIONAL)	160	20
60-70	200	35

* SECOND SET OF TEMPORARY RUMBLES OPTIONAL.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 2 OF 5

STATE OF MISSOURI

KRISTI BACHMAN

NUMBER PE-2003014941

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

7/20/2021

ROUTE

OR44

STATE

MO

DISTRICT

SW

SHEET NO.

7

COUNTY

GREENE

JOB NO.

J8S3219

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

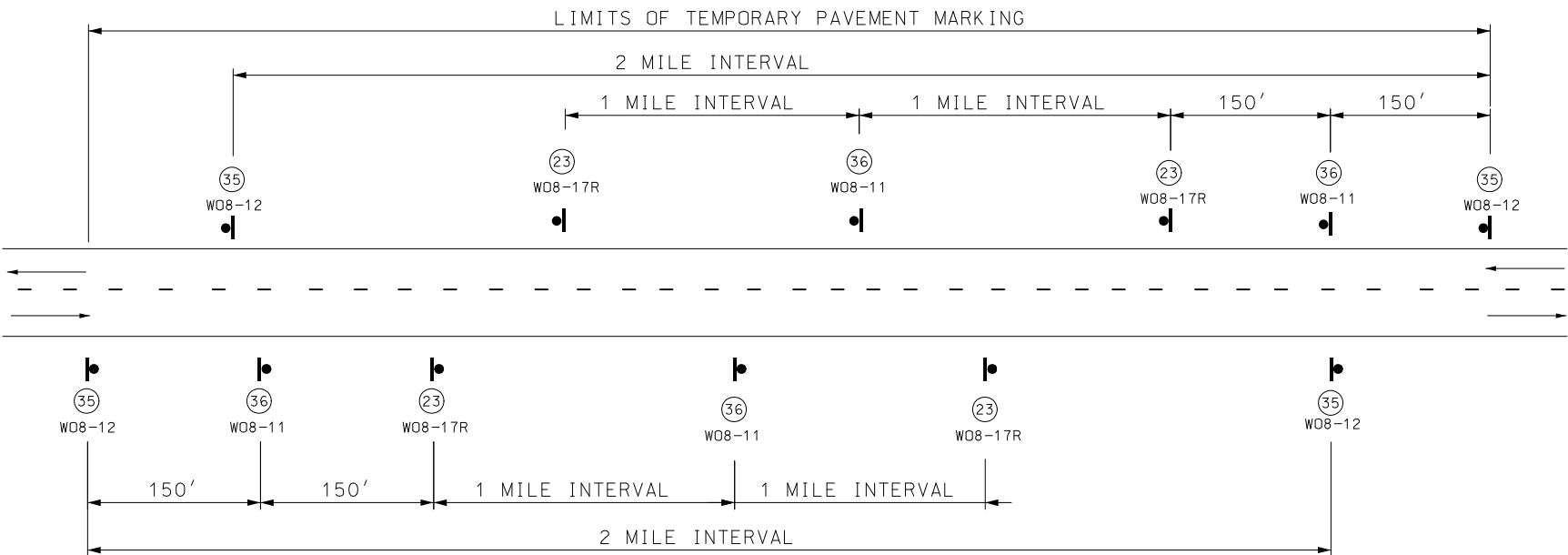
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

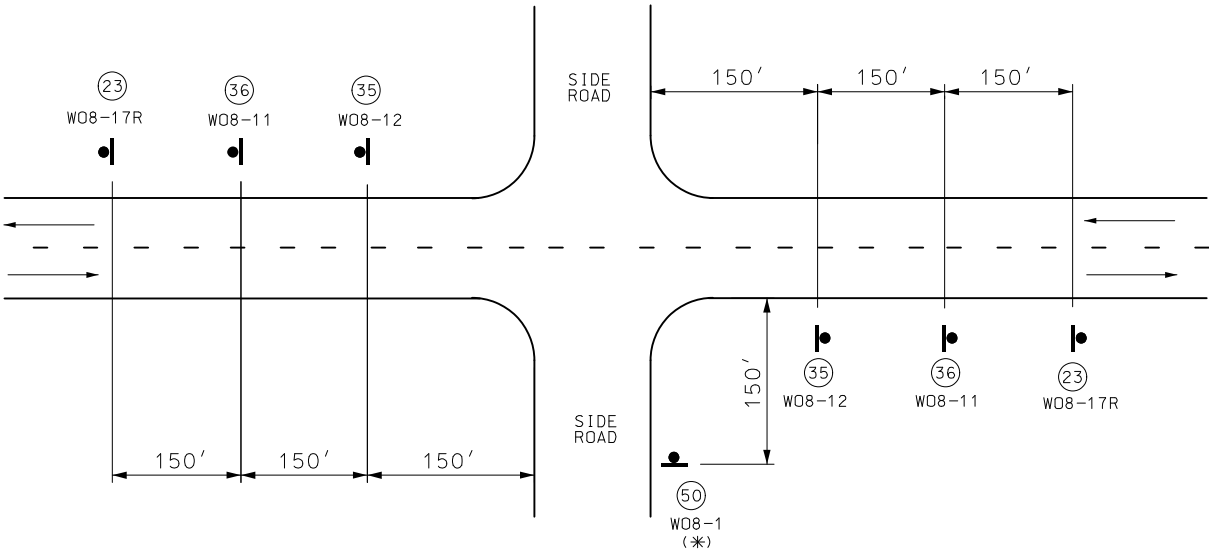
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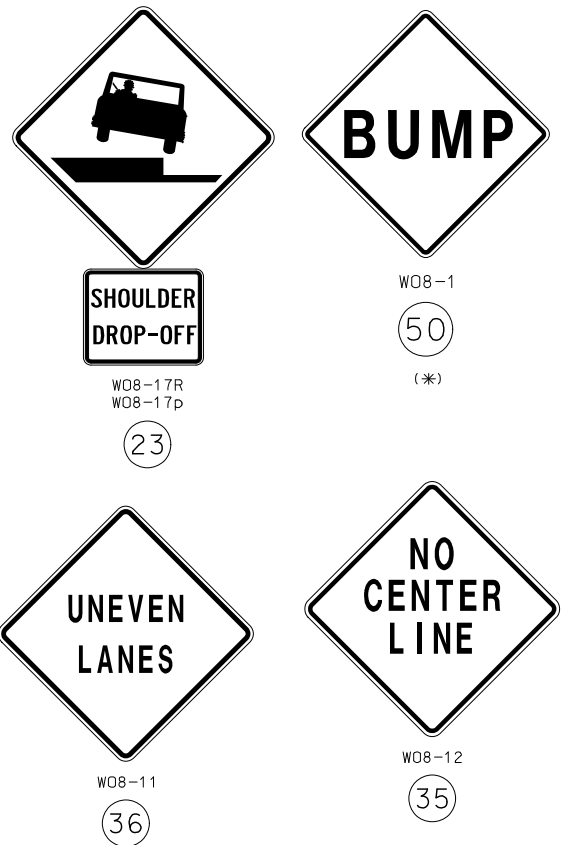
SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGNS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF). THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



SIGN SPACING AT SIDE ROAD INTERSECTIONS

(*) BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.



GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE SHEET 1 OF 5.

SIGN 35 AND TEMPORARY PAVEMENT MARKING 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.

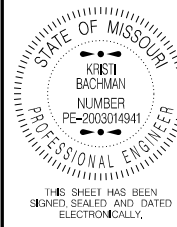
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN 50 TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN 50 AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 5



DATE PREPARED 7/20/2021	
ROUTE OR44	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY GREENE	
JOB NO. J8S3219	
CONTRACT ID.	

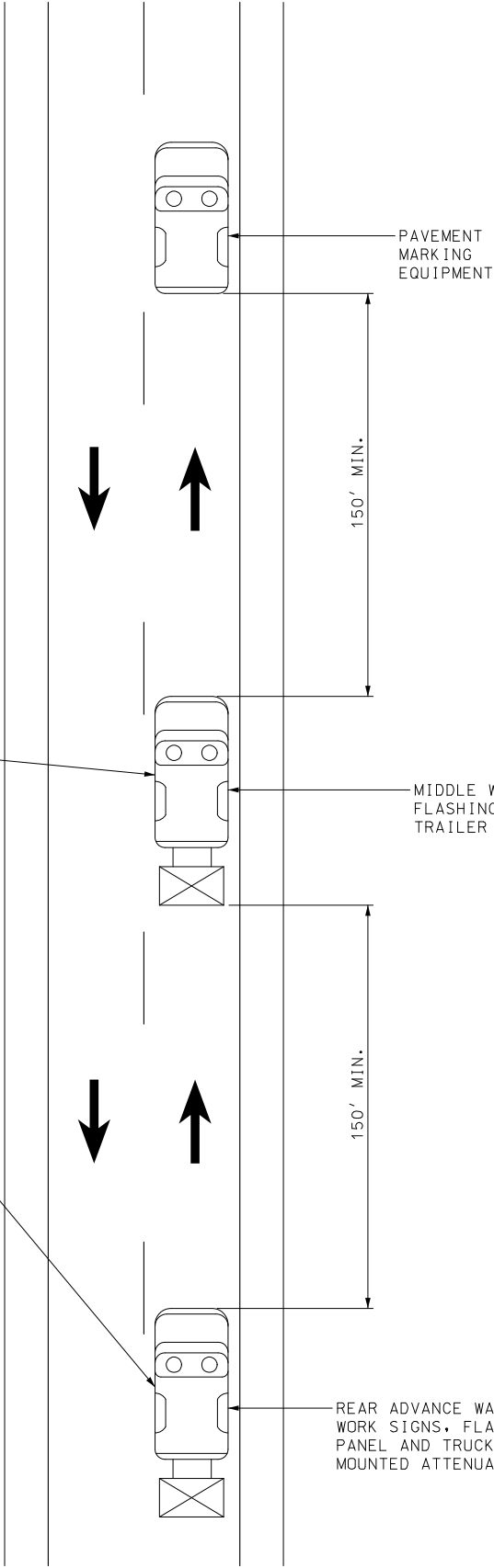
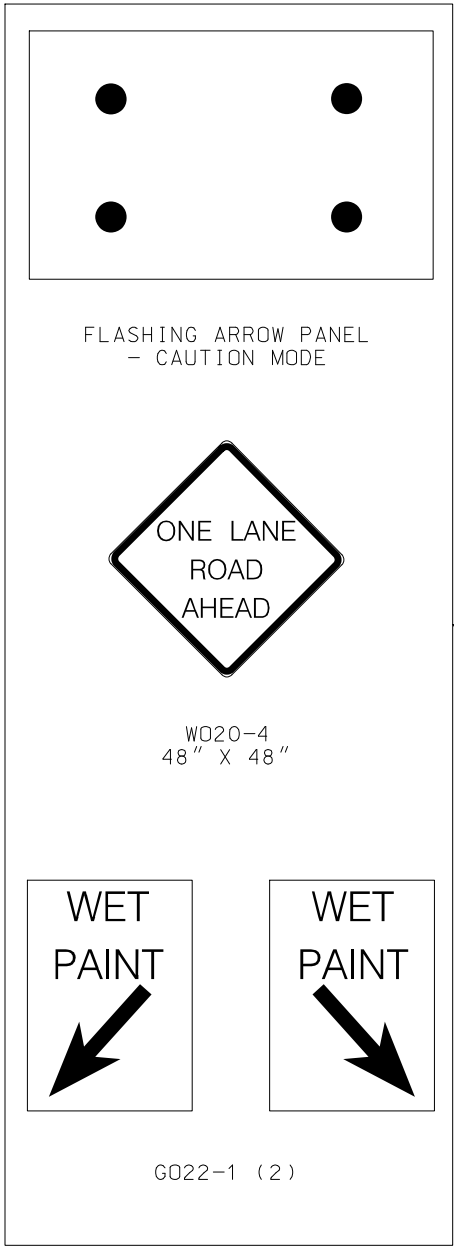
PROJECT NO.
BRIDGE NO.

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.



NOTES:

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, OSCILLATING, OR STROBE LIGHTS.

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

CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

NOT TO SCALE

STATE OF MISSOURI

KRISTI BACHMAN

NUMBER PE-2003014941

PROFESSIONAL ENGINEER

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DATE PREPARED

7/20/2021

ROUTE

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DISTRICT

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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)

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