

DESIGN DESIGNATION

A.A.D.T. - 2025 = 2214
A.A.D.T. - 2045 = 2701
D.H.V. = 11%
T = 7%
V = 45 M.P.H.

FUNCTIONAL CLASSIFICATIONS - MAJOR COLLECTOR

NO NEW RIGHT OF WAY
WILL BE AQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

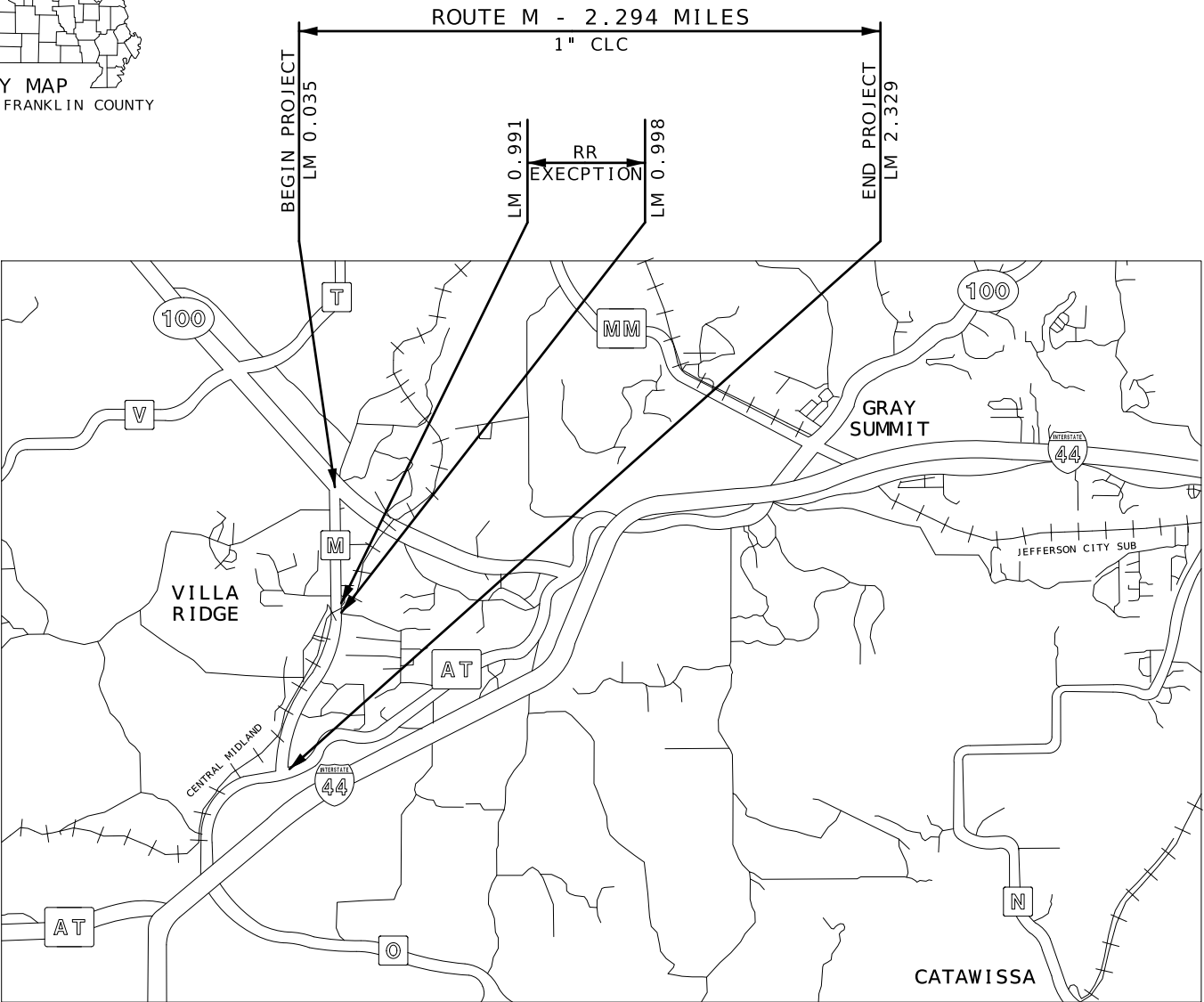
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-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
FRANKLIN COUNTY



KEY MAP
LOCATION OF FRANKLIN COUNTY



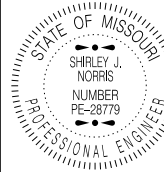
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SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
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UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS OF
THE PROJECT TO WHICH THIS PAGE REFERS.

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

NOT TO SCALE

INDEX OF SHEETS

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



DATE PREPARED
8/7/2024

ROUTE	STATE
M	MO
DISTRICT	SHEET NO.
SL	1

COUNTY
FRANKLIN

JOB NO.
JST0098

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 0.035
END OF PROJECT	LM 2.329
APPARENT LENGTH	2.294 MILES
EQUATIONS AND EXCEPTIONS:	
RAILROAD EXCEPTION:	LM 0.991 TO LM 0.998

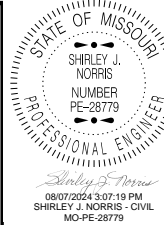
TOTAL CORRECTIONS	-37.0 FEET
NET LENGTH OF PROJECT	12075.32 FEET
STATE LENGTH	2.287 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

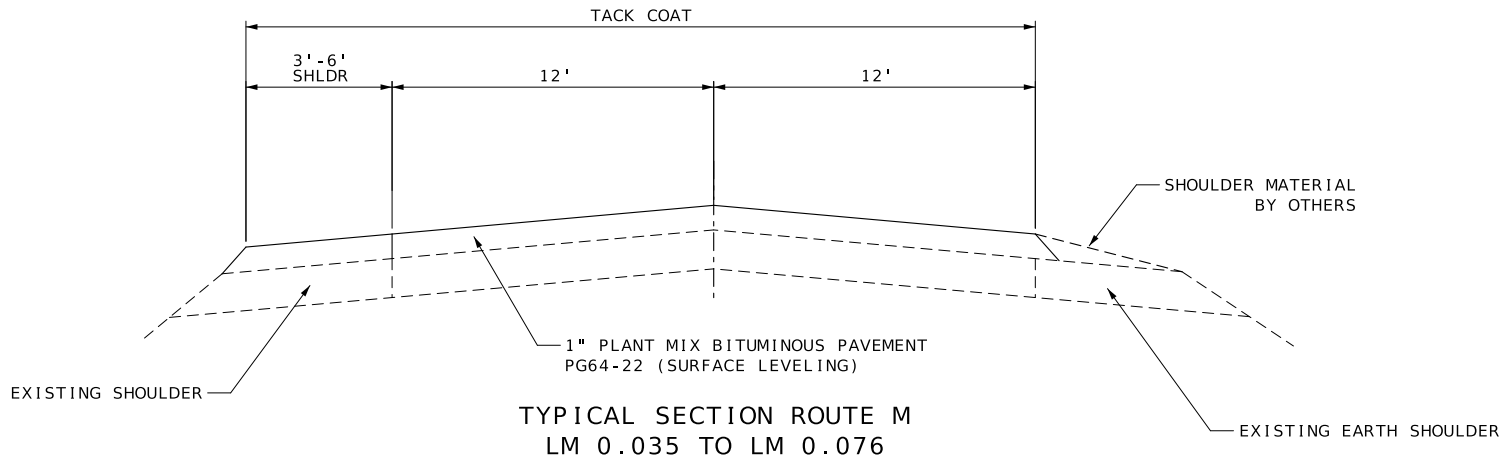
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TITLE SHEET

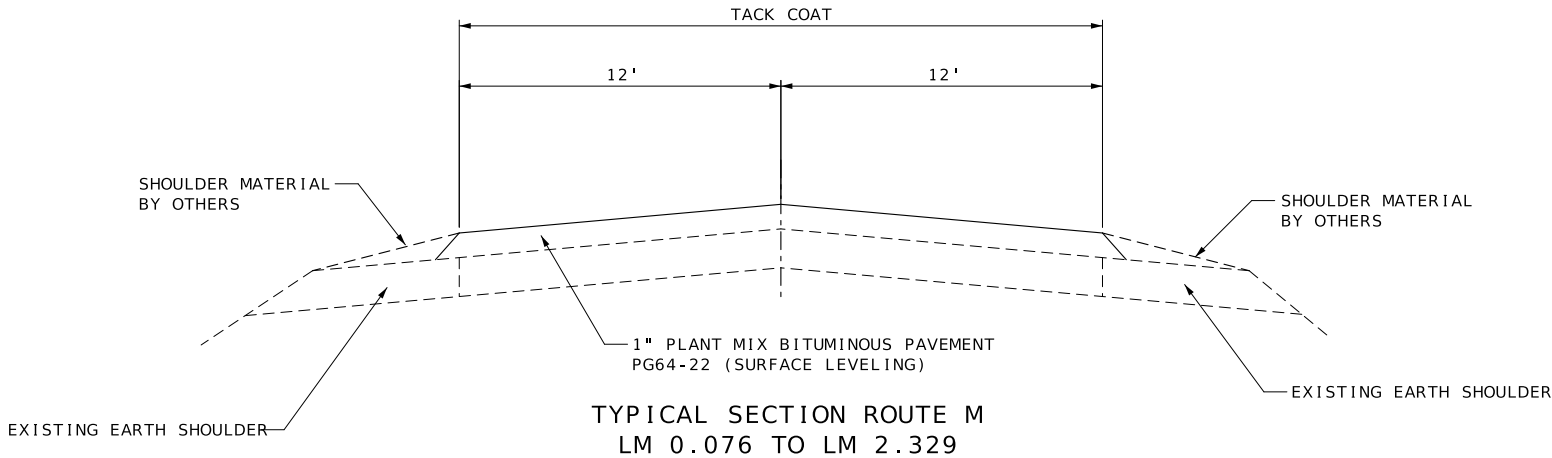


DATE PREPARED 8/7/2024	
ROUTE M	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY FRANKLIN	
JOB NO. JST0098	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.94 TON/YD ³
TACK COAT	.08 GAL/YD ²



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



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

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

MoDOT

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COLDMILLING						
LOG MILE	LOG MILE	LOCATION	LENGTH (FT.)	WIDTH (FT.)	MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SQ. YD.)	REMARKS
0.035	0.040	ROUTE M	25	34	94.4	START OF PROJECT ROUTE M AT ROUTE 100
0.000	2.334	ROUTE M	2	VAR.	372.3	BITUMINOUS ENTRANCES
0.159	-	ROUTE M	10	168.4	187.1	ROUTE M AT ST. LOUIS ROCK RD
0.520	-	ROUTE M	10	113	125.6	ROUTE M AT MARTIN FIELD CT
0.840	-	ROUTE M	10	147.7	164.1	ROUTE M AT JEFFERSON ST/DEL VISTA DR
0.911	-	ROUTE M	10	59.39	66.0	ROUTE M AT PENN ST
0.982	-	ROUTE M	10	62.4	69.3	ROUTE M AT W VILLA RIDGE ROAD
0.986	0.991	ROUTE M	25	22.5	62.5	RAILROAD EXCEPTION (NORTH)
0.993	0.998	ROUTE M	25	25.3	70.3	RAILROAD EXCEPTION (SOUTH)
0.997	-	ROUTE M	10	56.8	63.1	ROUTE M AT E VILLA RIDGE RD
1.438	-	ROUTE M	10	145.8	162.0	ROUTE M AT BRIDGEWATER HILL DR
1.660	-	ROUTE M	10	132.1	146.8	ROUTE M AT W VILLA RIDGE RD/ROCK BRIDGE RD
2.319	2.329	ROUTE M	10	66.7	73.7	END OF PROJECT ROUTE M AT ROUTE AT
SUBTOTAL =					1657.2	
PAY TOTAL =					1657	

BITUMINOUS PAVEMENT								
LOG MILE	LOG MILE	LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. FT.)	BIT PAVEMENT MIX PG64-22 (SURFACE LEVELING) (TONS)	TACK COAT (GAL.)	REMARKS
0.035	0.076	ROUTE M	211	VAR.	1042.1	6.2	9.3	EXISTING SHOULDER LT. SIDE ONLY
0.035	0.992	ROUTE M	5040.5	VAR.	110137.1	659.5	979.0	RR EXCEPTION TO ROUTE 100
0.992	2.334	ROUTE M	7053	VAR.	156159.3	935.0	1388.1	ROUTE AT TO RR EXCEPTION
0.035	2.334	ROUTE M	VAR.	VAR.	14914.8	89.3	132.6	ENTRANCES AND INTERSECTIONS
0.035	2.334	ROUTE M	VAR.	VAR.	VAR.	169.0	250.9	10% ADDITIONAL QUANTITY FOR IRREGULARITIES
SUBTOTAL =						1859.0	2759.9	
PAY TOTAL =						1859	2760	

PAVEMENT MARKING								
				STANDARD WATERBORNE PAINT WITH TYPE P BEADS		PREFORMED THERMOPLASTIC MARKING		
LOG MILE	LOG MILE	LOCATION	LENGTH (FT.)	4" SOLID YELLOW (L.F.)	4" SOLID WHITE (L.F.)	24" WHITE STOP BAR (L.F.)	R/R CROSSING MARKER (EA.)	REMARKS
0.000	2.334	ROUTE M	12323.5	24114.7	24176.7			
0.949	0.959	ROUTE M	-			22	1	
0.988	-	ROUTE M	-			11		
0.996	-	ROUTE M	-			11		
1.024	1.034	ROUTE M	-			22	1	
SUBTOTAL =				24114.7	24176.7	66	2	
PAY TOTAL =				24115	24177	66	2	

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
1 LUMP SUM

STATE OF MISSOURI

SHIRLEY J. NORRIS

NUMBER

PE-28779

PROFESSIONAL ENGINEER

DATE PREPARED

10/3/2024

ROUTE

M

STATE

MO

DISTRICT

SL

SHEET NO.

3

COUNTY

FRANKLIN

JOB NO.

JST0098

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)

QUANTITY SHEET 1 OF 2

				TOTAL	QTY	TOTAL	SIGN	
SIGN	SIZE	AREA	QTY	AREA	RELOC	RELOC	NUM.	
	IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.		
WARNING SIGNS								DESCRIPTION
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	4	64			11	BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	4	64			36	UNEVEN LANES
WO8-12	48X48	16.00	4	64			35	NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLA

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
GO20-1	60X24	10.00	2	20			1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16			26	END ROAD WORK
GO20-4	36X18	4.50	2	9			53	PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	4	35			58	PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	4	6			60	PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	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						SPEED LIMIT XX
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
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (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-8	48X36	12.00	2	24			59	WORK ZONE NO PHONE ZONE
616-10.05 CONSTRUCTION SIGNS				TOTAL 686				
616-10.10 RELOCATED SIGNS					TOTAL ***			

NOTE :

ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY
ITEM 6169901, TEMPORARY TRAFFIC CONTROL, LUMP
SUM, UNLESS OTHERWISE NOTED IN THE PLANS. THESE
QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT
TO CHANGE BASED ON FIELD CONDITIONS AND
CONTRACTOR'S TRAFFIC CONTROL OPERATIONS.

SIGN AND DEVICE LOCATIONS WILL BE FIELD
VERIFIED AND APPROVED BY THE ENGINEER.

CMS LOCATION TO BE DETERMINED BY THE ENGINEER.

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DATE PREPARED

10/3/2024

ROUTE M	STATE MO
DISTRICT SL	SHEET NO 3

COUNTY

FRANKLIN

JOB NO.

JST0098

CONTRACT ID

PROJECT NO.

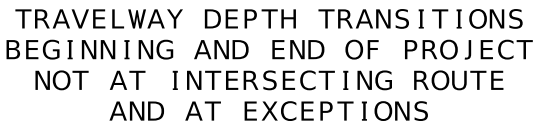
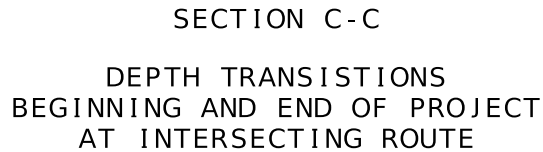
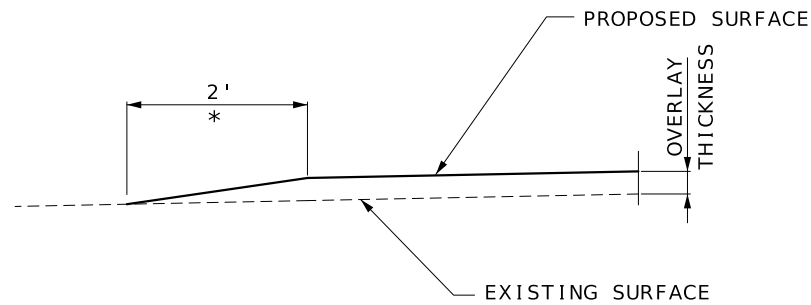
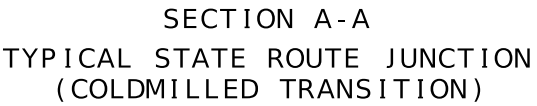
BRIDGE NO.

DESCRIPTION

31

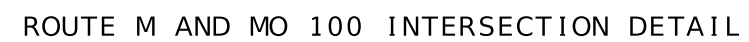
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

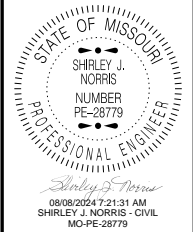




NOT TO SCALE



MODIFIED COLDMILLING &
1" SURFACE LEVELING



DATE PREPARED
8/7/2024

ROUTE	STATE
M	MO

DISTRICT	SHEET NO.
SL	5

COUNTY
FRANKLIN

JOB NO.
JST0098

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

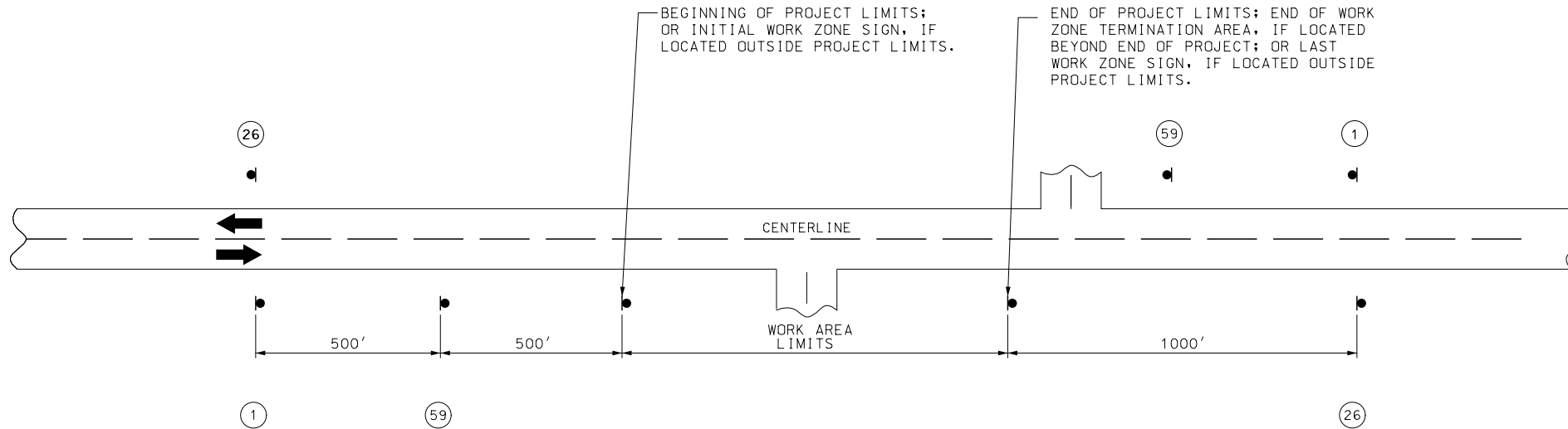


JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET 2 OF 2



08/08/2024 7:22:33 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779



NOTES:

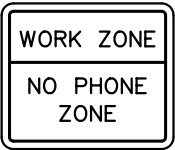
SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

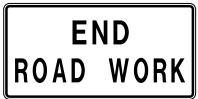
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



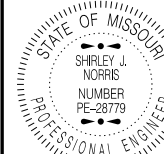
G020-1
1



CONST-8
59



G020-2
26



08/08/2024 7:22:33 AM
SHIRLEY J. NORRIS - CIVIL
MO-PE-28779

DATE PREPARED
8/7/2024

ROUTE M STATE MO

DISTRICT SL SHEET NO. 6

COUNTY
FRANKLIN

JOB NO.
JST0098

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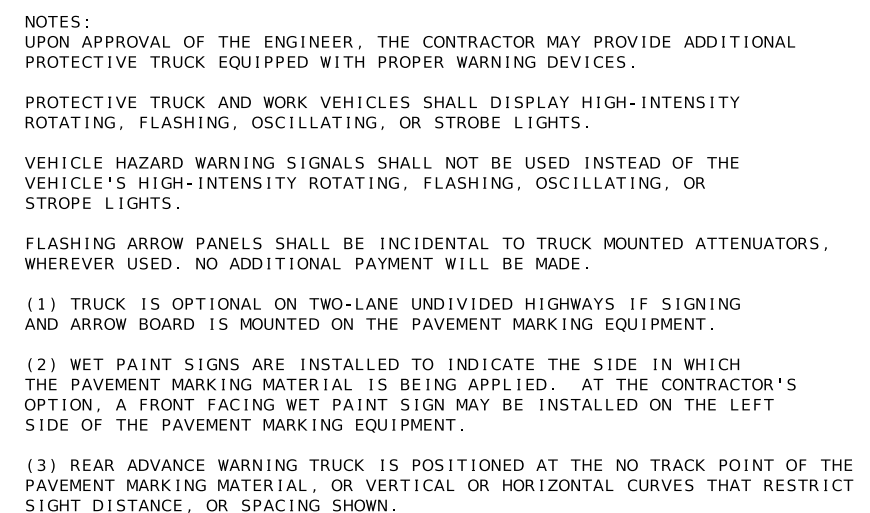
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL SHEET

[illegible]



TRAFFIC CONTROL
SHEET 5 OF 5