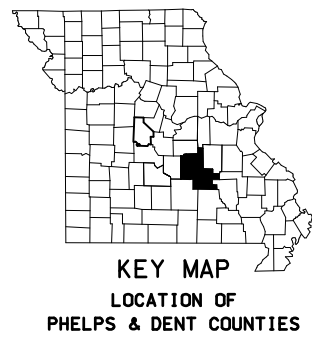


DESIGN DESIGNATION

ROUTE M
 A.A.D.T. - 2024 = 1174
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

ROUTE H
 A.A.D.T. - 2024 = 1370
 V = 55 M.P.H.
 FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW RIGHT OF WAY



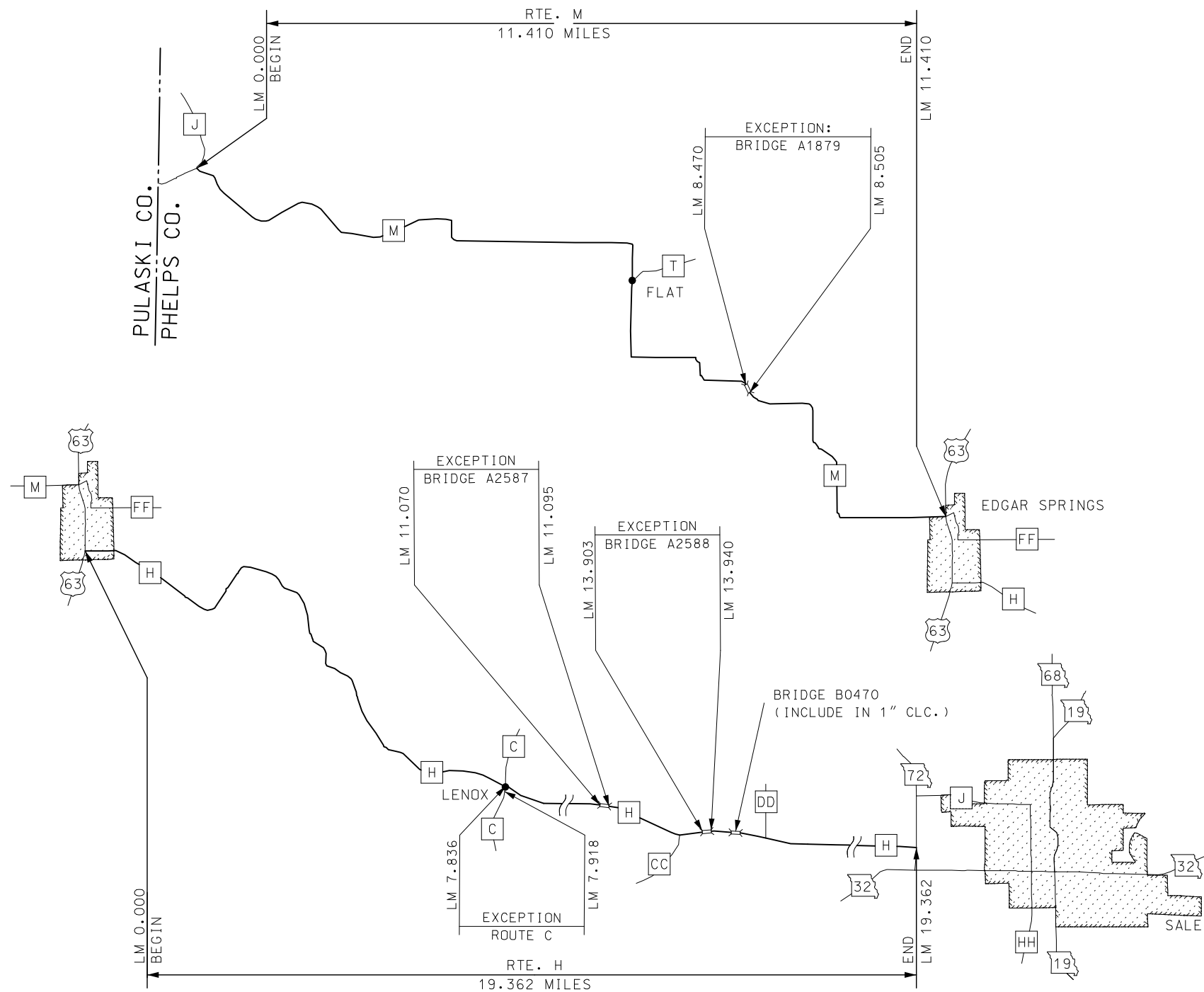
CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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-
WATER	-G-	-G-
	-W-	-W-
MANHOLE	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE		
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 PLANS FOR PROPOSED
 STATE HIGHWAY
 PHELPS & DENT COUNTIES



NOT TO SCALE

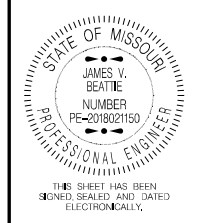
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY 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) (2 SHEETS)---	2
QUANTITIES (QU) (3 SHEETS)-----	3
SPECIAL SHEET (SS)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6-10

LENGTH OF PROJECT

ROUTE H	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 19.362
APPARENT LENGTH	19.362 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE A2587	- 0.025 MILES
BRIDGE A2588	- 0.037 MILES
ROUTE C	- 0.082 MILES
ROUTE M	
BEGINNING OF PROJECT	LOG MILE 0.000
END OF PROJECT	LOG MILE 11.410
APPARENT LENGTH	11.410 MILES
EQUATIONS AND EXCEPTIONS:	
BRIDGE A1879	- 0.035 MILES



DATE PREPARED	8/5/2024
ROUTE	H/M
STATE	MO
DISTRICT	CD
SHEET NO.	1
COUNTY	PHELPS/DENT
JOB NO.	JCD0067
CONTRACT ID.	

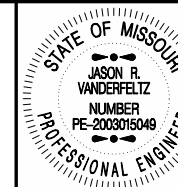
PROJECT NO.
 BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TOTAL CORRECTIONS	-945.12 FEET
NET LENGTH OF PROJECT	161,531.040 FEET
STATE LENGTH	30.593 MILES
FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/17/2024

ROUTE H/M STATE MO

DISTRICT CD SHEET NO. 2

COUNTY

PHELPS/DENT

JOB NO. JCD0067

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

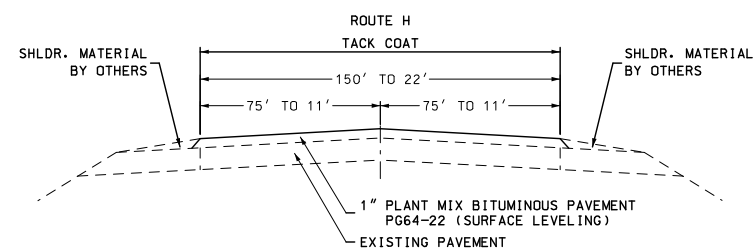
DESCRIPTION

DATE

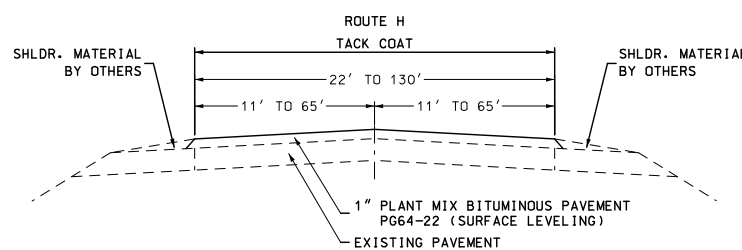
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



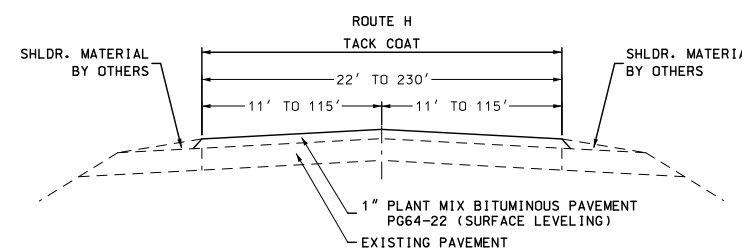
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



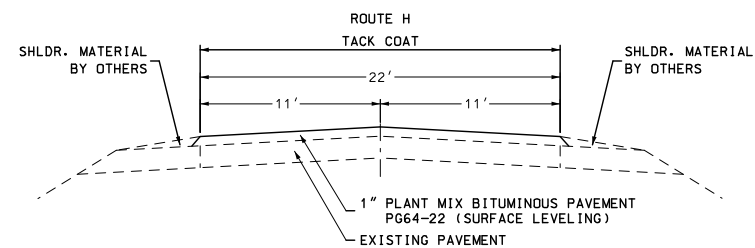
ROUTE H
TYPICAL SECTION
LM 0.000 TO LM 0.012



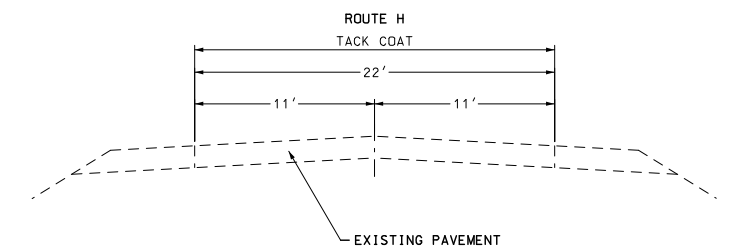
ROUTE H
TYPICAL SECTION
LM 7.824 TO LM 7.836



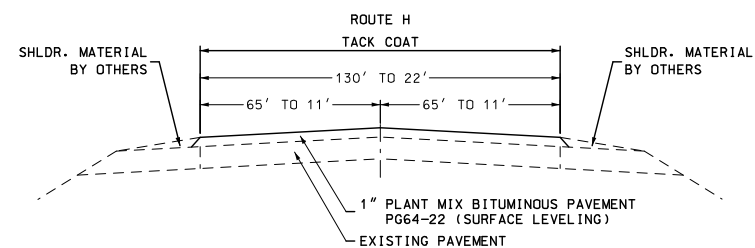
ROUTE H
TYPICAL SECTION
LM 19.338 TO LM 19.362



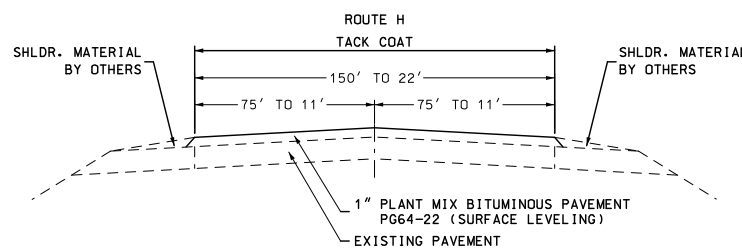
ROUTE H
TYPICAL SECTION
LM 0.012 TO LM 0.164



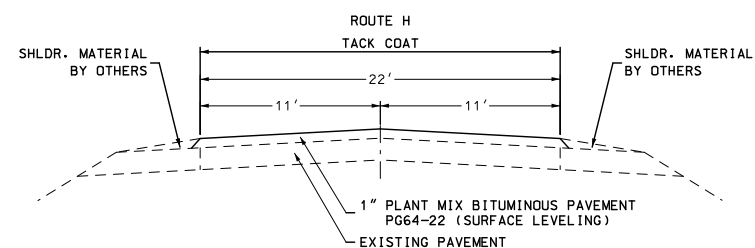
ROUTE H
TYPICAL SECTION
LM 7.836 TO LM 7.918 (EXCEPTION: RTE. C)



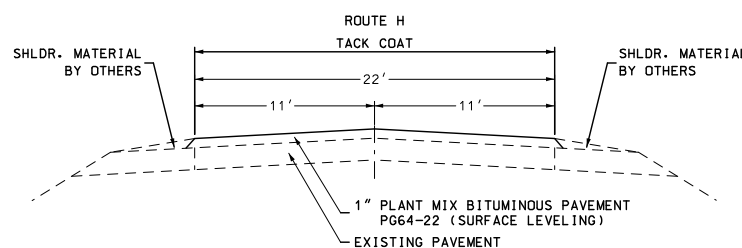
ROUTE H
TYPICAL SECTION
LM 0.164 TO LM 0.176



ROUTE H
TYPICAL SECTION
LM 7.918 TO LM 7.930



ROUTE H
TYPICAL SECTION
LM 0.176 TO LM 7.824



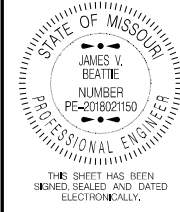
ROUTE H
TYPICAL SECTION
LM 7.930 TO LM 11.070
LM 11.070 TO LM 11.095 (EXCEPTION: BRIDGE A2587)
LM 11.095 TO LM 13.903
LM 13.903 TO LM 13.940 (EXCEPTION: BRIDGE A2588)
LM 13.940 TO LM 15.619
LM 15.619 TO LM 15.639 (BRIDGE B0470) (TACK COAT AT A RATE OF 0.25 GAL/YD²) *
LM 15.639 TO LM 19.338

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TONS/YD ³
TACK COAT (SURFACE LEVELING)	0.08 GAL/YD ²

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

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 2



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/5/2024

ROUTE	STATE
H/M	MO

DISTRICT	SHEET NO.
CD	2

COUNTY
PHELPS/DENT

JOB NO.
JCD0067

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

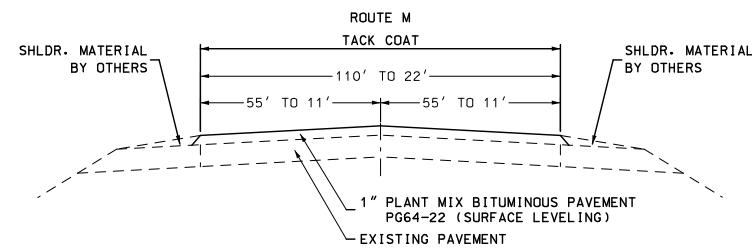
DATE	DESCRIPTION

DATE	DESCRIPTION

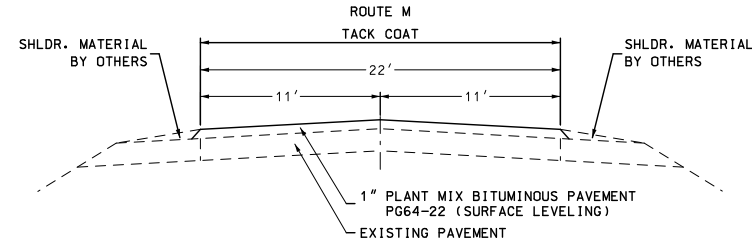
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



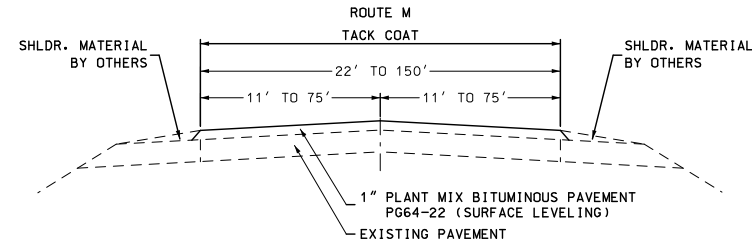
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



ROUTE M
TYPICAL SECTION
LM 0.000 TO LM 0.012



ROUTE M
TYPICAL SECTION
LM 0.012 TO LM 8.470
LM 8.470 TO LM 8.505 (EXCEPTION: BRIDGE A1879)
LM 8.505 TO LM 11.396



ROUTE M
TYPICAL SECTION
LM 11.396 TO LM 11.410

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.987 TONS/YD ³
TACK COAT (SURFACE LEVELING)	0.08 GAL/YD ²

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

NOT TO SCALE

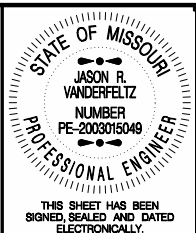
TYPICAL SECTIONS
SHEET 2 OF 2

1" SURFACE LEVELING (PG64-22) ROUTE H									
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)	1" SURFACE LEVELING (PG64-22) (1.987 TON/CY)	TACK (GAL)	GRAVEL (A) CRUSHED STONE (B) (TONS)	REMARKS
0.000	0.012	RTE. H	65.00	VARIES	471.2	26.01	37.70		BEGIN AT RTE 63
0.012	0.164	RTE. H	802.56	22	1961.8	108.3	156.94		RTE. H & BROADWAY ST.
0.164	0.176	RTE. H	65.00	VARIES	384.4	21.2	30.75		
0.176	7.824	RTE. H	40381.44	22	98710.2	5448.3	7896.82		
7.824	7.836	RTE. H	60.00	VARIES	351.8	19.4	28.14		RTE. H & RTE. C
7.836	7.918	RTE. H	432.96	22					EXCEPTION: RTE. C
7.918	7.930	RTE. H	60.00	VARIES	434.7	24.0	34.78		RTE. H & RTE. C
7.930	11.070	RTE. H	16579.20	22	40526.9	2236.9	3242.15		
11.070	11.095	RTE. H	132.00	22					EXCEPTION: BRIDGE A2587
11.095	13.903	RTE. H	14826.24	22	36241.9	2000.4	2899.35		
13.903	13.940	RTE. H	195.36	22					EXCEPTION: BRIDGE A2588
13.940	15.619	RTE. H	8865.12	22	21670.3	1196.1	1733.62		
15.619	15.639	RTE. H	105.60	24	281.6	15.5	67.0		BRIDGE B0470 (TACK COAT AT A RATE OF 0.25 GAL/YD ²)
15.639	19.338	RTE. H	19530.72	22	47741.8	2635.1	3819.34		
19.338	19.362	RTE. H	126.72	VARIES	807.9	44.6	64.63		RTE. H & RTE. 72
0.014	0.019	BROADWAY ST.	25.00	20	55.6	3.1	4.45		AT RTE. H
0.303	0.311	TIMOTHY ST.	25.00	VARIES	53.9	3.0	4.31		AT RTE. H
0.014	0.019	WALNUT ST.	25.00	VARIES	144.9	8.0	11.59		AT RTE. H
12.598	12.623	RTE. CC	132.00	VARIES	278.4	15.4	22.27		AT RTE. H
15.998	16.026	RTE. DD	147.84	VARIES	398.0	22.0	31.84		AT RTE. H
						2765.5			20% FOR IRREGULARITIES
						40.0	58.0	1125.0	ENTRANCES / COUNTY RDS. / MAILBOXES
					SUB-TOTAL	16632.8	20143.68	1125.0	
					USE	16633	20144	1125	

SEE TYPICAL SECTIONS FOR ESTIMATE FACTORS

1" SURFACE LEVELING (PG64-22) ROUTE M									
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)	1" SURFACE LEVELING (PG64-22) (1.987 TON/CY)	TACK (GAL)	GRAVEL (A) CRUSHED STONE (B) (TONS)	REMARKS
0.000	0.012	RTE. M	65	VARIES	374.6	20.68	29.97		BEGIN / RTE. J
0.012	8.470	RTE. M	44658.24	22	109164.6	6025.3	8733.17		
8.470	8.505	RTE. M	184.80						EXCEPTION: BRIDGE A1879
8.505	11.396	RTE. M	15264.48	22	37313.2	2059.5	2985.06		
11.396	11.410	RTE. M	75.0	VARIES	476.3	26.3	38.10		END / RTE. 63
5.804	5.819	RTE. M	79.00	VARIES	284.6	15.7	22.77		CONNECTOR BETWEEN RTE. M & RTE. T
5.841	5.852	RTE. M	55.00	VARIES	124.4	6.9	9.95		AT RTE. M
						1630.9			20% FOR IRREGULARITIES
						40.0	58.0	556.0	ENTRANCES / COUNTY RDS. / MAILBOXES
					SUB-TOTAL	9825.3	11877.02	556.0	
					USE	9825	11877	556	

SEE TYPICAL SECTIONS FOR ESTIMATE FACTORS



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
9/17/2024

ROUTE H/M STATE MO

DISTRICT CD SHEET NO. 3

COUNTY
PHELPS/DENT

JOB NO.
JCD0067

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

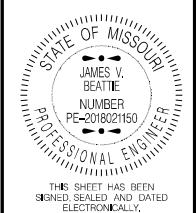
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MOD. COLDMILL (DEPTH TRANSITIONS) ROUTES H & M						
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SY)	REMARKS
0.000	0.012	RTE. H	65	VARIES	471.2	BEGIN AT RTE 63
0.014	0.019	BROADWAY ST.	25	20	55.6	AT RTE. H
0.014	0.019	WALNUT ST.	26	VARIES	144.9	AT RTE. H
0.303	0.311	TIMOTHY ST.	42	VARIES	53.9	AT RTE. H
7.824	7.836	RTE. H	60	VARIES	351.8	AT RTE. C
7.918	7.930	RTE. H	60	VARIES	434.7	AT RTE. C
11.065	11.070	RTE. H	25	22	61.1	BEGIN / BRIDGE A2587
11.095	11.100	RTE. H	25	22	61.1	END / BRIDGE A2587
12.598	12.623	RTE. CC	10	22	24.4	AT RTE. H
13.898	13.903	RTE. H	25	22	61.1	BEGIN / BRIDGE A2588
13.940	13.945	RTE. H	25	22	61.1	END / BRIDGE A2588
15.614	15.619	RTE. H	25	22	61.1	BEGIN / BRIDGE B0470
15.639	15.644	RTE. H	25	22	61.1	END / BRIDGE B0470
15.998	16.026	RTE. DD	10	22	24.4	AT RTE. H
19.338	19.362	RTE. H	110	VARIES	807.9	END AT RTE. 72
0.000	0.012	RTE. M	65	VARIES	374.6	BEGIN AT RTE J
5.804	5.819	CONNECTOR	79	10	54.6	1ST. ENTRANCE AT RTE. M
		CONNECTOR	70	10	58.0	2ND ENTRANCE AT RTE. T
8.465	8.470	RTE. M	25	22	61.1	BEGIN / BRIDGE A1879
8.505	8.510	RTE. M	25	22	61.1	END / BRIDGE A1879
5.841	5.852	RTE. M	55	22	124.4	RTE. T
11.396	11.410	RTE. M	75	VARIES	476.3	END AT RTE. 63
5.805	5.817	RTE. T	63	VARIES	243.5	AT RTE. M
				SUB-TOTAL	4189.0	
				USE	4189	

PAVEMENT MARKING									
LOG MILE	LOG MILE	ROUTE	LENGTH (MILES)	LENGTH (FT)	WATERBORNE PAINT TYPE P BEADS			PREFORMED THERMOPLASTIC	REMARKS
					4" SOLID YELLOW (LF)	4" SOLID WHITE (LF)	8" SOLID WHITE (LF)	24" SOLID WHITE STOP BARS (LF)	
0.000	19.362	RTE. H	19.362	102231.36	204462.7	204462.7			
19.350	19.355	RTE. H					80.0		PAINTED ISLAND / WBL
19.350	19.355	RTE. H					80.0		PAINTED ISLAND / EBL
19.354		RTE. H					11.0		EBL
19.356		RTE. H			25.0				WBL
19.356		RTE. H			25.0				EBL
0.000	11.410	RTE. M	11.410	60244.80	120489.6	120489.6			
				SUB TOTAL	325002.3	324952.3	160.0	11.0	
				TOTAL	325002	324952	160	11	

NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.



DATE PREPARED
8/5/2024

ROUTE STATE
H/M MO

DISTRICT SHEET NO.
CD 3

COUNTY
PHELPS/DENT

JOB NO.
JCD0067

CONTRACT ID.

PROJECT NO.

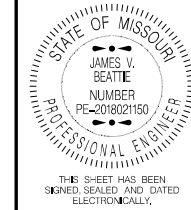
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/5/2024

ROUTE H/M STATE MO

DISTRICT CD SHEET NO. 3

COUNTY PHELPS/DENT

JOB NO. JCD0067

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)

CONSTRUCTION SIGNING

SIGN NO.	SIGN	SIZE (in)	AREA (sf)	QTY.	TOTAL AREA (sf)	DESCRIPTION
2	16.00	48 x 48	16.00	22	352.00	ROAD WORK AHEAD
7	16.00	48 x 48	16.00	10	160.00	ONE LANE ROAD AHEAD
8	16.00	48 x 48	16.00	22	352.00	FLAGGER (SYMBOL) WITH FLAGS
1	10.00	60 x 24	10.00	4	40.00	ROAD WORK NEXT XX MILES 1 2-XX MILES
26	8.00	48 x 24	8.00	4	32.00	END ROAD WORK
35	16.00	48 x 48	16.00	32	512.00	NO CENTER LINE
36	16.00	48 x 48	16.00	58	928.00	UNEVEN LANES
53	4.50	36 x 18	4.5	2	9.0	PILOT CAR FOLLOW ME
58	8.75	42 x 30	8.75	3	26.25	PILOT CAR IN USE WAIT & FOLLOW
58	1.50	18 x 12	1.50	11	16.50	PILOT CAR IN USE WAIT & FOLLOW
11	16.00	48 x 48	16.00	14	224.00	BE PREPARED TO STOP
59	12.00	48 x 36	12.00	4	48.00	WORK ZONE NO PHONE ZONE
G022-1	2.19	21 x 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
616-10.05					2708.51	
CONSTRUCTION SIGNS TOTAL					2709	

* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 3 OF 5 AND AS DIRECTED BY ENGINEER.

NOTE:

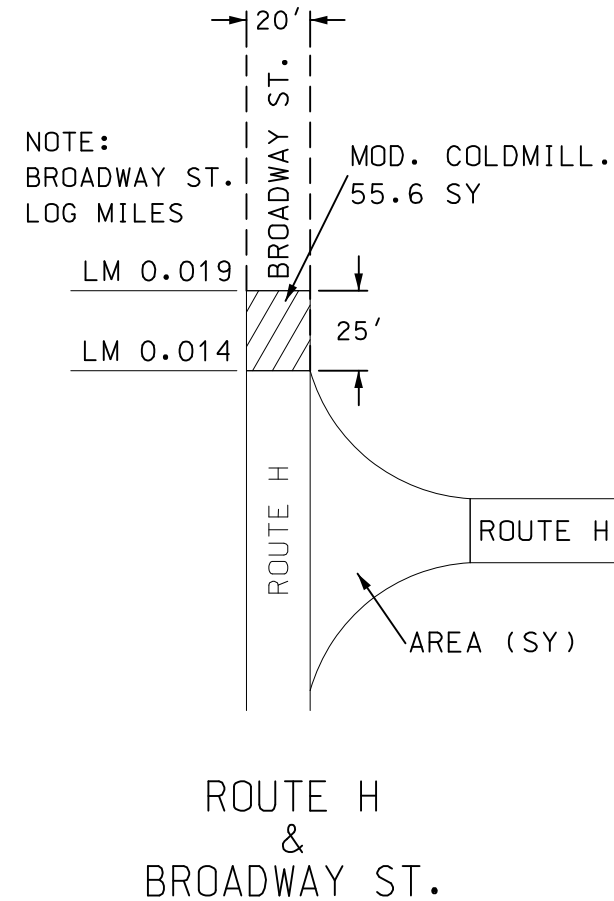
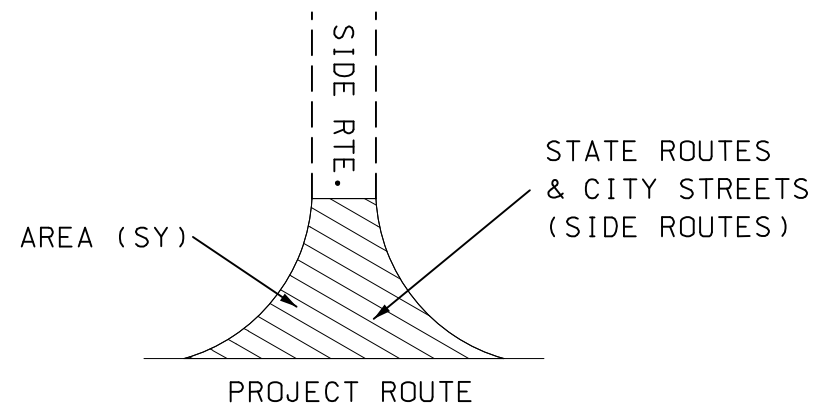
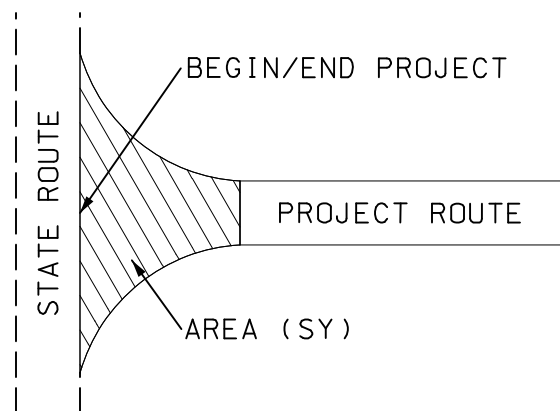
REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

CONSTRUCTION ITEMS

ITEM NO.	QTY.	DESCRIPTION
616-1025	150	CHANNELIZERS
616-1098A	4	CHANGEABLE MESSAGE SIGNS

MOBILIZATION

1 LUMP SUM



NOTE:
BROADWAY ST.
LOG MILES

MOD. COLDMILL.
55.6 SY

LM 0.019

LM 0.014

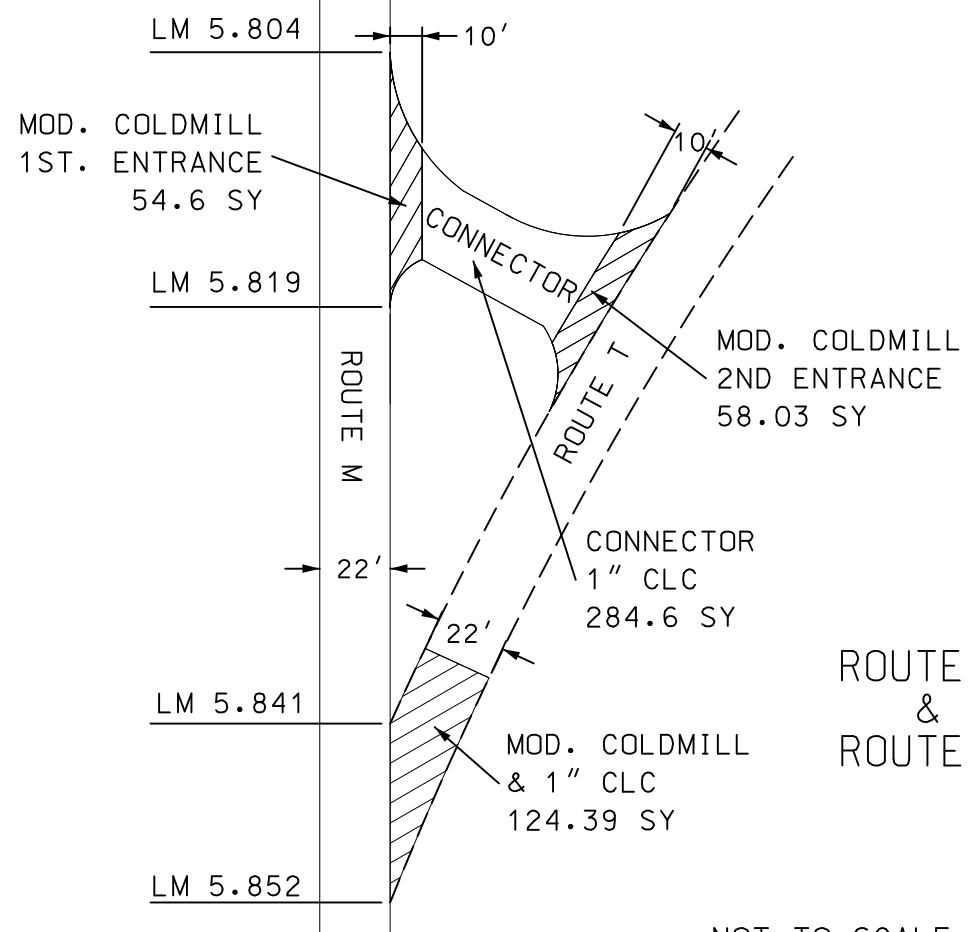
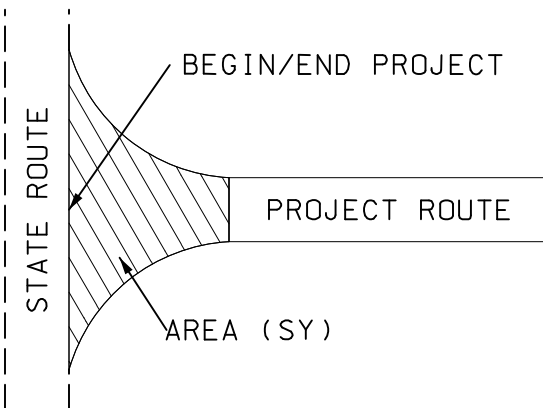
ROUTE H
&
BROADWAY ST.

ROUTE H (BEGIN & END)

LOG MILE	LOG MILE	ROUTE	AREA (SY)	REMARKS
0.000	0.012	RTE. H	471.2	RTE. 63/BEGIN
0.164	0.176	RTE. H	384.4	RTE. H/BROADWAY ST.
7.824	7.836	RTE. H	351.8	RTE. C/END
7.918	7.930	RTE. H	434.7	RTE. C/BEGIN
19.338	19.362	RTE. H	807.9	RTE. 72/END

ROUTE H (STATE & CITY SIDE RTE.S.)

LOG MILE	LOG MILE	ROUTE	AREA (SY)	REMARKS
0.303	0.311	TIMOTHY ST.	53.9	CITY ST.
0.415	0.425	WALNUT ST.	144.9	CITY ST.
12.598	12.623	RTE. CC	278.4	STATE RTE.
15.998	16.026	RTE. DD	398.0	STATE RTE.



ROUTE M (BEGIN/END)

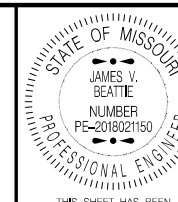
LOG MILE	LOG MILE	ROUTE	AREA (SY)	REMARKS
0.000	0.012	RTE. M	374.6	RTE. J/BEGIN
11.396	11.410	RTE. M	476.3	RTE. 63/END

NOTES:
SEE SPECIAL SHEET 2 OF 2 FOR DETAILS.
VERIFY LOCATIONS IN THE FIELD BEFORE INSTALLATION.

ROUTE M
&
ROUTE T

NOT TO SCALE

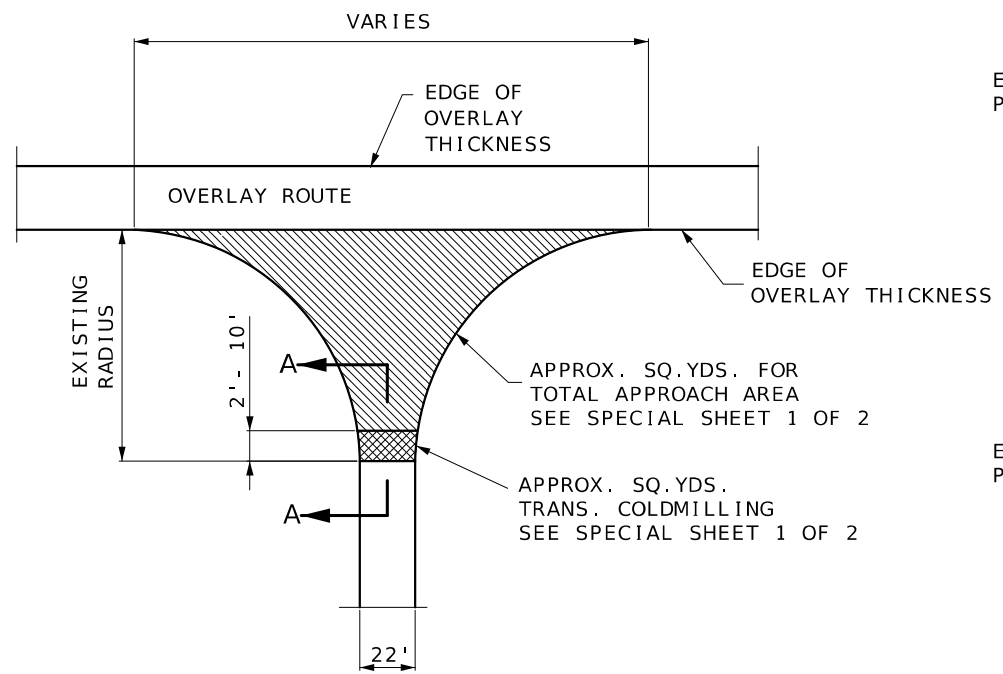
SPECIAL SHEET
SHEET 1 OF 2



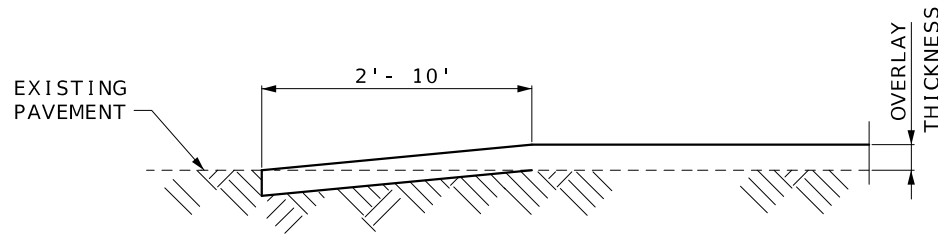
STATE OF MISSOURI
JAMES V. BEATTIE
NUMBER
PE-2018021150
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.
DATE PREPARED
8/5/2024
ROUTE
H/M
STATE
MO
DISTRICT
CD
SHEET NO.
4
COUNTY
PHELPS/DENT
JOB NO.
JCD0067
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

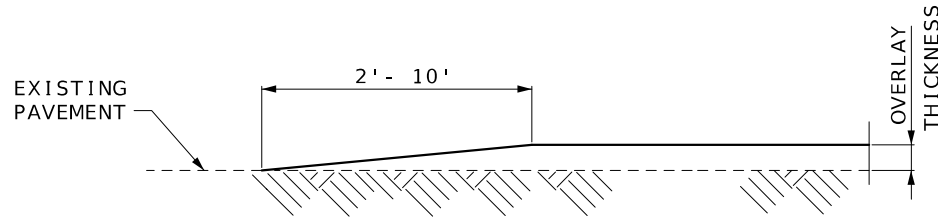
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT



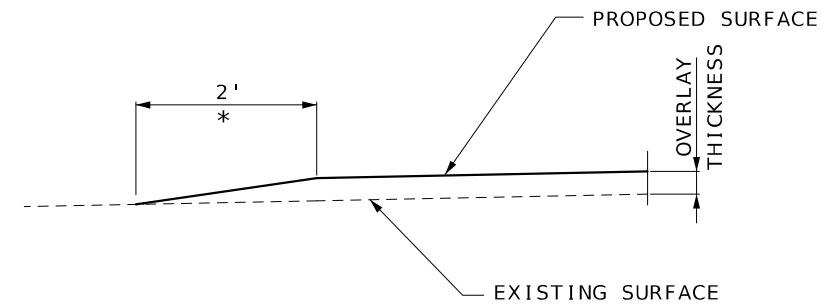
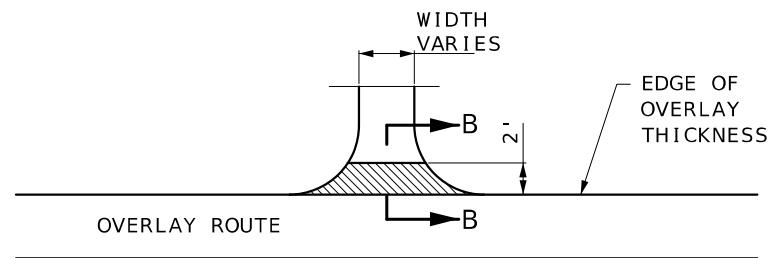
TYPICAL STATE ROUTE JUNCTION



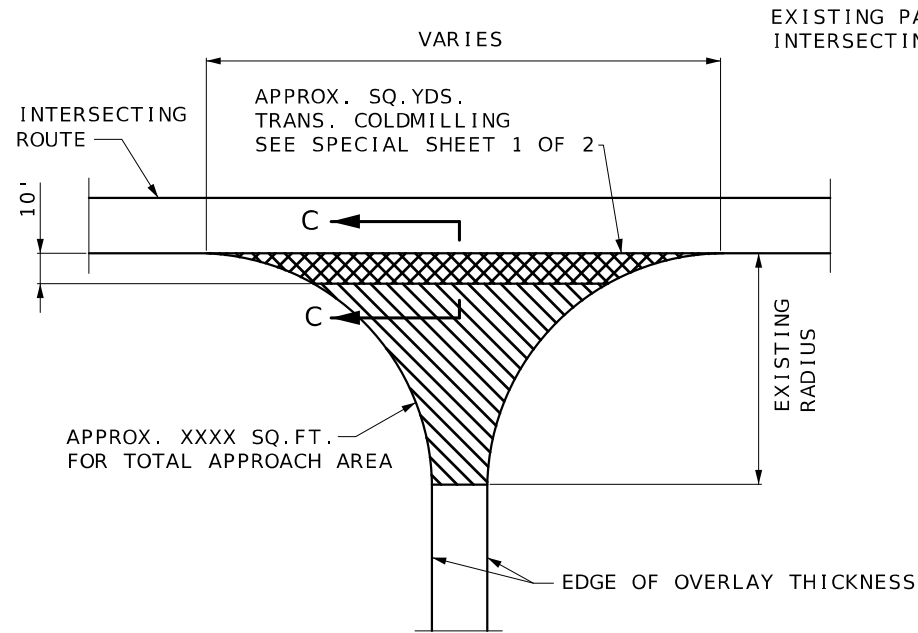
SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



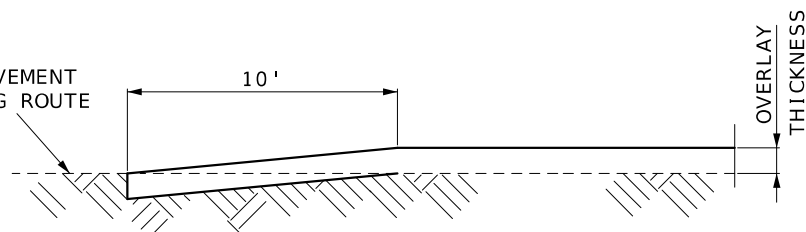
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)



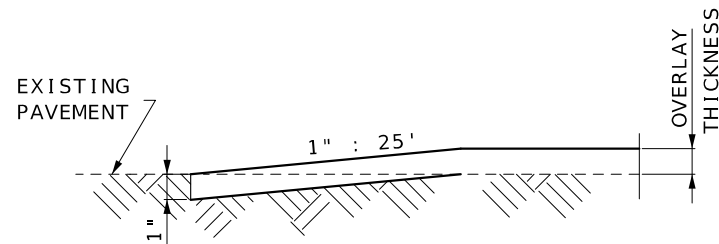
SECTION B-B
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



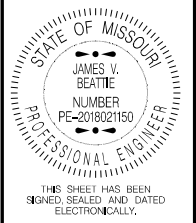
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



SECTION C-C
DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



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

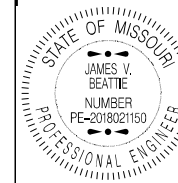


DATE PREPARED 8/5/2024	
ROUTE H/M	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY PHELPS/DENT	
JOB NO. JCD0067	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



THIS SHEET HAS BEEN
ELECTRONICALLY
SIGNED, SEALED AND DATED

DATE PREPARED
8/5/2024

ROUTE STATE
H/M MO

DISTRICT SHEET NO.
CD 6

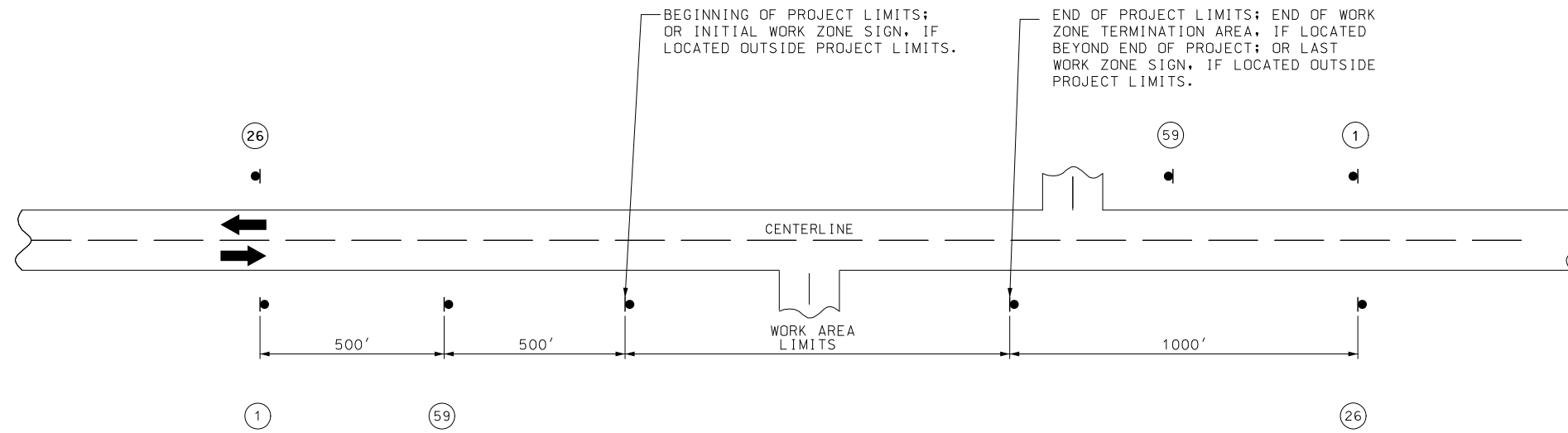
COUNTY
PHELPS/DENT

JOB NO.
JCD0067

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

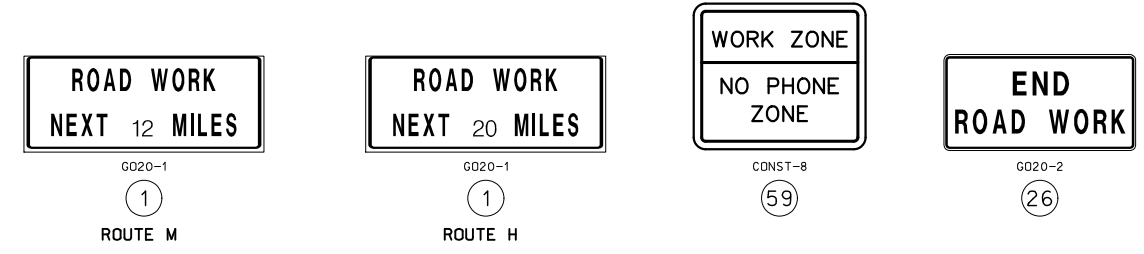


NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

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



W020-1
(2)



W020-4
(7)

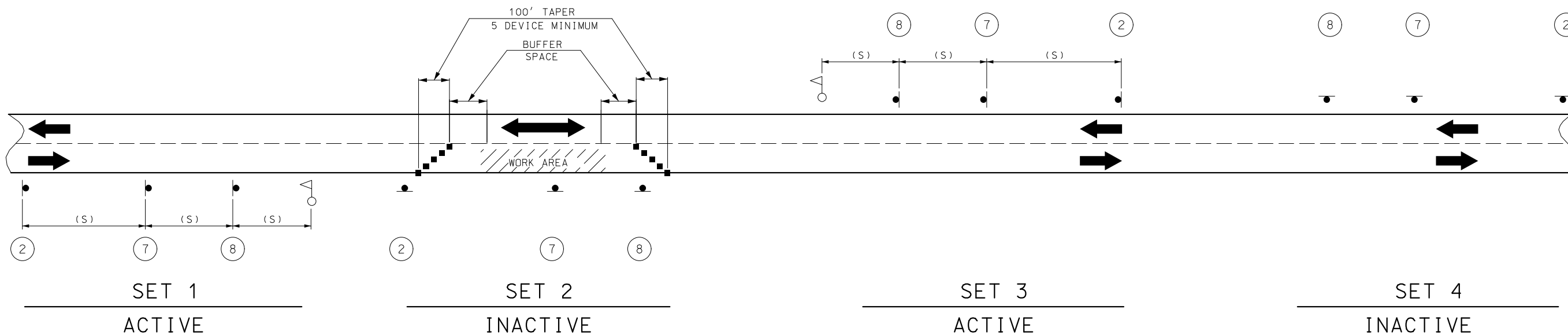


W020-7a
(8)



G020-4
(53)

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



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

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

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

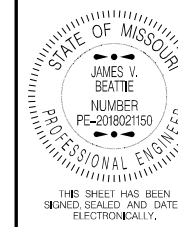
■ - CHANNELIZERS

◁ - FLAGGER

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

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



DATE PREPARED
8/5/2024

ROUTE H/M STATE MO

DISTRICT CD SHEET NO. 7

COUNTY PHELPS/DENT

JOB NO. JCD0067

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)

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

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

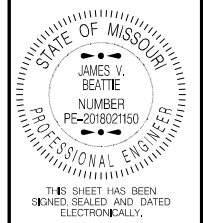
SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

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

- - CHANNELIZERS (AS SPECIFIED)
- △ - FLAGGER

NOT TO SCALE



DATE PREPARED
 8/5/2024

ROUTE STATE
 H/M MO

DISTRICT SHEET NO.
 CD 8

COUNTY
 PHELPS/DENT

JOB NO.
 JCD0067

CONTRACT ID.

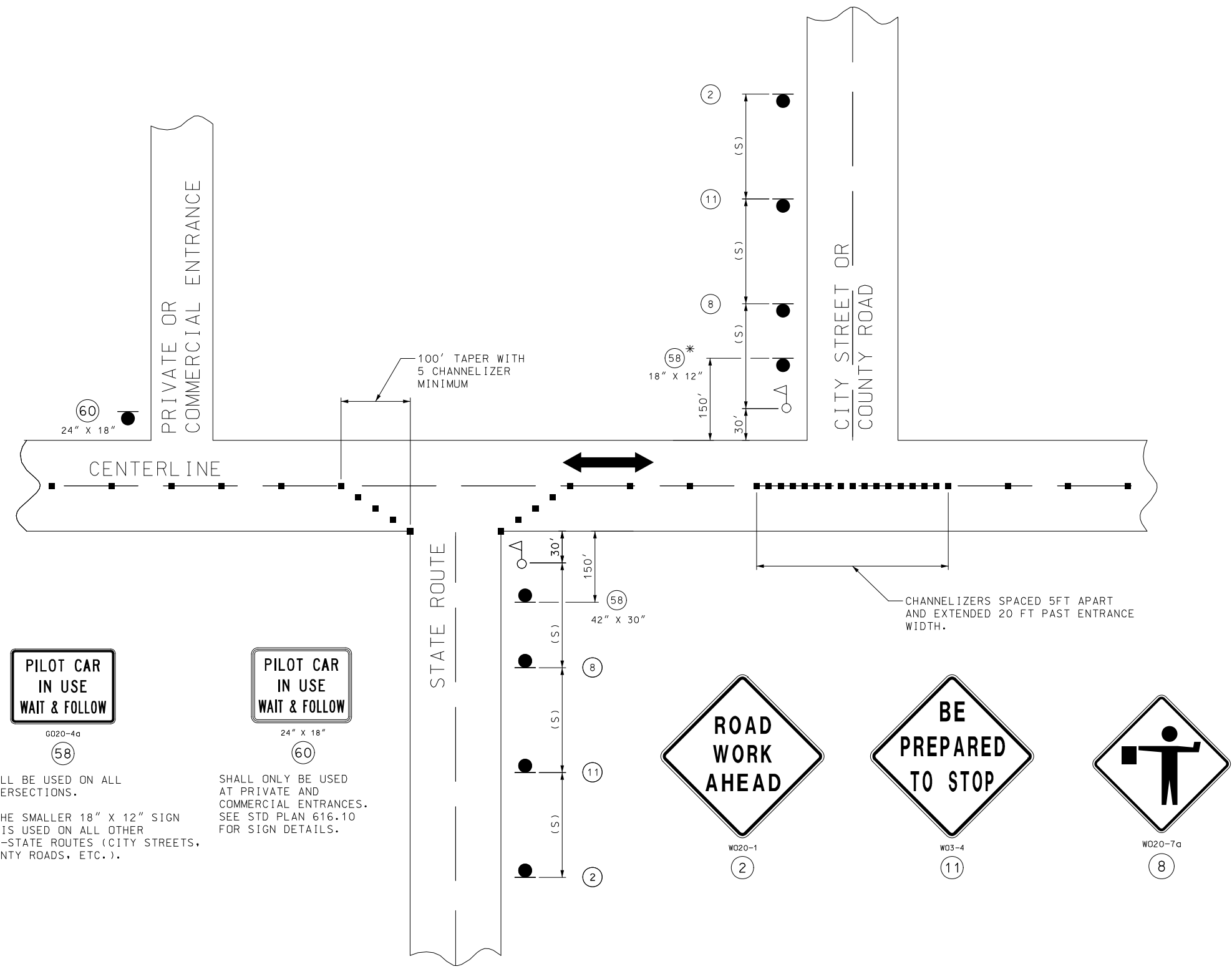
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

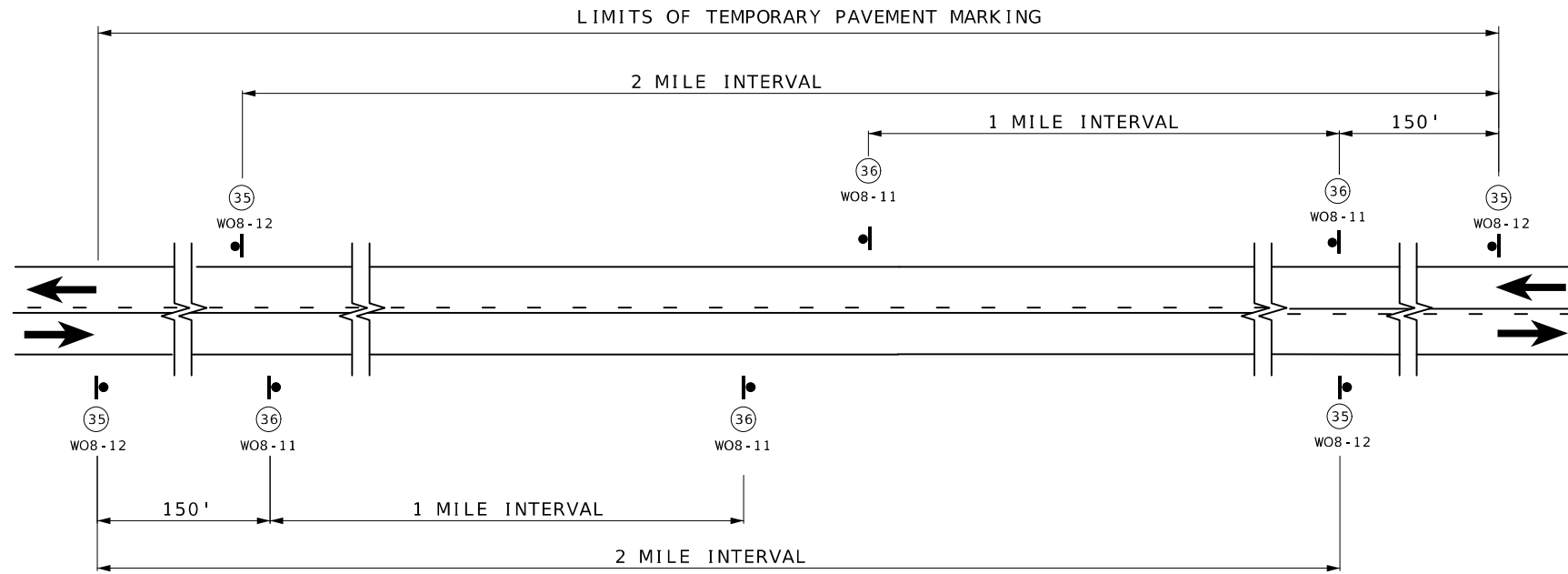
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



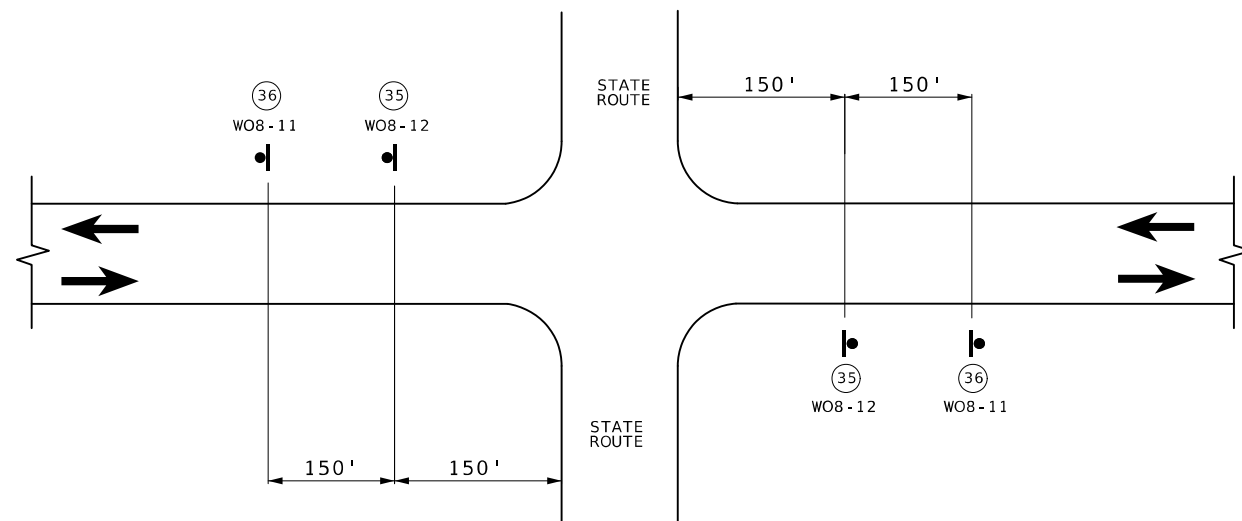
SHALL BE USED ON ALL INTERSECTIONS.

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

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE



NOTES:

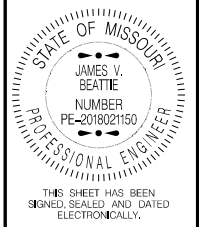
SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS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

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

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

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 5

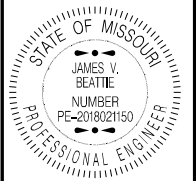


DATE PREPARED 8/5/2024	
ROUTE H/M	STATE MO
DISTRICT CD	SHEET NO. 9
COUNTY PHELPS/DENT	
JOB NO. JCD0067	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/5/2024

ROUTE STATE
H/M **MO**

DISTRICT SHEET NO.
CD **10**

COUNTY
PHELPS/DENT

JOB NO.
JCD0067

CONTRACT ID.

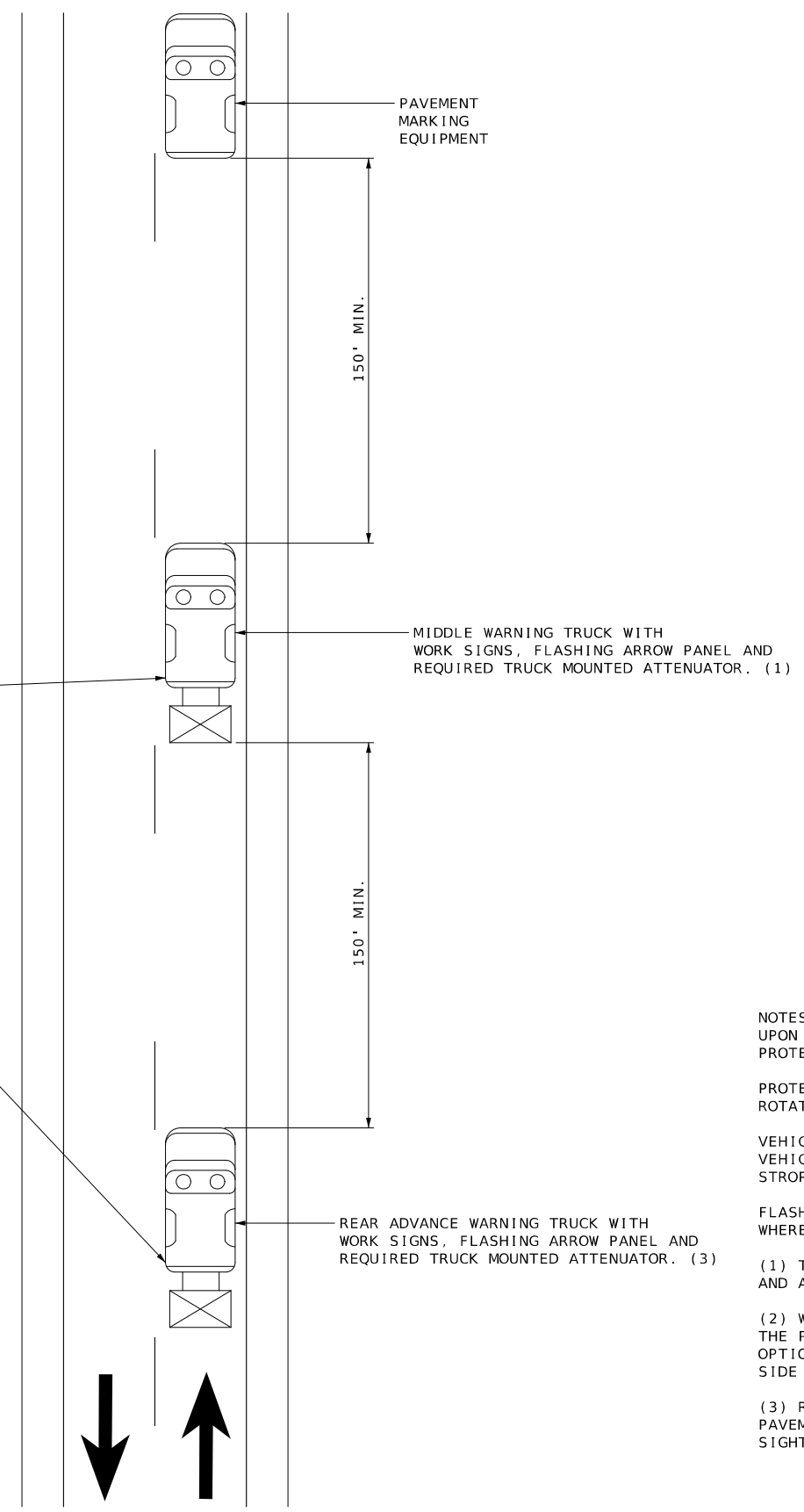
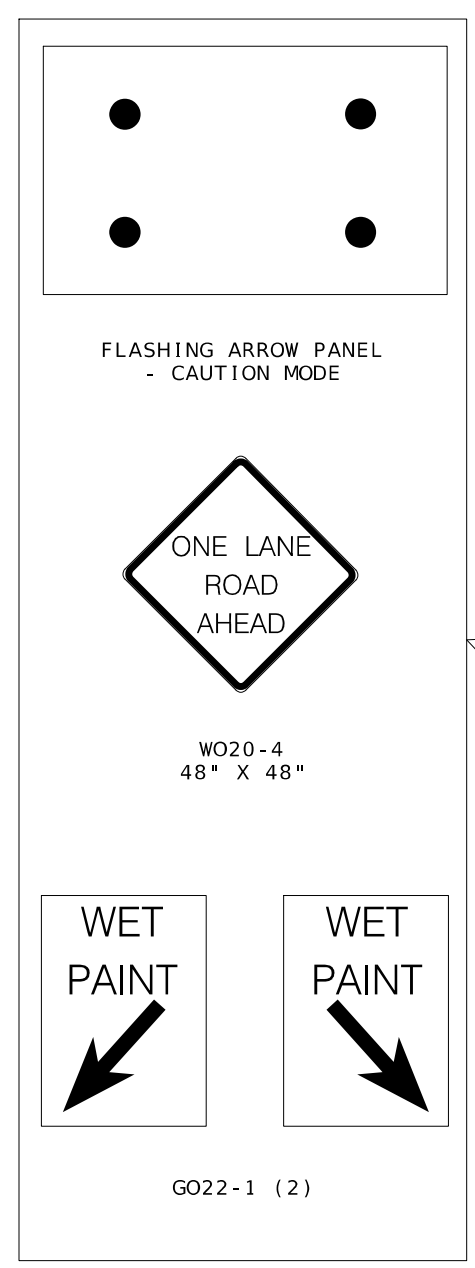
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

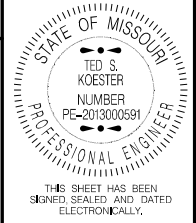
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

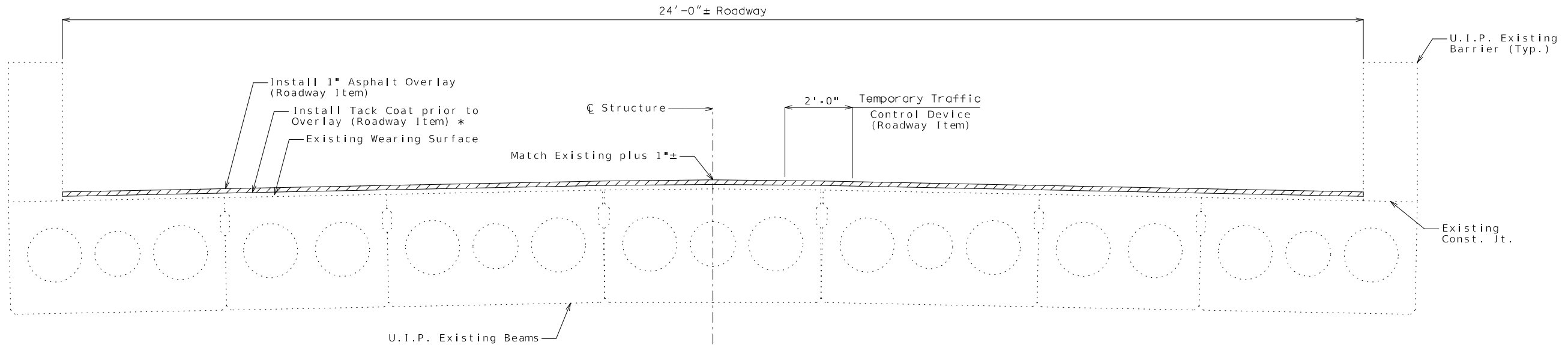


- NOTES:
- UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCK EQUIPPED WITH PROPER WARNING DEVICES.
 - PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
 - VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
 - FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.
 - (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
 - (2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
 - (3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

U.I.P. AND REHABILITATE EXISTING (70', 30') SIMPLE PRESTRESSED CONCRETE VOIDED SLAB SPANS (SKEW: 20° R.A.)



DATE PREPARED	
9/12/2024	
ROUTE	STATE
H	MO
DISTRICT	SHEET NO.
BR	1
COUNTY	
DENT	
JOB NO.	
JCD0067	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
B04701	



TYPICAL CROSS SECTION

Note: Any future wearing surface will require milling existing wearing surfaces.

* Apply 67 gallons of Tack Coat at a rate of 0.25 gal/yd² to create a seal between overlay and bridge deck.

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
Vehicular = HS-20
Future Wearing Surface = 35 lb/sf after 2" mill of existing Asphalt Overlays
Earth = 120 lb/cf
Equivalent Fluid Pressure = 45 lb/cf (Min.)

Traffic Handling:
Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Miscellaneous:
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Cost of labor and materials for stenciling a bridge number will be considered completely covered by contract unit price for other items.

New wearing surface material shall be tapered at barrier drain outlets to keep existing opening from plugging (Typ.).

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (Roadway Item).

Contractor shall verify all dimensions in field before ordering new material.

REPAIRS TO BRIDGE: ROUTE H OVER HOLT CREEK

ROUTE H FROM ROUTE CC TO ROUTE DD
ABOUT 0.4 MILE WEST OF ROUTE DD
BEGINNING STATION 99+97.82± (MATCH EXISTING)

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

