MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

MISSISSIPPI COUNTY

DESIGN DESIGNATION

ADA ST TO SOUTH ST
A.A.D.T. - 2023 = 7106
A.A.D.T. - 2033 = 7470
D.H.V. = 8%
T = 5%
V = 25 M.P.H.
D = 50%
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

IS 57 TO RTE C/RTE D
A.A.D.T. - 2023 = 4009
A.A.D.T. - 2033 = 4214
D.H.V. = 9%
T = 9%
V = 45, 60 M.P.H.
D = 48%
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

MO 102 TO MO 80
A.A.D.T. - 2023 = 4083
A.A.D.T. - 2033 = 4291
D.H.V. = 9%
T = 6%
V = 35, 55, 60 M.P.H.
D = 51%
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

NO NEW R/W

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	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	
REMOVAL	R	
REMOVAL BY OTHERS	(R)	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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)	4-6
TRAFFIC CONTROL SHEETS (TC)	7-9

LENGTH OF PROJECT

BEGINNING OF PROJECT-RTE 105	LM 0.000	
END OF PROJECT-RTE 105	LM 10.529	
APPARENT LENGTH-RTE 105	10.529	MILES
EQUATIONS AND EXCEPTIONS:		
LM 1.024 TO LM 1.098 (BR A0462)	-396.00	FEET
LM 9.131 TO LM 9.147 (BR F0759)	-85.00	FEET
TOTAL CORRECTIONS	-481.00	FEET
NET LENGTH OF PROJECT	55112.12	FEET
STATE LENGTH	10.438	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0	ACRES

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
08/17/2023 12:27:16 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
8/17/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 1
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

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.

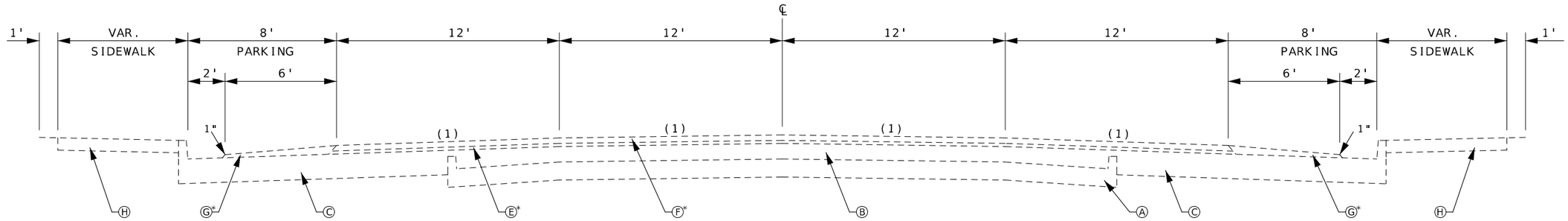
REV.

PAVEMENT DESIGN

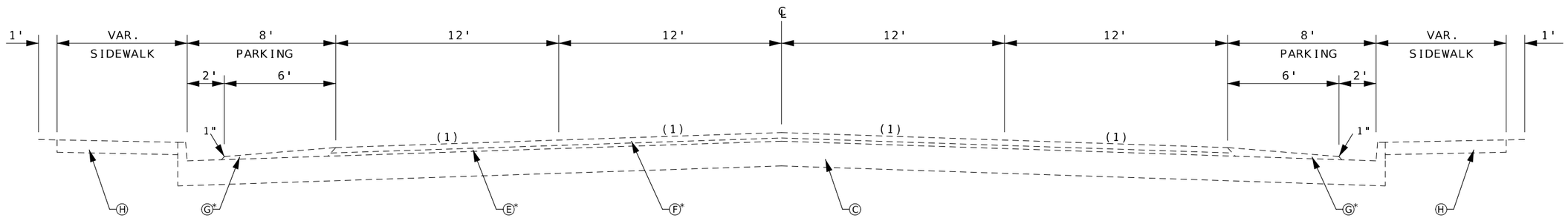
Ⓐ EXISTING PAVT
Ⓑ 5" CONC PCCP (1961)
Ⓒ 8" CONC PCCP (1961)
Ⓓ 2½" SAND MAT ASPHALT (1961)
Ⓔ 1" SURFACE LEVELING SP125C PG70-22 (2011)
Ⓕ 1¾" SP125C PG70-22 (2011)
Ⓖ VAR BP-1 PG64-22 (2011)
Ⓗ EXISTING SIDEWALK (2022)
Ⓘ 1½" BP-2 PG70-22 (NEW)

* REPLACE BOTH THESE LIFTS WITH A SINGLE 1½" BP-2 PG70-22 MILL/FILL (NEW)

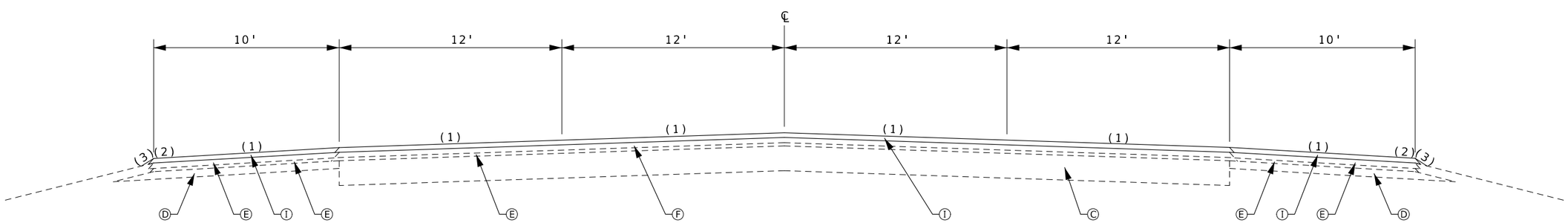
(1) MATCH EXIST CROSS SLOPE
(2) SAFETY EDGE
(3) PERMANENT AGG EDGE TREATMENT



TYPICAL SECTION RTE 105
LM 0.000 TO LM 0.506



TYPICAL SECTION RTE 105
LM 0.506 TO LM 0.731



TYPICAL SECTION RTE 105
LM 0.731 TO LM 1.240

EXCEPTION: BR A0462
LM 1.024 TO LM 1.098

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:40:46 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/27/2023
ROUTE	105
STATE	MO
DISTRICT	SE
SHEET NO.	2
COUNTY	MISSISSIPPI
JOB NO.	J9S3714
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

DATE	DESCRIPTION

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

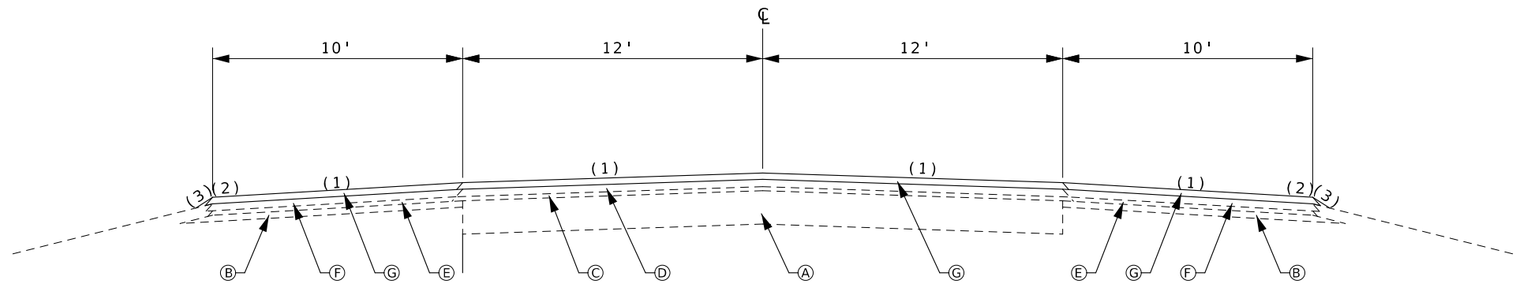
TYPICAL SECTION
SHEET 1 OF 5

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

PAVEMENT DESIGN

Ⓐ 8" CONC PCCP (1961)
Ⓑ 1½" SAND MAT ASPHALT (1961)
Ⓒ 1" SURFACE LEVELING SP125C PG70-22 (2011)
Ⓓ 1¾" SP125C PG70-22 (2011)
Ⓔ 1" SURFACE LEVELING BP-1 PG64-22 (2011)
Ⓕ 1¾" BP-1 PG64-22 (2011)
Ⓖ 1½" BP-2 PG70-22 (NEW)

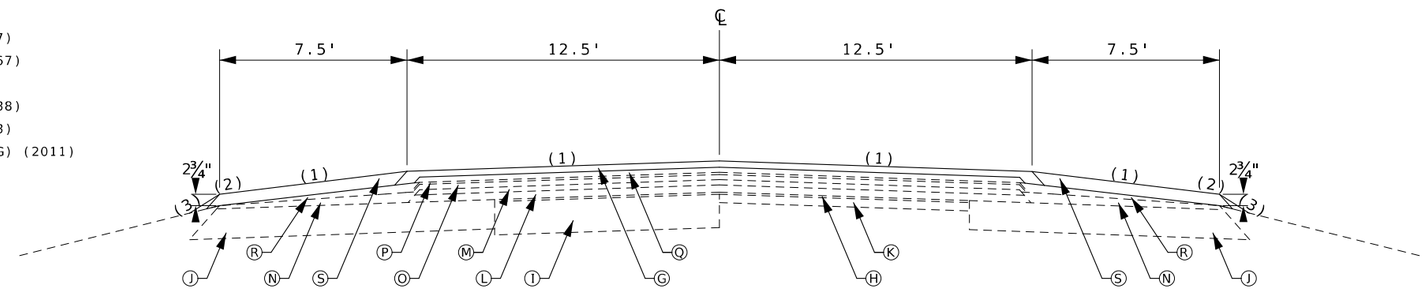
(1) MATCH EXIST CROSS SLOPE
(2) SAFETY EDGE
(3) PERMANENT AGG EDGE TREATMENT



TYPICAL SECTION RTE 105
LM 1.240 TO LM 1.597

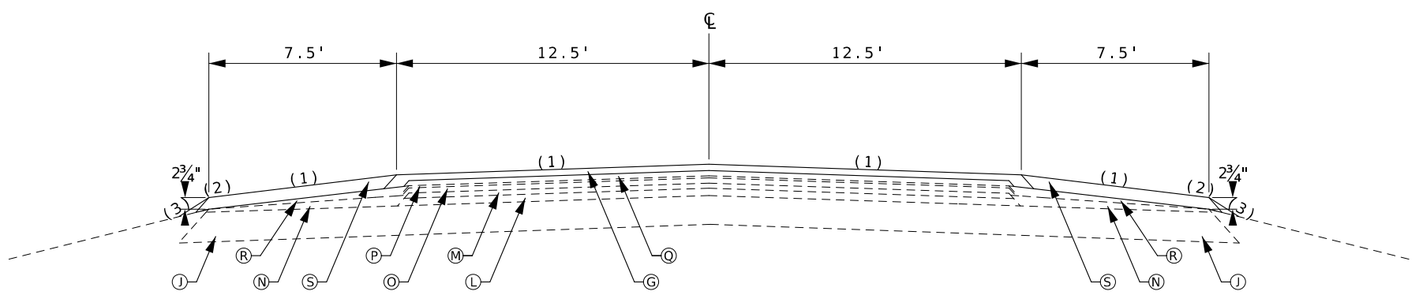
PAVEMENT DESIGN

Ⓗ EXISTING ASPHALTIC CONCRETE (1934)
Ⓘ 8" CONC PCCP (1934)
Ⓙ 7" SOIL CEMENT (1934)
Ⓚ WEDGE COURSE (1967)
Ⓛ 1¾" ASPHALTIC CONCRETE (TYPE B) BINDER COURSE (1967)
Ⓜ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1967)
Ⓝ VAR. DEPTH ASPHALTIC CONCRETE (TYPE B) (1967)
Ⓞ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓟ ½" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓠ 1¼" PLANT MIX BITUMINOUS PAVEMENT (SURFACE LEVELING) (2011)
Ⓡ EXISTING ASPHALT
Ⓢ 2¾" BP-2 PG70-22 (NEW)



TYPICAL SECTION RTE 105

LM 1.597 TO LM 4.912
LM 5.111 TO LM 6.571
LM 6.658 TO LM 8.104
LM 8.331 TO LM 9.039
LM 9.191 TO LM 9.248



TYPICAL SECTION RTE 105
LM 4.912 TO LM 5.111

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:41:02 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

DESCRIPTION	DATE

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

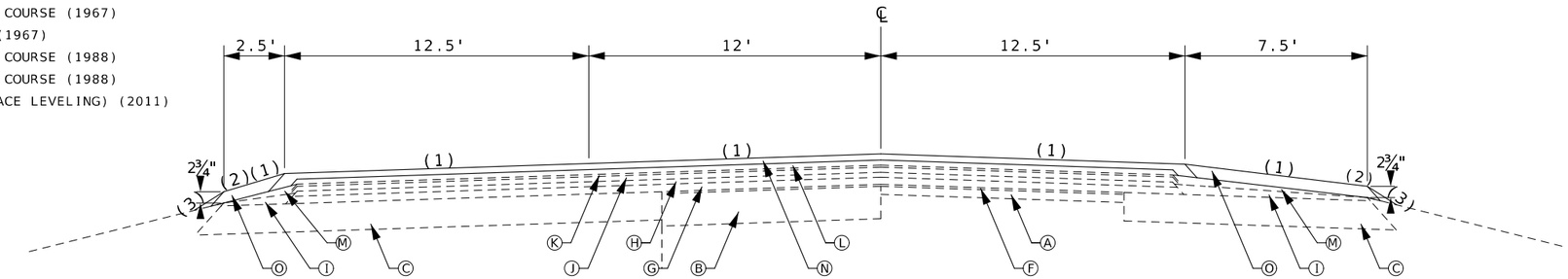
TYPICAL SECTION
SHEET 2 OF 5

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

PAVEMENT DESIGN

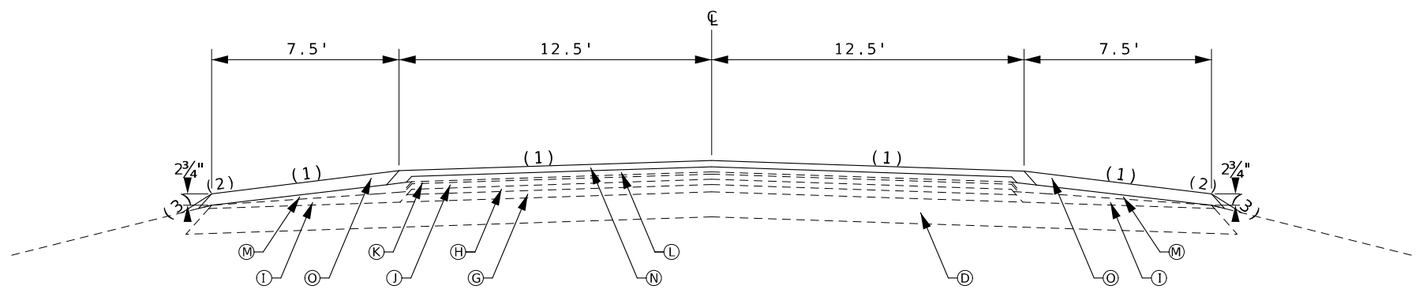
- Ⓐ EXISTING ASPHALTIC CONCRETE (1934)
- Ⓑ 8" CONC PCCP (1934)
- Ⓒ 7" SOIL CEMENT (1934)
- Ⓓ 6" SOIL CEMENT (1934)
- Ⓔ 8" CONC PCCP (1956)
- Ⓕ WEDGE COURSE (1967)
- Ⓖ 1¾" ASPHALTIC CONCRETE (TYPE B) BINDER COURSE (1967)
- Ⓗ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1967)
- Ⓘ VAR. DEPTH ASPHALTIC CONCRETE (TYPE B) (1967)
- Ⓙ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
- Ⓚ ½" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
- Ⓛ 1¼" PLANT MIX BITUMINOUS PAVEMENT (SURFACE LEVELING) (2011)
- Ⓜ EXISTING ASPHALT
- Ⓝ 1½" BP-2 PG70-22 (NEW)
- Ⓞ 2¾" BP-2 PG70-22 (NEW)

(1) MATCH EXIST CROSS SLOPE
(2) SAFETY EDGE
(3) PERMANENT AGG EDGE TREATMENT



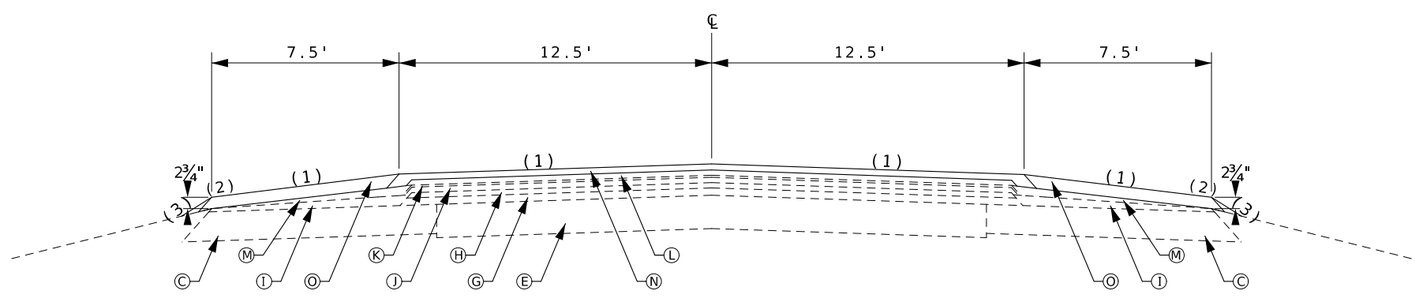
TYPICAL SECTION RTE 105

LM 6.571 TO LM 6.658



TYPICAL SECTION RTE 105

LM 8.104 TO LM 8.331
LM 9.248 TO LM 10.395



TYPICAL SECTION RTE 105

LM 9.039 TO LM 9.191

EXCEPTION: BR F0759

LM 9.131 TO LM 9.147

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:41:16 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE: 105	STATE: MO
DISTRICT: SE	SHEET NO.: 2
COUNTY: MISSISSIPPI	
JOB NO.: J9S3714	
CONTRACT ID.: X	
PROJECT NO.: X	
BRIDGE NO.: X	

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

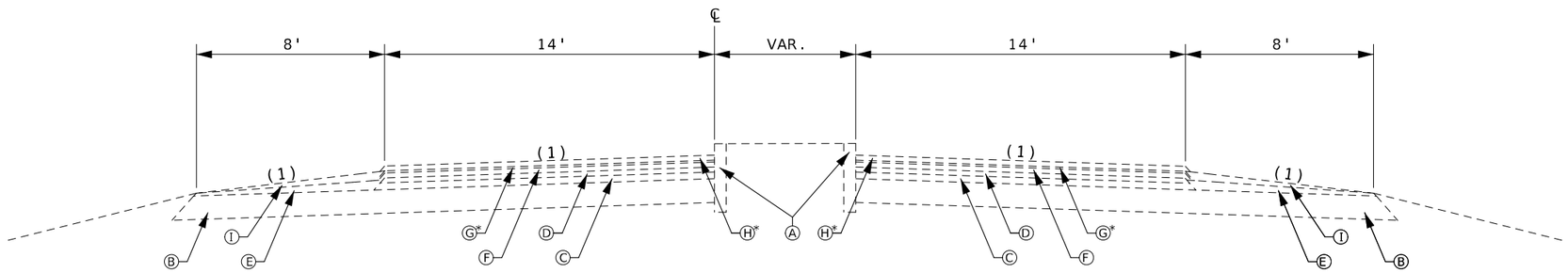
TYPICAL SECTION
SHEET 3 OF 5

PAVEMENT DESIGN

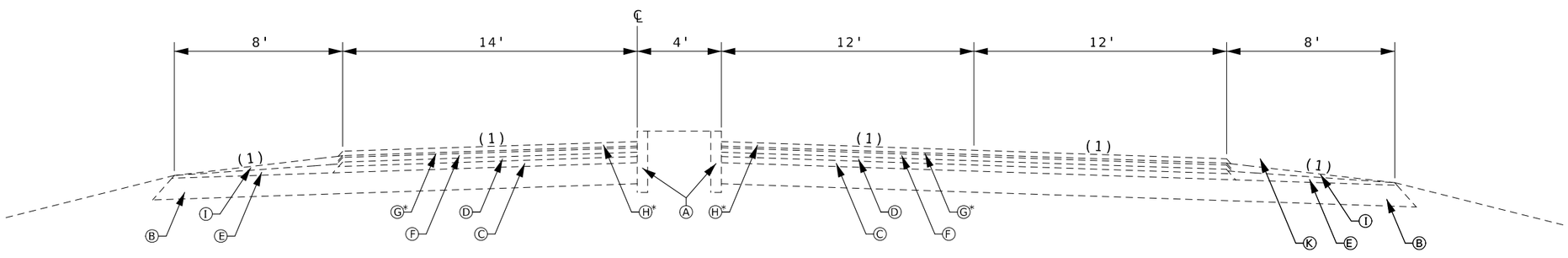
Ⓐ EXISTING 6" CONC CURB TYPE S (1934)
Ⓑ 6" SOIL CEMENT (1934)
Ⓒ 1¾" ASPHALTIC CONCRETE (TYPE B) BINDER COURSE (1967)
Ⓓ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1967)
Ⓔ VAR. DEPTH ASPHALTIC CONCRETE (TYPE B) (1967)
Ⓕ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓖ ½" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓗ 1¼" PLANT MIX BITUMINOUS PAVEMENT (SURFACE LEVELING) (2011)
Ⓘ EXISTING ASPHALT

* 1½" BP-2 PG70-22 MILL/FILL (NEW)

(1) MATCH EXIST CROSS SLOPE



TYPICAL SECTION RTE 105
LM 10.395 TO LM 10.479



TYPICAL SECTION RTE 105
LM 10.479 TO LM 10.529

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/28/2023 1:41:32 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

DESCRIPTION	DATE

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

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

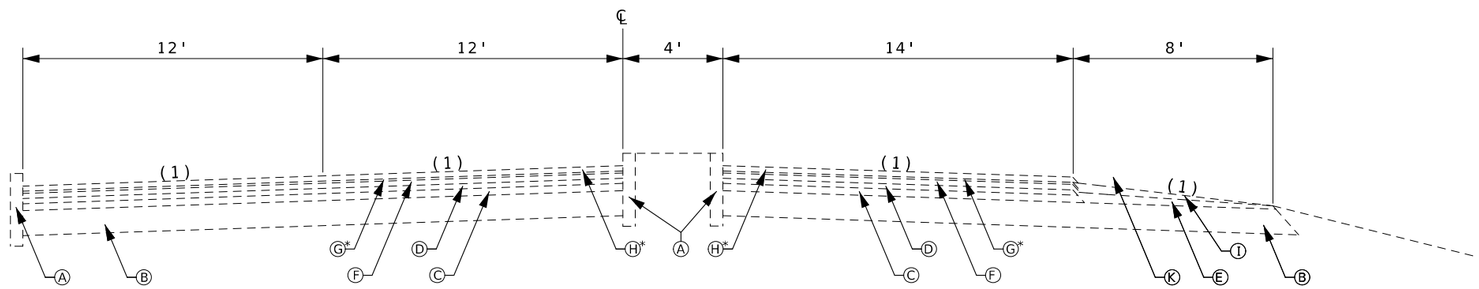
TYPICAL SECTION
SHEET 4 OF 5

PAVEMENT DESIGN

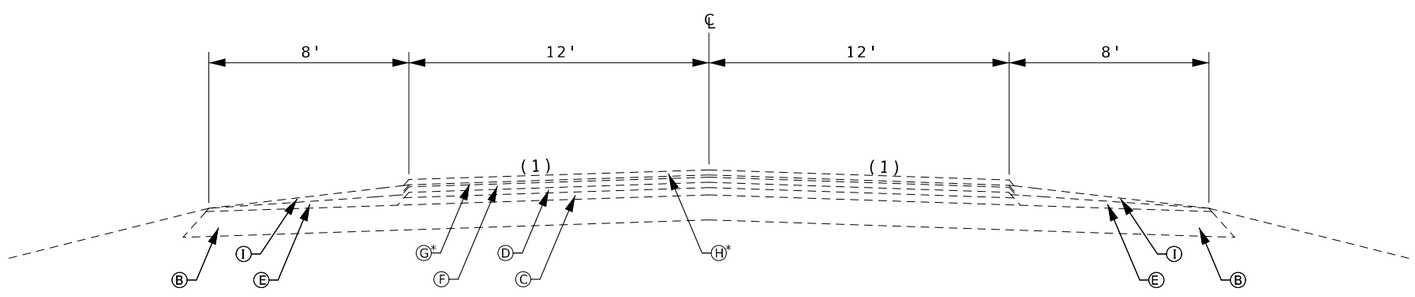
Ⓐ EXISTING 6" CONC CURB TYPE S (1934)
Ⓑ 6" ASPH. CONC. (1934)
Ⓒ 1¾" ASPHALTIC CONCRETE (TYPE B) BINDER COURSE (1967)
Ⓓ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1967)
Ⓔ VAR. DEPTH ASPHALTIC CONCRETE (TYPE B) (1967)
Ⓕ 1¼" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓖ ½" ASPHALTIC CONCRETE (TYPE C) SURFACE COURSE (1988)
Ⓗ 1¼" PLANT MIX BITUMINOUS PAVEMENT (SURFACE LEVELING) (2011)
Ⓘ EXISTING ASPHALT

* 1½" BP-2 PG70-22 MILL/FILL (NEW)

(1) MATCH EXIST CROSS SLOPE



TYPICAL SECTION RTE 80
LM 11.171 TO LM 11.109



TYPICAL SECTION RTE 80
LM 11.109 TO LM 11.058

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/28/2023 1:41:48 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

DESCRIPTION	DATE

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

TYPICAL SECTION
SHEET 5 OF 5

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

COLDMILLING

ROUTE	LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	COLDMILLING DEPTH TRANSITIONS SY	COLDMILLING ≤3" SY	REMARKS
105 S	0.000	0.735	℄	3880.80	60.00	1.5		25872.0	BEGIN PROJECT, MILL/FILL
	0.735	0.749	℄	75.00	60.00	VAR	500.0		END MILL/FILL
	0.977	0.991	℄	75.00	60.00	VAR	500.0		BEGIN MILL/FILL
	0.994	1.028	℄	178.65	48.00	1.5		967.5	MILL/FILL TO BR A0462
	1.098	1.133	℄	186.22	48.00	1.5		995.8	MILL/FILL FROM BR A0462
	1.133	1.147	℄	75.00	60.00	VAR	500.0		END MILL/FILL
	9.118	9.132	℄	75.00	40.00	VAR	333.4		BR F0759
	9.147	9.161	℄	75.00	40.00	VAR	333.4		BR F0759
	10.381	10.395	℄	75.00	VAR	VAR	384.6		END PROJECT
	10.395		℄	VAR	VAR	VAR		7199.4	END PROJECT, MILL/FILL
105 S	5.106		RT	VAR	VAR	VAR	33.8		RTE C
	5.106		LT	VAR	VAR	VAR	38.6		RTE D
	6.582		LT	VAR	VAR	VAR	42.5		MO 75
	8.203		RT	20.00	VAR	VAR	15.2		SPRING LN
	8.212		LT	VAR	VAR	VAR	39.0		MO 102
	9.323		RT	20.00	VAR	VAR	9.8		GOOSE LN
	9.323		LT	20.00	VAR	VAR	13.1		MAIN ST
	9.510		RT	20.00	VAR	VAR	9.2		CRD 407
	9.510		LT	20.00	VAR	VAR	9.9		CRD 407
	10.087		RT	20.00	VAR	VAR	14.9		CRD 430
	10.087		LT	20.00	VAR	VAR	20.2		MARTIN AVE
	0.000	10.529	LT & RT	1780.00	20.00	1.5	3955.6		COUNTY RD & CITY ST (PAVED)
	0.000	10.529	LT & RT	3890.00	5.00	1.5	2161.1		PRIVATE & COMM ENTRANCE (PAVED)
	0.000	10.529	LT & RT	790.00	20.00	3		1755.6	COUNTY RD & CITY ST (UNPAVED)
80 E	11.058	11.171	LT & RT	45.00	20.00	1.5	100.0		COUNTY RD & CITY ST (PAVED)
ADD QUANTITY			LT & RT	VAR	VAR	VAR	320.0	920.0	ENTRANCES AS DIRECTED BY ENGINEER
						TOTAL	9335	37711	

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/31/2023 11:04:40 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
7/31/2023

ROUTE	STATE
105	MO

DISTRICT	SHEET NO.
SE	3

COUNTY
MISSISSIPPI

JOB NO.
J9S3714

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

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.

SUMMARY OF QUANTITIES
SHEET 1 OF 4

PERMANENT AGGREGATE EDGE TREATMENT

ROUTE	LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	PERM AGG EDGE TREATMENT 1.7 TON/CY TONS	BITUMINOUS FOG SEAL 0.25 GAL/SY GAL	REMARKS
105 S	0.735	10.395	LT	51004.80	2	3	1605.71	2833.6	
	0.735	10.395	RT	51004.80	2	3	1605.71	2833.6	
						TOTAL	3211.5	5668	
APPLICATION RATE MAY BE ADJUSTED AS APPROVED BY ENGINEER									

BITUMINOUS PAVEMENT

ROUTE	LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	BP-2 PG 70-22 2.040 TON/CY CY	BP-2 PG 70-22 2.040 TON/CY TON	TACK 0.08 GAL/SY GAL	REMARKS
105 S	0.000	0.735	℄	3880.80	48.00	1.5	864.65	1763.89	1664.4	4 - 12' LANES
	0.000	0.735	℄	3880.80	12.00	1.5	217.85	444.41	422.6	6' SHOULDERS
	0.735	1.024	℄	1525.92	48.00	1.5	339.98	693.56	654.5	4 - 12' LANES
	0.735	1.024	℄	1525.92	20.00	1.5	142.17	290.03	274.7	10' SHOULDERS
	1.098	1.233	℄	712.80	48.00	1.5	158.81	323.97	305.7	4 - 12' LANES
	1.098	1.233	℄	712.80	20.00	1.5	66.41	135.48	128.3	10' SHOULDERS
	1.233	1.285	℄	274.56	VAR	1.5	45.92	93.68	88.5	LANE TRANSITION
	1.233	1.285	℄	274.56	20.00	1.5	25.58	52.18	49.4	10' SHOULDERS
	1.285	1.597	℄	1647.36	24.00	1.5	183.99	375.34	355.1	2 - 12' LANES
	1.285	1.597	℄	1647.36	20.00	1.5	153.49	313.12	296.5	10' SHOULDERS
	1.597	6.571	℄	26262.72	25.00	1.5	3191.65	6510.97	5894.5	2 - 12.5' LANES
	1.597	6.571	℄	26262.72	15.00	2.75	3394.72	6925.23	3608.7	7.5' SHOULDERS
	6.571	6.658	℄	459.37	37.00	1.5	81.35	165.95	152.1	2 - 12.5' LANES & 1 - 12' TURN LANE
	6.571	6.658	℄	459.37	10.00	2.75	39.88	81.36	42.7	2.5' LT SHOULDER, 7.5' RT SHOULDER
	6.658	10.395	℄	19731.36	25.00	1.5	2397.91	4891.74	4428.6	2 - 12.5' LANES
	6.658	10.395	℄	19731.36	16.00	2.75	2717.95	5544.62	2886.6	7.5' SHOULDERS
	10.395		℄	0.00	VAR	1.5	301.47	615.00	577.4	END PROJECT
ADD QUANTITY			LT & RT	VAR	VAR	VAR		572.11		2% FOR SAFETY EDGE
105 S	5.106		RT	VAR	VAR	1.5	12.77	26.05	24.4	RTE C
	5.106		LT	VAR	VAR	1.5	14.57	29.72	27.9	RTE D
	6.582		LT	VAR	VAR	1.5	16.05	32.74	30.7	MO 75
	8.203		RT	20.00	VAR	1.5	5.72	11.67	11.0	SPRING LN
	8.212		LT	VAR	VAR	1.5	14.73	30.05	28.2	MO 102
	9.323		RT	20.00	VAR	1.5	3.69	7.53	7.1	GOOSE LN
	9.323		LT	20.00	VAR	1.5	4.96	10.12	9.5	MAIN ST
	9.510		RT	20.00	VAR	1.5	3.49	7.12	6.7	CRD 407
	9.510		LT	20.00	VAR	1.5	3.75	7.65	7.2	CRD 407
	10.087		RT	20.00	VAR	1.5	5.64	11.51	10.8	CRD 430
	10.087		LT	30.00	VAR	1.5	7.63	15.57	14.6	MARTIN AVE
	0.000	10.529	LT & RT	1780.00	20.00	1.5	164.81	336.21	316.4	COUNTY RD & CITY ST (PAVED)
	0.000	10.529	LT & RT	3890.00	5.00	1.5	90.05	183.70	172.9	PRIVATE & COMM ENTRANCE (PAVED)
	0.000	10.529	LT & RT	790.00	20.00	3	146.30	298.45	140.4	COUNTY RD & CITY ST (UNPAVED)
ADD QUANTITY			LT & RT	VAR	VAR	VAR		160.00		ENTRANCES AS DIRECTED BY ENGINEER
ADD QUANTITY			℄	56189.76	VAR	VAR		1064.20		100 TON/MI IRREGULARITIES
							TOTAL	32025.0	22639	

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:43:49 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
7/27/2023

ROUTE	STATE
105	MO
DISTRICT	SHEET NO.
SE	3

COUNTY
MISSISSIPPI

JOB NO.
J9S3714

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 2 OF 4

MOBILIZATION - LUMP SUM 1

REMOVAL OF IMPROVEMENTS - LUMP SUM 1

ROUTE	LM	LM	LOC	DESCRIPTION	REMARKS
105 S	0.920	1.009	RT	878' GUARDRAIL	A0462
	0.920	1.009	LT	1037' GUARDRAIL	A0462
	1.009	1.024	RT	58' GUARDRAIL	A0462
	1.009	1.024	LT	69' GUARDRAIL	A0462
	1.098	1.114	RT	602' GUARDRAIL	A0462
	1.098	1.114	LT	365' GUARDRAIL	A0462
	1.114	1.203	RT	887' GUARDRAIL	A0462
	1.114	1.203	LT	882' GUARDRAIL	A0462
	9.107	9.131	RT	126' GUARDRAIL	F0579
	9.107	9.131	LT	126' GUARDRAIL	F0579
	9.147	9.157	RT	51' GUARDRAIL	F0579
	9.147	9.171	LT	126' GUARDRAIL	F0579

LOCATIONS AND QUANTITIES ARE APPROXIMATE FOLLOW SEC 202.30

LOOP DETECTION

ROUTE	LM	LOC	CABLE LOOP DETECTOR IN DUCT LF	REMARKS
105 S	0.010	℄	305	NORTHBOUND RIGHT TURN LANE
	0.010	℄	345	NORTHBOUND THROUGH LANE
	0.010	℄	435	NORTHBOUND LEFT TURN LANE
	0.850	℄	550	SOUTHBOUND THROUGH/RIGHT TURN LANE
	0.850	℄	590	SOUTHBOUND THROUGH/LEFT TURN LANE
	0.870	℄	470	NORTHBOUND THROUGH/RIGHT TURN LANE
	0.870	℄	515	NORTHBOUND THROUGH/LEFT TURN LANE
		TOTAL	3210	

NOTE: SPLICE THE WIRES IN THE PULL BOXES.

GRAVEL A OR CRUSHED STONE B

ROUTE	LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	GRAVEL A OR CRUSHED STONE B 1.75 TON/CY TONS	REMARKS
105 S	0.000	10.529	LT & RT	2560	4	1.5	41.5	PRIVATE & COMM ENTRANCE (UNPAVED)
80 E	11.058	11.195	LT & RT	25	4	1.5	0.4	PRIVATE & COMM ENTRANCE (UNPAVED)
ADD QUANTITY			LT & RT	VAR	VAR	VAR	5.0	ENTRANCES AS DIRECTED BY ENGINEER
						TOTAL	47	

PAVEMENT MARKING

LOC	WATERBORNE PAINT YELLOW 4" SOLID LF	WATERBORNE PAINT YELLOW 4" INTER LF	WATERBORNE PAINT WHITE 4" SOLID LF	WATERBORNE PAINT WHITE 4" INTER LF	PREFORMED THERMOPLASTIC ARROW LT/RT EACH	PREFORMED THERMOPLASTIC ARROW ST EACH	PREFORMED THERMOPLASTIC ARROW COMBO EACH	PREFORMED THERMOPLASTIC 6" WHITE SOLID LF	PREFORMED THERMOPLASTIC 24" WHITE STOP BAR LF	PREFORMED THERMOPLASTIC 30" WHITE MIDBLOCK EACH
RTE 105	18401	47240	111572	12223	6	1	2	160	82	36
RTE 80	549	549	1452							
STATE ROUTES	400		1305						42	
TOTAL	67139		126552		6	1	2	160	124	36

SEE JSP FOR CONTRACTOR'S RESPONSIBILTY TO CREATE A PAVEMENT MARKING LOG PRIOR TO ANY CONSTRUCTION OPERATIONS THAT MAY AFFECT EXISTING PAVEMENT MARKING. PAVEMENT MARKING QUANTITIES INCLUDE 30" MIDBLOCK PAVEMENT MARKINGS FOR CROSSWALKS AT LM 0.220, LM 0.433, AND LM 10.443 AND 6" SOLID WHITE FOR CROSSWALK AT LM 0.000 ALONG MO 105.

GUARDRAIL

ROUTE	LM	LM	BR#	OFFSET	MGS BRIDGE APPROACH TRANSITION EACH	MGS 6' POST GUARDRAIL LF	MGS END TERMINAL EACH	CRASHWORTHY END TERMINAL TYPE A (MASH) EACH	CRASHWORTHY END TERMINAL TYPE C (MASH) EACH	MOD SHAPING SLOPES CLASS III 100 FT	REMARKS
105 S	0.920	1.009	A0462	RT		825	1	1		8.9	
	0.920	1.009	A0462	LT		938		2		10.4	
	1.009	1.024	A0462	RT	1			1		0.9	
	1.009	1.024	A0462	LT	1			1		0.9	
	1.098	1.114	A0462	RT	1	525		1		6.1	
	1.098	1.114	A0462	LT	1	288		1		3.8	
	1.114	1.203	A0462	RT		788		2		8.9	
	1.114	1.203	A0462	LT		825	1	1		8.9	
	9.107	9.131	F0579	RT	1	50		1		1.4	
	9.107	9.131	F0579	LT	1	50		1		1.4	
	9.147	9.157	F0579	RT					1	0.6	
	9.147	9.171	F0579	LT	1	50		1		1.4	
				TOTAL	7	4339	2	13	1	54	

SEE STD 606.81 FOR GRADING LIMITS. USE PREFERRED GRADING UNLESS OTHERWISE NOTED OR APPROVED BY ENGINEER.
ANY ADDITIONAL MATERIAL AND LABOR REQUIRED TO INSTALL PER MANUFACTURER'S RECOMMENDATION SHALL BE CONSIDERED COMPLETELY COVERED BY THE ABOVE PAY ITEMS. SEE SPECIAL SHEETS FOR ADDITIONAL DETAIL.

PARTIAL DEPTH PAVEMENT REPAIR

ROUTE	LM	LOC	LENGTH FT	WIDTH FT	CLASS C REMOVE SY	CLASS C FURNISH & PLACE 2.040 TON/CY OF BP-1 TONS	REMARKS
105 S	1.480	LT & RT	5	24	13.33	2.27	
	1.572	LT & RT	5	24	13.33	2.27	
	1.634	LT	6	12	8.00	1.36	
	1.935	LT	6	12	8.00	1.36	
	2.452	LT	6	12	8.00	1.36	
	2.529	LT	6	12	8.00	1.36	
	2.853	LT & RT	6	24	16.00	2.72	
	2.981	LT	5	12	6.67	1.13	
	3.182	LT	5	12	6.67	1.13	
	3.307	LT	5	12	6.67	1.13	
	3.568	LT	5	12	6.67	1.13	
	3.832	LT	5	12	6.67	1.13	
	4.154	LT	6	12	8.00	1.36	
	4.284	LT	6	12	8.00	1.36	
	4.425	LT	6	12	8.00	1.36	
	4.821	LT	5	12	6.67	1.13	
	5.421	LT	25	6	16.67	2.83	
	7.213	LT	6	12	8.00	1.36	
	7.732	LT	5	12	6.67	1.13	
	8.710	LT & RT	5	24	13.33	2.27	
	8.775	LT	6	12	8.00	1.36	
	8.945	LT	6	12	8.00	1.36	
	9.979	RT	40	12	53.33	9.07	
	10.024	RT	8	12	10.67	1.81	
					263.40	44.80	

LOCATIONS & DIMENSIONS ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

RUMBLE STRIPS

LM	LM	LOC	LENGTH FT	BITUMINOUS SHOULDER STA	REMARKS
1.556	10.096	℄	45091.20	901.82	
			TOTAL	901.9	

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
08/17/2023 12:29:49 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
8/16/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

DATE	DESCRIPTION

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

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

SUMMARY OF QUANTITIES
SHEET 3 OF 4

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
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	26	416				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 (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
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 (WITH FLAGS)
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	21	336				UNEVEN LANES
WO8-12	48X48	16.00	10	160				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
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 (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	38	608				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	4	64				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	4	64				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	7	112				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	30	480				FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
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				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50	1	4.5				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	4	35				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	22	33				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 ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
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	16.00						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	2	12.5				LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	1	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	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

	TOTAL
616-10.05 CONSTRUCTION SIGNS	2417
616-10.10 RELOCATED SIGNS	0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	50	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	4	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

NOTE:
IN ADDITION TO TRAFFIC CONTROL SHEETS 1-3, SEE MODOT STANDARD PLANS 616.20 FOR SPECIFICATIONS ON TRAFFIC CONTROL RELATED TO THIS OPERATION

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/31/2023 11:02:48 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
7/28/2023

ROUTE	STATE
105	MO
DISTRICT	SHEET NO.
SE	3

COUNTY
MISSISSIPPI

JOB NO.
J9S3714

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

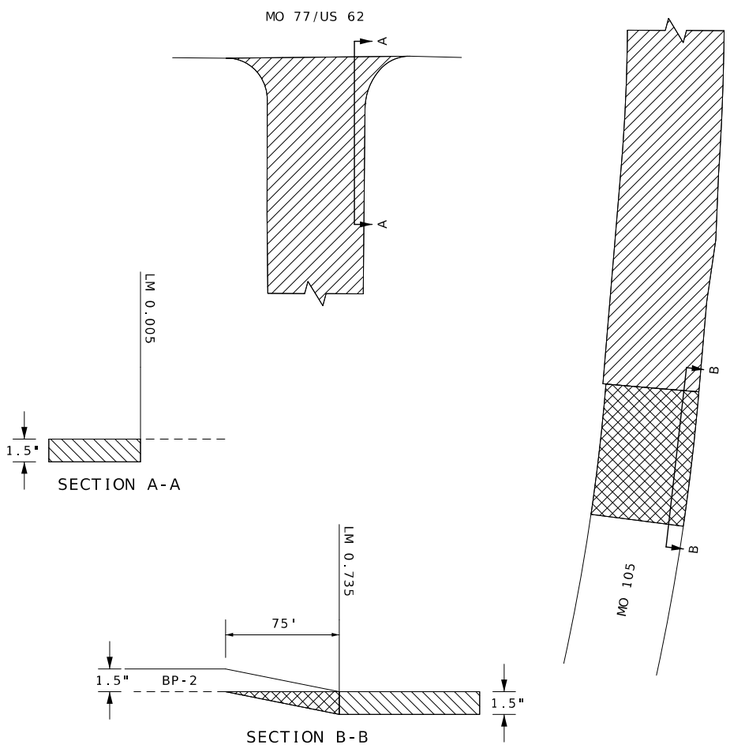
DESCRIPTION	DATE

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

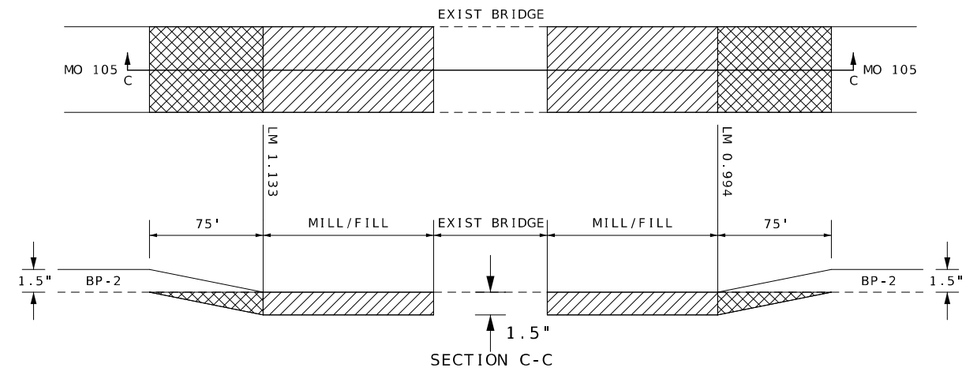
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SUMMARY OF QUANTITIES
SHEET 4 OF 4

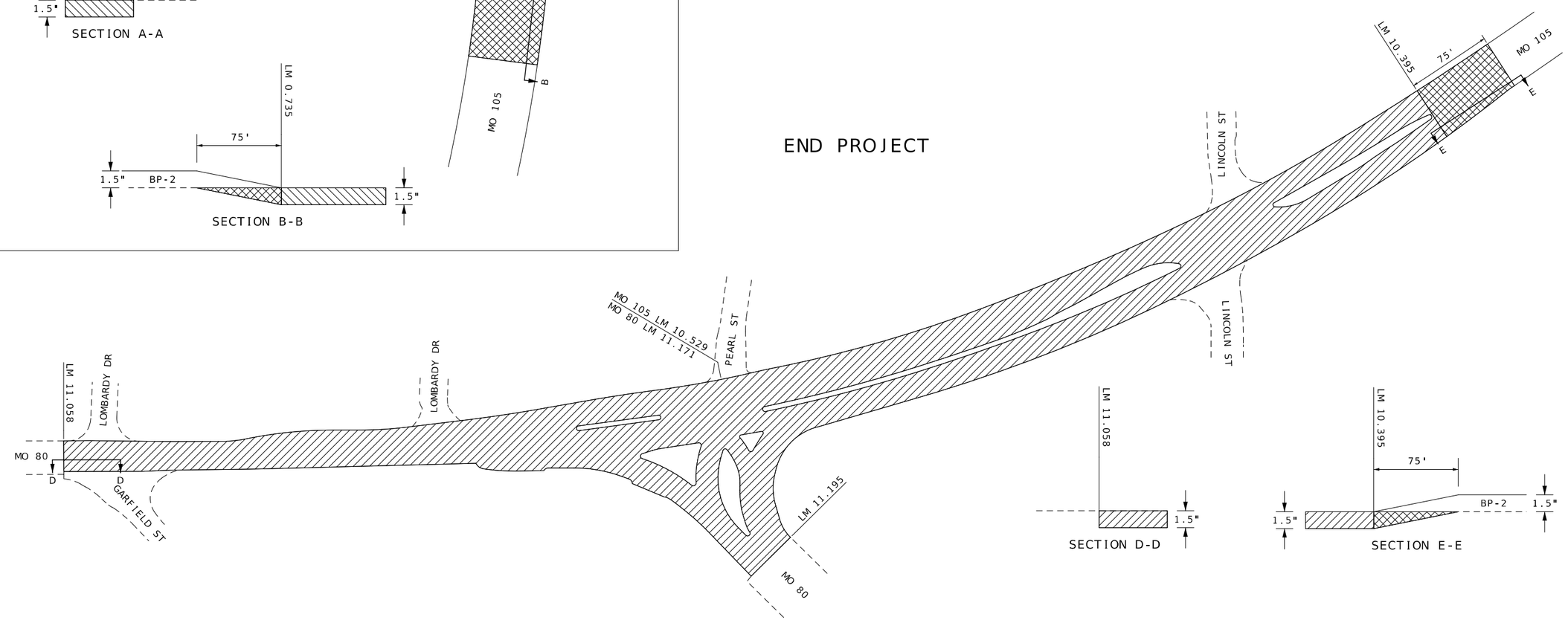
BEGIN PROJECT



BRIDGE TRANSITION
A0462



END PROJECT



*COLDMILL ≤3" TO BRIDGE DECK AS DIRECTED BY ENGINEER

MODIFIED COLDMILLING (DEPTH TRANSITION)

MILL/FILL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:44:24 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/27/2023
ROUTE	105
STATE	MO
DISTRICT	SE
SHEET NO.	4
COUNTY	MISSISSIPPI
JOB NO.	J9S3714
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

DATE	DESCRIPTION

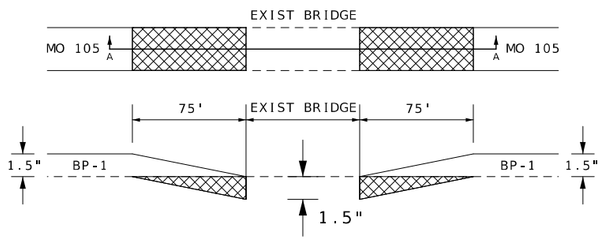
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

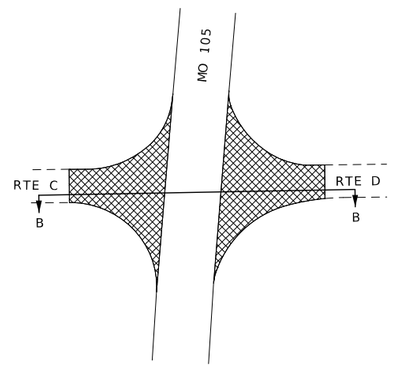
PAVEMENT DETAIL
SPECIAL SHEET 1 OF 3

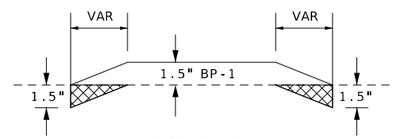
BRIDGE TRANSITION
F0759



SECTION A-A

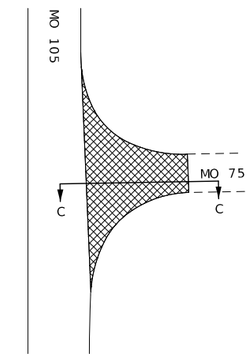
RTE C / RTE D INTERSECTION

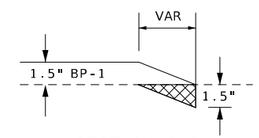




SECTION B-B

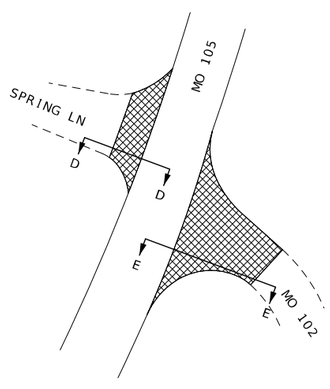
MO 75 INTERSECTION

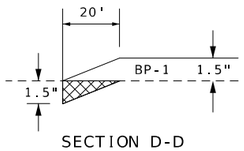




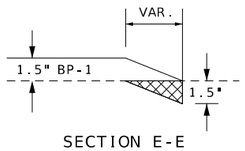
SECTION C-C

MO 102 INTERSECTION



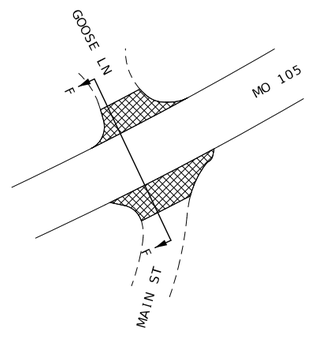


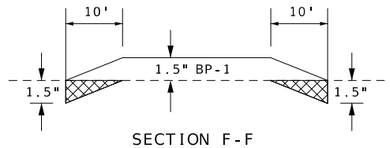
SECTION D-D



SECTION E-E

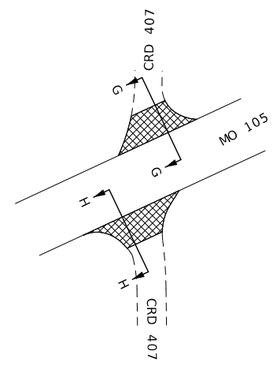
MAIN ST INTERSECTION

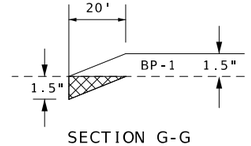




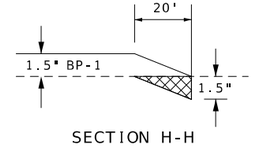
SECTION F-F

CRD 407 INTERSECTION



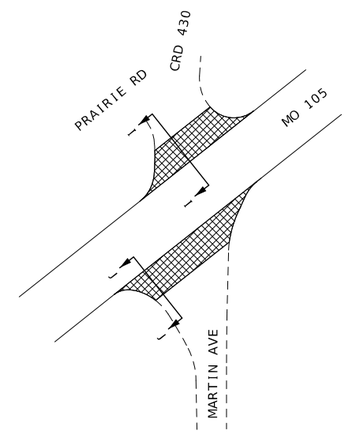


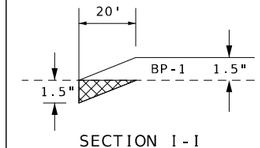
SECTION G-G



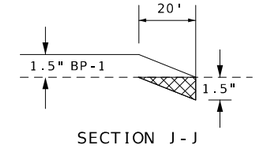
SECTION H-H

MARTIN AVE / CRD 430 INTERSECTION





SECTION I-I



SECTION J-J

*COLDMILL ≤3" TO BRIDGE DECK AS DIRECTED BY ENGINEER

MODIFIED COLDMILLING (DEPTH TRANSITION)

MILL/FILL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:44:38 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/25/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 5
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

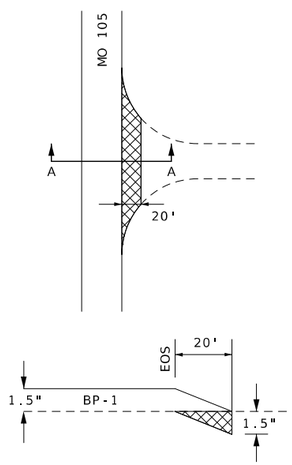
DATE	DESCRIPTION

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

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

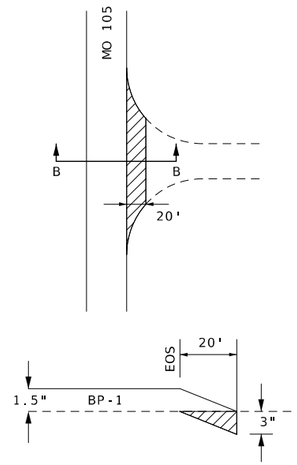
PAVEMENT DETAIL
SPECIAL SHEET 2 OF 3

COUNTY ROADS & CITY STREETS
(PAVED)



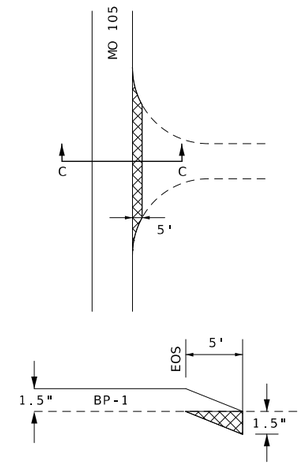
SECTION A-A

COUNTY ROADS & CITY STREETS
(UNPAVED)



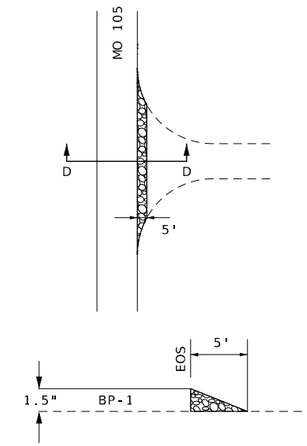
SECTION B-B

PRIVATE & COMMERCIAL ENTRANCES
(PAVED)



SECTION C-C

PRIVATE & COMMERCIAL ENTRANCES
(UNPAVED)



SECTION D-D

GRAVEL A OR
CRUSHED STONE B

MODIFIED COLDMILLING
(DEPTH TRANSITION)

MILL/FILL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:44:54 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/25/2023	
ROUTE	STATE
105	MO
DISTRICT	SHEET NO.
SE	6
COUNTY	
MISSISSIPPI	
JOB NO.	
J9S3714	
CONTRACT ID.	
X	
PROJECT NO.	
X	
BRIDGE NO.	
X	

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

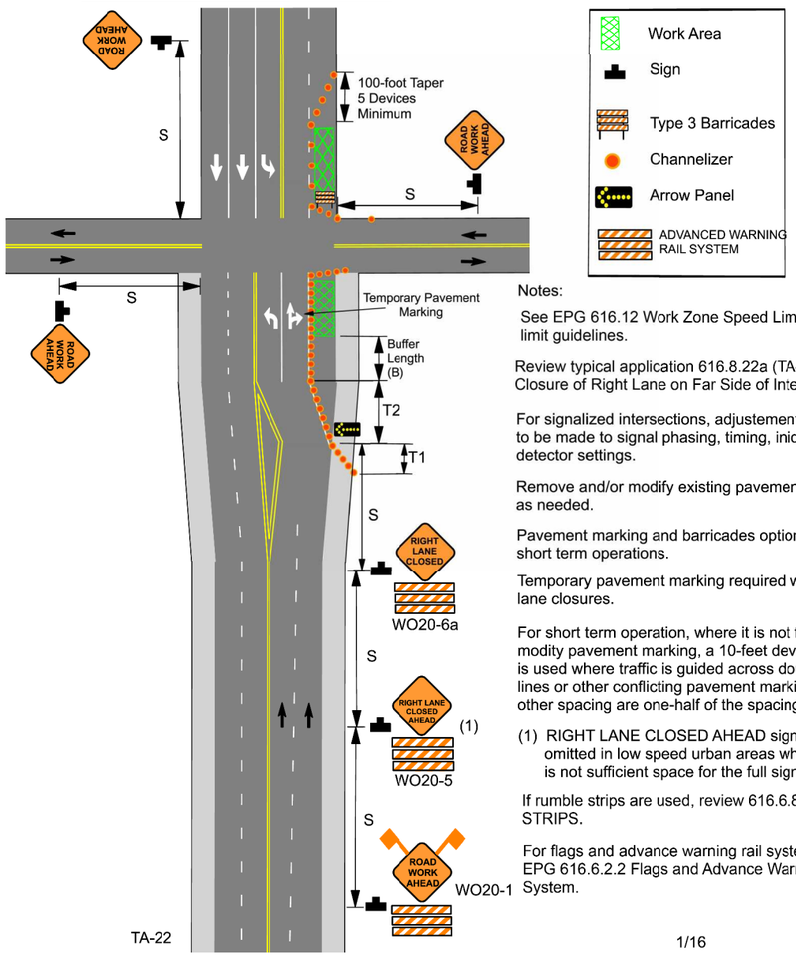
PAVEMENT DETAIL
SPECIAL SHEET 3 OF 3

616.8.22 (TA-22) Right Lane Closure at Intersection Work on Near or Far Side - DE/CM

www.invarion.com

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.



Notes:

See EPG 616.12 Work Zone Speed Limits for speed limit guidelines.

Review typical application 616.8.22a (TA-22a) Lane Closure of Right Lane on Far Side of Intersection.

For signalized intersections, adjustements may need to be made to signal phasing, timing, inidcations or detector settings.

Remove and/or modify existing pavement marking as needed.

Pavement marking and barricades optional for short term operations.

Temporary pavement marking required with long term lane closures.

For short term operation, where it is not feasible to modity pavement marking, a 10-feet device spacing is used where traffic is guided across double yellow lines or other conflicting pavement marking. All other spacing are one-half of the spacing.

(1) RIGHT LANE CLOSED AHEAD sign may be omitted in low speed urban areas where there is not sufficient space for the full sign series.

If rumble strips are used, review 616.6.87 RUMBLE STRIPS.

For flags and advance warning rail system, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.

TA-22

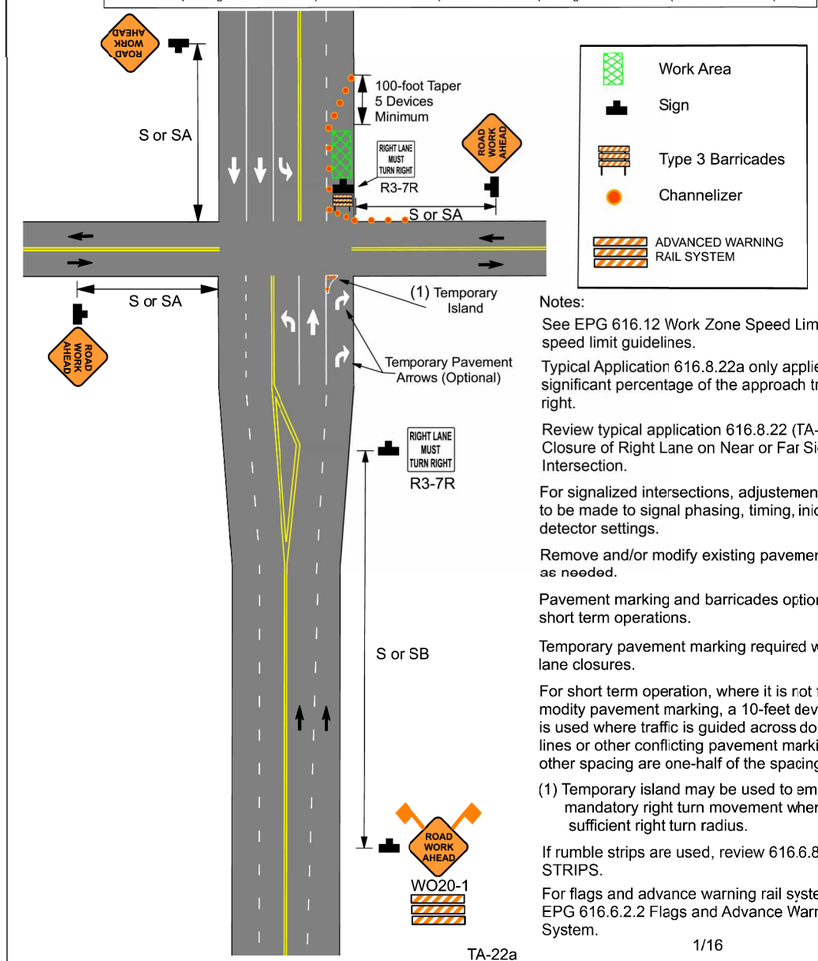
1/16

616.8.22a (TA-22a) Right Lane Closure at Intersection Work on Far Side - DE/CM

www.invarion.com

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.



Notes:

See EPG 616.12 Work Zone Speed Limits for speed limit guidelines.

Typical Application 616.8.22a only applies where a significant percentage of the approach traffic turns right.

Review typical application 616.8.22 (TA-22) Lane Closure of Right Lane on Near or Far Side of Intersection.

For signalized intersections, adjustements may need to be made to signal phasing, timing, inidcations or detector settings.

Remove and/or modify existing pavement marking as needed.

Pavement marking and barricades optional for short term operations.

Temporary pavement marking required with long term lane closures.

For short term operation, where it is not feasible to modity pavement marking, a 10-feet device spacing is used where traffic is guided across double yellow lines or other conflicting pavement marking. All other spacing are one-half of the spacing.

(1) Temporary island may be used to emphasize the mandatory right turn movement where there is a sufficient right turn radius.

If rumble strips are used, review 616.6.87 RUMBLE STRIPS.

For flags and advance warning rail system, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.

TA-22a

1/16

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/26/2023 1:45:08 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
7/25/2023

ROUTE	STATE
105	MO
DISTRICT	SHEET NO.
SE	7

COUNTY
MISSISSIPPI

JOB NO.
J9S3714

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

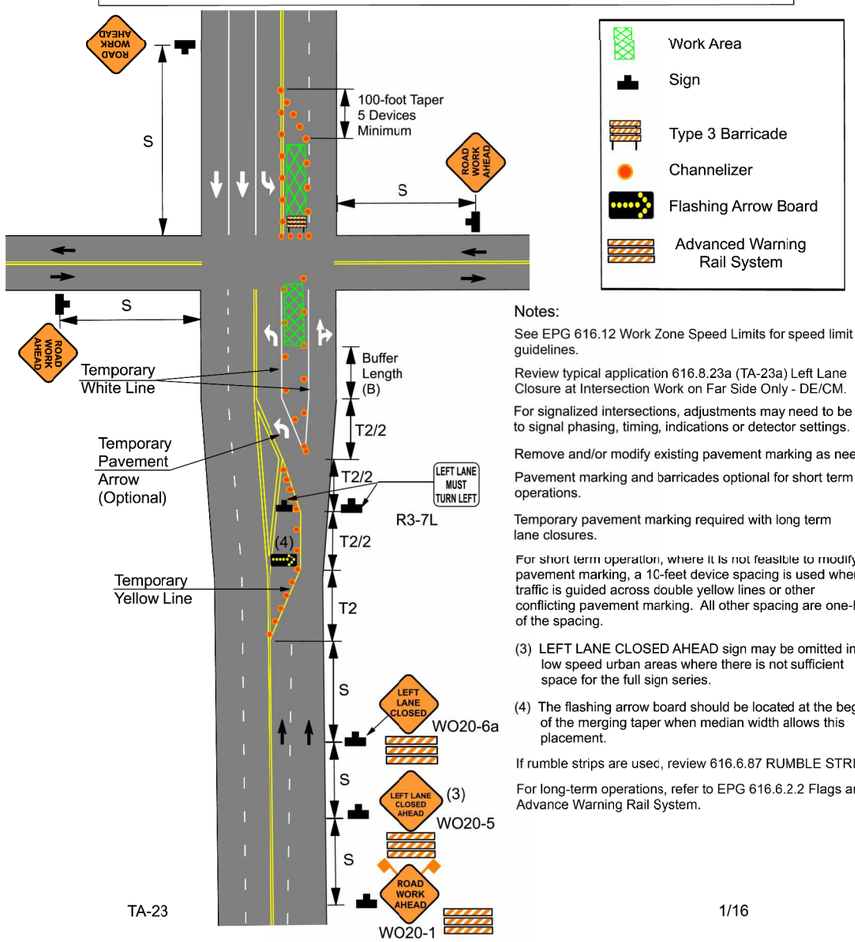
TRAFFIC CONTROL
SHEET 1 OF 3

www.invarion.com

616.8.23 (TA-23) Lane Closure of Left Lane on Far Side of Intersection Work on Near or Far Side - DE/CM

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.



Notes:

See EPG 616.12 Work Zone Speed Limits for speed limit guidelines.

Review typical application 616.8.23a (TA-23a) Left Lane Closure at Intersection Work on Far Side Only - DE/CM.

For signalized intersections, adjustments may need to be made to signal phasing, timing, indications or detector settings.

Remove and/or modify existing pavement marking as needed.

Pavement marking and barricades optional for short term operations.

Temporary pavement marking required with long term lane closures.

For short term operation, where it is not feasible to modify pavement marking, a 10-feet device spacing is used where traffic is guided across double yellow lines or other conflicting pavement marking. All other spacing are one-half of the spacing.

(3) LEFT LANE CLOSED AHEAD sign may be omitted in low speed urban areas where there is not sufficient space for the full sign series.

(4) The flashing arrow board should be located at the beginning of the merging taper when median width allows this placement.

If rumble strips are used, review 616.6.87 RUMBLE STRIPS.

For long-term operations, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.

TA-23

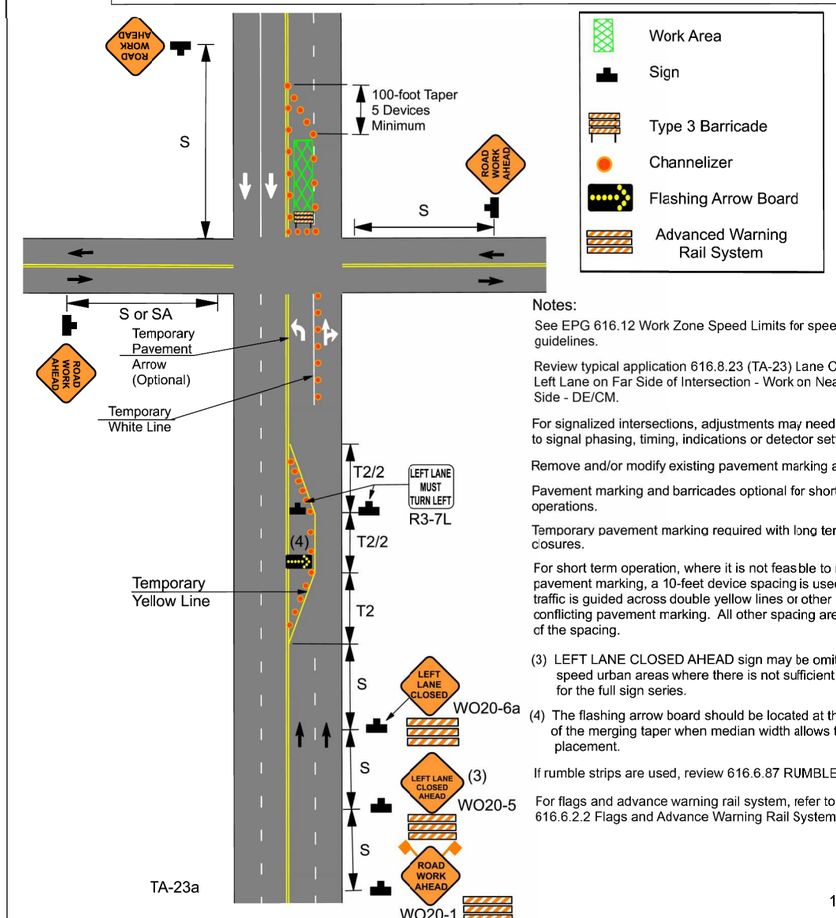
1/16

www.invarion.com

616.8.23a (TA-23a) Left Lane Closure at Intersection - Work on Far Side Only - DE/CM

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.



Notes:

See EPG 616.12 Work Zone Speed Limits for speed limit guidelines.

Review typical application 616.8.23 (TA-23) Lane Closure of Left Lane on Far Side of Intersection - Work on Near or Far Side - DE/CM.

For signalized intersections, adjustments may need to be made to signal phasing, timing, indications or detector settings.

Remove and/or modify existing pavement marking as needed.

Pavement marking and barricades optional for short term operations.

Temporary pavement marking required with long term lane closures.

For short term operation, where it is not feasible to modify pavement marking, a 10-feet device spacing is used where traffic is guided across double yellow lines or other conflicting pavement marking. All other spacing are one-half of the spacing.

(3) LEFT LANE CLOSED AHEAD sign may be omitted in low speed urban areas where there is not sufficient space for the full sign series.

(4) The flashing arrow board should be located at the beginning of the merging taper when median width allows this placement.

If rumble strips are used, review 616.6.87 RUMBLE STRIPS.

For flags and advance warning rail system, refer to EPG 616.6.2.2 Flags and Advance Warning Rail System.

TA-23a

1/16

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:45:23 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/25/2023
ROUTE	105
STATE	MO
DISTRICT	SE
SHEET NO.	8
COUNTY	MISSISSIPPI
JOB NO.	J9S3714
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

DESCRIPTION

DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
SHEET 2 OF 3

www.invarion.com

616.8.35 (TA-35) Mobile Operation on Divided or Multi-Lane Highways - DE/CM

NOTES:
SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

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

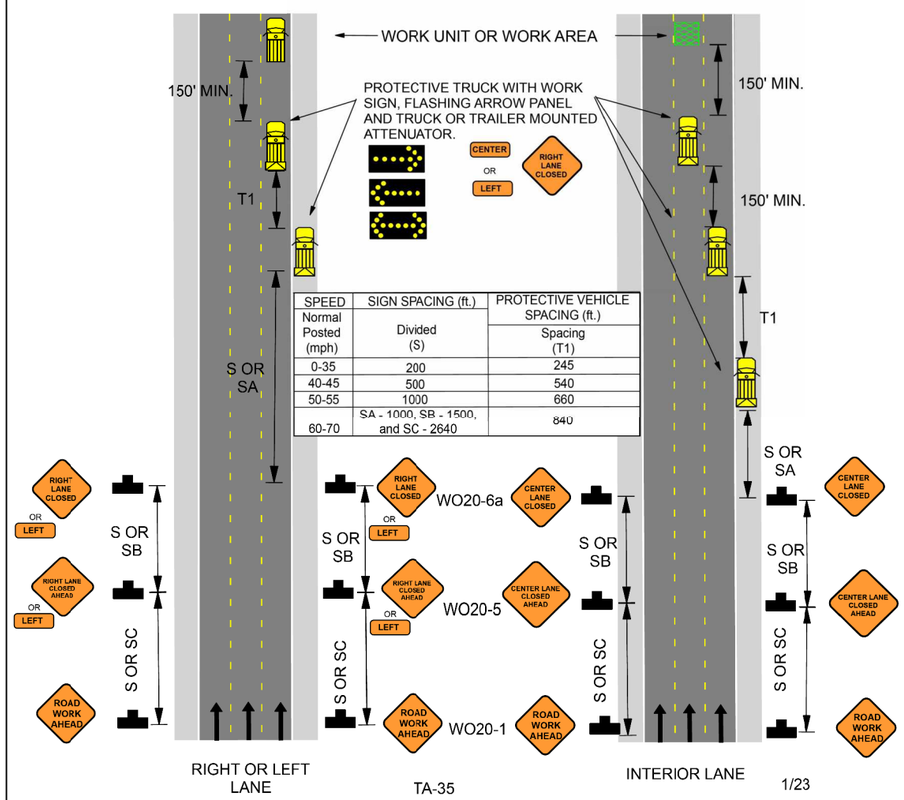
PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

AN FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED , A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

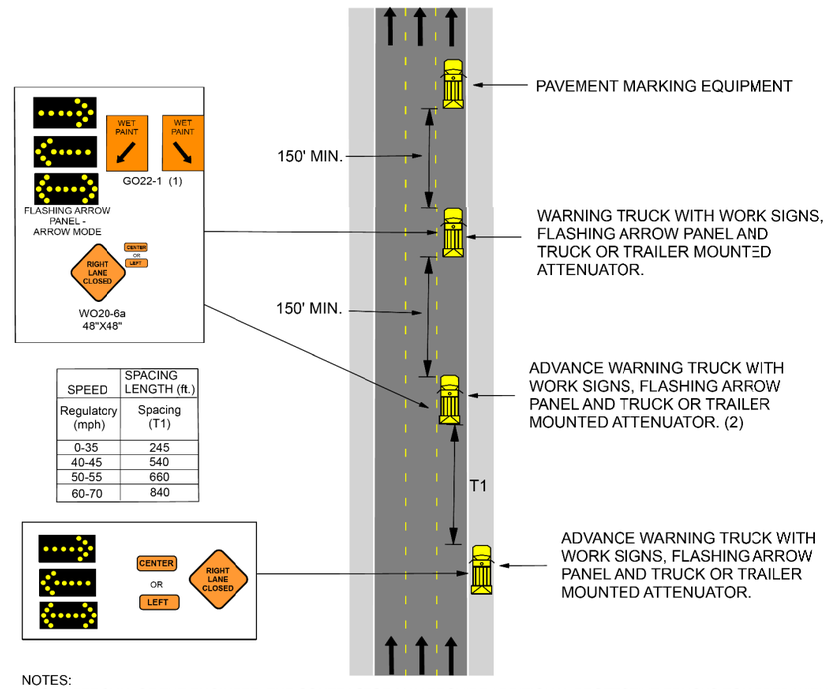


SPEED	SIGN SPACING (ft.)	PROTECTIVE VEHICLE SPACING (ft.)
Normal Posted (mph)	Divided (S)	Spacing (T1)
0-35	200	245
40-45	500	540
50-55	1000	660
60-70	SA - 1000, SB - 1500, and SC - 2640	840

TA-35 1/23

www.invarion.com

616.8.35a (TA-35a) Center line and/or Lane line Striping on Multi-lane, Undivided Highways - DE/CM



SPEED	SPACING LENGTH (ft.)
Regulatory (mph)	Spacing (T1)
0-35	245
40-45	540
50-55	660
60-70	840

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.

(1) 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.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICH EVER IS GREATER.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

AN FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED , A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

TA-35a 1/23

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/28/2023 1:45:35 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/25/2023	
ROUTE 105	STATE MO
DISTRICT SE	SHEET NO. 9
COUNTY MISSISSIPPI	
JOB NO. J9S3714	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

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 3 OF 3

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

MISSISSIPPI COUNTY

DESIGN DESIGNATION

US 62 TO SHELBY ST
A.A.D.T. - 2023 = 1163
A.A.D.T. - 2033 = 1222
D.H.V. = 7%
T = 5%
V = 45 M.P.H.
D = 50%
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

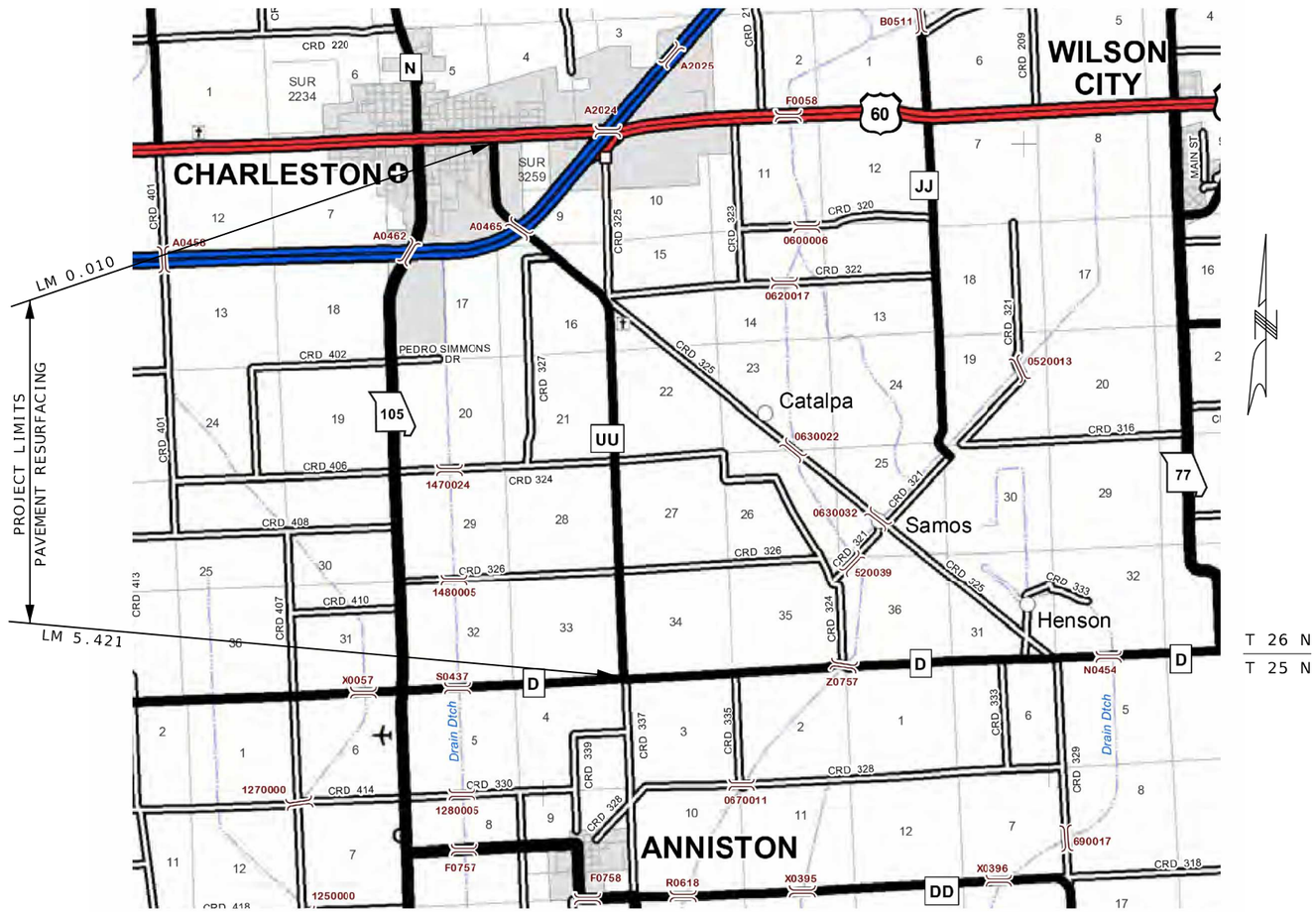
SOUTH OF U-L CHARLESTON
A.A.D.T. - 2023 = 530
A.A.D.T. - 2033 = 558
D.H.V. = 7%
T = 9%
V = 55 M.P.H.
D = 50%
FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

NO NEW R/W

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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
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	
REMOVAL	R	
REMOVAL BY OTHERS	(R)	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



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) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4-6
SIGNING (SN)	7

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 0.010	
END OF PROJECT	LM 5.421	
APPARENT LENGTH	5.411	MILES
EQUATIONS AND EXCEPTIONS:		
LM 0.900 TO LM 0.963 (BR A0465)	-332.00	FEET
TOTAL CORRECTIONS	-332.00	FEET
NET LENGTH OF PROJECT	28238.08	FEET
STATE LENGTH	5.348	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.0	ACRES

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
08/17/2023 12:48:57 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
8/17/2023	
ROUTE: UU	STATE: MO
DISTRICT: SE	SHEET NO.: 1
COUNTY: MISSISSIPPI	
JOB NO.: J9S3715	
CONTRACT ID.: X	
PROJECT NO.: X	
BRIDGE NO.: X	

DESCRIPTION	DATE

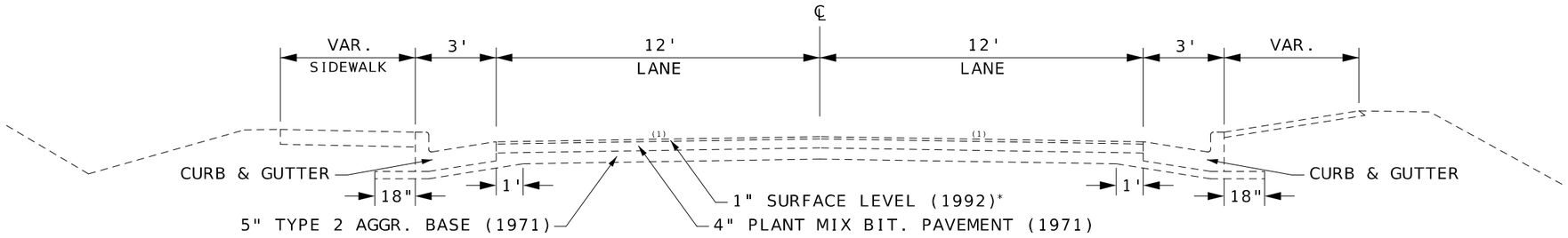
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

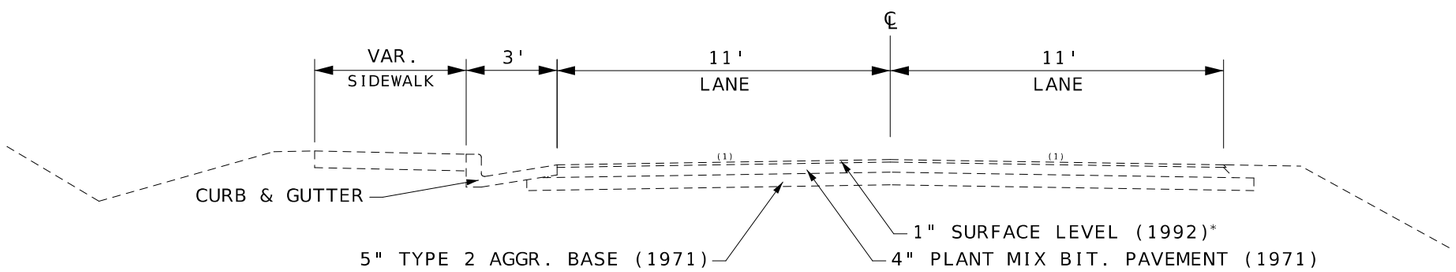
REV.

(1) MATCH EXIST CROSS SLOPE
(2) SAFETY EDGE
(3) PERMANENT AGG EDGE TREATMENT

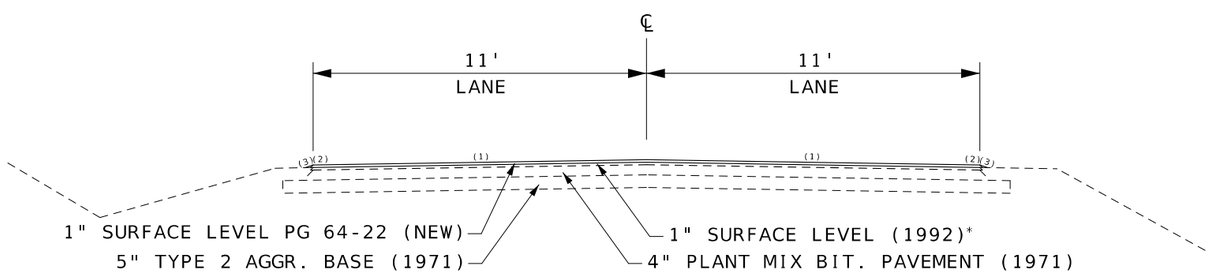
* 1" SURFACE LEVEL PG64-22 MILL/FILL (NEW)



TYPICAL RTE UU
LM 0.010 TO LM 0.165



TYPICAL RTE UU
LM 0.165 TO LM 0.281



TYPICAL RTE UU
LM 0.281 TO LM 0.568

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/28/2023 1:18:49 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/27/2023
ROUTE	UU
STATE	MO
DISTRICT	SE
SHEET NO.	2
COUNTY	MISSISSIPPI
JOB NO.	J9S3715
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

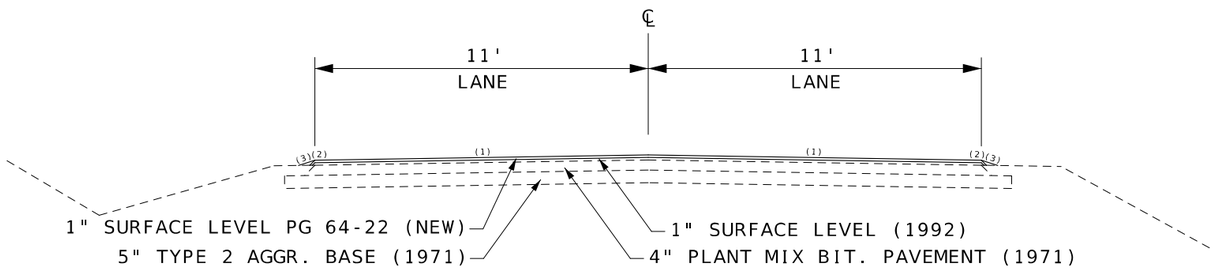
DATE	DESCRIPTION

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

TYPICAL SECTION
SHEET 1 OF 2

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

(1) MATCH EXIST CROSS SLOPE
(2) SAFETY EDGE
(3) PERMANENT AGG EDGE TREATMENT

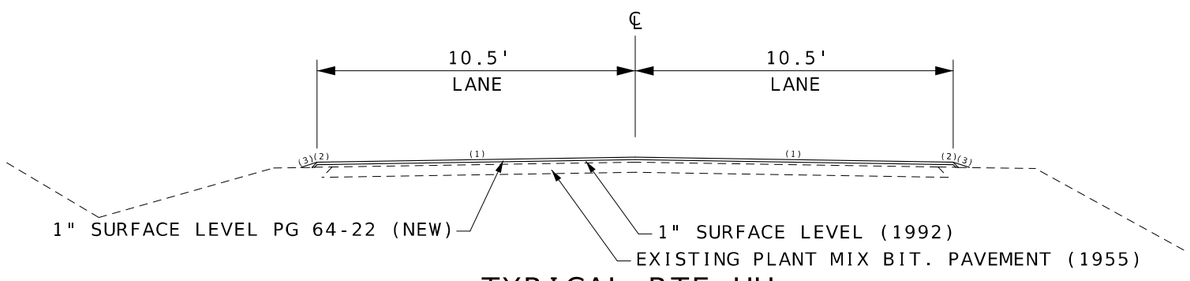


TYPICAL RTE UU

LM 0.568 TO LM 2.155

EXCEPTION: BR A0465

LM 0.910 TO LM 0.953



TYPICAL RTE UU

LM 2.155 TO LM 5.421

NOTES:

ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY. LAYERS MAY VARY FROM TYPICALS.

REMOVAL OF VEGETATIVE GROWTH OR SOIL FROM EXISTING PAVEMENT & SHOULDER SURFACE SHALL BE COMPLETELY COVERED BY SEC 407.4.1.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:19:03 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/27/2023
ROUTE	UU
STATE	MO
DISTRICT	SE
SHEET NO.	2
COUNTY	MISSISSIPPI
JOB NO.	J9S3715
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

DATE	DESCRIPTION

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

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

TYPICAL SECTION
SHEET 2 OF 2

REMOVAL OF IMPROVEMENTS - LUMP SUM 1

LM	LM	LOC	DESCRIPTION	REMARKS
0.887	0.910	RT	120' GUARDRAIL	A0465
0.887	0.910	RT	120' GUARDRAIL	A0465
0.953	0.976	RT	120' GUARDRAIL	A0465
0.953	0.976	RT	120' GUARDRAIL	A0465

LOCATIONS AND QUANTITIES ARE APPROXIMATE FOLLOW SEC 202.30

GRAVEL A OR CRUSHED STONE B

LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	GRAVEL A OR CRUSHED STONE B 1.75 TON/CY TONS	REMARKS
0.010	5.419	LT & RT	875	2	1	4.7	PRIVATE ENTRANCE (UNPAVED)
ADD QUANTITY		LT & RT	VAR	VAR	VAR	5.0	ENTRANCES AS DIRECTED BY ENGINEER
					TOTAL	10	

PERMANENT AGGREGATE EDGE TREATMENT

LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	PERM AGG EDGE TREATMENT 1.7 TON/CY TONS	BITUMINOUS FOG SEAL 0.25 GAL/SY GAL	REMARKS
0.281	5.419	LT	27128.64	2	3	854.05	1507.1	
0.281	5.419	RT	27128.64	2	3	854.05	1507.1	
					TOTAL	1708.1	3015	

APPLICATION RATE MAY BE ADJUSTED AS APPROVED BY ENGINEER

PAVEMENT MARKING

LOC	WATERBORNE PAINT YELLOW 4" SOLID LF	WATERBORNE PAINT YELLOW 4" INTER LF	WATERBORNE PAINT WHITE 4" SOLID LF	PREFORMED THERMOPLASTIC 24" WHITE STOP BAR LF	PREFORMED THERMOPLASTIC 30" WHITE MIDBLOCK EACH	REMARKS
RTE UU	3173	6638	54447	23	7	
TOTAL	9811		54447	23	7	

SEE JSP FOR CONTRACTOR'S RESPONSIBILTY TO CREATE A PAVEMENT MARKING LOG PRIOR TO ANY CONSTRUCTION OPERATIONS THAT MAY AFFECT EXISTING PAVEMENT MARKING.

MOBILIZATION - LUMP SUM 1

GUARDRAIL

LM	LM	BR#	OFFSET	MGS BRIDGE APPROACH TRANSITION EACH	MGS 6' POST GUARDRAIL LF	CRASHWORTHY END TERMINAL TYPE A (MASH) EACH	CRASHWORTHY END TERMINAL TYPE C EACH	MOD SHAPING SLOPES CLASS III 100 FT	REMARKS
0.887	0.910	A0465	RT	1	100	1		1.9	
0.887	0.910	A0465	LT	1	25	1		1.1	
0.953	0.976	A0465	RT	1	100	1		1.9	
0.953	0.976	A0465	LT	1	25	1		1.1	
			TOTAL	4	250	4	0	6	

SEE STD 606.81 FOR GRADING LIMITS. USE PREFERRED GRADING UNLESS OTHERWISE NOTED OR APPROVED BY ENGINEER. ANY ADDITIONAL MATERIAL AND LABOR REQUIRED TO INSTALL PER MANUFACTURER'S RECOMMENDATION SHALL BE CONSIDERED COMPLETELY COVERED BY THE ABOVE PAY ITEMS. SEE SPECIAL SHEETS FOR ADDITIONAL DETAIL.

COLDMILLING

LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	COLDMILLING DEPTH TRANSITIONS SY	COLDMILLING ≤3" SY	REMARKS
0.010	0.165	℄	818.40	24.00	1		2155.6	BEGIN PROJECT, MILL/FILL
0.165	0.281	℄	612.48	22.00	1		1467.2	MILL/FILL
0.281	0.568	℄	1515.36	22.00	1		4149.6	MILL/FILL
0.891	0.900	℄	50.00	22.00	VAR	122.3		TRANSITION TO BR A0462
0.963	0.972	℄	50.00	22.00	VAR	122.3		TRANSITION FROM BR A0462
5.410	5.419	℄	50.00	VAR	VAR	445.6		END PROJECT
0.415		LT	50.00	VAR	VAR	199.7		SCHOOL ENTRANCE
0.577		LT	50.00	VAR	VAR	254.6		STADIUM ENTRANCE
0.661		RT	50.00	VAR	VAR	312.2		IRONBANKS RD INTERSECTION
1.971		LT	50.00	VAR	VAR	121.0		N CRD 325 INTERSECTION
1.971		LT	VAR	VAR	VAR	87.6		S CRD 325 INTERSECTION
0.010	5.419	LT & RT	335.00	10.00	VAR	372.2		COUNTY RD & CITY ST (PAVED)
0.010	5.419	LT & RT	250.00	10.00	VAR		277.8	COUNTY RD & CITY ST (UNPAVED)
0.010	5.419	LT & RT	535.00	2.00	VAR	118.9		PRIVATE & COMM ENTRANCE (PAVED)
0.010	5.419	LT & RT	1275.00	10.00	VAR	1416.7		COMM ENTRANCE (UNPAVED)
ADD QUANTITY		LT & RT	VAR	VAR	VAR	80.0	280.0	ENTRANCES AS DIRECTED BY ENGINEER
					TOTAL	3654	8331	

BITUMINOUS PAVEMENT

LM	LM	LOC	LENGTH FT	WIDTH FT	DEPTH IN	Surface Level PG 64-22 2.034 TON/CY CY	Surface Level PG 64-22 2.034 TON/CY TON	TACK 0.08 GAL/SY GAL	REMARKS
0.010	0.165	℄	818.40	24.00	1	60.83	123.73	175.8	2 - 12' LANES
0.165	0.281	℄	612.48	22.00	1	41.75	84.92	120.7	2 - 11' LANES
0.281	0.290	℄	50.00	22.00	VAR	3.41	6.94	9.9	TRANSITION TO 1" LIFT
0.290	0.568	℄	1467.84	22.00	1	100.05	203.50	289.2	2 - 11' LANES
0.290	0.568	℄	1467.84	22.00	1	100.05	203.50	289.2	2 - 11' LANES
0.568	0.900	℄	1752.96	22.00	1	119.48	243.02	345.4	2 - 11' LANES
0.963	2.155	℄	6293.76	22.00	1	428.97	872.52	1240.1	2 - 11' LANES
2.155	5.419	℄	17233.92	21.00	1	1121.45	2281.03	3242.5	2 - 10.5' LANES
ADD QUANTITY		LT & RT	VAR	VAR	VAR		80.38		2% FOR SAFETY EDGE
0.415		LT	50.00	VAR	1	5.56	11.31	16.0	SCHOOL ENTRANCE
0.577		LT	VAR	VAR	1	7.11	14.46	20.4	STADIUM ENTRANCE
0.661		RT	VAR	VAR	1	8.71	17.72	25.0	IRONBANKS RD INTERSECTION
1.971		LT	10.00	VAR	1	20.24	41.17	58.3	N CRD 325 INTERSECTION
1.971		LT	VAR	VAR	1	2.45	4.98	7.0	S CRD 325 INTERSECTION
0.010	5.419	LT & RT	335.00	10.00	1	10.34	21.03	29.8	COUNTY RD & CITY ST (PAVED)
0.010	5.419	LT & RT	535.00	10.00	3	49.54	100.76	47.6	COUNTY RD & CITY ST (UNPAVED)
0.010	5.419	LT & RT	250.00	2.00	1	1.54	3.13	4.4	PRIVATE & COMM ENTRANCE (PAVED)
0.010	5.419	LT & RT	1275.00	10.00	1	39.35	80.04	113.3	COMM ENTRANCE (UNPAVED)
ADD QUANTITY		LT & RT	VAR	VAR	VAR		30.00		ENTRANCES AS DIRECTED BY ENGINEER
ADD QUANTITY		℄	28559.52	VAR	VAR		676.13		125 TON/MI IRREGULARITIES
						TOTAL	5100.3	6035	

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
08/17/2023 1:38:31 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED 8/17/2023

ROUTE	STATE
UU	MO
DISTRICT	SHEET NO.
SE	3

COUNTY MISSISSIPPI

JOB NO. J9S3715

CONTRACT ID. X

PROJECT NO. X

BRIDGE NO. X

DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES
SHEET 1 OF 2

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
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	7	112				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 (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
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 (WITH FLAGS)
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	10	160				UNEVEN LANES
WO8-12	48X48	16.00	5	80				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
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 (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	11	176				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	4	64				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	11	176				FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
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				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50	1	4.5				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	7	10.5				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 ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
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	16.00						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
R4-8a	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	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

	TOTAL
616-10.05 CONSTRUCTION SIGNS	868
616-10.10 RELOCATED SIGNS	0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	25	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	2	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

NOTE:
SEE MODOT STANDARD PLANS 616.20 FOR SPECIFICATIONS ON TRAFFIC CONTROL RELATED TO THIS OPERATION

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
07/28/2023 1:19:40 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

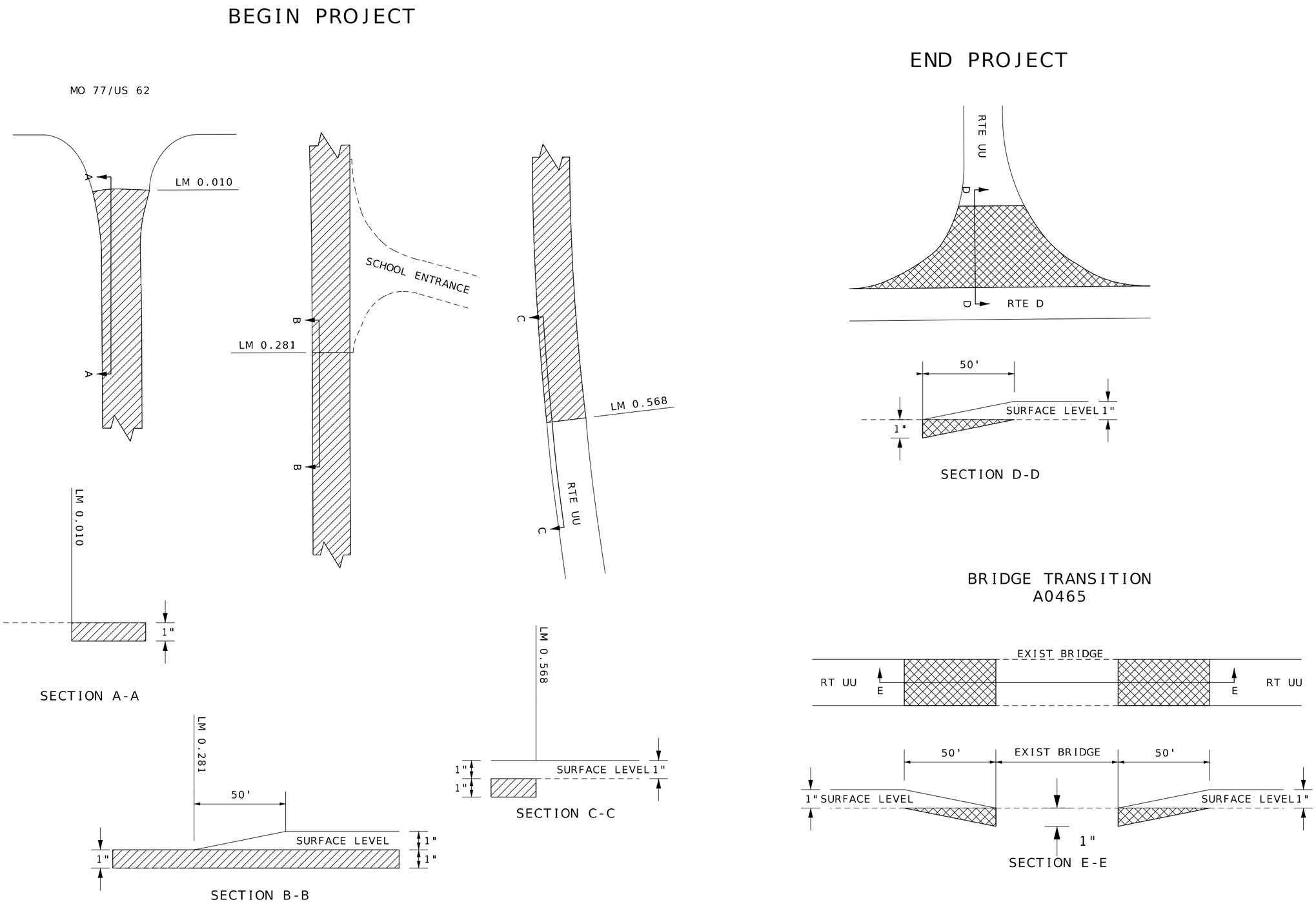
DATE PREPARED	
7/27/2023	
ROUTE UU	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY MISSISSIPPI	
JOB NO. J9S3715	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

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.

SUMMARY OF QUANTITIES
SHEET 2 OF 2



DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:19:53 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE	STATE
UU	MO
DISTRICT	SHEET NO.
SE	4
COUNTY	
MISSISSIPPI	
JOB NO.	
J9S3715	
CONTRACT ID.	
X	
PROJECT NO.	
X	
BRIDGE NO.	
X	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

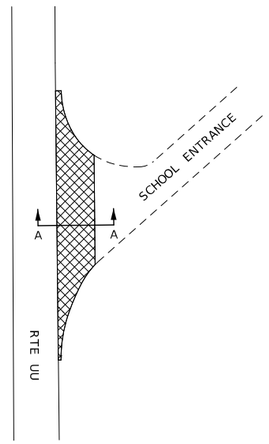
MoDOT

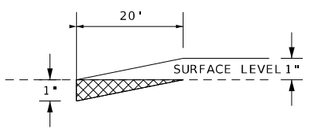
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

PAVEMENT DETAIL
SPECIAL SHEET 1 OF 3

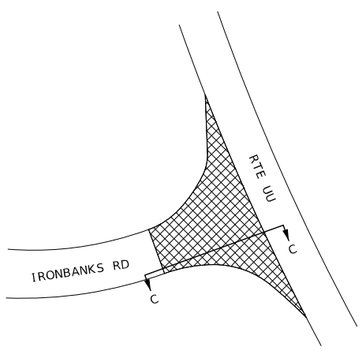
SCHOOL EXIT INTERSECTION

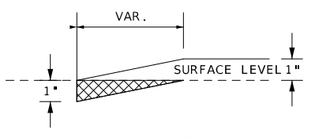




SECTION A-A

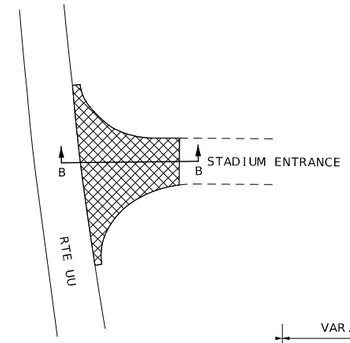
IRONBANKS RD INTERSECTION

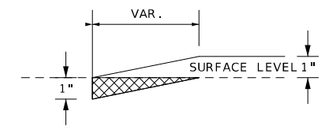




SECTION C-C

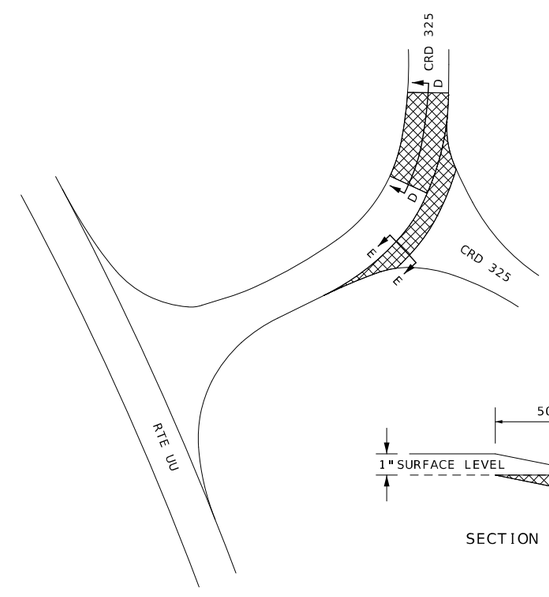
STADIUM ENTRANCE

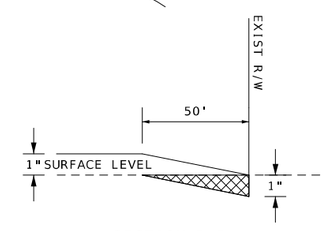




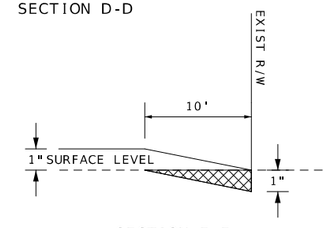
SECTION B-B

CRD 325 INTERSECTION





SECTION D-D



SECTION E-E

GRAVEL A OR CRUSHED STONE B

MODIFIED COLDMILLING (DEPTH TRANSITION)

MILL/FILL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:20:14 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	7/27/2023
ROUTE	UU
STATE	MO
DISTRICT	SE
SHEET NO.	5
COUNTY	MISSISSIPPI
JOB NO.	J9S3715
CONTRACT ID.	X
PROJECT NO.	X
BRIDGE NO.	X

DESCRIPTION	DATE

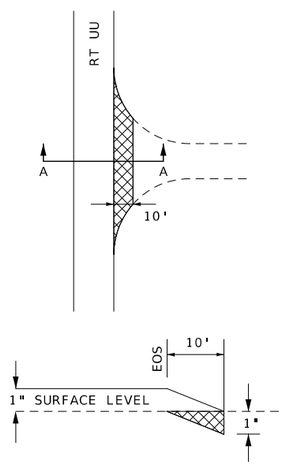
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

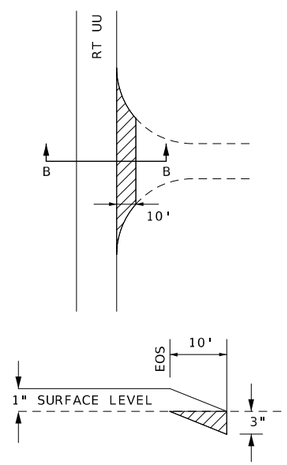
PAVEMENT DETAIL
SPECIAL SHEET 2 OF 3

COUNTY ROADS & CITY STREETS
(PAVED)



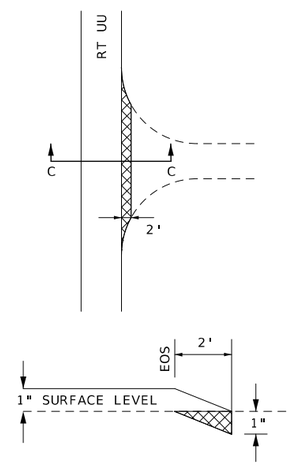
SECTION A-A

COUNTY ROADS & CITY STREETS
(UNPAVED)



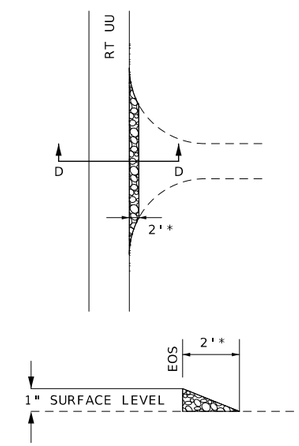
SECTION B-B

PRIVATE & COMMERCIAL ENTRANCES
(PAVED)



SECTION C-C

PRIVATE & COMMERCIAL ENTRANCES
(UNPAVED)



SECTION D-D

*PAVE BACK 10' ON
COMMERCIAL ENTRANCES

GRAVEL A OR
CRUSHED STONE B

MODIFIED COLDMILLING
(DEPTH TRANSITION)

MILL/FILL

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

07/28/2023 1:20:28 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
7/27/2023	
ROUTE: UU	STATE: MO
DISTRICT: SE	SHEET NO.: 6
COUNTY: MISSISSIPPI	
JOB NO.: J9S3715	
CONTRACT ID.: X	
PROJECT NO.: X	
BRIDGE NO.: X	

DESCRIPTION	DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

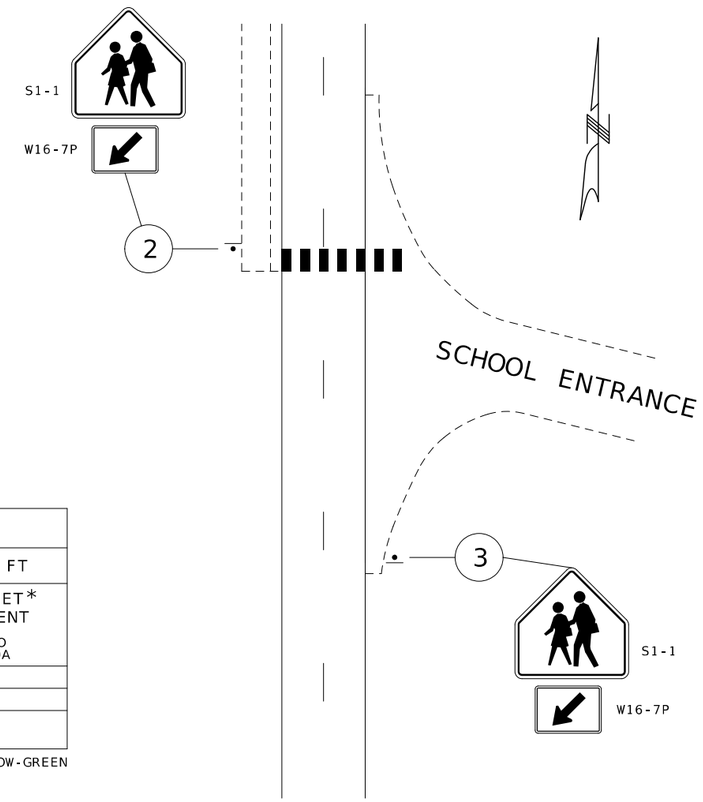
PAVEMENT DETAIL
SPECIAL SHEET 3 OF 3

SIGNS						PERFORATED SQUARE STEEL TUBE					
902 SIGNAL SIGNS TABULATED ON D-37A SHEET						2.5 IN. POST					BREAK-AWAY ASSEMBLY
									ANCHORS		
SIGN NO.	SIGN SIZE	LOG MILE	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241
						LF	LF	LF	EA	EA	EA
2	36X36	0.262		RT		13.50		13.50	1		
3	36X36	0.279		LT		13.50		13.50	1		
						TOTAL		27	2		

STANDARD SIGN ASSEMBLIES				
SIGN NUMBER	LOG MILE	LOCATION	TYPE	
			SHF	SHF
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH	
			S1-1 36"X36"	W16-7P 30"X18"
1	0.123	RT	1	
2	0.262	RT	1	1
3	0.279	LT	1	1
4	0.752	LT	1	
		TOTAL	4	2

SIGN SUMMARY				
STANDARD SIGN	SIGN DETAIL SHEET NO	NO EACH	SIZE, TYPE & SQ FT	
			SIZE	FLAT SHEET* FLUORESCENT ITEM NO 9035069A
S1-1	STD	4	36"X36"	36.00
W16-7P	STD	2	30"X18"	7.50
		TOTAL		44

*YELLOW-GREEN



DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

08-17/2023 1:39:10 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
8/17/2023

ROUTE	STATE
UU	MO
DISTRICT	SHEET NO.
SE	7

COUNTY
MISSISSIPPI

JOB NO.
J9S3715

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

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.

SIGNING
SHEET 1 OF 1

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

FINAL PLANS FOR PROPOSED STATE HIGHWAY

PEMISCOT COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2024 = 439
A.A.D.T. - 2034 = 451
D.H.V. = 12%
T = 6.5%
V = 55 M.P.H.

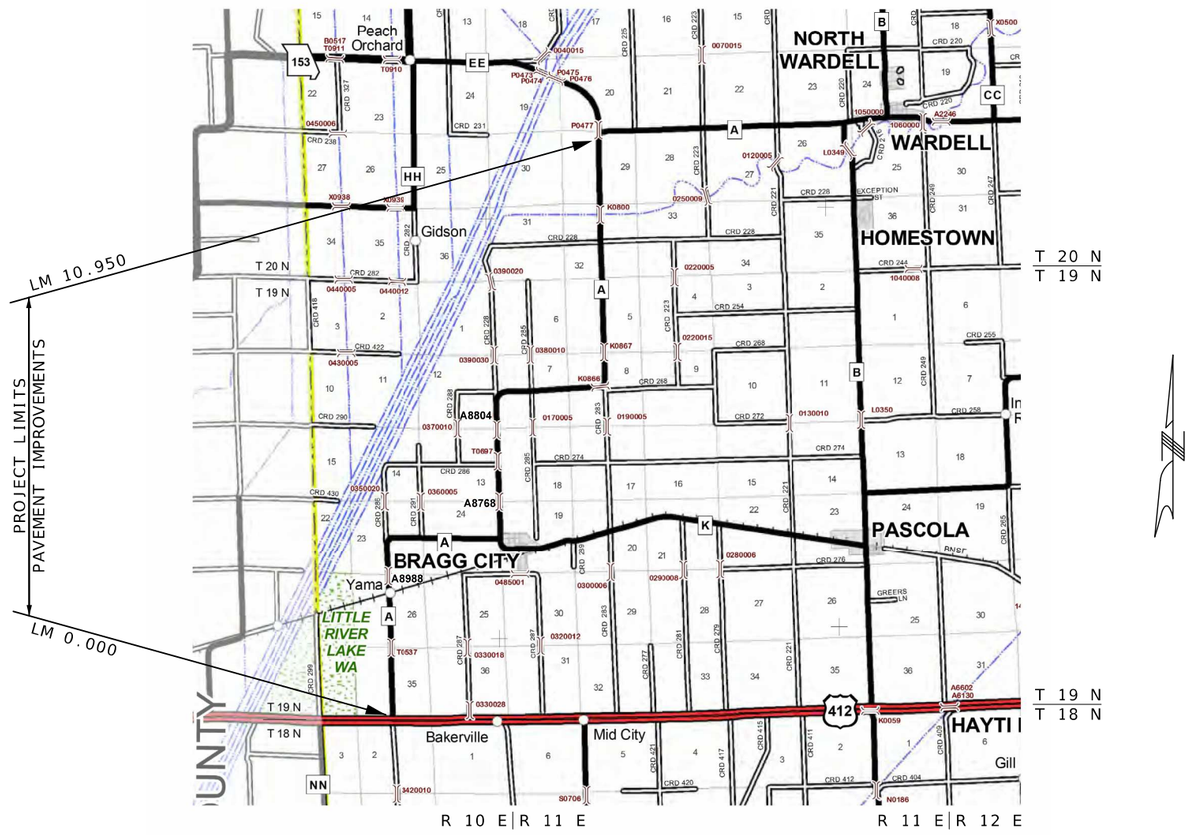
FUNCTIONAL CLASSIFICATION-RURAL MAJOR COLLECTOR

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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
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



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) (01 SHEETS)	2
QUANTITIES (QU) (02 SHEETS)	3
SPECIAL SHEETS (SS)	4-5
SIGNING (SN)	6

LENGTH OF PROJECT

BEGINNING OF PROJECT	LM 0.000
END OF PROJECT	LM 10.950
APPARENT LENGTH	10.950 MILES

EQUATIONS AND EXCEPTIONS:

BRIDGE T0537	48 FEET
BRIDGE A8988	55 FEET
BRIDGE A8768	54 FEET
BRIDGE A8804	68 FEET

TOTAL CORRECTIONS	225	FEET
TOTAL CORRECTIONS	0.043	MILES
NET LENGTH OF PROJECT	10.907	MILES
STATE LENGTH	10.907	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES

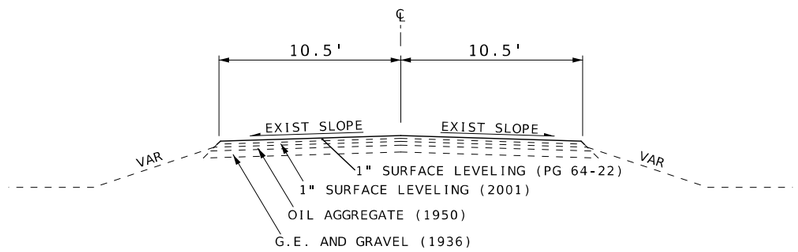
STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
05/17/2023 9:50:47 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	5/15/2023
ROUTE	A
STATE	MO
DISTRICT	SE
SHEET NO.	1
COUNTY	PEMISCOT
JOB NO.	J9S3778
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 ON TANGENT

RTE A
LM 0.000 TO LM 10.950

TYPICAL SECTION
SHEET 1 OF 1
DRAWING NOT TO SCALE

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

05/17/2023 9:51:26 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	5/15/2023
ROUTE	A
STATE	MO
DISTRICT	SE
SHEET NO.	2
COUNTY	PEMISCOT
JOB NO.	J9S3778
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.

PAVEMENT/ENTRANCES

LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	AVE WIDTH FT	THICK IN	BIT PAVM'T MIXTURE PG64-22 SURFACE LEVELING 2.040 TON/CY TON	0.08 GAL/SY TACK GAL	GRAVEL A OR CRUSHED STONE B SY	REMARKS
0.000	0.019	LT/CL/RT	100.0		76.0	1.00	47.85	67.6		BEGIN JOB
0.019	0.028	LT/CL/RT	50.0		36.5	1.00	11.49	16.2		
0.028	0.058	LT/CL/RT	159.6		30.2	1.00	30.35	42.8		
0.058	0.999	LT/CL/RT	4968.5	21.00		1.00	656.95	927.5		BEFORE BR T0537
1.008	1.978	LT/CL/RT	5121.6	21.00		1.00	677.19	956.0		BETWEEN BR T0537 AND BR A8988
1.988	4.547	LT/CL/RT	13511.5	21.00		1.00	1786.52	2522.1		BETWEEN BR A8988 AND BR A8768
4.557	5.099	LT/CL/RT	2861.8	21.00		1.00	378.39	534.2		BETWEEN BR A8768 AND BR T0697
5.099	5.110	LT/CL/RT	60.0	20.00		1.00	7.56	10.7		BR T0697
5.110	5.551	LT/CL/RT	2328.5	21.00		1.00	307.88	434.7		BETWEEN BR T0697 AND BR A8804
5.564	7.931	LT/CL/RT	12497.8	21.00		1.00	1652.49	2332.9		BETWEEN BR A8804 AND BR K0866
7.931	7.939	LT/CL/RT	43.0	24.00		1.00	6.50	9.2		BR K0866
7.939	8.937	LT/CL/RT	5269.4	21.00		1.00	696.73	983.6		BETWEEN BR K0866 AND BR K0867
8.937	8.946	LT/CL/RT	47.0	24.00		1.00	7.10	10.0		BR K0867
8.946	9.801	LT/CL/RT	4514.4	21.00		1.00	596.90	842.7		BETWEEN BR K0867 AND BR K0800
9.801	9.820	LT/CL/RT	101.0	24.00		1.00	15.26	21.5		BR K0800
9.820	10.915	LT/CL/RT	5781.6	21.00		1.00	764.46	1079.2		AFTER BR K0800
10.915	10.950	LT/CL/RT	184.8		43.3	1.00	50.38	71.1		END JOB
4.046		RT	80.0		37.5	1.00	18.89	26.7		ROUTE K
0.000	10.950	RT	47.0	10		1.00	2.96	4.2		PAVED COUNTY ROADS / CITY STREETS
0.000	10.950	LT/RT	56.1	10		3.00	148.35			NON-PAVED COUNTY ROADS / CITY STREETS
0.000	10.950	LT/RT	30.0	2		1.00	45.33	64.0	64.0	NON-PAVED PRIVATE ENTRANCES
0.000	10.950	LT/CL/RT	57816.0				1642.50			IRREGULARITIES (150 TONS/MILE)
0.000	10.950	LT/RT	57816.0				191.04			SAFETY EDGE (2% OF ASPHALT)
						TOTAL	9743.07	10956.9	64.0	
						USE	9743.1	10957	64	

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

AGGREGATE EDGE DROP OFF TREATMENT

LOG MI	LOG MI	LOC	LENGTH FT	PERM AGG EDGE TREATMENT TONS	REMARKS
0.000	10.950	LT/CL/RT	57816.0	5710.22	
			LENGTH	5710.22	
			USE	5710.2	

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

MOBILIZATION

LUMP SUM 1

REMOVAL OF IMPROVEMENTS

LOG MI	DESCRIPTION	REMARKS
1.004	12 OBJECT MARKERS	BR T0537
5.105	12 OBJECT MARKERS	BR T0697
7.935	12 OBJECT MARKERS	BR K0866
8.941	12 OBJECT MARKERS	BR K0867
9.811	12 OBJECT MARKERS	BR K0800
LUMP SUM 1		

COLDMILLING

LOG MI	LOG MI	LOC	LENGTH FT	WIDTH FT	AVE WIDTH FT	DEPTH TRANSITION SY	3 IN OR LESS COLDMILLING SY	REMARKS
0.000	0.019	LT/CL/RT	100.0		76.0		844.4	BEGIN JOB
0.019	0.028	LT/CL/RT	50.0		36.5	202.8		
0.990	0.999	LT/CL/RT	50.0	21.0		116.7		BEFORE BR T0537
1.008	1.017	LT/CL/RT	50.0	21.0		116.7		AFTER BR T0537
1.969	1.978	LT/CL/RT	50.0	21.0		116.7		BEFORE BR A8988
1.988	1.997	LT/CL/RT	50.0	21.0		116.7		AFTER BR A8988
4.538	4.547	LT/CL/RT	50.0	21.0		116.7		BEFORE BR A8768
4.557	4.566	LT/CL/RT	50.0	21.0		116.7		AFTER BR A8768
5.090	5.099	LT/CL/RT	50.0	21.0		116.7		BEFORE BR T0697
5.110	5.119	LT/CL/RT	50.0	21.0		116.7		AFTER BR T0697
5.542	5.551	LT/CL/RT	50.0	21.0		116.7		BEFORE BR A8804
5.564	5.573	LT/CL/RT	50.0	21.0		116.7		AFTER BR A8804
7.922	7.931	LT/CL/RT	50.0	21.0		116.7		BEFORE BR K0866
7.939	7.948	LT/CL/RT	50.0	21.0		116.7		AFTER BR K0866
8.928	8.937	LT/CL/RT	50.0	21.0		116.7		BEFORE BR K0867
8.946	8.955	LT/CL/RT	50.0	21.0		116.7		AFTER BR K0867
9.792	9.801	LT/CL/RT	50.0	21.0		116.7		BEFORE BR K0800
9.820	9.829	LT/CL/RT	50.0	21.0		116.7		AFTER BR K0800
10.906	10.915	LT/CL/RT	50.0	21.0		116.7		
10.915	10.950	LT/CL/RT	184.8		43.3		888.9	END JOB
4.046		RT	80.0		37.5	58.3	333.3	ROUTE K INTERSECTION
0.000	10.950	RT	47.0	10		52.2		PAVED COUNTY ROADS/CITY STREETS
					TOTAL	2297.2	2066.6	
					USE	2297	2067	

LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.

PERMANENT PAVEMENT MARKING

LOG MI	LOG MI	LOC	LENGTH FT	WATERBORNE PAINT WITH TYPE BEADS 4" SOLID WHITE FT	4" SOLID YELLOW FT	4" INTER YELLOW FT	REMARKS
0.000	0.900	LT/CL/RT	4752.0	9504		1188	
0.900	1.179	LT/CL/RT	1473.1	2946	1473	368	
1.179	2.272	LT/CL/RT	5771.0	11542		1443	
2.272	2.452	LT/CL/RT	950.4	1901	950	238	
2.452	2.570	LT/CL/RT	623.0	1246	1246		
2.570	2.729	LT/CL/RT	839.5	1679	840	210	
2.729	4.006	LT/CL/RT	6742.6	13485		1686	
4.006	4.046	LT/CL/RT	211.2	422	422		
4.046	5.769	LT/CL/RT	9097.4	18195		2274	
5.769	5.942	LT/CL/RT	913.4	1827	913	228	
5.942	6.120	LT/CL/RT	939.8	1880	1880		
6.120	6.283	LT/CL/RT	860.6	1721	861	215	
6.283	7.241	LT/CL/RT	5058.2	10116		1265	
7.241	7.400	LT/CL/RT	839.5	1679	840	210	
7.400	7.560	LT/CL/RT	844.8	1690	1690		
7.560	7.724	LT/CL/RT	865.9	1732	866	216	
7.724	9.679	LT/CL/RT	10322.4	20645		2581	
9.679	9.978	LT/CL/RT	1578.7	3157	1579	395	
9.978	10.774	LT/CL/RT	4202.9	8406		1051	
10.774	10.950	LT/CL/RT	929.3	1859	1859		
			TOTAL	115632	15419	13568	
			USE	115632	15419	13568	

LOG MILES ARE APPROXIMATE. SEE PAVEMENT MARKING LOG JSP.

SUMMARY OF QUANTITIES

SHEET 1 OF 2

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER

05/17/2023 9:52:01 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED 5/15/2023

ROUTE	STATE
A	MO
DISTRICT	SHEET NO.
SE	3

COUNTY PEMISCOT

JOB NO. J9S3778

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

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

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
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	6	96				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 (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
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 (WITH FLAGS)
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	20	320				UNEVEN LANES
WO8-12	48X48	16.00	10	160				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
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 (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	10	160				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	6	96				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	10	160				FLAGGER (SYMBOL, WITH FLAGS)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.76				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
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				ROAD WORK NEXT 10 MILES
GO20-2	48X24	8.00	2	16				END ROAD WORK
GO20-4	36X18	4.50	1	4.5				PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75	1	8.75				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	10	15				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 ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
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
R4-8a	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	2	16				RATE OUR WORK ZONE
CONST-7	72X36	18.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24				WORK ZONE NO PHONE ZONE

	TOTAL
616-10.05 CONSTRUCTION SIGNS	1106
616-10.10 RELOCATED SIGNS	0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	100	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	2	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

NOTE : SEE STANDARD PLAN 616.20 FOR TRAFFIC CONTROL

SUMMARY OF QUANTITIES

SHEET 2 OF 2

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
05/17/2023 9:52:39 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED 5/15/2023

ROUTE	STATE
A	MO
DISTRICT	SHEET NO.
SE	3

COUNTY: PEMISCOT

JOB NO. J9S3778

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

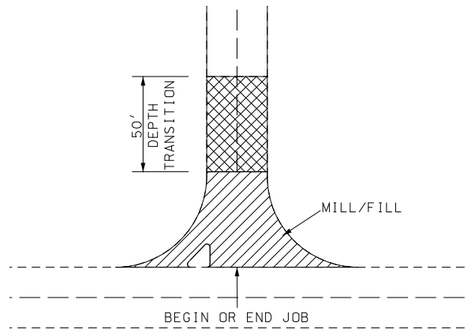
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

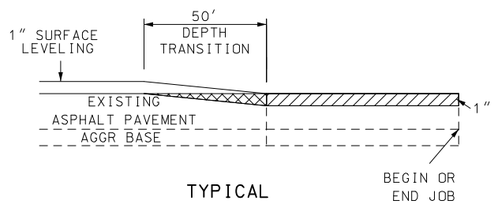
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

BEGIN PROJECT

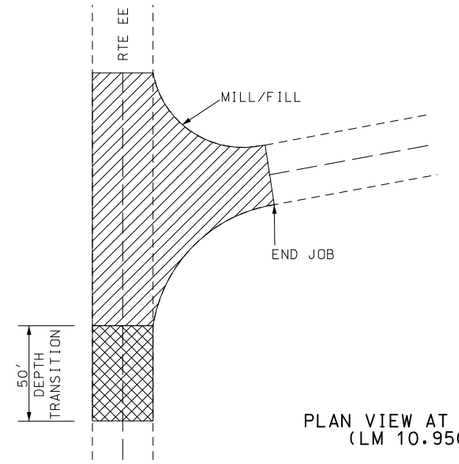


PLAN VIEW AT RTE A
(LM 0.000)

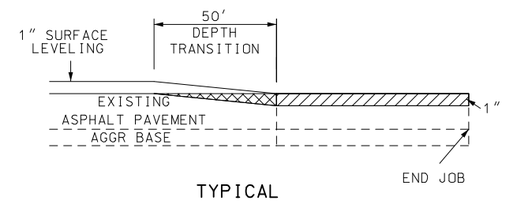


TYPICAL
RTE A

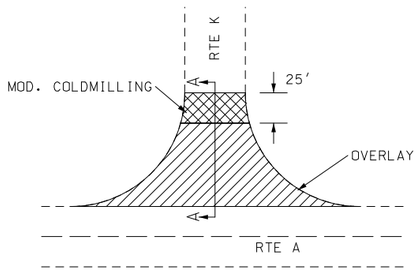
END PROJECT



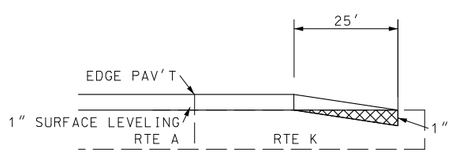
PLAN VIEW AT RTE A
(LM 10.950)



TYPICAL
RTE A



PLAN VIEW AT RTE K
(LM 4.046)

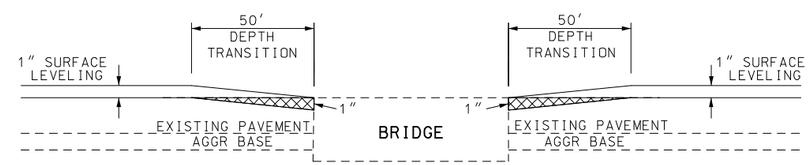


TYPICAL
SECTION A-A

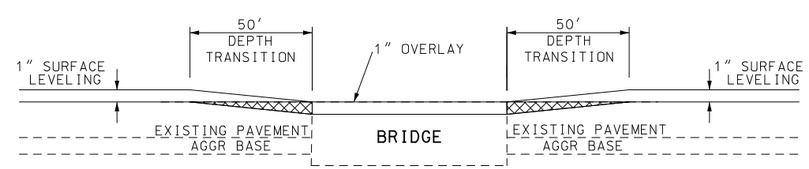
OVERLAY

MODIFIED
COLDMILLING

LOG MILE LOCATIONS APPROXIMATE
ADJUST AS DIRECTED BY ENGINEER
TO FIT FIELD CONDITIONS.



TYPICAL AT BRIDGE
T0537 (LM 1.004)
A8988 (LM 1.983)
A8768 (LM 4.552)
A8804 (LM 5.557)



NOTE : MILLING ON BRIDGE AND
BRIDGE REPAIRS BY OTHERS.

TYPICAL AT BRIDGE
T0697 (LM 5.105)
K0866 (LM 7.935)
K0867 (LM 8.941)
K0800 (LM 9.811)

SPECIAL SHEET
SHEET 1 OF 2
DRAWING NOT TO SCALE

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

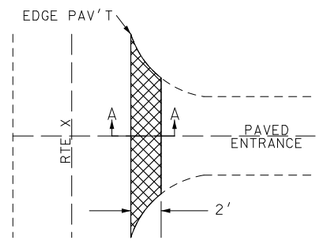
05/17/2023 1:20:36 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED	
5/15/2023	
ROUTE: A	STATE: MO
DISTRICT: SE	SHEET NO.: 4
COUNTY: PEMISCOT	
JOB NO.: J9S3778	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

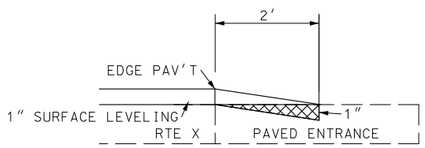
DATE	DESCRIPTION

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

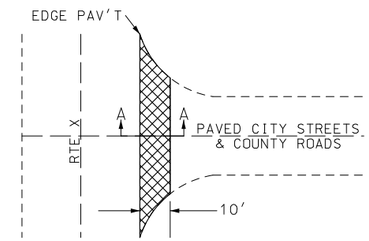
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



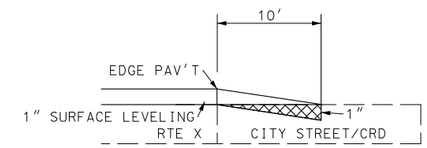
PLAN VIEW FOR PAVED
PRIVATE AND COMMERCIAL ENTRANCES



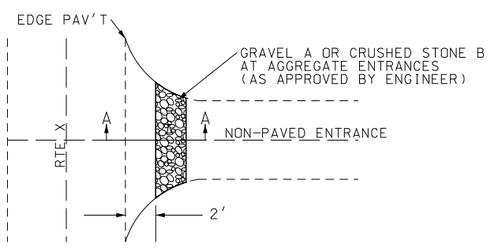
TYPICAL
SECTION A-A



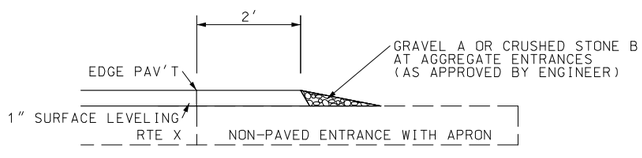
PLAN VIEW FOR PAVED
CITY STREETS AND COUNTY ROADS



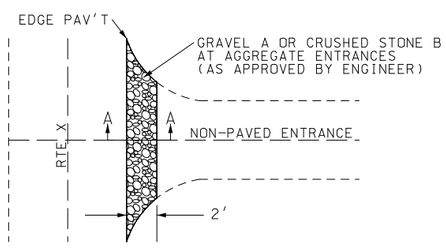
TYPICAL
SECTION A-A



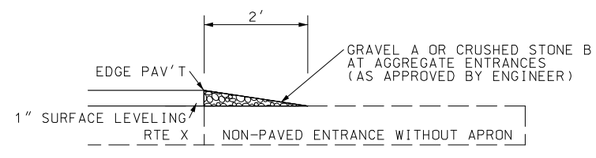
PLAN VIEW FOR NON-PAVED PRIVATE
AND COMMERCIAL ENTRANCES WITH EXISTING APRON



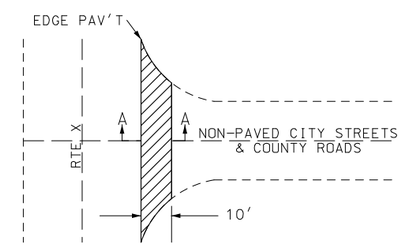
TYPICAL
SECTION A-A



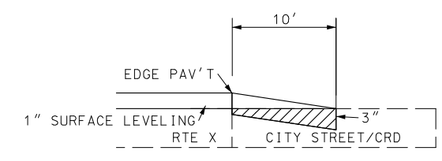
PLAN VIEW FOR NON-PAVED PRIVATE
AND COMMERCIAL ENTRANCES WITHOUT EXISTING APRON



TYPICAL
SECTION A-A



PLAN VIEW FOR NON-PAVED
CITY STREETS AND COUNTY ROADS



TYPICAL
SECTION A-A

COLDMILLING

GRADING

GRAVEL A OR
CRUSHED STONE B

NOTES

ALL GRADING NECESSARY FOR THE PROPER CONSTRUCTION OF HOT MIX AND AGGREGATE APRONS SHALL BE CONSIDERED INCIDENTAL WORK AND AT NO DIRECT PAY.

THE WIDTH OF ALL HOT MIX AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.

SPECIAL SHEET
SHEET 2 OF 2
DRAWING NOT TO SCALE

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

05/17/2023 1:21:22 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

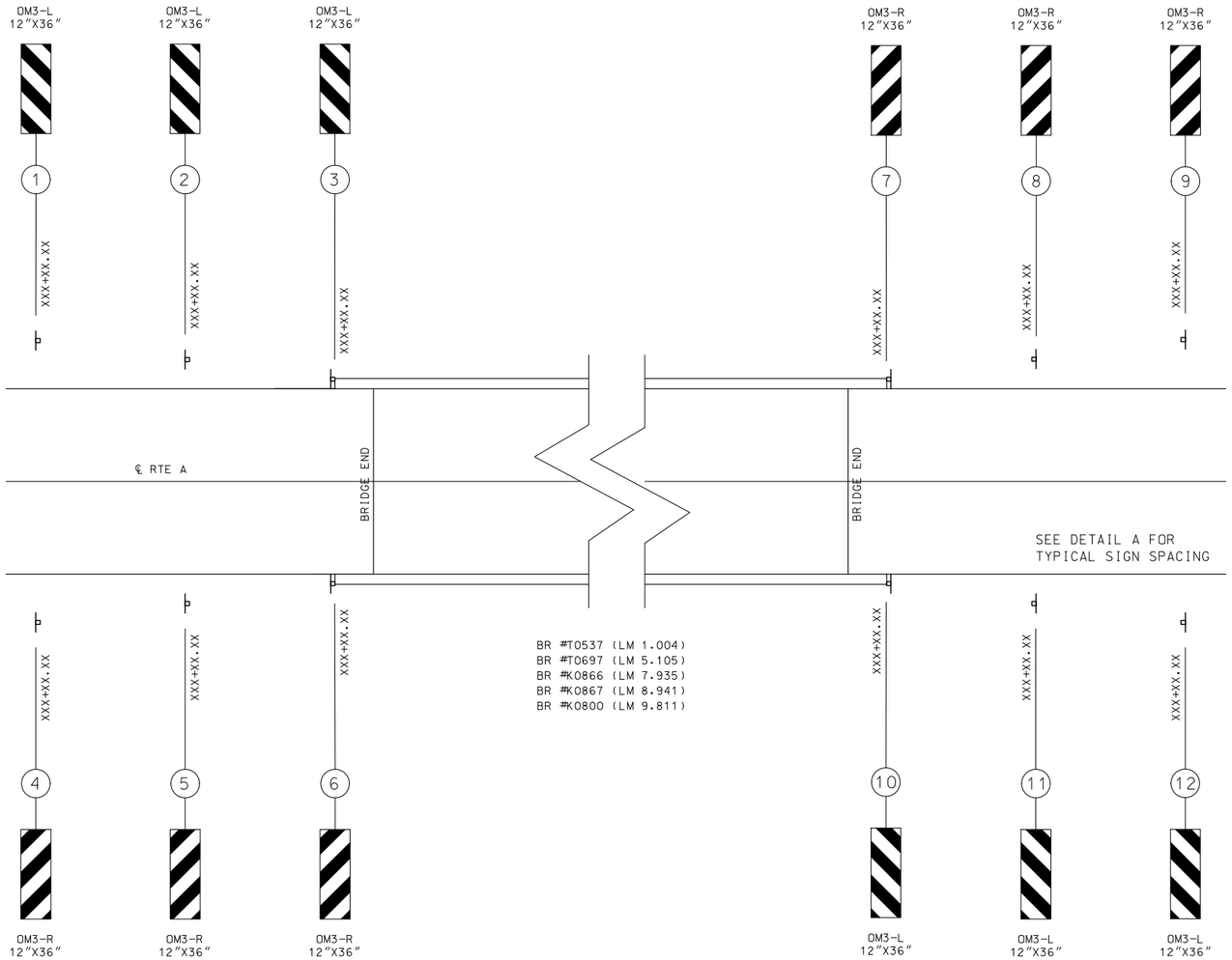
DATE PREPARED	
5/15/2023	
ROUTE: A	STATE: MO
DISTRICT: SE	SHEET NO.: 5
COUNTY: PEMISCOT	
JOB NO.: J9S3778	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

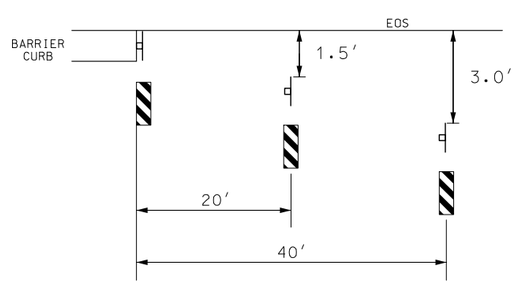
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



SIGNS					PERFORATED SQUARE STEEL TUBE POST 2 IN			
SIGN NO	SIGN SIZE	STATION	LOCATION	SIGN DETAIL SHEET NO	POST NO 1	TOTAL ITEM NO 9031270A	ANCHOR 12 GA ITEM NO 9031271A	
					LF	LF	LF	
1	12X36	XXX+XX.XX	LT ℄ RTE A	STD	9.00	9.00	3	
2	12X36	XXX+XX.XX	LT ℄ RTE A	STD	6.50	6.50	3	
3	12X36	XXX+XX.XX	LT ℄ RTE A	STD	3.50	3.50	3	
4	12X36	XXX+XX.XX	RT ℄ RTE A	STD	9.00	9.00	3	
5	12X36	XXX+XX.XX	RT ℄ RTE A	STD	6.50	6.50	3	
6	12X36	XXX+XX.XX	RT ℄ RTE A	STD	3.50	3.50	3	
7	12X36	XXX+XX.XX	LT ℄ RTE A	STD	3.50	3.50	3	
8	12X36	XXX+XX.XX	LT ℄ RTE A	STD	6.50	6.50	3	
9	12X36	XXX+XX.XX	LT ℄ RTE A	STD	9.00	9.00	3	
10	12X36	XXX+XX.XX	RT ℄ RTE A	STD	3.50	3.50	3	
11	12X36	XXX+XX.XX	RT ℄ RTE A	STD	6.50	6.50	3	
12	12X36	XXX+XX.XX	RT ℄ RTE A	STD	9.00	9.00	3	
				SUBTOTAL		76.00	36	
				TOTAL		380	180	5 BRIDGES

STANDARD SIGN ASSEMBLIES					
SIGN NUMBER	STATION	LOCATION	FLAT SHEET FLUORESCENT SIGN DESCRIPTION, SIZES & NUMBER OF EACH		
			OM3-L (12"X36")	OM3-R (12"X36")	
1	XXX+XX.XX	LT ℄ RTE A	1		
2	XXX+XX.XX	LT ℄ RTE A	1		
3	XXX+XX.XX	LT ℄ RTE A	1		
4	XXX+XX.XX	RT ℄ RTE A		1	
5	XXX+XX.XX	RT ℄ RTE A		1	
6	XXX+XX.XX	RT ℄ RTE A		1	
7	XXX+XX.XX	LT ℄ RTE A		1	
8	XXX+XX.XX	LT ℄ RTE A		1	
9	XXX+XX.XX	LT ℄ RTE A		1	
10	XXX+XX.XX	RT ℄ RTE A	1		
11	XXX+XX.XX	RT ℄ RTE A	1		
12	XXX+XX.XX	RT ℄ RTE A	1		
		SUBTOTAL	6	6	
		TOTAL	30	30	5 BRIDGES



DETAIL A

NOTE:

(3) (6) (7) (10) INSTALL OBJECT MARKER SAME HEIGHT AS BRIDGE BARRIER CURB

(2) (5) (8) (11) INSTALL OBJECT MARKER AT ½ STANDARD HEIGHT

(1) (4) (9) (12) INSTALL OBJECT MARKER AT STANDARD HEIGHT

NOTE: SPACE OBJECT MARKERS AS NEEDED TO MISS ENTRANCES

SIGN SUMMARY					
STANDARD SIGN	SIGN DETAIL SHEET NO	NO EACH	SIZE, TYPE & SQ FT		
			SIZE	FLAT SHEET FLUORESCENT* ITEM NO 9035069A	
OM3-L	STD	6	12"X36"	18	
OM3-R	STD	6	12"X36"	18	
			SUBTOTAL	36	
			TOTAL	180	5 BRIDGES

* ALTERNATING BLACK AND REFLECTIVE YELLOW STRIPES

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

TYPE 3 OBJECT MARKERS
SIGNING SHEET 1 OF 1

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER PE-2001018834
PROFESSIONAL ENGINEER
05/17/2023 1:32:28 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED 5/15/2023

ROUTE	STATE
A	MO
DISTRICT	SHEET NO.
SE	6

COUNTY PEMISCOT

JOB NO. J9S3778

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.