

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY VARIOUS COUNTIES

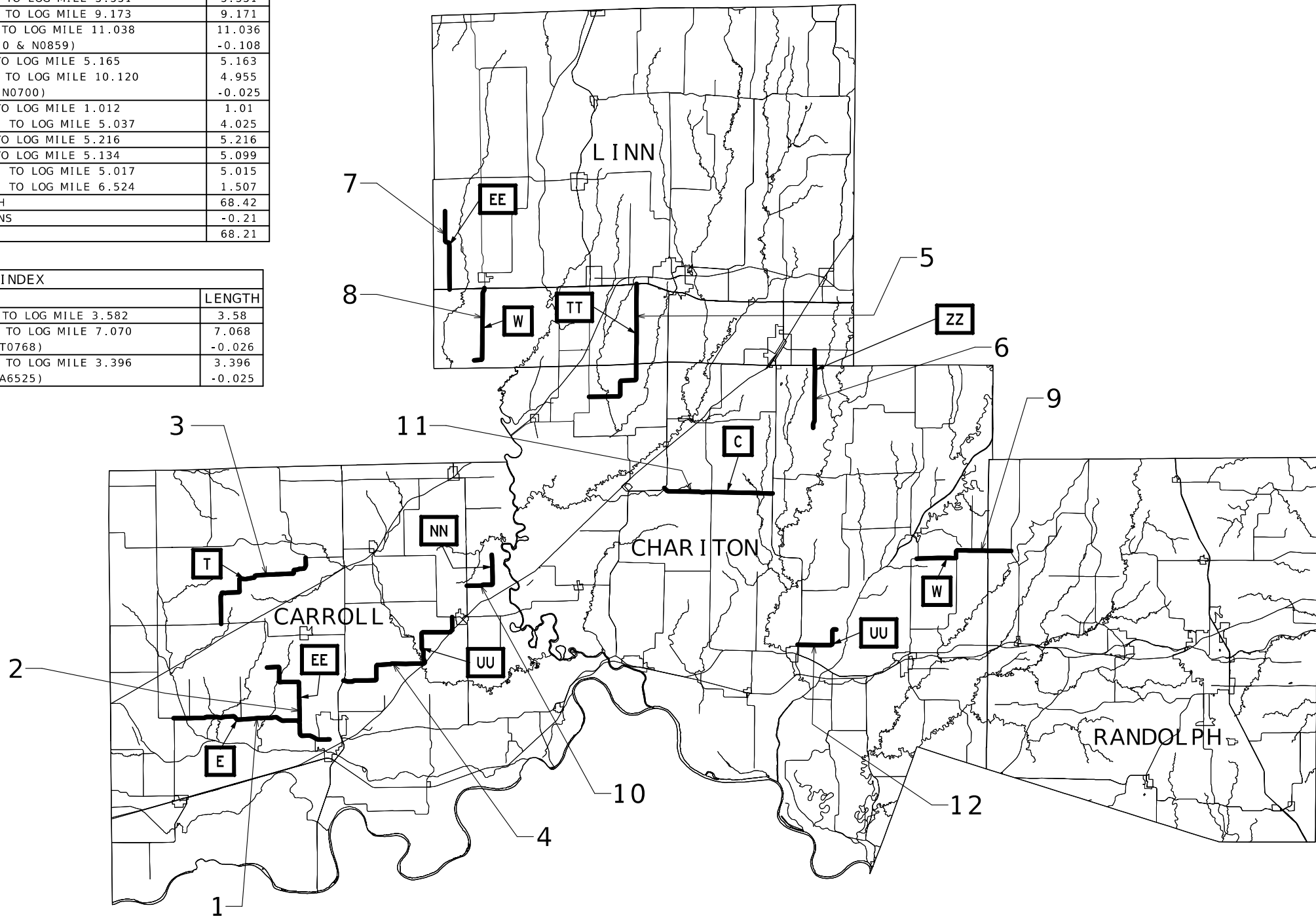
INDEX OF SHEETS	
DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS).....	2
QUANTITIES (QU) (7 SHEETS).....	3
SPECIAL SHEETS (SS).....	4-6
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DATE PREPARED 8/26/2024	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 1
COUNTY VARIOUS	
JOB NO. JST0099	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

LOW VOLUME RESURFACING BASE LOCATION INDEX			
KEY	ROUTE	LOCATION	LENGTH
1	E	CARROLL COUNTY - LOG MILE 0.002 TO LOG MILE 10.674	10.672
	E	EXCEPTIONS (BR. NO. A9085, A9036 & A2617)	-0.077
2	EE	CARROLL COUNTY - LOG MILE 0.000 TO LOG MILE 5.551	5.551
3	T	CARROLL COUNTY - LOG MILE 0.002 TO LOG MILE 9.173	9.171
4	UU	CARROLL COUNTY - LOG MILE 0.002 TO LOG MILE 11.038	11.036
	UU	EXCEPTIONS (BR. NO. N0910 & N0859)	-0.108
5	TT	LINN COUNTY - LOG MILE 0.002 TO LOG MILE 5.165	5.163
	TT	CHARITON COUNTY - LOG MILE 5.165 TO LOG MILE 10.120	4.955
	TT	EXCEPTIONS (BR. NO. N0700)	-0.025
6	ZZ	LINN COUNTY - LOG MILE 0.002 TO LOG MILE 1.012	1.01
	ZZ	CHARITON COUNTY - LOG MILE 1.012 TO LOG MILE 5.037	4.025
7	EE	LINN COUNTY - LOG MILE 0.000 TO LOG MILE 5.216	5.216
8	W	LINN COUNTY - LOG MILE 0.035 TO LOG MILE 5.134	5.099
9	W	CHARITON COUNTY - LOG MILE 0.002 TO LOG MILE 5.017	5.015
	W	RANDOLPH COUNTY - LOG MILE 5.017 TO LOG MILE 6.524	1.507
APPARENT LENGTH			68.42
TOTAL CORRECTIONS			-0.21
STATE LENGTH			68.21

ADD ALTERNATE LOCATION INDEX			
KEY	ROUTE	LOCATION	LENGTH
10	NN	CARROLL COUNTY - LOG MILE 0.002 TO LOG MILE 3.582	3.58
11	C	CHARITON COUNTY - LOG MILE 0.002 TO LOG MILE 7.070	7.068
	C	EXCEPTIONS (BR. NO. T0768)	-0.026
12	UU	CHARITON COUNTY - LOG MILE 0.000 TO LOG MILE 3.396	3.396
	UU	EXCEPTIONS (BR. NO. A6525)	-0.025



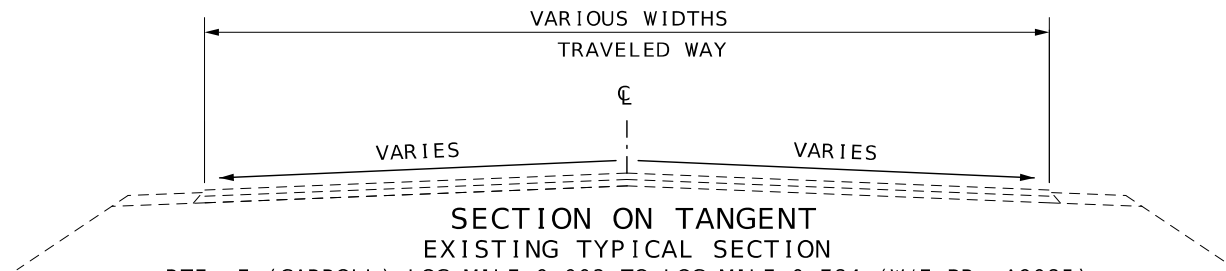
NOT TO SCALE

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

*NOTE:
PAVING WILL BE DONE AT FULL WIDTH
OF THE ROADWAY TO ELIMINATE CENTERLINE
JOINT.



**SECTION ON TANGENT
EXISTING TYPICAL SECTION**

RTE. E (CARROLL) LOG MILE 0.002 TO LOG MILE 0.784 (W/E BR. A9085)
RTE. E (CARROLL) LOG MILE 0.818 (E/E BR. A9085) TO LOG MILE 5.341 (W/E BR. A9036)
RTE. E (CARROLL) LOG MILE 5.353 (E/E BR. A9036) TO LOG MILE 10.577 (W/E BR. A2617)
RTE. E (CARROLL) LOG MILE 10.608 (E/E BR. A2617) TO LOG MILE 10.674
RTE. EE (CARROLL) LOG MILE 0.000 TO LOG MILE 5.551
RTE. T. (CARROLL) LOG MILE 0.002 TO LOG MILE 9.173
RTE. UU (CARROLL) LOG MILE 0.002 TO LOG MILE 5.812 (W/E BR. N0910)
RTE. UU (CARROLL) LOG MILE 5.838 (E/E BR. N0910) TO LOG MILE 5.944 (W/E BR. N0859)
RTE. UU (CARROLL) LOG MILE 6.026 (E/E BR. N0859) TO LOG MILE 11.038
RTE. TT (LINN) LOG MILE 0.002 TO LOG MILE 5.165 (CHARITON COUNTY LINE)
RTE. TT (CHARITON) LOG MILE 5.165 TO LOG MILE 8.937 (E/E BR. N0700)
RTE. TT (CHARITON) LOG MILE 8.962 (W/E BR. N0700) TO LOG MILE 10.120
RTE. ZZ (LINN) LOG MILE 0.002 TO LOG MILE 1.012 (CHARITON COUNTY LINE)
RTE. ZZ (CHARITON) LOG MILE 1.012 TO LOG MILE 5.037
RTE. EE (LINN) LOG MILE 0.000 TO LOG MILE 5.216
RTE. W (LINN) LOG MILE 0.035 TO LOG MILE 5.134
RTE. W (CHARITON) LOG MILE 0.002 TO LOG MILE 5.017 (RANDOLPH COUNTY LINE)
RTE. W (RANDOLPH) LOG MILE 5.017 TO LOG MILE 6.524

ADD ALTERNATE LOCATION 1
RTE. NN (CARROLL) LOG MILE 0.002 TO LOG MILE 3.582

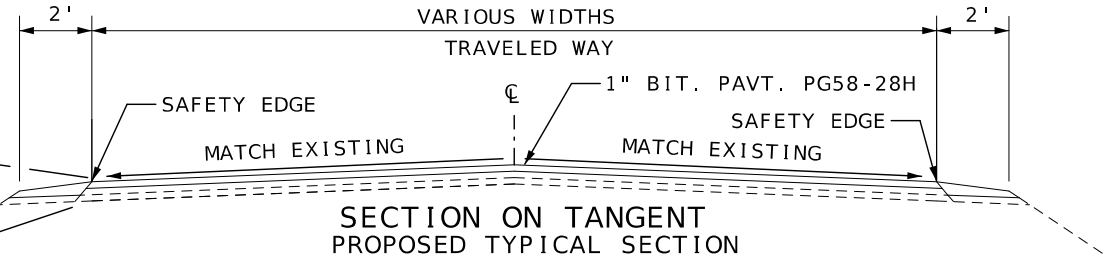
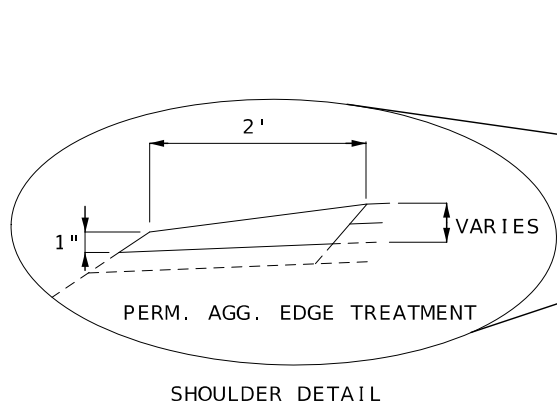
ADD ALTERNATE LOCATION 2
RTE. C (CHARITON) LOG MILE 0.002 TO LOG MILE 0.164 (W/E BR. T0768)
RTE. C (CHARITON) LOG MILE 0.19 (E/E BR. T0768) TO LOG MILE 7.070

ADD ALTERNATE LOCATION 3
RTE. UU (CHARITON) LOG MILE 0.000 TO LOG MILE 1.373 (W/E BR. A6525)
RTE. UU (CHARITON) LOG MILE 1.398 (E/E BR. A6525) TO LOG MILE 3.396

ESTIMATE FACTORS *

DESCRIPTION	FACTOR
BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING	1.98 TONS/CY
TACK COAT	EXISTING 0.08 GAL/SY MILLED 0.10 GAL/SY
GRAVEL A OR CRUSHED STONE B	1.6 TONS/CY
PERMANENT AGGREGATE EDGE TREATMENT	1.6 TONS/CY

* FOR INFORMATIONAL PURPOSES ONLY



**SECTION ON TANGENT
PROPOSED TYPICAL SECTION**

RTE. E (CARROLL) LOG MILE 0.002 TO LOG MILE 0.784 (W/E BR. A9085)
RTE. E (CARROLL) LOG MILE 0.818 (E/E BR. A9085) TO LOG MILE 5.341 (W/E BR. A9036)
RTE. E (CARROLL) LOG MILE 5.353 (E/E BR. A9036) TO LOG MILE 10.577 (W/E BR. A2617)
RTE. E (CARROLL) LOG MILE 10.608 (E/E BR. A2617) TO LOG MILE 10.674
RTE. EE (CARROLL) LOG MILE 0.000 TO LOG MILE 5.551
RTE. T. (CARROLL) LOG MILE 0.002 TO LOG MILE 9.173
RTE. UU (CARROLL) LOG MILE 0.002 TO LOG MILE 5.812 (W/E BR. N0910)
RTE. UU (CARROLL) LOG MILE 5.838 (E/E BR. N0910) TO LOG MILE 5.944 (W/E BR. N0859)
RTE. UU (CARROLL) LOG MILE 6.026 (E/E BR. N0859) TO LOG MILE 11.038
RTE. TT (LINN) LOG MILE 0.002 TO LOG MILE 5.165 (CHARITON COUNTY LINE)
RTE. TT (CHARITON) LOG MILE 5.165 TO LOG MILE 8.937 (E/E BR. N0700)
RTE. TT (CHARITON) LOG MILE 8.962 (W/E BR. N0700) TO LOG MILE 10.120
RTE. ZZ (LINN) LOG MILE 0.002 TO LOG MILE 1.012 (CHARITON COUNTY LINE)
RTE. ZZ (CHARITON) LOG MILE 1.012 TO LOG MILE 5.037
RTE. EE (LINN) LOG MILE 0.000 TO LOG MILE 5.216
RTE. W (LINN) LOG MILE 0.035 TO LOG MILE 5.134
RTE. W (CHARITON) LOG MILE 0.002 TO LOG MILE 5.017 (RANDOLPH COUNTY LINE)
RTE. W (RANDOLPH) LOG MILE 5.017 TO LOG MILE 6.524

ADD ALTERNATE LOCATION 1
RTE. NN (CARROLL) LOG MILE 0.002 TO LOG MILE 3.582

ADD ALTERNATE LOCATION 2
RTE. C (CHARITON) LOG MILE 0.002 TO LOG MILE 0.164 (W/E BR. T0768)
RTE. C (CHARITON) LOG MILE 0.19 (E/E BR. T0768) TO LOG MILE 7.070

ADD ALTERNATE LOCATION 3
RTE. UU (CHARITON) LOG MILE 0.000 TO LOG MILE 1.373 (W/E BR. A6525)
RTE. UU (CHARITON) LOG MILE 1.398 (E/E BR. A6525) TO LOG MILE 3.396

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 1



DATE PREPARED
8/26/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	2

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

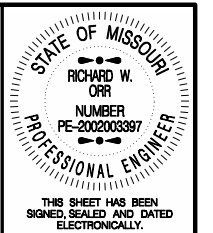
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REV.

BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING										
LOG MILE	LOG MILE	ROUTE	COUNTY	LENGTH (MI)	AVERAGE WIDTH (FT)	DEPTH (IN)	(TONS)	TACK COAT (GAL)	REMARKS	
0.002	0.784	E	CARROLL	0.782	22.1	1	557.64	811.11	BEGINING OF ROUTE TO BR. A9085	
0.818	5.341			4.523	22.1	1	3225.32	4691.38	FROM BR. A9085 TO BR. A9036	
5.353	10.577			5.224	22.1	1	3725.20	5418.47	FROM BR. A9036 TO BR. A2617	
10.608	10.674			0.066	22.1	1	47.06	68.46	FROM BR. A2617 TO END OF ROUTE	
								175	254.55	PAVED APPROACHES
							1589.25	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES	
							151.10	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.000	5.551	EE	CARROLL	5.551	20.6	1	3689.71	5366.85	BEGINNING OF ROUTE TO END OF ROUTE	
								0.95	1.38	PAVED APPROACHES
								832.65	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
							73.79	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.002	9.173	T	CARROLL	9.171	20.3	1	6007.13	8737.64	BEGINNING OF ROUTE TO END OF ROUTE	
								0.44	0.64	PAVED APPROACHES
								1375.65	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
							120.14	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.002	5.812	UU	CARROLL	5.810	20.8	1	3899.36	5671.80	BEGINNING OF ROUTE TO BR. N0910	
5.838	5.944			0.106	20.8	1	71.14	103.48	FROM BR. N0910 TO BR. N0859	
6.026	11.038			5.012	20.8	1	3363.79	4892.78	FROM BR. N0859 TO END OF ROUTE	
								2.387	3.47	PAVED APPROACHES
							1639.20	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES	
							146.69	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.002	6.524	W	CHARITON	6.522	21.3	1	4482.44	6519.91	BEGINNING OF ROUTE TO END OF ROUTE	
								93.45	135.92	PAVED APPROACHES
								978.30	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
							89.65	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.000	5.216	EE	LINN	5.216	21	1	3534.36	5140.89	BEGINNING OF ROUTE TO END OF ROUTE	
								782.40	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
							70.69	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.002	8.937	TT	LINN	8.935	20.7	1	5967.87	8680.53	BEGINNING OF ROUTE TO BR. N0700	
8.962	10.120			1.158	20.7		773.45	1125.02	FROM BR. N0700 TO END OF ROUTE	
								0.744	1.08	PAVED APPROACHES
							1513.95	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES	
							134.83	--	ADDITIONAL 2% FOR SAFETY EDGE	
0.035	5.134	W	LINN	5.099	20.1	1	3307.01	4810.19	BEGINNING OF ROUTE TO END OF ROUTE	
								3.711	5.40	PAVED APPROACHES
								764.85	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
								66.14	--	ADDITIONAL 2% FOR SAFETY EDGE
0.002	5.037	ZZ	LINN	5.035	20.8	1	3379.22	4915.23	BEGINNING OF ROUTE TO END OF ROUTE	
								0.375	0.55	PAVED APPROACHES
								755.25	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
								67.58	--	ADDITIONAL 2% FOR SAFETY EDGE
ADD ALTERNATE LOCATION 1										
0.002	3.582	NN	CARROLL	3.580	20.5	1	2368.05	3444.44	BEGINNING OF ROUTE TO END OF ROUTE	
								537.00	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
								47.36	--	ADDITIONAL 2% FOR SAFETY EDGE
ADD ALTERNATE LOCATION 2										
0.002	0.164	C	CHARITON	0.162	20.8	1	108.73	158.15	FROM BEGINNING OF ROUTE TO BR. T0768	
0.190	7.070			6.880	20.8	1	4617.49	6716.35	FROM BR. T0768 TO END OF ROUTE	
								30.301	44.07	PAVED APPROACHES
								1056.30	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
							94.52	--	ADDITIONAL 2% FOR SAFETY EDGE	
ADD ALTERNATE LOCATION 3										
0.000	1.373	UU	CHARITON	1.373	19.6	1	868.32	1263.01	BEGINNING OF ROUTE TO BR. A6525	
1.398	3.398			2.000	19.6	1	1264.85	1839.79	FROM BR. A6525 TO END OF ROUTE	
								0.5	0.73	PAVED APPROACHES
							505.95	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES	
							42.66	--	ADDITIONAL 2% FOR SAFETY EDGE	
		E	CARROLL				9470.6	11244.0		
		EE	CARROLL				4597.1	5368.2		
		T	CARROLL				7503.4	8738.3		
		UU	CARROLL				9122.6	10671.5		
		W	CHARITON				5643.8	6655.8		
		EE	LINN				4387.5	5140.9		
		TT	LINN				8390.8	9806.6		
		W	LINN				4141.7	4815.6		
		ZZ	LINN				4202.4	4915.8		
		BASE TOTALS					57459.9	67356.7		
		BASE PAY TOTALS					57459.9	67357		
		ADD ALTERNATE LOCATION 1 PAY TOTAL								
		NN	CARROLL				2952.4	3444		
		ADD ALTERNATE LOCATION 2 PAY TOTAL								
		C	CHARITON				5907.3	6919		
		ADD ALTERNATE LOCATION 3 PAY TOTAL								
		UU	CHARITON				2682.3	3103		

MOBILIZATION
LUMP SUM = 1

SUMMARY OF QUANTITIES
SHEET 1 OF 7



DATE PREPARED
8 / 26 / 2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NW 3

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NW 3

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MODIFIED COLDMILLING (DEPTH TRANSITIONS)							
LOG MILE		ROUTE	COUNTY	LENGTH (FT)	AVERAGE WIDTH (FT)	QUANTITY (SY)	REMARKS
FROM	TO						
0.002	0.01	E	CARROLL	200	10	222.22	FROM BEGINNING OF ROUTE
0.77	0.784			50	22	122.22	TO BR. A9085
0.818	0.83			50	22	122.22	FROM BR. A9085
5.32	5.341			50	22	122.22	TO BR. A9036
5.353	5.36			50	22	122.22	FROM BR. A9036
10.56	10.577			50	22	122.22	TO BR. A2617
				150	30	500.00	PAVED APPROACHES
0.000	0.01	EE	CARROLL	0	0	0.00	STARTS FROM GRAVEL
5.53	5.551			10	120	133.33	TO END OF ROUTE
						20.00	PAVED APPROACHES
0.002	0.01	T	CARROLL	10	120	133.33	FROM BEGINNING OF ROUTE
9.15	9.173			10	120	133.33	TO END OF ROUTE
						20.00	PAVED APPROACHES
0.002	0.01	UU	CARROLL	10	120	133.33	FROM BEGINNING OF ROUTE
5.79	5.812			50	20	111.11	TO BR. N0910
5.838	5.85			50	20	111.11	FROM BR. N0910
5.93	5.944			50	20	111.11	TO BR. N0859
6.026	6.04			50	20	111.11	FROM BR. N0859
11.02	11.038			10	120	133.33	TO END OF ROUTE
						217.25	PAVED APPROACHES
0.002	0.01	W	CHARITON	10	300	333.33	FROM BEGINNING OF ROUTE
6.51	6.524			10	120	133.33	TO END OF ROUTE
						77.73	PAVED APPROACHES
0.000	0.01	EE	LINN	0	0	0.00	STARTS FROM GRAVEL
5.20	5.216			10	21	23.33	TO END OF ROUTE
						20.00	PAVED APPROACHES
0.002	0.01	TT	LINN	10	21	23.33	FROM BEGINNING OF ROUTE
8.92	8.937			50	21	116.67	TO BR. N0700
8.962	8.97			50	21	116.67	FROM BR. N0700
10.10	10.120			10	120	133.33	TO END OF ROUTE
						50.00	PAVED APPROACHES
0.035	0.04	W	LINN	10	20.1	22.33	FROM BEGINNING OF ROUTE
5.12	5.134			10	20.1	22.33	TO END OF ROUTE
						20.00	PAVED APPROACHES
0.002	0.01	ZZ	LINN	10	120	133.33	FROM BEGINNING OF ROUTE
5.02	5.037			0	0	0.00	ENDS TO GRAVEL
						20.00	PAVED APPROACHES
						3,947.37	BASE SUB TOTAL
						3,947	BASE PAY TOTAL
ADD ALTERNATE LOCATION 1							
3.562	3.582	NN	CARROLL	10	120	133.33	TO END OF ROUTE
						153	PAY TOTAL
ADD ALTERNATE LOCATION 2							
0.002	0.01	C	CHARITON	10	120	133.33	FROM BEGINNING OF ROUTE
7.05	7.070			10	120	133.33	TO END OF ROUTE
						225.84	PAVED APPROACHES
						493	PAY TOTAL
ADD ALTERNATE LOCATION 3							
0.000	0.01	UU	CHARITON	10	120	133.33	FROM BEGINNING OF ROUTE
1.35	1.373			50	20	111.11	TO BR. A6525
1.398	1.41			50	20	111.11	FROM BR. A6525
						20.00	PAVED APPROACHES
						376	PAY TOTAL

COLD MIX PATCHING			
ROUTE	COUNTY	REMOVAL OF DAMAGED PAVEMENT	REPLACEMENT OF DAMAGED PAVEMENT
		(S.Y.)	(TON)
E	CARROLL	480.79	192.32
EE	CARROLL	234.80	93.92
T	CARROLL	382.27	152.91
UU	CARROLL	466.73	186.69
W	CHARITON	285.25	114.10
EE	LINN	224.91	89.96
TT	LINN	428.99	171.60
W	LINN	210.45	84.18
ZZ	LINN	215.04	86.02
		2929.23	1171.70
		2929.2	1171.7
ADD ALTERNATE LOCATION 1			
NN	CARROLL	150.69	60.28
		150.7	60.3
ADD ALTERNATE LOCATION 2			
C	CHARITON	300.76	120.30
		300.8	120.3
ADD ALTERNATE LOCATION 3			
UU	CHARITON	135.75	54.30
		135.8	54.3

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

(4) STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (LF)	4" SOLID YELLOW (LF)	REMARKS
FROM	TO						
0	0.043	T	CARROLL	227.04	0	454.08	D
0.043	0.334	T	CARROLL	1536.48	384.12	1536.48	S
0.334	0.624	T	CARROLL	1531.2	0	3062.4	D
0.624	0.904	T	CARROLL	1478.4	369.6	1478.4	S
0.904	0.93	T	CARROLL	137.28	0	274.56	D
0.93	1.021	T	CARROLL	480.48	120.12	480.48	S
1.021	1.087	T	CARROLL	348.48	0	696.96	D
1.087	1.192	T	CARROLL	554.4	138.6	554.4	S
1.192	1.241	T	CARROLL	258.72	0	517.44	D
1.241	1.342	T	CARROLL	533.28	133.32	533.28	S
1.342	1.39	T	CARROLL	253.44	0	506.88	D
1.39	1.509	T	CARROLL	628.32	157.08	628.32	S
1.509	5.13	T	CARROLL	19118.88	0	38237.76	D
5.13	5.429	T	CARROLL	1578.72	394.68	1578.72	S
5.429	5.88	T	CARROLL	2381.28	0	4762.56	D
5.88	6.19	T	CARROLL	1636.8	409.2	1636.8	S
6.19	6.249	T	CARROLL	311.52	77.88	0	A
6.249	6.425	T	CARROLL	929.28	232.32	929.28	S
6.425	6.966	T	CARROLL	2856.48	0	5712.96	D
6.966	7.147	T	CARROLL	955.68	238.92	955.68	S
7.147	7.21	T	CARROLL	332.64	83.16	0	A
7.21	7.375	T	CARROLL	871.2	217.8	871.2	S
7.375	9.173	T	CARROLL	9493.44	0	18986.88	D
TOTALS				2,956.80	84,395.52		
SUB TOTAL					87,352		

(6) ADD ALT. ROUTE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (FT)	4" SOLID YELLOW (FT)	REMARKS
FROM	TO						
0	0.036	C	CHARITON	190.08	0	380.16	D
0.036	0.119	C	CHARITON	438.24	109.56	438.24	S
0.119	0.53	C	CHARITON	2170.08	0	4340.16	D
0.53	0.703	C	CHARITON	913.44	228.36	913.44	S
0.703	0.726	C	CHARITON	121.44	30.36	0	A
0.726	0.896	C	CHARITON	897.6	224.4	897.6	S
0.896	1.318	C	CHARITON	2228.16	0	4456.32	D
1.318	1.487	C	CHARITON	892.32	223.08	892.32	S
1.487	1.506	C	CHARITON	100.32	25.08	0	A
1.506	1.657	C	CHARITON	797.28	199.32	797.28	S
1.657	1.776	C	CHARITON	628.32	0	1256.64	D
1.776	1.932	C	CHARITON	823.68	205.92	823.68	S
1.932	2.056	C	CHARITON	654.72	163.68	0	A
2.056	2.2	C	CHARITON	760.32	190.08	760.32	S
2.2	2.769	C	CHARITON	3004.32	0	6008.64	D
2.769	3.06	C	CHARITON	1536.48	384.12	1536.48	S
3.06	3.14	C	CHARITON	422.4	0	844.8	D
3.14	3.254	C	CHARITON	601.92	150.48	601.92	S
3.254	3.269	C	CHARITON	79.2	19.8	0	A
3.269	3.421	C	CHARITON	802.56	200.64	802.56	S
3.421	3.836	C	CHARITON	2191.2	0	4382.4	D
3.836	4.115	C	CHARITON	1473.12	368.28	1473.12	S
4.115	4.131	C	CHARITON	84.48	0	168.96	D
4.131	4.459	C	CHARITON	1731.84	432.96	1731.84	S
4.459	5.452	C	CHARITON	5243.04	0	10486.08	D
5.452	5.795	C	CHARITON	1811.04	452.76	1811.04	S
5.795	5.98	C	CHARITON	976.8	0	1953.6	D
5.98	6.077	C	CHARITON	512.16	128.04	512.16	S
6.077	6.284	C	CHARITON	1092.96	0	2185.92	D
6.284	6.647	C	CHARITON	1916.64	479.16	1916.64	S
6.647	7.07	C	CHARITON	2233.44	0	4466.88	D
TOTALS				4,216.08	56,839.20		
SUB TOTAL					61,055		

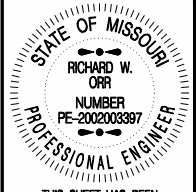
(3) ADD ALT. ROUTE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (FT)	4" SOLID YELLOW (FT)	REMARKS
FROM	TO						
0	0.344	NN	CARROLL	1816.32	0	3632.64	D
0.344	0.48	NN	CARROLL	718.08	179.52	718.08	S
0.48	0.515	NN	CARROLL	184.8	0	369.6	D
0.515	0.803	NN	CARROLL	1520.64	380.16	1520.64	S
0.803	0.842	NN	CARROLL	205.92	0	411.84	D
0.842	0.978	NN	CARROLL	718.08	179.52	718.08	S
0.978	1.302	NN	CARROLL	1710.72	0	3421.44	D
1.302	1.441	NN	CARROLL	733.92	183.48	733.92	S
1.441	1.483	NN	CARROLL	221.76	0	443.52	D
1.483	1.567	NN	CARROLL	443.52	110.88	443.52	S
1.567	2.144	NN	CARROLL	3046.56	0	6093.12	D
2.144	2.44	NN	CARROLL	1562.88	390.72	1562.88	S
2.44	3.581	NN	CARROLL	6024.48	0	12048.96	D
TOTALS				1,424.28	32,118.24		
SUB TOTAL					33,543		

(5) STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (LF)	4" SOLID YELLOW (LF)	4" SOLID WHITE (LF)	REMARKS
FROM	TO							
0	11.037	UU	CARROLL	58275.36			116,550.72	
0	0.778	UU	CARROLL	4107.84	0	8215.68		D
0.778	1.07	UU	CARROLL	1541.76	385.44	1541.76		S
1.07	1.276	UU	CARROLL	1087.68	0	2175.36		D
1.276	1.576	UU	CARROLL	1584	396	1584		S
1.576	1.816	UU	CARROLL	1267.2	0	2534.4		D
1.816	1.927	UU	CARROLL	586.08	146.52	586.08		S
1.927	1.957	UU	CARROLL	158.4	0	316.8		D
1.957	2.04	UU	CARROLL	438.24	109.56	438.24		S
2.04	2.602	UU	CARROLL	2967.36	0	5934.72		D
2.602	2.683	UU	CARROLL	427.68	106.92	427.68		S
2.683	3.118	UU	CARROLL	2296.8	0	4593.6		D
3.118	3.21	UU	CARROLL	485.76	121.44	485.76		S
3.21	3.276	UU	CARROLL	348.48	0	696.96		D
3.276	3.365	UU	CARROLL	469.92	117.48	469.92		S
3.365	4.408	UU	CARROLL	5507.04	0	11014.08		D
4.408	4.595	UU	CARROLL	987.36	246.84	987.36		S
4.595	5.625	UU	CARROLL	5438.4	1359.6	0		A
5.625	6.592	UU	CARROLL	5105.76	0	10211.52		D
6.592	6.684	UU	CARROLL	485.76	121.44	485.76		S
6.684	7.553	UU	CARROLL	4588.32	0	9176.64		D
7.553	7.843	UU	CARROLL	1531.2	382.8	1531.2		S
7.843	8.33	UU	CARROLL	2571.36	0	5142.72		D
8.33	8.715	UU	CARROLL	2032.8	508.2	2032.8		S
8.715	8.898	UU	CARROLL	966.24	0	1932.48		D
8.898	9.115	UU	CARROLL	1145.76	286.44	1145.76		S
9.115	9.473	UU	CARROLL	1890.24	0	3780.48		D
9.473	9.595	UU	CARROLL	644.16	161.04	644.16		S
9.595	10.352	UU	CARROLL	3996.96	0	7993.92		D
10.352	10.463	UU	CARROLL	586.08	146.52	586.08		S
10.463	11.037	UU	CARROLL	3030.72	0	6061.44		D
TOTALS				4,596.24	92,727.36	116,550.72		
SUB TOTALS					97,324	116,551.00		

SUMMARY OF QUANTITIES
SHEET 4 OF 7



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NW 3

COUNTY
VARIOUS

JOB NO.
JST0099

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)

(11) STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS							
LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (LF)	4" SOLID YELLOW (LF)	REMARKS
FROM	TO						
0	0.177	EE	LINN	934.56	0	1869.12	D
0.177	0.257	EE	LINN	422.4	105.6	422.4	S
0.257	0.377	EE	LINN	633.6	0	1267.2	D
0.377	0.42	EE	LINN	227.04	56.76	227.04	S
0.42	0.507	EE	LINN	459.36	0	918.72	D
0.507	0.558	EE	LINN	269.28	67.32	269.28	S
0.558	0.712	EE	LINN	813.12	0	1626.24	D
0.712	0.837	EE	LINN	660	165	660	S
0.837	0.945	EE	LINN	570.24	0	1140.48	D
0.945	0.97	EE	LINN	132	33	0	A
0.97	1.117	EE	LINN	776.16	194.04	776.16	S
1.117	1.157	EE	LINN	211.2	0	422.4	D
1.157	1.547	EE	LINN	2059.2	514.8	2059.2	S
1.547	1.676	EE	LINN	681.12	170.28	0	A
1.676	1.856	EE	LINN	950.4	237.6	950.4	S
1.856	2.294	EE	LINN	2312.64	0	4625.28	D
2.294	2.551	EE	LINN	1356.96	339.24	1356.96	S
2.551	2.571	EE	LINN	105.6	0	211.2	D
2.571	3.117	EE	LINN	2882.88	720.72	2882.88	S
3.117	3.324	EE	LINN	1092.96	273.24	0	A
3.324	3.337	EE	LINN	68.64	0	137.28	D
3.337	3.475	EE	LINN	728.64	182.16	728.64	S
3.475	3.493	EE	LINN	95.04	0	190.08	D
3.493	3.685	EE	LINN	1013.76	253.44	1013.76	S
3.685	3.797	EE	LINN	591.36	147.84	0	A
3.797	4.496	EE	LINN	3690.72	922.68	3690.72	S
4.496	4.526	EE	LINN	158.4	0	316.8	D
4.526	4.568	EE	LINN	221.76	55.44	221.76	S
4.568	4.691	EE	LINN	649.44	0	1298.88	D
4.691	4.854	EE	LINN	860.64	215.16	860.64	S
4.854	4.92	EE	LINN	348.48	87.12	0	A
4.92	5.095	EE	LINN	924	231	924	S
5.095	5.216	EE	LINN	638.88	0	1277.76	D
				TOTALS	4,972.44	32,345.28	
				SUB TOTAL		37,318	

(12) STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS							
LOG MILE		ROUTE	COUNTY	LENGTH (FT)	4" INT. YELLOW (LF)	4" SOLID YELLOW (LF)	REMARKS
FROM	TO						
0	0.4	W	LINN	2112	0	4224	D
0.4	0.537	W	LINN	723.36	180.84	723.36	S
0.537	0.646	W	LINN	575.52	143.88	0	A
0.646	0.802	W	LINN	823.68	205.92	823.68	S
0.802	0.82	W	LINN	95.04	0	190.08	D
0.82	0.915	W	LINN	501.6	125.4	501.6	S
0.915	0.976	W	LINN	322.08	0	644.16	D
0.976	1.076	W	LINN	528	132	528	S
1.076	1.085	W	LINN	47.52	0	95.04	D
1.085	1.216	W	LINN	691.68	172.92	691.68	S
1.216	1.237	W	LINN	110.88	0	221.76	D
1.237	1.363	W	LINN	665.28	166.32	665.28	S
1.363	1.391	W	LINN	147.84	0	295.68	D
1.391	1.537	W	LINN	770.88	192.72	770.88	S
1.537	1.704	W	LINN	881.76	220.44	0	A
1.704	1.837	W	LINN	702.24	175.56	702.24	S
1.837	2.203	W	LINN	1932.48	0	3864.96	D
2.203	2.368	W	LINN	871.2	217.8	871.2	S
2.368	2.424	W	LINN	295.68	73.92	0	A
2.424	2.596	W	LINN	908.16	227.04	908.16	S
2.596	2.788	W	LINN	1013.76	0	2027.52	D
2.788	2.915	W	LINN	670.56	167.64	670.56	S
2.915	2.938	W	LINN	121.44	0	242.88	D
2.938	3.013	W	LINN	396	99	396	S
3.013	3.08	W	LINN	353.76	88.44	0	A
3.08	3.179	W	LINN	522.72	0	1045.44	D
3.179	3.238	W	LINN	311.52	77.88	0	A
3.238	3.322	W	LINN	443.52	110.88	443.52	S
3.322	3.35	W	LINN	147.84	0	295.68	D
3.35	3.412	W	LINN	327.36	81.84	327.36	S
3.412	3.456	W	LINN	232.32	0	464.64	D
3.456	3.585	W	LINN	681.12	170.28	681.12	S
3.585	3.633	W	LINN	253.44	0	506.88	D
3.633	3.886	W	LINN	1335.84	333.96	1335.84	S
3.886	5.133	W	LINN	6584.16	0	13168.32	D
				TOTALS	3,364.68	38,327.52	
				SUB TOTAL		41,692	

SUMMARY OF STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS				
TABLE	ROUTE	COUNTY	4" YELLOW (FT)	4" WHITE (FT)
1	E	CARROLL	81,756	0
2	EE	CARROLL	51,011	0
4	T	CARROLL	87,352	0
5	UU	CARROLL	97,324	116,551
8	TT	CHARITON/LINN	57,916	0
9	ZZ	CHARITON/LINN	47,665	0
10	W	CHARITON/RANDOLPH	35,669	68,904
11	EE	LINN	37,318	0
12	W	LINN	41,692	0
BASE PAY TOTAL			537,703	185,455
ADD ALTERNATE LOCATION 1				
3	NN	CARROLL	33,543	0
PAY TOTAL			33,543	
ADD ALTERNATE LOCATION 2				
5	UU	CHARITON	61,055	0
PAY TOTAL			61,055	
ADD ALTERNATE LOCATION 3				
6	C	CHARITON	31,061	0
PAY TOTAL			31,061	

SUMMARY OF QUANTITIES
SHEET 6 OF 7



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	3

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

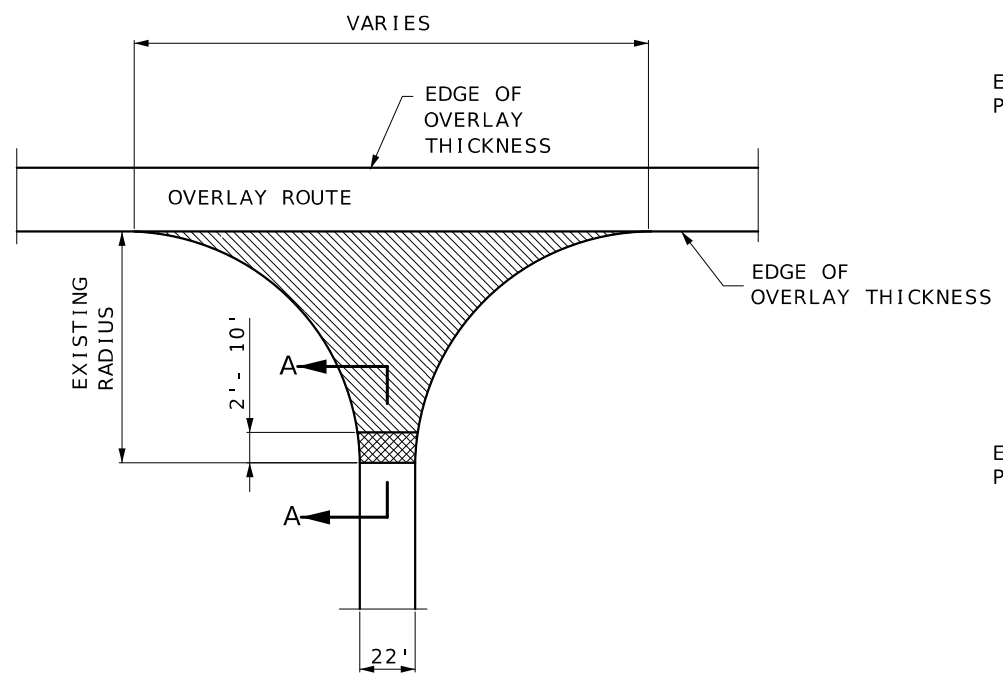
BRIDGE NO.

DATE	DESCRIPTION

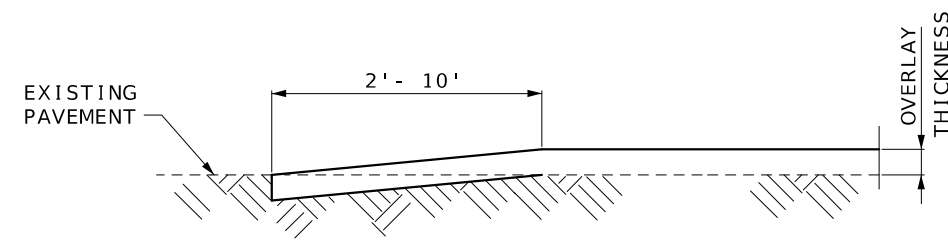
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

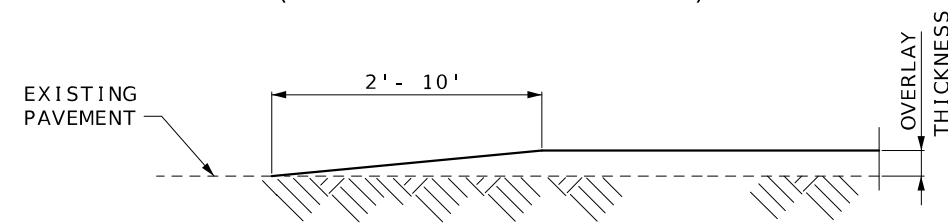
1-888-ASK-MODOT (1-888-275-6636)



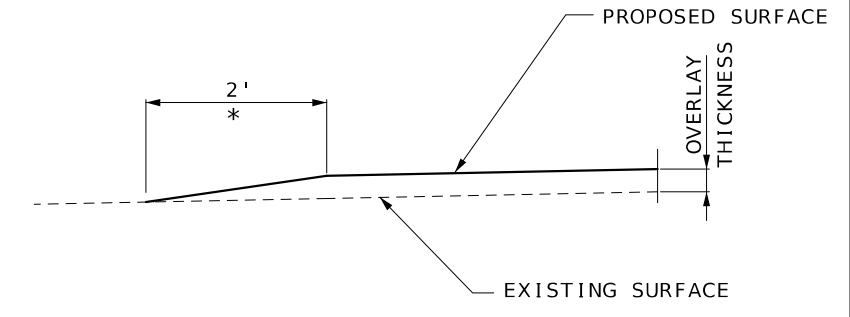
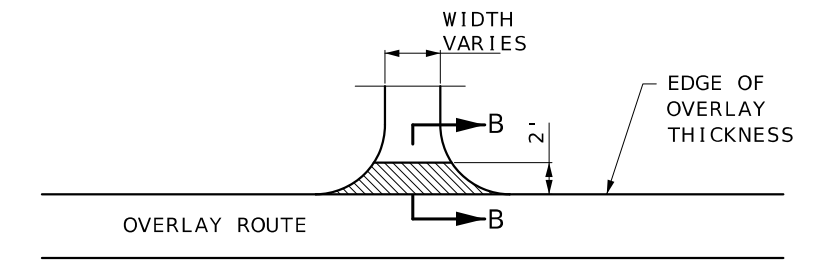
TYPICAL STATE ROUTE JUNCTION



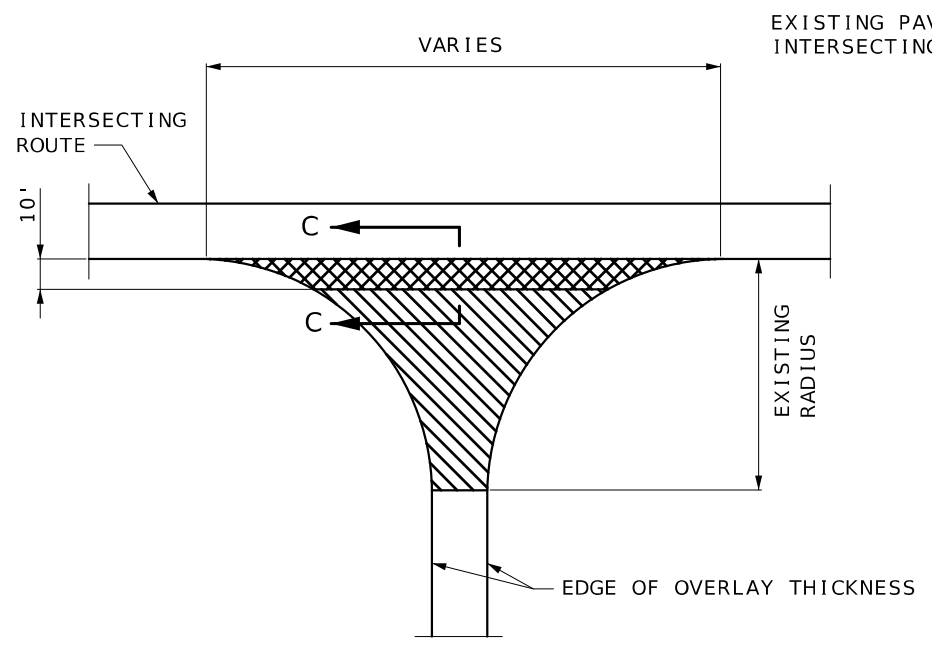
SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



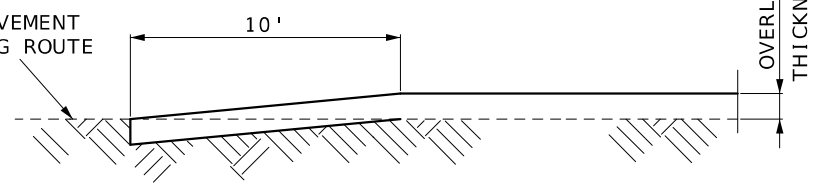
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)



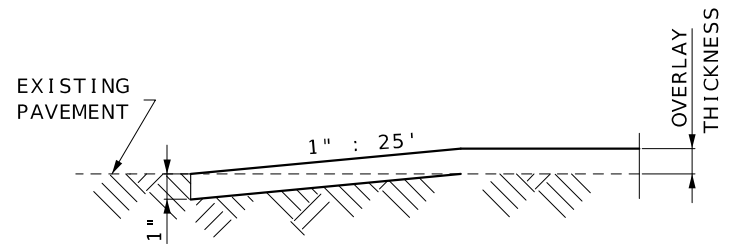
SECTION B-B
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



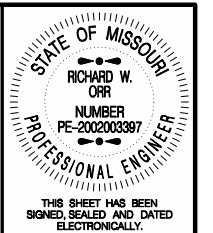
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



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



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



DATE PREPARED 8/26/2024	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 4
COUNTY VARIOUS	
JOB NO. JST0099	
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)

10' PERPENDICULAR PAST
RADIUS OF OVERLAY ROUTE

10' PERPENDICULAR PAST
RADIUS OF OVERLAY ROUTE

NON-STATE ROUTE

NON-STATE ROUTE

NON-STATE ROUTE

NON-STATE ROUTE

OVERLAY ROUTE

OVERLAY ROUTE

OVERLAY OF NON-STATE
AGGREGATE ROUTES

OVERLAY OF NON-STATE
PAVED ROUTES

10' PERPENDICULAR PAST
RADIUS OF OVERLAY ROUTE

10' PERPENDICULAR PAST
RADIUS OF OVERLAY ROUTE

GRAVEL (A) CRUSHED STONE (B)

PAVEMENT
RESURFACING

MODIFIED COLDMILL
RESURFACING

10' PERPENDICULAR PAST
RADIUS OF OVERLAY ROUTE

OVERLAY ROUTE

STATE ROUTE

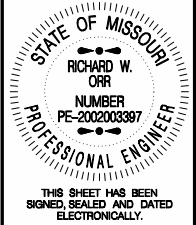
10' PERPENDICULAR BEFORE
RADIUS OF STATE ROUTE

CONNECTING ROAD

OVERLAY OF
STATE ROUTES

OVERLAY PLAN
SPECIAL SHEET 2 OF 3

NOT TO SCALE

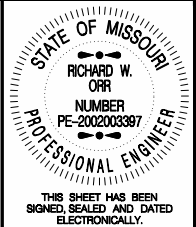


DATE PREPARED	
8/26/2024	
ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	5
COUNTY	
VARIOUS	
JOB NO.	
JST0099	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2024

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	6

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

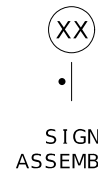
PROJECT NO.

BRIDGE NO.

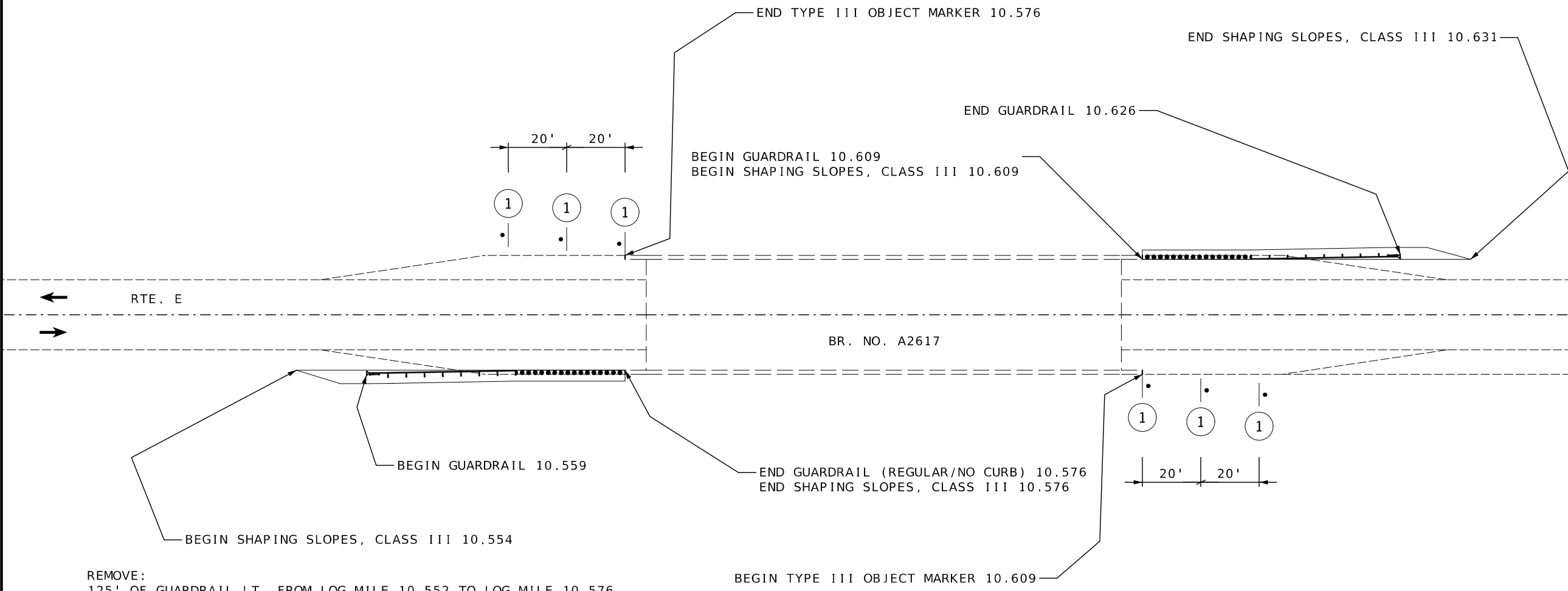
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

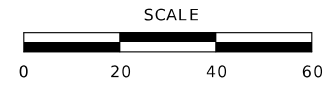


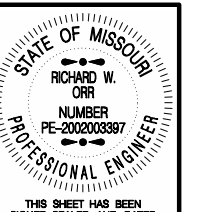
SIGN ASSEMBLY



REMOVE:
 125' OF GUARDRAIL LT. FROM LOG MILE 10.552 TO LOG MILE 10.576
 125' OF GUARDRAIL RT. FROM LOG MILE 10.552 TO LOG MILE 10.576
 125' OF GUARDRAIL LT. FROM LOG MILE 10.609 TO LOG MILE 10.633
 125' OF GUARDRAIL RT. FROM LOG MILE 10.609 TO LOG MILE 10.633

BUILD:
 FROM LOG MILE 10.554 TO LOG MILE 10.576
 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) AND, 112.6' OF SHAPING SLOPES, CLASS III
 FROM LOG MILE 10.568 TO LOG MILE 10.576
 3 TYPE III OBJECT MARKER
 FROM LOG MILE 10.609 TO LOG MILE 10.631
 1 TYPE A CRASHWORTHY END TERMINAL (MASH), 1 MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) AND, 112.5' OF SHAPING SLOPES, CLASS III
 FROM LOG MILE 10.609 TO LOG MILE 10.617
 3 TYPE III OBJECT MARKER





THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/26/2024

ROUTE	STATE
VAR.	MO

DISTRICT	SHEET NO.
NW	7

COUNTY
VARIOUS

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

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DESCRIPTION

DATE

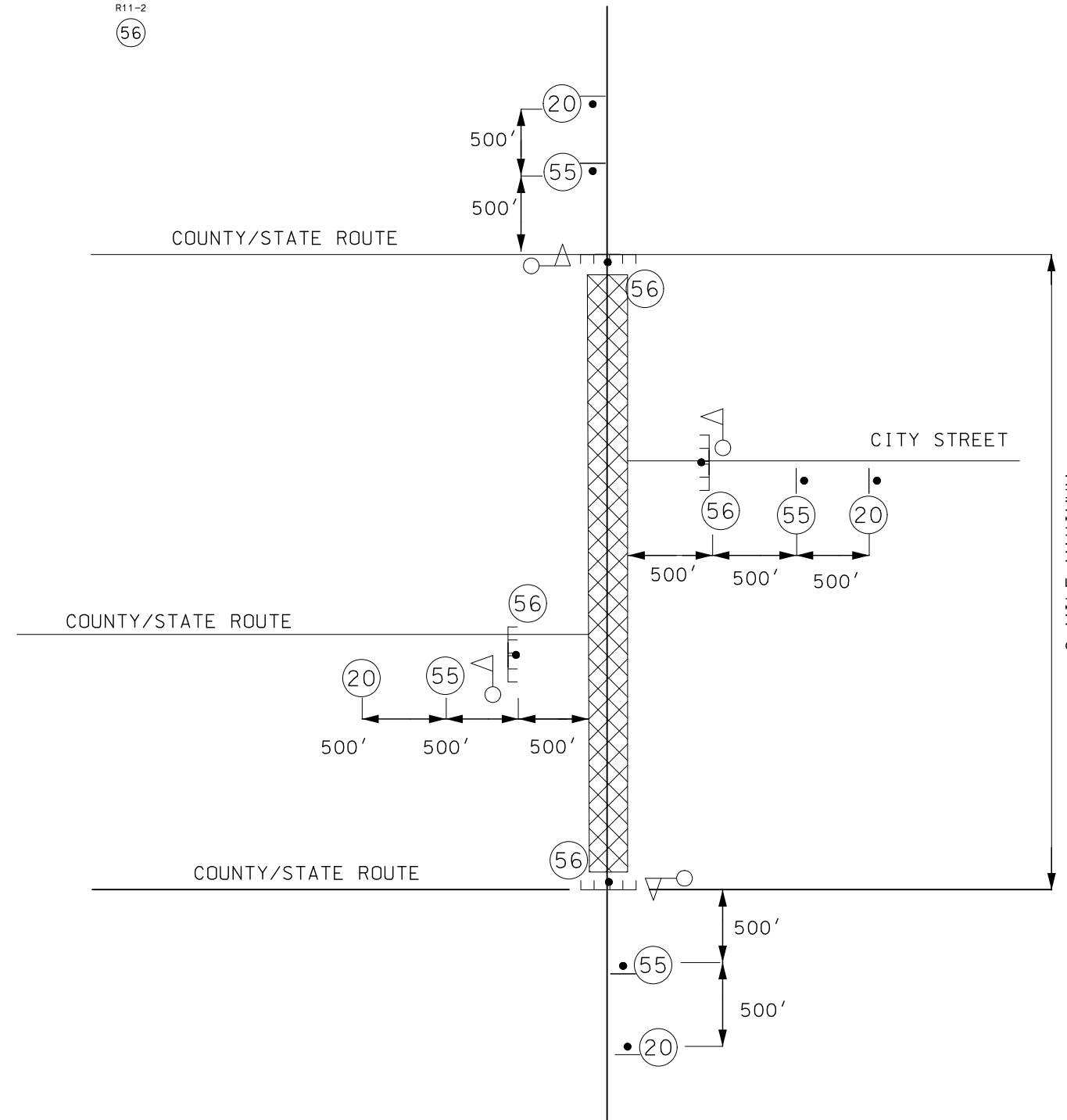
DESCRIPTION

DATE



TRAFFIC CONTROL LEGEND

- = SIGN
- ▽○ = FLAGGER
- ≡ = TYPE III BARRICADE
- ▣ = WORK AREA



NOTE: THIS SHEET IS SUPPLEMENTAL TO STANDARD PLAN 616.20

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 2

REV.

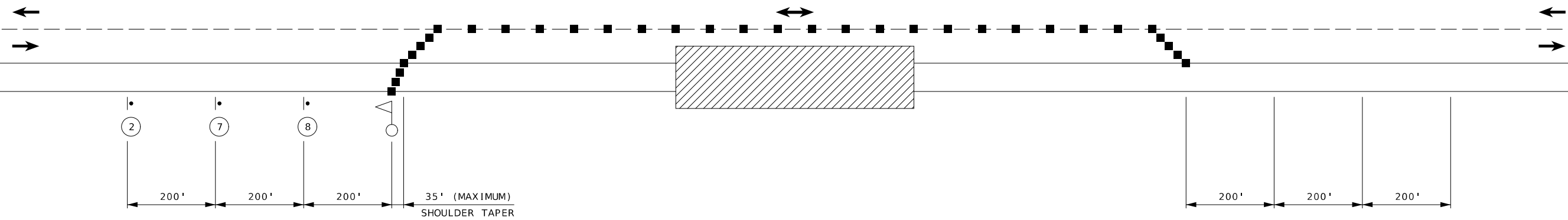
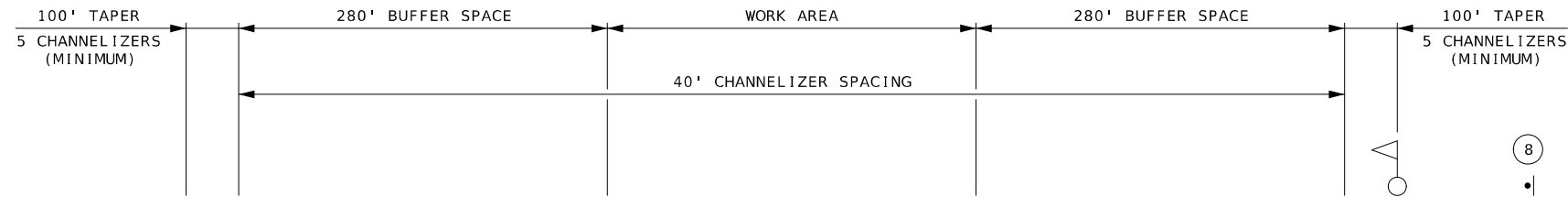
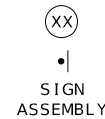
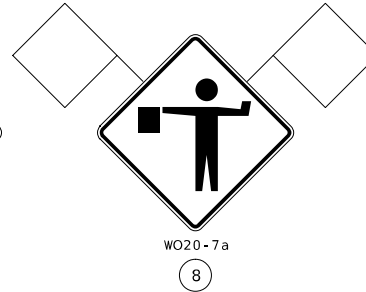
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

NOTES: THIS SHEET IS CONSIDERED SUPPLEMENTAL TO STANDARD PLAN 616.20.

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

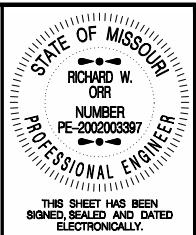
SIGN SPACING MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



NOT TO SCALE

STATIONARY LANE CLOSURE FOR GUARDRAIL REPLACEMENT
ON ROUTE E

TRAFFIC CONTROL
SHEET 2 OF 2



DATE PREPARED
8/26/2024

ROUTE STATE
VAR. MO

DISTRICT SHEET NO.
NW 8

COUNTY
CARROLL

JOB NO.
JST0099

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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REV.