DESIGN DESIGNATION MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION A.A.D.T.-2022 = 1,196 V = 55 M.P.H. PLANS FOR PROPOSED FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR STATE HIGHWAY NORTHEAST DISTRICT RANDOLPH COUNTY RANDOLPH COUNTY HUNTSVILLE BEGIN LOG MILE 56.677 Randolp LOG MILE 58.332 Springs J2S3448 SLIDE REPAIR EXCEPTION LOG MILE 58.867 LOG MILE 58.937 SEAL COAT GRADE B2 LENGTH 8.478 MILES PROJECT LIMITS _Moun LOG MILE 62.532 T 53 N 36 T 52 N END LOG MILE 65.752 Roanoke R 16 W R 15 W SCALE IN MILES

INDEX OF SHEETS

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

PE-2000 PE-2000 THIS SHEET SIGNED, SEALE						
8/17,	repared /2023					
ROUTE 3	STATE MO					
DISTRICT NE	SHEET NO.					
RAND	OLPH					
	JOB NO. 12P3411					
CONTRACT ID.						
PROJECT NO.						
BRIDG	GE NO.					

LENGTH OF PROJECT

				Ÿ
BEGINNING OF PROJECT	LOG MILE	56.677		Įχ
END OF PROJECT	LOG MILE	65.752		HIGHWAYS
				I≍
APPARENT LENGTH		9.075	MILES	ı
				<u>~</u>
				S S
				MISSOURI
EQUATIONS AND EXCEPT	TIONS:			Σ
SLIDE REPAIR EXCEPTION (2824.94	.')	-0.535	MILES	
2,021,1101, (202110)	,	0.555	,,,,,,,,,	l
BRIDGE #J0402 (150	')	-0.028	MILES	
				l
BRIDGE #J0727 (180	')	-0.034	MILES	l
				l
				l
				l
				l
				l
				l
				ĺ
				ĺ
TOTAL CORRECTIONS		-0.597	MILES	l
NET LENGTH OF PROJEC	CT CT	8.478	MILES	ı

STATE LENGTH

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

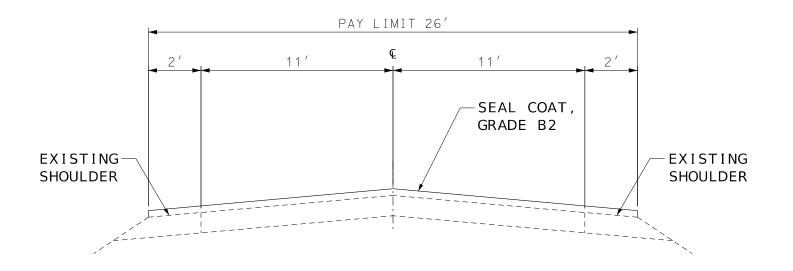


SHEET

ш

8.478 MILES

0 ACRES



TYPICAL SECTION HWY 3

LOG MILE 56.677 TO LOG MILE 58.332 * LOG MILE 58.867 TO LOG MILE 58.937 *

LOG MILE 58.965 TO LOG MILE 62.532 * LOG MILE 62.566 TO LOG MILE 65.752

LOG MILE 58.332 TO LOG MILE 58.867

* EXCEPTIONS

BR# J0402 LOG MILE 58.937 TO LOG MILE 58.965

BR# J0727 LOG MILE 62.532 TO LOG MILE 62.566

ESTIMATE FACTORS	
AGGREGATE APPLICATION RATE	17 LBS/SY
BINDER APPLICATION RATE	0.28 GAL/SY



DATE PREPARED
7/24/2023

ROUTE STATE
3 MO
DISTRICT SHEET NO.
NE 2

COUNTY
RANDOLPH

JOB NO.
J2P3411
CONTRACT ID.

PROJECT NO.

ATE DESCRIPTION

ORI HIGHWAYS AND TRANSPORTATION
COMMISSION

100 WEST CAPITOL
LIEFERSON CITY, MO 65102
LIEFERSON CITY, MO 65102

TYPICAL SECTION

	SEAL COAT QUANTITIES					
				SEAL COAT	0.28 G/SY	
			AVERAGE	AGGREGATE	EMULSIFIED ASPHALT,	
		LENGTH	WIDTH	GRADE B2	SEAL COAT	
LOG MILE	LOG MILE	MILES	FEET	SY (1.0)	GALLONS (1.0)	REMARKS
56.677	-	-	-	1080.0	302.0	TWO RADIUS AT RTE 24
56.677	58.332	1.655	26	25244.3	7068.0	
58.332	58.867	0.535	-	-	-	SLIDE REPAIR EXCEPTION
58.867	58.937	0.070	26	1067.7	299.0	
58.937	58.965	0.028	-	-	-	BRIDGE #J0402 EXCEPTION
58.965	62.532	3.567	26	54408.6	15234.0	
62.532	62.566	0.034	-	-	-	BRIDGE #J0727 EXCEPTION
62.566	65.752	3.186	26	48597.1	13607.0	
			TOTAL	130,397.7	36,510.0	
			USE	130,398	36,510	

LOG MILES	- FOR INFORMATION ONLY
CONTINUOUS	
LOG MILE	
SOUTHBOUND	DESCRIPTION
RANDOLPH COUNTY	
56.677	BEGINNING OF PROJECT
57.566	CO. RD. 2030 / 2110
58.071	CO. RD. 2130
58.574	CO. RD. 2040
58.937	BEGIN BRIDGE J0402 SWEET SPRINGS CREEK
60.510	RTE. BB E.
60.673	RTE. U E.
62.074	CO. RD. 2075
62.532	BEGIN BRIDGE J0727 SILVER CREEK
64.711	CO. RD. 2405
65.709	CO. RD. 2070
65.752	END OF PROJECT

MOB I L	IZATION
I UMP	SUM 1

PAVEMENT MARKING						
		STANDARD W				
		MARKING PAINT				
		TYPE P				
		4" WHITE	4" YELLOW	1		
LOG MILE	LOG MILE	FEET	FEET	DEMARKS		
	LOG MILE	. == .	FEET	REMARKS		
56.684		300	-	PAINTED ISLAND AND LANE LINE AT RTE. 24		
56.677	56.708	327	327	DOUBLE YELLOW		
56.708	56.805	1,024	128	INTERMITTENT		
56.805	57.010	2,165	1,353	INTERMITTENT LT SOLID RT.		
57.010	57.246	2,492	2,492	DOUBLE YELLOW		
57.246	57.318	760	475	SOLID LT - INTERMITTENT RT.		
57.318	57.421	1,088	1,088	DOUBLE YELLOW		
57.421	57.507	908	568	INTERMITTENT LT SOLID RT.		
57.507	58.332	8,712	8,712	DOUBLE YELLOW		
58.332	58.867	-	-	PAVEMENT MARKING EXCEPTION		
58.867	59.987	11,827	7,392	INTERMITTENT LT SOLID RT.		
59.987	59.321	-7,033	-7,033	DOUBLE YELLOW		
59.321	59.499	1,880	1,175	SOLID LT INTERMITTENT RT.		
59.499	59.788	3,052	381	INTERMITTENT		
59.788	59.980	2,028	1,267	INTERMITTENT LT SOLID RT.		
59.980	60.024	465	465	DOUBLE YELLOW		
60.024	60.129	1,109	693	SOLID LT INTERMITTENT RT.		
60.129	60.399	2,851	1,782	INTERMITTENT LT SOLID RT.		
60.399	60.543	1,521	1,521	DOUBLE YELLOW		
60.543	60.626	876	548	SOLID LT INTERMITTENT RT.		
60.626	60.697	750	750	DOUBLE YELLOW		
60.697	60.784	919	574	INTERMITTENT LT SOLID RT.		
60.784	60.886	1,077	1,077	DOUBLE YELLOW		
60.886	61.020	1,415	884	SOLID LT INTERMITTENT RT.		
61.020	61.200	1,901	1,188	INTERMITTENT LT SOLID RT.		
61.200	61.489	3,052	3,052	DOUBLE YELLOW		
61.489	61.565	803	502	SOLID LT INTERMITTENT RT.		
61.565	61.881	3,337	3,337	DOUBLE YELLOW		
61.881	62.050	1,785	1,115	SOLID LT INTERMITTENT RT.		
62.050	62.482	4,562	570	INTERMITTENT		
62.482	62.670	1,985	1,241	INTERMITTENT LT SOLID RT.		
62.670	63.396	7,667	7,667	DOUBLE YELLOW		
63.396	63.455	623	389	INTERMITTENT LT SOLID RT.		
63.455	63.770	3,326	3,326	DOUBLE YELLOW		
63.770	63.887	1,236	772	SOLID LT INTERMITTENT RT.		
63.887	63.961	781	781	DOUBLE YELLOW		
63.961	64.064	1,088	680	INTERMITTENT LT SOLID RT.		
64.064	64.941	9,261	9,261	DOUBLE YELLOW		
64.941	65.124	1,932	1,208	SOLID LT INTERMITTENT RT.		
65.124	65.462	3,569	446	INTERMITTENT		
65.462	65.604	1,500	937	INTERMITTENT LT SOLID RT.		
65.604	65.752	1,563	1,563	DOUBLE YELLOW		
	TOTAL	90,484	64,654	NOTE: STRIPING LOGS ARE APPROXIMATE.		
			•	VERIFY AND MARK IN FIELD BEFORE SEAL COAT.		
				THE PROPERTY OF THE STATE STAT		



DATE PREPARED
7/24/2023
ROUTE STATE
3 MO
DISTRICT SHEET NO.
NE 3 COUNTY RANDOLPH JOB NO. J2P3411 CONTRACT ID. PROJECT NO.

SUMMARY OF QUANTITIES SHEET 1 OF 2

	CONSTRUCTION SIGNS						
					TOTAL		
SIGN	SIGN	SIZE	AREA	QUANT I TY	AREA	DESCRIPTION	
NO.		INCHES	(SO.FT.)		(SO.FT.)		
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 9 MILES	
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD	
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD	
8	W020-4	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS	
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK	
35	W08-12	48 X 48	16.00	12	192.00	NO CENTER LINE	
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME	
56	CONST - 7 - 48	48 X 24	8.00	2	16.00	RATE OUR WORK ZONE	
57	W08-7a	48 X 48	16.00	18	288.00	FRESH OIL/LOOSE GRAVEL	
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE	
60	SPECIAL	18 X 12	1.50	46	-	PILOT CAR IN USE WAIT & FOLLOW (DRIVEWAYS)	
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)	
SIDE ROA	D PACKAGE	- NON - S	STATE ROU	TE - 7 TO	TAL		
2	W020-1	48 X 48	16.00	7	112.00	ROAD WORK AHEAD	
8	W020-7a	48 X 48	16.00	7	112.00	FLAGGER (SYMBOL) WITH FLAGS	
11	W03-4	48 X 48	16.00	7	112.00	BE PREPARED TO STOP	
58	GO20-4a	18 X 12	1.50	7	10.50	PILOT CAR IN USE WAIT & FOLLOW	
SIDE ROA	D PACKAGE	- STATE	ROUTE -	5 TOTAL			
2	W020-1	48 X 48	16.00	5	80.00	ROAD WORK AHEAD	
8	W020-7a	48 X 48	16.00	5	80.00	FLAGGER (SYMBOL) WITH FLAGS	
11	W03-4	48 X 48	16.00	5	80.00	BE PREPARED TO STOP	
58	G020-4a	42 X 30	8.75	5	43.75	PILOT CAR IN USE WAIT & FOLLOW	
				TOTAL	1433		

FOR INFORMATIONAL PURPOSES ONLY. SEE LUMP SUM PAY ITEM.

* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 6 AND AS DIRECTED BY ENGINEER.

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

ITEM NO.	QTY.	DESCRIPTION
-	100	CHANNELIZERS (TRIM-LINE) (INCLUDED IN LUMP SUM)
612-30.00A	2 **	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
616-10.98A	2 **	CHANGEABLE MESSAGE SIGN W/OUT COMM. INT.
		CONTRACTOR FURNISHED AND CONTR. RETAINED

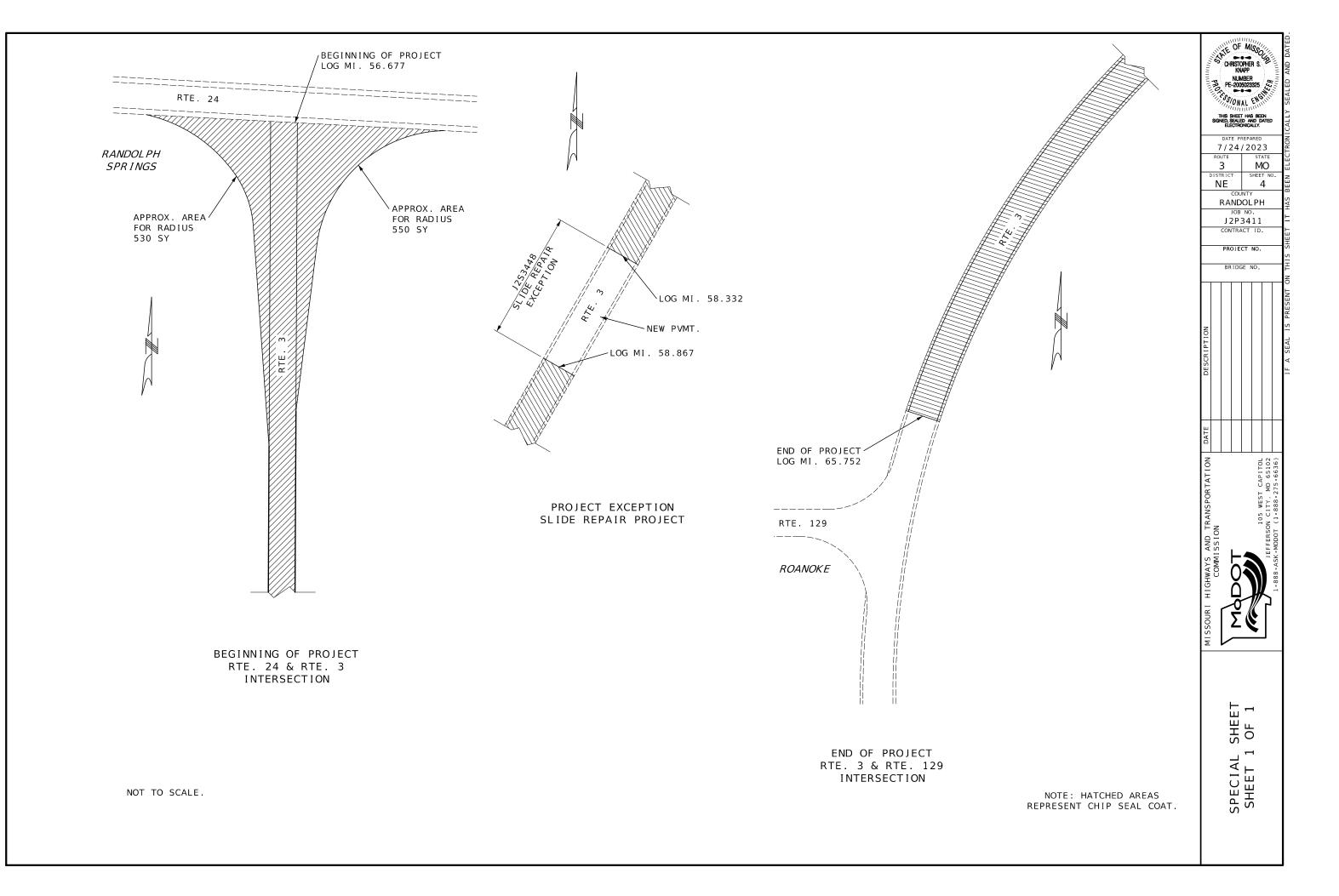
** NOT INCLUDED IN MISC, TEMPORARY TRAFFIC CONTROL - LUMP SUM QUANTITY

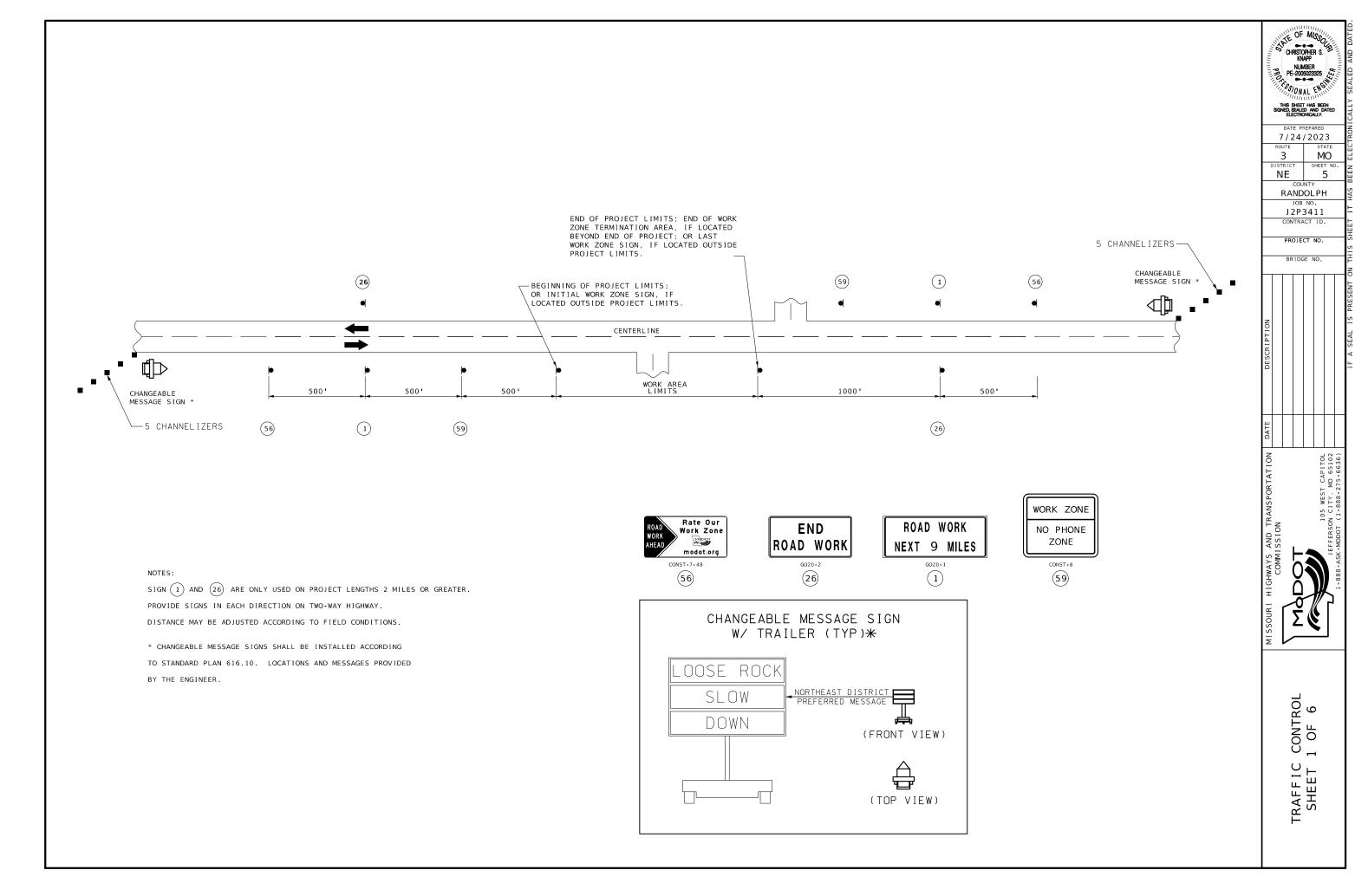
TEMPORARY TRAFFIC CONTROL

LUMP SUM 1



SUMMARY OF QUANTITIES SHEET 2 OF 2





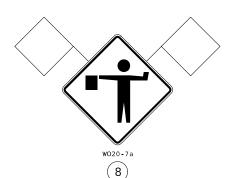


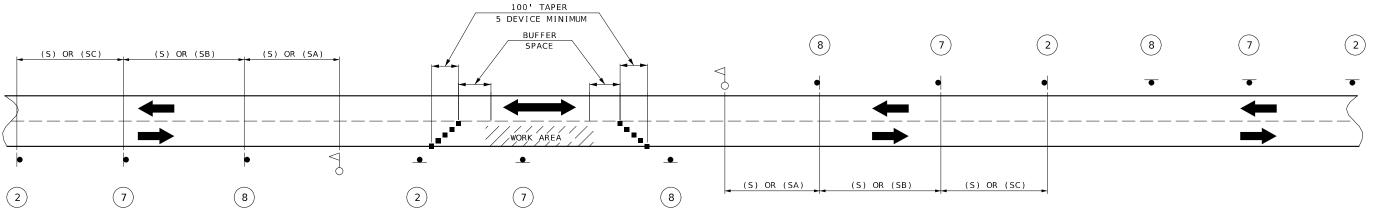
G020-4

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









SET 1 SET 2 SET 3 SET 4

ACTIVE INACTIVE ACTIVE INACTIVE

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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

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

- CHANNELIZERS

- FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

SPEED		CING (FT.) 1)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

NO.	res	

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED	BUFFER SPACE		
SPEED LIMIT	LENGTH		
(MPH)	(FT)		
0 - 35	280		
40 - 45	400		
50 - 55	560		
60 - 70	840		

OF MISSONER S. CHRISTOPHER S. CHRIST

2220	A TOPACE II.	ľC		
DATE P	REPARED	z		
7/24	/2023	TRO		
ROUTE	STATE			
3	MO	E		
ISTRICT	SHEET NO.	z		
NE 6				
COU	NTY	В		
RAND	OLPH	HAS		
LOB	NO	_		

JOB NO.
J 2 P 3 4 1 1
CONTRACT ID.

PROJECT NO.

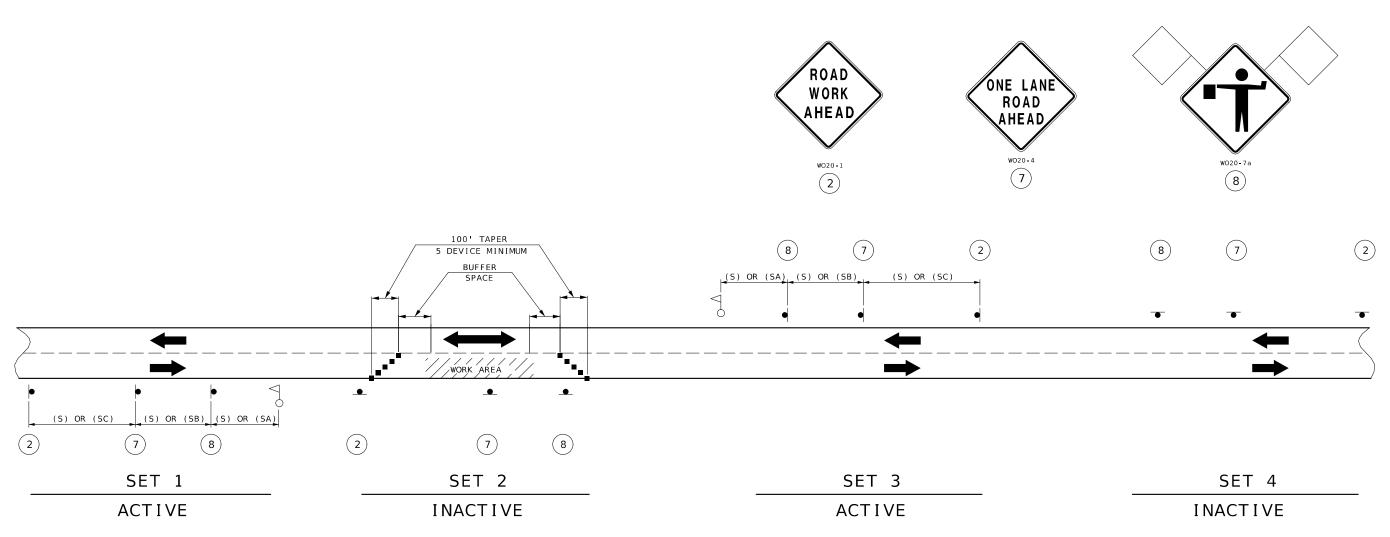


OURI HIGHWAYS AND TRANSPORTATION
COMMISSION
TO DO T

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

TRAFFIC CONTROL SHEET 2 OF 6

SEAL COAT APPLICATION



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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

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

- CHANNELIZERS

- FLAGGER

NOTES

DAYLIGHT FLAGGING OPERATIONS ONLY.

SPEED		CING (FT.) 1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	
0-35	200	200	
40-45	350	500	
50-55	500	1000	
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640	

NOTES:

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

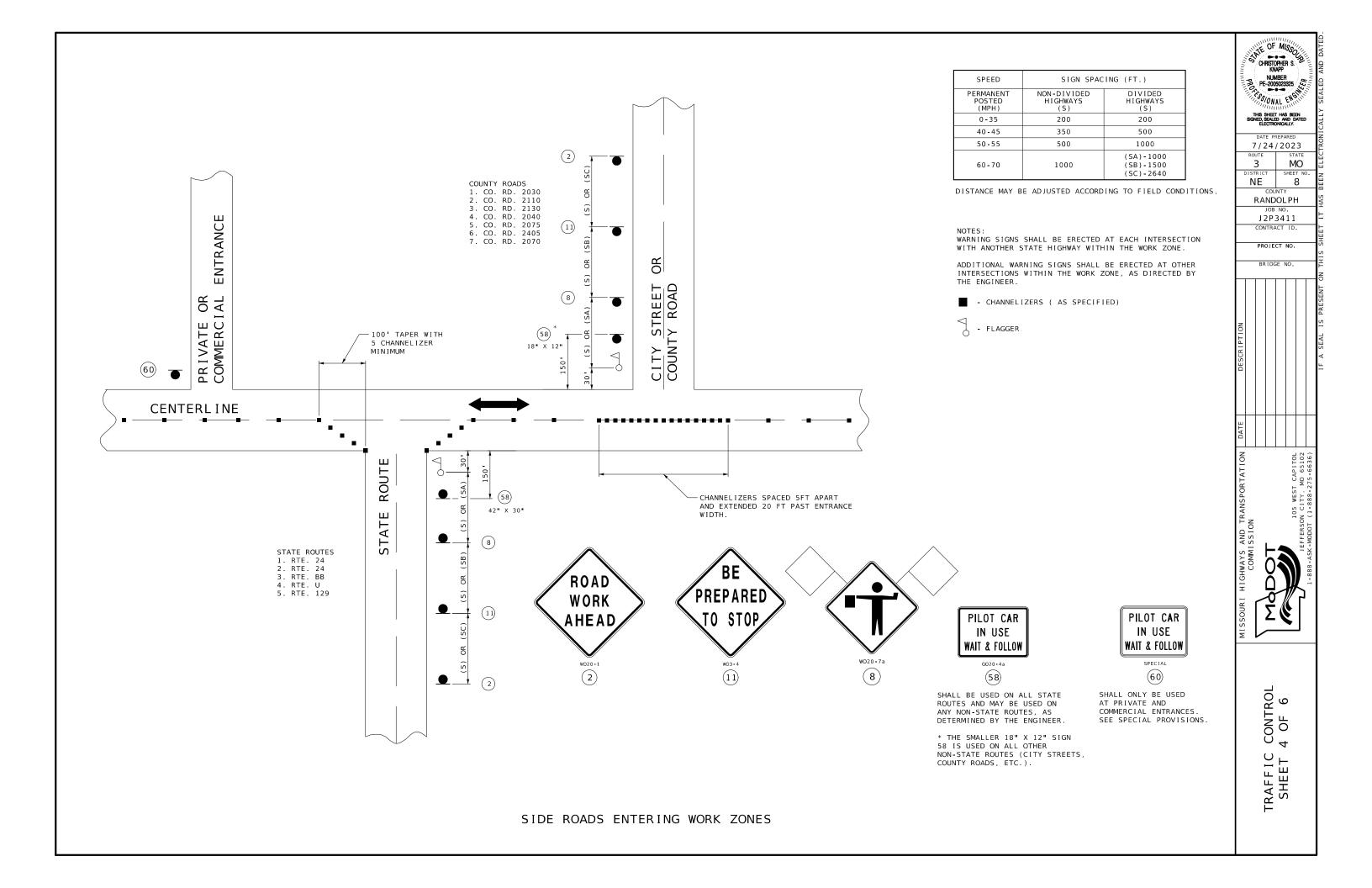
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

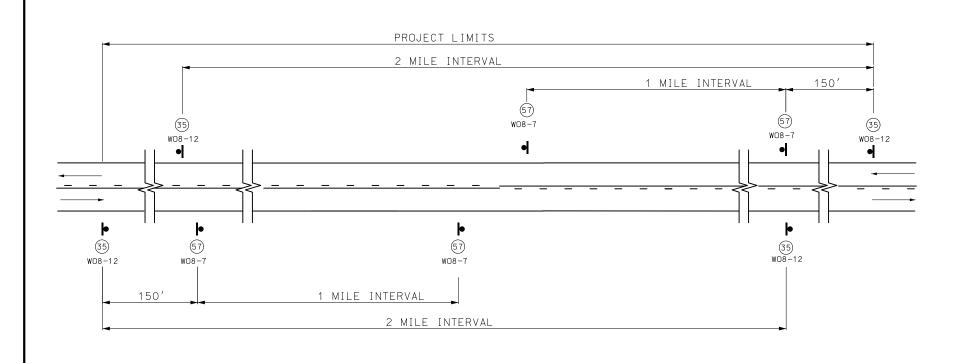
PERMANENT POSTED	BUFFER SPACE		
SPEED LIMIT	LENGTH		
(MPH)	(FT)		
0 - 35	280		
40 - 45	400		
50 - 55	560		
60 - 70	840		

PE-2000ULL THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. 7/24/2023 3 MO SHEET NO NE 7 RANDOLPH J2P3411 CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 3 OF 6

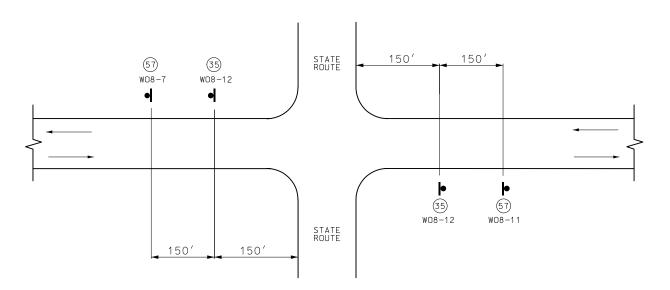
ADDITIONAL SWEEPING











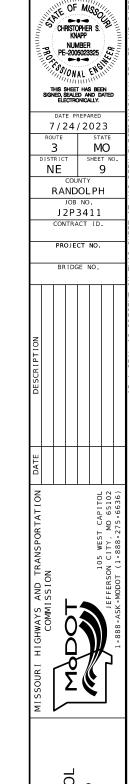
DURATION OF PROJECT SIGNING

NOTES:

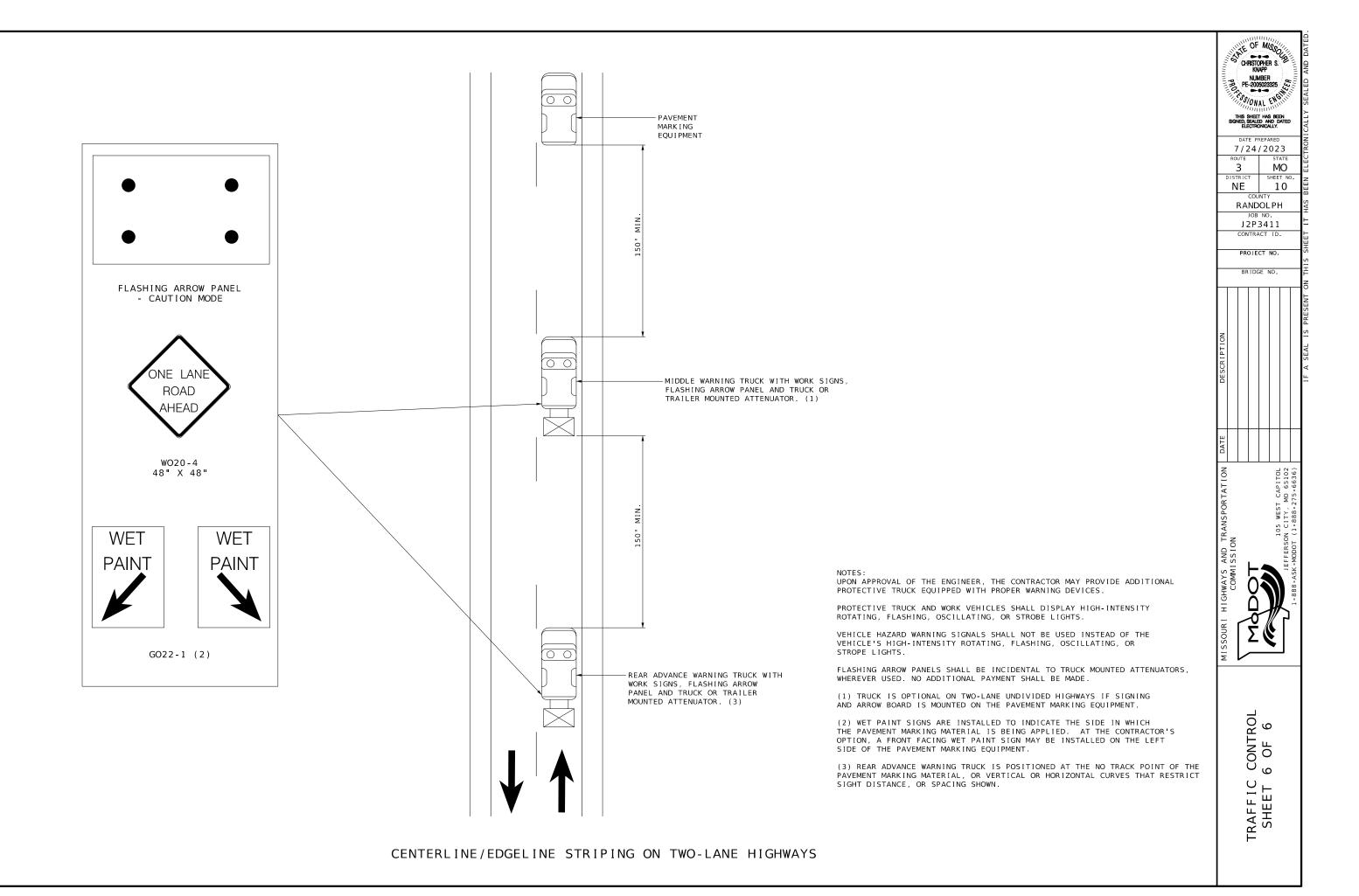
SIGN (35) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

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

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



TRAFFIC CONTROL SHEET 5 OF 6



DESIGN DESIGNATION

ADAIR COUNTY A.A.D.T. 2024 = 850

MACON COUNTY

A.A.D.T. 2024 = 400

RANDOLPH COUNTY

A.A.D.T. 2024 = 470

V = 55 M.P.H.

NORTHEAST DISTRICT ADAIR/MACON/ RANDOLPH COUNTIES

KEY MAP

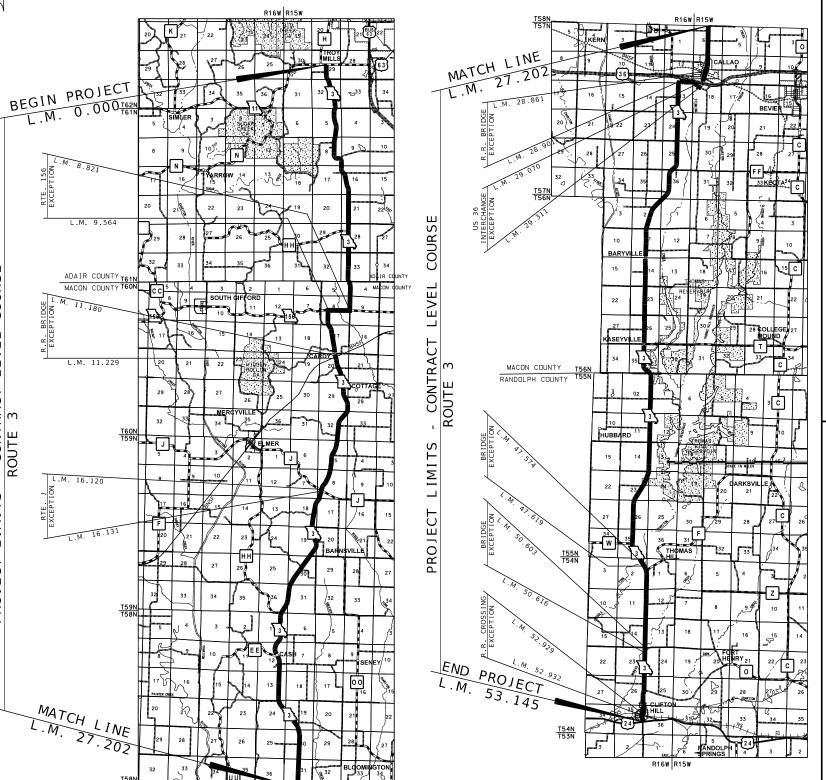
FUNTIONAL CLASSIFICATION = MAJOR COLLECTOR

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

ADAIR/MACON/RANDOLPH COUNTIES



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4 - 8
TRAFFIC CONTROL SHEETS (TC)	9-14

CHRISTOPHER S. CHRISTOPHER S. KNAPP NUMBER PE-200623325 THIS SHEET HAS BEEN SIGNED, SALED AND LATED ELECTRONICALLY.							
DATE PF	REPARED / 2023						
ROUTE	STATE						
3	MO						
DISTRICT	SHEET NO.						
NE	1						
AIR/MACO	NTY N/RANDOLPH						
J2S3	NO. 3410						
CONTRA	CT ID.						
PROJECT NO.							
BRIDGE NO.							

LENGTH OF PROJECT

BEGINNING OF PROJECT LOG MILE 0.000

END OF PROJECT	LOG MILE	53.145		l
APPARENT LENGTH		53.145	MILES	
EQUATIONS AND EXCER	PTIONS:			
RTE.156		0.743	MILES	l
MARCELINE SUB. R.R.	. BR I DGE	0.049	MILES	L
RTE. J		0.011	MILES	l
BROOKFIELD SUB. R.F	R. BRIDGE	0.040	MILES	l
US 36 INTERCHANGE		0.241	MILES	ı
MID.FK.LITTLE CHAR.	. RVR. BRIDGE	0.045	MILES	l
MUNCAS CREEK BRIDGE		0.013	MILES	l
N&S R.R. CROSSING		0.003	MILES	l
				l
				l
				l
				l
				l



-1.145 MILES

52.000 MILES

52.000 MILES

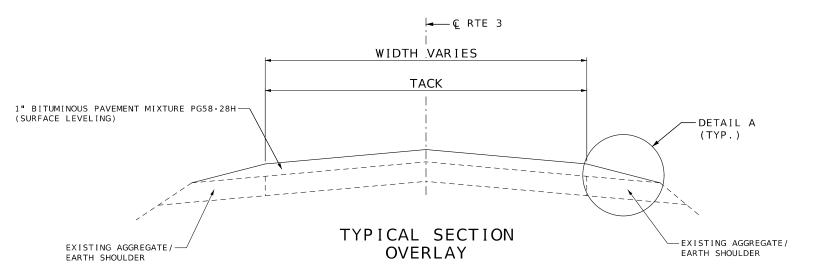
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES 0.0 ACRES

TOTAL CORRECTIONS

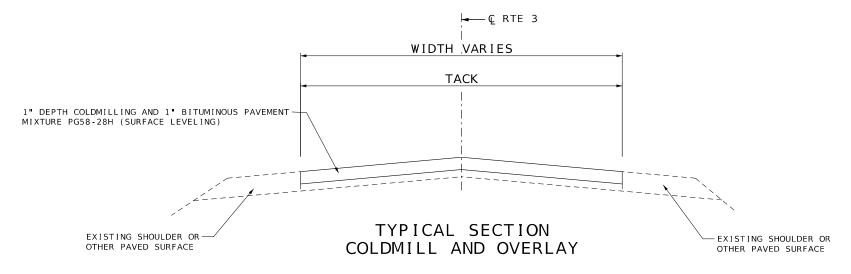
STATE LENGTH

NET LENGTH OF PROJECT

SCALE IN MILES



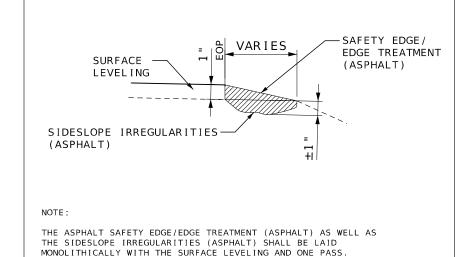
L.M. 0.00 TO L.M. 15.988 L.M. 16.262 TO L.M. 28.559 L.M. 28.961 TO L.M. 52.611 L.M. 52.929 TO L.M. 53.145



L.M. 15.988 TO L.M. 16.262 (RTE.J) L.M. 28.559 TO L.M. 28.861 (CALLAO) L.M. 52.611 TO L.M. 52.929 (CLIFTON HILL)

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

ESTIMATE FACTORS PROVIDED FOR INFORMATION PURPOSES ONLY BITUMINOUS PAVEMENT MIXTURE PG 58-28H(SURFACE LEVELING) = 1.948 TON/CY TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY TACK COAT (COLDMILLED SURFACE) = 0.10 GAL/SY



DETAIL A

8/24/2023 3 MO NE 2 DAIR/MACON/RANDOLI J2S3410 CONTRACT ID. PROJECT NO. BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
THE DOT
105 WEST CAPITOL
HEFERSON CITY, NO 65102

TYPICAL SECTION SHEET 1 OF 1

				T	ASPHALT AND TA	CK	
					BITUMINOUS PAVEMENT		
			AVG.	AVG.	MIXTURE PG58-28H		
		LENGTH	WIDTH	THICKNESS	SURFACE LEVELING	TACK	
OG MILE	LOG MILE	(FEET)	(FEET)	(INCHES)	(TONS)	(GALLONS)	REMARKS
0.000	6.046	31922.88	20	1.00	3838.63	5675.18	TRAVELWAY LANES
6.046	7.802	9271.68	20	1.00	1114.89	1648.30	TRAVELWAY LANES - ADAIR/MACON LINE
7.802	8.821	5380.32	20	1.00	646.97	956.50	TRAVELWAY LANES
8.821	9.564	-	-	-	-	-	RTE 156 EXCEPTION
9.564	11.180	8532.48	22	1.00	1128.60	1668.57	TRAVELWAY LANES
11.180	11.229	-	-	-	-	-	RR BRIDGE MARCELINE SUB.
11.229	11.420	1008.48	22	1.00	133.39	197.21	TRAVELWAY LANES
11.420	15.988	24119.04	20	1.00	2900.24	4287.83	TRAVELWAY LANES
15.988	16.120	696.96	23.5	1.00	98.47	181.98	TRAVELWAY LANES-MILL AND FILL
16.120	16.141	-	-	-	-	-	RTE J
16.141	16.262	638.88	23.5	1.00	90.27	166.82	TRAVELWAY LANES-MILL AND FILL
16.262	28.559	64928.16	20	1.00	7807.41	11542.78	TRAVELWAY LANES
28.559	28.861	1594.56	21	1.00	201.33	372.06	TRAVELWAY LANES-MILL AND FILL IN CALLAO
28.861	28.901	-	-	-	-	-	RR BRIDGE BROOKFIELD SUB.
28.901	29.020	628.32	20	1.00	75.55	111.70	TRAVELWAY LANES
29.020	29.070	264.00	24	1.00	38.09	56.32	TRAVELWAY LANES
29.070	29.311	-	-	-	-	-	US 36 CONCRETE EXCEPTION
29.311	39.641	54542.40	24	1.00	7870.27	11635.71	TRAVELWAY LANES
39.641	40.799	6114.24	22	1.00	808.74	1195.67	TRAVELWAY LANES - MACON/RANDOLPH LINE
40.799	47.574	35772.00	22	1.00	4731.62	6995.41	TRAVELWAY LANES
47.574	47.619	-	-	-	-	-	BRIDGE MID. FRK. LITTLE CHARITION RVR.
47.619	48.060	2328.48	22	1.00	307.99	455.35	TRAVELWAY LANES
48.060	50.374	12217.92	20	1.00	1469.17	2172.07	TRAVELWAY LANES
50.374	50.603	1209.12	22	1.00	159.93	236.45	TRAVELWAY LANES
50.603	50.616	-	-	-	-	-	BRIDGE MUNCAS CREEK
50.616	52.442	9641.28	22	1.00	1275.27	1885.41	TRAVELWAY LANES
52.442	52.929	2571.36	20	1.00	309.20	571.41	TRAVELWAY LANES
52.929	52.932	-	-	-	-	-	N&S RR CROSSING
52.932	53.145	1124.64	20	1.00	135.23	199.94	TRAVELWAY LANES
					35141.26	52212.67	SUBTOTAL
0.000	53.145	-	2	2.50	8055.12	-	SAFETY EDGE/EDGE TREATMENT *
0.000	53.145	-	VAR.	VAR.	7667.40	-	150 TONS/MILE - TRAVELWAY IRREGULARITIES *
VAR.	VAR.	VAR.	VAR.	VAR.	-	0.00	SUBTOTAL-ADDITIONAL TACK FOR MILL AND FILL ARE
VAR.	VAR.	VAR.	VAR.	VAR.	-	226.53	SUBTOTAL-ADDITIONAL TACK FOR DEPTH TRANSITION:
VAR.	VAR.	VAR .	VAR.	VAR.	143.30	264.81	SUBTOTAL-PAVED APPROACHES
			TOTAL		51007.08	52704.01	
			USE		51008	52705	
)TF * -	OUANTITY DEC	DUCTED FOR C	OLDMILLE	SECTIONS			l

	FULL DEPTH COLDMLLING LESS THAN 3 INCHES										
			AVGE.								
	LENGTH WIDTH		WIDTH	COLDMILLING	TACK						
LOG MILE	LOG MILE	(FEET)	(FEET)	(SY)	(GALLONS)	REMARKS					
15.988	16.121	702.24	23.5	1833.63	36.67	MILL AND FILL AROUND CONCRETE RUMBLE STRIPS NORTH OF J					
16.141	16.262	638.88	23.5	1668.19	33.36	MILL AND FILL AROUND CONCRETE RUMBLE STRIPS SOUTH OF J					
28.559	28.861	1594.56	21	3720.64	74.41	CALLAO-CLARENCE ST. TO RR BRIDGE					
52.611	52.929	1679.04	22	4104.32	82.09	CLIFTON HILL-FIRESTATION ENTRANCE TO RAILROAD CROSSING					
-				-	226.53	TACK SUBTOTAL *					
	TOTAL 113		11326.78								
			USE	11327							

* - SEE ASPAHLT AND TACK QUANTITY BOX FOR TOTAL.

	GRAVEL A CRUSHED STONE B										
	AVGE . AVGE .										
		LENGTH	WIDTH	THICKNESS	QUANTITY						
LOG MILE	LOG MILE LOG MILE (FEET) (FEET) (INCH) (TONS) REMARKS										
0.000	53.145	VAR.	VAR.	1.5	360	LESS THAN 40' WIDE - 2.0 TONS/ENTRANCE - 180 ENTRANCES					
0.000	53.145	VAR.	VAR.	1.5	400	GREATER THAN 40' WIDE - 4.0 TONS/ENTRANCE - 100 ENTRANCES/ROADS					
0.000	53.145	VAR.	VAR.	1.5	338	ADDITIONAL QUANTITY FOR VARIOUS MAIL BOX TURNOUTS					
	TOTAL 1,098										
NOTE: ADJU	JST QUANTITY	/ TO MATC	H FIELD (CONDITIONS AS	DIRECTED B	Y THE ENGINEER.					

	STATE/COUNTY ROUTE JUNCTIONS AND PAVED ENTRANCE APPROACHES											
		SURFACE LEVELING	TACK COAT	MODIFIED								
LOCATION	AREA	1.948 TONS/CY	0.10 GAL/SQ.YD.	COLDMILLING								
LOG MILE	(SF)	(TONS)	(GAL)	(S.Y.)	REMARKS							
0.000	3330	20.0	37	-	ADAIR RTE. 11 RADIUS AREAS							
2.939	400	-	-	44.44	PRIVATE CONC. ENTR. RT							
6.040	2915	17.5	32.39	-	ADAIR RTE HH - RADIUS AREAS							
8.814	220	1.3	2.44	-	MACON RTE 156 NORTH - DEPTH TRANS.							
9.563	220	1.3	2.44	-	MACON RTE 156 SOUTH - DEPTH TRANS							
20.843	320	1.9	3.56	-	MACON RTE HH - APPROACH							
22.369	610	3.7	6.78	-	MACON RTE EE - APPROACH							
29.020	944	5 . 7	10.49	104.89	OLD HIGHWAY APPROACHES AT 36 LT/RT							
29.379	531	3.2	5.90	59.00	OLD HIGHWAY SOUTH OF INTERCHANGE LT.							
39.692	4175	25.1	46.39	-	MACON RTE T - RADIUS AREAS							
46.673	330	2.0	3.67	36.67	OLD MINE ENTR. LT							
46.817	4088	24.6	45.42	-	RANDOLPH RTE W RADIUS AREAS							
47.879	4870	29.3	54.11	-	RANDOLPH RTE F RADIUS AREAS							
52.475	70	0 . 4	0.78	7.78	PRIVATE ENTR. RT							
52.946	550	3.3	6.11	61.11	MORGAN ST. LT/RT							
53.005	550	3.3	6.11	61.11	CLINTON/MCLEAN ST RT							
53.047	110	0.7	1.22	12.22	CAR DEALER ENTR. RT							
	SUBTOTAL		264.81	387.22	SUBTOTALS *							
* - SEE SEE	ASPHALT	AND TACK, AND MODIFIE	D COLDMILLING QUANTIT	IES FOR TOTALS.								

7/19/2023 ROUTE 3 MO DISTRICT SHEET NO. COUNTY ADA I R / MACON / RANDOL F JOB NO.
J2S3410
CONTRACT ID. PROJECT NO.

QUANTITIES SHEET 1 OF 3

	GUARDRA I L										
LOG MILE	LOG MILE	LOCATION	MGS	MASH TYPE A	MGS BLOCK AND HEIGHT	SHAPING SLOPES	DESCRIPTION				
			GUARDRAIL	CRASHWORTHY END TERMINAL	TRANSITION SECTION	CLASS III					
			L.F.	EACH	EACH	100 FT					
11.153	11.242	LT/RT	25	4	4	3	MARCELINE SUB RR BRIDGE				
35.217	35.356	LT/RT	-	4	4	3	NORTH OF FLEETWOD ST				
35.725	35.846	LT/RT	-	4	4	3	SOUTH OF FLEETWOD ST				
47.56	47.633	LT/RT	25	4	4	3	MIDDLE FORK BRIDGE				
50.589	50.63	LT/RT	-	4	4	3	MUNCAS CR BRIDGE				
	TOTAL 50 20 20 15										
NOTE: SHAP	ING SLOPES	CLASS III FO	OR GRADING BE	HIND GUARDRAIL, SEE SPECIAL SHEET	FOR DETAILS.						

	PAVEMENT MARKING										
		PREFORMED THERMOPLAS	TIC		STANDARD WATERBORNE	PAVEMENT					
		PAVEMENT MARKING			MARKING PAINT, TYP	PE P BEADS					
		R.R. CROSSING SYMBOL	STOP BAR	CROSSWALK	4" YELLOW	4" WHITE					
LOG MILE	LOG MILE	EACH	L.F.	EACH	L.F.	L.F.	DESCRIPTION				
0.000	53.145	-	•	-	-	493986.24	CENTERLINE MARKINGS				
0.000	53.145	-	•	-	405510.60	-	EDGELINE MARKINGS				
VAR.	VAR.	-	-	15	-	-	CLIFTON HILL CROSSWALKS				
VAR.	VAR.	-	36.00	-	-	-	CLIFTON HILL STOP BARS AT RR CROSSING				
VAR.	VAR.	2	-	-	-	-	CLIFTON HILL RR CROSSING				
	TOTAL	2	36.00	15	405510.60	493986.24					
	USE	2	36.00	15	405511.00	493987.00					

MOB	ILIZ	ATION	
1	LUMP	SUM	

TRAFFIC CONTROL									
ITEM NO.	UNIT	DESCRIPTION							
616-99.01	1 LUMP SUM	MISC. LUMP SUM TEMPORARY TRAFFIC CONTRO	ΣL						

	MODIFIED COLDMILLING (DEPTH TRANSITIONS)									
	MODIFIED									
LOCATION	LENGTH	WIDTH	COLDMILLING	TACK						
LOG MILE	(FEET)	(FEET)	(SY)	(GALLONS)	REMARKS					
0.000	10	150	166.67	3.33	BEGIN PROJECT DEPTH TRANSITION AT RTE 11					
6.047	10	22	24.44	0.49	DEPTH TRANSITION AT ADAIR RTE HH					
8.814	10	22	24.44	0.49	DEPTH TRANSITION AT MACON RTE 156					
9.563	10	22	24.44	0.49	DEPTH TRANSITION AT MACON RTE 156					
11.206	50	22	122.22	2.44	DEPTH TRANSITION MARCELINE SUB RR					
11.206	50	22	122.22	2.44	DEPTH TRANSITION MARCELINE SUB RR					
15.988	50	21	116.67	2.33	DEPTH TRANSITION AT MACON RTE J					
16.262	50	21	116.67	2.33	DEPTH TRANSITION AT MACON RTE J					
20.843	10	29	32.22	0.64	DEPTH TRANSITION AT MACON RTE HH					
22.369	10	24	26.67	0.53	DEPTH TRANSITION AT MACON RTE EE					
28.878	50	20	111.11	2.22	DEPTH TRANSITION BROOKFIELD SUB RR SOUTH SIDE					
29.056	50	25	138.89	2.78	DEPTH TRANSITION AT US36 NORTH END CONCRETE HEADER					
29.311	50	25	138.89	2.78	DEPTH TRANSITION AT US36 SOUTH END CONCRETE HEADER					
39.692	10	20	22.22	0.44	DEPTH TRANSITION AT MACON RTE T					
46.817	10	23	25.56	0.51	DEPTH TRANSITION AT RANDOLPH RTE W					
47.560	50	22	122.22	2.44	DEPTH TRANSITION AT MIDDLE FORK LITTLE CHARITON RIVER NORTH END					
47.619	50	22	122.22	2.44	DEPTH TRANSITION AT MIDDLE FORK LITTLE CHARITON RIVER SOUTH END					
47.879	10	24	26.67	0.53	DEPTH TRANSITION AT RANDOLPH RTE F					
50.589	50	22	122.22	2.44	DEPTH TRANSITION AT MUNCAS CREEK NORTH END					
50.616	50	22	122.22	2.44	DEPTH TRANSITION AT MUNCAS CREEK SOUTH END					
52.604	50	20	111.11	2.22	DEPTH TRANSITION OVERLAY TO MILL AND FILL					
52.930	50	22	122.22	2.44	NS RAILROAD CROSSING SOUTH SIDE					
53.145	50	39.5	219.44	4.39	END PROJECT DEPTH TRANSITION AT US24					
			-	43.58	TACK SUBTOTAL *					
			2181.65	-	MODIFIED COLDMILLING SUBTOTAL					
VARIOUS	VAR.	VAR.	387.22	-	MODIFIED COLDMILLING SUBTOTAL FROM PAVED APPROACHES					
		TOTAL	2568.87							
		USE	2569.00							
* - SEE ASI	* - SEE ASPAHLT AND TACK QUANTITIES FOR TOTAL.									

	REMOVAL OF IMPROVEMENTS								
LOG MILE	LOG MILE	LOC.	QUANTITY	DESCRIPTION					
			UNITS						
11.153	11.242	LT/RT	325 L.F.	REMOVE EXIST. GUARDRAIL AT MARCELINE SUB RR BRIDGE					
35.217	35.356	LT/RT	300 L.F.	REMOVE EXIST. GUARDRAIL AT NORTH OF FLEETWOD ST					
35.725	35.846	LT/RT	300 L.F.	REMOVE EXIST. GUARDRAIL AT SOUTH OF FLEETWOD ST					
47.560	47.633	LT/RT	300 L.F.	REMOVE EXIST. GUARDRAIL AT MIDDLE FORK BRIDGE					
50.589	50.630	LT/RT	300 L.F.	REMOVE EXIST. GUARDRAIL AT MUNCAS CR BRIDGE					
		TOTAL	1 LUMP SUM						

			C	ONSTRUCTI	ON SIGN	S
S I GN NO .	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 50 MILES
2	W020-1	48 X 48	16.00	6	96.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	8	128.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	6	96.00	FLAGGER (SYMBOL) WITH FLAGS
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	52	832.00	NO CENTER LINE
53	G020-4 36 X 18		4.50	3	13.50	PILOT CAR FOLLOW ME
56	CONST - 7	48 X 24	8.00	2	16.00	RATE OUR WORK ZONE
36	W08-11	48 X 48	16.00	102	1632.00	UNEVEN LANES
59	CONST - 8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
SIDE ROAD PA	ACKAGE - NON-ST	TATE ROUTE	- 15 TOTAL			
2	W020-1	48 X 48	16.00	15	240.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	15	240.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	15	240.00	BE PREPARED TO STOP
58	SPECIAL	18 X 12	1.50	15	22.50	PILOT CAR IN USE WAIT & FOLLOW
SIDE ROAD PA	ACKAGE - STATE	ROUTE - 1	0 TOTAL			
2	W020-1	48 X 48	16.00	10	160.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	10	160.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	10	160.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	10	87.50	PILOT CAR IN USE WAIT & FOLLOW
TOTAL					4192.26	
NOTE: FC	R INFORMATI	ON PURPO	DSES ONLY	SEE LUMP	SUM PAY	I TEM.

* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 6 AS DIRECTED BY ENGINEER.

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

TRAFFIC CONTROL DEVICES							
ITEM NO.	QTY.	DESCRIPTION					
612-30.00A	2 **	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)					
616-10.25	250	CHANNELIZERS (TRIM-LINE) (LUMP SUM)					

** - NOT INCLUDED MISC. TEMPORARY TRAFFIC CONTROL - 1 LUMP SUM QUANTITY.

CHISTOPHER S. KNAPP PE-2005023325 THIS SHEET HAS BEEN SIGNED EACHD AND DATED	DATED
CHRISTOPHER S. KNAPP	AND
NUMBER PE-2005023325	SEALED
WANTED THE PROPERTY OF THE PARTY OF THE PART	SE
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED	4LL)

DATE PREPARED							
8/24/2023							
ROUTE	STATE						
3	MO						
DISTRICT	SHEET NO.						
NE	7						

NE 3 COUNTY ADAIR/MACON/RANDOLPH

JOB NO.
J2S3410
CONTRACT ID.

PROJECT NO.

RIDGE NO.

SSOURT HIGHWAYS AND IKANSPORTATION
COMMISSION

MODOT

108 WEST CAPITOL
LEFFERSON CITY, MO 65102

LEFFERSON CITY, MO 65102

QUANTITIES HEET 2 OF 3

16.131 20.843 28.360 29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	OG MILE 16.131 20.843 28.360 29.311 52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.517	TYPE SW SW SW SY IY SYIY DSY SYIY SYIY DSY SYIY IY SYIY IY SYIY SY		LENGTH MILES 16.131 4.712 7.517 0.951 23.131 0.041 0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.879 0.140	4" YELLOW LIN. FT. - - - - - - - - - - - - - - - - - - -	4" WHITE		BAR CROSSWALK LIN.FT. EACH	REMARKS EDGELINES NO EDGELINES-LOW ADT EDGELINES EXCEPTION IN CALLAO EDGELINES DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	29.879 29.916 30.049 30.349 30.610 30.713 30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927 34.110	29.916 30.049 30.349 30.610 30.713 30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927 34.110	DSY	BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND SOUTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.103 0.162 0.059 0.136 0.320 0.122 0.030 0.139 1.268 0.184 0.422	390.72 877.80 3168.00 1722.60 135.96 1069.20 623.04 897.60 422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32					DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.000 16.131 20.843 28.360 29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	16.131 20.843 28.360 29.311 52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SW SW SW DSY IY SYIY DSY SYIY SYIY SYIY SYIY SY	BOTH SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND NORTHBOUND	MILES 16.131 4.712 7.517 0.951 23.131 0.041 0.220 0.140 0.259 0.180 0.140 0.101 0.140 0.879 0.140 0.140 0.879 0.140 0.140 0.879 0.140 0.140 0.140	432.96 290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	LIN. FT. 170343.36	EACH	LIN.FT. EACH	EDGELINES NO EDGELINES - LOW ADT EDGELINES EXCEPTION IN CALLAO EDGELINES DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	30.349 30.610 30.713 30.875 30.934 31.070 31.390 31.512 31.681 32.949 33.133 33.555 33.713 33.927	30.610 30.713 30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	SYIY IY SYIY DSY SYIY IY SYIY IY SYIY IY SYIY IY	NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.261 0.103 0.162 0.059 0.136 0.320 0.122 0.030 0.139 1.268 0.184 0.422	1722.60 135.96 1069.20 623.04 897.60 422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32	- - - - - - - - - - - - - - - - - - -				SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
0.000 16.131 20.843 28.360 29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	16.131 20.843 28.360 29.311 52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SW SW SW DSY IY SYIY DSY SYIY SYIY SYIY SYIY SY	BOTH SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND	16.131 4.712 7.517 0.951 23.131 0.041 0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.101 0.140 0.879 0.140 0.140	432.96 290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	170343.36 			EDGELINES NO EDGELINES - LOW ADT EDGELINES EXCEPTION IN CALLAO EDGELINES DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	30.610 30.713 30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713	30.713 30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	1Y	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.103 0.162 0.059 0.136 0.320 0.122 0.030 0.139 1.268 0.184 0.422	135.96 1069.20 623.04 897.60 422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32	·				INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
16.131 20.843 28.360 29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	20.843 28.360 29.311 52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.456 4.717 4.456 4.717 4.857 5.197 5.397	DSY	BOTH SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND SOUTHBOUND NORTHBOUND NORTHBOUND	0.041 0.220 0.140 0.140 0.259 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140	432.96 290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 924.00	79379.52			EDGELINES EXCEPTION IN CALLAO EDGELINES DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	30.875 30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	DSY SYIY IY SYIY IY SYIY IY SYIY IY SYIY SYIY SYIY DSY SYIY	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.162 0.059 0.136 0.320 0.122 0.030 0.139 1.268 0.184 0.422	1069.20 623.04 897.60 422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32	- - - - - - -			- - - - - -	DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
28.360 29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	29.311 52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	DSY	BOTH SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND SOUTHBOUND NORTHBOUND NORTHBOUND	0.951 23.131 0.041 0.220 0.140 0.259 0.180 0.130 0.140 0.101 0.140 0.140 0.140 0.140	432.96 290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 924.00	. 244263.36 			EXCEPTION IN CALLAO EDGELINES DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	30.934 31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	SYIY 1Y SYIY 1Y SYIY IY SYIY DSY SYIY	NORTHBOUND SOUTHBOUND NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.136 0.320 0.122 0.030 0.139 1.268 0.184 0.422	897.60 422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32	- - - - -			- - - - - -	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
29.311 0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	52.442 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	DSY 1Y 5Y1Y DSY 5Y1Y 5Y1Y 5Y1Y 5Y1Y DSY 5Y1Y 1Y 5Y1Y DSY 5Y1Y 1Y 5Y1Y DSY 5Y1Y DSY	BOTH SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND NORTHBOUND O SOUTHBOUND O SOUTHBOUND	0.041 0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.170 0.140 0.140 0.140	- 432.96 290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	244263.36			DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	31.070 31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	IY SYIY IY SYIY IY SYIY DSY SYIY	SOUTHBOUND NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.320 0.122 0.030 0.139 1.268 0.184 0.422	422.40 805.20 39.60 917.40 1673.76 1214.40 4456.32	- - - - -	- - - -		- - - -	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
0.000 0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	DSY 1Y 5Y1Y DSY 5Y1Y 5Y1Y 5Y1Y 5Y1Y DSY 5Y1Y 1Y 5Y1Y DSY 5Y1Y 1Y 5Y1Y DSY 5Y1Y DSY	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND - SOUTHBOUND BOTH NORTHBOUND	0.041 0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140	290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00			· · · · · · · · · · · · · · · · · · ·	DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	31.390 31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	31.512 31.542 31.681 32.949 33.133 33.555 33.713 33.927	IY SYIY IY SYIY DSY SYIY	SOUTHBOUND BOTH NORTHBOUND	0.122 0.030 0.139 1.268 0.184 0.422	805.20 39.60 917.40 1673.76 1214.40 4456.32	- - - -	-	- - - -	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	IY	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND - SOUTHBOUND BOTH NORTHBOUND	0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140 1.477	290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00			· · · · · · · · · · · · · · · · · · ·	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	31.542 31.681 32.949 33.133 33.555 33.713 33.927	31.681 32.949 33.133 33.555 33.713 33.927	SYIY IY SYIY DSY SYIY	NORTHBOUND - SOUTHBOUND BOTH NORTHBOUND	0.139 1.268 0.184 0.422	917.40 1673.76 1214.40 4456.32	- - -	-	- - -	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
0.041 0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	IY	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND - SOUTHBOUND BOTH NORTHBOUND	0.220 0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140 1.477	290.40 924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00			· · · · · · · · · · · · · · · · · · ·	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	31.681 32.949 33.133 33.555 33.713 33.927	32.949 33.133 33.555 33.713 33.927	IY SYIY DSY SYIY	SOUTHBOUND BOTH NORTHBOUND	1.268 0.184 0.422	1673.76 1214.40 4456.32	 -	-		-	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
0.261 0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.401 0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SYIY	BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND BOTH NORTHBOUND SOUTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND NORTHBOUND	0.140 0.259 0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140	924.00 2735.04 1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	- - - - - -	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	32.949 33.133 33.555 33.713 33.927	33.133 33.555 33.713 33.927	SYIY DSY SYIY	BOTH NORTHBOUND	0.184 0.422	1214.40 4456.32	-		-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE
0.660 0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	\$Y1Y \$Y1Y DSY \$Y1Y \$Y1Y DSY \$Y1Y 1Y \$Y1Y DSY \$Y1Y 1Y \$Y1Y DSY	NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND BOTH NORTHBOUND BOTH	0.180 0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140 1.477	1188.00 917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	- - - - -			SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	33.555 33.713 33.927	33.713 33.927	SYIY	NORTHBOUND				-		-	
0.840 0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SYIY DSY SYIY SYIY DSY SYIY IY SYIY IY SYIY DSY SYIY IY SYIY IY SYIY IY SYIY DSY	SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND BOTH NORTHBOUND NORTHBOUND	0.139 0.140 0.101 0.140 0.879 0.140 0.140 0.140 1.477	917.40 1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	- - - - -	- - - -		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	33.713 33.927	33.927			0.158	1042.80	-	-	-	-	
0.979 1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	1.119 1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197	DSY SYIY DSY SYIY IY SYIY DSY SYIY DSY SYIY IY SYIY DSY	BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.140 0.101 0.140 0.879 0.140 0.140 0.140	1478.40 666.60 924.00 9282.24 924.00 184.80 924.00	- - - -	-		DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	33.927				0.214	282.48	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
1.220 1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SYIY DSY SYIY IY SYIY DSY SYIY IY SYIY DSY SYIY IY	SOUTHBOUND BOTH NORTHBOUND - SOUTHBOUND BOTH NORTHBOUND	0.140 0.879 0.140 0.140 0.140 1.477	924.00 9282.24 924.00 184.80 924.00	- - -	-			34 110	34.110	SYIY		0.183	1207.80	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
1.360 2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	DSY SYIY IY SYIY DSY SYIY IY SYIY OSY SYIY OSY	BOTH NORTHBOUND SOUTHBOUND BOTH NORTHBOUND	0.879 0.140 0.140 0.140 1.477	9282.24 924.00 184.80 924.00	- - -	-				34.276	DSY		0.166	1752.96	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
2.239 2.379 2.519 2.659 4.136 4.237 4.297 4.456 4.717	2.379 2.519 2.659 4.136 4.237 4.237 4.456 4.717 4.857 5.197 5.397	SYIY IY SYIY DSY SYIY IY SYIY DSY	SOUTHBOUND BOTH NORTHBOUND	0.140 0.140 0.140 1.477	924.00 184.80 924.00	-		 	DOUBLE SOLID YELLOW CENTERLINE	34.276 34.435	34.435 34.753	SYIY	NORTHBOUND -	0.159	1049.40 419.76	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
2.519 2.659 4.136 4.237 4.297 4.456 4.717	2.659 4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	SYIY DSY SYIY IY SYIY DSY	SOUTHBOUND BOTH NORTHBOUND	0.140 1.477	924.00		-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	34.753	34.937		SOUTHBOUND		1214.40	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
2.659 4.136 4.237 4.297 4.456 4.717	4.136 4.237 4.297 4.456 4.717 4.857 5.197 5.397	DSY SYIY IY SYIY DSY	BOTH NORTHBOUND	1.477		- 1			INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	34.937	35.085	DSY		0.148	1562.88	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
4.136 4.237 4.297 4.456 4.717	4.237 4.297 4.456 4.717 4.857 5.197 5.397	IY SYIY DSY	-	0.101		-	-		DOUBLE SOLID YELLOW CENTERLINE	35.085 35.197	35.197 36.427	SYIY	NORTHBOUND -	1.230	739.20 1623.60	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
4.297 4.456 4.717	4.456 4.717 4.857 5.197 5.397	SYIY			666.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	36.427	36.630	SYIY		0.203	1339.80	•	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
4.456 4.717	4.717 4.857 5.197 5.397	DSY	200 HROOND	0.060	79.20	-	-		INTERMITTENT YELLOW CENTERLINE	36.630	36.815			0.185	1221.00	-	- 1	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
4.717	4.857 5.197 5.397		BOTH	0.159	1049.40 2756.16	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE	36.815 36.905	36.905 37.119	SYIY	SOUTHBOUND	0.090	118.80 1412.40	-	-	-	-	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
4.857 l	5.397		NORTHBOUND	0.140	924.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	37.119	37.264	SYIY	NORTHBOUND	0.145	957.00	= 1	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
		IY	- COUTUROUND	0.340	448.80	-	-		INTERMITTENT YELLOW CENTERLINE	37.264	38.418	IY		1.154	1523.28	-	-	-	-	INTERMITTENT YELLOW CENTERLINE
		SYIY	SOUTHBOUND NORTHBOUND	0.200	1320.00 792.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	38.418 38.570	38.570 38.710		SOUTHBOUND NORTHBOUND		1003.20 924.00	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	6.160	ΙΥ	-	0.643	848.76	-	-		INTERMITTENT YELLOW CENTERLINE	38.710	39.488	IY		0.778	1026.96	-	-	-	-	INTERMITTENT YELLOW CENTERLINE
	6.359	SYIY	SOUTHBOUND	0.199	1313.40	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	39.488	39.667		SOUTHBOUND		1181.40	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	6.519	SYIY	NORTHBOUND SOUTHBOUND	0.160	1056.00 924.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	39.667 39.826	39.826 39.991		NORTHBOUND SOUTHBOUND		1049.40	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	6.838	SYIY	SOUTHBOUND	0.179	1181.40	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	39.991	41.395	DSY	вотн	1.404	14826.24	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	6.879	IY	NOD TUDOUND	0.041	54.12	-	-		INTERMITTENT YELLOW CENTERLINE	41.395	41.489		NORTHBOUND		620.40	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	7.038	SYIY	NORTHBOUND -	0.159	1049.40 52.80	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE	41.489	41.581	DSY	BOTH SOUTHBOUND	0.092	971.52 653.40	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	7.297	SYIY	SOUTHBOUND	0.219	1445.40	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	41.680	41.881			0.201	1326.60	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	7.518	SYIY	NORTHBOUND	0.221	1458.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	41.881	41.954	IY		0.073	96.36	-	-	-	-	INTERMITTENT YELLOW CENTERLINE
	7.597 8.557	DSY	SOUTHBOUND	0.079	521.40 10137.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE	41.954 42.110	42.110 42.252		SOUTHBOUND NORTHBOUND		1029.60 937.20	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	8.776	SYIY	NORTHBOUND	0.219	1445.40	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	42.252	42.294	DSY	вотн	0.042	443.52	=	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	8.821	DSY	BOTH	0.045	475.20	-	-		DOUBLE SOLID YELLOW CENTERLINE	42.294	42.430		SOUTHBOUND		897.60	•	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	9.564	DSY	BOTH	3.133	33084 48	-	-		ROUTE 156 EXCEPTION DOUBLE SOLID YELLOW CENTERLINE	42.430 42.609	42.609 42.831	SYIY	NORTHBOUND -	0.179	1181.40 293.04	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
	12.878	SYIY	SOUTHBOUND	0.181	1194.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	42.831	43.034	SYIY	SOUTHBOUND	0.203	1339.80	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	13.190	DSY	BOTH NORTHBOUND	0.312	3294.72 1399.20	-	-		DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	43.034 44.990	44.990	DSY	BOTH	1.956	20655.36 712.80	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	13.402	SYIY			1320.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	45.098	45.098 45.176	DSY	NORTHBOUND BOTH	0.108	823.68	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
13.602	16.120	DSY	вотн	2.518	26590.08	-	-		DOUBLE SOLID YELLOW CENTERLINE	45.176	45.277		SOUTHBOUND		666.60	=	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	16.131	DEV.	BOTH	0.720	7609 24		-		ROUTE J EXCEPTION	45.277	46.972	DSY		1.695	17899.20	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	16.860 17.039	DSY		0.729	7698.24 1181.40	-	-		DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	46.972 47.137	47.137 47.619	IY	NORTHBOUND -	0.165	1089.00 636.24	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
17.039	17.259	SYIY	SOUTHBOUND	0.220	1452.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	47.619	47.733	SYIY	SOUTHBOUND	0.114	752.40	•	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	19.919	DSY	BOTH	2.660	28089.60	-	-		DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	47.733	48.524	DSY		0.791	8352.96	•	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	20.080	SYIY	NORTHBOUND -	0.100	1062.60	-	-		INTERMITTENT YELLOW CENTERLINE	48.524 48.657	48.657 48.700	IY	NORTHBOUND -	0.133	877.80 56.76	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
	20.340	SYIY	SOUTHBOUND	0.160	1056.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	48.700	48.882		SOUTHBOUND		1201.20	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	22.680	DSY	BOTH NORTHBOUND	2.340	24710.40	-	-		DOUBLE SOLID YELLOW CENTERLINE	48.882	49.024		NORTHBOUND		937.20	-	-	-	=	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	22.781	SYIY	- UNON I FIBOURD	0.101	666.60 224.40	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE	49.024 49.061	49.061 49.225	DSY	BOTH SOUTHBOUND	0.037	390.72 1082.40	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
22.951	23.121	SYIY	SOUTHBOUND	0.170	1122.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	49.225	50.360	DSY	вотн	1.135	11985.60	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	23.261	SYIY	NORTHBOUND -	0.140	924.00 104.28	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE	50.360 50.520	50.520 51.176	SYIY	NORTHBOUND -	0.160	1056.00 865.92	•	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE
	23.501	SYIY	SOUTHBOUND	0.079	104.28	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	51.176	51.176		SOUTHBOUND		1584.00	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	24.099	DSY	BOTH	0.598	6314.88	-	-		DOUBLE SOLID YELLOW CENTERLINE	51.416	51.613	SYIY	NORTHBOUND		1300.20	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	24.219	SYIY			792.00 1188.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	51.613	51.961 52.442	SYIY	SOUTHBOUND	0.348	459.36 3174.60	-	-	-	-	INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	27.299	DSY	BOTH	2.900	30624.00	-	-		DOUBLE SOLID YELLOW CENTERLINE	51.961	52.442	DSY		0.481	1457.28	-	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
27.299	27.419	SYIY	NORTHBOUND	0.120	792.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	52.580	52.885	SYIY	NORTHBOUND	0.305	2013.00	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	27.579	IY	SOUTHBOUND	0.160	211.20 1320.00	-	-		INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	52.885 52.929	52.929 52.983		SOUTHBOUND NORTHBOUND		290.40 356.40	-	-	-	-	SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE
	27.779	SYIY	NORTHBOUND	0.200	798.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	52.929	52.983	IY		0.034	162.36	-	-	-	-	INTERMITTENT YELLOW CENTERLINE
27.900	27.939	DSY	вотн	0.039	411.84	-	-		DOUBLE SOLID YELLOW CENTERLINE	53.106	53.145	DSY		0.039	411.84	<u>=</u> 1	-	-	-	DOUBLE SOLID YELLOW CENTERLINE
	28.100	SYIY	SOUTHBOUND BOTH		1062.60 2745.60	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	52 644									5 00	ZERDA CDOSCWALK AT SCHOOL
	28.360 28.419	DSY	BOTH	0.260	623.04	-	-		DOUBLE SOLID YELLOW CENTERLINE DOUBLE SOLID YELLOW CENTERLINE	52.644 52.719	-	-	-	-	-	-	-	-	5.00	ZEBRA CROSSWALK AT SCHOOL ZEBRA CROSSWALK AT SEARS ST.
28.419	28.499	SYIY	NORTHBOUND	0.080	528.00	-	-		SOLID YELLOW/INTERMITTENT YELLOW CENTERLINE	53.796	-	-	-	-	-	-	-	-	5.00	ZEBRA CROSSWALK AT CHRISTY ST.
	28.771	IY	- POTH	0.272	359.04	-	-		INTERMITTENT YELLOW CENTERLINE	52.885	52.983	-	-	-	- T	-	2.00	24.00	-	RR CROSSING IN CLIFTON HILL
	28.831	DSY IY	BOTH -	0.060	633.60 249.48	-	-		DOUBLE SOLID YELLOW CENTERLINE INTERMITTENT YELLOW CENTERLINE	53.168 FOR INFOR	- MATION ONLY	FIELD V	ERIFY LOCAT	IONS.	-	<u>=</u>	-	12.00	-	STOP BAR AT US24
29.020	29.070	DSY	вотн	0.050	528.00	-	-		DOUBLE SOLID YELLOW CENTERLINE											
	29.311 29.745	DSY	BOTH	0.434	4583.04	-	-		CONCRETE EXCEPTION DOUBLE SOLID YELLOW CENTERLINE											



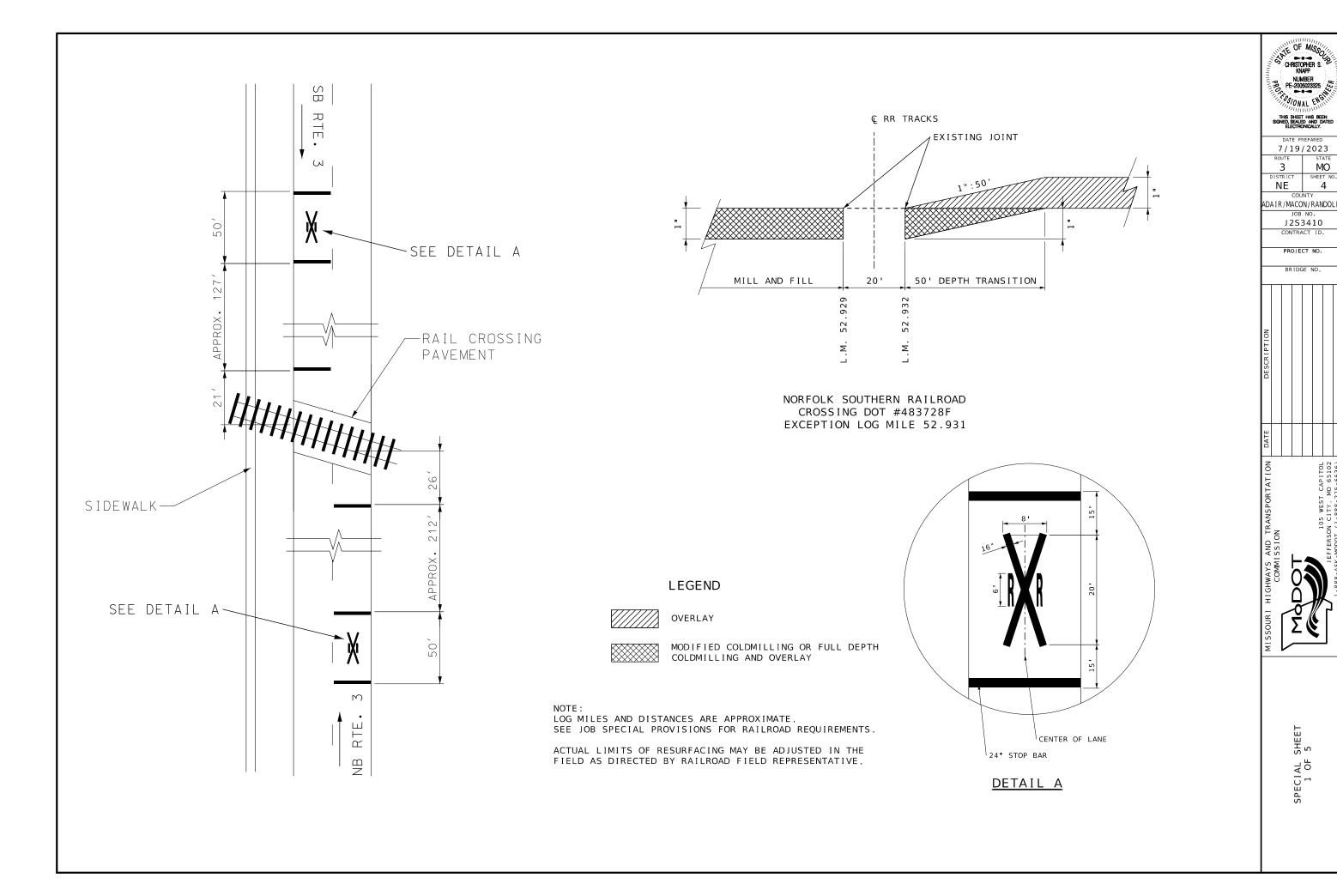
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

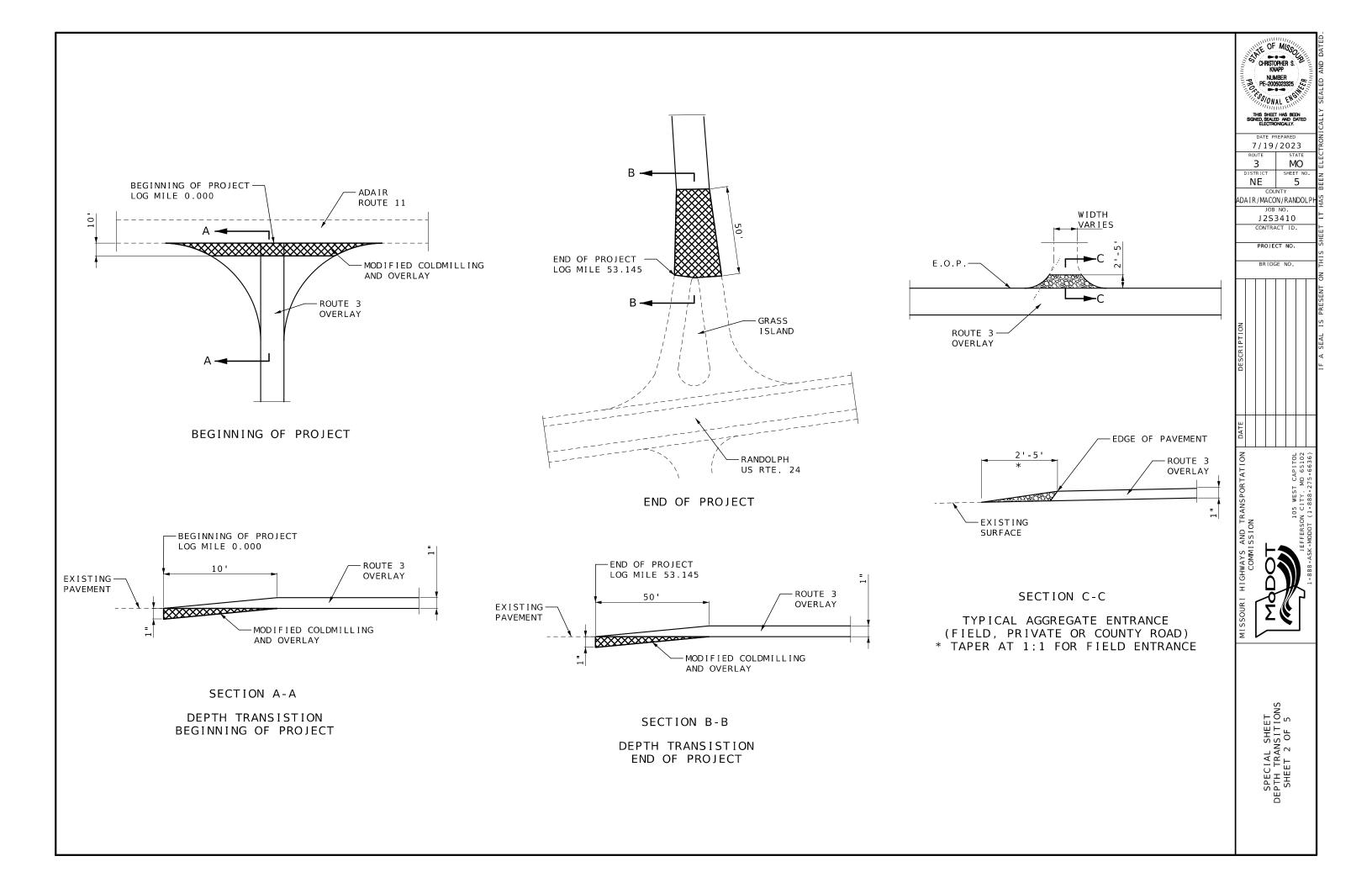
7/19/2023 3 MO SHEET NO NE 3

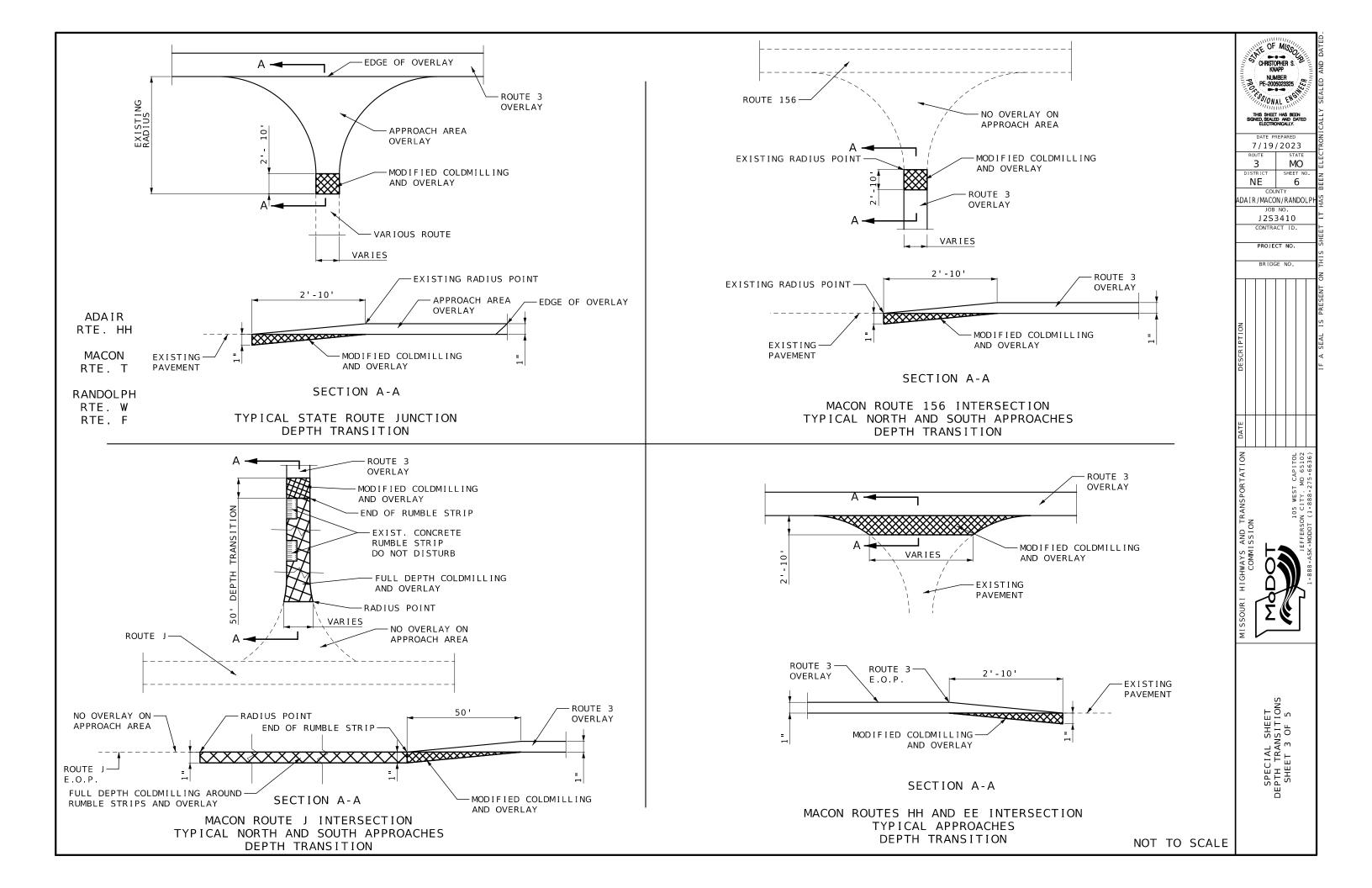
DAIR/MACON/RANDOLP JOB NO. J2S3410 CONTRACT ID.

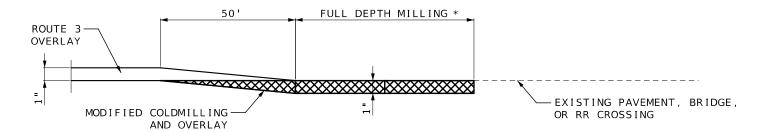
PROJECT NO.

QUANTITIES INFORMATION ONLY) SHEET 3 0F 3 (FOR

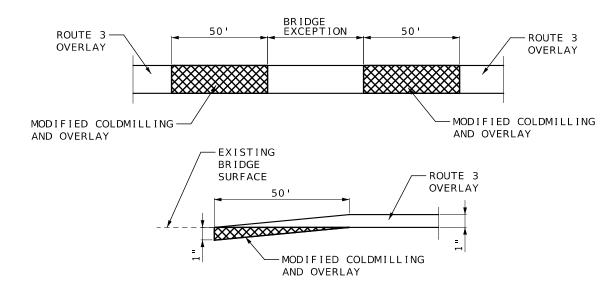




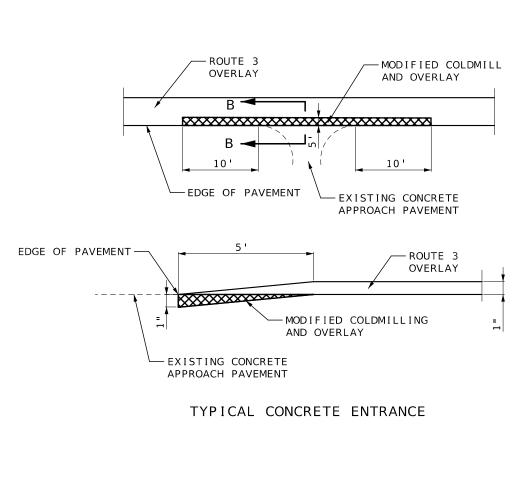


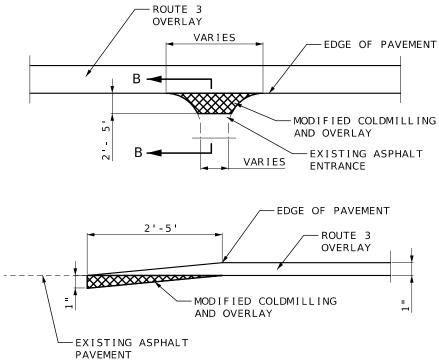


DEPTH TRANSITION
OVERLAY TO FULL DEPTH COLDMILLING AND OVERLAY
* LM 15.988 TO LM 16.262 (RTE. J INTERSECTION)
* LM 28.559 TO LM 28.861 (CALLAO CITY LIMITS TO RR BRIDGE)
* LM 52.611 TO LM 52.929 (CLIFTON HILL CITY LIMITS TO RR CROSSING)



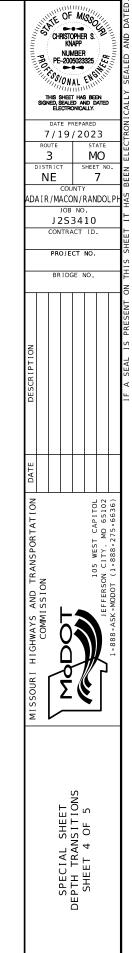
TYPICAL DEPTH TRANSITION BRIDGE EXCEPTIONS

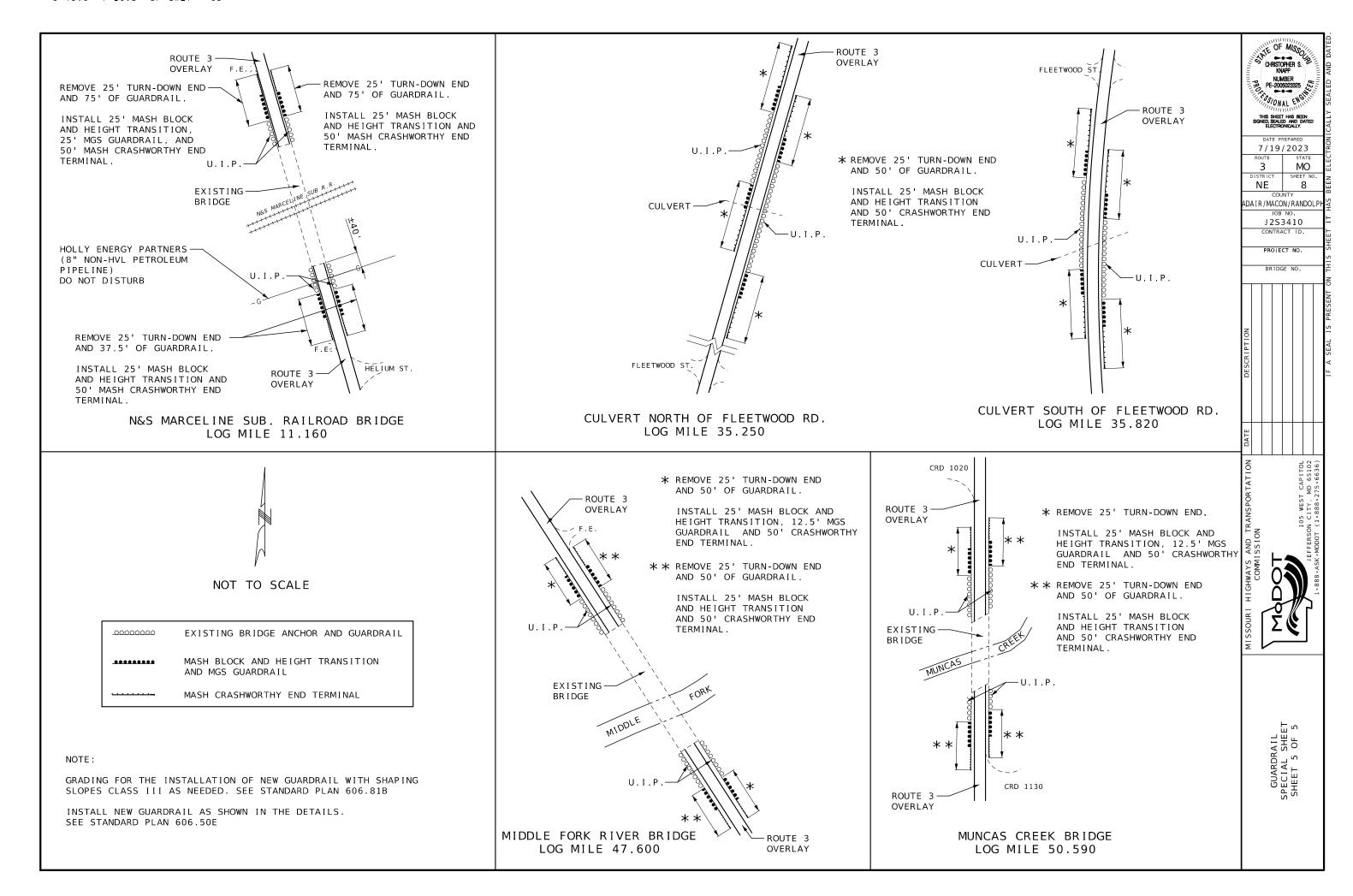






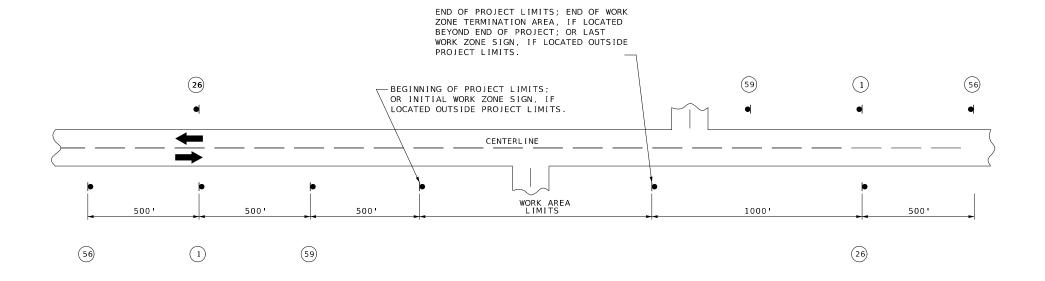
NOT TO SCALE





ΙΟΝ Δ=136 1' Ω=29 2'

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NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

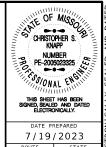
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.











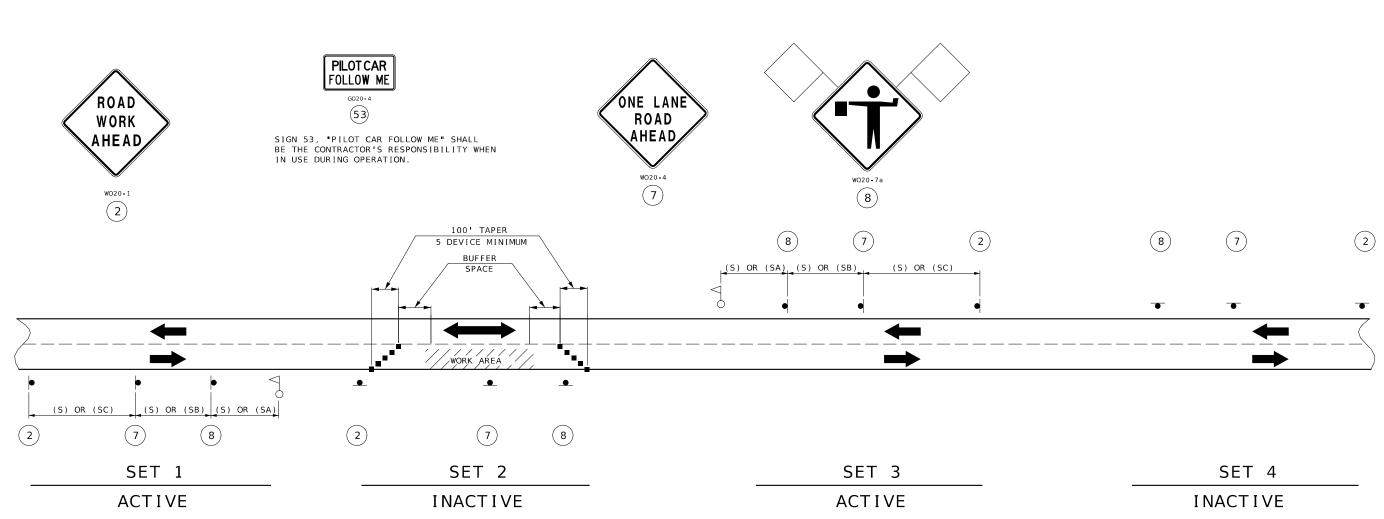
DATE PREPARED								
7/19/2023								
ROUTE	STATE							
3	MO							
STRICT	SHEET NO.							
NE	9							
COU	NTY							
IR/MACON/RANDOLP								
JOB NO.								
J2S3	3410							
CONTRA	CT ID							

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

TRAFFIC CONTROL SHEET 1 OF 6



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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

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

- CHANNELIZERS

- FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

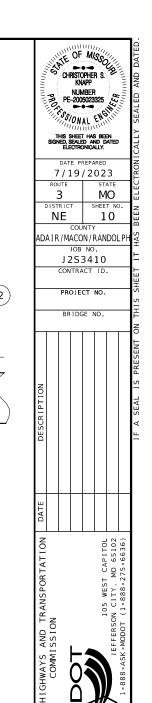
SPEED	SIGN SPACING (FT.)					
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)				
0-35	200	200 500				
40-45	350					
50-55	500	1000				
60-70	1000	(SA) - 1000 (SB) - 1500 (SC) - 2640				

NOTES:

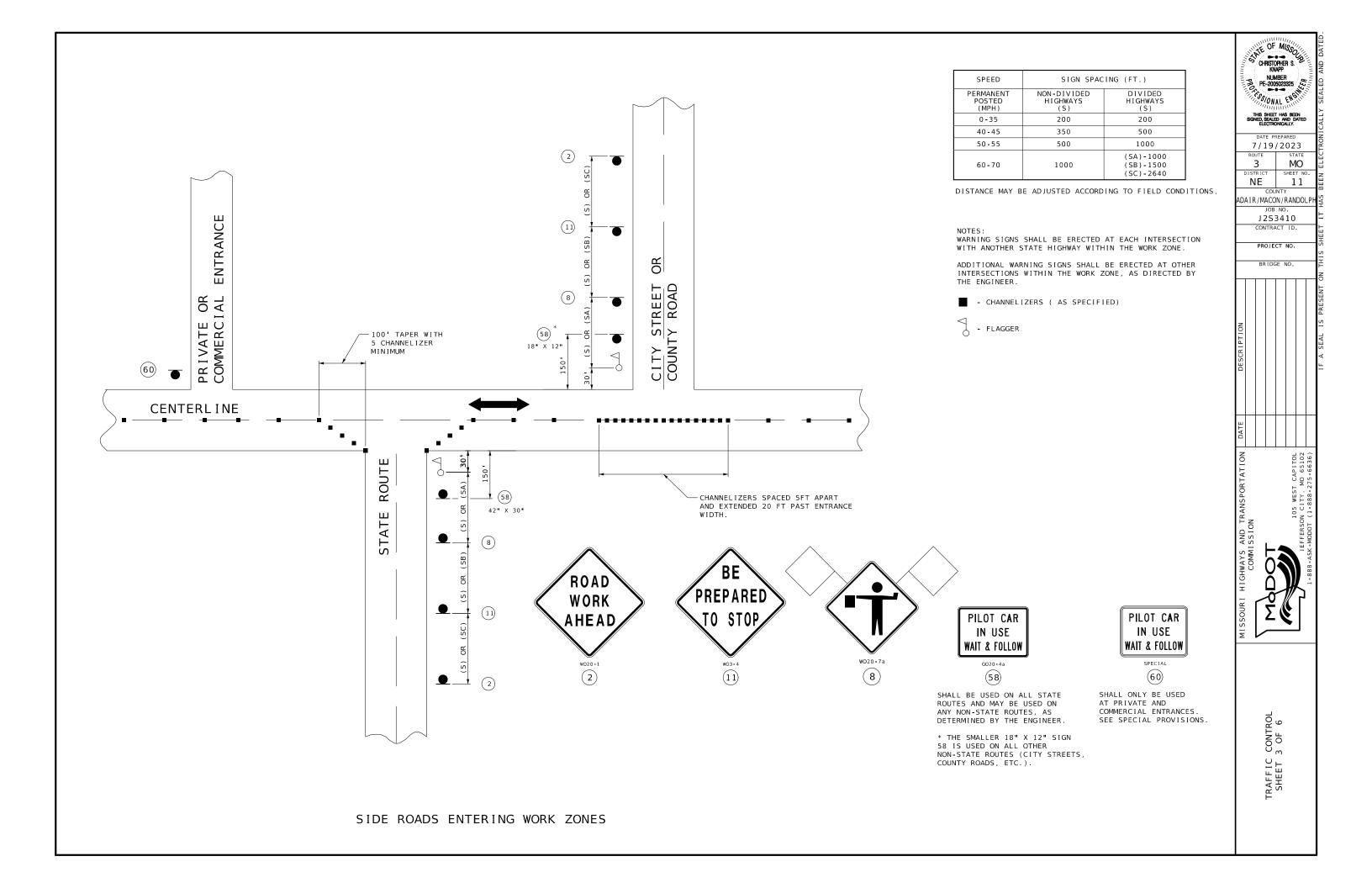
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

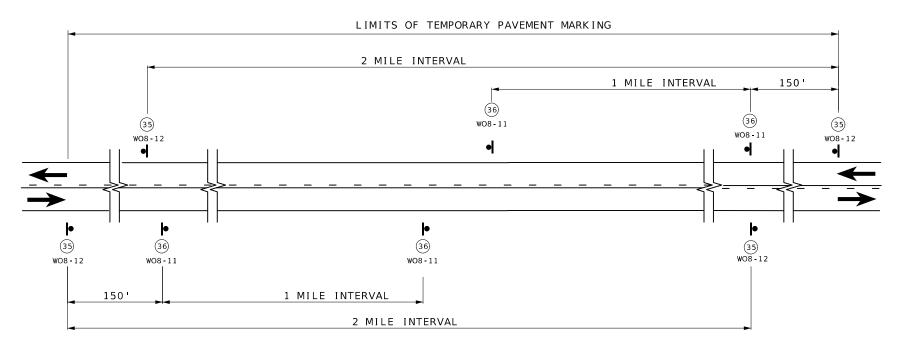
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

DEDMANIENT BOSTED	DUESED CDACE		
PERMANENT POSTED	BUFFER SPACE		
SPEED LIMIT	LENGTH		
(MPH)	(FT)		
0 - 35	280		
40 - 45	400		
50 - 55	560		
60 - 70	840		

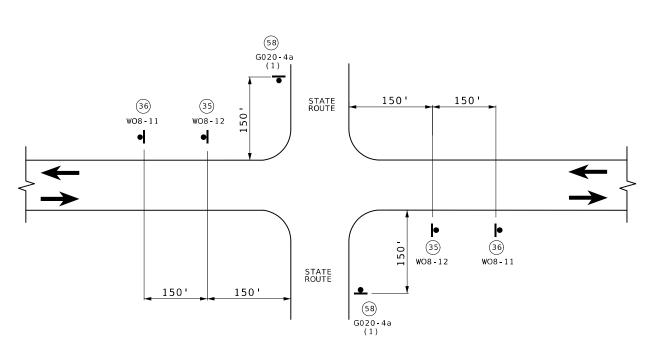


TRAFFIC CONTROL SHEET 2 OF 6



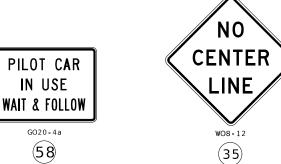


SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



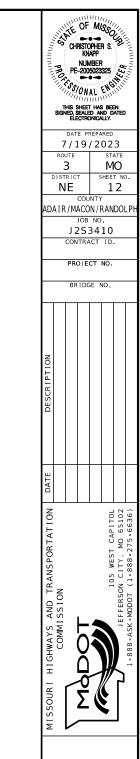


NOTES:

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

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

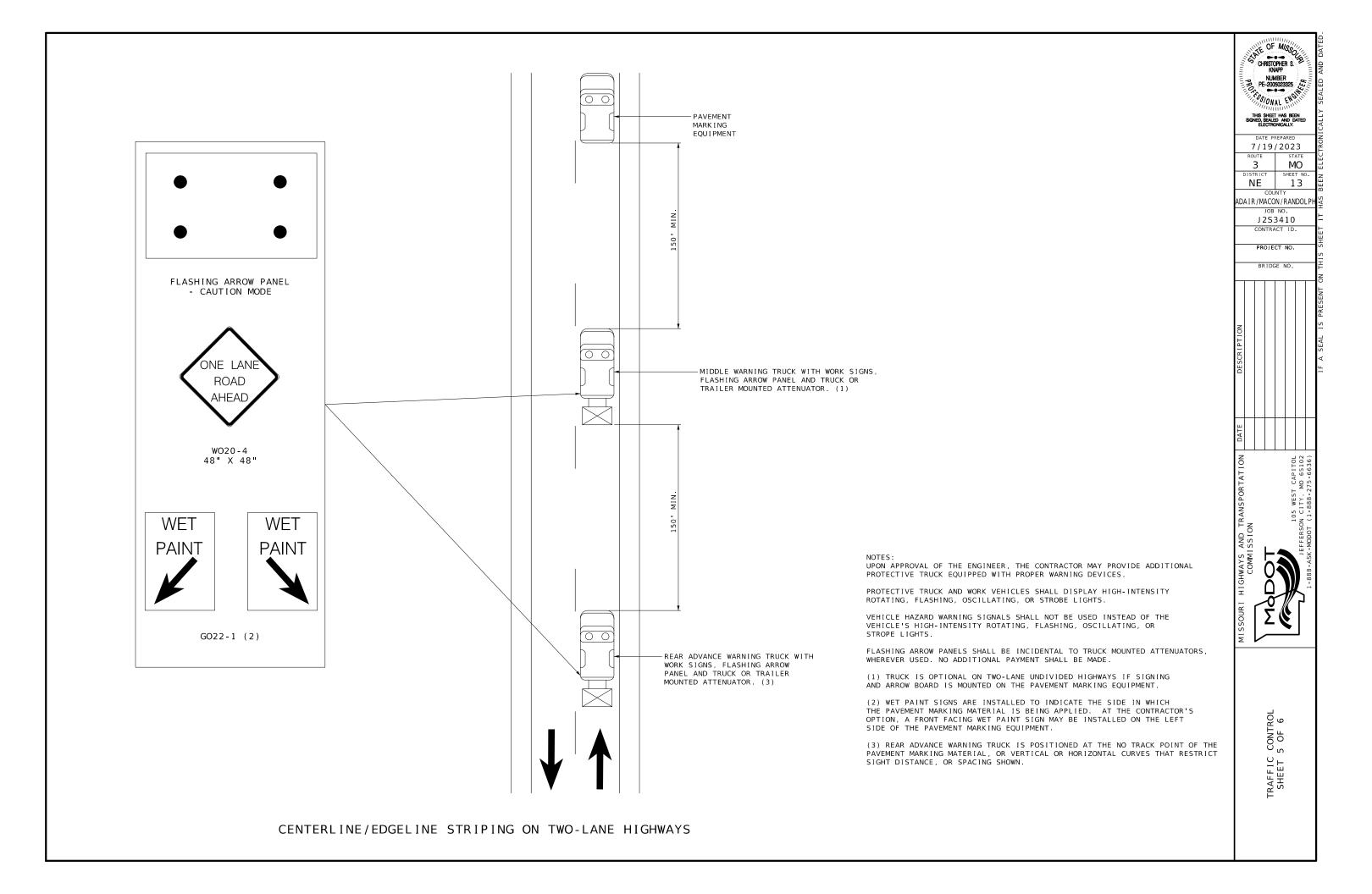
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

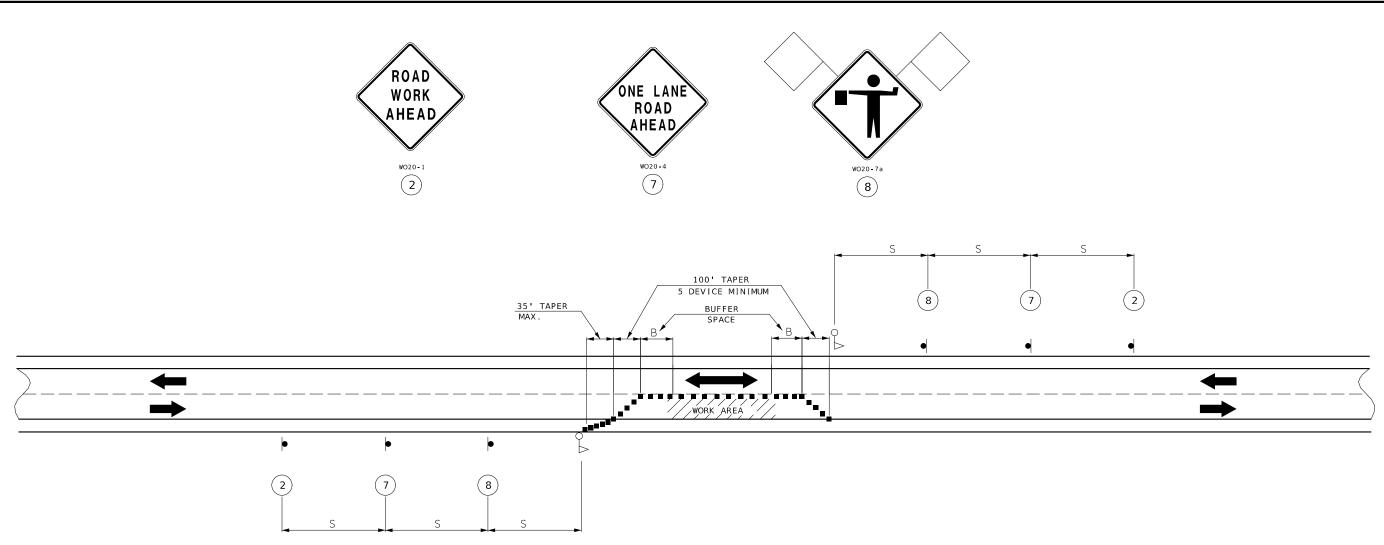


TRAFFIC CONTROL SHEET 4 OF 6

ΔIF

NOT TO SCALE





- CHANNELIZERS

DAYLIGHT FLAGGING OPERATIONS ONLY.

- FLAGGER

NOTES:

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

PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS
GUARDRAIL INSTALLATION



ROUTE STATE

MO
DISTRICT SHEET NO.
NE 14
COUNTY
ADAIR/MACON/RANDOLP
JOB NO.
J 253410
CONTRACT ID.

DATE DESCRIPTION

MADOT

105 WEST CAP

105 WEST CAP

TRAFFIC CONTROL SHEET 6 OF 6

DESIGN DESIGNATION

A.A.D.T - 2022 = 739 V = 55 M.P.H

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

MACON AND RANDOLPH COUNTIES

T57N-T53N, R15W-R14W



	KEY MAF)	
HOWING	LOCATION	OF	COUNTY

INDEX OF SHEETS

DESCRIPTION	NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEET (SS)	4 - 7
TRAFFIC CONTROL SHEETS (TC)	8 - 12

NUM PE-200 PE-200 THIS SHEE SIGNED, SEALE ELECTRO		ELECTRONICALLY SEALED AND DAT			
DATE PI	REPARED	S			
7/24	/2023	TR(
ROUTE	STATE	EC			
С	MO	П			
DISTRICT	SHEET NO.	z			
NE	1	BEEN			
COU	NTY				
	.ANDOLPH	HAS			
	NO.	Ļ			
J2S3414					
	ACT ID.	SHEET			
PROJE	CT NO.	S			

LENGTH OF PROJECT

R.	Т	Ε	С	

BEGIN OF PROJECT LOG MILE 0.119 END OF PROJECT LOG MILE 24.130

EQUATIONS AND EXCEPTIONS:

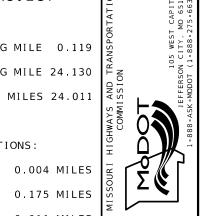
APPARENT LENGTH

RR CROSSING	0.004	MILE
EXCEPTION	0.175	MILE
BRIDGE A8455	0.011	MILE
RR CROSSING	0.004	MILE
BRIDGE B0142	0.010	MILE
RR CROSSING	0.004	MILE
BRIDGE A2662	0.089	MILE
TOTAL CORRECTIONS	0.297	MILE

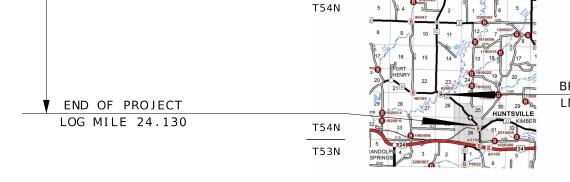
NET LENGTH OF PROJECT 23.714 MILES

23.714 MILES

STATE LENGTH







BEG OF PROJECT LOG MILE 0.119

> EXCEPTION LM 1.042 TO LM 1.217

RR CROSSING EXCEPTION LM 4.267 TO LM 4.271

T57N

T56N

T56N

T55N

T55N

BRIDGE A2662 EXCEPTION LM 22.072 TO LM 22.161

RR CROSSING EXCEPTION LM 0.965 TO LM 0.969

BRIDGE A8455 EXCEPTION

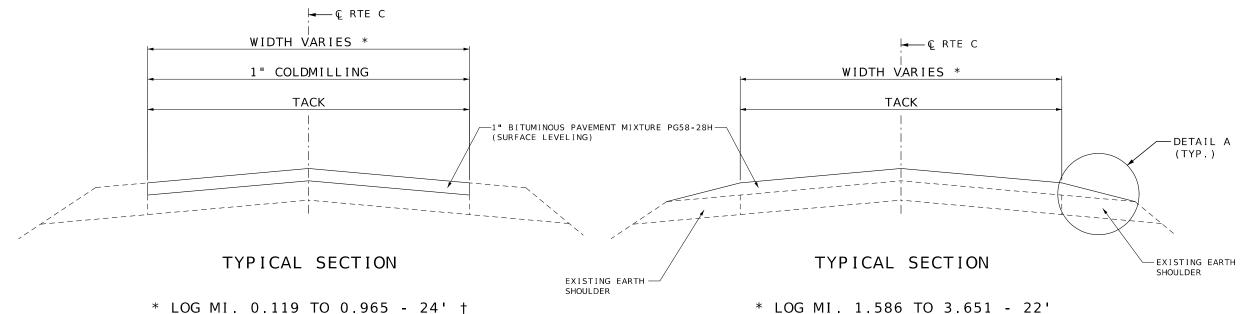
LM 3.729 TO LM 3.740

BRIDGE B0142 EXCEPTION LM 8.487 TO LM 8.497

RR CROSSING EXCEPTION LM 10.915 TO LM 10.919

MACON CO. RANDOLPH CO.

R15W R14W



* LOG MI. 0.969 TO 1.042 - 24' † * LOG MI. 1.217 TO 1.586 - 22'

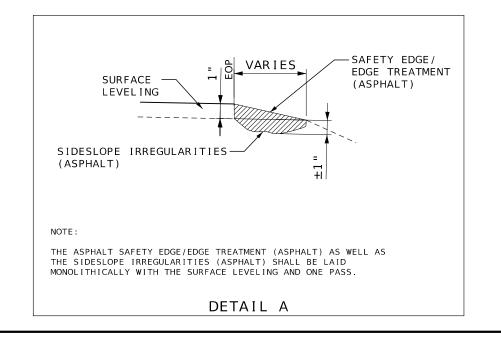
* LOG MI. 23.009 TO 23.339 - 28'

* LOG MI. 23.339 TO 24.130 - 24'

† RR CROSSING EXCEPTION LOG MI. 0.965 TO 0.969

† EXCEPTION LOG MI. 1.042 TO 1.217

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



* LOG MI. 1.586 TO 3.651 - 22'

* LOG MI. 3.651 TO 3.729 - 22-24' †

* LOG MI. 3.740 TO 3.836 - 24-22'

* LOG MI. 3.836 TO 4.230 - 22'

* LOG MI. 4.230 TO 4.267 - 22-24' †

* LOG MI. 4.271 TO 4.348 - 24-22'

* LOG MI. 4.348 TO 8.427 - 22'

* LOG MI. 8.427 TO 8.487 - 22-24' †

* LOG MI. 8.497 TO 8.558 - 24-22'

* LOG MI. 8.558 TO 10.915 - 22' †

* LOG MI. 10.919 TO 21.531 - 22'

* LOG MI. 21.531 TO 22.072 - 28' †

* LOG MI. 22.161 TO 23.009 - 28'

† BRIDGE A8455 EXCEPTION LOG MI. 3.729 TO 3.740

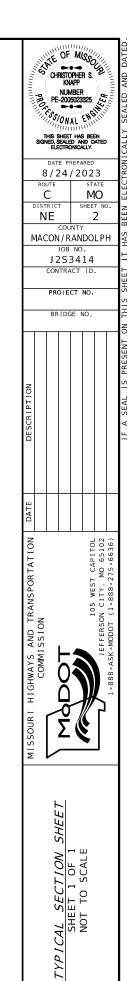
† RR CROSSING EXCEPTION LOG MI. 4.267 TO 4.271

† BRIDGE B0142 EXCEPTION LOG MI. 8.487 TO 8.497

† RR CROSSING EXCEPTION LOG MI. 10.915 TO 10.919

† BRIDGE A2622 EXCEPTION LOG MI. 22.072 TO 22.161

ESTIMATE FACTORS
PROVIDED FOR INFORMATION PURPOSES ONLY
BITUMINOUS PAVEMENT MIXTURE PG 58-28H (BP-1) = 1.948 TON/CY
TACK COAT (EXISTING SURFACE) = 0.08 GAL/SY
TACK COAT (COLDMILLING SURFACE) = 0.10 GAL/SY
GRAVEL, CRUSH STONE AND CHAT = 1.40 TONS / CY OF LOOSE AGG.



					1 "	BITUMINOUS PAVEME	NT MIXTURE PG58	-28H (SURFACE LE	EVELING)
						1" SURFACE LEVELING	TACK COAT	TACK COAT	
LOG	LOG	LENGTH	THICKNESS	WIDTH	AREA	@ 1.948 TONS/CY	0.08 GAL/ SQ. YD.	0 10 GAL/ SQ YD	
MILE	MILE	(FT)	(IN)	(FT)	(SQ YD)	(TONS)	(GAL)	(GAL)	REMARKS
0.119	0.965	4466.88	1.00	24	11912	644.6	-	1191.2	BEG PROJECT TO RR CROSSING
0.969	1.042	385.44	1.00	24	1028	55.6	-	102.8	EXCEPTION
1.217	3.651	12851.52	1.00	22	31415	1699.9	2122.4	488.5	
3.651	3.729	411.84	1.00	22-24	1052	56.9	73.5	13.3	BRIDGE A8455
3.740	3.836	506.88	1.00	24-22	1295	70.1	93.0	13.3	
3.836	4.230	2080.32	1.00	22	5085	275.2	406.8	-	
4.230	4.267	195.36	1.00	22-24	499	27.0	29.3	13.3	RR CROSSING
4.271	4.348	406.56	1.00	24-22	1039	56.2	72.5	13.3	
4.348	8.427	21537.12	1.00	22	52646	2848.7	4211.7	-	
8.427	8.487	316.80	1.00	22-24	810	43.8	54.2	13.3	BRIDGE B0142
8.497	8.558	322.08	1.00	24-22	823	44.5	55.2	13.3	
8.558	10.915	12444.96	1.00	22	30421	1646.1	2423.9	12.2	RR CROSSING
10.919	21.531	56031.36	1.00	22	136966	7411.4	10947.5	12.0	
21.531	22.072	2856.48	1.00	28	8887	480.9	698.5	15.6	BRIDGE A2622
22.161	23.339	6219.84	1.00	28	19351	1047.1	1089.4	573.3	
23.339	24.130	4176.48	1.00	24	11137	602.6	ı	1113.7	END PROJECT
0.119	24.130	126778.08	-	ı	-	3601.7	•	-	ADDTL. 150 TONS/MILE FOR SURFACE IRREGULARITIES
1.586	23.009	113113.44	-	=	-	1360.2	-	-	SAFETY EDGE/EDGE TREATMENT - LEFT AND RIGHT
					SUBTOTAL	21,972.5	22,277.9	3,589.1	
					SUBTOTAL	196.1	-	370	PAVED ENTRANCES
					TOTAL	22,168.6	26,	237	

	AGGREGATE ENTRANCES								
				GRAVEL A,					
			AVERAGE	CRUSHED STONE B					
LOG	LOG	NUMBER OF	TONS PER	0.039 TON/SY/INCH					
MILE	MILE	ENTRANCES	ENTRANCE	TONS	REMARKS				
0.119	24.130	180	2.0	360.0	PRIVATE AND FIELD ENTRANCES				
0.119	24.130	85	4.0	340.0	COUNTY ROADS, CITY STREETS, COMMERCIAL ENTRANCES				
0.119	24.130	45	1.0 45.0		MAILBOX TURNOUTS				
T			TOTAL	745.0					

	MODIFIED COLDMILLING (DEPTH TRANSITIONS)								
					MODIFIED				
LOG	LOG	LENGTH	THICKNESS	WIDTH	COLDMILLING				
MILE	MILE	(FT)	(IN)	(FT)	(SY)	REMARKS			
1.586	1.595	50.00	1.00	22	122	SOUTH OF BEVIER			
1.907	1.917	55.00	1.00	5	31	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE			
3.226	3.234	40.00	1.00	5	22	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE			
3.720	3.729	50.00	1.00	24	133	BRIDGE A8455			
3.740	3.749	50.00	1.00	24	133				
4.258	4.267	50.00	1.00	24	133	RR CROSSING			
4.271	4.280	50.00	1.00	24	133				
4.942	4.950	40.00	1.00	5	22	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE			
8.478	8.487	50.00	1.00	24	133	BRIDGE B0142			
8.497	8.506	50.00	1.00	24	133				
10.906	10.915	50.00	1.00	22	122	RR CROSSING			
10.919	10.928	50.00	1.00	22	122				
14.543	14.558	80.00	1.00	5	44	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE			
22.063	22.072	50.00	1.00	28	156	BRIDGE A2662			
22.161	22.170	50.00	1.00	28	156				
23.000	23.009	50.00	1.00	28	156	NORTH END OF HUNTSVILLE			
				SUBTOTAL	1,751				
				SUBTOTAL	3,633	PAVED ENTRANCES			
				TOTAL	5,384				

	MODIFIED	COLDMI	LLING (DEP	TH TRANSITIONS)
			MODIFIED	
LENGTH	THICKNESS	WIDTH	COLDMILLING	
(FT)	(IN)	(FT)	(SY)	REMARKS
50.00	1.00	22	122	SOUTH OF BEVIER
55.00	1.00	5	31	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE
40.00	1.00	5	22	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE
50.00	1.00	24	133	BRIDGE A8455
50.00	1.00	24	133	
50.00	1.00	24	133	RR CROSSING
50.00	1.00	24	133	
40.00	1.00	5	22	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE
50.00	1.00	24	133	BRIDGE B0142
50.00	1.00	24	133	
50.00	1.00	22	122	RR CROSSING
50.00	1.00	22	122	
80.00	1.00	5	44	TRANSVERSE JOINT MILLING @ CONCRETE ENTRANCE
50.00	1.00	28	156	BRIDGE A2662
50.00	1.00	28	156	
50.00	1.00	28	156	NORTH END OF HUNTSVILLE
		SUBTOTAL	1,751	
		SUBTOTAL	3,633	PAVED ENTRANCES
•		TOTAL	5,384	

COI	LDMILL	ING BIT	UMINOUS P	AVEMENT	FOR REMOVA	AL OF SURFACING (3 IN. THICK OR LESS)
LOG	LOG	LENGTH	THICKNESS	WIDTH	COLDMILLING	
MILE	MILE	(FT)	(IN)	(FT)	(SY)	REMARKS
0.119	0.965	4466.88	1.00	24	11912	BEG PROJECT
0.969	1.042	385.44	1.00	24	1028	EXCEPTION
1.217	1.586	1948.32	1.00	22	4763	SOUTH END OF BEVIER
23.009	23.339	1742.40	1.00	28	5421	
23.339	24.130	4176.48	1.00	24	11137	END PROJECT
				TOTAL	34,261	

			C	ONSTRUCT	ON SIGN	S
S I GN NO .	SIGN	SIZE INCHES	AREA (SQ.FT.)	QUANTITY	TOTAL AREA (SQ.FT.)	DESCRIPTION
1	G020-1	60 X 24	10.00	2	20.00	ROAD WORK NEXT 24 MILES
2	W020-1	48 X 48	16.00	4	64.00	ROAD WORK AHEAD
7	W020-4	48 X 48	16.00	6	96.00	ONE LANE ROAD AHEAD
8	W020-7a	48 X 48	16.00	4	64.00	FLAGGER (SYMBOL) WITH FLAGS
26	G020-2	48 X 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 X 48	16.00	24	384.00	NO CENTER LINE
53	G020-4	36 X 18	4.50	3	13.50	PILOT CAR FOLLOW ME
56	CONST - 7	48 X 24	8.00	2	16.00	RATE OUR WORK ZONE
36	W08-11	48 X 48	16.00	48	768.00	UNEVEN LANES
59	CONST-8	48 X 36	12.00	2	24.00	WORK ZONE NO PHONE ZONE
	G022-1	21 X 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
IDE ROAD PA	CKAGE - NON-ST	TATE ROUTE	- 6 TOTAL			
2	W020-1	48 X 48	16.00	6	96.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	6	96.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	6	96.00	BE PREPARED TO STOP
58	G020-4a	18 X 12	1.50	6	9.00	PILOT CAR IN USE WAIT & FOLLOW
IDE ROAD PA	CKAGE - STATE	ROUTE - 8	TOTAL			
2	W020-1	48 X 48	16.00	8	128.00	ROAD WORK AHEAD
8	W020-7a	48 X 48	16.00	8	128.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 X 48	16.00	8	128.00	BE PREPARED TO STOP
58	G020-4a	42 X 30	8.75	8	70.00	PILOT CAR IN USE WAIT & FOLLOW
				TOTAL	2226	

NOTE: REFER TO STD. PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

MOB	ILIZ	ATION	
1	LUMP	SUM	

TEMPORARY	TRAF	FIC	CONTROL
1	LUMP	SUM	

ITEM NO.	QTY.	DESCRIPTION
-	100	CHANNELIZERS (TRIM-LINE) (INCLUDED IN LUMP SUM)
612-3000A	2 **	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)

** NOT INCLUDED IN MISC. TEMPORARY TRAFFIC CONTROL - LUMP SUM QUANTITY

HIGHWAYS AND TRANSPORTATION [DATE	DESCRIPTION							THIIIIIIII	
SOMMISSION						N	ROI (7	PHON SIGN	
			ВР	PR	J	E	JTE	DAT	PE	TE
			IDO	OJE	JOB	COL		E P	RISTO KN NUI -200	OF
			GE I	СТ	NC 34	TNT,		REP	OPHE IAPP IBEI ISO23	M ,
105 WEST CAPITOL			NO.	NO.	14	Y .	ST	ALLY. ARED	R S.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
JEFFERSON CITY, MO 65102						3	ATE O	,	NATE OF STATES	
1-888-ASK-MODOT (1-888-275-6636)					H		0.		WWW.IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	,

SUMMARY OF QUANTITIES SHEET
SHEET 1 OF 3

		S	TATE/COUNTY ROUTE	JUNCTIONS AND PA	VED ENTRANC	ES
			1" SURFACE LEVELING	TACK COAT	MODIFIED	
LOG		AREA	1.948 TONS/CY	0.10 GAL/ SQ. YD.	COLDMILLING	
MILE	LOCATION	(SQ YD)	(TONS)	(GAL)	(SY)	REMARKS
3.565	RT.	540	29.2	54	540	RTE FF
4.625	LT.	300	16.2	30	300	RTE BB
5.005	RT.	23	1.2	3	23	ASPHALT
5.101	RT.	17	0.9	2	17	ASPHALT
5.159	RT.	56	3.0	6	56	CO RD - HERTZ ST
5.249	RT.	23	1.2	3	23	ASPHALT
9.838	RT.	56	3.0	6	56	RTE T WESTBOUND
9.942	LT.	400	21.6	40	400	RTE T EASTBOUND
9.943	RT.	9	0.5	1	9	ASPHALT
10.218	RT.	45	2.4	5	45	CO RD - GAZELLE ST
13.135	RT.	45	2.4	5	45	ASPHALT
14.436	RT.	630	34.1	63	630	RTE F
14.619	RT.	67	3.6	7	67	CO RD 1170 (NORTH OF DARKSVILLE)
16.977	LT.	39	2.1	4	39	ASPHALT
18.922	LT.	320	17.3	32	320	RTE Z WESTBOUND
18.922	RT.	435	23.5	44	435	RTE Z EASTBOUND
19.113	LT.	50	2.7	5	50	ASPHALT
20.863	LT.	45	2.4	5	45	ASPHALT
21.053	LT.	45	2.4	5	45	ASPHALT
21.859	RT.	415	22.5	42	415	RTE O
22.829	RT.	45	2.4	5	45	ASPHALT
22.969	RT.	28	1.5	3	28	ASPHALT
		SUBTOTAL	196.1	370	3.633	

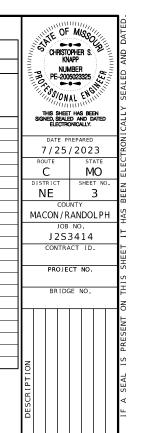
			DURABLE IN	TERSECTIO	N MARKING	
			PREFORMED THERN	MOPLASTIC PA	AVEMENT MARI	KING
		24" WHITE	RAILROAD CROSSING	6" WHITE	30" WHITE	
	LOG	STOP BAR	MARKER	CROSSWALK	MIDBLOCK	
	MILE	(LF)	(EA)	(LF)	(EA)	REMARKS
	0.777	-	-	-	7	
	0.933	-	1	-	-	
	0.961	11	-	-	-	
	0.973	11	-	-	Ī	
	1.039	-	<u>-</u>	-	7	
	1.307	-	<u>-</u>	-	7	
	4.144	-	1	-	-	
	4.258	11	-	-	-	
	4.280	11	-	-	-	
	4.394	-	1	-	-	
_	10.792	-	1	-	-	
:)	10.906	11	-	-	-	
	10.928	11	-	-	-	
	11.042	-	1	-	-	
	23.709	12	-	-	-	
	23.710	-	-	120	-	INCLUDES 2, 60 FT MARKINGS
	23.724	-	-	120	-	INCLUDES 2, 60 FT MARKINGS
	23.725	12	-	-	-	
	23.768	-	-	-	12	
_	TOTAL	90	5	240	33	
	INOTE: PERM	ANENT PAVEMENT	MARKING SHALL BE IN ACCO	RDANCE WITH 62	0.00	

				GUARDRA I L	
			ı		
				TYPE A	
			MGS	CRASHWORTHY	
LOG	LOG		GUARDRAIL	END TERMINAL	
MILE	MILE	LOCATION	(LF)	(EACH)	REMARKS
15.428	15.605	RTE C - LT	835	2	ASSUMING 50' CRASHWORTHY END TERMINALS
16.503	16.579	RTE C - RT	302	2	ASSUMING 50' CRASHWORTHY END TERMINALS
		TOTAL	1,137	4	

		REMOVAL OF IMPROVEMENTS
LOG		
MILE	LOCATION	DESCRIPTION
15.435	RTE C - LT	REMOVE TURN DOWN END SECTION AND GUARDRAIL (937.5')
16.502	RTE C - RT	REMOVE TURN DOWN END SECTION AND GUARDRAIL (412.5')
	1 LUMP SUM	

	SHAPINO	G SLOPES	CLASS III
		SHAPING	
		SLOPES	
LOG		CLASS III	
MILE	LOCATION	(100FT)	REMARKS
15.435	RTE C - LT	10.0	
16.502	RTE C - RT	5.0	
	TOTAL	15.0	
	USE	15	

				PAV	EMENT MARKINGS		
			Ç	STANDARD WATERBORNE P.	AINT, TYPE P BEADS		
			4" YELLOW	4" YELLOW	4" YELLOW	4" WHITE	
			INTERMITTENT	SOLID/INTERMITTENT	DOUBLE SOLID	SOLID	
LOG	LOG		CENTERLINE	CENTERLINE	CENTERLINE	EDGEL I NE	
MILE	MILE	LOCATION	(LF)	(LF)	(LF)	(LF)	REMARKS
22.349	22.549	RTE C		1320			SBL SOLID AND NBL INTERMITTENT
22.549	22.689	RTE C			1478		
22.689	22.849	RTE C		1056			SBL INTERMITTENT AND NBL SOLID
22.849	23.608	RTE C	1002				
23.608	23.709	RTE C			1067		
23.725	23.768	RTE C			454		
23.785	23.848	RTE C			665		
23.848	24.132	RTE C	375				
0.119	0.399	RTE C				2,957	
1.506	24.130	RTE C				238,909	EDGEL INE EVGEDTIONS
0.119	24.130	RTE C				- 1285	EDGELINE EXCEPTIONS
	SUBTOT	AL SHEET 1	7,787	40,395	107,818	0	
	SUBTOT	AL SHEET 2	1,377	2,376	3,664	240,581	
		TOTAL		163,417		240,581	





SUNINARY OF QUANTITIES SHE

STANDARD WITHERDOWN PAINT TYPE PRINCIPAL FOR CONTROL	PAVEMENT MARKINGS							
LOS			_			· · · · · · · · · · · · · · · · · · ·		
LOCATION LIFE CAPTERLINE CAPTERLINE CLT CLT CLT CLT								
MILE COCATION CLF					1			
2 110 2 200			LOCATION					DEMARKS
1				. ,	(LF)	(LF)	(LF)	REMARKS
2.402 1.11 1.12 1.13 1.14 1.15	0.520	0.620	RTE C	323	660			SBL SOLID AND NBL INTERMITTENT
2. 440					937	19642		SBL INTERMITTENT AND NBL SOLID
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,					1056	211		CDI COLID AND NEL INTERMITTENT
4 - 230 51	2.802	4.382	RTE C			16685		
4.950 4.922 0.11					917	412		SBL INTERMITTENT AND NBL SOLID
4 4-1 7-70 REF C	4.560							
3-330 1 5.559 ATT C	4.641	4.701	RTE C		132			SDE SOLID AND NOE INTERMITTENT
\$ 5.50 \$.7.60					660	9060		SBL INTERMITTENT AND NBL SOLID
1.000 1.00	5.659				652	655		
\$ 0.093	5.820	5.899	RTE C					
\$ 0.79					528	1056		SBL SOLID AND NBL INTERMITTENT
2-360	6.079	6.880	RTE C			8459		
7 179 7 338	7.000					422		
7. 318 7. 497 RT F C					917	1468		SBL SOLID AND NBL INTERMITTENT
7. 318 7.738 RTE C	7.318	7.497	RTE C	407	1181	1400		SBL INTERMITTENT AND NBL SOLID
8,966 8,995 RTE C 633 585 RTE C 633 585 SE INTERNITTENT AND MEL SOLID				107	1188			SBL SOLID AND NBL INTERMITTENT
8 993 9 9.076 RT C					653	12017		SRI INTERMITTENT AND NRI SOLID
3.157 9.836 8.352 ATE C	8.995	9.076	RTE C			855		
9.836 9.855 PRT C					535	7170		SBL SOLID AND NBL INTERMITTENT
9.937 9.947 8.745	9.836	9.855	RTE C			201		
10.756 10.760 RTE C								
10,760 10,995 NTE C					1214	6537		SRI INTERMITTENT AND NRI SOLID
11.095 13.314 AFT C 2929	10.760	10.995	RTE C		1551			SBL SOLID AND NBL INTERMITTENT
13.47 13.914 ATE C				2929	660			SBL INTERMITTENT AND NBL SOLID
13,912 14,074 ATE C 343 SBL 10758 SBL 10758 THE SAIL PARK SDL 10 14,074 14,074 14,074 14,074 14,074 14,074 14,074 14,070 14,0					1063	4636		SBL SOLID AND NBL INTERMITTENT
14.342 14.44 RTE C	13.914	14.074	RTE C		1056	4030		SBL INTERMITTENT AND NBL SOLID
14.44 14.45 14.45 18.65 257 257 258 SSL SOLID AND NBL INTERMITTENT 14.470 14.652 RTE C 112 258 SOLID AND NBL INTERMITTENT 14.470 14.652 RTE C 1320 258 SOLID AND NBL INTERMITTENT 14.652 RTE C 1320 258 SOLID AND NBL INTERMITTENT 15.251 15.253 RTE C 1201 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1201 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1700 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1700 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1700 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1700 258 SOLID AND NBL INTERMITTENT 15.254 RTE C 1700 2724 2				343	528			SBL SOLID AND NBL INTERMITTENT
14.452 14.652 RTE C								
14.852 15.211	14.470	14.652	RTE C			1922		
15.211 15.393 RTE C				474	1320			SBL INTERMITTENT AND NBL SOLID
15.544 15.814	15.211	15.393	RTE C		1201	1700		SBL SOLID AND NBL INTERMITTENT
16.613					1716	1700		SBL INTERMITTENT AND NBL SOLID
16.871 RTE C				766	1445			SRI SOLID AND NRI INTERMITTENT
17, 071 17, 171 RTE C 132 851 851 2239 851 17, 300 17, 512 RTE C 1452 851 1452 851 17, 300 17, 512 RTE C 1452 851 17, 320 17, 321 RTE C 263 71, 321 RTE C 851 SOLID AND NBL INTERMITTENT RIS 132 RTE C 851 RITERMITTENT AND NBL SOLID RIS 142 RTE C 851 RITERMITTENT AND NBL SOLID RIS 142 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RTE C 851 RITERMITTENT AND NBL SOLID RIS 143 RITERMITTENT AND NBL SOLID RIS 145 RITERMITTENT AND NBL SOLID RIS 145 RITERMITTENT AND NBL SOLID RITERMITTENT AND NBL SOLID RIS 145 RITERMITTENT AND NBL SOLID RITERMITTE	16.613	16.871	RTE C			2724		
17. 300 17. 512 RTE C				132	1320			SBL INTERMITTENT AND NBL SOLID
17.512 17.732 RTE C 263 263 263 263 264 265 26					851	2239		SBL SOLID AND NBL INTERMITTENT
17.931 18.132 RTE C	17.512	17.732	RTE C	262	1452	2233		SBL INTERMITTENT AND NBL SOLID
18.132 18.172 RTE C 1584 1584 SBL INTERMITTENT AND NBL SOLID				263	1327			SBL SOLID AND NBL INTERMITTENT
18.412 18.593			RTE C			422		
18.992 18.913 RTE C	18.412	18.593	RTE C	239				
18.913 18.931 RTE C					1313	1278		SBL SOLID AND NBL INTERMITTENT
19.112 19.553	18.913	18.931	RTE C			-		
19.712 19.872	19.112	19.553	RTE C	582				
19.872 20.092 RTE C 290								
20.252 20.433 RTE C 1002	19.872	20.092	RTE C	290				
21.192 21.411 RTE C 1445 SBL SOLID AND NBL INTERMITTENT	20.252	20.433	RTE C					
21.411 21.852				1002	1445			SBL SOLID AND NBL INTERMITTENT
21.872 22.011 RTE C 1468	21.411	21.852	RTE C		2113			SOE SOES AND THE ATTEMPT I LEWI
22.250 22.349 RTE C 131	21.872	22.011	RTE C					
TOTAL SHEET 1 7,787 40,395 107,818 0				131	1577			SBL INTERMITTENT AND NBL SOLID
LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING	22.230				40,395	107,818	0	
	LOG MILE	S ARE APP	ROXIMATE - MA	TCH EXISTING STRIPING	<u> </u>			



DATE THEFAILED					
7/24/2023					
ROUTE	STATE				
С	MO				
DISTRICT	SHEET NO.				
NE	3				
COUNTY					
MACCON / DANIDOL DU					

PROJECT NO.

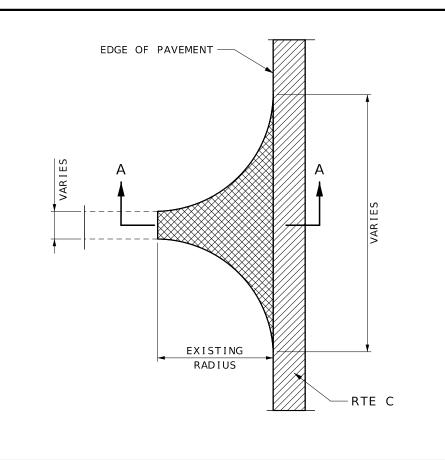
MACON/RANDOLPH

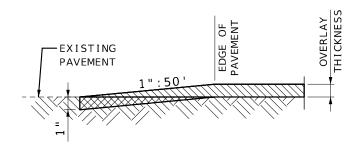
JOB NO.

J 253414

CONTRACT ID.

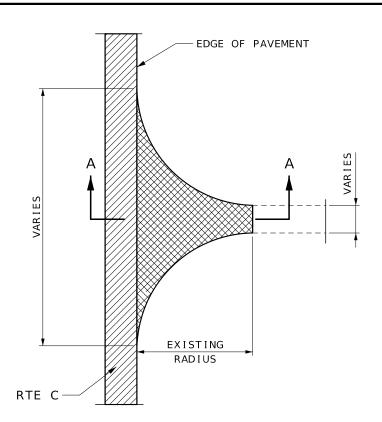
SUMMARY OF QUANTITIES SHEET
SHEET 3 OF 3



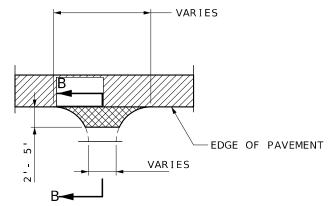


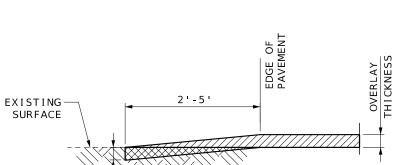
SECTION A-A
TYPICAL STATE/COUNTY ROUTE JUNCTION

* LM 3.565 RT. / RTE FF / 540 SQ YDS * LM 4.625 LT. / RTE BB / 300 SQ YDS * LM 9.942 LT. / RTE T EB / 400 SQ YDS * LM 14.436 RT. / RTE F / 630 SQ YDS * LM 18.922 LT. / RTE Z WB / 320 SQ YDS * LM 18.922 RT. / RTE Z EB / 435 SQ YDS * LM 21.859 RT. / RTE O / 415 SQ YDS









SECTION B-B
TYPICAL ASPHALT ENTRANCE OR SIDE ROAD
(COUNTY ROADS, CITY STREETS AND
PRIVATE OR COMMERCIAL ENTRANCES)

LEGEND



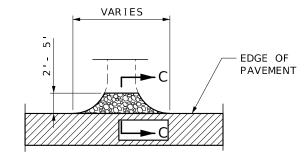
GRAVEL OR CRUSHED STONE

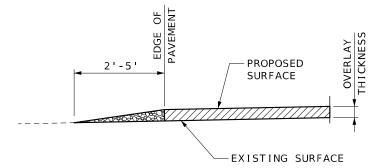


OVERLAY



MODIFIED COLDMILLING

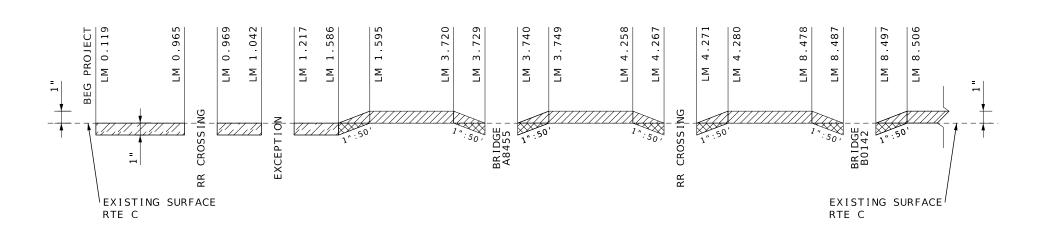


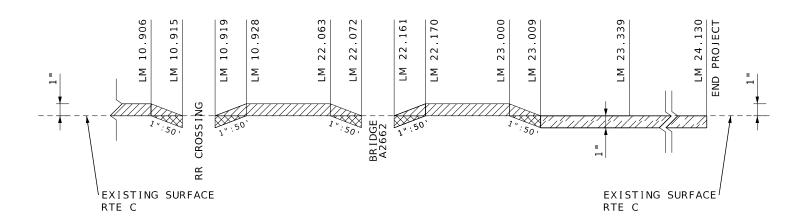


SECTION C-C TYPICAL AGGREGATE ENTRANCE (FIELD, PRIVATE, COMMERCIAL ENTRANCES, COUNTY ROADS AND CITY STREETS)



PECIAL SHEET
SHEET 1 OF 4





LONGITUDINAL TRAVELWAY DEPTH TRANSITION

LEGEND



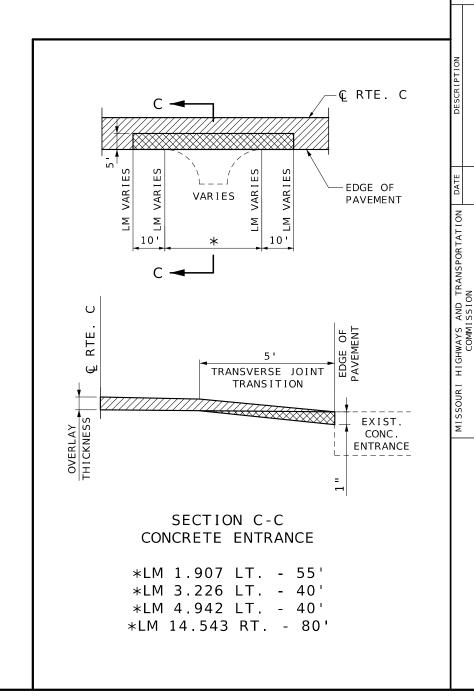
OVERLAY



MODIFIED COLDMILLING



COLDMILL AND OVERLAY



THIS SHEET HAS BEEN SIGNED, SEALED AND DATE

7/24/2023

COUNTY
MACON/RANDOLPH
JOB NO.
J2S3414
CONTRACT ID.

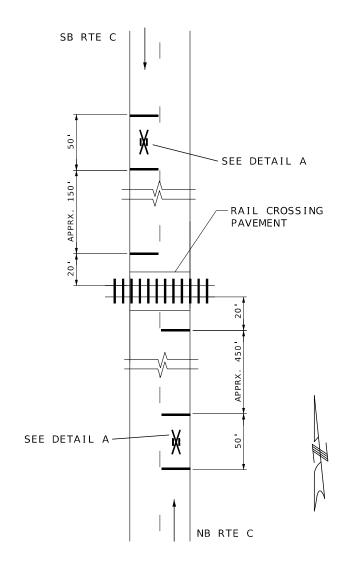
PROJECT NO.

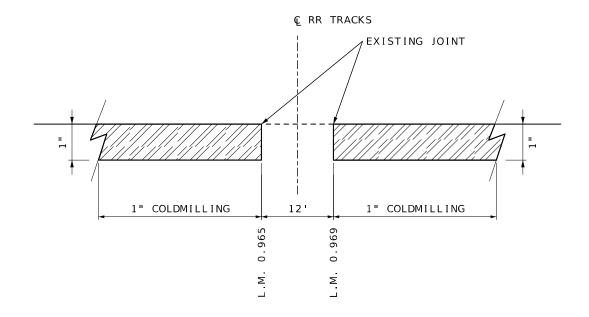
STATE

SHEET NO

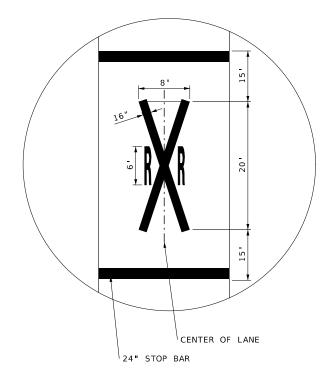
ROUTE C

DISTRICT NE



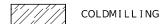


BNSF RAILROAD
BROOKFIELD SUBDIVISION MP 75.36
DOT NUMBER 078161N
R.R. CROSSING EXCEPTION
LOG MILE 0.967



DETAIL A

LEGEND

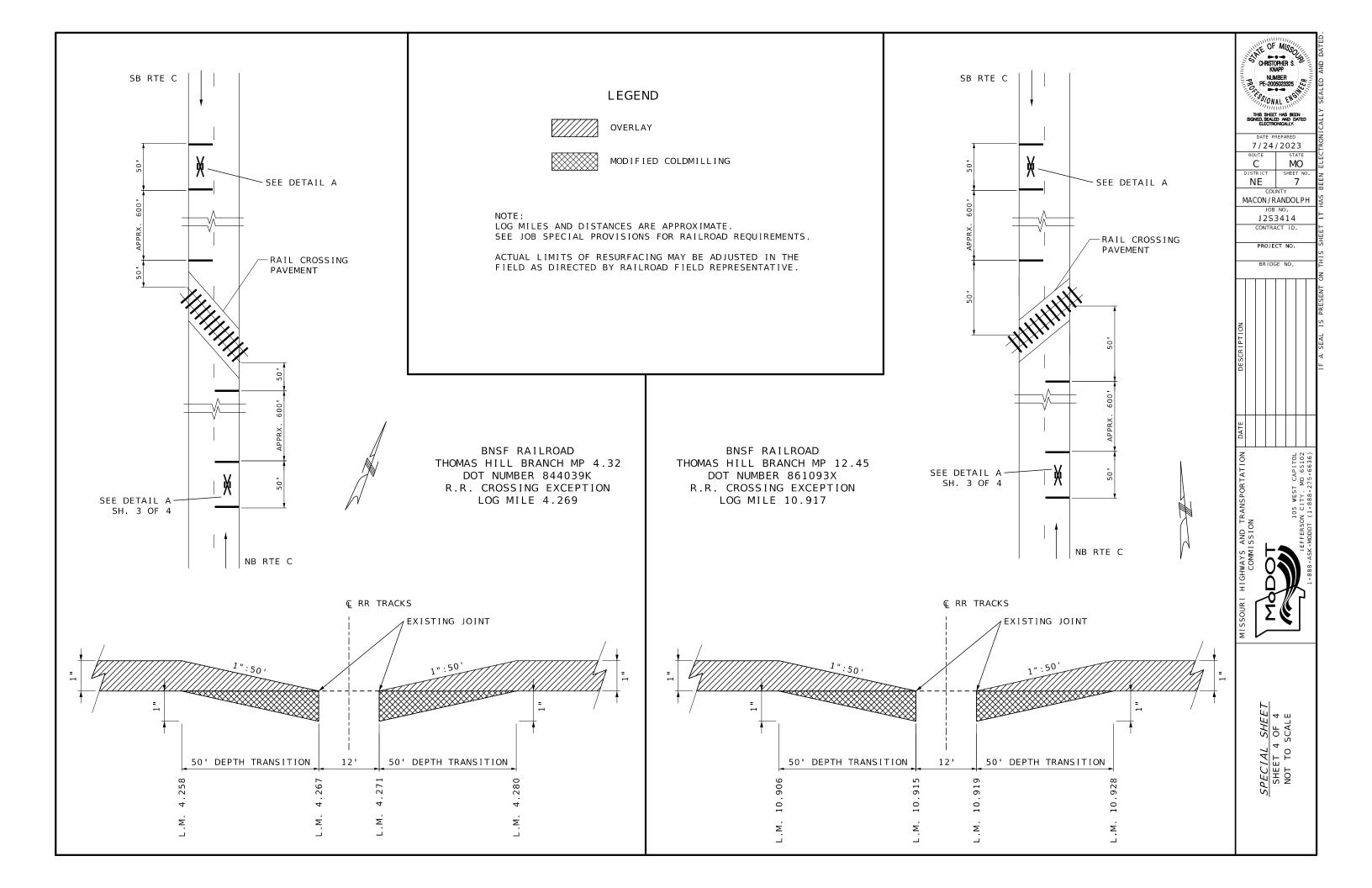


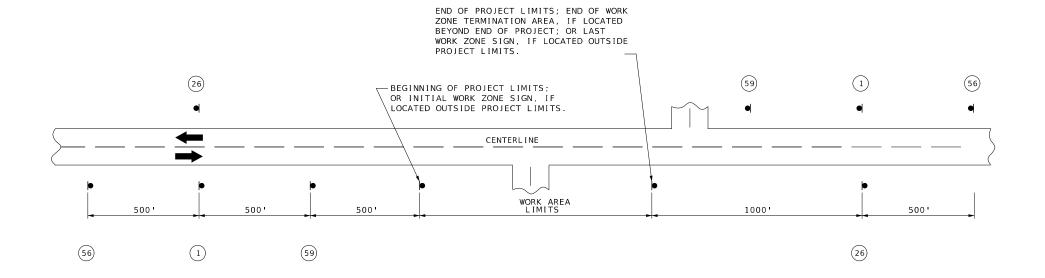
NOTE: LOG MILES AND DISTANCES ARE APPROXIMATE. SEE JOB SPECIAL PROVISIONS FOR RAILROAD REQUIREMENTS.

ACTUAL LIMITS OF RESURFACING MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY RAILROAD FIELD REPRESENTATIVE.

7/24/2023 С MO NE MACON/RANDOLPH JOB NO.
J2S3414
CONTRACT ID. PROJECT NO. BRIDGE NO.

SHEET 3 OF 4





NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

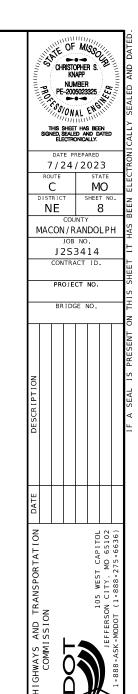
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



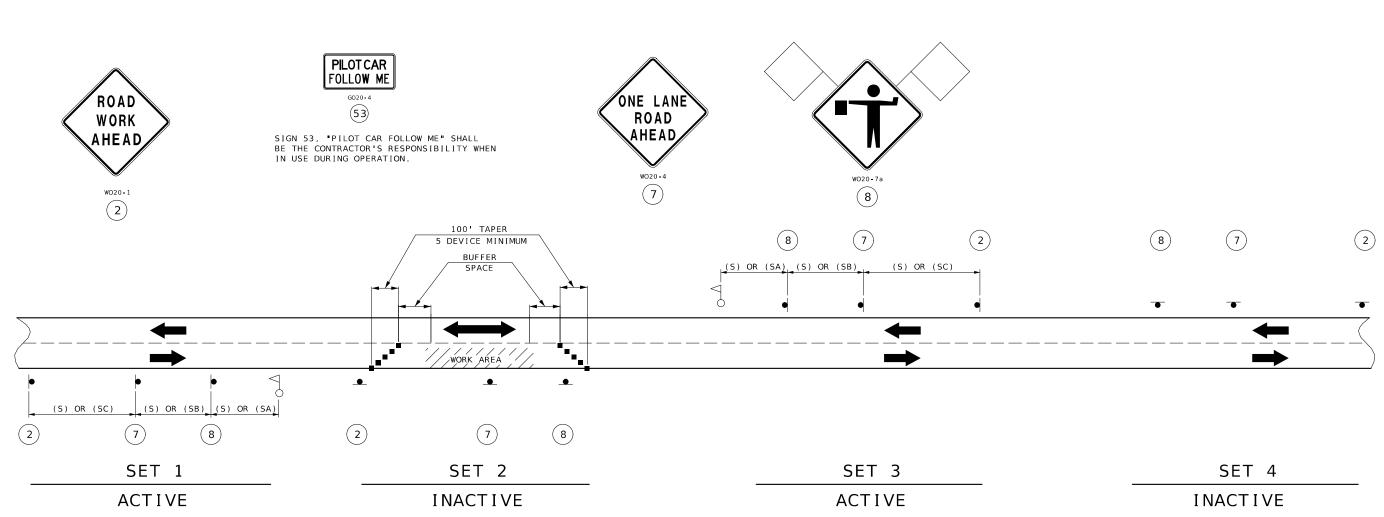








TEMPORARY TRAFFIC CONTROL
DURATION OF PROJECT
SHEET 1 OF 5
NOT TO SCALE



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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

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

- CHANNELIZERS

- FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

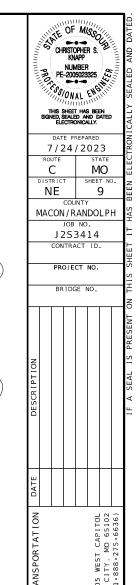
SPEED	SIGN SPACING (FT.) (1)			
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)		
0-35	200	200		
40-45	350	500		
50-55	500	1000		
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640		

NOTES:

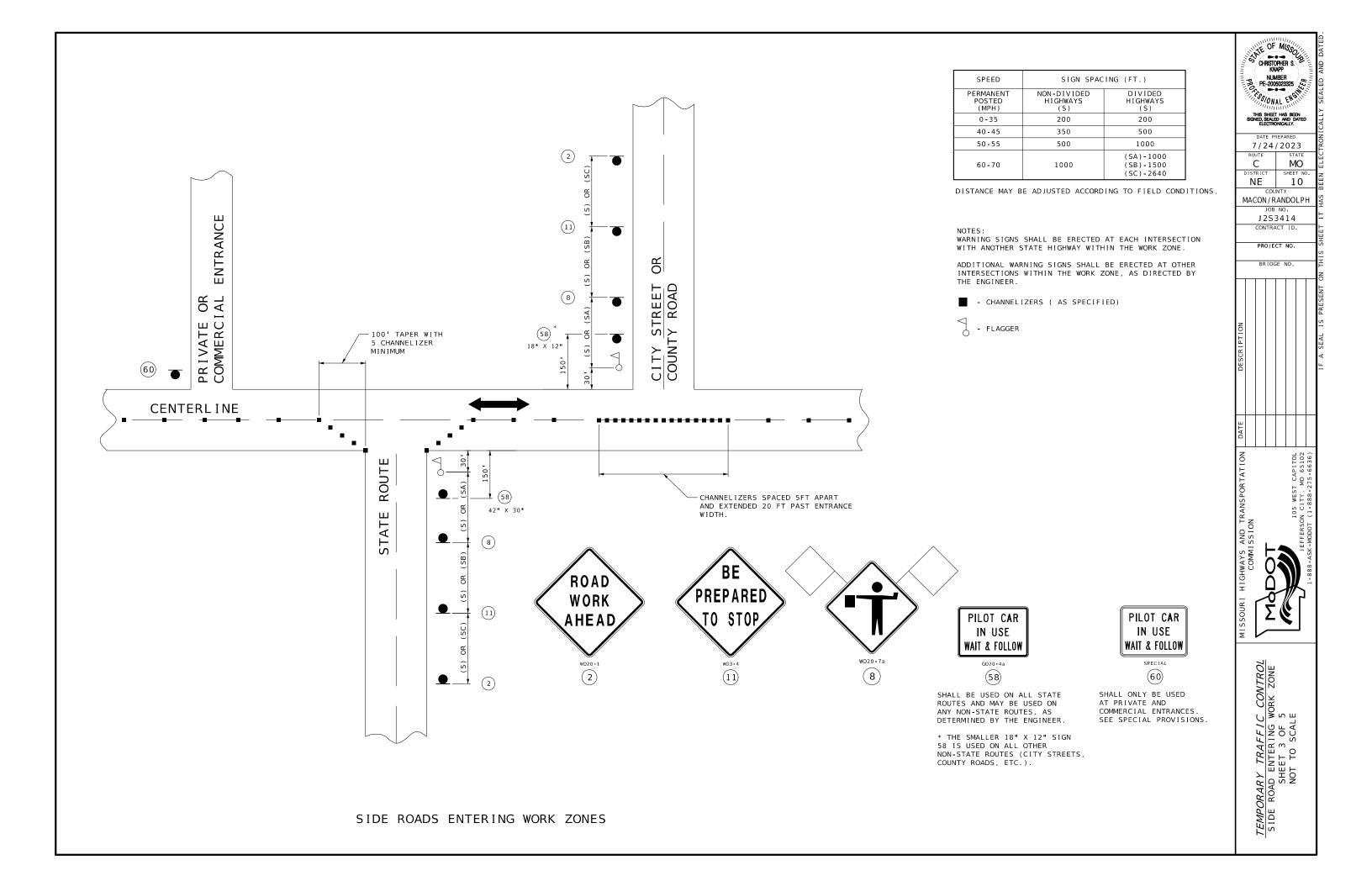
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED

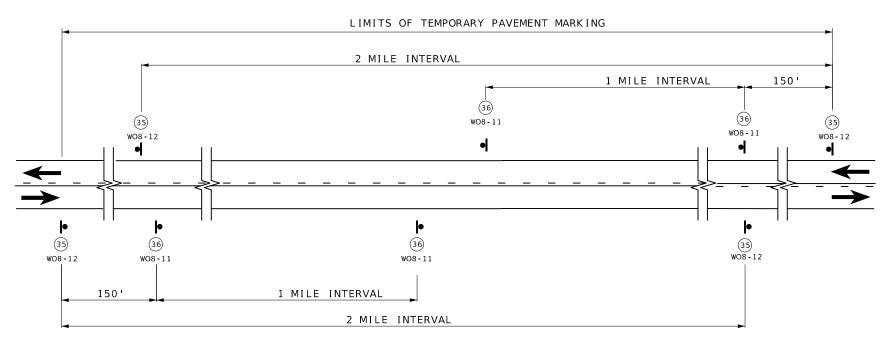
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

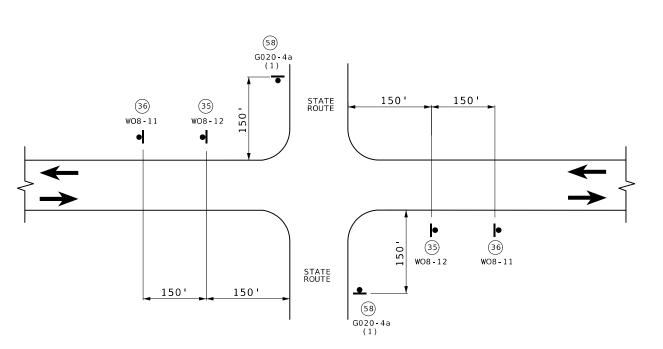


TEMPORARY TRAFFIC CONTROL LANE CLOSURE ON TWO-LANE HIGHWAN SHEET 2 OF 5 NOT TO SCALE



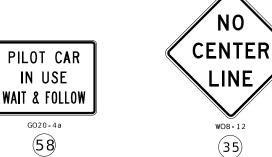


SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.





NOTES:

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

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

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



TEMPORARY TRAFFIC CONTROL
TEMPORARY PAVEMENT MARKING DETAIL
SHEET 4 OF 5
NOT TO SCALE

