DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW R/W TO BE ACQUIRED

CONVENTIONAL SYMBOLS

(OSED IN LEANS	,	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000 0000 171 171	····
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FOOTVUTV OT UT OE UE SS G W	-OTV
MANHOLE	SAN HYD	\ni
FIRE HYDRANT	WV	3
WATER VALVE	wv.	€
WATER METER	₽‴	€
DROP INLET	, E	
DITCH BLOCK	=	₽
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK	PED\	='
WOVEN WIRE GATE POST	——> > BM	
BENCHMARK	ВМ	a

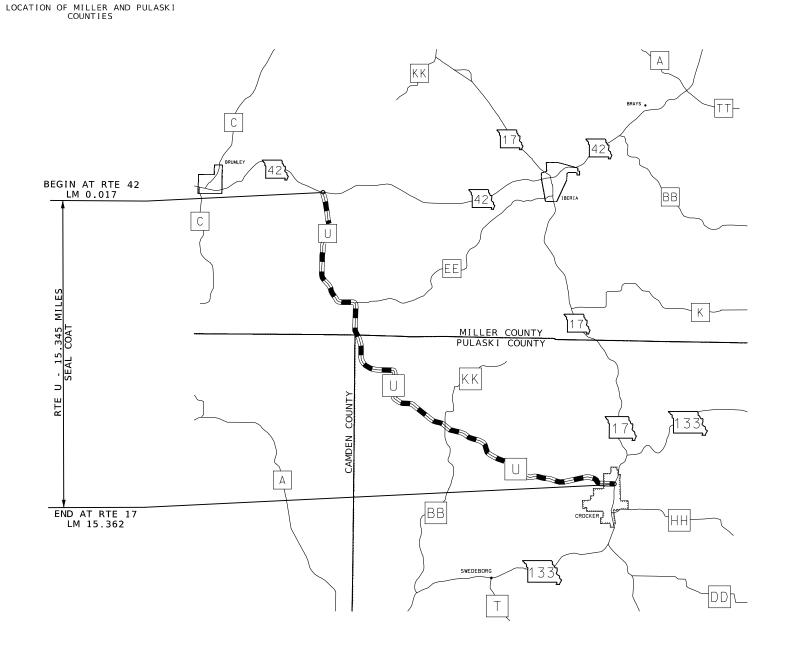
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

MILLER/PULASKI COUNTY





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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4
TRAFFIC CONTROL SHEETS (TC)	5 - 9

OF MgSO RYAN JOSEPH LIBBERT NUMBER PE-200019679 PF-200019679 RYAN JOSEPH LIBBERT - CIVIL MAN JOSEPH LIBBERT - CIVIL						
	REPARED / 2025					
ROUTE	STATE					
U	MO					
U DISTRICT CD	MO SHEET NO.					
U DISTRICT CD	MO SHEET NO. 1					
U DISTRICT CD COU MILLER/	MO SHEET NO. 1 NTY PULASK I					
U DISTRICT CD COU MILLER/	MO SHEET NO. 1 NTY PULASK I					
U DISTRICT CD COU MILLER/	MO SHEET NO. 1 NTY PULASK I					
U DISTRICT CD COU MILLER/ JOB J CD(MO SHEET NO. 1 NTY PULASK I					
U DISTRICT CD COU MILLER/ JOB J CD(CONTRA	MO SHEET NO. 1 NTY PULASK I NO. 0147 CCT ID.					
U DISTRICT CD COU MILLER/ JOB J CD(CONTRA	MO SHEET NO. 1 NTY PULASK I NO.) 1 4 7					
U DISTRICT CD COU MILLER/ JOB J CD(CONTRA	MO SHEET NO. 1 NTY PULASK I NO. 0147 CCT ID.					



LENGTH OF PROJECT

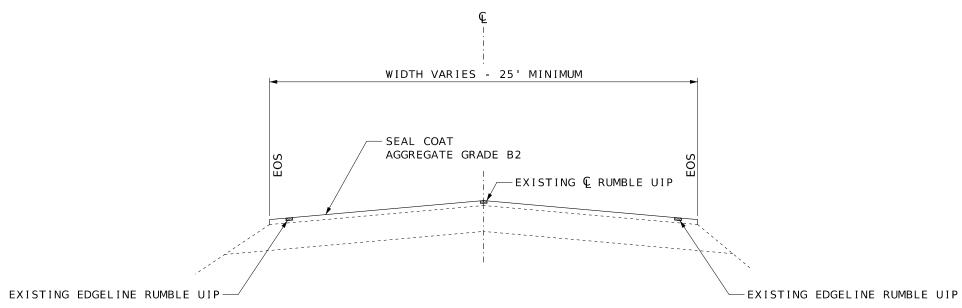
RTE. U (MILLER/PULASKI	COUNTY)
BEGINNING OF PROJECT	L.M. 0.017
END OF PROJECT	L.M. 15.362
APPARENT LENGTH	81021.60 FEET
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	81021.60 FEET
STATE LENGTH	15 345 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

TITLE SHEE"

0 ACRES

MILLER COUNTY ROUTES



ROUTE U
TYPICAL SECTION
LOG MILE 0.017 TO 15.362

OF M/S

RYAN JOSEPH

LIBERT

NUMBER

PE-2006019679

6051772025 734-03 AM

RYAN JOSEPH LIBERT

RYAN JOSEPH

DATE PREPARED 6 / 5 / 2025

ROUTE STATE
U MO
DISTRICT SHEET NO
CD 2

COUNTY MILLER/PULASK

JOB NO.
JCD0147
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NA DATE DESCRIPTION

DESCRIPTION

10.1

ISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MADOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

TYPICAL SECTION SHEET 1 OF 1

PAVEMENT MARKING REMOVAL								
APPROX			QTY					
LOG MILE	LOCATION	ITEM	LF	REMARKS				
15.359	ROUTE U	PREFORMED THERMOPLASTIC 24" WHITE STOP BAR	35.0	TWO STOP BARS AT INTERSECTION				
15.359	ROUTE U	PREFORMED THERMOPLASTIC 6" WHITE CROSS WALK	129.00	CROSS WALK LINES AT INTERSECTION				
		TOTAL	164.0					
		USE	164					

MOB	ILIZ	ATION	
1	LUMP	SUM	

						SEAL COAT,	GRADE B2	- ROUTE U
						MODIFIED		
						SEAL COAT	EMULSIFIED	
LOG MILE	LOG MILE		LENGTH	WIDTH	AREA	AGG. B2	ASPHALT	REMARKS
FROM	TO	LOCATION	FT.	FT.	SQ FT	SQYD	GAL	NEIMANNS
0.017	0.023	ROUTE U	31 68	VARIES	960.0	106.7	29.9	INTERSECTION AREA START OF PROJECT RTE U - APPROX. 106.67 SQ. YDS.
0.023	0.625	ROUTE U	3178.56	25	79464.0	8829.3	2472.2	THE RESECTION MEN START OF TROSECT RIE 0 - AFTROX. 100.07 SQ. 105.
0.625	2.125	ROUTE U	7920.00	26	205920.0	22880.0	6406.4	
2.125	4.625	ROUTE U	13200.00	25	330000.0	36666.7	10266.7	
4.625	9.583	ROUTE U	26178.24	26	680634.2	75626.0	21175.3	
9.583	10.005	ROUTE U	2228.16	27	60160.3	6684.5	1871.7	
10.005	11.038	ROUTE U	5454.24	26	141810.2	15756.7	4411.9	
11.038	11.749	ROUTE U	3754.08	27	101360.2	11262.2	3153.4	
11.749	12.974	ROUTE U	6468.00	26	168168.0	18685.3	5231.9	
12.974	13.357	ROUTE U	2022.24	27	54600.5	6066.7	1698.7	
13.357	15.000	ROUTE U	8675.04	26	225551.0	25061.2	7017.1	
15.000	15.345	ROUTE U	1821.60	25	45540.0	5060.0	1416.8	
15.345	15.362	ROUTE U	89.76	VARIES	5925.0	658.3	184.3	INTERSECTION AREA END OF PROJECT ROUTE U - APPROX. 658.33 SQ. YDS.
4.105	4.105	ROUTE U	VARIES	VARIES	4934.52	548.28	153.52	ROUTE U AND ROUTE EE INTERSECTION AREA - APPROX. 548.28 SQ. YDS.
9.581	9.581	ROUTE U	VARIES	VARIES	6466.95	718.55	201.19	ROUTE U AND ROUTE BB AND ROUTE KK INTERSECTION AREA - APPROX. 718.55 SQ. YDS.
					TOTAL	234610.43	65691.01	
USE 2346					USE	234610	65691	

06/17/2025/734/21 AM RYAN JOSEPH LIBBERT - CI M ODE-20006198/79 DATE PREPARED 6 / 5 / 2025 ROUTE CTATE DISTRICT COUNTY
MILLER/PULASK I
JOB NO.
JCD0147
CONTRACT ID. PROJECT NO.

> QUANTITY SHEET SHEET 1 OF 2

				I	PAVEMENT MAI	RKING		
				CLASS 1 P PAINT, TYP		1	THERMOPLASTIC CTION MARKING	
				4"	4"	24" WHITE	6" WHITE	
LOG MILE	LOG MILE	LOCATION	LENGTH	YELLOW	l white	STOP BAR	CROSS WALK LINE	
FROM	ТО		(FT)	LF	LF.	LF	LF	REMARKS
0.017	0.173	ROUTE U	824	1648.0	1648.0			NO PASS
0.173	0.334	ROUTE U	850	1062.5	1700.0			SB LANE CAN PASS, NB CANNOT
0.334	0.494	ROUTE U	845	211.3	1690.0			BOTH LANES CAN PASS
0.494	0.634	ROUTE U	739	923.8	1478.0			NB LANE CAN PASS, SB CANNOT
0.634	3.669	ROUTE U	16025	32050.0	32050.0			NO PASS
3.669	3.809	ROUTE U	739	923.8	1478.0			SB LANE CAN PASS, NB CANNOT
3.809	3.930	ROUTE U	639	159.8	1278.0			BOTH LANES CAN PASS
3.930	4.029	ROUTE U	523	653.8	1046.0			NB LANE CAN PASS, SB CANNOT
4.029	4.612	ROUTE U	3078	6156.0	6156.0			NO PASS
4.612	4.752	ROUTE U	739	923.8	1478.0			SB LANE CAN PASS, NB CANNOT
4.752	4.912	ROUTE U	845	1056.3	1690.0			NB LANE CAN PASS, SB CANNOT
4.912	7.076	ROUTE U	11426	22852.0	22852.0			NO PASS
7.076	7.196	ROUTE U	634	792.5	1268.0			SB LANE CAN PASS, NB CANNOT
7.196	7.296	ROUTE U	528	132.0	1056.0			BOTH LANES CAN PASS
7.296	7.455	ROUTE U	840	1050.0	1680.0			NB LANE CAN PASS, SB CANNOT
7.455	8.374	ROUTE U	4852	9704.0	9704.0			NO PASS
8.374	8.554	ROUTE U	950	1187.5	1900.0			SB LANE CAN PASS, NB CANNOT
8.554	8.614	ROUTE U	317	79.3	634.0			BOTH LANES CAN PASS
8.614	8.847	ROUTE U	1230	1537.5	2460.0			NB LANE CAN PASS, SB CANNOT
8.847	9.954	ROUTE U	5845	11690.0	11690.0			NO PASS
9.954	10.060	ROUTE U	560	700.0	1120.0			NB LANE CAN PASS, SB CANNOT
10.060	12.195	ROUTE U	11273	22546.0	22546.0			NO PASS
12.195	12.315	ROUTE U	634	792.5	1268.0			NB LANE CAN PASS, SB CANNOT
12.315	13.816	ROUTE U	7925	15850.0	15850.0			NO PASS
13.816	14.016	ROUTE U	1056	1320.0	2112.0			SB LANE CAN PASS, NB CANNOT
14.016	14.276	ROUTE U	1373	343.3	2746.0			BOTH LANES CAN PASS
14.276	14.437	ROUTE U	850	1062.5	1700.0			NB LANE CAN PASS, SB CANNOT
14.437	15.345	ROUTE U	4794	9588.0	9588.0			NO PASS
15.345	15.362	ROUTE U	90	128.0		35.0	129.0	END OF ROUTE U INTERSECTION AREA
			TOTAL	147124.2	161866.0	35.0	129.0	
			USE	147124	161866	35	129	

NOTE: ALL PAVEMENT MARKING TO MATCH EXISTING UNLESS OTHERWISE SHOWN IN THE PLANS. LOCATE BEFORE SEAL COAT.

	CONSTRUCTION SIGNING								
				TOTAL	SIGN				
	SIZE	AREA	QTY	AREA	NUM.				
SIGN	IN.	SQ FT	EACH	SQ FT					
	WA	RNING SIC	SNS			DESCRIPTION			
WO8 - 11	48X48	16	32	512	57	FRESH OIL			
WO8 - 12	48X48	16	18	288	35	NO CENTER LINE			
WO20 - 1	48X48	16	9	144	2	ROAD WORK AHEAD			
WO20-4	48X48	16	5	80	7	ONE LANE ROAD AHEAD			
WO20-7a	48X48	16	9	144	8	FLAGGER (SYMBOL, WITH FLAGS)			
W03-4	48X48	16	5	80	11	BE PREPARED TO STOP			
GO22 - 1	21X15	2.19	2	4.38		WET PAINT (ARROW PIVOTS)			
	G	UIDE SIGN	IS						
GO20 - 1	60X24	10	2	20	1	ROAD WORK NEXT XX MILES 2@15			
GO20 - 2	48X24	8	2	16	26	END ROAD WORK			
GO20 - 4	36X18	4.5	1	4.5	53	PILOT CAR FOLLOW ME			
GO20-4a	42X30	8.75	2	17.5	58	PILOT CAR IN USE WAIT & FOLLOW			
GO20-4a	18X12	1.5	8	12	58	PILOT CAR IN USE WAIT & FOLLOW			
MISCELLANEOUS SIGNS									
CONST-8	48X36	12	2	24	59	WORK ZONE NO PHONE ZONE			
CONSTR	RUCTION SIGN:	S TOTAL		1347					

- * IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- ** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY THE ENGINEER.
- *** FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT AND AT ONE MILE INTERVALS. SIGNS SHOULD ALSO BE INSTALLED AFTER THE INTERSECTION OF A STATE ROUTE. ADDITIONAL SIGNS MAY BE INSTALLED AFTER OTHER INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

NOTE:

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

ADDITIONAL CONSTRUCTION ITEMS							
ITEM							
NO.	QUANTITY	DESCRIPTION					
616-10.25	172	CHANNELIZERS (TRIM-LINE)					
616-1098A	2	"CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED."					

SUMMARY OF QUANTITIES
SHEET 2 OF 2

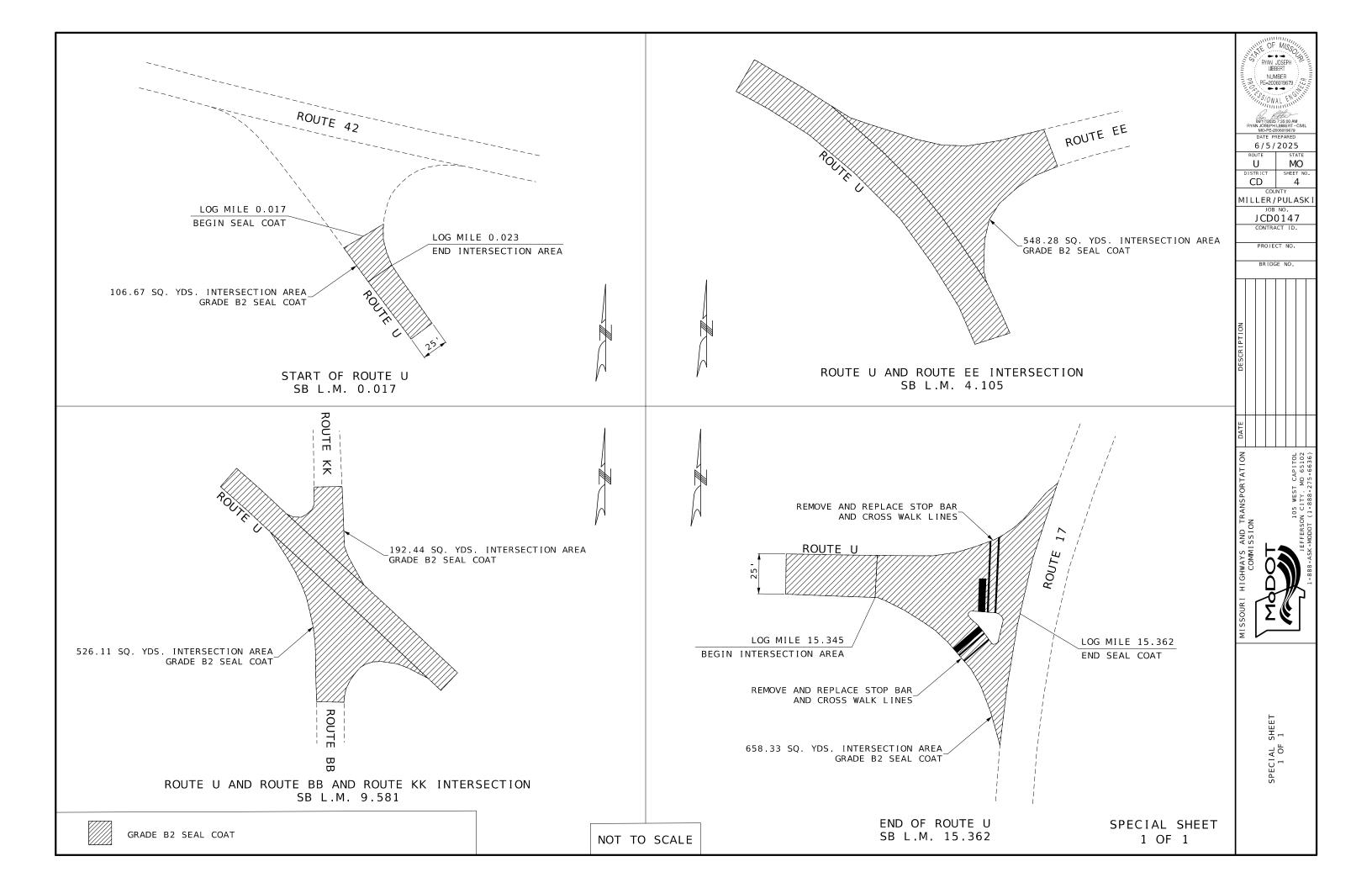
RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/5/2025 U MO SHEET NO. CD 3 MILLER/PULASK JCD0147 PROJECT NO. BRIDGE NO.

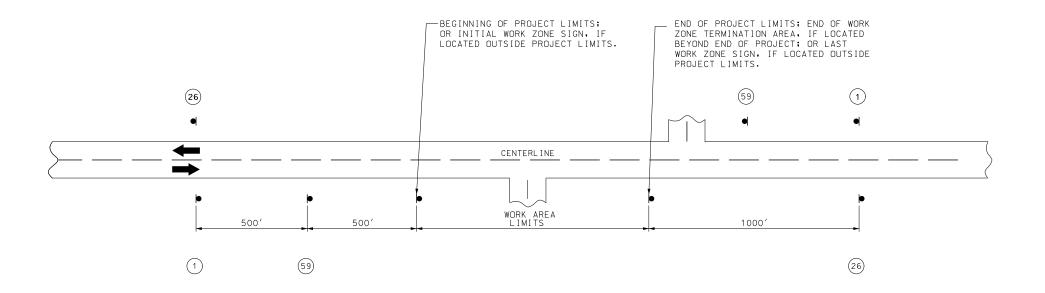
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UANTITY SHEET SHEET 2 OF 2





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.



XX = 15 MILES FOR U

OF M/s

RYAN JOSEPH

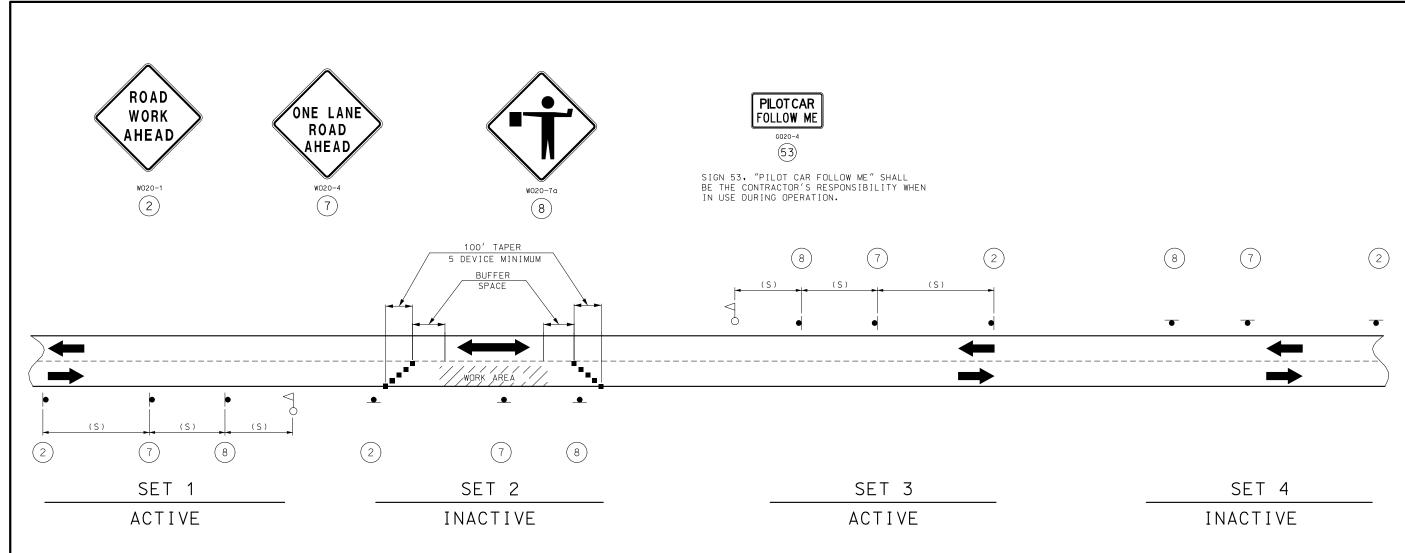
LIBBERT

NUMBER

PE -2006019679 6/5/2025 U MO SHEET NO. CD 5 MILLER/PULASK JCD0147 CONTRACT ID. PROJECT NO. BRIDGE NO.

> TRAFFIC CONTROL SHEET 1 OF 5

TRAFFIC CONTROL SHEET 1 OF 5



NOTES

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

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

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

- CHANNELIZERS

- FLAGGER

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

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

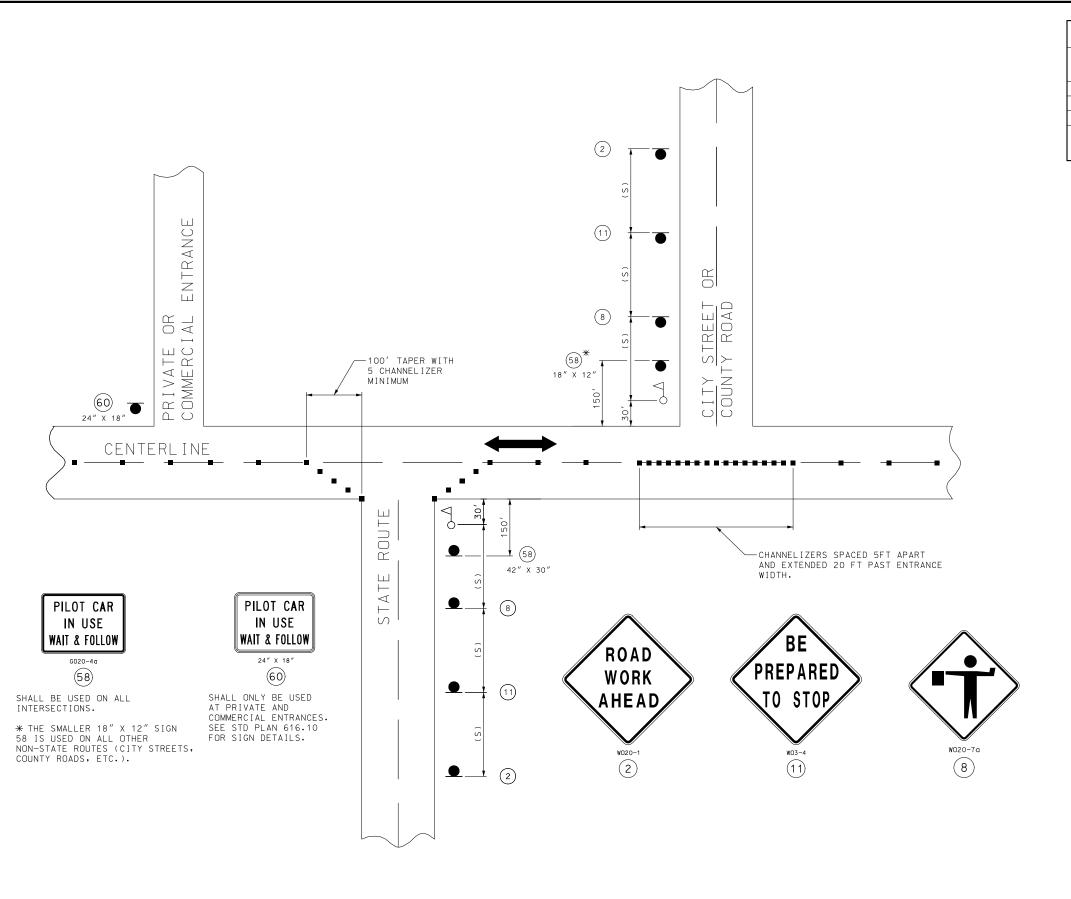
SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

TRAFFIC CONTROL SHEET 2 OF 5

RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/5/2025 U MO SHEET NO 6_ CD MILLER/PULASK JCD0147 CONTRACT ID. PROJECT NO. BRIDGE NO.

CONTROL SHEET
2 OF 5

TRAFF1C



SIDE ROADS ENTERING WORK ZONES

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

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

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

- CHANNELIZERS (AS SPECIFIED)

- FLAGGER

NOT TO SCALE

RYAN JOSEPH LIBBERT NUMBER PE-2006019679 6/5/2025 U MO CD

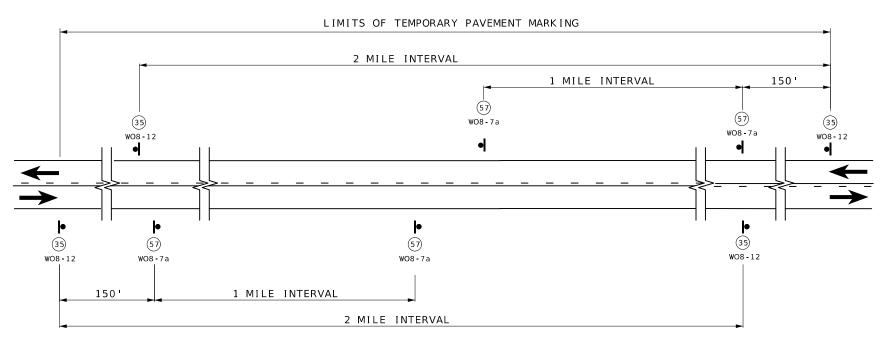
SHEET NO 7

MILLER/PULASK JCD0147 CONTRACT ID.

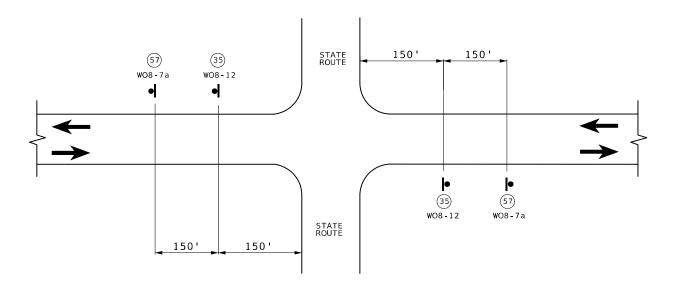
> PROJECT NO. BRIDGE NO.

CONTROL 3 OF 5 TRAFFIC

TRAFFIC CONTROL SHEET 3 OF 5



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE





(57)

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 5

NUMBER PE-2006019679 6/5/2025 U MO SHEET NO CD 8 MILLER/PULASK JCD0147 PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 4 OF 5

