DESIGN DESIGNATION

A.A.D.T. - 2021 = VARIOUS

A.A.D.T. - 2041 = VARIOUS

D.H.V. = VARIOUS %

T = VARIOUS %

V = VARIOUS M.P.H. D = VARIOUS %

FUNCTIONAL CLASSIFICATION-VARIOUS

NO ADDITIONAL RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS

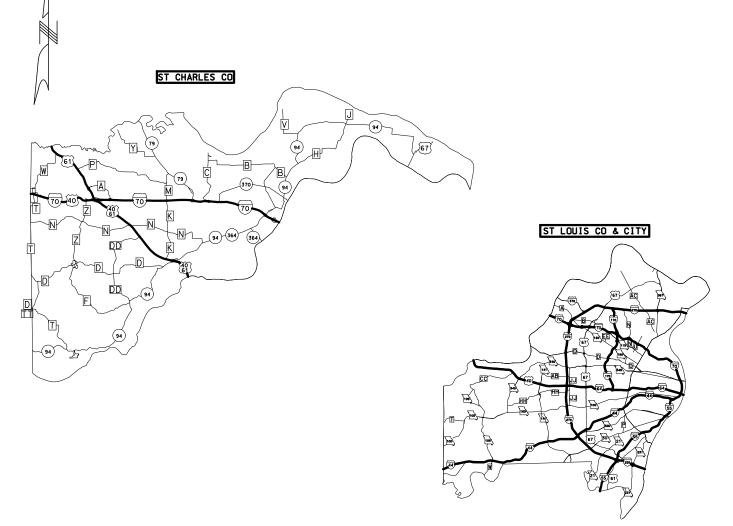
(OSED IN LEANS	, ,	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000	••••• ••••
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	-FO- -OTV- -UTV- -OT- -UT- -OE- -UE- -S- -SS- -G-	-F0- -OTV- -UTV- -OT- -OE- -UE- -S- -SS- -G- -W
MANHOLE	SAN)
FIRE HYDRANT	WV]
WATER VALVE	"" C	€
WATER METER	D)
DROP INLET	Ĩ	
DITCH BLOCK	- =	₽
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED \ \ \	<u>'</u>
BENCHMARK	⊗	9

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

ST. CHARLES AND ST. LOUIS COUNTIES AND ST. LOUIS CITY



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NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
QUANTITIES (QU) (4 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-8

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DATE PREPARED 8/3/2021								
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DATE								

PROJECT DESCRIPTION:
INSTALL TRAFFIC SIGNAL
RETROREFLECTIVE
BACKPLATES

ON VARIOUS ROADWAYS



TITLE SHEET

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

0.0 ACRES

		RETROREFLECT	IVE BACKPLAT	ES ST.	LOUIS C	ITY		
TRAVELWAY ID	ROUTE	CROSS STREET	COUNTY NAME	LOG	CNTY LOG	POSTED SPEED	COMMENTS	# OF HEADS
256012	RT H	RIVERVIEW	ST. LOUIS CITY	3.566	3.566	40	ALL APPROACHES, INCLUDING GREEN ARROW	5
9	IS 70	TUCKER/CASS	ST. LOUIS CITY	292.703	9.373	40	PLACE ON HEADS OVER OFF RAMP	2
9	IS 44	WASHINGTON	ST. LOUIS CITY	292.010	8.680	35	ALL APPROACHES	8
9	IS 44	WALNUT	ST. LOUIS CITY	291.599	8.269	55	PLACE ON HEADS FOR RAMP NEAR OLD CATHEDRAL	2
13	IS 55	LAFAYETTE-TRUMAN PKWY	ST. LOUIS CITY	1.479	1.479	40	PLACE ON HEADS OVER OFF RAMP	2
256012	RT H	ADELAIDE	ST. LOUIS CITY	7.118	7.118	40	MAINLINE ONLY	4
256012	RT H	GIMBLIN	ST. LOUIS CITY	4.428	4.428	40	MAINLINE ONLY	4
256012	RT H	RIVERFRONT TRAIL NORTH	ST. LOUIS CITY	0.416	0.416	40	MAINLINE ONLY, MAST ARM AND POST	4
256012	RT H	RIVERFRONT TRAIL SOUTH	ST. LOUIS CITY	1.305	1.305	40	MAINLINE ONLY, MAST ARM AND POST	4
							SUBTOTAL	35

RETROREFLECTIVE	BACKPLAT	ES TOTALS
COUNTY	COMMENTS	# OF HEADS
ST. LOUIS CITY		35
ST, LOUIS COUNTY		214
ST, CHARLES COUNTY		147
	PAY TOTAL	396

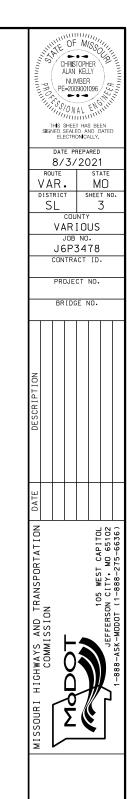
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PAY TOTAL = 1 LUMP SUM	

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MISSOURI HIGHWAYS AND TRANSPORTATION	DATE	DESCRIPTION					D			-	WWWWITH.	
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JEFFERSON CITY, MO 65102							10 T NO 3	ATE		EN	(A) 33	
1-888-ASK-MODOT (1-888-275-6636)							٠.)	11.	THILLIAM WITH	

QUANTITY SHEET SHEET 1 OF 4

	KE.	TROREFLECTIVE BACKPL	AIES SI. L	0012 (JUNIY			
TRAVELWAY ID	ROUTE	CROSS STREET	COUNTY NAME	LOG	CNTY LOG	POSTED SPEED	COMMENTS	# OF HEADS
6143	MO 366	GEYER	ST. LOUIS	0.848	0.848	50	EAST BOUND APPROACH ONLY	2
6256	MD 231	BECKER-TOLLGATE	ST. LOUIS	8.112	8.112	45	NORTH BOUND APPROACH ONLY	2
6256	MD 231	CHRISTOPHER	ST. LOUIS	6.685	6.685	45	MAINLINE ONLY	4
6353	MO 141	GRAVOIS BLUFFS	ST. LOUIS	23.770	23.770	50	MAINLINE ONLY	6
16	MO 21	WALDEN RIDGE	ST. LOUIS	7.178	7.178	45	NORTH BOUND APPROACH ONLY	2
16	MO 21	MUSICK-GREEN PARK	ST. LOUIS	1.683	1.683	40	MAINLINE ONLY	4
11	US 61	BAUMGARTNER	ST. LOUIS	179.697	30.162	45	MAINLINE ONLY	4
11	US 61	BUTLER HILL	ST. LOUIS	178.106	28.571	45	MAINLINE ONLY	4
6335	RT CC	LONG	ST. LOUIS	3.965	3.965	45	EAST BOUND APPROACH ONLY	2
6353	MO 141	BURGUNDY-JFK	ST. LOUIS	14.886	14.886	45	NORTH BOUND APPROACH ONLY	3
6130	MO 109	EUREKA HIGH SCHOOL	ST. LOUIS	10.319	10.319	45	MAINLINE ONLY	4
6130	MO 109	OLD STATE	ST. LOUIS	7.929	7.929	45	MAINLINE ONLY AND LEFT TURN	3
6130	MO 109	LASALLE MIDDLE SCHOOL	ST. LOUIS	7.371	7.371	45	MAINLINE ONLY	3
6130	MO 109	NEW COLLEGE AVE	ST. LOUIS	5.415	5.415	45	NORTH BOUND APPROACH ONLY	1
6130	MO 109	CLAYTON	ST. LOUIS	3.869	3.869	45	MAINLINE ONLY	2
6130	MO 109	SHEPARD	ST. LOUIS	3.752	3.752	45	MAINLINE ONLY	2
6368	MD 100	MO 141	ST. LOUIS	103.229	14.435	45	MAINLINE ONLY	4
6368	MD 100	BARRETT STATION	ST. LOUIS	105.158	16.364	45	WEST BOUND APPROACH ONLY	3
255687	IS 44 SOR	SIX FLAGS SOR-BL 66	ST. LOUIS	1.554	1.554	40	EAST BOUND APPROACH ONLY	2
6219	RT AB	COEUR DE VILLE	ST. LOUIS	3.155	3.155	40	MAINLINE ONLY	5
6141	MO 340	RIVER VALLEY	ST. LOUIS	8.263	8.263	45	EAST BOUND APPROACH ONLY	2
6141	MO 340	IS 170	ST. LOUIS	16.305	16.305	35	SIGNALS UNDER THE BRIDGE ONLY	12
6353	MO 141	IS 64 EB RAMP	ST. LOUIS	12.347	12.347	50	NORTH BOUND APPROACH ONLY	3
6353	MD 141	ST. LUKE'S HOSPITAL	ST. LOUIS	11.429	11.429	50	SOUTH BOUND APPROACH ONLY	3
15	US 67	LITZSINGER ROAD	ST. LOUIS	26.296	22.154	40	NORTH BOUND APPROACH ONLY	2
15	US 67	IS 64	ST. LOUIS	25.606	21.464	45	ALL APPROACHES	10
15	US 67	SCHUETZ-BAUR	ST. LOUIS	22,238	18.096	40	MAINLINE ONLY	4
15	US 67	NEW HALLS FERRY	ST. LOUIS	9.851	9.851	40	MAINLINE ONLY	4
15	US 67	FLOWER VALLEY	ST. LOUIS	9.674	9.674	40	MAINLINE ONLY	4
15	US 67	SUNSWEPT PARK DR.	ST. LOUIS	9.432	9.432	40	MAINLINE ONLY	4
6372	IS 64	CLAYTON	ST. LOUIS	28.862	15.676	35	PLACE ON HEADS OVER OFF RAMP	3
19	IS 70	JENNING STATION WB RAMP	ST. LOUIS	242.779	12.672	40	ALL APPROACHES	8
19	IS 70	JENNING STATION EB RAMP	ST. LOUIS	242.924	12.817	40	ALL APPROACHES	10
15	US 67	OLD JAMESTOWN	ST. LOUIS	6.951	2.809	45	MAINLINE ONLY	4
15	US 67	OLD HALLS FERRY	ST. LOUIS	8.750	4.608	45	MAINLINE ONLY	4
6378	MO 115	I-70 SOR	ST. LOUIS	0.208	0.208	60	ONLY ON OFF AND ON RAMP HEADS	5
6353	MO 141	PRICHARD FARM	ST. LOUIS	3.785	3.785	55	MAINLINE ONLY	6
6353	MD 141	CASINO CENTER DR.	ST. LOUIS	4.184	4.184	55	MAINLINE ONLY	4
6353	MO 141	CREVE COEUR NORTH	ST. LOUIS	4.982	4.982	55	MAINLINE ONLY	4
6353	MO 141	MARINE	ST. LOUIS	5.279	5.279	55	MAINLINE ONLY	4
6353	MO 141	GULFPORT DR. S PORT	ST. LOUIS	5.767	5.767	55	MAINLINE ONLY	4
6353	MO 141	CREVE COEUR SOUTH	ST. LOUIS	6.063	6.063	55	MAINLINE ONLY	4
6353	MO 141	RIVER VALLEY	ST. LOUIS	6.676	6,676	55	MAINLINE ONLY	4
6160	MO 367	MO VETERANS	ST. LOUIS	3.976	3.976	45	MAINLINE ONLY	4
6160	MO 367	COMET	ST. LOUIS	4.625	4.625	45	MAINLINE ONLY	4
6160	MO 367	BERWYN-NORTHUMBERLAND	ST. LOUIS	5.146	5.146	45	MAINLINE ONLY	4
6160	MO 367	ST, CYR	ST. LOUIS	5.957	5.957	45	MAINLINE ONLY	4
6160	MO 367	JENNINGS STATION	ST. LOUIS	5.953	5.953	45	MAINLINE ONLY	4
6131	RT D	BALL-WESTPORT CNTR	ST. LOUIS	1.924	1.924	55	MAINLINE ONLY	6
6131	RT D	SCHUETZ	ST. LOUIS	1.413	1.413	55	MAINLINE ONLY	6
6131	RT D	WARSON	ST. LOUIS	3.318	3.318	55	MAINLINE ONLY	4
6131	RT D	LINPAGE	ST. LOUIS	3.097	3.097	55	MAINLINE ONLY	4
							CURTOTAL	0
							SUBTOTAL	214



SHEET OF 4

QUANTITY SHEET 2

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	RETRO	REFLECTIVE BACKPLATES ST.	CHARLES CO	UNTY				
TRAVELWAY ID	ROUTE	CROSS STREET	COUNTY NAME	LOG	CNTY LOG	POSTED SPEED	COMMENTS	# OF THRU HEADS
6366	MO 79	RT M	ST. CHARLES	83.740	6.372	60	MAINLINE ONLY	3
6366	MO 79	TR HUGHES BLVD.	ST. CHARLES	85.882	8.454	60	MAINLINE ONLY	3
7756	MO 94	RT D	ST. CHARLES	98.048	20.191	55	MAINLINE ONLY	2
7756	MO 94	MO 364 EB RAMP	ST. CHARLES	102.775	24.918	60	MAINLINE ONLY	6
7325	RT A	MEXICO/ENTERPRISE DR.	ST. CHARLES	0.949	0.949	55	MAINLINE ONLY	4
7325	RT A	LOGISTICS CENTER DR.	ST. CHARLES	0.638	0.638	45	MAINLINE ONLY	4
7323	RT K	WINDING WOODS	ST. CHARLES	1.378	1.378	45	MAINLINE ONLY	4
7323	RT K	VETERANS MEMORIAL PARKWAY	ST. CHARLES	0.210	0.210	45	MAINLINE ONLY	5
7323	RT K	MO 364 SOR	ST. CHARLES	3.653	3.653	45	MAINLINE ONLY	6
7323	RT K	CLEAR CREEK	ST. CHARLES	1.139	1.139	45	MAINLINE ONLY	4
7323	RT K	LAURA HILL	ST. CHARLES	1.625	1.625	45	MAINLINE ONLY	4
7323	RT K	MEXICO	ST. CHARLES	0.785	0.785	45	MAINLINE ONLY	4
7323	RT K	MEXICO LOOP	ST. CHARLES	0.971	0.971	45	MAINLINE ONLY	4
7323	RT K	HUTCHINGS FARM	ST. CHARLES	2.045	2.045	45	MAINLINE ONLY	4
7323	RT K	TARGET	ST. CHARLES	1.820	1.820	45	MAINLINE ONLY	4
7323	RT K	CHRISTINA MARIE	ST. CHARLES	3.066	3.066	45	MAINLINE ONLY	4
7323	RT K	CRUSHER	ST. CHARLES	5.899	5.899	45	MAINLINE ONLY	4
7323	RT K	TECHNOLOGY	ST. CHARLES	6.197	6.197	45	MAINLINE ONLY	4
7323	RT K	WATERBURY	ST. CHARLES	5.667	5.667	45	MAINLINE ONLY	4
7323	RT K	FALLON PKWY.	ST. CHARLES	2.840	2.840	45	MAINLINE ONLY	4
7323	RT K	DARDENNE ELEM/BJC	ST. CHARLES	2.233	2.233	45	MAINLINE ONLY	4
7323	RT K	O'FALLON POINTE	ST. CHARLES	0.646	0.646	45	MAINLINE ONLY	4
7323	RT K	WATERFORD CROSSING/PHEASANT MDW	ST. CHARLES	4.020	4.020	45	MAINLINE ONLY	4
7323	RT K	O'FALLON RD	ST. CHARLES	4.704	4.704	50	MAINLINE ONLY	6
6331	RT N	HAWK RIDGE TRAIL	ST. CHARLES	10.774	10.774	45	MAINLINE ONLY	4
6331	RT N	SOMMERS/RONALD REAGAN	ST. CHARLES	10.395	10.395	45	MAINLINE ONLY	4
7307	RT Z	INTERSTATE DR.	ST. CHARLES	0.360	0.360	45	MAINLINE ONLY	4
6331	RT N	LAKE ST. LOUIS BLVD.	ST. CHARLES	9.571	9.571	50	MAINLINE ONLY	4
7756	MO 94	I -70	ST. CHARLES	110.420	32.563	45	MAINLINE ONLY	6
7756	MO 94	SHERMAN DR.	ST. CHARLES	110.109	32.252	45	MAINLINE ONLY	6
7756	MO 94	PRALLE LN.	ST. CHARLES	108.923	31.066	55	MAINLINE ONLY	4
7756	MO 94	I -64	ST. CHARLES	99.240	99.240	55	MAINLINE ONLY	5
7756	MO 94	I-64 SOR	ST. CHARLES	99.156	99,156	55	MAINLINE ONLY	4
15	US 67	MO 94	ST. CHARLES	2.684	2.684	55	MAINLINE ONLY	4
145892	I-70 SOR	SUEMANDY	ST. CHARLES	6.570	6.570	45	MAINLINE ONLY	3
							SUBTOTAL	147

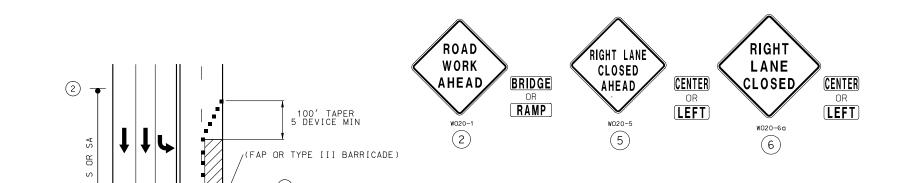
CHRISTOPHER
ALAN KELLY
NUMBER
PE-2009001096 8/3/2021 VAR. STATE MO SHEET NO. SL 3 VARIOUS JOB NO.
J6P3478
CONTRACT ID. PROJECT NO. BRIDGE NO.

> SHEET OF 4

QUANTITY SHEET 3

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									,	EFFECTIVE: 04-01-2021	WILL OF MISS
TOTAL QTY TOTALS						TOTAL SIGN					CHRISTOPHER
SIZE AREA QTY AREA RELOCRELOC	IUM•		•	QTY TOTAL		I I		, , , , ,	LOTAL		ALAN KELLY NUMBER
SIGN IN SO.FT EACH SO.FT EACH SO.FT.	 DESCRIPTION	SIGN		GUIDE SIG		SQ.FI.	DESCRIPTION	11	TOTAL QTY	DESCRIPTION	PE-2009001096
WARNING SIGNS WO1-1L 48X48 16.00	TURN (SYMBOL LEFT ARROW)	E05-1	36X48 12.00		1N2		DESCRIPTION GORE EXIT	NUMBER 6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	III, SONAL ENG
WD1-1R 48X48 16.00	TURN (SYMBOL RIGHT ARROW)	-	48X36 12.00				EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	WHITHINK.
WO1-2L 48X48 16.00	CURVE (SYMBOL LEFT ARROW)		48X36 12.00				EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	THIS SHEET HAS BEI SIGNED, SEALED AND D ELECTRONICALLY.
WO1-2R 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)		60X24 10.00				ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	DATE PREPARED
W01-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)		48X24 8.00		<u> </u>		END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	8/3/2021
W01-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW) REVERSE CURVE (SYMBOL LEFT ARROW)	-	36X18 4.50 42X30 8.75				PILOT CAR FOLLOW ME PILOT CAR IN USE WAIT & FOLLOW	6122017 W 6122019		IMPACT ATTENUATOR 65 MPH (SAND BARRELS) IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE STA
W01-4R 48X48 16.00	REVERSE CURVE (SYMBOL RIGHT ARROW)		18X12 1.50		 		PILOT CAR IN USE WAIT & FOLLOW			REPLACEMENT SAND BARREL	VAR M
WO1-4bL 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	-	36X24 6.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	SL 3
WD1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)		24X18 3.00				END DETOUR	61230004		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	COUNTY VARIOUS
WD1-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	-	48X36 12.00		<u> </u>		DETOUR (LEFT ARROW)	6161008		ADVANCED WARNING RAIL SYSTEM	JOB NO.
W01-4cR 48X48 16.00 W01-6 60X30 12.50	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS) HORIZONTAL ARROW (SYMBOL)		48X36 12.00 48X12 4.00				DETOUR (RIGHT ARROW) STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT) BUOYS (NO WAKE)	J6P3478
W01-6 60X30 12:30 W01-6a 72X36 18:00	HORIZ: ARROW (SYMBOL ON PERMANENT BARRICADE)		48X18 6.00		+		DETOUR (ARROW LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT ID
W01-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	-	48X18 6.00				DETOUR (ARROW RIGHT)	6161025		CHANNELIZER (TRIM LINE)	PROJECT NO.
WD1-7a 72X36 18.00	DOUBLE HEAD HORIZ, ARROW (SYMBOL ON PERM, BARR,))		REGUL	ATORY	SIGNS		6161030	2	TYPE III MOVEABLE BARRICADE	
W01-8 18X24 3.00	CHEVRON (SYMBOL)	-	48X48 13.25				STOP	6161033		DIRECTION INDICATOR BARRICADE	BRIDGE NO.
W01-8a 30X36 7.50 W03-1 48X48 16.00	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) STOP AHEAD (SYMBOL)		48TRI. 6.93 36X36 9.00		+		YIELD TO ONCOMING TRAFFIC (PLAQUE)	6161040 6161047		FLASHING ARROW PANEL	
W03-1 48X48 16.00 W03-2 48X48 16.00	YIELD AHEAD (SYMBOL)		30X12 2.50				ALL WAY (PLAQUE)	6161047		TYPE III OBJECT MARKER WARNING LIGHT, TYPE A	
W03-2 48X48 16.00	SIGNAL AHEAD (SYMBOL)	-	36X48 12.00		'——'		SPEED LIMIT (SEE BELOW) **	6161052		WARNING LIGHT, TYPE B	
WO3-4 48X48 16.00	BE PREPARED TO STOP	-	48X48 16.00				NO RIGHT TURN (SYMBOL)	6161053		WARNING LIGHT, TYPE C	
WO3-5 48X48 16.00	SPEED LIMIT AHEAD		48X48 16.00				NO LEFT TURN (SYMBOL)	6161070		TUBULAR MARKER	[8] '
WD4-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)		36X36 9.00				NO TURNS	6161095		RADAR SPEED ADVISORY SYSTEM	
W04-1R 48X48 16.00	MERGE (SYMBOL FROM RIGHT)		48X48 16.00			$\overline{}$	NO U-TURN (SYMBOL)	1		CHANGEABLE MESSAGE SIGN,	RI
W04-1aL 48X48 16.00 W04-1aR 48X48 16.00	MERGE (ARROW SYMBOL) MERGE (ARROW SYMBOL)		30X30 6.25 30X30 6.25				RIGHT LANE MUST TURN RIGHT	6161096		COMMISSION FURNISHED/RETAINED CHANGEABLE MESSAGE SIGN W/O COMM.	SE
WO5-1 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS	-	36X48 12.00				DO NOT PASS	61610984	4	INTERFACE, CONTRACTOR FURNISHED/RETAINED	
W05-3 48X48 16.00	ONE LANE BRIDGE		36X48 12.00				PASS WITH CARE			NTCIP CHANGEABLE MESSAGE SIGN WITH COMM.	
WO5-5 48X48 16.00	NARROW LANES		36X48 12.00				KEEP LEFT (HORIZONTAL ARROW)	6169902		INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)		36X48 12.00				KEEP RIGHT (HORIZONTAL ARROW)	61620004		WORK ZONE TRAFFIC SIGNAL SYSTEM	
W06-2 48X48 16.00 W06-3 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL) TWO WAY TRAFFIC (SYMBOL)		30X30 6.25 36X24 6.00				DO NOT ENTER WRONG WAY	6162002 6162004		TEMPORARY LONG-TERM RUMBLE STRIPS TEMPORARY SHORT-TERM RUMBLE STRIPS	111
W07-3a 30X24 5.00	NEXT XX MILES (PLAQUE)		54X18 6.75				ONE WAY ARROW (LEFT)	6162004		TEMPORARY TRAFFIC BARRIER	TAC
WO8-1 48X48 16.00	BUMP		54X18 6.75				ONE WAY ARROW (RIGHT)	6173600		CONTRACTOR FURNISHED/RETAINED	
WO8-2 48X48 16.00	DIP	R6-2L 2	24X30 5.00				ONE WAY (LEFT)			TEMPORARY TRAFFIC BARRIER	la ₹
WO8-3 48X48 16.00	PAVEMENT ENDS		24X30 5.00				ONE WAY (RIGHT)	6173602E		CONTRACTOR FURNISHED/COMMISSION RETAINED	RTATION
W08-4 48X48 16.00	SOFT SHOULDER	R9-9	24X12 2.00		<u> </u>		SIDEWALK CLOSED	61740004		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	₹T A
W08-5 48X48 16.00 W08-6 48X48 16.00	SLIPPERY WHEN WET (SYMBOL) TRUCK CROSSING (WITH FLAGS)	- 	24X18 3.00		'		SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	61750104	4	RELOCATING TEMPORARY TRAFFIC BARRIER TEMPORARY TRAFFIC BARRIER	SPOR
W08-6c 48X48 16.00	TRUCK ENTRANCE	1113 112 1	1710 3100				SIDEWALK CLOSED AHEAD,	16176000E	3	COMMISSION FURNISHED/RETAINED	Z S
WO8-7 36X36 9.00	LOOSE GRAVEL	R9-11R	24X18 3.00		'		(ARROW RIGHT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	LRANS
WO8-7a 36X36 9.00	FRESH OIL/LOOSE GRAVEL		24X36 6.00				STOP HERE ON RED (45° ARROW)	6177000E		COMMISSION FURNISHED/RETAINED	L OI
W08-9 48X48 16.00	LOW SHOULDER	R11-2	48X30 10.00	,	<u> </u>		ROAD CLOSED	6208064		TEMPORARY RAISED PAVEMENT MARKER	SS
W08-11 48X48 16.00	NO CENTER LINE	- _{D11 30} ₁	60X30 12.50		'		ROAD CLOSED XX MILES AHEAD	9029400		TEMPORARY TRAFFIC SIGNALS TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
W08-12 40X40 16.00	GROOVED PAVEMENT		60X30 12:50		+		ROAD CLOSED TO THRU TRAFFIC	3023401		TEMPORARI TRAFFIC SIGNALS AND LIGHTING	
W08-15P 30X24 5.00	MOTORCYCLE (PLAQUE)		60X48 20.00				FINE SIGN				
WO8-17 48X48 16.00	SHOULDER DROP-OFF (SYMBOL)		56X12 4.67				SPEEDING/PASSING (PLATE)				HIGHWAYS COMM
WO8-17P 30X24 5.00	SHOULDER DROP-OFF (PLAQUE)				LLANE	OUS SIGNS		1			I. 70 //
W10-1 42RND. 9.62	RAILROAD CROSSING		48X36 12.00		<u> </u>		POINT OF PRESENCE	 			I Z (6)
W012-1 24X24 4.00 W012-2 48X48 16.00	DOUBLE DOWN ARROW (SYMBOL) LOW CLEARANCE (SYMBOL)		96X48 32.00 48X24 8.00		+		POINT OF PRESENCE RATE OUR WORK ZONE	 	+		SSOUR Z
W012-2X 24X18 3.00	LOW CLEARANCE (SYMBUL)		72X36 18.00		+		RATE OUR WORK ZONE	1	1		
W012-2g 84X24 14.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)		48X36 12.00				WORK ZONE NO PHONE ZONE	1		DICOLATIVED	
W012-4 120X60 50.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD								THE P	DISCLAIMER ROFESSIONAL WHOSE SIGNATURE AND PERSONAL	
W012-5 120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD							_	SEAL	APPEAR HEREON ASSUMES RESPONSIBILITY	
W013-1 30X30 6.25	ADVISORY SPEED (PLAQUE)	+			<u> </u>			-		FOR WHAT APPEARS ON THIS PAGE, AND AIMS (PURSUANT TO SECTION 327.411 RSMO)	
W016-2 30X24 5.00 W016-3 30X24 5.00	XXX FEET (PLAQUE) X MILE (PLAQUE)	+		+	+		+	-		FICATION, ESTIMATES, REPORTS, OR OTHER	
W020-1 48X48 16.00 4 64.00	ROAD/BRIDGE/RAMP WORK AHEAD	+		+ + -	+		+	1	DOCUM	ENTS OR INSTRUMENTS NOT SEALED BY THE	1 .
W020-2 48X48 16.00	DETOUR AHEAD				†					SIGNED PROFESSIONAL RELATING TO OR DED TO BE USED FOR ANY PART OR PARTS OF	4 4 E
WO20-3 48X48 16.00	ROAD CLOSED AHEAD							_		ROJECT TO WHICH THIS PAGE REFERS.	SHE
W020-4 48X48 16.00	ONE LANE ROAD AHEAD	616-10.		TOTAL							
WD20-5 48X48 16.00 2 32.00	1-RIGHT & 1-LEFT LANE CLOSED AHEAD			GNS 254		TOTAL					
W020-5q 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10.				TOTAL					ETI
W020-6a 48X48 16.00 2 32.00 W020-7a 48X48 16.00	1-RIGHT & 1-LEFT LANE CLOSED FLAGGER (SYMBOL, WITH FLAGS)	KELUCAI	TED SIGNS			*					QUAN
W021-2 36X36 9.00	FRESH OIL	1	W NO	DIDEOT DAY"	ENT WIT	. DE	* * SPEED LIMIT SIGNS:	(1-35)	1-40)	(2-45) (2-50) (2-55) (1-60) (1-65)	J. IS
W021-5 48X48 16.00	SHOULDER WORK AHEAD	1		DIRECT PAYME E FOR RELOCA							
1.02.1 0 10.1 10 10.1 00		1			WITING S	,10110					1
WD22-1 48X48 16.00	BLASTING ZONE AHEAD		OR L	DEVICES.							
W022-1 48X48 16.00 W022-2 42X36 10.50	TURN OFF 2-WAY RADIO AND PHONE		OR i	DEVICES.							
WD22-1 48X48 16.00		-	OR I	DEVICES.						NS TO BE DETERMINED BY THE ENGINEER	



S OR SA

2

DISCLAIMER

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DATE PE	REPARED
8/3/	2021
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SL	4
COLL	NTV

VARIOUS J6P3478 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE

NOTES:

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

REVIEW TYPICAL APPLICATION 616.8.22a (TA-22a) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES. PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS. RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR HTE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

TRAFFIC	CONTROL	LEGEND

SIGN (SINGLE SIDED)

CHANNELIZER (TRIM-LINE)

WORK AREA

S OR SA

S OR SB

S OR SC

● 6→

5

 $\overline{2}$

RIGHT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE

FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH	H (ft.) OPTIONAL CHANNELIZER SF		SPACING (ft.)		
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS	
0-35	200	200	70	245	280	35	40	
40-45	350	500	150	540	400	40	80	
50-55	500	1000	185	660	560	50	80	
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120	

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



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CHRISTOPHER ALAN KELLY NUMBER PE-2009001096 15,8510NAL ET 8/3/2021 MΩ SHEET NO 5 SL

VAR DISTRICT VARIOUS

J6P3478 CONTRACT ID. PROJECT NO.

BRIDGE NO.

RIGHT LANE CLOSURE INTERSECTION WORK ON FAR SIDE

NOTES:

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

TYPICAL APPLICATION 616.8.22a ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.

REVIEW TYPICAL APPLICATION 616.8.22 (TA-22) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

(1) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

RIGHT LANE MUST

W020-1 (2)

TURN RIGHT (7)

TRAFFIC CONTROL LEGEND

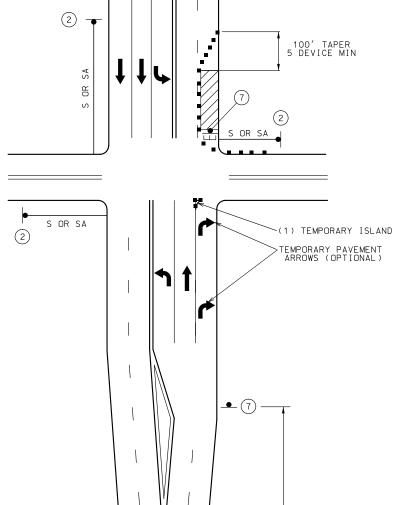
■ SIGN (SINGLE SIDED) CHANNELIZER (TRIM-LINE)

WORK AREA

TYPE 3 MOVEABLE BARRICADE

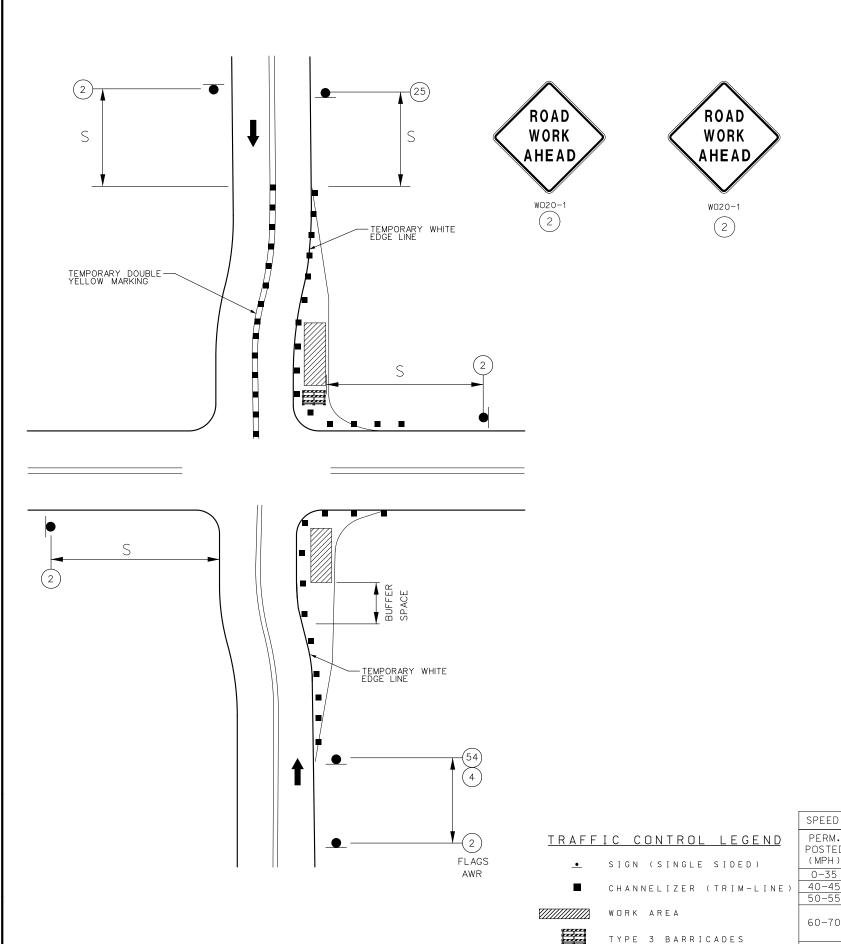
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNEL I ZER	SPACING (ft.)
PERM. POSTED (MPH)	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.							

2. Lane taper length based on 12 ft. (standard lane width) offset.



RIGHT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE

S OR SB 2



NOT TO SCALE

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SPEED LIMIT X X

WORK

ZONE

SPEED

LIMIT

XX

(54)

R2-1

(NORMAL SPEED)



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

REMOVE AND/OR MODIFY EXISTING OR CONFLICTING PAVEMENT MARKINGS AS NEEDED.

TEMPORARY PAVEMENT MARKINGS REQUIRED WITH LONG TERM CLOSURES.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE— HALF MARKING.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)		
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS	
0-35	200	200	70	245	280	35	40	
40-45	350	500	150	540	400	40	80	
50-55	500	1000	185	660	560	50	80	
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120	
1 Shoulder taper length based on 10 ft (standard shoulder width) offset								

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset. OF MISSONAL ELIGIBLES ON AL EL

THIS SHEET HAS BEE SIGNED, SEALED AND D FLECTRONICALLY

8/3/2021

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 6

VARIOUS

JOB NO.

J6P3478

CONTRACT ID.

PROJECT NO.

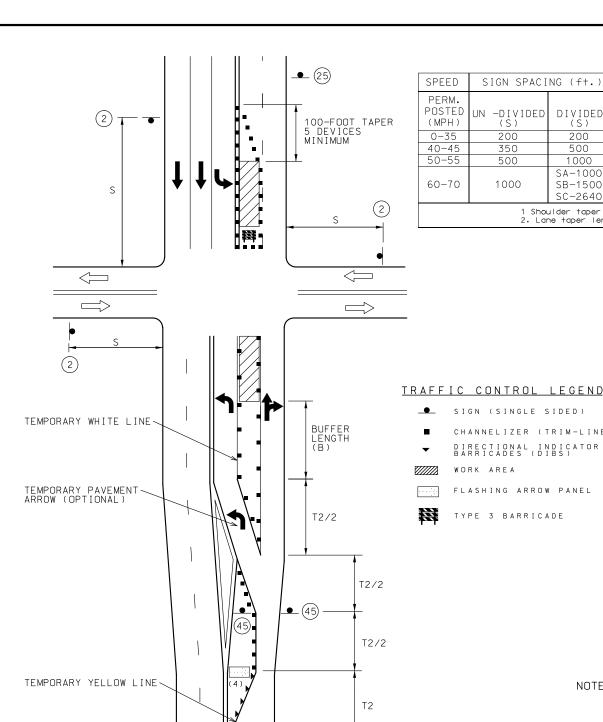
BRIDGE NO.

COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

AFFIC CONTROL SHEET THROUGH LANE AT INTERSECTION



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED	DIVIDED (S)	SHOULDER (1)	LANE (2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120

WORK

ZONE

SPEED

LIMIT

(54)

(4)

2. Lane taper length based on 12 ft. (standard lane width) offset.

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LEFT

LANE

CLOSED

W020-6a

(6)



8/3/2021 VAR MΩ DISTRICT SHEET NO SL 7

VARIOUS J6P3478 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

CLOSED

AHEAD

WO20-5

(5)

SPEED LIMIT R2-1 (NORMAL SPEED) (25)

ROAD

WORK

AHEAD

W020-1

(2)



NOTES:

CHANNELIZER (TRIM-LINE)

DIRECTIONAL INDICATOR BARRICADES (DIBS)

TYPE 3 BARRICADE

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

REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

(3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

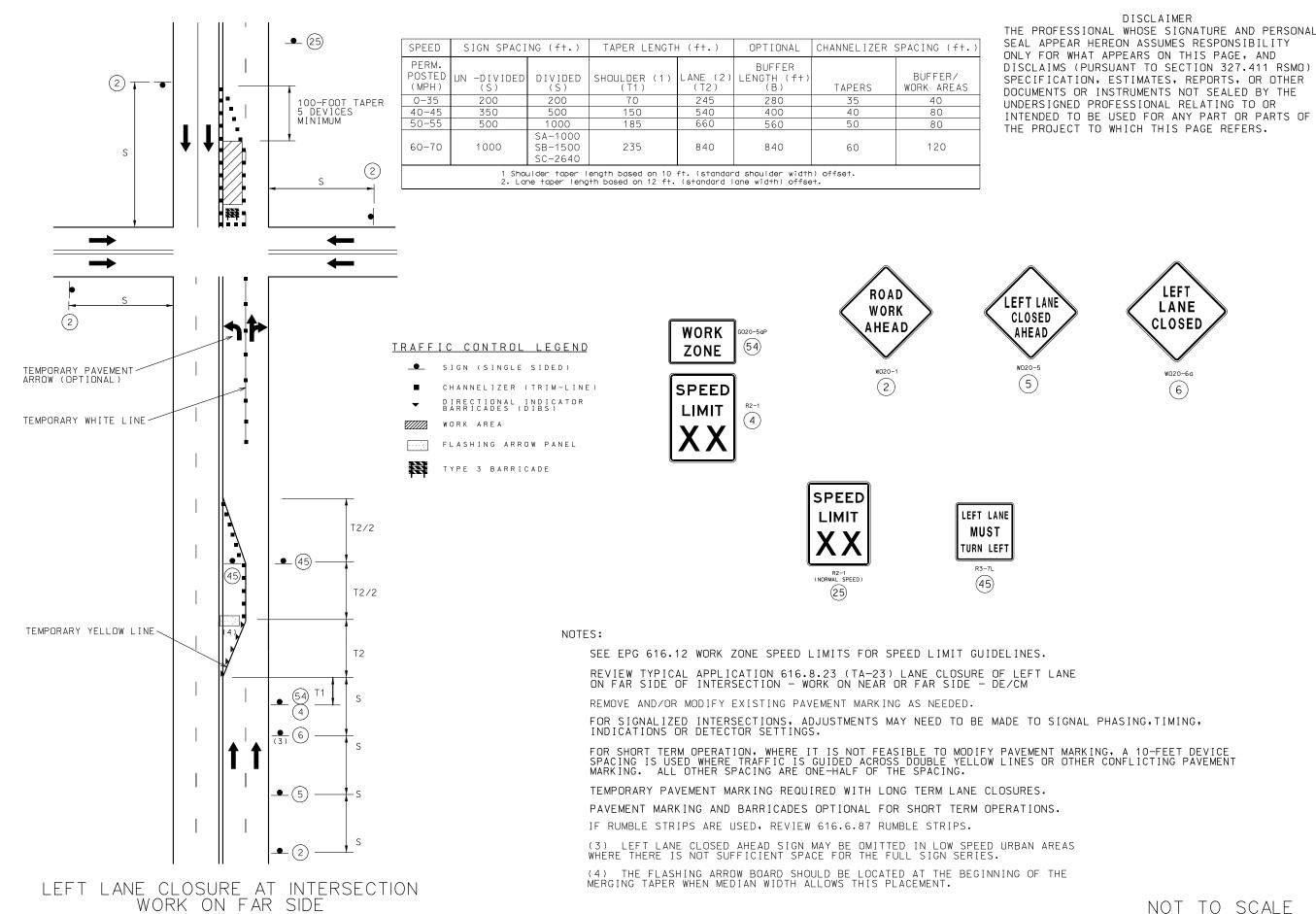
(4) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

LEFT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE

<u>•</u> 2

NOT TO SCALE

LEFT LANE CLOSURE AT INTERSECTION WORK ON NEAR OR FAR SIDE



OF MISS CHRISTOPHER ALAN KELLY NUMBER PE-2009001096 S/ONAL F

8/3/2021 VAR MΩ DISTRICT SHEET NO SL 8

VARIOUS J6P3478 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

 $\stackrel{\mathsf{A}}{\mathsf{N}}$ LEFT LANE CLOSURE INTERSECTION WORK FAR SIDE