#### DESIGN DESIGNATION

A.A.D.T. - 2023 = 690A.A.D.T. - 2043 = 834

> V = 20, 55 M.P.H. D = NB 48%, SB 52%

FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR MINOR ROUTE

NO NEW RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

### CONVENTIONAL SYMBOLS (USED IN PLANS)

EVICTING NEW

	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 111 77	••••
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 SS G W OT - OT - OT - OT - OT - OT -	-F0- -OTV- -UTV- -OT- -UT- -OE- -UE- -S- -SS- -G- -W
MANHOLE	SAN	)
FIRE HYDRANT	C	1
WATER VALVE	w^ C	)
WATER METER	wr4	)
DROP INLET	"	
DITCH BLOCK	=	<b>=</b>
GROUND MOUNTED SIGN	SIGN	-
LIGHT POLE		]
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	— V — X — X	
BENCHMARK	BM ⊗	)

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

# PLANS FOR PROPOSED STATE HIGHWAY



# ST. CHARLES COUNTY

# PROJECT LIMITS PLEASANT UNION SCHOOL RD SEAL COAT & SIGN REPLACEMENT, LENGTH = 1.022 MILES ORCHARD FARM RD 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.

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

## INDEX OF SHEETS

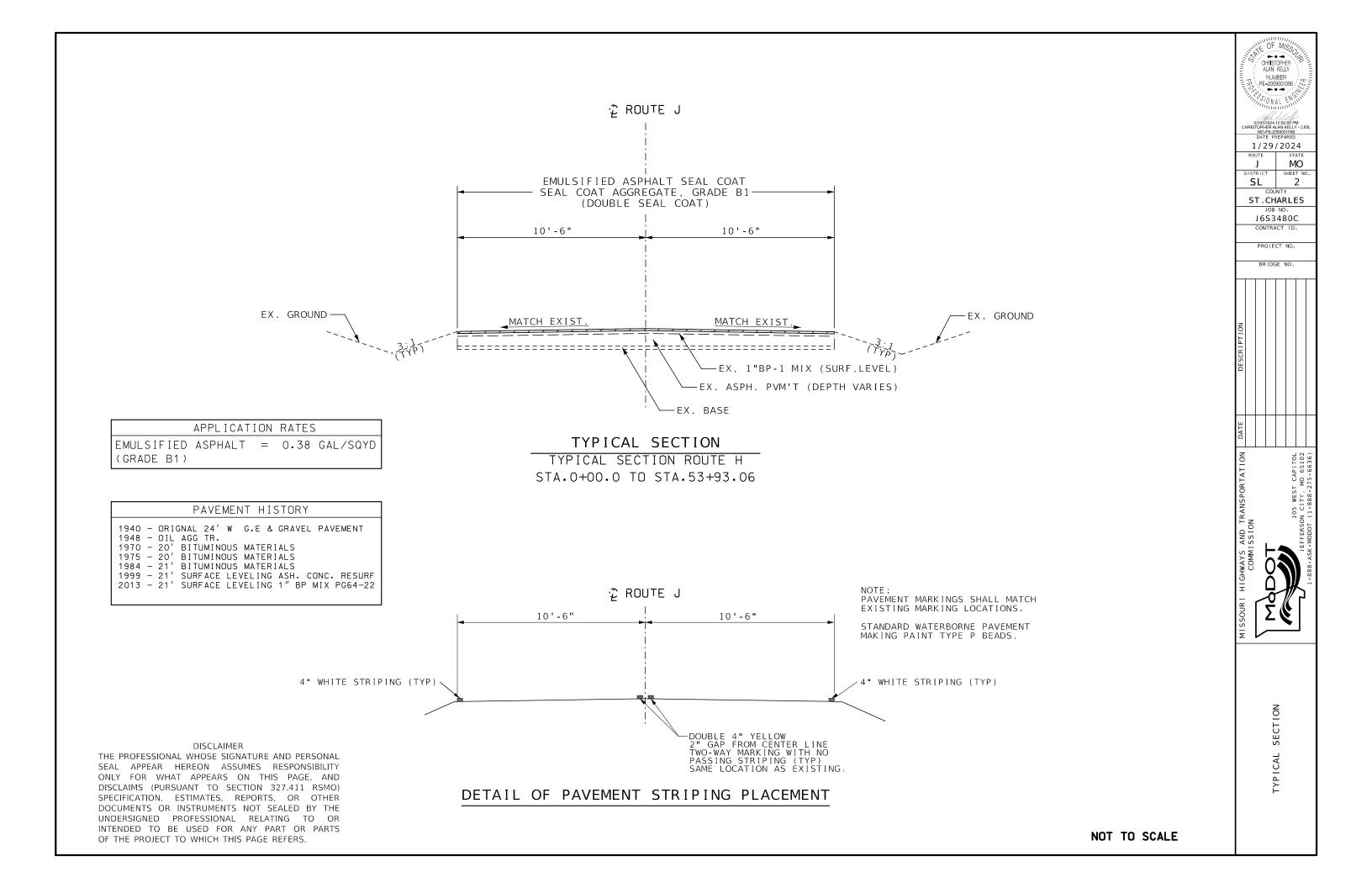
DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS)	2
QUANTITIES (QU) (2 SHEETS)	3
PLAN-SHEET (PS)	4 - 5
TRAFFIC CONTROL SHEETS (TC)	6 - 10
SIGNING SHEET (SN)	11

_												
THIIIIIIIII.	PROPERTY OF THE PROPERTY OF TH	OF CHRIST ALAN NUIV E-200	OPH KELL 1BER 9001	ER Y 1096	THEEB WILL	THITITIME						
С	02/05/2024 12:46:30 PM CHRISTOPHER ALAN KELLY - CIVIL MO-PE-2009001096 DATE PREPARED											
	1/29/2024											
	ROUTE				ате Ю							
	DISTRICT SHEET NO.											
L	SL	COU	L INTY		1							
	ST	СН	AF	RLE	ES							
	ST CHARLES  JOB NO.											
	J 6	<sub>ЈОВ</sub>			2							
			48	300								
	COI	53	4.E	ID								
	COI	SS3	4.8 CT	ID NO.								
	COI	SS3 NTRA	4.8 CT	ID NO.								
	COI	SS3 NTRA	4.8 CT	ID NO.								
	COI	SS3 NTRA	4.8 CT	ID NO.								

#### LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 0 + 00.00 END OF PROJECT STA. 53 + 93.06 APPARENT LENGTH 5,393.06 FEET EQUATIONS AND EXCEPTIONS: NONE

TOTAL CORRECTIONS 0.00 FEET NET LENGTH OF PROJECT 5,393.06 FEET STATE LENGTH 1.021 MILES FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES 0.0 ACRES



CONTRACTOR FURNISHED SURVEYING AND STAKING = 1 LUMP SUM

	REN	MOVAL OF	IMPROVE	MENT SIGNS	
PLAN				SIGNS	
SHEET NO	. ROUTE	STATION	LOCATION	(EA)	REMARKS
1	J	0+64	LEFT	4	REMOVE & REPLACE
1	J	0+69	LEFT	1	REMOVE & REPLACE
1	J	3+79	LEFT	1	USE IN PLACE
1	J	4+34	RIGHT	1	REMOVE & REPLACE
1	J	5+40	LEFT	1	REMOVE & REPLACE
1	J	6+45	RIGHT	1	REMOVE & REPLACE
1	J	7+80	LEFT	3	REMOVE & REPLACE
2	J	43+04	RIGHT	1	REMOVE & REPLACE
2	J	47+57	RIGHT	1	USE IN PLACE
2	J	47+69	LEFT	1	REMOVE & REPLACE
2	J	47+79	RIGHT	1	REMOVE & REPLACE
2	J	51+32	LEFT	1	REMOVE & REPLACE
2	J	53+26	RIGHT	1	REMOVE & REPLACE
2	J	53+33	LEFT	1	REMOVE & REPLACE
			PAY TOTAL	1 LUMP SUM	

MOBILIZATION = 1 LUMP SUM

				PAVE	MENT MARKING	SS			
				WATERBORNE	PVMT MARKIN	G PAINT, TYP	PE P BEADS	THERMOPLASTIC	]
PAVEMENT				4" WIDE	4" WIDE	4" WIDE	4" WIDE	24" WIDE	
MARKING				DOUBLE SOLID	SOLID	INTERMITTENT	SOLID	STOP BAR	
SHEET		BEGIN	END	YELLOW	YELLOW	YELLOW	WHITE	WHITE	
NO.	ROADWAY	STATION	STATION	(LF)	(LF)	(LF)	(LF)	(LF)	REMARKS
1 & 2	J	0+00	53+93.06				10887		
1	J		0+67					12	
1	J	0+67	3+00	466					
1 & 2	J	3+00	51+30			1208			
2	J	51+30	53+30	400					
2	J		53+30					12	
			TOTAL	866	0	1208	10887	24	
			PAY TOTAL	20	74		10887	24	

					SEAL COAT (RES	SURFACE)			
				MAINLINE SF AREA	FIRST PASS SY AREA	SECOND PASS SY AREA	FIRST PASS	SECOND PASS	
PLAN SHEET NO.	RDWY	BEGIN STATION	END STATION	RESURFACING (SF)	SEAL COAT (B1) AGGREGATE (SY)	SEAL COAT (B1) AGGREGATE (SY)	EMULSIFIED ASPHALT SEAL COAT (GAL)	EMULSIFIED ASPHALT SEAL COAT (GAL)	REMARKS
1	J	0+00	13+50	33615.0	3735.0	3735.0	1419.3	1419.3	REMARKS
1	J	13+50	27+00	32400.0	3600.0	3600.0	1368.0	1368.0	
2	J	27+00	40+50	31725.0	3525.0	3525.0	1339.5	1339.5	
2	J	40+50	53+93	34296.0	3810.7	3810.7	1448.1	1448.1	
				TOTAL	14670.7	14670.7 733.5	5574.9	5574.9	
			ADD 5%	FOR IRREGULARITIES	733.5	278.7	278.7		
				PAY TOTAL	30	808	11	707	

DISCLAIMER

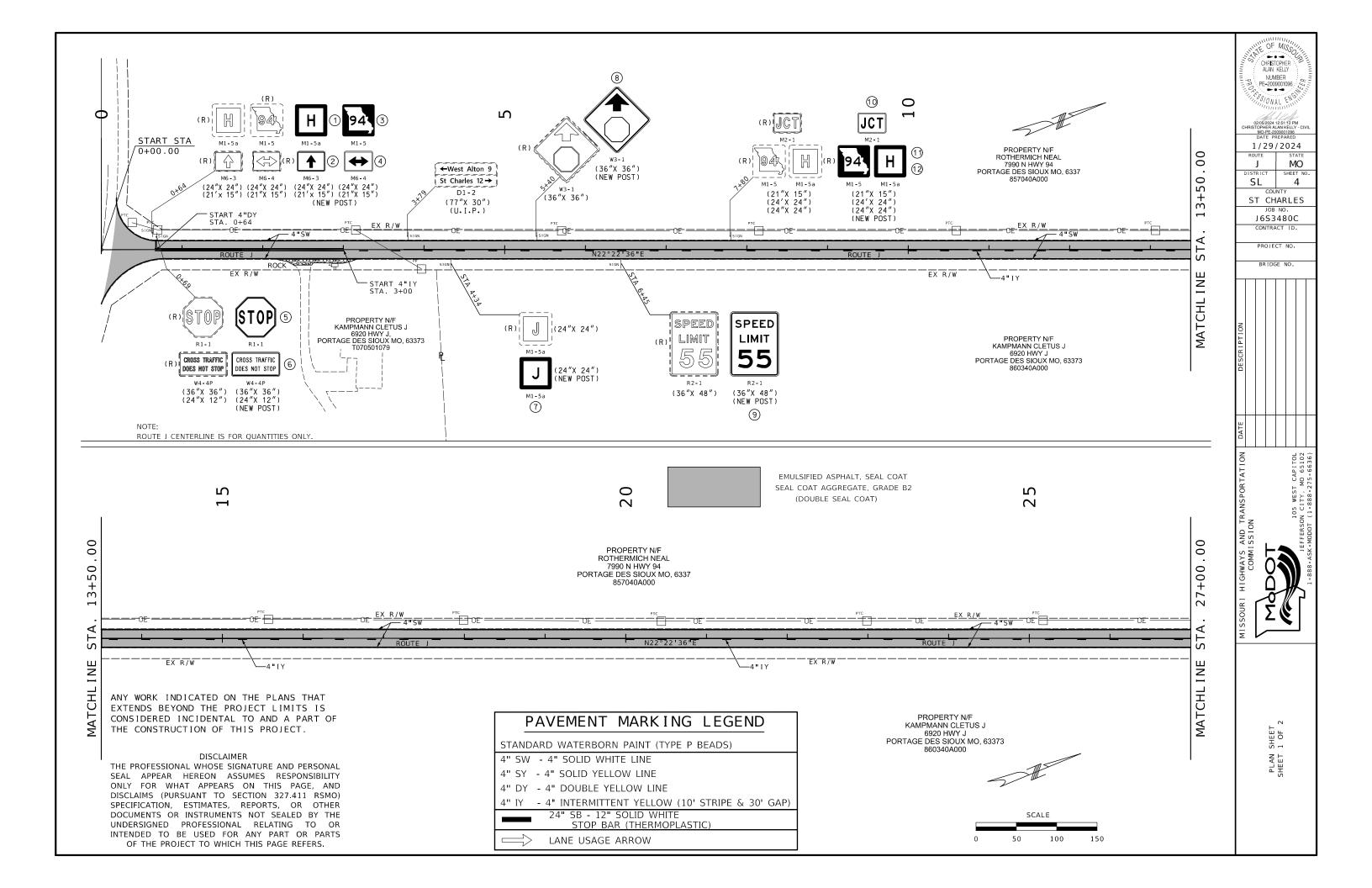
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

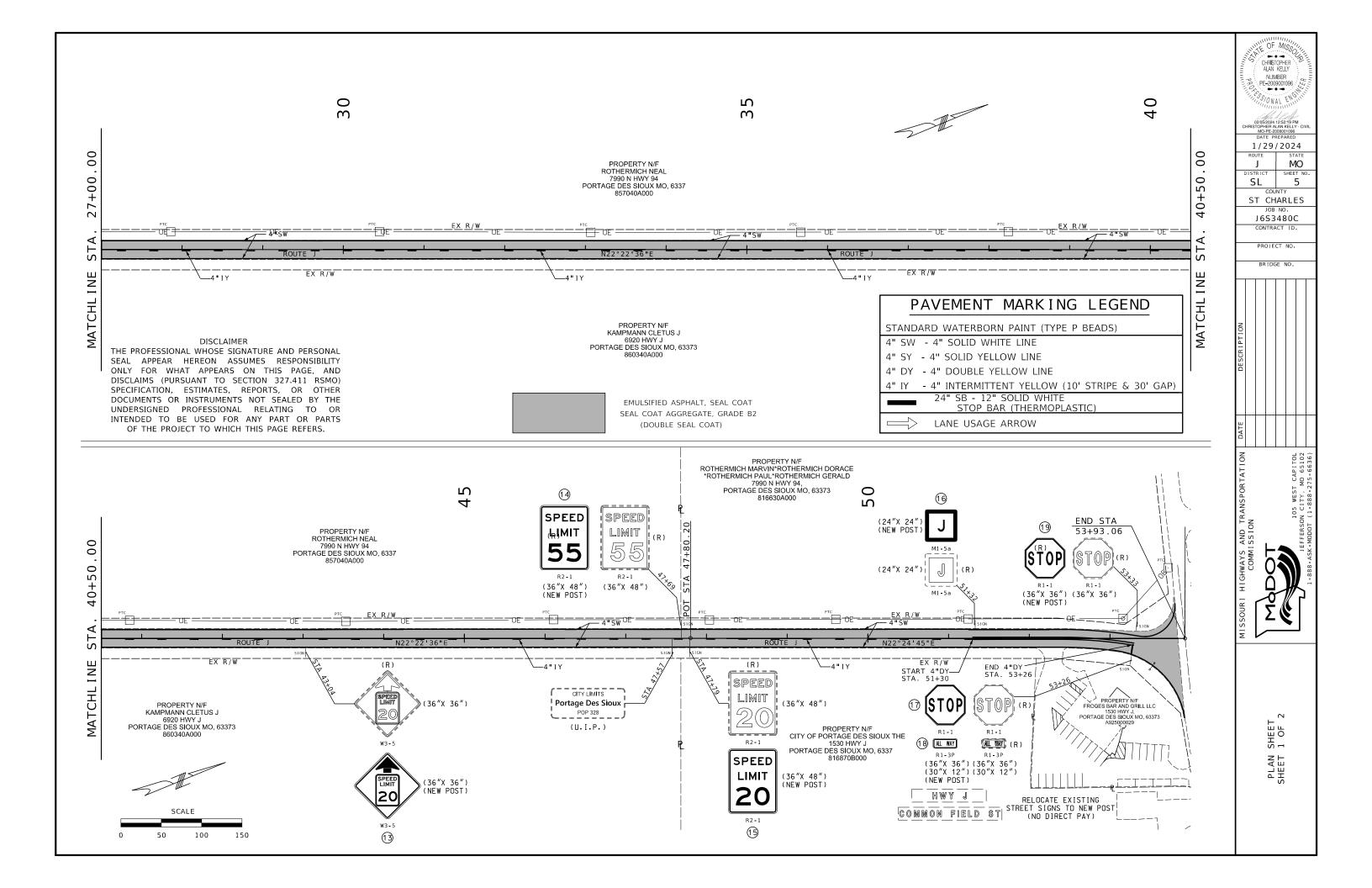
SUMMARY OF QUANTITIES
SHEET 1 OF 2

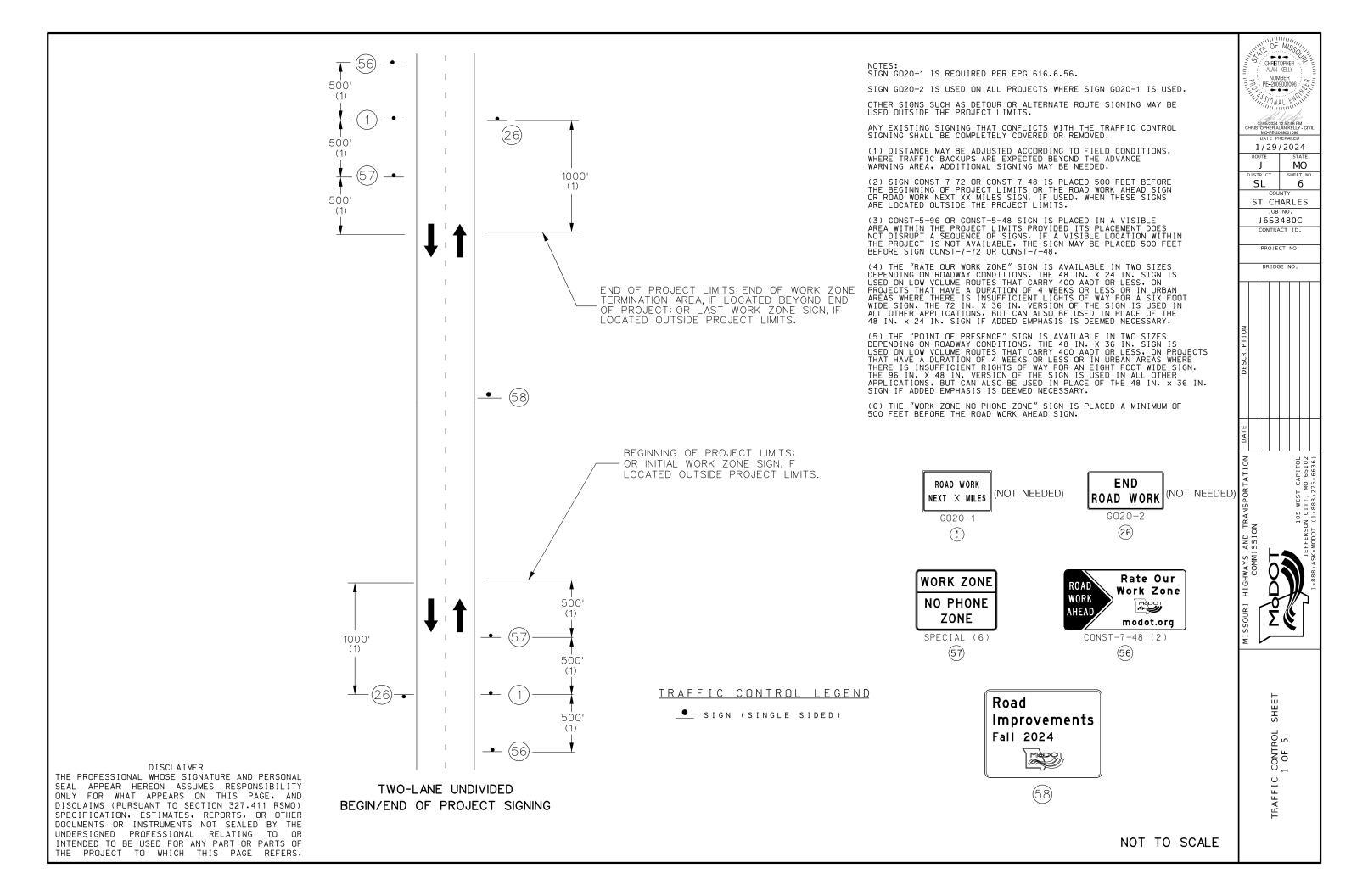
IISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	DATE	DESCRIPTION		COI	ST	J DISTRIC SL	1 / I		THE PROPERTY.	HINTE ATE	
MODOT			RIDO	S3	CH			/2024 HER A	NUN -200 /ON	HRIS' ALAN	,,,,,,,
				ACT	NO			10	MBEF 9001	KELI	11177
105 WEST CAPITOL				ID	LE	HEE	02	:22 Pf (ELLY 1096	096 	ER Y	11.
JEFFERSON CITY, MO 65102				<u> </u>		_		vi '- CIV	11/1/668		
Land the same of t			_		_	5		,	/ / .		

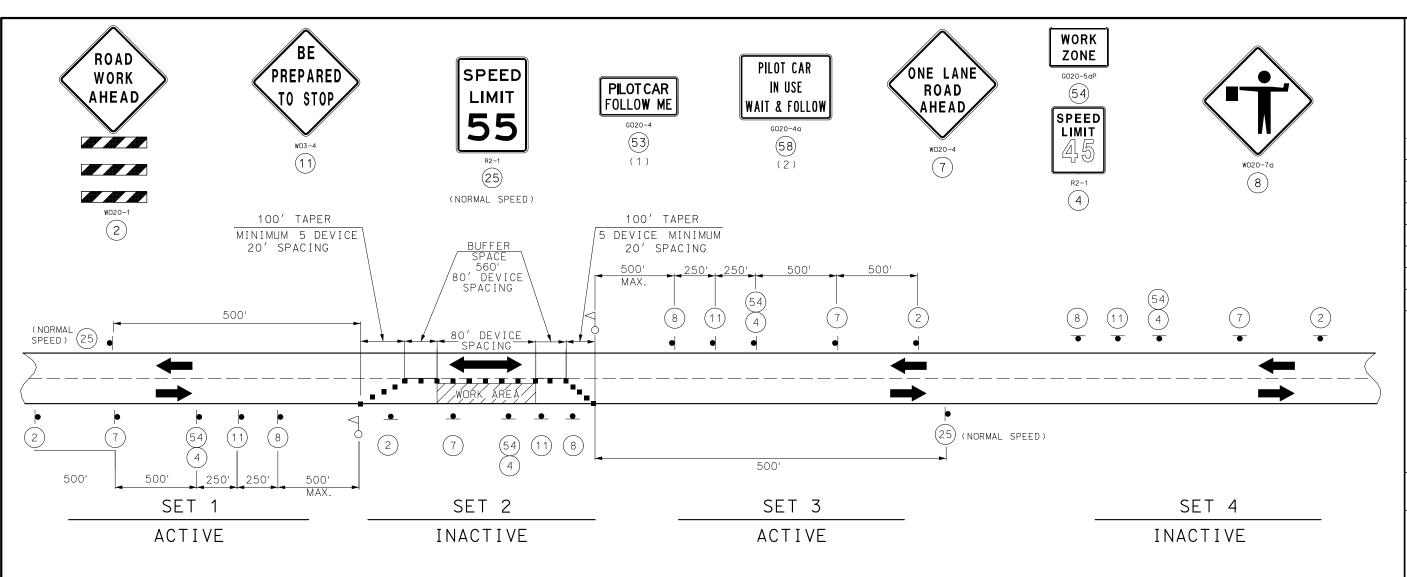
SUMMARY OF QUANTITIES SHEET 1 OF 2

							EFFECTIVE: 04-01-2024	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	TOTAL QTY TOTAL STO	3N		QTY TOTAL SIGN				WINTE OF M
SIZE ARE	EA QTY AREA RELOCRELOC NUI	и.		/ TOTAL RELOC RELOC NUM.	1			CHRISTOPH
SIGN IN SQ.F	T EACH SQ.FT EACH SQ.FT.		SIGN IN SQ.FT EACH	H SQ.FT. EACH SQ.FT.	1	ITEM  TOTAL	_	ALAN KELI
	WARNING SIGNS	DESCRIPTION	· · · · ·	DE SIGNS	DESCRIPTION	NUMBER QTY	DESCRIPTION	PE-2009001
WO1-1L 48X48 16.0		TURN (SYMBOL LEFT)	E05-1 36X48 12.00		GORE EXIT	6122008	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	III, SSIONAL
WO1-1R 48X48 16.0		TURN (SYMBOL RIGHT)	E05-2 48X36 12.00		EXIT OPEN	6122009	IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	WAL WAL
WO1-2L 48X48 16.0	00	CURVE (SYMBOL LEFT)	E05-2a 48X36 12.00		EXIT CLOSED	6122010	IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	00000000100
WO1-2R 48X48 16.0	00	CURVE (SYMBOL RIGHT)	GO20-1 60X24 10.00		ROAD WORK NEXT XX MILES	6122012	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	02/05/2024 12:50 CHRISTOPHER ALAN I MO-PE-200900
WO1-3L 48X48 16.0	00	REVERSE TURN (SYMBOL LEFT)	GO20-2 48X24 8.00		END ROAD WORK	6122014	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	DATE PREPA
WO1-3R 48X48 16.0	00	REVERSE TURN (SYMBOL RIGHT)	GO20-4 36X18 4.50 1	4.5 53	PILOT CAR FOLLOW ME	6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	1/29/2 ROUTE
WO1-4L 48X48 16.0		REVERSE CURVE (SYMBOL LEFT)			PILOT CAR IN USE WAIT & FOLLOW	6122019	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE
WO1-4R 48X48 16.0		REVERSE CURVE (SYMBOL RIGHT)	GO20-4a 18X12 1.50		PILOT CAR IN USE WAIT & FOLLOW	6122020	REPLACEMENT SAND BARREL	DISTRICT
WO1-4bL 48X48 16.0		DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP 36X24 6.00 2	12 54	WORK ZONE (PLAQUE)	6122030	IMPACT ATTENUATOR (RELOCATION)	SL
WO1-4bR 48X48 16.0		DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a 24X18 3.00		END DETOUR	6123001 1	TRUCK MOUNTED ATTENUATOR (TMA)	COUNTY
WO1-4cL 48X48 16.0		TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L 48X36 12.00		DETOUR (LEFT)	6161008 2	ADVANCED WARNING RAIL SYSTEM	ST.CHAR
WO1-4cR 48X48 16.0 WO1-6 60X30 12.5		TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT) HORIZONTAL ARROW (SYMBOL)	MO4-9R 48X36 12.00 MO4-9P 48X12 4.00		DETOUR (RIGHT) STREET NAME (PLAQUE)	6161012	BUOYS (BOATS KEEP OUT) BUOYS (NO WAKE)	JOB NO J6S348
WO1-6a 72X36 18.0		HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L 48X18 6.00		DETOUR ARROW (LEFT)	6161014	SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT
WO1-7 60X30 12.5		DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10E 48X18 6.00		DETOUR ARROW (RIGHT)	6161025 120		
WO1-7a 72X36 18.0		DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)		GULATORY SIGNS	BETOOK /WHOW (KIGHT)	6161030	TYPE III MOVEABLE BARRICADE	PROJECT
WO1-8 18X24 3.0		CHEVRON (SYMBOL)	R1-1 48X48 13.25		STOP	6161033	DIRECTION INDICATOR BARRICADE	
WO1-8a 30X36 7.5		CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2 48TRI 6.93		YIELD	6161040	FLASHING ARROW PANEL	BRIDGE 1
WO3-1 48X48 16.0		STOP AHEAD (SYMBOL)	R1-2a 36X36 9.00		TO ONCOMING TRAFFIC (PLAQUE)	6161047	TYPE III OBJECT MARKER	<del>                                     </del>
WO3-2 48X48 16.0	00	YIELD AHEAD (SYMBOL)	R1-3P 30X12 2.50		ALL WAY (PLAQUE)	6161055	SEQUENTIAL FLASHING WARNING LIGHT	
WO3-3 48X48 16.0		SIGNAL AHEAD (SYMBOL)	R2-1 36X48 12.00 4	48 4,25	SPEED LIMIT 2-45, 2-55 MPH	6161070	TUBULAR MARKER	
WO3-4 48X48 16.0		1 BE PREPARED TO STOP	R3-1 48X48 16.00		NO RIGHT TURN (SYMBOL)	6161095	RADAR SPEED ADVISORY SYSTEM	
WO3-5 48X48 16.0		SPEED LIMIT AHEAD	R3-2 48X48 16.00		NO LEFT TURN (SYMBOL)	1	CHANGEABLE MESSAGE SIGN,	<sub>=</sub>
WO4-1L 48X48 16.0		MERGE (SYMBOL FROM LEFT)	R3-3 36X36 9.00		NO TURNS	6161096	COMMISSION FURNISHED/RETAINED	<b> </b> 2
WO4-1R 48X48 16.0		MERGE (SYMBOL FROM RIGHT)	R3-4 48X48 16.00	+ + + + + + + + + + + + + + + + + + + +	NO U-TURN (SYMBOL)	1 2	CHANGEABLE MESSAGE SIGN W/O COMM.	[[
WO4-1aL 48X48 16.0		MERGE (LEFT)	R3-7L 30X30 6.25		LEFT LANE MUST TURN LEFT	6161098A	INTERFACE - CONTRACTOR FURNISHED/RETAINED	[변]
WO4-1aR 48X48 16.0		MERGE (RIGHT)	R3-7R 30X30 6.25		RIGHT LANE MUST TURN RIGHT	1	CHANGEABLE MESSAGE SIGN WITH COMM.	Jes
WO5-1 48X48 16.0 WO5-3 48X48 16.0		ROAD/BRIDGE/RAMP NARROWS	R4-1 36X48 12.00 R4-2 36X48 12.00		DO NOT PASS	6161099	INTERFACE - CONTRACTOR FURNISHED/RETAINED	<b> </b>
WO5-3 48X48 16.0 WO5-5 48X48 16.0		ONE LANE BRIDGE NARROW LANES	R4-7a 36X48 12.00		PASS WITH CARE KEEP RIGHT (HORIZONTAL ARROW)	6162000A 6162002	WORK ZONE TRAFFIC SIGNAL SYSTEM TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-1 48X48 16.0		DIVIDED HIGHWAY (SYMBOL)	R4-8a 36X48 12.00		KEEP LEFT (HORIZONTAL ARROW)	1 6162002	TEMPORARY TRAFFIC BARRIER	
WO6-2 48X48 16.0		DIVIDED HIGHWAY END (SYMBOL)	R5-1 30X30 6.25		DO NOT ENTER	6173600D	CONTRACTOR FURNISHED/RETAINED	
WO6-3 48X48 16.0		TWO WAY TRAFFIC (SYMBOL)	R5-1a 36X24 6.00		WRONG WAY	101730000	TEMPORARY TRAFFIC BARRIER	I
WO7-3a 30X24 5.0		NEXT XX MILES (PLAQUE)	R6-1L 54X18 6.75		ONE WAY ARROW (LEFT)	6173602B	CONTRACTOR FURNISHED/COMMISSION RETAINED	<b> </b> ₽
WO8-1 48X48 16.0		BUMP	R6-1R 54X18 6.75		ONE WAY ARROW (RIGHT)	6174000A	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-2 48X48 16.0		DIP	R6-2L 24X30 5.00		ONE WAY (LEFT)	6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-3 48X48 16.0	00	PAVEMENT ENDS	R6-2R 24X30 5.00		ONE WAY (RIGHT)		TEMPORARY TRAFFIC BARRIER	0
WO8-4 48X48 16.0	00	SOFT SHOULDER	R9-9 24X12 2.00		SIDEWALK CLOSED	6176000B	COMMISSION FURNISHED/RETAINED	L∀
WO8-5 48X48 16.0	00	SLIPPERY WHEN WET (SYMBOL)			SIDEWALK CLOSED AHEAD,		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	L'
WO8-6 48X48 16.0	00	TRUCK CROSSING	R9-11L 24X18 3.00		(ARROW LEFT) CROSS HERE	6177000B	COMMISSION FURNISHED/RETAINED	I o d
WO8-6c 48X48 16.0		TRUCK ENTRANCE	_		SIDEWALK CLOSED AHEAD,	6208064A	TEMPORARY RAISED PAVEMENT MARKER	SN
WO8-7 36X36 9.0		LOOSE GRAVEL	R9-11R 24X18 3.00		(ARROW RIGHT) CROSS HERE	9029400	TEMPORARY TRAFFIC SIGNALS	A A
WO8-7a 36X36 9.0		FRESH OIL / LOOSE GRAVEL	R10-6 24X36 6.00		STOP HERE ON RED (45^ ARROW)	9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING	I P N
WO8-9 48X48 16.0		LOW SHOULDER	R11-2 48X30 10.00		ROAD CLOSED	<del></del>		NND I S
WO8-11 48X48 16.0		UNEVEN LANES	H <sub>B11</sub> 32   60×20   12 50		ROAD CLOSED XX MILES AHEAD			V V V
WO8 15 48X48 16.0		NO CENTER LINE GROOVED PAVEMENT	R11-3a 60X30 12.50 R11-4 60X30 12.50	+ + + + + + + + + + + + + + + + + + + +	ROAD CLOSED TO THRU TRAFFIC	1		
WO8-15 48X48 16.0 WO8-15P 30X24 5.0		MOTORCYCLE (PLAQUE)	CONST-3A 60X48 20.00		FINE SIGN	11		≱୪ <b>()</b> ♦
WO8-17L 48X48 16.0		SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X 56X12 4.67		SPEEDING/PASSING (PLATE)	1		Iġ Ă ˈ
WO8-17E 48X48 16.0		SHOULDER DROP-OFF (SYMBOL RIGHT)		SCELLANEOUS SIGNS		<del>                                     </del>		±   <b>↓</b>
WO8-17P 30X24 5.0		SHOULDER DROP-OFF (PLAQUE)	CONST-5 48X36 12.00 2		POINT OF PRESENCE	1	DISCLAIMER	T / <u>0</u> /
W10-1 42RND 9.6		RAILROAD CROSSING	CONST-5 96X48 32.00		POINT OF PRESENCE	THE PROFESS	IONAL WHOSE SIGNATURE AND PERSONAL	IJā I <b>⋝</b> (⁴
WO12-1 24X24 4.0		DOUBLE DOWN ARROW (SYMBOL)	CONST-7 48X24 8.00 2		RATE OUR WORK ZONE		R HEREON ASSUMES RESPONSIBILITY	· · · · · ·
WO12-2 48X48 16.0		LOW CLEARANCE (SYMBOL)	CONST-7 72X36 18.00		RATE OUR WORK ZONE		WHAT APPEARS ON THIS PAGE, AND	1 - 1 <i>-</i>
W012-2x 24X18 3.0		LOW CLEARANCE (PLAQUE)	CONST-8 48X36 12.00 2	24	WORK ZONE NO PHONE ZONE			
WO12-2a 84X24 14.0		OVERHEAD LOW CLEARANCE (FEET AND INCHES)					PURSUANT TO SECTION 327.411 RSMO)	
WO12-4 120X60 50.0		LOW CLEARANCE XX FT XX IN XX MILES AHEAD	1				N, ESTIMATES, REPORTS, OR OTHER	
WO12-5 120X60 50.0		WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	1				OR INSTRUMENTS NOT SEALED BY THE	
WO13-1 30X30 6.2		ADVISORY SPEED (PLAQUE)	4		1	↓ UNDERSIGNEF	D PROFESSIONAL RELATING TO OR	₹
WO16-2 30X24 5.0		XXX FEET (PLAQUE)		+ + + + - +	-	INTENDED TO	D BE USED FOR ANY PART OR PARTS	5 5
WO16-3 30X24 5.0		X MILE (PLAQUE)	1	+ + + + - +	<u> </u>	OF THE P	ROJECT TO WHICH THIS PAGE REFERS.	T I 3
WO20-1 48X48 16.0		ROAD/BRIDGE/RAMP WORK AHEAD	1	+ + + + + + - +	<u> </u>	1		1 1 2 E
WO20-2 48X48 16.0		DETOUR AHEAD	616 10 05	TOTAL	<u>·</u>	J		OF QUANTITI
WO20-3 48X48 16.0 WO20-4 48X48 16.0		ROAD CLOSED AHEAD ONE LANE ROAD AHEAD	616-10.05 CONSTRUCTION SIGNS	TOTAL				
WO20-4 48X48 16.0		RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10	TOTAL				
WO20-5 48X48 16.0		2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS	*				P = 0
WO20-5a 48X48 16.0		RIGHT/CENTER/LEFT LANE CLOSED AHEAD	TILLOCATED SIGNS					
WO20-8a 48X48 16.0			<b>+</b> *					(8, T
WO21-2 36X36 9.0		FRESH OIL	1					SUMMARY SHEET
WO21-5 48X48 16.0		SHOULDER WORK / SHOULDER WORK AHEAD	1					<b>l</b> ≥ ≥ ≥
WO22-1 48X48 16.0		BLASTING ZONE AHEAD	1 •					l s
		TURN OFF 2-WAY RADIO AND PHONE	1					1
WO22-2 42X36 10.5								
WO22-2 42X36 10.5 WO22-3 42X36 10.5	50	END BLASTING ZONE	1					
		END BLASTING ZONE WET PAINT (ARROW PIVOTS)	CMS LOCATIONS TO BE	E DETERMINED BY ENGINEER				









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).

#### 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 SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

#### DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

- (1)"PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.
- (2) SIGN (58) IS TO BE USED IN ADDITION TO SIGN (8) ON SIDE ROADS WHEN PILOT CAR OPTION IS BEING USED.

# TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)



CHANNELIZER (TRIM LINE)



TEMPORARY SHORT TERM RUMBLE STRIPS

FLAGGER CONTROL FOR MOVING OPERATION ONE-LANE TWO-WAY

NOT TO SCALE



CHRISTOPHER ALAN KELLY

NUMBER

PE-2009001096

S/ONAL E

MO-PE-2009001096 DATE PREPARED

1/29/2024

ST CHARLES

J6S3480C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

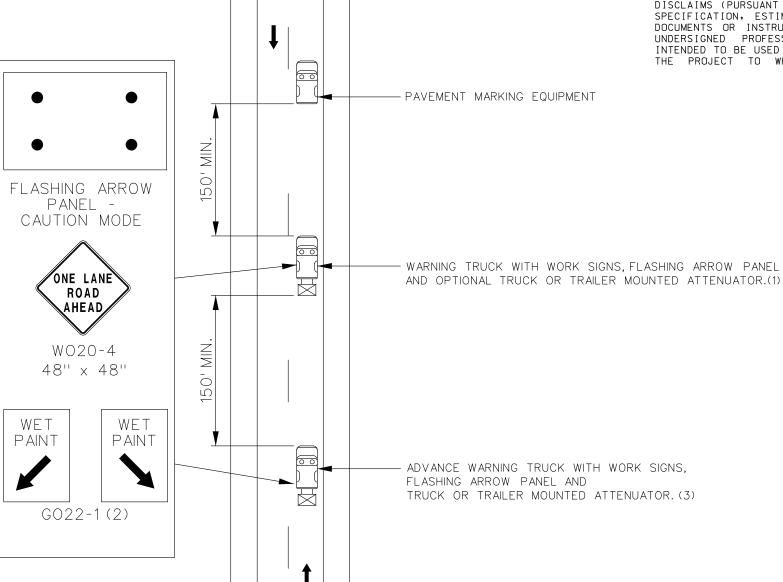
 $\mathsf{SL}$ 

MO

SHEET NO

TRAFFIC CONTROL SHEET 2 OF 5





TWO-LANE UNDIVIDED HIGHWAY

TRAFFIC CONTROL LEGEND

T M A

#### NOTES:

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

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

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

- (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
- (2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION. A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE

(4) THE REQUIRED TMA FOR PAVEMENT MARKING OPERATION IS CONSIDERED INCIDENTAL, NO DIRECT PAY WILL BE MADE.

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

OF MISSIOPHER ALAN KELLY NUMBER PE-2009001096

02/05/2024 12:53:38 PM CHRISTOPHER ALAN KELLY - CIV MO-PE-2009001096 DATE PREPARED 1 / 29 / 2024

ROUTE STATE
J MO
DISTRICT SHEET NO
SL 8

ST CHARLES

J6S3480C CONTRACT ID.

PROJECT NO.

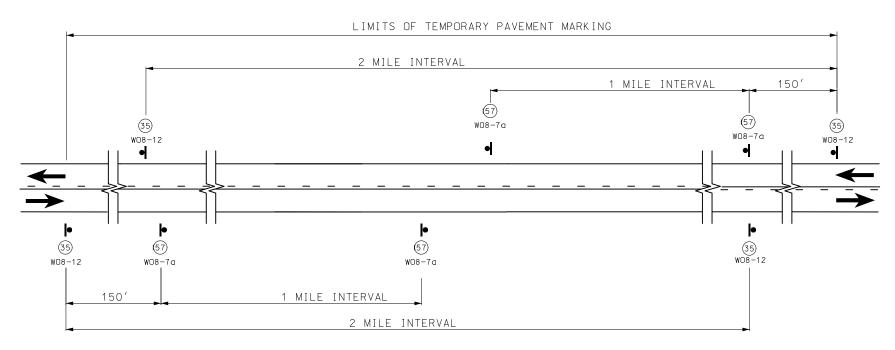
NOULLA

NN DATE DESCRIPTION

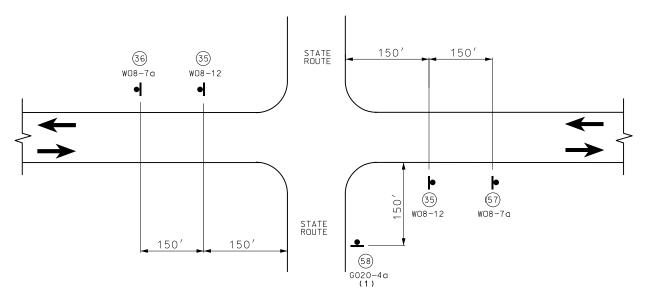
11



TRAFFIC CONTROL SHEET 3 OF 5



## 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.

#### DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

#### TRAFFIC CONTROL LEGEND

sign (SINGLE SIDED)



G020-4a (58)





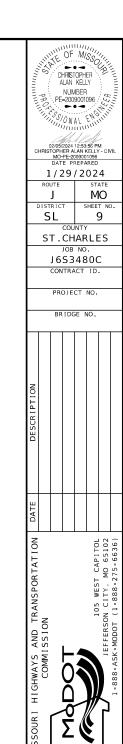
WO8-7a (57)

#### NOTES:

SIGN (35) AND TYPE 2 TRPM 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.

STANDARD PLAN 616.10 AND 903.03.

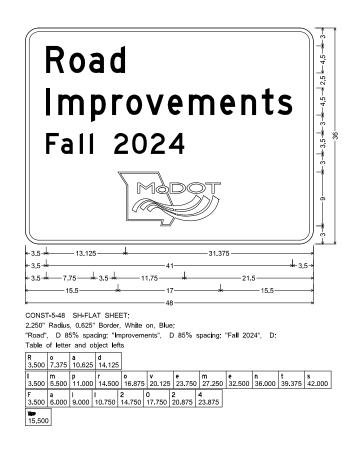


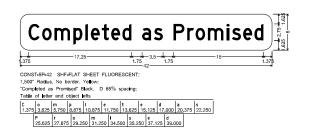
SHEET TRAFFIC

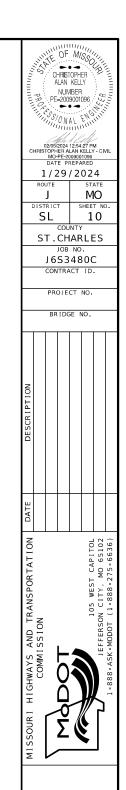
ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH

## DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.







TRAFFIC CONTROL SHEET SHEET 5 OF 5

																		1				EFFECTIVE 07-01-2022
		SIGNS						F	PERFOR	ATED :	SQU	ARE	STEEL	TUBE								
							2	IN. POS	Γ				2.	IN. PO	ST			1	BA	CK II	ŊĢ	REMARKS
902	SIGNAL	SIGNS TABULATE	D ON D-37A	SHEET					ANCHORS					2,25"	ANC	HORS	BREAK-		BA	ARS :	* *	AND
S I GN	SIGN	HOR STATION CLEA	AR LOCATION	SHT.		POST NO.2	TOTAL	DRIVEN 12-GA. ITEM NO.	DRIVEN 7-GA. ITEM NO.	CONCRETE 7-GA ITEM NO		POST NO.2		INSERT (6 FT)	DRIVEN 7-GA ITEM NO	CONCRETE 7-GA. ITEM NO.	AWAY ASSEMBLY ITEM NO.		@ 2.5	X <sup>3</sup> %" B. 5 LBS P	ER FT	OTHER REQUIRED ITEMS
NO.	SIZE	STATION IF N	OII	NO.			9031270A	9031271A	9031273A	9031274			9031280	9031272A	9031281A	9031285	9031241	NO.		TOTAL		-
					LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	EACH		LF	LBS	
1	24X24	0+64	LEFT	1							12.0	)	12.0		1.0			2	50	8.3	21.2	
2	21X15	0+64	LEFT	1									>		>			2	50	8.3	21.2	(4 SIGNS) ON NEW POST & ANCHOR
3	24X24	0+64	LEFT	1									>		>	-						NEW POST & ANCHOR
4	21X15	0+64	LEFT	1							1.4.0											
5	36x36 24x12	0+69 0+69	LEFT LEFT	1	<u> </u>						14.0	1	14.0		1.0			-				(2 SIGNS) ON NEW POST & ANCHOR
6	24X1Z	0+69 4+34	RIGHT	1	-						12.0		12.0		1.0			1				NEW POST & ANCHOR
8	36x36	5+40	LEFT	1							14.0		14.0		1.0							NEW POSTS & ANCHORS
9	36x48	6+45	RIGHT	1							14.0		14.0		1.0							NEW POST & ANCHOR
10	21X15	7+80	LEFT	1							14.0		14.0		1.0							NEW 1031 & ANCHOR
11	24X24	7+80	LEFT	1														2	50	8.3	21.2	(3 SIGNS) ON
12	24X24	7+80	LEFT	1											>			<del>  -</del>		1		NEW POST & ANCHOR
13	36x36	43+04	RIGHT	2							12.0		14.0		1.0							NEW POST & ANCHOR
14	36x48	47+69	LEFT	2							14.0		14.0		1.0							NEW POST & ANCHOR
15	36x48	47+79	RIGHT	2							14.0		14.0		1.0							NEW POST & ANCHOR
16	24X24	51+32	LEFT	2							14.0	)	14.0		1.0							NEW POST & ANCHOR
17	36X36	53+26	RIGHT	2							14.0		14.0		1.0							(2 SIGNS) ON
18	30X12	53+26	RIGHT	2											> <							NEW POST & ANCHOR
19	36X36	53+33	LEFT	2							14.0	1	14.0		1.0							NEW POST & ANCHOR
			SUBTO	TAL									164.0		12						63.6	
			TOTA	٩L							XX	$\bowtie$	164		12						60**	

\* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS. \*\* BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS, 903-12.20.

NOTE: NO DIRECT PAY FOR RELOCATING EXISTING SIGNS TO NEW POST.

			STA	AND	ARI	o s	I GI	V A	SSI	ЕМВ	LIE	ES .			
										TY	ΈE				
ER			SH	SH	SH	SH	SH	SH	SH	SH	SH	SH	SHF	SHF	SHF
NUMBER				R1-3P	R2-1	R2-1		M1-5A					W3-1		W4-4P
	STATION	LOCATION													
	STATION	LOCATION		SIGN	DES	CRIP	TION	1, S	IZES	& NI	UMBE	R OF	EAC	H	
SIGN				ALL WAY	SPEED LIMIT <b>55</b>	SPEED LIMIT 20	94]	H	J	JCT		<b>↔</b>	36 x 36	20 20 36 X 36	CROSS TRAFFIC
1	0+64	LEFT						1							
2	0+64	LEFT									1				
3	0+64	LEFT					1								
4	0+64	LEFT										1			
5	0+69	LEFT	1												
6	0+69	LEFT													1
7	4+34	RIGHT							1						
8	5+40	LEFT											1		
9	6+45	RIGHT			1										
10	7+80	LEFT								1					
11	7+80	LEFT					1								
12	7+80	LEFT						1							
13	43+04	RIGHT												1	
14	47+69	LEFT			1										
15	47+79	RIGHT				1									
16	51+32	LEFT							1						
17	53+26	RIGHT	1												
18	53+26	RIGHT		1											
19	53+33	LEFT	1												
		TOTAL	3	1	2	1	2	2	2	1	1	1	1	1	1

		SIGN	SUN	/MARY		
		C I CN		SIZE, TY	PE & SQUAI	RE FEET
STANDARD SIGN OR SPECIAL SIGN NUM		SIGN DETAIL SHEET NO.	NO. EACH	SIZE	FLAT SHEET SH	FLAT SHEET FLUORESCENT SHF *** ITEM NO.
STOP	(R1-1)		3	3'X3'	9035004A 27	9035069A
ALL WAY	(R1-3P)		1	2.5'X1'	2.5	
SPEED LIMIT 55	(R2-1)		2	3'X4'	24	
SPEED LIMIT 20	(R2-1)		1	3'X4'	12	
STATE NUMBERS ROUTE SHIELD	(M1-5)		2	2'X2'	8	
MO RT H	(M1-5A)		2	2'X2'	8	
MO RT J	(M1-5A)		2	2'X2'	8	
JCT	(M2-1)		1	1.75'X1.25'	2.2	
STRAIGHT AHEAD ARROW	(M6-3)		1	1.75'X1.25'	2.2	
2 WAY ARROW	(M6-4)		1	1.75'X1.25'	2.2	
STOP AHEAD *	(W3-1)		1	3'X3'		9
REDUCE SPEED AHEAD	(W3-5)		1	3′X3′		9
CROSS TRAFFIC DOES NOT STOP	(W4-4P)		1	2'X1'		2
				TOTAL	96	20

\*\*\* ORANGE, YELLOW & YELLOW/GREEN

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO)
SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE
UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS
OF THE PROJECT TO WHICH THIS PAGE REFERS.

1

CHRISTOPHER ALAN KELLY NUMBER PE-2009001096 ISSIONAL ENG 1/29/2024 MO SHEET NO.  $\mathsf{SL}$ 11 ST CHARLES J6S3480C PROJECT NO. BRIDGE NO.

SIGN SHEET

D-29 D-30