DESIGN DESIGNATION ROUTE A

A.A.D.T. - 2024 = 3407A.A.D.T. - 2044 = 4357

V = 55 M.P.H.

KEY MAP LOCATION OF CLAY COUNTY

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NORMAL R/W OR UTILITY & DRAINAGE EASEMENTS TO BE ACQUIRED WITH THIS PROJECT

CONVENTIONAL SYMBOLS

•	. ,	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER	0000 0000 111 17	····
UTILITIES 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- -UTV- -OT- -UT- -OE-
MANHOLE	SAN E)
FIRE HYDRANT	WV C	1
WATER VALVE	wv C)
WATER METER	₩")
DROP INLET	, i	
DITCH BLOCK	=	⊨
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE	PED	<u>-</u> '
CHAIN LINK WOVEN WIRE GATE POST	— v — x	:—— :——
BENCHMARK	ВМ ⊗	-)
	V.	y

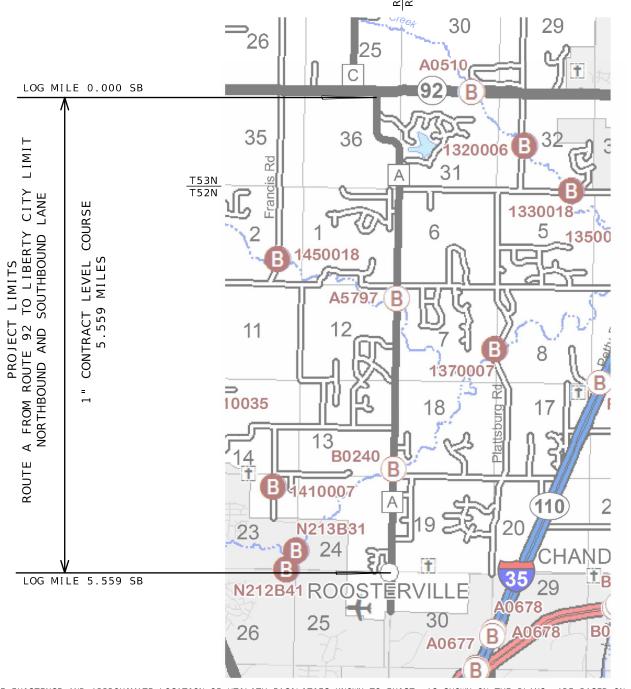
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PRELIMINARY PLANS FOR PROPOSED

STATE HIGHWAY

CLAY COUNTY



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

SEAN M. DOMINGO DOMINGO DATE PREPARED 7/24/2024									
ROUTE STATE									
-	A MO DISTRICT SHEET NO.								
	K	C				1			
			cou CL						
			JOB	NO					
			(U(
		CON	IIIKA		IU	•			
		PR	OJE	СТ	NO.				
		BR	IDG	E 1	Ю.				
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110									
CRIF									
S							1		

LENGTH OF PROJECT

BEGINNING OF PROJECT LOG MILE 0.000 (SB)
END OF PROJECT LOG MILE 5.559 (SB)

APPARENT LENGTH 29,351.52 FEET

EQUATIONS AND EXCEPTIONS:

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

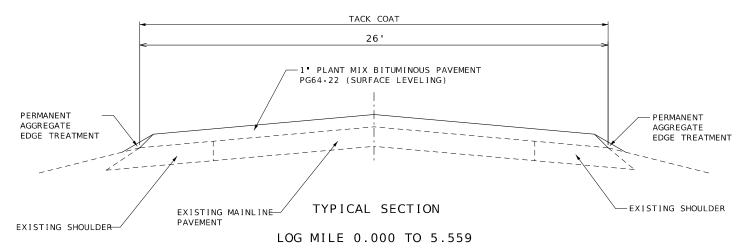
112th ST. INTERSECTION LOG MILE 5.000 TO 5.320

MISSOURI HIGHWAYS AN COMMISS

TOTAL CORRECTIONS	1690	FEET
NET LENGTH OF PROJECT	28,090	FEET
STATE LENGTH	5.320	MILES

0.5 ACRES

BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.975 TON/YD
TACK COAT	.08 GAL/YD ²



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

DOMNSO
NUMBER
OF 2022001607

DATE PREPARED
7/24/2024

ROUTE
A
MO
DISTRICT SHEET NO.

KC
2

COUNTY
CLAY
JOB NO.
JKU0070
CONTRACT ID.

PROJECT NO.

BRIDGE NO.



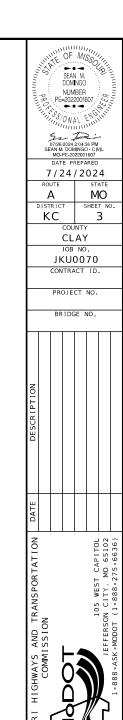
			BITUMINOUS PVMT.						
	PERM. AGG.	TACK	MIXTURE, PG64-22	AVERAGE					
	EDGE TREATMENT	COAT	(SURFACE LEVELING)	WIDTH	LENGTH			END	BEGIN
DEMARKS	(TON)	(GAL.)	(TON)	(FT.)	-	DIRECTION	BOADWAY		-
REMARKS	(TON)	(GAL.)	, ,		(FT.)	DIRECTION	ROADWAY	SB LOG MILE	BB LOG MILE
				MAINLINE RTE.					
MO 92 TO 112TH ST INT. EXCE	623.2	6084.25	4005.47	26	26326.1	NB & SB	RTE A	5.000	0.014
BR. A0917 TO END	41.7	407.56	268.31	26	1763.5	NB & SB	RTE A	5.654	5.320
		1622.95	1068.45				OR PAVEMENT IRREGULAR		
		0.0	85.48			SE	2% FOR HMA SAFETY EDG		
				DADS AND ENTRANCE					
WILMAR DR. ENTRANCE		2.31	1.52	130	2	EB	WILMAR DR.	0.237	0.214
NE 144TH ST. ENTRANCE		6.80	3.99	50	20	EB	NE 144TH ST.	1.165	1.154
NE 142ND ST. ENTRANCE		20.00	13.83	20	42	WB	NE 142ND ST.	1.403	1.384
NE 135TH ST. ENTRANCE (EA		6.40	4.42	60	25	EB	NE 136TH ST.	2.171	2.160
NE 135TH ST. ENTRANCE (WE		6.40	4.42	60	25	WB	NE 136TH ST.	2.171	2.160
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	EB	RTE A		2.189
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	EB	RTE A		2.247
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	EB	RTE A		2.273
PRIVATE DRIVEWAY ENTRANC		1.16	0.76	65	2	WB	RTE A		2.343
PRIVATE DRIVEWAY ENTRANC		0.80	0.53	45	2	EB	RTE A		2.343
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30 30	2	WB	RTE A		2.412
PRIVATE DRIVEWAY ENTRANO PRIVATE DRIVEWAY ENTRANO		0.53	0.35	40	2	EB WB	RTE A RTE A		2.488
PRIVATE DRIVEWAY ENTRANC		0.71	0.47	40	2	WB WB	RTE A		2.565
PRIVATE DRIVEWAY ENTRANC		0.71	0.47	30	2	EB	RTE A		2.592
NE 131ST ST. ENTRANCE		6.00	4.15	50	25	WB	NE 131ST ST	2.802	2.794
CARRIAGE LN. ENTRANCE		5.60	3.87	40	20	WB	CARRIAGE LN.	3.156	3.148
PRIVATE DRIVEWAY ENTRANCE		0.53	0.35	30	2	EB	RTE A	3.150	3.284
NE 124TH/PROVIDENCE ST. ENT		12.00	8.30	75	35	WB	NE 124TH ST.	3.667	3.651
WOODLYN LN ENTRANCE		0.80	0.53	45	2	EB	WOODLYN LN.	3.865	3.857
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	WB	RTE A		3.996
PRIVATE DRIVEWAY ENTRANC		0.62	0.41	35	2	WB	RTE A		4.079
NE 120TH ST. ENTRANCE		8.00	5.53	65	50	EB	NE 120TH ST.	4.16	4.149
PRIVATE DRIVEWAY ENTRANC		1.24	0.82	70	2	EB	RTE A		4.238
PRIVATE DRIVEWAY ENTRANC		0.89	0.59	50	2	EB	RTE A		4.397
PRIVATE DRIVEWAY ENTRANC		0.80	0.53	45	2	WB	RTE A		4.415
PRIVATE DRIVEWAY ENTRANC		0.62	0.41	35	2	EB	RTE A		4.516
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	WB	RTE A		4.590
PRIVATE DRIVEWAY ENTRANC		0.62	0.41	35	2	WB	RTE A		4.744
NE 115TH ST. ENTRANCE		11.60	8.02	85	40	EB	NE 155TH ST.	4.817	4.802
PRIVATE DRIVEWAY ENTRANC		0.62	0.41	35	2	WB	RTE A		4.808
PRIVATE DRIVEWAY ENTRANC		0.53	0.35	30	2	WB	RTE A		4.866
	664.9	8214.8	5495.6	TOTAL					

^{*} RADIUS IS INCLUDED IN LENGTH & WIDTH DIMENSION

	MODIFIED COLD MILLING (DEPTH TRANSITION)								
BEGIN	END	AREA	REMARKS						
LOG MILE	LOG MILE	(SQYD)							
0.014	0.019	72.2	BEG/MO 92 JUNCTION						
4.995	5	72.2	BEG. NE 112TH ST. INT. PVMT. LIMITS						
5.32	5.325	72.2	END NE 112TH ST. INT. PVMT. LIMITS						
5.649	5.654	72.2	END PROJECT						
	COU	NTY ROAD ENTRA	ANCES						
1.158	1.159	85	NE 144TH ST. ENTRANCE						
1.393	1.394	250	NE 142ND ST. ENTRANCE						
2.165	2.167	80	NE 136TH ST. (WEST) ENTRANCE						
2.165	2.167	80	NE 136TH ST. (EAST) ENTRANCE						
2.798	2.8	75	NE 131ST ST ENTRANCE						
3.151	3.153	70	CARRIAGE LN. ENTRANCE						
3.658	3.66	150	PROVIDENCE SCHOOL RD./124TH ST. ENT.						
4.154	4.156	100	NE 120TH ST. ENTRANCE						
4.809	4.811	145	NE 115TH ST. ENTRANCE						
	TOTAL	1323.8							

MOBILIZATION
1 LUMP SUM

	PARTIAL DEPTH PAVEMENT REPAIR									
			REMOVAL FOR	BIT. MATERIAL FOR						
			CLASS C	CLASS C						
			PART. DEPTH	PARTIAL DEPTH						
BEGIN	END		PVMT. REPAIR	PVMT. REPAIR						
SB LOG MILE	SB LOG MILE	ROADWAY	(S.Y.)	(TON)	REMARKS					
0.000	2.003	RTE. A	250.0	250.0	EXACT LOCATION TO BE DETERMINED BY ENGINEER					
	_	TOTAL	250.0	250.0						
		PAY TOTAL	250	250						



SUMMARY OF QUANTITIES
SHEET 1 OF 3

		(GRAVEL	OR CRUSH	HED STONE	
				AVERAGE	GRAVEL (A) OR	
SB			LENGTH	WIDTH	CRUSHED STONE (B)	
	BOYDWAY	DIRECTION		(FT.)	(TON)	REMARKS
0.097	RTE A	EB	4	50	1.8	PRIVATE ENTRANCE
0.387	RTE A	EB	4	80	2.8	PRIVATE ENTRANCE
0.429	RTE A	WB	4	80	2.8	FIELD ENTRANCE
0.425	RTE A	WB	4	50	1.8	FIELD ENTRANCE
0.546	RTE A	NB	4	45	1.6	PRIVATE ENTRANCE
0.340	RTE A	WB	4	40	1.4	PRIVATE ENTRANCE
0.891	RTE A	EB	4	45	1.6	FIELD ENTRANCE
1.084	RTE A	EB	4	20	0.7	FIELD ENTRANCE
1.084	RTE A	EB EB	4	30	1.1	PRIVATE ENTRANCE
1.662	RTE A	WB	4	45	1.1	PRIVATE ENTRANCE PRIVATE ENTRANCE
	RTE A	WB EB	4	40	· · · · · · · · · · · · · · · · · · ·	
1.669		EB	4	40 35	1.4	PRIVATE ENTRANCE
1.707	RTE A		4		1.2	PRIVATE ENTRANCE
1.778	RTE A	EB		35	1.2	PRIVATE ENTRANCE
1.895	RTE A	WB	4	50	1.8	PRIVATE ENTRANCE
2.343	RTE A	EB	4	50	1.8	PRIVATE ENTRANCE
2.413	RTE A	EB	4	50	1.8	PRIVATE ENTRANCE
2.480	RTE A	WB	4	35	1.2	PRIVATE ENTRANCE
2.551	RTE A	EB	4	40	1.4	PRIVATE ENTRANCE
2.759	RTE A	EB	4	25	0.9	PRIVATE ENTRANCE
2.781	RTE A	EB	4	25	0.9	PRIVATE ENTRANCE
2.844	RTE A	WB	4	30	1.1	PRIVATE ENTRANCE
2.868	RTE A	WB	4	50	1.8	PRIVATE ENTRANCE
3.064	RTE A	EB	4	35	1.2	PRIVATE ENTRANCE
3.065	RTE A	WB	4	50	1.8	PRIVATE ENTRANCE
3.263	RTE A	EB	4	60	2.1	PRIVATE ENTRANCE
3.407	RTE A	WB	4	30	1.1	PRIVATE ENTRANCE
3.56	RTE A	WB	4	35	1.2	PRIVATE ENTRANCE
3.578	RTE A	EB	4	35	1.2	PRIVATE ENTRANCE
3.821	RTE A	EB	4	25	0.9	PRIVATE ENTRANCE
4.019	RTE A	WB	4	30	1.1	PRIVATE ENTRANCE
4.028	RTE A	EB	4	35	1.2	PRIVATE ENTRANCE
4.547	RTE A	WB	4	35	1.2	PRIVATE ENTRANCE
4.887	RTE A	WB	4	35	1.2	PRIVATE ENTRANCE
5.582	RTE A	WB	4	80	2.8	PRIVATE ENTRANCE
				TOTAL	50.7	
				PAY TOTAL	51	

			PERMANENI P	'AVEMENT MAR	KING - PAINT	
			STANDARD WATE	RBORNE PAVEMEN	I T	
			MARKING PAINT	, TYPE P BEADS	5	
			4 INCH	4 INCH	4 INCH	
			WHITE	YELLOW	YELLOW	
BEGIN	END		(SOLID)	(SOLID)	(INTERMITTENT)	
	LOG MILE	ROADWAY	, ,	(L.F.)	(L.F.)	REMARKS
0.000	5.559	RTE A	58703	(=:::,	(=:::,	NB & SB EDGELINE
0.000	0.943	RTE A		9958		DOUBLE SOLID CL
0.943	1.063	RTE A		634	159	INT. SB - SOLID NB
1.063	1.223	RTE A		845	211	INT. NB - SOLID SB
1.223	1.403	RTE A		950	238	INT. SB - SOLID NB
1.403	1.503	RTE A			132	INT. CL
1.503	1.623	RTE A		634	159	INT. NB - SOLID SB
1.623	1.803	RTE A		1901		DOUBLE CENTERLINE
1.803	1.943	RTE A		739	185	INT. SB - SOLID NB
1.943	2.464	RTE A			688	INT. CL
2.464	2.683	RTE A		1156	289	INT. NB - SOLID SB
2.683	2.703	RTE A		211		DOUBLE SOLID CL
2.703	2.862	RTE A		840	210	INT. SB - SOLID NB
2.862	3.002	RTE A		739	185	INT. NB - SOLID SB
3.002	3.062	RTE A		634		DOUBLE SOLID CL
3.062	3.122	RTE A		317	79	INT. SB - SOLID NB
3.122	3.201	RTE A		834		DOUBLE SOLID CL
3.201	3.282	RTE A		428	107	INT NB - SOLID SB
3.282	3.422	RTE A		739	185	INT. SB - SOLID NB
3.422	3.541	RTE A		628	157	INT. NB - SOLID SB
3.541	3.741	RTE A		2112		DOUBLE SOLID CL
3.741	3.901	RTE A		845	211	INT SB - SOLID NB
3.901	4.361	RTE A			607	INT. CL
4.361	4.501	RTE A		739	185	INT. NB - SOLID SB
4.501	4.641	RTE A		739	185	INT. SB - SOLID NB
4.641	4.760	RTE A		628	157	INT. NB - SOLID SB
4.760	4.840	RTE A		845		DOUBLE SOLID CL
4.840	4.961	RTE A		639	160	INT. SB - SOLID NB
4.961	5.100	RTE A		734	184	INT. NB - SOLID SB
5.100	5.307	RTE A		2186		DOUBLE SOLID CL
5.307	5.498	RTE A		1008	252	INT. SB - SOLID NB
5.498	5.580	RTE A		433	108	INT. NB - SOLID SB
5.580	5.590	RTE A		53	13	INT. SB - SOLID NB
	•	TOTAL	58703	33148	5046	

^{**} EXISTING MARKINGS TO BE LOGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. SEE PAVEMENT MARKING JSP

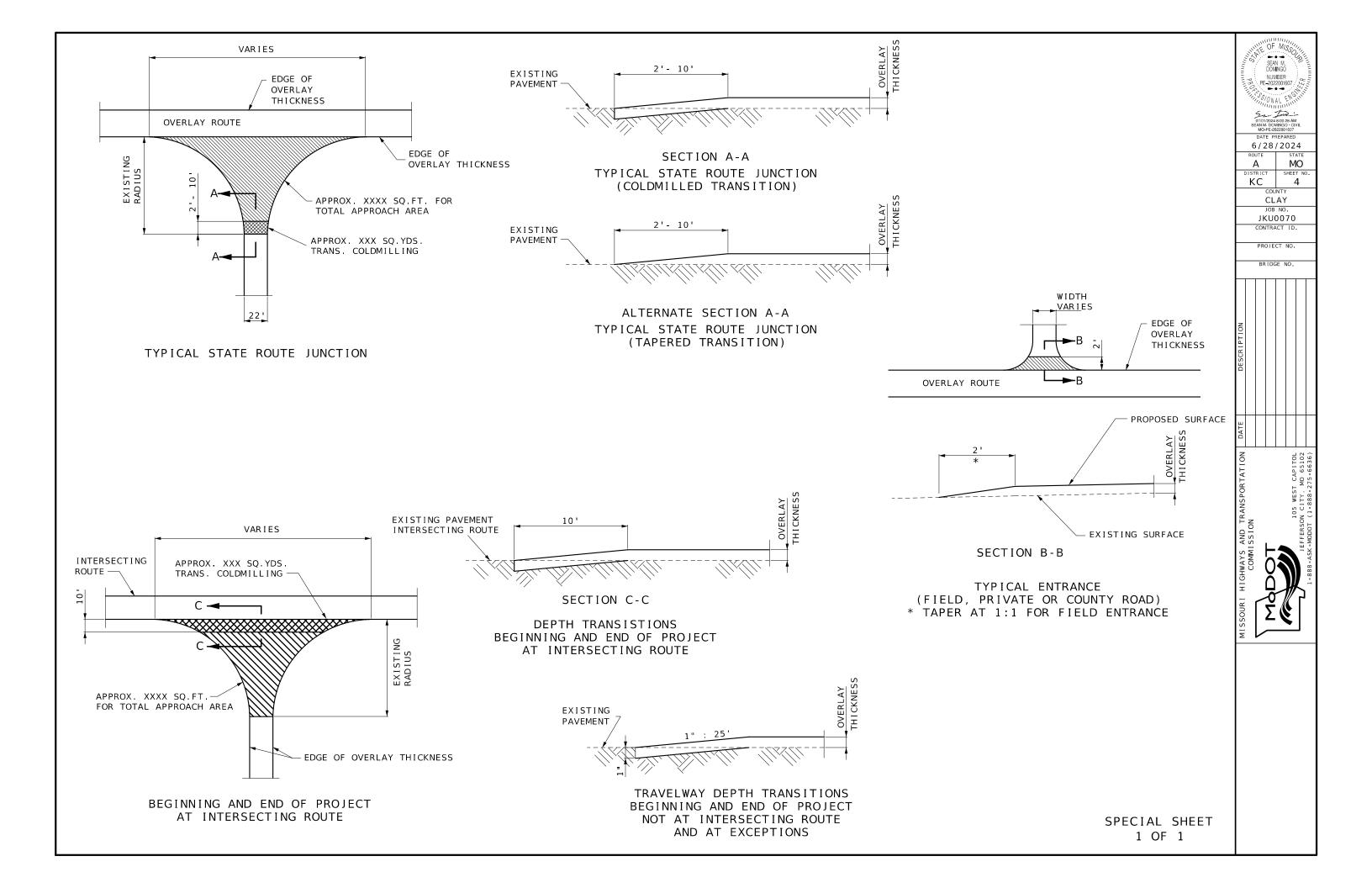
	RUMBLE STRIPS										
				BITUMINOUS	SHOULDER						
				SHOULDER	RUMBLE STRIP						
BEGIN SB	END SB		LENGTH	RUMBLE STRIP	DEDUCTIONS						
LOG MILE	LOG MILE	ROADWAY	(FT.)	(STA.)	(FT.)	REMARKS					
0	1.157	RTE. A	6108.96	54.19	690	MO 92 TO 144TH ST.					
1.16	1.392	RTE. A	1224.96	10.45	180	144TH ST. TO 142ND ST.					
1.395	2.164	RTE. A	4060.32	35.65	495	142ND ST. TO 136TH ST.					
2.168	2.797	RTE. A	3321.12	26.81	640	136TH ST. TO 131ST ST.					
2.801	3.151	RTE. A	1848.00	15.78	270	131ST ST. TO CARRIAGE LN.					
3.154	3.657	RTE. A	2655.84	23.36	320	CARRIAGE LN. TO PROVIDENCE SCHOOL RD./124TH ST.					
3.661	4.153	RTE. A	2597.76	22.13	385	PROVIDENCE SCHOOL RD./124TH ST. TO 120TH ST.					
4.157	4.808	RTE. A	3437.28	30.32	405	120TH ST. TO 115TH ST.					
4.812	5.006	RTE. A	1024.32	7.74	250	115TH ST. TO 113TH ST.					
5.01	5.149	RTE. A	733.92	4.54	280	113TH ST. TO 112TH ST.					
5.153	5.653	RTE. A	2640.00	24.15	225	112TH ST. TO LIBERTY NORTH HIGH SCHOOL ENTRANCE					
			TOTAL	255.12							
			PAY TOTAL	255.1							

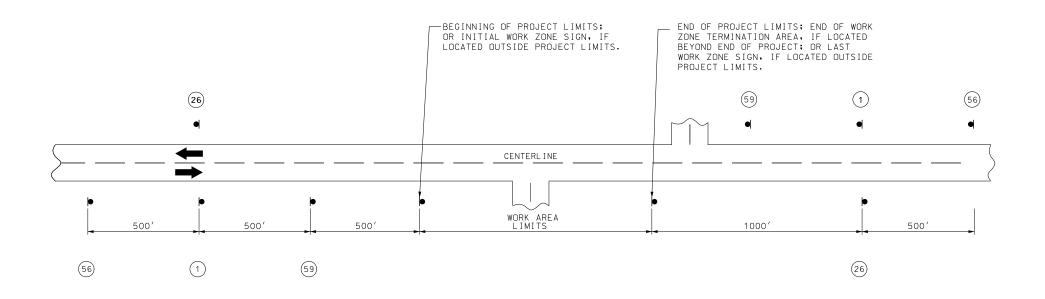
ROAD ENTRANCE RADIUS WIDENINGS								
		CLASS 3	LINEAR GRADING	TYPE 5 AGG. FOR BASE			PIPE COLLAR	
BEGIN	END	EXCAVATION	CLASS 1	(6IN. THICK)	OPTIONAL PAVEMENT	18 IN. PIPE GROUP C	TYPE C	
LOG MILE	LOG MILE	CY	STA	SY	SY	LF	EA	REMARKS
2.165	2.17	15	0.3	20	20	10	1	NE 136TH ST. ENTRANCE (NE RADIUS)
4.154	4.159	15	0.3	20	20	10	1	NE 120TH ST. ENTRANCE (NE RADIUS)
	TOTALS	30	0.6	40	40	20	2	

SUMMARY OF QUANTITIES SHEET 2 OF 3

SEAN M. SOUMNED OF MISSON DOMINGO NUMBER PE-2022001607 OF MISSON DATE PREPARED OF 128 / 2024							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	RO	UTE A			ST	ATE	
	N K	RIC	Т	S	HEE		٥.
			CL	ити АҮ	,		
		Jk	IOB (U	ои О С	70 ID		
				CT		•	
				E 1			
							Γ
DESCRIPTION							
DATE							
HIGHWAYS AND TRANSPORTATION	COMMISSION		LOO		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

					EFFECTIVE: 07-01-2024	miniminu.
TOTAL QTY TOTAL SIG	N	QT	Y TOTAL SIGN			THE OF MISSO
SIZE AREA QTY AREA RELOCRELOC NUM	,		OCRELOC NUM.			SEAN M.
SIGN IN. SQ.FT.EACH SQ.FT. EACH SQ.FT.		SIGN IN SQ.FT EACH SQ.FT EAC		ITEM TOTAL		DOMINGO NUMBER
WARNING SIGNS	DESCRIPTION	GUIDE SIGNS	DESCRIPTION	NUMBER OTY	DESCRIPTION	PE-2022001607
		-	GORE EXIT	<u> </u>	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L 48X48 16.00 WO1-1R 48X48 16.00	TURN (SYMBOL LEFT)	E05-1 36X48 12.00 E05-2 48X36 12.00	EXIT OPEN	6122008		177, SONAL EMILIA
WO1-1R 48X48 16.00 WO1-2L 48X48 16.00	TURN (SYMBOL RIGHT) CURVE (SYMBOL LEFT)	E05-2a 48X36 12.00	EXIT CLOSED	6122010	IMPACT ATTENUATOR 45 MPH (SAND BARRELS) IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	30 toi
WO1-2E 48X48 16.00	CURVE (SYMBOL RIGHT)	GO20-1 60X24 10.00 2 20	ROAD WORK NEXT XX MILES	6122010	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	07/01/2024 1:11:54 PM SEAN M. DOMINGO - CIVIL MO-PE-2022001607
WO1-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT)	GO20-2 48X24 8.00 2 16	END ROAD WORK	6122014	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	DATE PREPARED
WO1-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT)	GO20-4 36X18 4.50 2 9	PILOT CAR FOLLOW ME	6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	7/1/2024
WO1-4L 48X48 16.00	REVERSE CURVE (SYMBOL LEFT)	GO20-4a 42X30 8.75 6 52.5	PILOT CAR IN USE WAIT & FOLLOW	6122019	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE STAT
WO1 - 4R	REVERSE CURVE (SYMBOL RIGHT)	GO20 -4a 18X12 1.50	PILOT CAR IN USE WAIT & FOLLOW	6122020	REPLACEMENT SAND BARREL	A MC
WO1-4bL 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP 36X24 6.00	WORK ZONE (PLAQUE)	6122030	IMPACT ATTENUATOR (RELOCATION)	DISTRICT SHEET
WO1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 8a 24X18 3.00	END DETOUR	6123001	TRUCK MOUNTED ATTENUATOR (TMA)	KC 3
WO1-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L 48X36 12.00	DETOUR (LEFT)	6161008	ADVANCED WARNING RAIL SYSTEM	CLAY
WO1-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R 48X36 12.00	DETOUR (RIGHT)	6161012	BUOYS (BOATS KEEP OUT)	JOB NO.
WO1-6 60X30 12.50	HORIZONTAL ARROW (SYMBOL)	MO4-9P 48X12 4.00	STREET NAME (PLAQUE)	6161013	BUOYS (NO WAKE)	JKU0070
WO1-6a 72X36 18.00	HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L 48X18 6.00	DETOUR ARROW (LEFT)	6161014	SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT ID.
WO1-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R 48X18 6.00	DETOUR ARROW (RIGHT)	6161025 50	CHANNELIZER (TRIM LINE)	
WO1-7a 72X36 18.00	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY S		6161030	TYPE III MOVEABLE BARRICADE	PROJECT NO.
WO1-8 18X24 3.00	CHEVRON (SYMBOL)	R1-1 48X48 13.25	STOP	6161033	DIRECTION INDICATOR BARRICADE	
WO1-8a 30X36 7.50	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2 48TRI 6.93	YIELD	6161040	FLASHING ARROW PANEL	BRIDGE NO.
WO3-1 48X48 16.00	STOP AHEAD (SYMBOL)	R1-2a 36X36 9.00	TO ONCOMING TRAFFIC (PLAQUE)	6161047	TYPE III OBJECT MARKER	
WO3-2 48X48 16.00	YIELD AHEAD (SYMBOL)	R1-3P 30X12 2.50	ALL WAY (PLAQUE)	6161055	SEQUENTIAL FLASHING WARNING LIGHT	$\parallel \parallel \parallel \parallel \parallel \parallel \parallel \parallel$
WO3-3 48X48 16.00	SIGNAL AHEAD (SYMBOL)	R2-1 36X48 12.00	SPEED LIMIT XX	6161070	TUBULAR MARKER	$\parallel \parallel \parallel \parallel \parallel \parallel \parallel \parallel$
WO3-4 48X48 16.00 6 96	BE PREPARED TO STOP	R3-1 48X48 16.00	NO RIGHT TURN (SYMBOL)	6161095	RADAR SPEED ADVISORY SYSTEM	$\parallel \parallel \parallel \parallel \parallel \parallel \parallel \parallel$
WO3-5 48X48 16.00	SPEED LIMIT AHEAD	R3-2 48X48 16.00	NO LEFT TURN (SYMBOL)		CHANGEABLE MESSAGE SIGN,	
WO4-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)	R3-3 36X36 9.00	NO TURNS	6161096	COMMISSION FURNISHED/RETAINED	[5]
WO4-1R 48X48 16.00	MERGE (SYMBOL FROM RIGHT)	R3-4 48X48 16.00	NO U-TURN (SYMBOL)	2	CHANGEABLE MESSAGE SIGN W/O COMM.	<u> </u>
WO4-1aL 48X48 16.00	MERGE (LEFT)	R3-7L 30X30 6.25	LEFT LANE MUST TURN LEFT	6161098A	INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO4-1aR 48X48 16.00	MERGE (RIGHT)	R3-7R 30X30 6.25	RIGHT LANE MUST TURN RIGHT		CHANGEABLE MESSAGE SIGN WITH COMM.	
WO5-1 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS	R4-1 36X48 12.00	DO NOT PASS	6161099	INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO5-3 48X48 16.00	ONE LANE BRIDGE	R4-2 36X48 12.00	PASS WITH CARE	6162000A	WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-5 48X48 16.00	NARROW LANES	R4-7a 36X48 12.00	KEEP RIGHT (HORIZONTAL ARROW)	6162002	TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)	R4-8a 36X48 12.00	KEEP LEFT (HORIZONTAL ARROW)		TEMPORARY TRAFFIC BARRIER	
WO6-2 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5-1 30X30 6.25	DO NOT ENTER	6173600D	CONTRACTOR FURNISHED/RETAINED	
WO6-3 48X48 16.00	TWO WAY TRAFFIC (SYMBOL)	R5-1a 36X24 6.00	WRONG WAY		TEMPORARY TRAFFIC BARRIER	
WO7-3a 30X24 5.00	NEXT XX MILES (PLAQUE)	R6-1L 54X18 6.75	ONE WAY ARROW (LEFT)	6173602B	CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO8-1 48X48 16.00	BUMP	R6-1R 54X18 6.75	ONE WAY ARROW (RIGHT)	6174000A	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-2 48X48 16.00	DIP	R6-2L 24X30 5.00	ONE WAY (LEFT)	6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	Z j
WO8-3 48X48 16.00	PAVEMENT ENDS	R6-2R 24X30 5.00	ONE WAY (RIGHT)		TEMPORARY TRAFFIC BARRIER	ORTATION T CAPITOL
WO8-4 48X48 16.00	SOFT SHOULDER	R9-9 24X12 2.00	SIDEWALK CLOSED	6176000B	COMMISSION FURNISHED/RETAINED	A A
WO8-5 48X48 16.00	SLIPPERY WHEN WET (SYMBOL)	<u> </u>	SIDEWALK CLOSED AHEAD,		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	TE 25
WO8-6 48X48 16.00	TRUCK CROSSING	R9-11L 24X18 3.00	(ARROW LEFT) CROSS HERE	6177000B	COMMISSION FURNISHED/RETAINED	PO ES.
WO8-6c 48X48 16.00	TRUCK ENTRANCE	<u> </u>	SIDEWALK CLOSED AHEAD,	6208064A	TEMPORARY RAISED PAVEMENT MARKER	SZ >
WO8-7 36X36 9.00	LOOSE GRAVEL	R9-11R 24X18 3.00	(ARROW RIGHT) CROSS HERE	9029400	TEMPORARY TRAFFIC SIGNALS	TRANS
WO8-7a 36X36 9.00	FRESH OIL / LOOSE GRAVEL	R10-6 24X36 6.00	STOP HERE ON RED (45^ ARROW)	9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-9 48X48 16.00	LOW SHOULDER	R11-2 48X30 10.00	ROAD CLOSED			AND SSIO
W08-11 48X48 16.00 2 32	UNEVEN LANES	 -	ROAD CLOSED XX MILES AHEAD			
W08-12 48X48 16.00 2 32	NO CENTER LINE	R11-3a 60X30 12.50	LOCAL TRAFFIC ONLY			S× ₹
W08-15 48X48 16.00	GROOVED PAVEMENT	R11-4 60X30 12.50	ROAD CLOSED TO THRU TRAFFIC			 ≸8 () \
W08-15P 30X24 5.00	MOTORCYCLE (PLAQUE)	CONST - 34 60X48 20.00	FINE SIGN			5 × \
WOS-17L 48X48 16.00	SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X 56X12 4.67	SPEEDING/PASSING (PLATE)			
W08-17R 48X48 16.00	SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOU				I- /0///
W08-17P 30X24 5.00	SHOULDER DROP-OFF (PLAQUE)	CONST 5 06 V 48 32 00	POINT OF PRESENCE			₩
W10-1 42RND. 9.62	RAILROAD CROSSING	CONST 9 48236 13 00 3 34	POINT OF PRESENCE			S ~
W012-1 24X24 4.00	DOUBLE DOWN ARROW (SYMBOL)	CONST-8 48X36 12.00 2 24	WORK ZONE NO PHONE ZONE			Is
W012-2 48X48 16.00	LOW CLEARANCE (SYMBOL)	1				Σ
W012-2x 24X18 3.00	LOW CLEARANCE (PLAQUE)	1				
W012-2a 84X24 14.00 W012-4 120X60 50.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)	1				
	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	1				
W012-5 120X60 50.00 W013-1 30X30 6.25	ADVISORY SPEED (PLAQUE)					
WO16-2 30X24 5.00 WO16-3 30X24 5.00	XXX FEET (PLAQUE) X MILE (PLAQUE)					
W016-3 30X24 5.00 W020-1 48X48 16.00 8 128	ROAD WORK AHEAD	11 + + + + + + + + + + + + + + + + + +				
WO20-1 48X48 16.00 8 128 WO20-2 48X48 16.00	DETOUR AHEAD	11				
WO20-3 48X48 16.00	ROAD CLOSED AHEAD	616-10.05 TOTAL		1		
WO20-4 48X48 16.00 2 32	ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS 574				
WO20-5 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10	TOTAL			
WO20-5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS	0			
W020-6a 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED	MELOCATED STONS				
WO20-7a 48X48 16.00 8 128	FLAGGER (SYMBOL)	1				
W021-2 36X36 9.00	FRESH OIL	1				
W021-5 48X48 16.00	SHOULDER WORK / SHOULDER WORK AHEAD	1				
W021-3 48X48 16.00 W022-1 48X48 16.00	BLASTING ZONE AHEAD	1				
W022-2 42X36 10.50	TURN OFF 2-WAY RADIO AND PHONE	1			SUMMADY OF OUANITITIES SUSET	
W022-3 42X36 10.50	END BLASTING ZONE	1			SUMMARY OF QUANTITIES SHEET 3 OF 3	
		T. Control of the con			3 UF 3	1
GO22-1 21X15 2.19 2 4.38	WET PAINT (ARROW PIVOTS)	1				



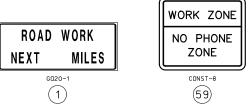


NOTES:

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.



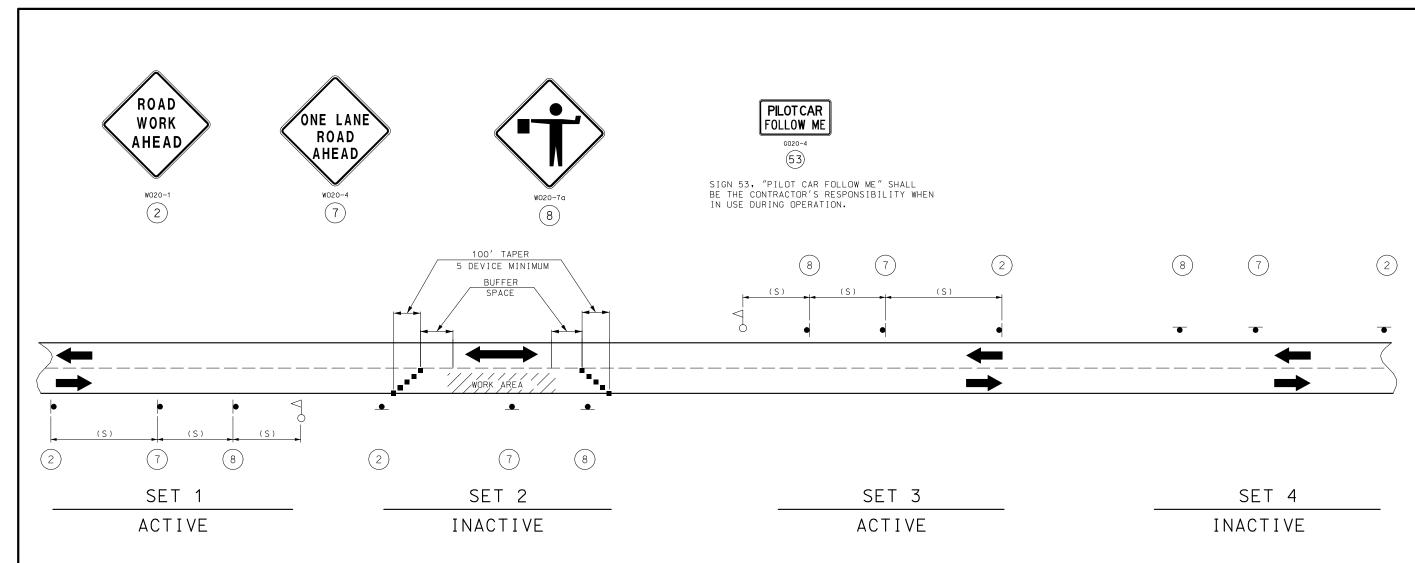


END

ROAD WORK

G020-2

26)



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	280
40-45	350	400
50-55	500	560
60-70	1000	840

(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.

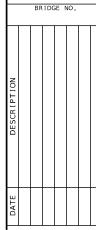
TRAFFIC CONTROL SHEET 2 OF 5

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DATE PREPARED
6/28/2024
ROUTE STATE
A MO
DISTRICT SHEET NO.
KC 6
COUNTY
CLAY

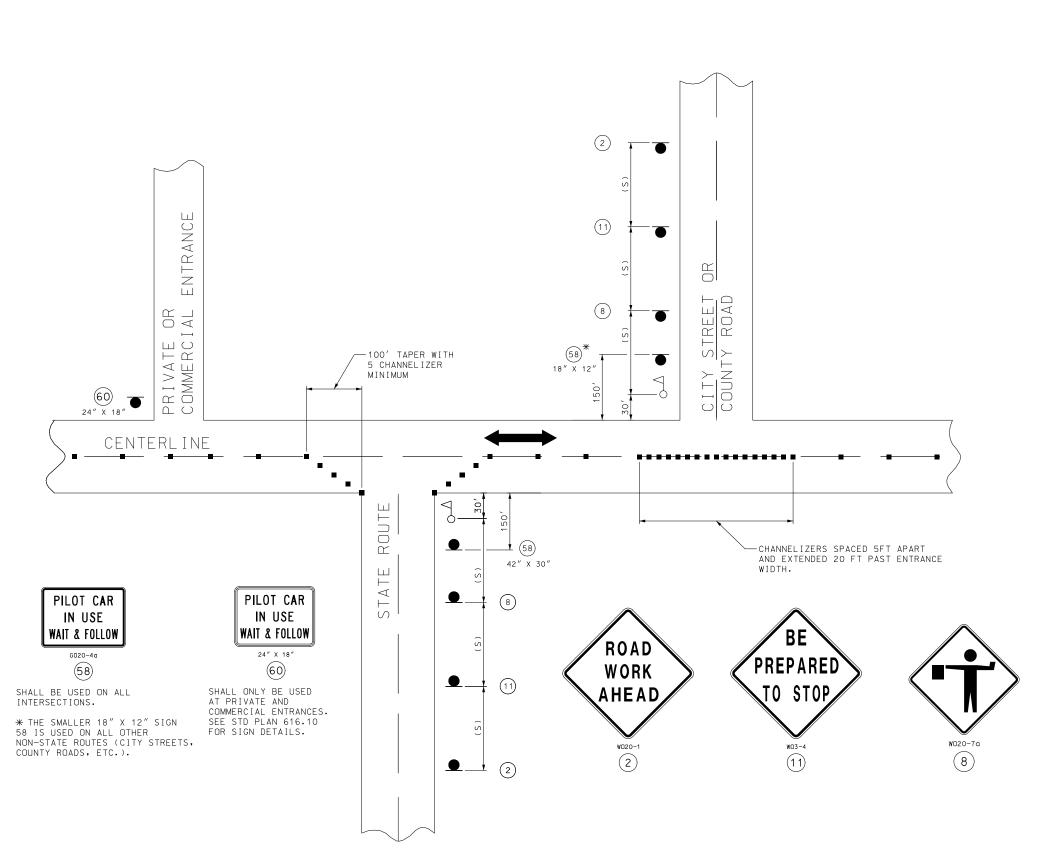
JOB NO.
JKU0070
CONTRACT ID.

PROJECT NO.



SOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
TO DOT

105 WEST CAPITOL
HEFFERSON CITY, MO 65102



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.

NOTES

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

SEAN M.
DOMINGO
NUMBER
PE-2022001607

07/01/2024 8:02:51 AM SEAN M. DOMINGO - CIVIL MO-PE-2022001607 DATE PREPARED

6/28/2024

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A MO
DISTRICT SHEET NO.
7

COUNTY

JOB NO.
JKU0070
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

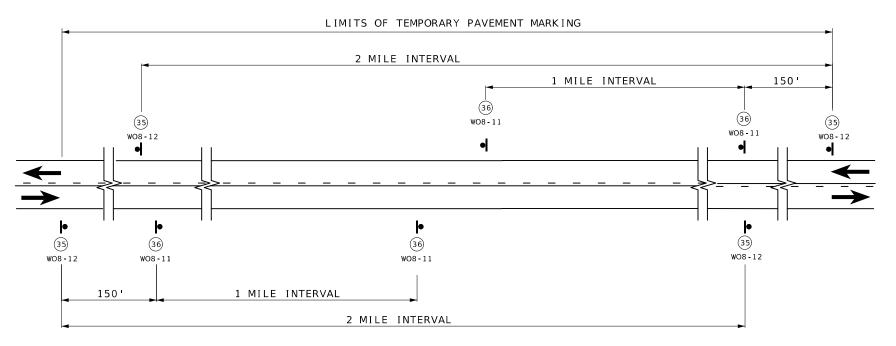
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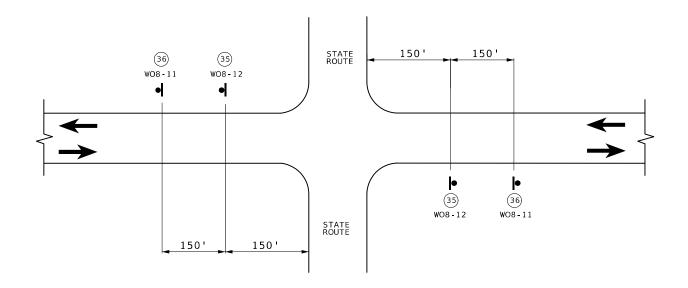
TODOT

105 WEST CAPITO
LEFFERSON CITY, MO 6510

TRAFFIC CONTROL SHEET 3 OF 5



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE





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.

SEAN M. DOMINGO NUMBER S/ONAL E 6/28/2024 Α MO SHEET NO KC 8 CLAY IOB NO JKU0070 CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 4 OF 5

