DESIGN DESIGNATION

A.A.D.T. - 2022 = 1734A.A.D.T. - 2031 = 1813 D.H.V. = 9% V = 60 M.P.H.

FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

NO ADDITIONAL RIGHT OF WAY IS REQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS

(USED IN PLANS	;)	
	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	-F0- -OTV- -UTV- - OT- - UT- - OE- - UE- - SS- - G- - W-	-F0 -OTV -UTV -OT -UT -OE -UE -S -SS -G -W
MANHOLE	SAN HYD)
FIRE HYDRANT	wv	j
WATER VALVE	C	€
WATER METER	₽ww)
DROP INLET	, 	
DITCH BLOCK	=	⊭
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		7
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE	PED _	7
CHAIN LINK WOVEN WIRE	— V	
GATE POST	X	•

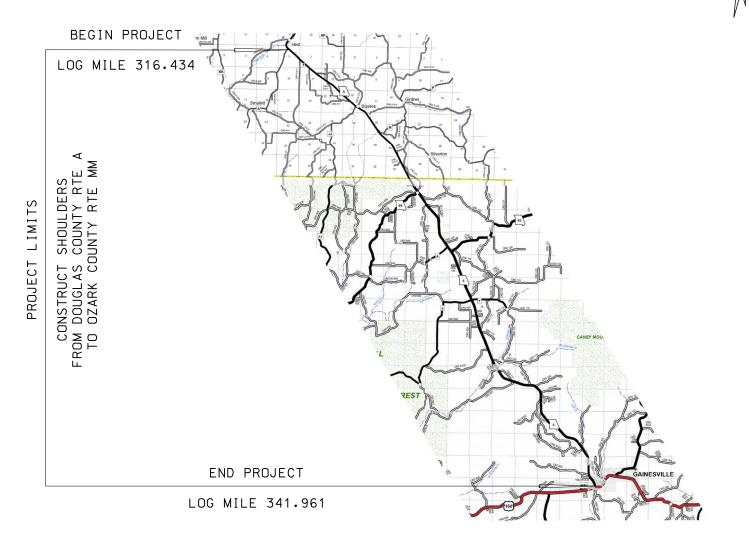
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

BENCHMARK

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

DOUGLAS COUNTY & OZARK 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) (2 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4-7
TRAFFIC CONTROL SHEETS (TC)	8-11

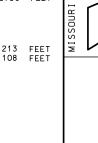
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DISTRICT	SHEET NO.	
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	S/OZARK	SVH
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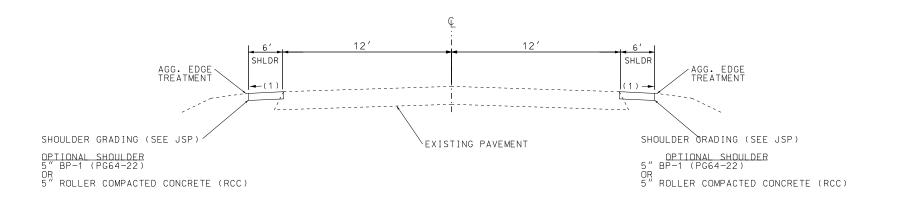
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	CONTRACT ID.									
	PROJECT NO.									
		BR	IDO	E N	۱0۰					
DESCRIPTION										
DATE										
Z						2	_			

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE 316.434	
END OF PROJECT	LOG MILE 341.961	
APPARENT LENGTH	134782.56	FEET
EQUATIONS AND EXCEPTION	IS:	
BRIDGE A2086	213	FEET



TOTAL CORRECTIONS	321	FEET
NET LENGTH OF PROJECT	134461.56	FEET
STATE LENGTH	25.466	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES



PROPOSED SECTION ON TANGENT TYPICAL SECTION RTE 5

LOG	MILE	316.434	TO	320.497	L	OG	MILE	328.368	TO	328.647
LOG	MILE	320.519	TO	322.034	L	OG	MILE	328.665	TO	330.988
LOG	MILE	322.054	TO	322.548	L	OG	MILE	331.006	TO	333.941
LOG	MILE	322.552	TO	322.813	L	OG	MILE	333.959	TO	334.247
LOG	MILE	322.825	TO	324.020	L	OG	MILE	334.286	ΤO	336.022
LOG	MILE	324.038	TO	325.402	L	OG	MILE	336.038	TO	336.294
LOG	MILE	325.420	TO	325.404	L	OG	MILE	336.307	TO	336.820
LOG	MILE	325.418	TO	325.519	L	OG	MILE	336.829	TO	340.753
LOG	MILE	325.531	TO	325.621	L	OG	MILE	340.772	TO	341.149
LOG	MILE	325.635	TO	326.084	L	OG	MILE	341.169	ΤO	341.642
LOG	MILE	326.104	TO	327.154	L	OG	MILE	341.660	TO	341.648
LOG	MILE	327.174	TO	327.867	L	OG	MILE	341.666	TO	341.907
LOG	MILE	327.876	ΤO	328.348	L	OG	MILE	341.927	ΤO	341.961

NOTES:

(1) PROVIDE -4% SHOULDER CROSS SLOPE (MAXIMUM OF -6% AT GUARDRAIL LOCATIONS). FINISHED MEASURE BETWEEN TOP OF GUARDRAIL W-BEAM AND TOP OF FINISHED SHOULDER SHALL NOT BE LESS THAN 28.25"

EXISTING TYPICALS ARE FOR INFORMATION ONLY. PAVEMENT LAYERS MAY VARY FROM TYPICALS.

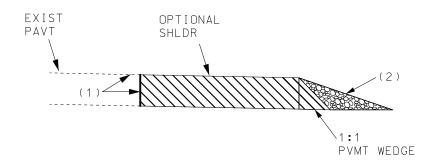
DRAWING NOT TO SCALE, FOLLOW DIMENSIONS,

LOG MILE LOCATIONS APPROXIMATE. ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS.



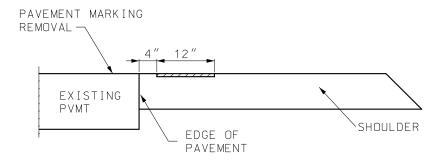
SECTION 1 OF 2 TYPICAL SHEET

SHOULDER DETAIL

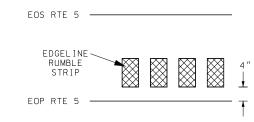


- (1) VERTICAL FACE TO BE LOCATED AT THE EDGE OF THE FULL DEPTH PAVEMENT. VERTICAL FACE SHALL BE PROVIDED BY EITHER MILLING OR SAW CUTTING AT NO DIRECT PAY AND SHALL BE TACKED PRIOR TO PAVING AT NO DIRECT PAY. AFTER EXISTING EDGELINE PAVEMENT PAVEMENT MARKING HAS BEEN REMOVED 8" OF THE EXISTING PAVEMENT SHALL BE TACKED PRIOR TO PAVING AT NO DIRECT PAY. TACK SHALL BE SS-1H AND BE APPLIED AT 0.08 GAL/SY.
- (2) AGGREGATE EDGE TREATMENT SHALL BE APPLIED TO RT & LT TO ACHIEVE A 3:1 SLOPE FOR ENTIRE LENGTH OF PROJECT.

EDGELINE RUMBLE STRIP LOCATION



EDGELINE RUMBLE STRIP LOCATION



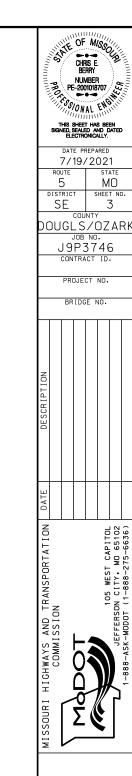
EDGELINE RUMBLE STRIP LOCATION (TOP ELEVATION)



YPICAL SECTION SHEET 2 OF 2

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

								OPTIONAL SHOUL	DERS AND EN	TRANCES
							5" OPTIONAL	BITUMINOUS		
							SHOULDER	PAVEMENT MIXTURE		
							PG 64-22 (BP-1)	PG 64-22 (BP-1)	TACK	
LOG MI	LOG MI	LOC	TYPE	LENGTH	WIDTH	DEPTH		(2.027 TON/CY)	(0.08 GAL/SY)	REMARKS
LOG WII	LOG MI	LUC	1111		1					INEMAINS
			. ,	FT	FT	ΙN	TONS	TON	GAL	
316.434	341.961	LT	2' SHOULDER	134783	6	5	25296.7			START PROJECT @ SOUTH SIDE OF DOUGLAS COUNTY ROUTE A INTERSECT TO
										END OF PROJECT @ NORTH SIDE OF OZARK COUNTY FIRST ST./RTE. MM INTERSECT
316.434	341.961	RT	2' SHOULDER	134783	6	5	25296.7			START PROJECT @ SOUTH SIDE OF DOUGLAS COUNTY ROUTE A INTERSECT TO
										END OF PROJECT @ NORTH SIDE OF OZARK COUNTY FIRST ST./RTE. MM INTERSECT
320.497	320.519	RT	NO SHOULDER	(115)	6	5	(21.6)			SKIP PAVED INTERSECTION - ROUTE JJ
322.034		LT	NO SHOULDER	(105)	6	5	(19.7)			SKIP PAVED INTERSECTION - ROUTE N
324.020		LT	NO SHOULDER	(100)	6	5	(18.8)			SKIP PAVED INTERSECTION - CRD 319 / 315
325.402		RT	NO SHOULDER	(95)	6	5	(17.8)			SKIP PAVED INTERSECTION - MO 95, N
325.404	325.418	LT	NO SHOULDER	(75)	6	5	(14.1)			SKIP PAVED INTERSECTION - CRD 131
325.519	325.531	LT	NO SHOULDER	(65)	6	5	(12.2)			SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
325.621	325.635	LT	NO SHOULDER	(75)	6	5	(14.1)			SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
326.084	326.104	LT	NO SHOULDER	(110)	6	5	(20.6)			SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
327.154	327.174	LT	NO SHOULDER	(105)	6	5	(19.7)			SKIP PAVED INTERSECTION - CRD 5-129
28.348	328.368	RT	NO SHOULDER	(105)	6	5	(19.7)			SKIP PAVED INTERSECTION - ROUTE A
28.647	328.665	LT	NO SHOULDER	(95)	6	5	(17.8)			SKIP PAVED INTERSECTION - MO 95, S
30.988	331.006	LT	NO SHOULDER	(95)	6	5	(17.8)			SKIP PAVED INTERSECTION - ROUTE Y
330.988	331.006	RT	NO SHOULDER	(95)	6	5	(17.8)			SKIP PAVED INTERSECTION - ROUTE Z
333.941	333.959	RT	NO SHOULDER	(90)	6	5	(16.9)			SKIP PAVED INTERSECTION - CRD 833
334.247	334.286	LT	NO SHOULDER	(213)	6	5	(40.0)			SKIP BRIDGE A2086
34.247	334.286	RT	NO SHOULDER	(213)	6	5	(40.0)			SKIP BRIDGE A2086
336.022	336.038	LT	NO SHOULDER	(80)	6	5	(15.0)			SKIP PAVED INTERSECTION - CRD 108
340.753	340.772	LT	NO SHOULDER	(108)	6	5	(20.3)			SKIP BRIDGE H0036
	340.772	RT	NO SHOULDER	(108)	6	5	(20.3)			SKIP BRIDGE H0036
341.149	341.169	RT	NO SHOULDER	(110)	6	5	(20.6)			SKIP PAVED INTERSECTION - CST OLD HWY 5, N
	341.660	RT	NO SHOULDER	(95)	6	5	(17.8)			SKIP PAVED INTERSECTION - CST OLD HWY 5, S
341.648		LT	NO SHOULDER	(100)	6	5	(18.8)			SKIP PAVED INTERSECTION - CST THIRD ST
341.907	341.927	LT	NO SHOULDER	(110)	6	5	(20.6)			SKIP PAVED INTERSECTION - CST BAKER ST
322.548		LT	NO SHOULDER	(25)	6	5	(4.7)			SKIP PAVED PRIVATE ENTRANCE
322.813		RT	NO SHOULDER	(80)	6	5	(15.0)			SKIP PAVED PRIVATE ENTRANCE
327.867	327.876	RT	NO SHOULDER	(50)	6	5	(9.4)			SKIP PAVED PRIVATE ENTRANCE
336.294		LT	NO SHOULDER	(70)	6	5	(13.1)			SKIP PAVED PRIVATE ENTRANCE
336.820	336.829	RT	NO SHOULDER	(50)	6	5	(9.4)			SKIP PAVED PRIVATE ENTRANCE
	341.961	LT	SHLDR EDGE	134783	0.42	0.42	878.4	1		1:1 WEDGE AT EOS, LT
316.434	341.961	RT	SHLDR EDGE	134783	0.42	0.42	878.4			1:1 WEDGE AT EOS, RT
VARIES	_	LT/RT	APRONS	84	10	5		972.2	276	AGGREGATE CITY STREETS /COUNTY ROADS [37 @ 84' L × ADDITIONAL 10' W]
.,			7	<u> </u>	1	TOTAL	51836.5	972.2	276	THE TAX THE PROPERTY OF THE PR
						USE		08.7	276	1



SUMMARY SHEET SHEET 1 OF 3

LOG MI 316.434	LOG MI	LOC			
316.434			LENGTH	LENGTH	REMARKS
316.434			FT	STA	
	341.961	LT	134782,56		START PROJECT @ SOUTH SIDE OF DOUGLAS COUNTY ROUTE A INTERSECT TO
	0111001	- '	101102100		END OF PROJECT @ NORTH SIDE OF OZARK COUNTY FIRST ST./RTE, MM INTERSECT
746 474	7.44 0.04	DT	474700 50		
316.434	341.961	RT	134782.56		START PROJECT @ SOUTH SIDE OF DOUGLAS COUNTY ROUTE A INTERSECT TO
					END OF PROJECT @ NORTH SIDE OF OZARK COUNTY FIRST ST./RTE, MM INTERSECT
320.497	320,519	RT	(115.00)		SKIP PAVED INTERSECTION - ROUTE JJ
322.034	322.054	LΤ	(105.00)		SKIP PAVED INTERSECTION - ROUTE N
324.020	324.038	LΤ	(100.00)		SKIP PAVED INTERSECTION - CRD 319 / 315
325.402	325.420	RT	(95.00)	(1.0)	SKIP PAVED INTERSECTION - MO 95, N
325.404	325.418	LT	(75.00)	(0.8)	SKIP PAVED INTERSECTION - CRD 131
325.519	325.531	LT	(65.00)		SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
325.621	325.635	LT	(75.00)		SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
326.084	326.104	LΤ	(110.00)	(1.1)	SKIP PAVED INTERSECTION - CRD 5-129 /OUTER 5
327.154	327.174	LT	(105.00)		SKIP PAVED INTERSECTION - CRD 5-129
328.348	328.368	RT	(105.00)	(1.1)	SKIP PAVED INTERSECTION - ROUTE A
328.647	328.665	LΤ	(95.00)	(1.0)	SKIP PAVED INTERSECTION - MO 95, S
330.988	331.006	LT	(95.00)		SKIP PAVED INTERSECTION - ROUTE Y
330.988	331.006	RT	(95.00)		SKIP PAVED INTERSECTION — ROUTE Z
333.941	333.959	RT	(90.00)	(0.9)	SKIP PAVED INTERSECTION - CRD 833
334.247	334.286	LΤ	(213.00)	(2.1)	SKIP BRIDGE A2086
334.247	334.286	RT	(213.00)	(2.1)	SKIP BRIDGE A2086
336.022	336.038	LΤ	(80.00)	(0.8)	SKIP PAVED INTERSECTION - CRD 108
340.753	340.772	LΤ	(108.00)		SKIP 'BRIDGE H0036
340.753	340.772	RT	(108.00)	(1.1)	SKIP 'BRIDGE H0036
341.149	341.169	RT	(110.00)	(1.1)	SKIP INTERSECTION - CST OLD HWY 5, N
341.642	341.660	RT	(95.00)		SKIP INTERSECTION - CST OLD HWY 5, S
341.648	341.666	LΤ	(100.00)	(1.0)	SKIP INTERSECTION - CST THIRD ST
341.907	341.927	LΤ	(110.00)	(1.1)	SKIP INTERSECTION - CST BAKER ST
VARIES	-	LT/RT	(275.00)	(2.8)	SKIP PAVED PRIVATE ENTRANCES [5 @ 55'L EA.]
	•		TOTAL	2667.6	

		G				
			WATERBORNE	WATERBORNE	WATERBORNE	
			PAVEMENT	PAVEMENT	PAVEMENT	
			MARKING	MARKING	MARK ING	
			TYPE P BEADS	TYPE P BEADS	TYPE P BEADS	
LOG MI LOG MI LENGTH		LENGTH	4" SOLID YELLOW	4" INT YELLOW	4" SOLID WHITE	REMARKS
		FT	LF	LF	LF	
316.434	341.961	134783	126366	26024	269565	FINAL PAVEMENT MARKING
		TOTAL	126366	26024	269565	
		USE		152390	269565	

316.434 341.961 134783 134783 REMOVAL OF EXISTING EDGE				PAVEMENT MARKING REMOVA PAVEMENT	
316.434 341.961 134783 134783 REMOVAL OF EXISTING EDGE 316.434 341.961 134783 134783 REMOVAL OF EXISTING EDGE	LOG MI LC	OG MI	LENGTH	MARKING REMOVAL	
316.434 341.961 134783 134783 REMOVAL OF EXISTING EDGE			FT	LF	
	316.434 34	41.961	134783	134783	REMOVAL OF EXISTING EDGELIN
TOTAL 200500	316.434 34	41.961	134783	134783	REMOVAL OF EXISTING EDGELIN
IUIAL			TOTAL	269566	

			RUMBLE STF	RIPS	
		LENGTH	EXCEPTIONS	SHOULDER	
LOG MI	LOG MI	LT/RT	LT/RT	RUMBLE	REMARKS
		FT	FT	STA	
316.434	341.961	269565	52672	2168.9	4" FROM EOP TO JOINT
			TOTAL	2168.9	

GRAVEL A OR CRUSHED STONE B						
LOG	LOG		REMARKS			
MILE	MILE	TON				
VARIES	=	136	136 NON-PAVED PRIVATE /COMM ENTRANCES [1 TON EA.]			
VARIES	_	74	37 NON-PAVED CITY/COUNTY ROADS [2 TON EA.]			
316.434	341.961	1022	AGGREGATE EDGE TREATMENT LT [40 TONS/MI.]			
316.434	341.961	1022	AGGREGATE EDGE TREATMENT RT [40 TONS/MI.]			
2254 TOTAL						
USE GRAVEL AT ENTRANCES AS DIRECTED BY ENGINEER						

MOBIL	IZAT	ION
LUMP	SHM	1



SUMMARY SHEET SHEET 2 OF 3

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS. LOG MILE LOCATIONS APPROXIMATE. ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS

									EFFECTIVE: 04-01-2021
TOTAL QTY TOTAL SIGN					QTY TOTAL SIGN				
SIZE AREA QTY AREA RELOC RELOC NUM	•		1 1 1		RELOC RELOC NUM.				
SIGN IN SQ.FT. EACH SQ.FT. EACH SQ.FT.		SIGN	IN. SQ.FT. EACH					TOTAL	
WARNING SIGNS	DESCRIPTION	 		DE SI		DESCRIPTION	NUMBER		DESCRIPTION
W01-1L 48X48 16.00	TURN (SYMBOL LEFT ARROW) TURN (SYMBOL RIGHT ARROW)	E05-1 E05-2	36X48 12.00 48X36 12.00			GORE EXIT EXIT OPEN	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS) IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
W01-1R 46X46 16.00	CURVE (SYMBOL LEFT ARROW)	E05-2a	48X36 12.00			EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
W01-2R 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)	G020-1	60X24 10.00 2	20.00		ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)	G020-2	48X24 8.00 2			END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW)	GD20-4	36X18 4.50 1	4.50		PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
W01-4L 48X48 16.00	REVERSE CURVE (SYMBOL LEFT ARROW)	11	42X30 8.75 10	87.50		PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
W01-4R 48X48 16.00	REVERSE CURVE (SYMBOL RIGHT ARROW) DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	11	18X12 1.50 36X24 6.00			PILOT CAR IN USE WAIT & FOLLOW WORK ZONE (PLAQUE)	6122020		REPLACEMENT SAND BARREL IMPACT ATTENUATOR (RELOCATION)
W01-4bE 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	11	24X18 3.00			END DETOUR	6123000		TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
WO1-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-9L	48X36 12.00			DETOUR (LEFT ARROW)	6161008		ADVANCED WARNING RAIL SYSTEM
WO1-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-9R	48X36 12.00			DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)
W01-6 60X30 12.50	HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12 4.00			STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
W01-6a 72X36 18.00	HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	1 1		-		DETOUR (ARROW LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
W01-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL) DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	MU4-10R	48X18 6.00	RECLU	ATORY SIGNS	DETOUR (ARROW RIGHT)	6161025 6161030		CHANNELIZER (TRIM LINE) TYPE III MOVEABLE BARRICADE
W01-8 18X24 3.00	CHEVRON (SYMBOL)	R1-1	48X48 13.25	TIE GOL		STOP	6161033		DIRECTION INDICATOR BARRICADE
W01-8a 30X36 7.50	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI. 6.93			YIELD YIELD	6161040		FLASHING ARROW PANEL
WO3-1 48X48 16.00	STOP AHEAD (SYMBOL)	R1-2a	36X36 9.00			TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER
W03-2 48X48 16.00	YIELD AHEAD (SYMBOL)	R1-3P	30X12 2.50			ALL WAY (PLAQUE)	6161051		WARNING LIGHT, TYPE A
W03-3 48X48 16.00	SIGNAL AHEAD (SYMBOL) BE PREPARED TO STOP	R2-1 R3-1	36X48 12.00 48X48 16.00	-		SPEED LIMIT XX NO RIGHT TURN (SYMBOL)	6161052		WARNING LIGHT, TYPE B WARNING LIGHT, TYPE C
W03-4 48X48 16.00 7 112.00 W03-5 48X48 16.00	SPEED LIMIT AHEAD	R3-2	48X48 16.00			NO LEFT TURN (SYMBOL)	6161053 6161070		TUBULAR MARKER
W04-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)	R3-3	36X36 9.00			NO TURNS	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1R 48X48 16.00	MERGE (SYMBOL FROM RIGHT)	R3-4	48X48 16.00			NO U-TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN,
WO4-1aL 48X48 16.00	MERGE (ARROW SYMBOL)	R3-7L	30X30 6.25			LEFT LANE MUST TURN LEFT	6161096		COMMISSION FURNISHED/RETAINED
WO4-1aR 48X48 16.00	MERGE (ARROW SYMBOL)	R3-7R	30X30 6.25			RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN W/O COMM.
W05-1 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS	R4-1 R4-2	36X48 12.00			DO NOT PASS	6161098	4	INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-3 48X48 16.00 W05-5 48X48 16.00	ONE LANE BRIDGE NARROW LANES	R4-2	36X48 12.00 36X48 12.00			PASS WITH CARE KEEP LEFT (HORIZONTAL ARROW)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W06-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48 12.00			KEEP RIGHT (HORIZONTAL ARROW)	61620004		WORK ZONE TRAFFIC SIGNAL SYSTEM
W06-2 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30 6.25			DO NOT ENTER	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO6-3 48X48 16.00	TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24 6.00			WRONG WAY	6162004	4	TEMPORARY SHORT-TERM RUMBLE STRIPS
WO7-3a 30X24 5.00	NEXT XX MILES (PLAQUE)	R6-1L	54X18 6.75			ONE WAY ARROW (LEFT)			TEMPORARY TRAFFIC BARRIER
W08-1 48X48 16.00	BUMP	R6-1R	54X18 6.75			ONE WAY (LEET)	61736000		CONTRACTOR FURNISHED/RETAINED
W08-2 48X48 16.00	DIP PAVEMENT ENDS	R6-2L R6-2R	24X30 5.00 24X30 5.00			ONE WAY (LEFT) ONE WAY (RIGHT)	6173602E	3	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
W08-4 48X48 16.00	SOFT SHOULDER	R9-9	24X12 2.00			SIDEWALK CLOSED	61740004		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-5 48X48 16.00	SLIPPERY WHEN WET (SYMBOL)					SIDEWALK CLOSED AHEAD,	61750104		RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-6 48X48 16.00	TRUCK CROSSING (WITH FLAGS)	R9-11L	24X18 3.00			(ARROW LEFT) CROSS HERE			TEMPORARY TRAFFIC BARRIER
W08-6c 48X48 16.00	TRUCK ENTRANCE	1	2 4 4 4 0 7 0 0			SIDEWALK CLOSED AHEAD,	6176000E	3	COMMISSION FURNISHED/RETAINED
W08-7 36X36 9.00 W08-7a 36X36 9.00	LOOSE GRAVEL FRESH OIL/LOOSE GRAVEL	R9-11R R10-6	24X18 3.00 24X36 6.00			(ARROW RIGHT) CROSS HERE STOP HERE ON RED (45° ARROW)	6177000E		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
W08-9 48X48 16.00	LOW SHOULDER	11	48X30 10.00	+			6208064	_	TEMPORARY RAISED PAVEMENT MARKER
WO8-11 48X48 16.00	UNEVEN LANES	1	13,100,100			ROAD CLOSED XX MILES AHEAD	9029400		TEMPORARY TRAFFIC SIGNALS
WO8-12 48X48 16.00	NO CENTER LINE	-	60X30 12.50			LOCAL TRAFFIC ONLY	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-15 48X48 16.00	GROOVED PAVEMENT	11	60X30 12.50			ROAD CLOSED TO THRU TRAFFIC			
W08-15P 30X24 5.00	MOTORCYCLE (PLAQUE)	1 1	4 60X48 20.00	-		FINE SIGN	<u> </u>	+	<u> </u>
W08-17 48X48 16.00	SHOULDER DROP-OFF (SYMBOL) SHOULDER DROP-OFF (PLAQUE)	CUNS 1 - 37	X 56X12 4.67	MISCE	L LANEOUS SIGNS	SPEEDING/PASSING (PLATE)	-	+	+
W10-1 42RND. 9.62	RAILROAD CROSSING	CONST-5	48X36 12.00	INITOCE		POINT OF PRESENCE		1	+
W012-1 24X24 4.00	DOUBLE DOWN ARROW (SYMBOL)	1 1	96X48 32.00			POINT OF PRESENCE			
W012-2 48X48 16.00	LOW CLEARANCE (SYMBOL)		48X24 8.00 2	16.00		RATE OUR WORK ZONE			
W012-2X 24X18 3.00	LOW CLEARANCE (PLAQUE)	11	72X36 18.00	0.00		RATE OUR WORK ZONE	Ц		
W012-2a 84X24 14.00 W012-4 120X60 50.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES) LOW CLEARANCE XX FT XX IN XX MILES AHEAD	HCUNST-8	48X36 12.00 2	24.00		WORK ZONE NO PHONE ZONE			
W012-4 120X60 50.00 W012-5 120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	1							
W013-1 30X30 6.25	ADVISORY SPEED (PLAQUE)								
W016-2 30X24 5.00	XXX FEET (PLAQUE)								
W016-3 30X24 5.00	X MILE (PLAQUE)								
W020-1 48X48 16.00 12 192.00	ROAD/BRIDGE/RAMP WORK AHEAD								
W020-2 48X48 16.00	DETOUR AHEAD ROAD CLOSED AHEAD	-							
W020-3 48X48 16.00 W020-4 48X48 16.00 6 96.00	ONE LANE ROAD AHEAD	11 616-10	0.05	TOTAL					
W020-5 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD		RUCTION SIGNS	769	⊣ I				
WO20-5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10			TOTAL				

616-10.10 RELOCATED SIGNS

TOTAL

RIGHT/CENTER/LEFT LANE CLOSED

TURN OFF 2-WAY RADIO AND PHONE END BLASTING ZONE
WET PAINT (ARROW PIVOTS)

FLAGGER (SYMBOL, WITH FLAGS)

FRESH OIL

SHOULDER WORK AHEAD BLASTING ZONE AHEAD

2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD

WO20-5a 48X48 16.00

WO20-6a 48X48 16.00

WO21-2 36X36 9.00

W021-5 48X48 16.00 W022-1 48X48 16.00

WO20-7a 48X48 16.00 12 192.00

W022-2 42X36 10.50 W022-3 42X36 10.50 G022-1 21X15 2.19 4 8.76

OF MISSO THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

> 7/19/2021 ROUTE 5 STATE

DISTRICT SHEET NO. SE DOUGLS/OZAR

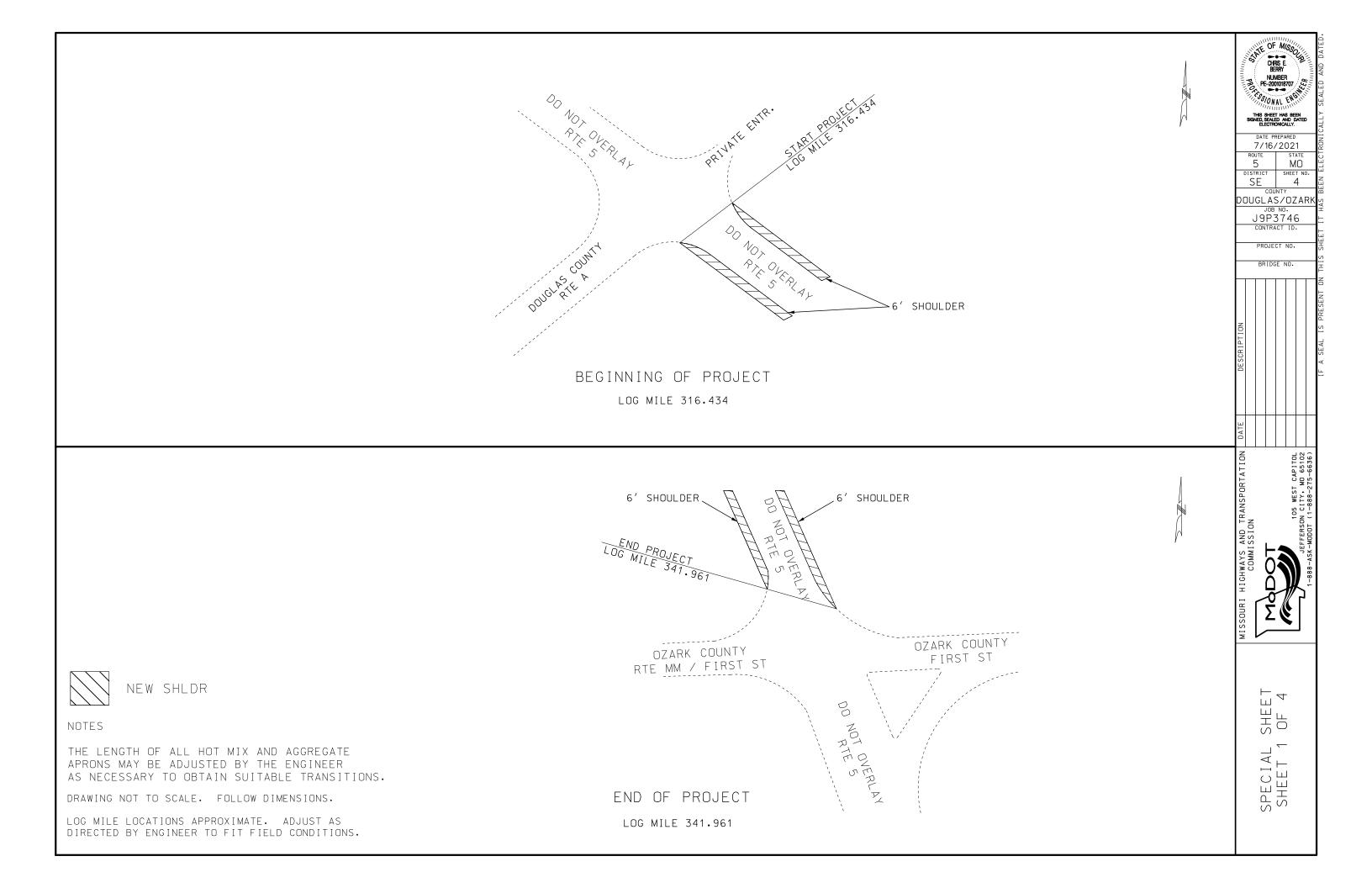
JOB NO.
J9P3746
CONTRACT ID.

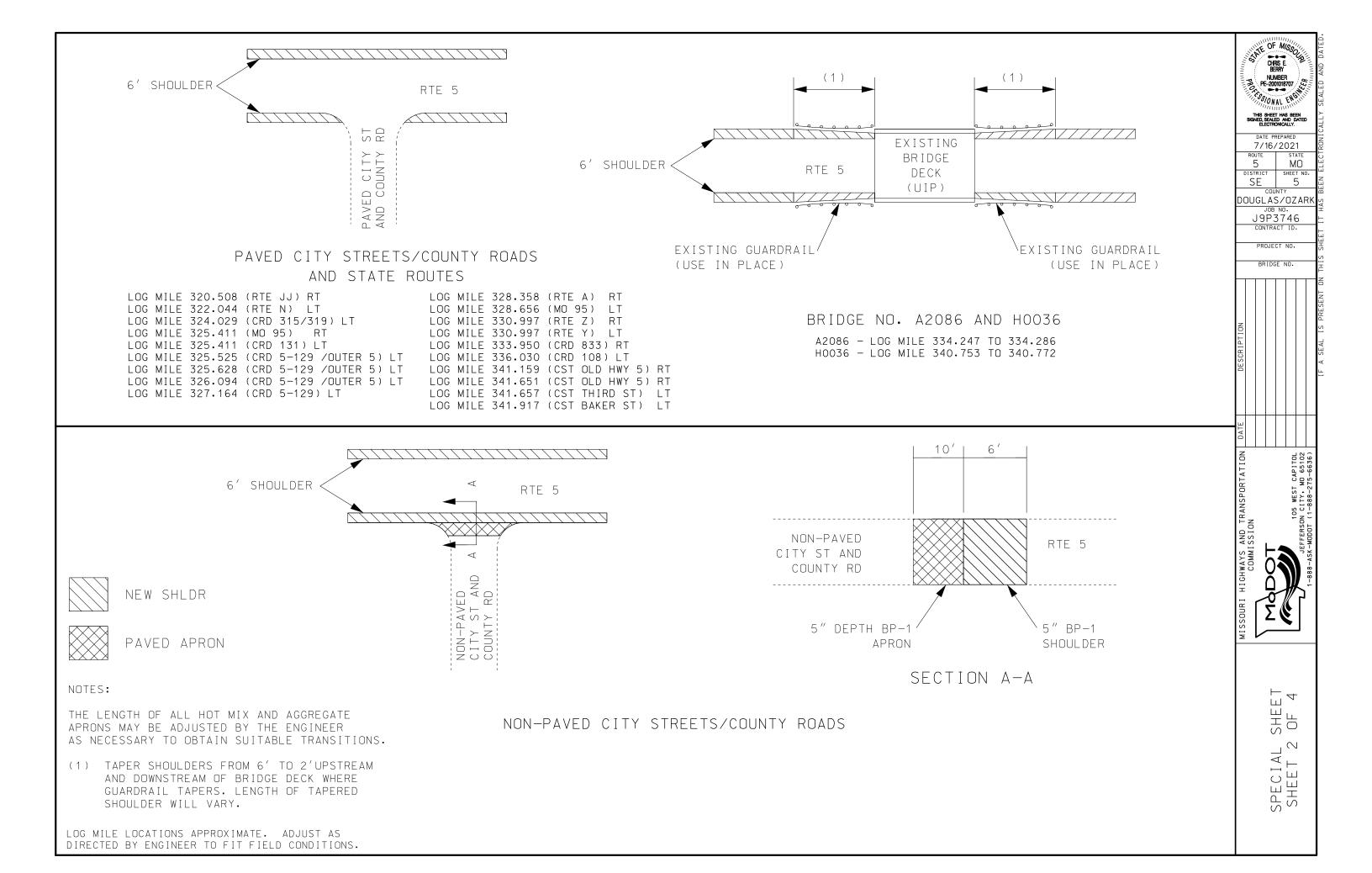
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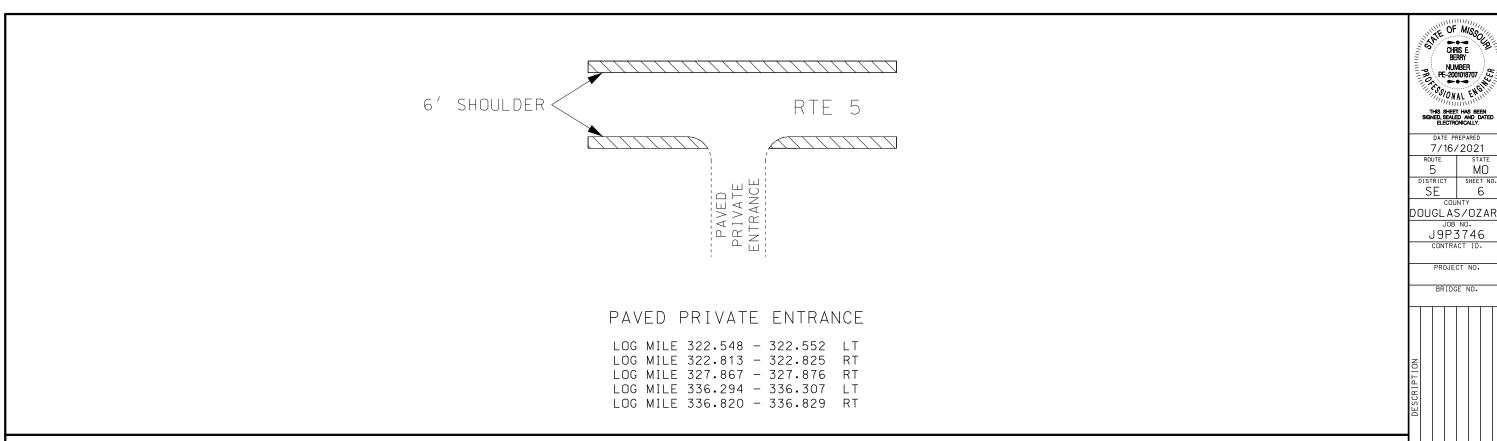
BRIDGE NO.

HIGHWAYS AND TRANSPORTATION COMMISSION

SHEET OF 3 SUMMARY SHEET 3









GRAVEL A OR

CRUSHED STONE B

NOTES:

THE LENGTH OF ALL HOT MIX AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.

(1) TIE TO EXISTING ENTRANCE GRADE.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

LOG MILE LOCATIONS APPROXIMATE, ADJUST AS DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS

SECTION A-A

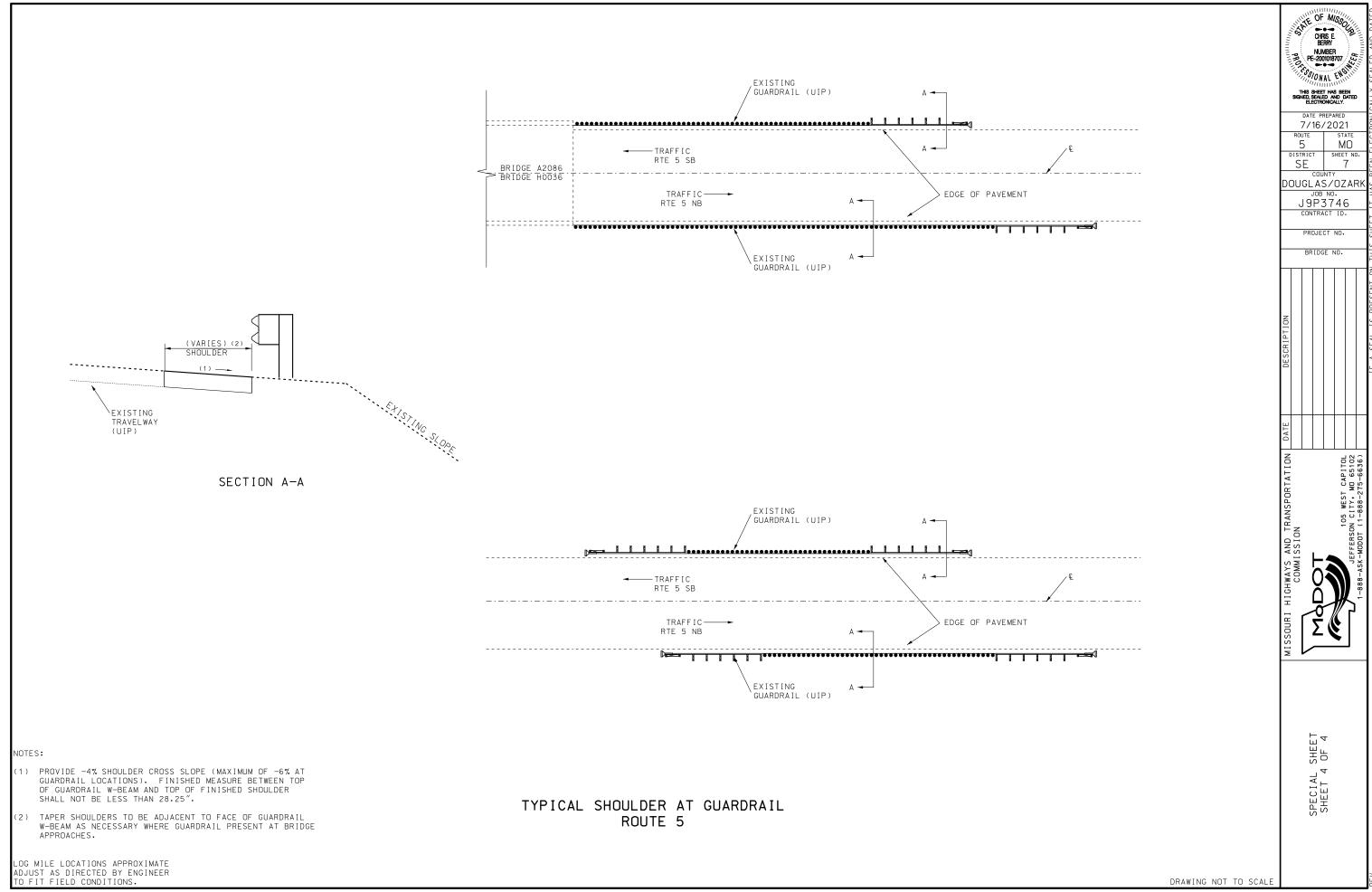
NON-PAVED PRIVATE ENTRANCES

LOG MILE 322.548 LT LOG MILE 322.813 RT LOG MILE 327.867 RT LOG MILE 336.294 LT LOG MILE 336.820 RT

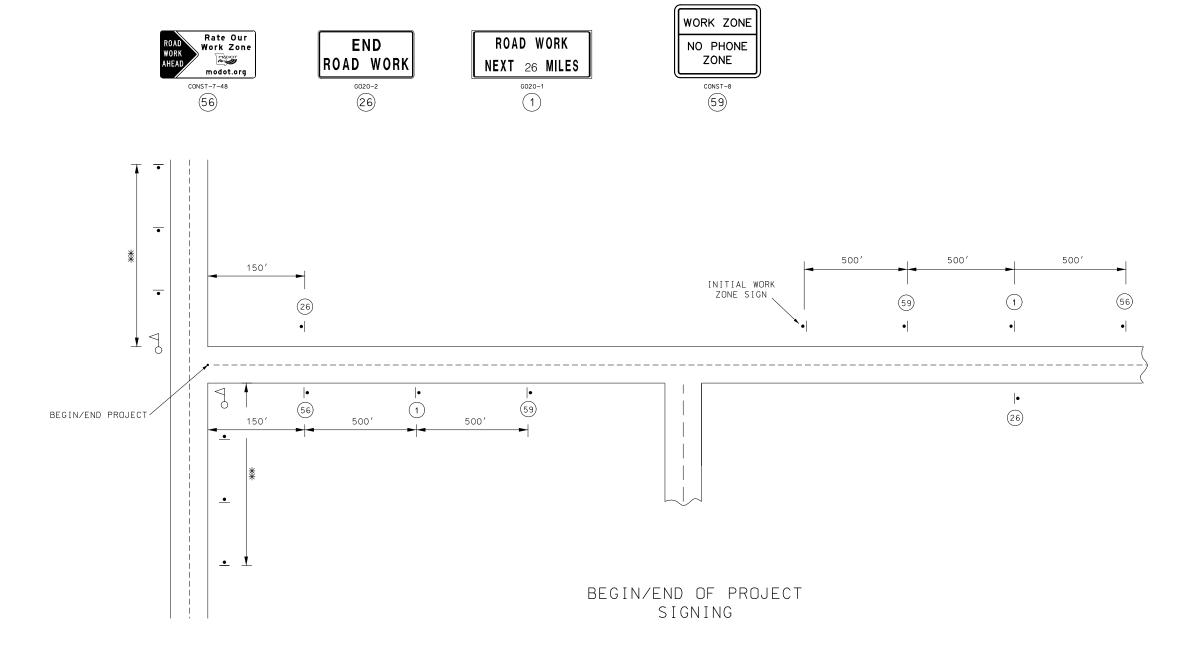


SPECIAL SHEET SHEET SOF 4

NΣI



** WHEN NEEDED, THE WORK ZONE SIGNS FOR THE CROSSING ROUTE SHALL BE IN ACCORDANCE WITH THE APPROPRIATE FLAGGER CONTROL SET-UP SHOWN ELSEWHERE IN THE TRAFFIC CONTROL PLANS.



NOTES

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

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPETELY COVERED OR REMOVED.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)



THIS SHEET HAS BEEN SIGNED, SCALED AND DATED

| DATE PREPARED | 7/16/2021 | ROUTE | STATE | 5 | MO | DISTRICT | SHEET NO

SE 8

COUNTY

DOUGLS/OZARK

JOB NO.
J9P3746
CONTRACT ID.

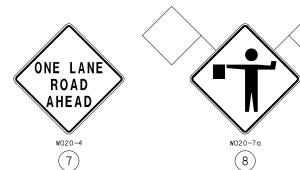
PROJECT NO.

DATE DESCRIPTION

SSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL

TRAFFIC CONTROL SHEET 1 OF 4





PILOT CAR FOLLOW ME

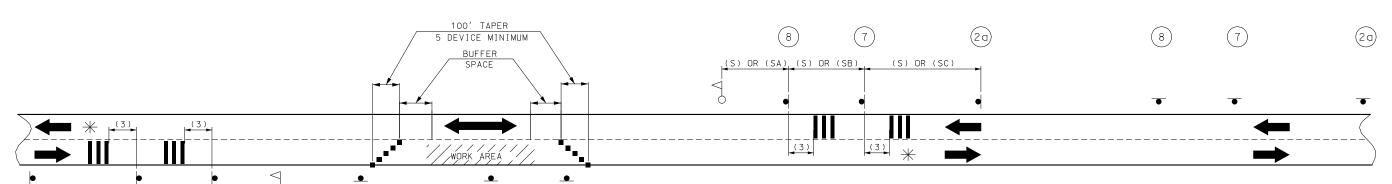
(55)

PILOT CAR

(55B)

SIGN 55, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION. :

SIGN 55B SHALL BE MAGNETIC WITH ORANGE BACKGROUND AND 3.5" BLOCK LETTERING, AND SHALL BE PLACED ON EACH SIDE OF ALL PILOT VEHICLES. SIGN SHEETING SHALL COMPLY WITH SEC 616. NO DIRECT PAYMENT WILL BE MADE FOR SIGN 55B.



SET 1

ACTIVE

(S) OR (SB) (S) OR (SA)

(8)

SET 2

INACTIVE

SET 3

ACTIVE

SET 4

INACTIVE

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

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

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

- CHANNELIZERS

(S) OR (SC)

(2a)

- FLAGGER

- TEMPORARY SHORT TERM RUMBLE STRIPS

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.

FLAG ASSEMBLIES FOR SIGN W020-7a IS SUBSIDIARY TO THE SIGN, TO BE INCLUDED AT NO DIRECT PAY.

SHORT-TERM RUMBLE STRIPS					
SPEED MPH	DISTANCE (3)	SPACING (4)			
0-45 (OPTIONAL)	120 FT	10 FT			
50-55	160 FT	15 FT			
60-70	200 FT	20 FT			

(8)

**SECOND SET OF TEMPORARY RUMBLES OPTIONAL



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

NOTES:

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

USE THIS SHEET 2 OF 5 ONLY WHEN TEMPORARY RUMBLES ARE REQUIRED CHRS E BERRY NUMBER PE-200108707

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DISTRICT SHEET NO.

SE 9

DOUGLAS/OZARI

JOB NO.

J9P3746

CONTRACT ID.

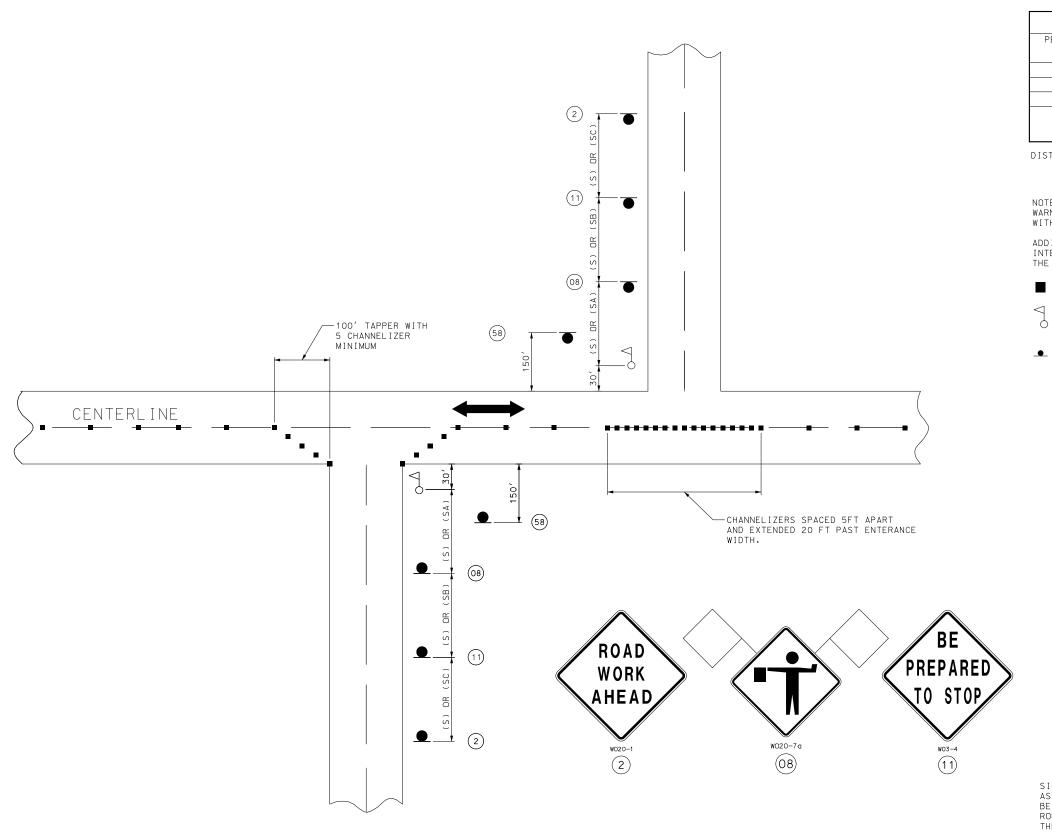
PROJECT NO.

DESCRIPTION
ON BRIDGE

SOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
TO DOT

105 WEST CAPITOL
JEFFERSON CITY, M0 65102

TRAFFIC CONTROL SHEET 2 OF 4



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

DISTANCE MAY BE ADJUSTED ACCORDING TO 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

- CHANNELIZERS (AS SPECIFIED)

_ - SIGN (SINGLE SIDED)

PILOT CAR IN USE WAIT & FOLLOW

> G020-4a (58)

SIGN 58, SHALL BE USED ON ASS STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

PILOT CAR IN USE WAIT & FOLLOW

> SPECIAL 60

SIGN 60, SHALL BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.

OHRIS E BERRY NUMBER PE-2001018707 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. 7/16/2021 MO

DISTRICT SHEET NO. SE 10 OOUGLS/OZAR

J9P3746 CONTRACT ID. PROJECT NO. BRIDGE NO.

CONTROL 3 OF 4 TRAFFIC SHEET

SIDE ROADS ENTERING WORK ZONES

