DESIGN DESIGNATION

A.A.D.T. - 2024 = 1458 A.A.D.T. - 2044 = 2010 V = 55 M.P.H. FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NEW RIGHT OF WAY REQUIRED

KEY MAP LOCATION OF COOPER COUNTY

CONVENTIONAL SYMBOLS

	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 0000 10 V	••••
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	— UT — — OE —
MANHOLE	HYD.	€
FIRE HYDRANT	C]
WATER VALVE	"°C)
WATER METER	" ")
DROP INLET	, E	
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	× (×	3

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY COOPER COUNTY



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4 - 7
BRIDGE DRAWINGS (B)	
A8112	1

PATRIC PA	CK J. SEE BER 1991						
MO-PE-20 DATE PF	10000826						
ROUTE 41	STATE MO						
CD	SHEET NO.						
COUNTY COOPER							
J CD(NO. 0062						
CONTRA	CT ID.						

PROJECT NO. BRIDGE NO

A8112

LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 529+96.42 END OF PROJECT STA. 539+73.92

APPARENT LENGTH

977.5 FEET



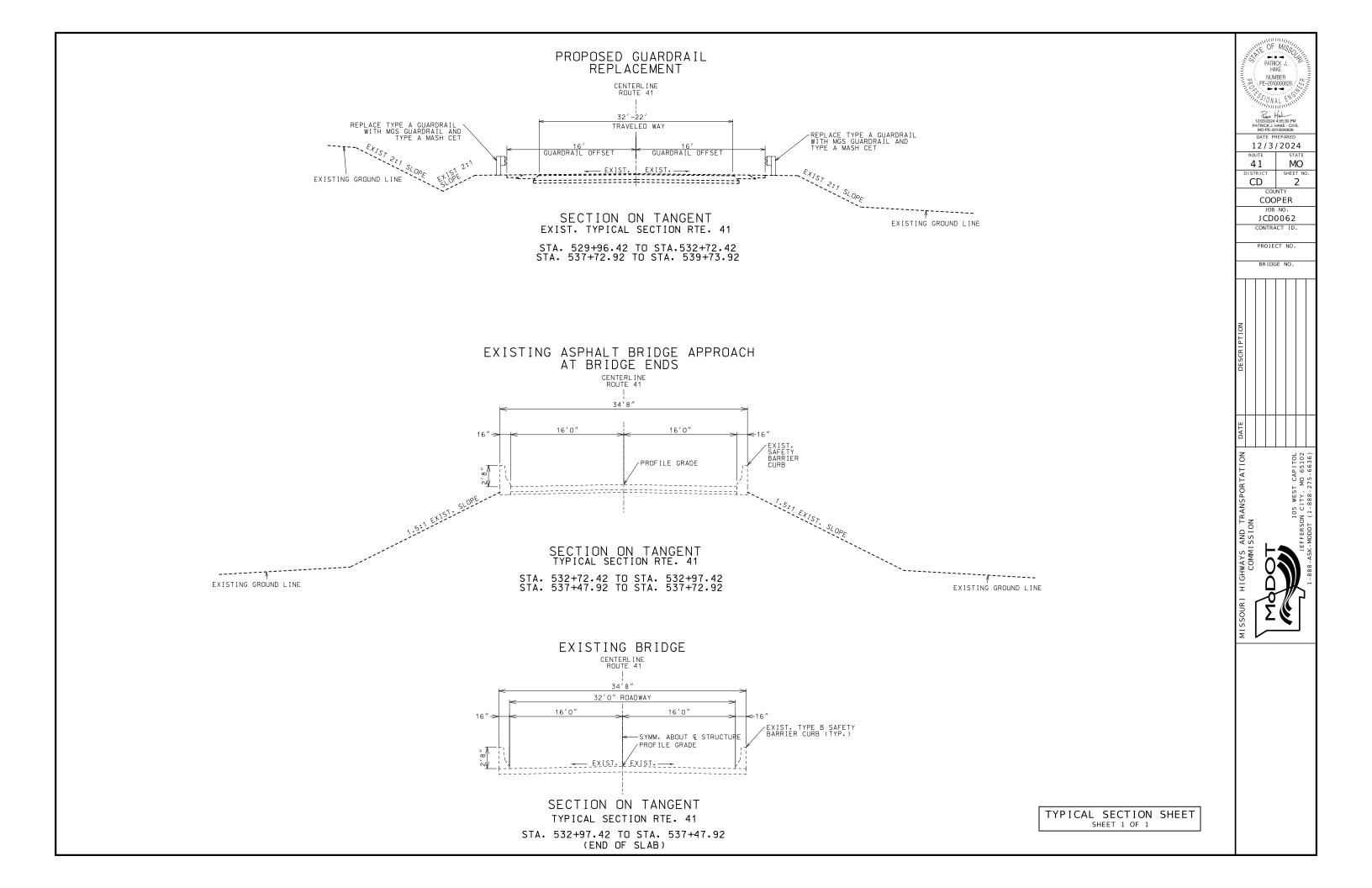
REHAB LENGTH **BRIDGE PROJECT** RIVER LAMINE

R 18 W R 17 W

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.

NOT TO SCALE

NET LENGTH OF PROJECT 977.5 FEET STATE LENGTH 0.185 MILES FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES 0.1 ACRES



REMOVAL OF IMPROVEMENTS										
STA.	STA.	LOCATION	ITEM	QTY.	REMARKS					
531+04.00	532+29.00	NW CORNER RTE 41	TYPE A GUARDRAIL	294 LF	INCLUDES B.A.S. & END TREATMENT					
531+04.00	532+29.00	NE CORNER RTE 41	TYPE A GUARDRAIL	294 LF	INCLUDES B.A.S. & END TREATMENT					
537+59.00	538+50.00	SW CORNER RTE 41	TYPE A GUARDRAIL	219 LF	INCLUDES B.A.S. & END TREATMENT					
537+59.00	538+21.00	SE CORNER RTE 41	TYPE A GUARDRAIL	101 LF	INCLUDES B.A.S. & END TREATMENT					
			TOTAL	1	LUMP SUM					

	GUARDRA I L											
				TYPE A								
			MGS GUARDRAIL	MASH CRASHWORTHY	MGS BRIDGE APPROACH TRANSITION	MGS END ANCHOR	SHAPING					
			W/ 6.5' POSTS	END TERMINAL	SECTION (EXTENDED CURB)	SECTION	SLOPES CL III					
STA.	STA.	LOCATION	LINEAR FT.	EACH	EACH	EACH	100 FT.	REMARKS				
529+96.42	532+83.92	NW CORNER RTE 41	200	1	1		2					
529+96.42	532+83.92	NE CORNER RTE 41	200	1	1		2					
537+61.42	539+73.92	SW CORNER RTE 41	125	1	1		1.25					
537+61.42	538+25.15	SE CORNER RTE 41	37.5		1	1	0.375	WRAP INTO ENTRANCE				
		TOTAL	562.5	3	4	1	3.625					
		USE	563	3	4	1	4					

	PAVEMENT MARKING											
ſ												
-					WITH TYPE P BEADS	5						
-					4 IN.	4 IN.						
					SOL I D	SOL I D						
					WHITE	YELLOW						
L	STA.	STA.	LOC.	LENGTH	L.F.	L.F.	REMARKS					
	532+97.42	537+47.92	RTE 41	450.50	901.0		EDGE LINES					
	532+97.42	537+47.92	RTE 41	450.50		901.0	DOUBLE YELLOW					
L												
			TOTAL		901.0	901.0						
L			USE		901	901						

MOBILIZATION					
	QUANTITY				
	(LS)				
USE	1				



													EFFECTIVE: 07-01-2024	, MIIIIII
	TOTAL	OTY TOTAL SIGN					LOTY	TOTALSI	GN				EFFECTIVE: 07-01-2024	T WITE OF MISS
		RELOCIRELOC NUM.		SIZ	ELARE	ΑΙοτγ	TOTAL RELOC	1	- 1					PATRICK J.
SIGN		EACH SQ.FT.	sign	IN.				SQ FT	· · ·		ITEM	TOTAL		HAKE NUMBER
5.5.1	WARNING SI		1 373.1		1- 3		DE SIGNS	1-4	\dashv	DESCRIPTION	NUMBER		DESCRIPTION	PE-2010000826
WO1-1L	48X48 16.00	TURN (SYMBOL LEFT)	E05-1	36X4	8 12.0		1 1		- 1	GORE EXIT	6122008	4	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	TILLS STONAL EN
WO1-1R	48X48 16.00	TURN (SYMBOL RIGHT)	E05-2	48X3	6 12.0	0			1	EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	WHITHING.
	48X48 16.00	CURVE (SYMBOL LEFT)	E05-2a			_			_	EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	Fatix Have— 12/03/2024 4:05:08 PI PATRICK J. HAKE - CI'
	48X48 16.00	CURVE (SYMBOL RIGHT)	GO20-1						_	ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	MO-PE-2010000826
WO1 - 3L	48X48 16.00	REVERSE TURN (SYMBOL LEFT)	GO20-2						_	END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	12/3/202
	48X48 16.00 48X48 16.00	REVERSE TURN (SYMBOL RIGHT) REVERSE CURVE (SYMBOL LEFT)	GO20 - 4 GO20 - 4a							PILOT CAR FOLLOW ME PILOT CAR IN USE WAIT & FOLLOW	6122017 6122019		IMPACT ATTENUATOR 65 MPH (SAND BARRELS) IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE ST
	48X48 16.00	REVERSE CURVE (SYMBOL RIGHT)	GO20-48			_			_	PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	41 M
	48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20 - 5 a		_	_			_	WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	DISTRICT SHEE
WO1-4bR	48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 8 a	24X1	8 3.00	0			1	END DETOUR	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	COUNTY
	48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4 - 9L			_				DETOUR (LEFT)	6161008	2	ADVANCED WARNING RAIL SYSTEM	COOPER
	48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 9R		6 12.0				_	DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)	ЈОВ NO. J CD0062
WO1-6	60X30 12.50 72X36 18.00	HORIZONTAL ARROW (SYMBOL) HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4 - 9P MO4 - 10L							STREET NAME (PLAQUE) DETOUR ARROW (LEFT)	6161013 6161014		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT ID
WO1-08	60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10E							DETOUR ARROW (RIGHT)	6161025	38	CHANNELIZER (TRIM LINE)	11
	72X36 18.00	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BAF	_	. 10/12	0, 0.00		GULATORY SIG	SNS		erion (men)	6161030	- 50	TYPE III MOVEABLE BARRICADE	PROJECT NO
WO1-8	18X24 3.00	CHEVRON (SYMBOL)	R1-1	48X4	8 13.2	_			!	STOP	6161033		DIRECTION INDICATOR BARRICADE	BRIDGE NO.
WO1-8a		CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2		I 6.93	_			_	YIELD	6161040		FLASHING ARROW PANEL] BRIDGE NO.
WO3 - 1	48X48 16.00	STOP AHEAD (SYMBOL)	R1-2a		6 9.00	_			_	TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER	
WO3 - 2	48X48 16.00	YIELD AHEAD (SYMBOL)	R1-3P		2 2.50	_			_	ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	4 1
WO3 - 3 WO3 - 4	48X48 16.00 48X48 16.00	SIGNAL AHEAD (SYMBOL)	R2-1 R3-1		8 12.0 8 16.0	_		+		SPEED LIMIT XX	6161070 6161095		TUBULAR MARKER RADAR SPEED ADVISORY SYSTEM	11111
WO3 - 4	48X48 16.00 48X48 16.00	BE PREPARED TO STOP SPEED LIMIT AHEAD	R3-1		8 16.0					NO RIGHT TURN (SYMBOL) NO LEFT TURN (SYMBOL)	0101032		CHANGEABLE MESSAGE SIGN,	1
WO4-1L	48X48 16.00	MERGE (SYMBOL FROM LEFT)	R3-3		6 9.00	_				NO TURNS	6161096		COMMISSION FURNISHED/RETAINED	
	48X48 16.00	MERGE (SYMBOL FROM RIGHT)	R3-4		8 16.0	_			_	NO U-TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN W/O COMM.	1 [
WO4-1aL	48X48 16.00	MERGE (LEFT)	R3-7L	30X3	0 6.25	5				LEFT LANE MUST TURN LEFT	6161098 <i>A</i>	2	INTERFACE - CONTRACTOR FURNISHED/RETAINED] [8]
	48X48 16.00	MERGE (RIGHT)	R3-7R		0 6.25	_			_	RIGHT LANE MUST TURN RIGHT	===		CHANGEABLE MESSAGE SIGN WITH COMM.	
WO5 - 1	48X48 16.00	ROAD/BRIDGE/RAMP NARROWS	R4-1		8 12.0	_			_	DO NOT PASS	6161099		INTERFACE - CONTRACTOR FURNISHED/RETAINED	4 °
WO5 - 3	48X48 16.00	ONE LANE BRIDGE NARROW LANES	R4 - 2 R4 - 7a		8 12.0	_			_	PASS WITH CARE	61620004		WORK ZONE TRAFFIC SIGNAL SYSTEM	41111
WO5 - 5 WO6 - 1	48X48 16.00 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)	R4-7a		8 12.0 8 12.0					KEEP RIGHT (HORIZONTAL ARROW) KEEP LEFT (HORIZONTAL ARROW)	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS TEMPORARY TRAFFIC BARRIER	11111
WO6 - 2	48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5 - 1		0 6 25				_	DO NOT ENTER	61736000		CONTRACTOR FURNISHED/RETAINED	
WO6 - 3	48X48 16.00	TWO WAY TRAFFIC (SYMBOL)	R5-1a		4 6.00					WRONG WAY			TEMPORARY TRAFFIC BARRIER	
WO7-3a	30X24 5.00	NEXT XX MILES (PLAQUE)	R6-1L	54X1	8 6.75	5			(ONE WAY ARROW (LEFT)	6173602E		CONTRACTOR FURNISHED/COMMISSION RETAINED]
WO8 - 1	48X48 16.00	BUMP	R6-1R		8 6.75					ONE WAY ARROW (RIGHT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8 - 2	48X48 16.00	DIP	R6-2L		0 5.00					ONE WAY (LEFT)	61750104		RELOCATING TEMPORARY TRAFFIC BARRIER	₂
WO8 - 3 WO8 - 4	48X48 16.00 48X48 16.00	PAVEMENT ENDS	R6-2R R9-9		0 5.00					ONE WAY (RIGHT)	6176000		TEMPORARY TRAFFIC BARRIER	ORTATION
WO8 - 4 WO8 - 5	48X48 16.00 48X48 16.00	SOFT SHOULDER SLIPPERY WHEN WET (SYMBOL)		2481	2 2.00	J				SIDEWALK CLOSED SIDEWALK CLOSED AHEAD,	6176000E		COMMISSION FURNISHED/RETAINED TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	- - <u>-</u>
WO8 - 6	48X48 16.00	TRUCK CROSSING		24X1	8 3.00	0				(ARROW LEFT) CROSS HERE	6177000E		COMMISSION FURNISHED/RETAINED	R
WO8 - 6 c	48X48 16.00	TRUCK ENTRANCE								SIDEWALK CLOSED AHEAD,	6208064		TEMPORARY RAISED PAVEMENT MARKER	ds
WO8 - 7	36X36 9.00	LOOSE GRAVEL	R9-11R	24X1	8 3.00	0				(ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS] []
	36X36 9.00	FRESH OIL / LOOSE GRAVEL	R10-6	_	_	_				STOP HERE ON RED (45^ ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	J F 8
	48X48 16.00	LOW SHOULDER	R11-2	48X3	0 10.0	0			_	ROAD CLOSED				AND
	48X48 16.00 48X48 16.00	UNEVEN LANES		6073	0 12 5					ROAD CLOSED XX MILES AHEAD				
	48X48 16.00	NO CENTER LINE GROOVED PAVEMENT	R11-3a						_	LOCAL TRAFFIC ONLY 1 @ 6 2@2 ROAD CLOSED TO THRU TRAFFIC				
	30X24 5.00	MOTORCYCLE (PLAQUE)	CONST - 3						_	FINE SIGN				≩ŭ U
	48X48 16.00	SHOULDER DROP-OFF (SYMBOL LEFT)	CONST - 3						_	SPEEDING/PASSING (PLATE)				
	48X48 16.00	SHOULDER DROP-OFF (SYMBOL RIGHT)					CELLANEOUS	SIGNS						
	30X24 5.00	SHOULDER DROP-OFF (PLAQUE)	CONST - 5						_	POINT OF PRESENCE				
	42RND. 9.62	RAILROAD CROSSING	CONST - 5				1 2.6		_	POINT OF PRESENCE				K
	24X24 4.00	DOUBLE DOWN ARROW (SYMBOL)	CONST - 8	48X3	ь 12.0	2	24	3	3 \	WORK ZONE NO PHONE ZONE				
	48X48 16.00	LOW CLEARANCE (SYMBOL) LOW CLEARANCE (PLAQUE)	-	+		+-		+						Σ
	84X24 14.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)		+		+		+ +						
	120X60 50.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD		+		+		+ +						
	120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD		1		1								
	30X30 6.25	ADVISORY SPEED (PLAQUE)												
	30X24 5.00	500 FEET (PLAQUE)												
	30X24 5.00	X MILE (PLAQUE)		+	_	+								
	48X48 16.00 4 64	2 ROAD/BRIDGE/RAMP WORK AHEAD DETOUR AHEAD		+		+		+						
. W(1) //1 7	48X48 16.00	ROAD CLOSED AHEAD	616-1	0 05			TOTAL	+			I			
	48848 16 001	7 ONE LANE ROAD AHEAD	CONST		ON ST	IGNS		[
WO20-3	48X48 16.00 2 32		616-1					TOTAL						
WO20-3 WO20-4		RIGHT/CENTER/LEFT LANE CLOSED AHEAD												
WO20-3 WO20-4 WO20-5	48X48 16.00 2 32		RELOC	ATED	SIGNS	<u> </u>		0						
WO20-3 WO20-4 WO20-5 WO20-5a WO20-6a	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED		ATED	SIGNS	5		0						
WO20-3 WO20-4 WO20-5 WO20-5a WO20-6a WO20-7a	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00 48X48 16.00 2 32	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL)		<u>ATED</u>	SIGNS	5		0						
WO20-3 WO20-4 WO20-5 WO20-5a WO20-6a WO20-7a WO21-2	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00 48X48 16.00 2 32 36X36 9.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL		<u>ATED</u>	S I GNS	5		0						
WO20-3 WO20-4 WO20-5 WO20-5a WO20-6a WO20-7a WO21-2 WO21-5	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00 48X48 16.00 2 32 36X36 9.00 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL SHOULDER WORK / SHOULDER WORK AHEAD		<u>ATED</u>	S I GNS	5		0						
WO20 - 3 WO20 - 4 WO20 - 5 WO20 - 5 a WO20 - 6 a WO20 - 7 a WO21 - 2 WO21 - 5 WO22 - 1	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00 2 32 36X36 9.00 48X48 16.00 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL		<u>ATED</u>	<u>S I GNS</u>	5		0						
WO20-3 WO20-4 WO20-5 WO20-5a WO20-6a WO20-7a WO21-2 WO21-5 WO22-1	48X48 16.00 2 32 48X48 16.00 48X48 16.00 48X48 16.00 48X48 16.00 2 32 36X36 9.00 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL) FRESH OIL SHOULDER WORK / SHOULDER WORK AHEAD BLASTING ZONE AHEAD		ATED_	<u>SIGNS</u>	5		0					SUMMARY OF QUANTITIES	

Sign Spacing, Device Spacing and Channelizing Taper Lengths

SIGN SPACING	(S) FOR ADVANCE SIG	GN SERIES (1) (2)				
SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS				
0 - 35	200	200				
40 - 45	350	500				
50-55	500	1000				
60-70	1000	SA - 1000 SB - 1500 SC - 2640				

LONGITUDINA	AL BUFFER SPACE (B)
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

_							
			THS AND LIZING [SPACING DEVICES			
	SPEED	TAPEF	MINIMUM R LENGTH	S (L)	MAXIMUM CHANNELIZER SPACING		
	MPH	FOR LA	NE WIDT	HS (W)	THROUGH	THROUGH	
		10 FT	11 FT	12 FT	TAPER	WORK AREA	
	0-35	205	225	245	35	40	
ſ	40-45	450	495	540	40	80	
	50-55	550	605	660	50	80	
	60-70	700	770	840	60	120	

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE L = $\frac{WS}{60}^2$ FOR 35 MPH OR LESS FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- 1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- 4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- 5. LOCATE FLASHING ARROW PANEL AT BEGINNING OF
 TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS
 LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- E BARRICADE
- CHANGEABLE MESSAGE BOARD
- TRUCK MOUNTED ATTENUATOR

 W/ FLASHING ARROW

PATRICK J. HAKE PE-2010000826 12032034 40457 PM PATRICK, I HAKE CIVIL MO-PE-2010000828 DATE PREPARED									
	1	DAT 2 /				4			
		UTE - 1				О			
	IST	RIC D	Т	9	HEE		٥.		
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			JOB	P E NO					
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		вк	IDC	et i	VO.				
TE DESCRIPTION									
DATE									
ORTATION					ST CAPITOL	, MO 65102	-275-6636)		

TEMPORARY TRAFFIC CONTROL

SHEET 1 OF 4

NOT TO SCALE

1. THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



2

(2)

WORK ZONE NO PHONE ZONE CONST-8

(3)

(1) 500' (3)(1) 500' BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS 500' 500' (3)

NOTES:

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) ALL SIGNS ON THIS SHEET ARE CONSIDERED PERMANENT FOR THE DURATION OF THE PROJECT.

(3) CHANGABLE MESSAGE SIGNS TO BE LOCATED AS APPROVED BY THE ENGINEER.

> TWO LANE UNDIVIDED BEGIN/END OF PROJECT SIGNING

TEMPORARY TRAFFIC CONTROL SHEET 2 OF 4

PATRICK J. HAKE NUMBER PE-2010000826

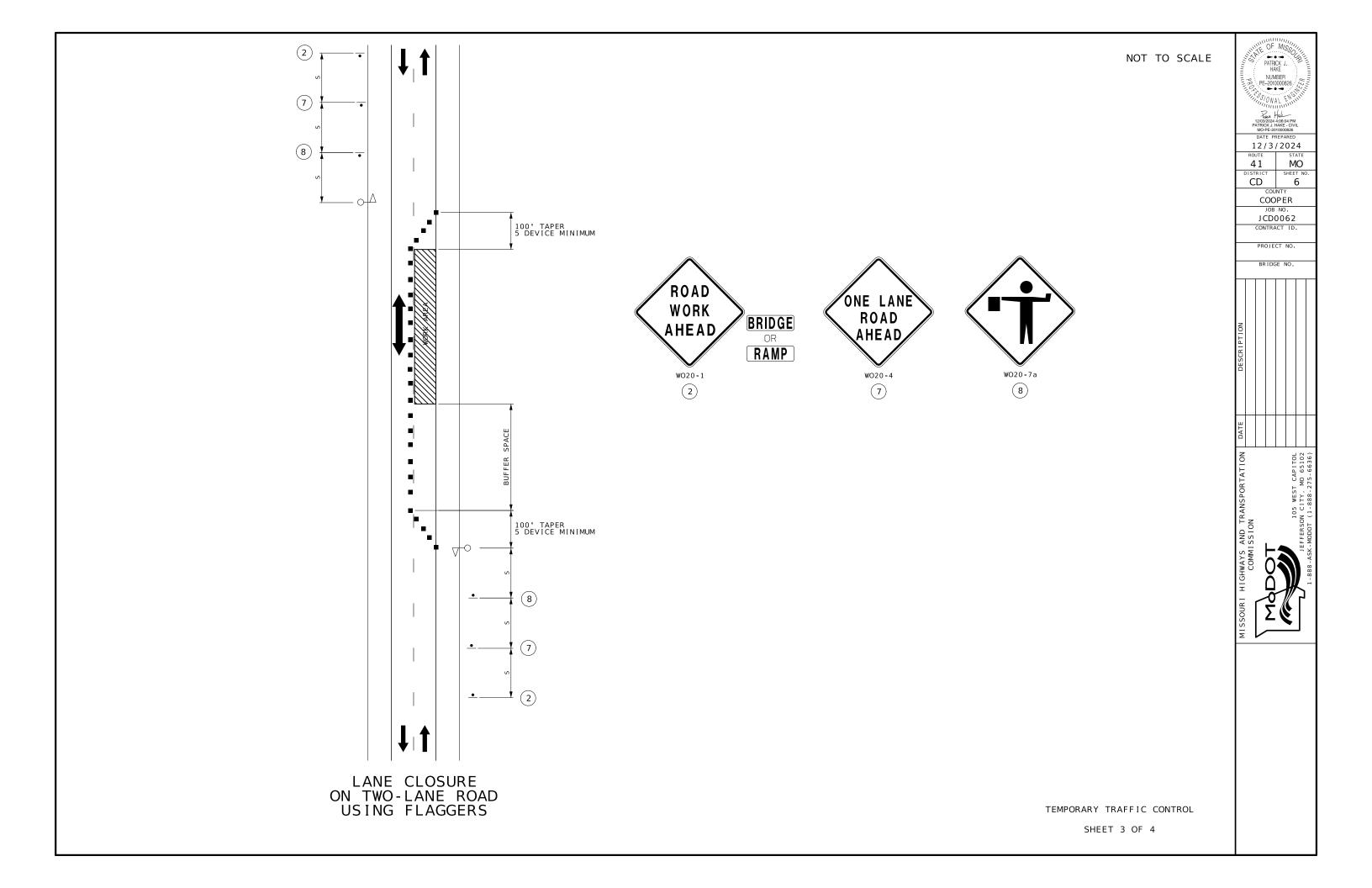
12/3/2024

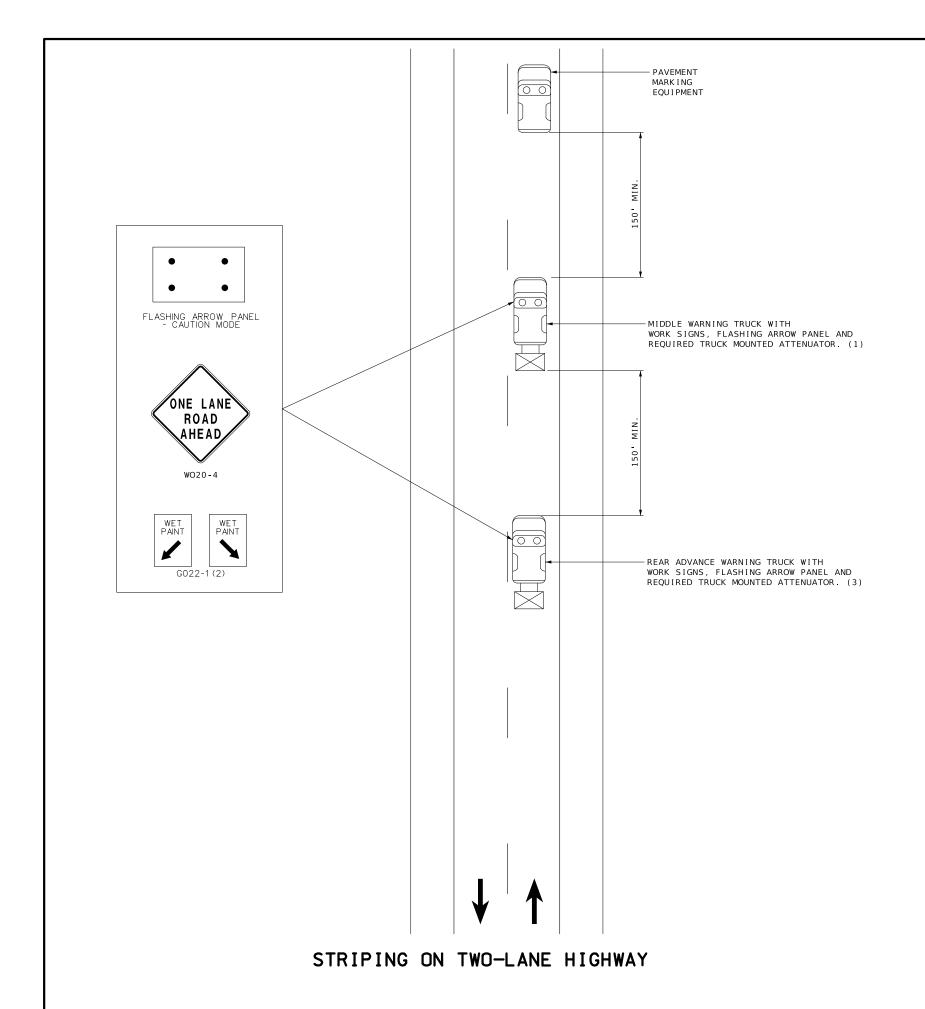
41 MO CD 5

COOPER JCD0062 CONTRACT ID

PROJECT NO.







NOTES:

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

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

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

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

- (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE 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) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.

Paria HWZ 12/03/2024 4:05:52 PM PATRICK J. HAKE - CIVIL MO-PE-2010000826

12/3/2024

ROUTE STATE
41 MO

DISTRICT SHEET NO.

CD 7

COOPER

JOB NO.

JCD0062 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

MODOT

105 WEST CAPITY

105 WEST CAPITY

105 WEST CAPITY

105 WEST CAPITY

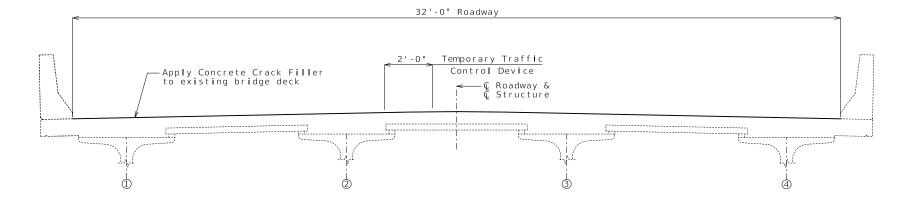
TRAFFIC CONTROL MOVING OPERATION SHEET 4 OF 4

Estimated Quantities

I t em

Concrete Crack Filler

U.I.P. AND REHABILITATE EXISTING (148'-152'-148') PRESTRESSED CONCRETE NU GIRDER SPANS (SKEW: SQUARE)



TYPICAL SECTION THRU EXISTING DECK

Total

1602

sq. yard

Design Specifications:

2010 AASHTO LFRD Bridge Design Specifications and 2010 Interim Revisions Bridge Deck Rating $=\,6$

Design Loading:

Roadway surfacing adjacent to bridge ends shall match bridge slab (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

General Notes:

HL - 93

REPAIRS TO BRIDGE: ROUTE 41 OVER LAMINE RIVER

ROUTE 41 FROM ROUTE CC TO ROUTE I - 70 ABOUT 0.7 MILES SOUTH OF ROUTE CC BEGINNING STATION 532+96.92± (Match Existing)

TYLER R. LINDSAY NUMBER PE-2019000128 11/21/2024 41 MO SHEET NO BR 1 COOPER JCD0062 CONTRACT ID.

PROJECT NO.

BRIDGE NO A81121