DESIGN DESIGNATION

EB I-44 AT LITTLE PINEY CREEK A.A.D.T. - 2022 = 15.883A.A.D.T. - 2042 = 30.178T = 42% V = 70 M.P.H. FUNCTIONAL CLASSIFICATION- INTERSTATE

NO NEW RIGHT OF WAY

CONVENTIONAL SYMBOLS

	(USED IN PLANS	,)	
		EXISTING	NEW
	BUILDINGS AND STRUCTURES BUARD RAIL BUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER OCATION SURVEY MARKER	0000 0000 117	
l	ITILITIES 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- -S- -SS- -G-	-F0- -0TV- -UTV- -0E- -UE- -UE- -SS- -G- -W-
N	MANHOLE	SAN HYD)
F	TRE HYDRANT	wv C	ĵ
٧	VATER VALVE	"\C)
٧	VATER METER	•••)
	PROP INLET	• 🗆	
C)ITCH BLOCK	=	=
C	ROUND MOUNTED SIGN	SIGN	-
L	IGHT POLE		
H	I-FRAME POWER POLE		
F	ELEPHONE PEDESTAL 'ENCE CHAIN LINK WOVEN WIRE GATE POST BENCHMARK	PED V	
E	DEINCHMARK	⊗)

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

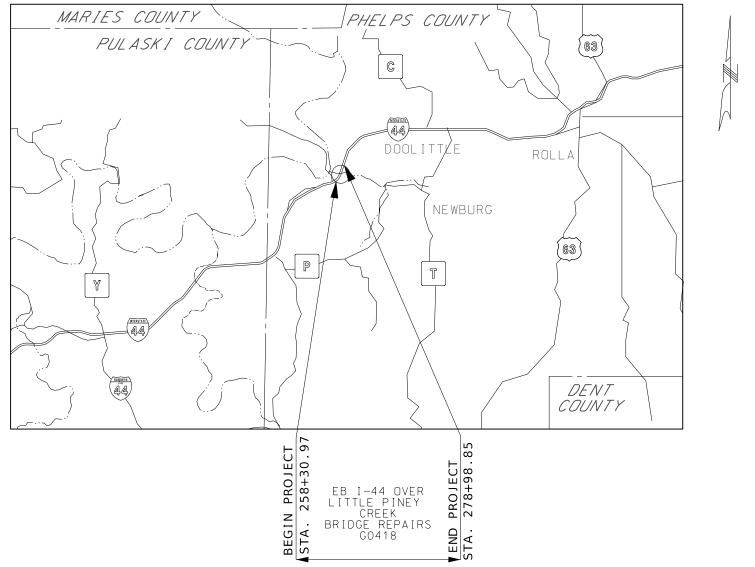
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION CONSTRUCTION PLANS FOR PROPOSED

STATE HIGHWAY

PHELPS COUNTY S24 T37N R10W



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
TITLE SHEET	1
TYPICAL SECTIONS (TS)	2
QUANTITIES (QU) (2 SHEETS)	3
PLAN (PL)	4
TRAFFIC CONTROL SHEETS (TC)	5-18
BRIDGE DRAWINGS	
(GO4188)	1

		UTE 4		STATE MO							
L,		RIC	т -	SHEET NO.							
Ι ΄		D		-		1	,,	EI ECTDO			
COUNTY PHELPS											
JOB NO. J5I3561 CONTRACT ID.											
								1			
			OJE					CHEET			
		BR	IDC	1 36	۱O.			J			
								THIC			
								5			
DESCRIPTION								DDECENT			
SCR								2			
ă								CEAL			
								<			
								1 1			
Ι.	Ι -	Ι -	Ι -	Ι -	Ι -	Ι -					

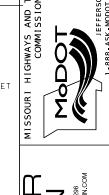
11/12/2024

LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 258+30.97 STA. 278+98.85 END OF PROJECT

2067.88 FEET APPARENT LENGTH

EQUATIONS AND EXCEPTIONS:



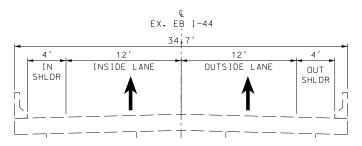
0.00 FEET 2067.88 FEET

TOTAL CORRECTIONS NET LENGTH OF PROJECT STATE LENGTH

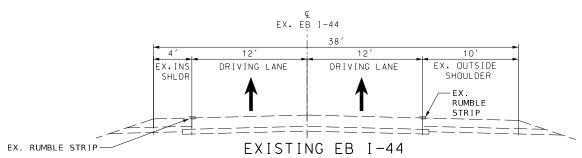
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

0.392 MILE

O ACRES

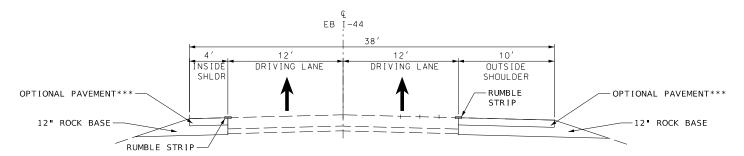


EXISTING TYPICAL SECTION AT EB I-44 OVER LITTLE PINEY CREEK BRIDGE STA. 264+86.00 TO 275+78.00



OUTSIDE OF LITTLE PINEY RIVER BRIDGE LIMITS STA. 258+30.97 TO 264+86.00

STA. 275+78.00 TO 278+98.95



PROPOSED EB I-44 OUTSIDE OF LITTLE PINEY RIVER BRIDGE LIMITS

STA. 258+30.97 TO 264+86.00

STA. 275+78.00 TO 278+98.85

STA. 262+04.30 TO 264+86.00

STA. 275+78.00 TO 277+94.33

***NOTE: SHOULDER OPTIONS CONSIST OF:
9" PCCP WITH 12 FT. JOINT SPACING AND 1.25" DOWELS ON 12" ROCK BASE
OR 2" SP125C WITH PG 70-22 OVER 2" SP125C PG 70-22 OVER 6.5" SP25OC
PG 70-22 WITH PG 64-22 ON 12" ROCK BASE

I - 44

TYPICAL SECTIONS
SHEET 1 OF 1

11/12/2024 CD 2 PHELPS J5I3561 PROJECT NO BRIDGE NO.

MOBILIZATION

LUMP SUM = 1

REMOVAL OF IMPROVEMENTS										
STATION	STATION	LOCATION	SIDE	REMOVALS	REMARKS					
258+30.97	264+86.00	I-44 EB	RIGHT	648 SY SHOULDER	STAGE 1					
275+78.00	278+98.85	I-44 EB	RIGHT	360 SY SHOULDER	STAGE 1					
262+04.30	264+86.00	I-44 EB	LEFT	124 SY SHOULDER	STAGE 2					
275+78.00	277+94.33	I-44 EB	LEFT	96 SY SHOULDER	STAGE 2					
TOTAL = 1.0 LUMP SUM										

	OPTIONAL PAVEMENT											
STATION	STATION	LOCATION	SIDE	OPTIONAL PAVEMENT	FURNISHING ROCK BASE MATERIAL	PLACING ROCK BASE (12 IN. THICK)	OPTIONAL SHOULDER RUMBLE STRIP	SUBGRADING AND SHOULDERING CLASS 1	REMARKS			
				SY	SY	SY	STA	100 FT				
258+30.97	264+86.00	I-44 EB	RIGHT	647.9	647.9	647.9	6.6	6.6	STAGE 1			
275+78.00	278+98.85	I-44 EB	RIGHT	360.1	360.1	360.1	3.2	3.2	STAGE 1			
262+04.30	264+86.00	I-44 EB	LEFT	124.0	124.0	124.0	2.8	2.8	STAGE 2			
275+78.00	277+94.33	I-44 EB	LEFT	96.0	96.0	96.0	2.2	2.2	STAGE 2			
		TOTALS		1228.0	1228.0	1228.0	14.8	14.8				
		PAY TOTALS		1228	1228	1228	15	15				

					PAVEMENT I	MARKING			
STATION	STATION	LOCATION	SIDE	HIGH BUILD W PAINT WITH T	/ATERBORNE YPE L BEADS	PAVEMENT MARKING REMOVAL	4 IN. WHITE TEMPORARY MARKING	4 IN. YELLOW TEMPORARY MARKING	REMARKS
				6" WHITE	6" YELLOW	KLWOVAL	PAINT	PAINT	
				LENGTH (LF)	LENGTH (LF)	LENGTH (LF)	LENGTH (LF)	LENGTH (LF)	
245+46.30	280+98.00	I-44 EB - Stage 2				210		3552	Remove I.W for 840' taper
258+30.97	279+95.70	I-44 EB - Stage 2				2165	2165		Remove S.W.
245+46.30	253+86.30	I-44 EB - Stage 3					210		Replace I.W removed in Stage 2
255+12.24	277+94.30	I-44 EB - Stage 3				210	2282		Remove I.W for 840' taper
262+04.30	277+94.30	I-44 EB - Stage 3				1590		1590	Remove S.Y.
262+04.30	277+94.30	I-44 EB	LEFT		1590				Left Edge Line
245+46.30	263+52.24	I-44 EB	CENTER	451					Dashed Lane Line
258+30.97	279+95.70	I-44 EB	RIGHT	2165					Right Edge Line
		TOTALO		0010	4500	4475	4057	5110	
		TOTALS		2616	1590	4175	4657	5142	
		PAY TOTALS		2616	1590	4175	97	'99	

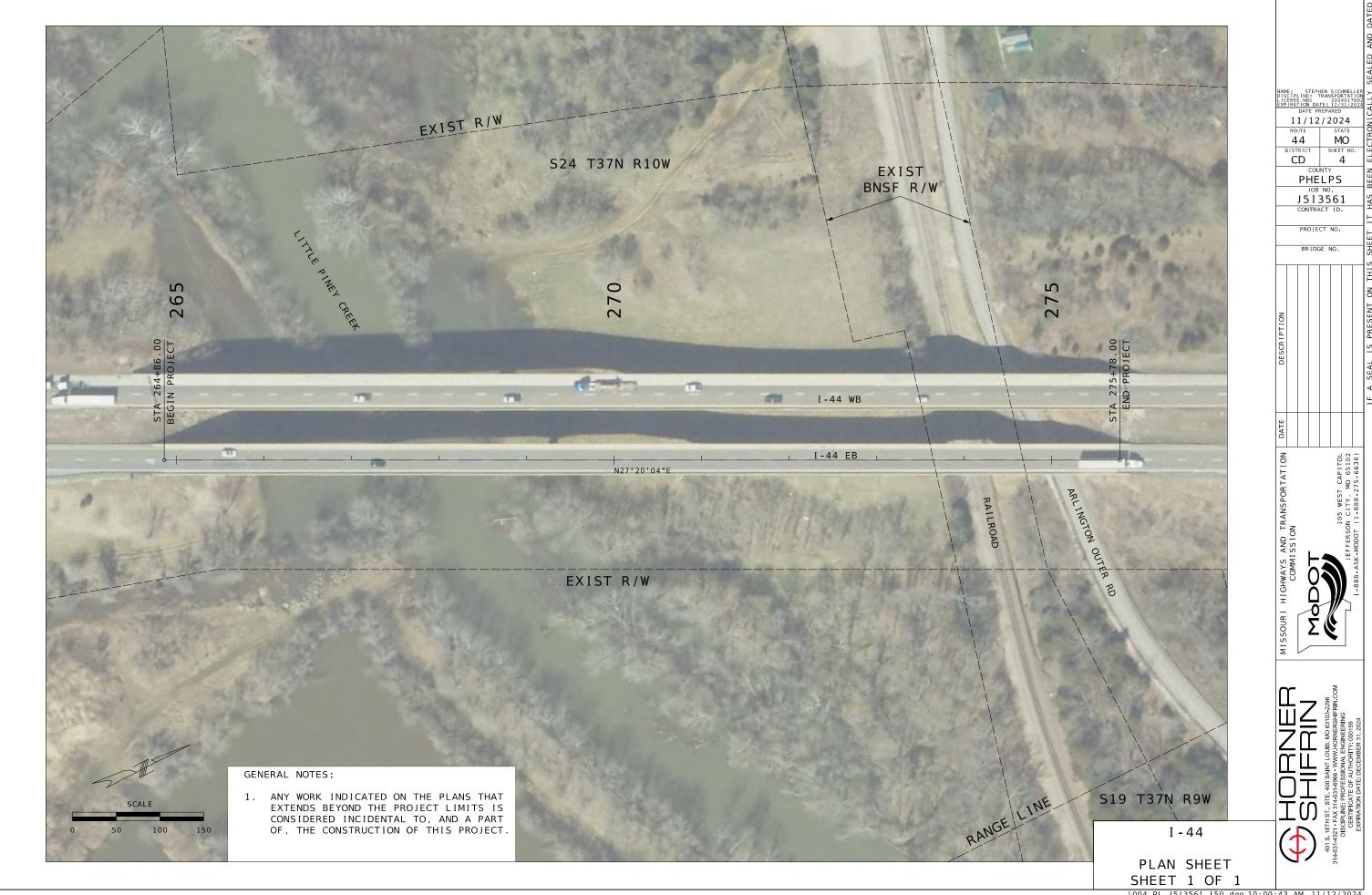
^{*}CONTRAST MARKING WILL BE REQUIRED FOR THE CONCRETE PAVEMENT MARKING OPTION AT NO DIRECT PAY.

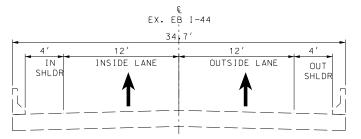
DATE PREPARED 11/12/2024 DISTRICT COUNTY JOB NO.
J5I3561
CONTRACT ID. PROJECT NO.

I - 44

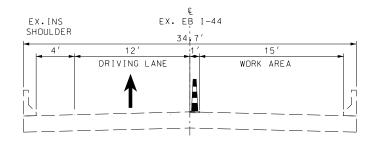
QUANTITIES SHEET 1 OF 2

			TO	TAL OTY TOTA	CICN		Ш			OTY TOTAL SIG	N		EFFECTIVE: 07-01-2024	
1	6.175	4554		,				6.75	ADEA OT	'				-
1			·	EA RELOC RELO					1 1	/ TOTAL RELOC RELOC NUM		ITEM TOTAL		
SIGN	IN. S	SQ.FT.	EACH SQ.	FT. EACH SQ.FT		DESCRIPTION	SIGN	IN.	SQ.FT. EACH	H SQ.FT. EACH SQ.FT.	DESCRIPTION	NUMBER QTY	DESCRIPTION	
		,	W	ARNING SIGNS				•		GUIDE SIGNS		6122008	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1L	48X48	16.00				TURN (SYMBOL LEFT)	E05-1	36X48	12.00		GORE EXIT	6122009	IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1 - 1R	48X48					TURN (SYMBOL RIGHT)	E05-2		12.00		EXIT OPEN	6122010	IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
	48X48					CURVE (SYMBOL LEFT)			12.00		EXIT CLOSED	6122012	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	-
							-						· · · · · · · · · · · · · · · · · · ·	=
WO1 - 2R	48X48					CURVE (SYMBOL RIGHT)	-		10.00		ROAD WORK NEXT XX MILES	6122014	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	NAME: STEPHEN SICHME
WO1-3L	48X48					REVERSE TURN (SYMBOL LEFT)	-	48X24			END ROAD WORK	6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	NAME: STEPHEN SICHME DISCIPLINE: TRANSPORTA LICENSE NO: 202401 EXPIRATION DATE: 12/31/
WO1 - 3R	48X48	16.00				REVERSE TURN (SYMBOL RIGHT)	GO20 - 4	36X18	4.50		PILOT CAR FOLLOW ME	6122019 1	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	DATE PREPARED
WO1-4L	48X48	16.00				REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75		PILOT CAR IN USE WAIT & FOLLOW	6122020 1	REPLACEMENT SAND BARREL	11/15/2024
WO1 - 4R	48X48	16.00				REVERSE CURVE (SYMBOL RIGHT)	GO20 - 4a	18X12	1.50		PILOT CAR IN USE WAIT & FOLLOW	6122030	IMPACT ATTENUATOR (RELOCATION)	ROUTE STATE
WO1-4bL	48X48	16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20 - 5aP	36X24	6.00 2	12.00 54	WORK ZONE (PLAQUE)	6123001	TRUCK MOUNTED ATTENUATOR (TMA)	1 44 MO
WO1-4bR	48X48					DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	-	24X18			END DETOUR	-	ADVANCED WARNING RAIL SYSTEM	DISTRICT SHEET N
WO1 -4cL	48X48					TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)			12.00		DETOUR (LEFT)	6161012	BUOYS (BOATS KEEP OUT)	d CD 3
													· · · · · · · · · · · · · · · · · · ·	COUNTY
WO1-4cR	48X48					TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 9R		12.00		DETOUR (RIGHT)	6161013	BUOYS (NO WAKE)	PHELPS
WO1-6	60X30					HORIZONTAL ARROW (SYMBOL)	MO4 - 9P		4.00		STREET NAME (PLAQUE)	6161014	SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	JOB NO.
WO1-6a	72X36	18.00				HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00		DETOUR ARROW (LEFT)	6161025 29	CHANNELIZER (TRIM LINE)	J5I3561
WO1 - 7	60X30	12.50				DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4 - 10R	48X18	6.00		DETOUR ARROW (RIGHT)	6161030	TYPE III MOVEABLE BARRICADE	CONTRACT ID.
WO1-7a	72X36	18.00				DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)		•		REGULATORY SIGNS		6161033 24	DIRECTION INDICATOR BARRICADE	- CONTRACT ID.
WO1-8	18X24					CHEVRON (SYMBOL)	R1-1	48X48	13.25		STOP		FLASHING ARROW PANEL	PROJECT NO.
WO1-8a	30X36					CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2		6 93		YIELD	6161047	TYPE III OBJECT MARKER	- TROJECT NO.
WO1-88			-		-		R1 - 2a			+ + + + + + + + + + + + + + + + + + + +				BRIDGE NO.
	48X48					STOP AHEAD (SYMBOL)			9.00		TO ONCOMING TRAFFIC (PLAQUE)		SEQUENTIAL FLASHING WARNING LIGHT	BRIDGE NO.
WO3 - 2	48X48					YIELD AHEAD (SYMBOL)	R1-3P		2.50	1	ALL WAY (PLAQUE)	6161070	TUBULAR MARKER	
WO3 - 3	48X48					SIGNAL AHEAD (SYMBOL)	R2 - 1			24.00 4	SPEED LIMIT 60	6161095	RADAR SPEED ADVISORY SYSTEM	1
WO3 - 4	48X48	16.00				BE PREPARED TO STOP	R2-1		12.00 1	12.00 25	SPEED LIMIT 70]	CHANGEABLE MESSAGE SIGN,	
WO3 - 5	48X48	16.00				SPEED LIMIT AHEAD	R3 - 1	48X48	16.00		NO RIGHT TURN (SYMBOL)	6161096	COMMISSION FURNISHED/RETAINED	_
WO4 - 1L	48X48	16.00	1 16.	.00	6A	MERGE (SYMBOL FROM LEFT)	R3-2	48X48	16.00		NO LEFT TURN (SYMBOL)		CHANGEABLE MESSAGE SIGN WITHOUT COMM.	7
WO4 - 1R	48X48		1 16.			MERGE (SYMBOL FROM RIGHT)	R3-3		9.00		NO TURNS	6161098A	INTERFACE - CONTRACTOR FURNISHED/RETAINED	z
WO4-1aL	48X48		- 100		+	MERGE (LEFT)	R3 - 4		16.00	+ + + + + + + + + + + + + + + + + + + +	NO U-TURN (SYMBOL)		CHANGEABLE MESSAGE SIGN WITH COMM.	<u> 1일 </u>
WO4-1aL WO4-1aR	48X48		-		-	MERGE (RIGHT)	R3 - 7L		6.25	+ + + + + + + + + + + + + + + + + + + +	LEFT LANE MUST TURN LEFT	6161099	INTERFACE - CONTRACTOR FURNISHED/RETAINED	[2]
			2 1 22	00	42									4월
WO5 - 1	48X48		2 32.	. 00	43	ROAD/BRIDGE/RAMP NARROWS	R3 - 7R		6.25	+ + + + + + + + + + + + + + + + + + + +	RIGHT LANE MUST TURN RIGHT	6162000A	WORK ZONE TRAFFIC SIGNAL SYSTEM	↑했
WO5 - 3	48X48				1	ONE LANE BRIDGE	R4 - 1		12.00		DO NOT PASS	6162002	TEMPORARY LONG-TERM RUMBLE STRIPS	1월 1 1월
WO5 - 5	48X48					NARROW LANES	R4-2		12.00		PASS WITH CARE	2000	TEMPORARY TRAFFIC BARRIER	
WO6 - 1	48X48	16.00				DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00		KEEP RIGHT (HORIZONTAL ARROW)	6173600D	CONTRACTOR FURNISHED/RETAINED	_
WO6 - 2	48X48	16.00				DIVIDED HIGHWAY END (SYMBOL)	R4-8a	36X48	12.00		KEEP LEFT (HORIZONTAL ARROW)		TEMPORARY TRAFFIC BARRIER]
WO6 - 3	48X48					TWO WAY TRAFFIC (SYMBOL)	R5 - 1		6.25		DO NOT ENTER	6173602B	CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO7 - 3a	30X24					NEXT XX MILES (PLAQUE)	R5 - 1a		6.00		WRONG WAY	6174000A	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	+
WO7 - 3a WO8 - 1	48X48		-			BUMP	R6-1L							<u> </u>
					-				6.75		ONE WAY ARROW (LEFT)	01/3010A 1345	RELOCATING TEMPORARY TRAFFIC BARRIER	4 <u>4</u>
WO8 - 2	48X48					DIP	R6-1R		6.75		ONE WAY ARROW (RIGHT)		TEMPORARY TRAFFIC BARRIER	
WO8 - 3	48X48					PAVEMENT ENDS	R6-2L		5.00		ONE WAY (LEFT)	6176000B	COMMISSION FURNISHED/RETAINED	
WO8 - 4	48X48	16.00				SOFT SHOULDER	R6-2R	24X30	5.00		ONE WAY (RIGHT)]	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	I ON
WO8 - 5	48X48	16.00				SLIPPERY WHEN WET (SYMBOL)	R9-9	24X12	2.00		SIDEWALK CLOSED	6177000B	COMMISSION FURNISHED/RETAINED	TIG.
WO8 - 6	48X48	16.00				TRUCK CROSSING][SIDEWALK CLOSED AHEAD,	6208064A	TEMPORARY RAISED PAVEMENT MARKER	CAP CAP
WO8 - 6 c	48X48	16.00				TRUCK ENTRANCE	R9-11L	24X18	3.00		(ARROW LEFT) CROSS HERE	9029400	TEMPORARY TRAFFIC SIGNALS	
WO8 - 7	36X36					LOOSE GRAVEL	1				SIDEWALK CLOSED AHEAD,	9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING	LES. →
WO8 - 7a						FRESH OIL / LOOSE GRAVEL	R9-11R	24X18	2 00		(ARROW RIGHT) CROSS HERE	3023401	TEMIONANT INATTIC STONAES AND ETGITTING	S ≥
											1			- 1
WO8 - 9	48X48					LOW SHOULDER		24X36			STOP HERE ON RED (45^ ARROW)			F z
	48X48					UNEVEN LANES	R11-2	48X30	10.00		ROAD CLOSED			1 0 S.
WO8-12	48X48	16.00				NO CENTER LINE					ROAD CLOSED XX MILES AHEAD			AND SS I
WO8 - 15	48X48	16.00				GROOVED PAVEMENT	R11-3a	60X30	12.50		LOCAL TRAFFIC ONLY			
WO8 - 15P	30X24	5.00				MOTORCYCLE (PLAQUE)	R11-4	60X30	12.50		ROAD CLOSED TO THRU TRAFFIC			
	48X48					SHOULDER DROP-OFF (SYMBOL LEFT)	CONST - 3A				FINE SIGN			7≸8 ()41
WO8 - 17R						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST - 3X			+ + + + + + + + + + + + + + + + + + + +	SPEEDING/PASSING (PLATE)		_I	唐 🗶 🚺
WO8-17R WO8-17P			-			SHOULDER DROP-OFF (SIMBOL KIGHT)	1 201451-37	1 20/12		MISCELLANEOUS SIGNS	J. ELDING (FEATE)	1		HIGHWAY CON
					-		H _{CONGT} 5	40736		MIT JCLLLANEOUS SIGNS	DOINT OF DESCENCE	-		
	42RND.					RAILROAD CROSSING	CONST - 5			+ + + + + + + + + + + + + + + + + + + +	POINT OF PRESENCE	-		
	24X24					DOUBLE DOWN ARROW (SYMBOL)	CONST - 5				POINT OF PRESENCE			MISSOURI D
	48X48					LOW CLEARANCE (SYMBOL)	CONST-8	48X36	12.00		WORK ZONE NO PHONE ZONE			Z Z
W012-2x	24X18	3.00				LOW CLEARANCE (PLAQUE)								
WO12-2a	84X24	14.00				OVERHEAD LOW CLEARANCE (FEET AND INCHES)								Σ ν
	120X60					LOW CLEARANCE XX FT XX IN XX MILES AHEAD	1					1		
	120X60		1			WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	1					1		
	30X30				+	ADVISORY SPEED (PLAQUE)	1		+ + +	+ + + + + + + + + + + + + + + + + + + +		1		
			-		-	, , , ,	11		+ + -	+ + + + + + + + + + + + + + + + + + + +		1		I L
	30X24				-	XXX FEET (PLAQUE)	-	-		+ + + + + + + + + + + + + + + + + + + +				
	30X24					X MILE (PLAQUE)								
	48X48		3 48.	.00	2	ROAD/BRIDGE/RAMP WORK AHEAD	11							Щ
WO20-2	48X48	16.00				DETOUR AHEAD								
WO20-3	48X48	16.00				ROAD CLOSED AHEAD	616-10	. 05		TOTAL		-		M S S S S S S S S S S S S S S S S S S S
	48X48					ONE LANE ROAD AHEAD			N SIGNS	224.00				
	48X48		2 32.	.00	5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10			TOTAL				
	48X48		_ 52.		+ -	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCA		IGNS	0				
			2 22	00	+ -		NELUCA	ובט כ	ראור ז	U				
	48X48		2 32.	. 00	1 0	RIGHT/CENTER/LEFT LANE CLOSED	4							4. 6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
	48X48					FLAGGER (SYMBOL)	4							一 二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二
	36X36					FRESH OIL	1							(() ; ; ; ; ; ; j ; j
WO21-5	48X48	16.00				SHOULDER WORK / SHOULDER WORK AHEAD								┧┻┸╺┖┪╸┋┋
WO22-1	48X48	16.00				BLASTING ZONE AHEAD	7						I - 44	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	42X36					TURN OFF 2-WAY RADIO AND PHONE	1						1 - 44	S. 1
	42X36					END BLASTING ZONE	1							1 4 0 T
							1						OLIANIT I TI CO	
GO22-1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	∠.19				WET PAINT (ARROW PIVOTS)	J						QUANTITIES	
1													SHEET 2 OF 2	
<u></u>													OULT OF 2	<u> </u>
													\003 OU 1513561 dan 12:43	10 011 11/15/00





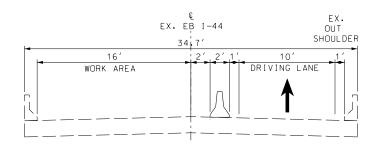
EXISTING TYPICAL SECTION AT
EB I-44 OVER LITTLE PINEY RIVER BRIDGE
EB I-44 STA. 264+86.00 TO 275+78.00



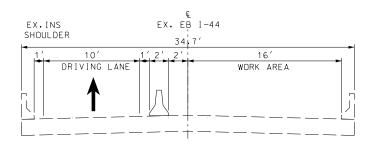
EB I-44 OVER LITTLE PINEY RIVER BRIDGE

STAGE 1 - OUTSIDE LANE CLOSURE-REBUILD OUTSIDE SHOULDER

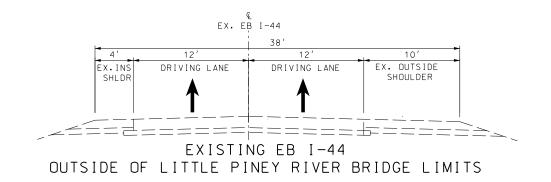
EB I-44 STA. 264+86.00 TO 275+78.00



EB I-44 OVER LITTLE PINEY RIVER BRIDGE STAGE 2 - INSIDE LANE CLOSURE EB I-44 STA. 264+86.00 TO 275+78.00



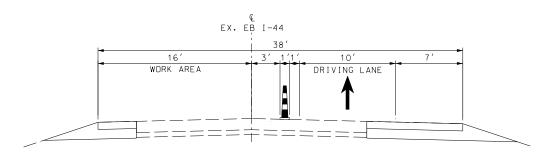
EB I-44 OVER LITTLE PINEY RIVER BRIDGE STAGE 3 - OUTSIDE LANE CLOSURE EB I-44 STA. 264+86.00 TO 275+78.00



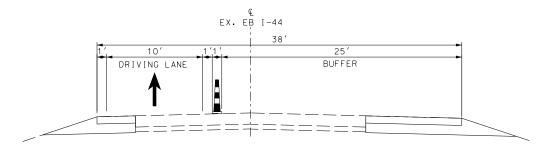
EX. EB I-44

38'
4'
12'
1' 6'
EX.INS DRIVING LANE BUFFER WORK AREA

EB I-44 OUTSIDE OF LITTLE PINEY RIVER BRIDGE LIMITS
STAGE 1 - OUTSIDE LANE CLOSURE-REBUILD OUTSIDE SHOULDER



EB I-44 OUTSIDE OF LITTLE PINEY RIVER BRIDGE LIMITS STAGE 2 - INSIDE LANE CLOSURE-REBUILD INSIDE SHOULDER



EB I-44 OUTSIDE OF LITTLE PINEY RIVER BRIDGE LIMITS STAGE 3 - OUTSIDE LANE CLOSURE

I-44
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 1 OF 14



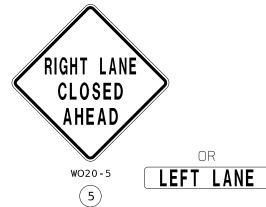


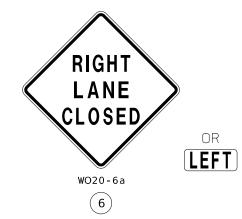
GO20-5aP

54)

SPEED LIMIT R2-1

4

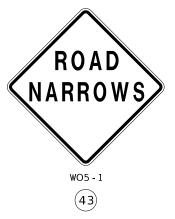












- 1) ALL SIGNING AND ANY REQUIRED TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 2) SIGN LOCATIONS TO BE APPROVED BY ENGINEER.
- 3) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS WITH PERMISSION OF THE ENGINEER.
- 4) ANY EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED.
- 5) ALL TRAFFIC CONTROL ITEMS WHICH ARE NOT INCLUDED IN THE PAY ITEMS ARE TO BE CONSIDERED INCIDENTAL.
- 6) NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF TCP SIGNS AND DEVICES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

WORK AREA

CHANNELIZER (TRIM-LINE) WITH LIGHT

OR

FLASHING ARROW PANEL

▲ DIRECTIONAL INDICATOR BARRICADES WITH SEQUENTIAL FLASHIING WARNING LIGHTS

PHELPS J5I3561 CONTRACT ID. PROJECT NO BRIDGE NO.

11/12/2024

MO SHEET NO

6

44

CD

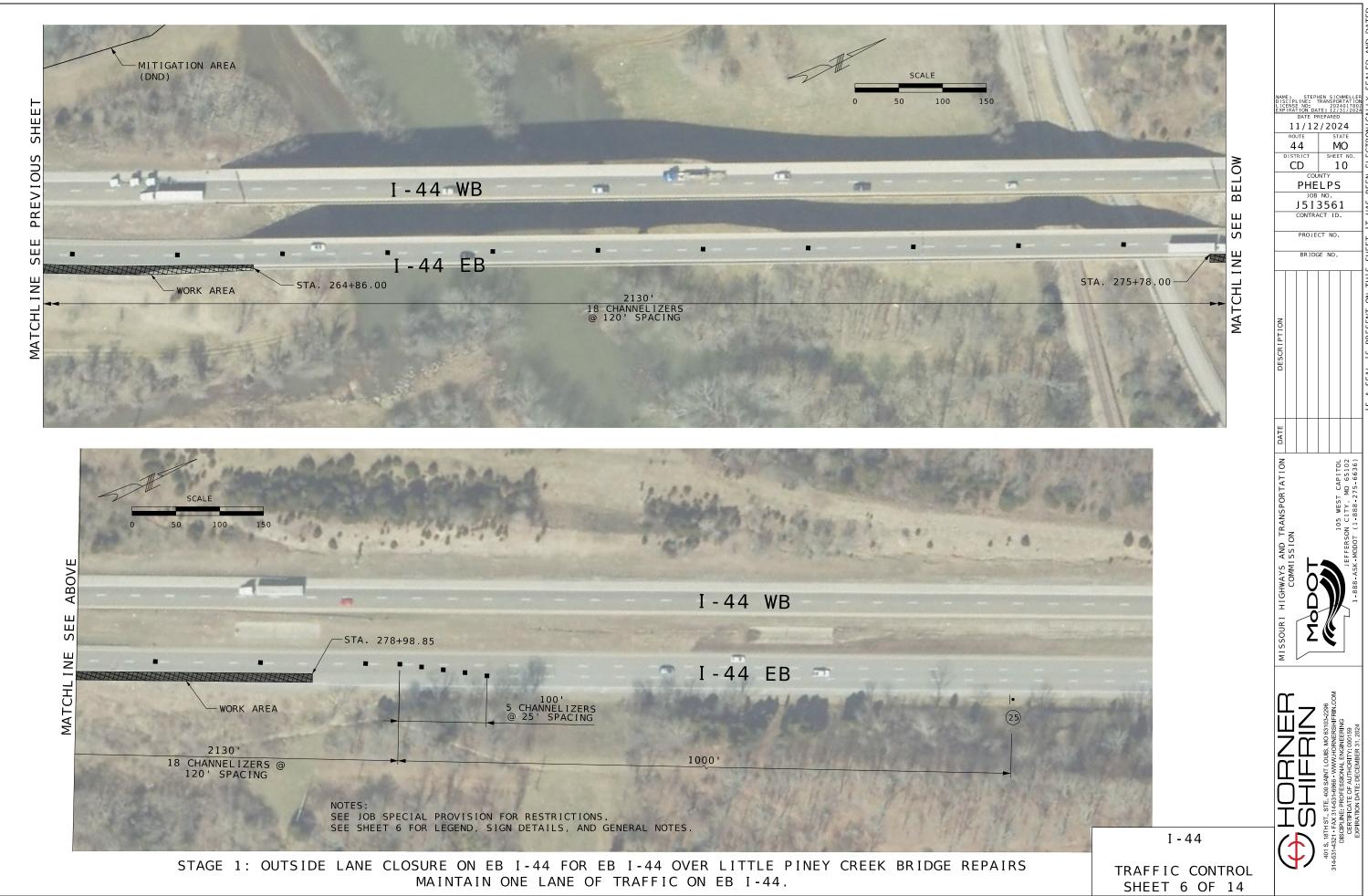
I - 44 TRAFFIC CONTROL

SHEET 2 OF 14



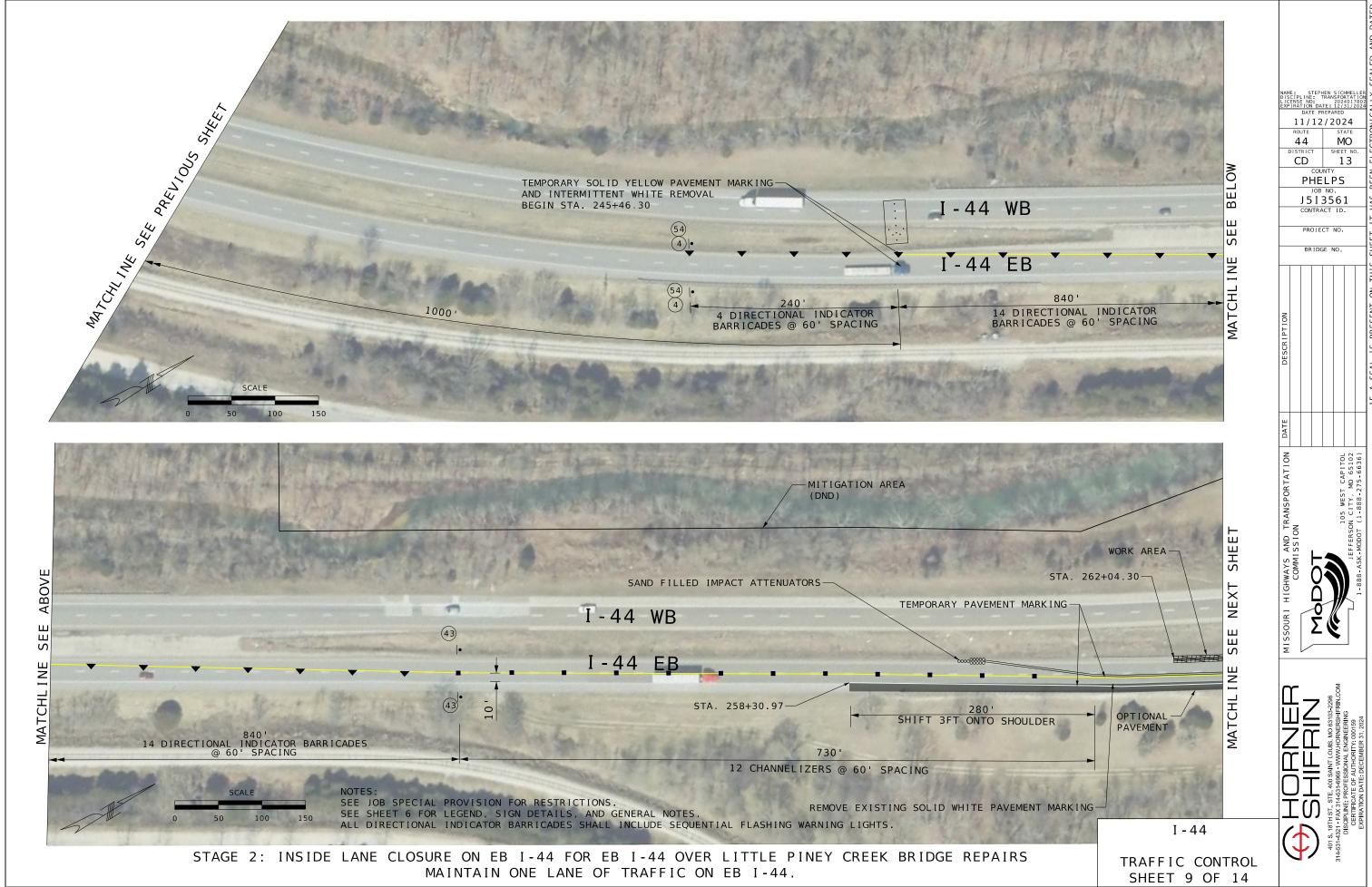


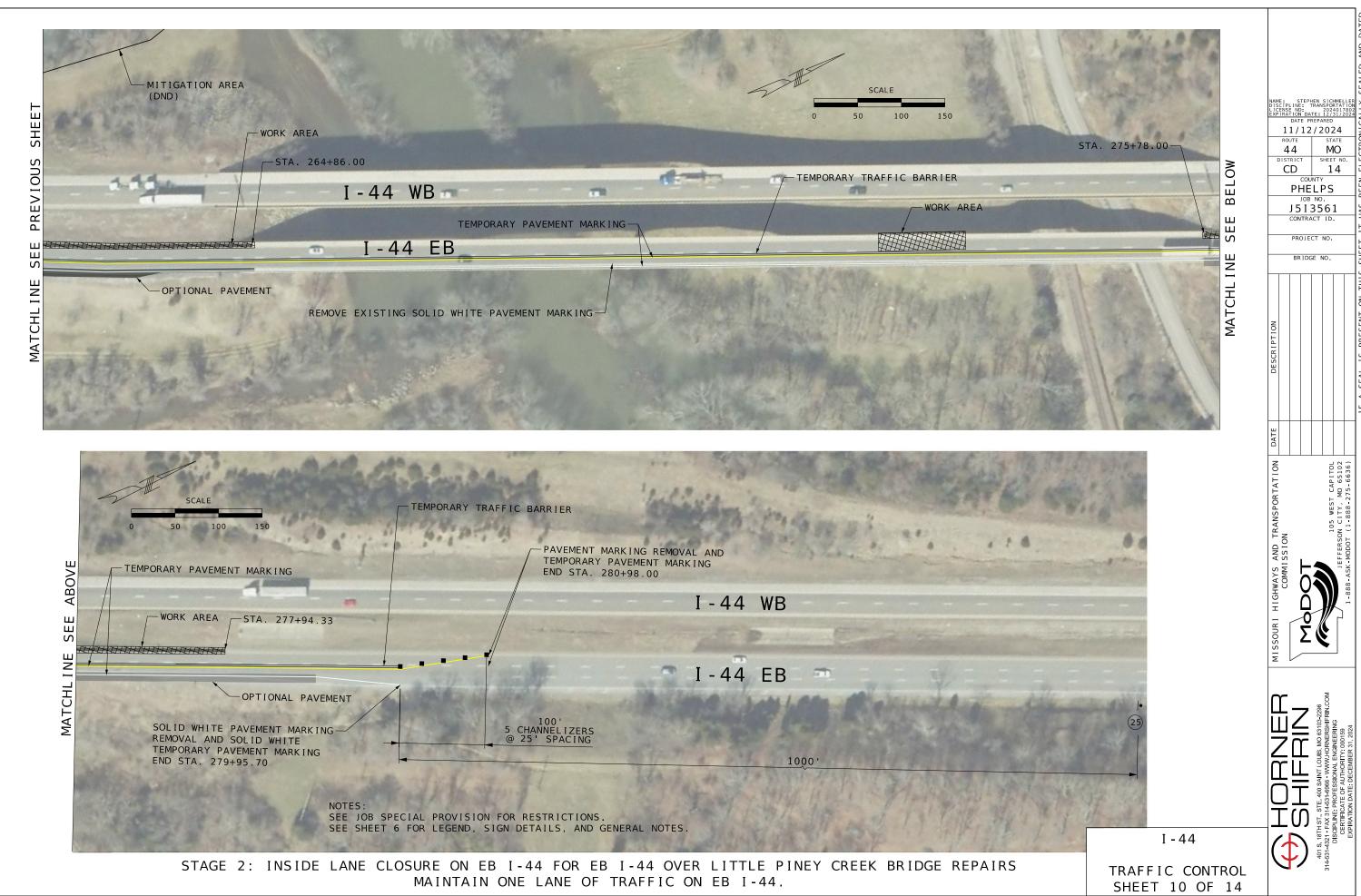






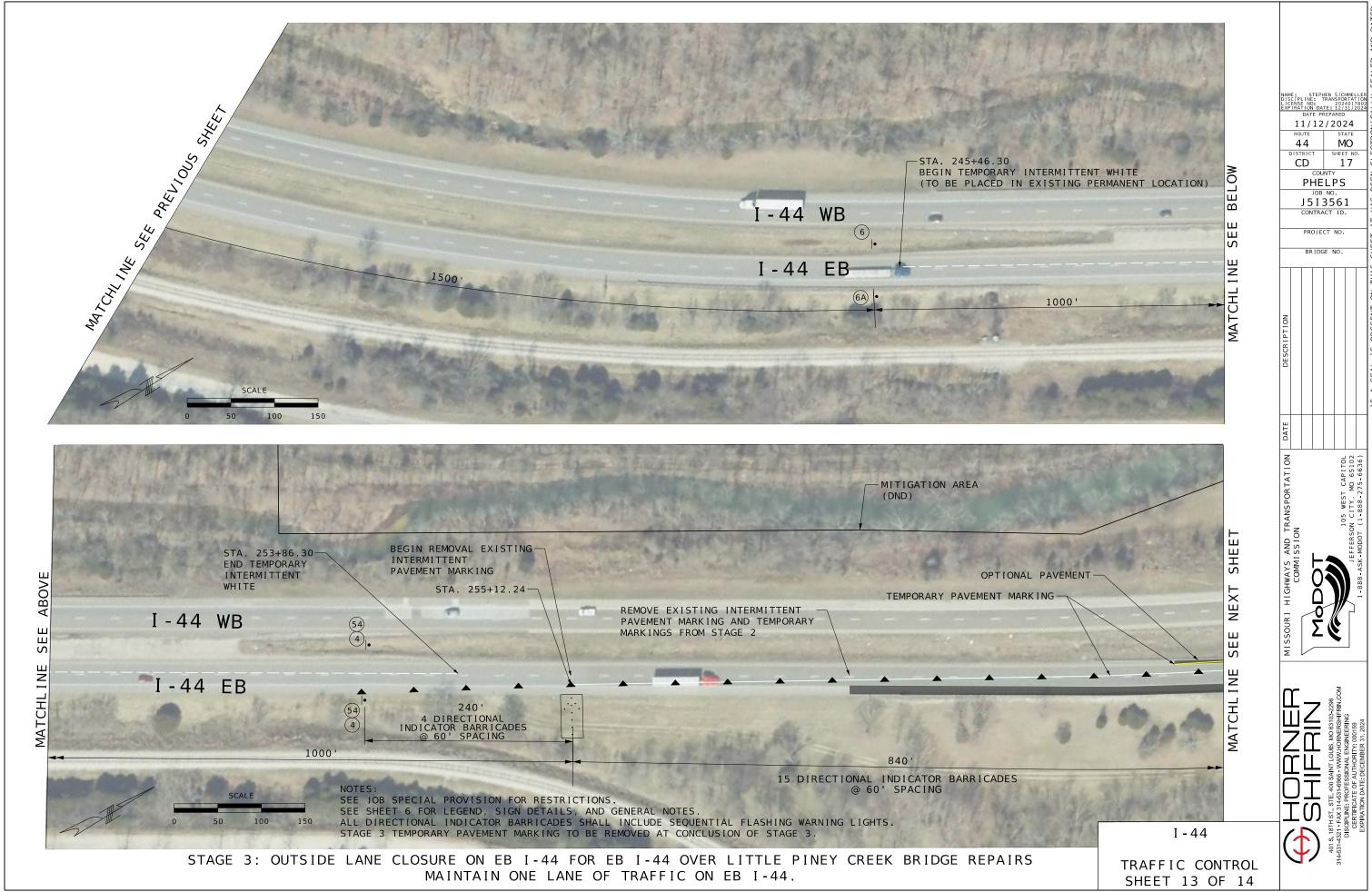


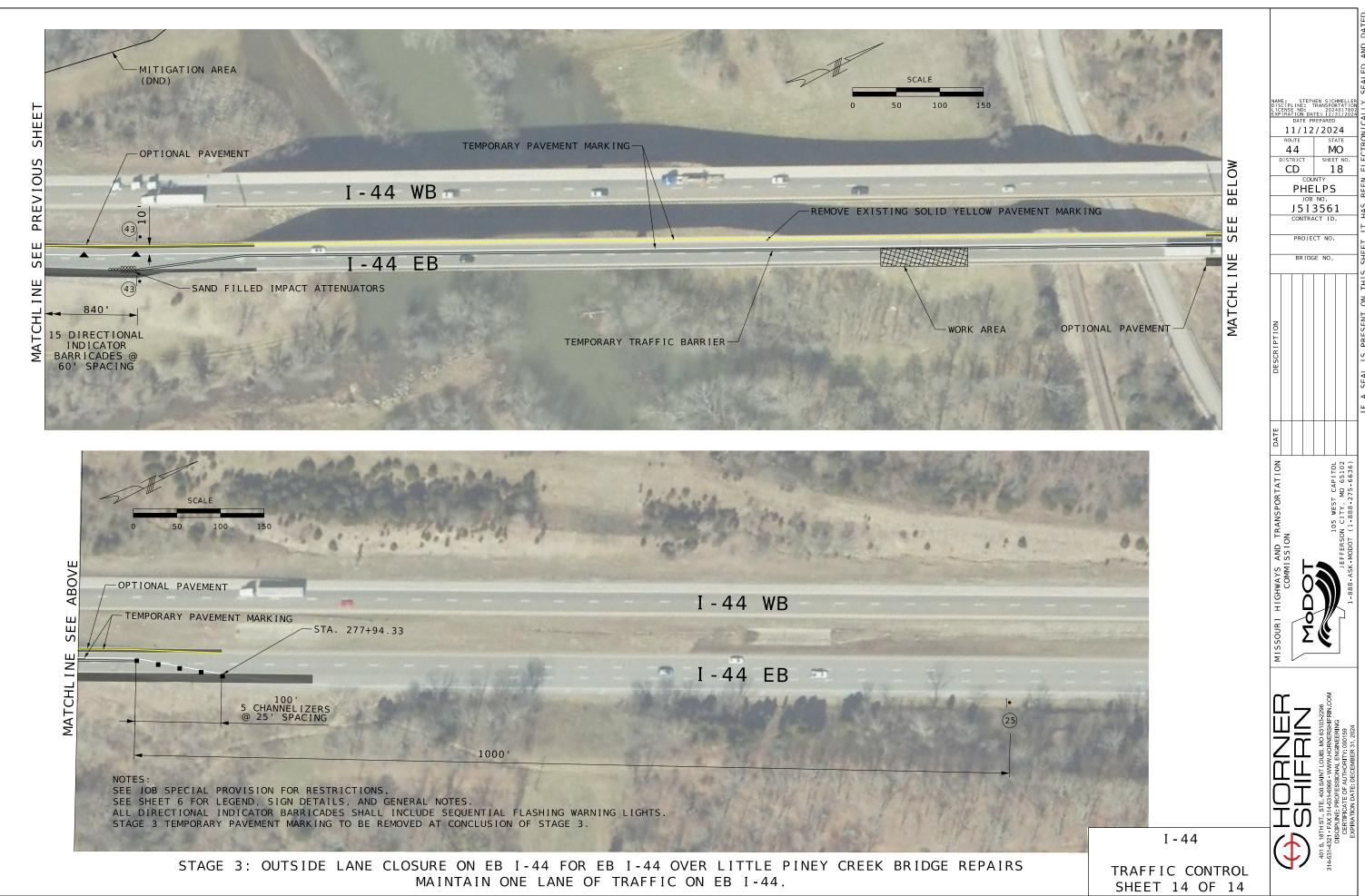












General Notes:

Design Specifications: 2002 AASHTO LFD (17th Ed.) Standard Specifications Seismic Performance Category A Bridge Deck Rating=7

Design Loading: HS20-44 Modified (1964 & 2002) and Military 24,000lb Tandem Axle (1964 & 2002)

Class B-2 Concrete (Half-Sole and Full Depth Repair) f'c = 4,000 psi

All concrete repairs shall be in accordance with Sec 704, unless otherwise

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

Concrete Protective Coatings:
Protective Coating for Concrete Bents and Piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

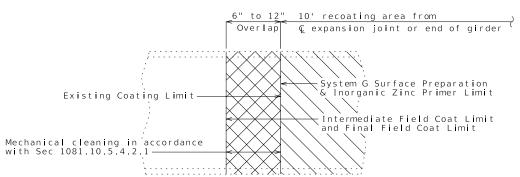
Traffic to be maintained during construction. See roadway plans for traffic

Structural Steel Protective Coating: All existing steel within 10' of the expansion joint near Bent No. 1, 2, 6, & 9 shall be recoated with System G in accordance with Sec 1081.

Surface preparation of the existing steel shall be in accordance with Sec 1081 for Recoating of Structural Steel (System G). The cost of surface preparation will be considered completely covered by the contract unit price per sq. foot for Surface Preparation for Recoating Structural Steel.

The cost of the prime coat will be considered completely covered by the contract unit price per sq. foot for Field Application of Inorganic Zinc

The color of the field coat(s) shall be Gray (Federal Standard #26373). The cost of the intermediate field coat will be considered completely covered by the contract unit price per sq. foot for Intermediate Field Coat (Sytem G). The cost of the finish field coat will be considered completely covered by the contract unit price per sq. foot for Finish Field Coat (System G).



PART ELEVATION SHOWING LIMITS OF PAINT OVERLAP

(Vertical or horizontal paint limit. Horizontal limit shown)

Limits of Paint Overlap: System G shall overlap the existing coating between 6 inches and 12 inches in order to achieve maximum coverage at the paint limit of each complete system near the expansion and contraction areas. The final field coating shall be masked to provide crisp, straight lines and to prevent overspray beyond the overlap

Designed: Aug. 2024 Detailed: Aug. 2024 Checked: Aug.

REHAB DETAILS

Steel

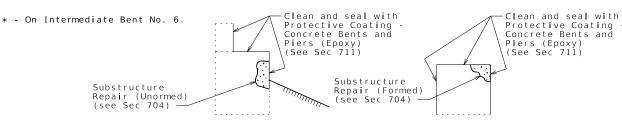
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 1

TYPICAL SECTION THRU EXISTING DECK

Precast Temporary Barrier Temporary barrier shall not be attached to the bridge

	Estimated Quantities		
	I t em		Total
	Removal of Existing Deck Repair	sq. foot	20
	Substructure Repair (Formed)	sq. foot	120
	Substructure Repair (Unformed)	sq. foot	20
	Half-Sole Repair	sq. foot	20
	Full Depth Repair	sq. foot	20
*	Epoxy Pressure Injecting	linear foot	3
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Surface Preparation for Recoating Structural Steel	sq. foot	3,700
	Field Application of Inorganic Zinc Primer	sq. foot	3,700
	Intermediate Field Coat (System G)	sq. foot	4,100
	Finish Field Coat (System G)	sq. foot	4,100



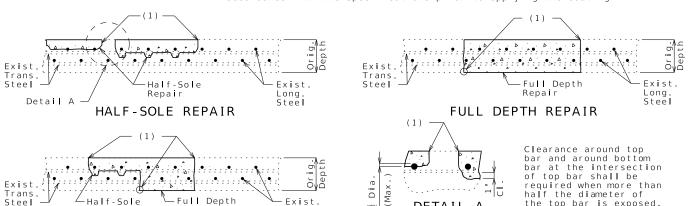
TYPICAL SECTION THRU END BENTS NO. 1 & 9 SHOWING PROTECTIVE COATING

Exist.

TYPICAL SECTION THRU INT. BENTS NO. 2 & 6 SHOWING PROTECTIVE COATING

If Substructure Repair (Formed or Unformed) is required on a bent receiving Protective Coating, repaired concrete must be properly cured in accordance with the specifications prior to applying the coating.

DETAIL A



FULL DEPTH REPAIR WITH HALF-SOLE REPAIR

Repair

(1) 1" vertical side shall be established outside the deteriorated area.

Note: Contractor shall sound the concrete in the vicinity of the expansion joint near Intermediate Bent No. 6 to determine if Half-Sole and/or Full Depth Repair is needed.

REPAIRS TO BRIDGE: ROUTE EB I-44 OVER LITTLE PINEY RIVER & BNSF RR

ROUTE EB I-44 FROM ROUTE J TO ROUTE T ABOUT 4.8 MILES EAST OF ROUTE J BEGINNING STATION 264+86.00± (MATCH EXISTING)

the top bar is exposed.

9/6/2024

1-44 MO SHEET NO BR 1

PHELPS J5I3561 CONTRACT IE

PROJECT NO.

G04188

HORNER