

Structure Inventory and Appraisal

Bridge ID: HANC		Official		28.5	SD/FO: Str	ructurally Deficient							
FHWA No.: 12934		Unofficial		28.5		ructurally Deficient							
>			U			Secondary Denoiont							
7 Facility Carried:	IDENTIFICATION LOCAL	90 Inspection Date:	05/08/2014	INSPE	CTION Inspection Type:	N/A							
5B Rte. Signing Prefix:	4	Next Routine Insp Date:	05/08/2014		91 Frequency:	24							
		Next Routine hisp Date.	03/00/2010										
5C Level of Service:	1 - MAINLINE	have a time A man and	5 Oanaulta		Next Insp Type:	Regular							
5D Inventory Route:	00000	Inspection Agency:	5 - Consultar	nt	Inspection Group:	Crawford County							
City:	RURAL	93A FC Inspection Date:											
3 County:	024 - Crawford	92A FC Frequency:	0		Next FC Insp.:	NA							
9 Location:	084400902	93B UW Inspection Date:											
5E Directional Suffix:	0 - NOT APPLICABLE	92B UW Frequency:	0		Next UW Insp.:	NA							
6 Feature Intersected:	EAST SOLDIER RIVER	93C SI Date:											
2 District:	0	92C SI Frequency:	0		Next Spec. Insp.:	NA							
Garage:	000	Other Non-NBI Date:											
98 Border Bridge Code:		Other Non-NBI Freq.:			Next Other Insp.:	NA							
% Responsibility:	0			CONI	DITION								
99 Border Bridge No.:		58 Deck:	4 - Poor Co	ondition (advanced	d deterioration)								
STRU	CTURE TYPE AND MATERIALS	59 Super:	5 - Fair Cor	ndition (minor sec	tion loss)								
43A Main Span	3 - Steel	60 Sub:	4 - Poor Co	ondition (advanced	d deterioration)								
43B Main Span Design:	02 - Stringer/Multi-beam or Girder	61 Channel/Channel Prot.	: 6 - Bank slu	ump. widespread	minor damage								
45 No. Spans Main Unit:	3	62 Culvert:	N - Not App		C C								
44A Appr. Span	000 - NA		Ν - Νοι Αρμ										
44B Appr. Span Design:	000 - NA	67 Str. Evaluation:	4 Mooto m	APPR ninimum tolerable									
46 No. of Appr. Spans:	Near 0 Far 0												
107 Deck Type:	8 - Wood or Timber	68 Deck Geometry:			of corrective action								
108A Wearing Surface:	7 - Wood or Timber	69 Underclear Vert & Hori											
108B Membrane:	0 - None	71 Waterway Adequacy:		onal Overtopping									
108C Deck Protection:		72 Approach Alignment: 7 - Better than present minimum criteria											
		36A Bridge Rail:				S, OR IS NOT THERE AND IS NEEDED.							
48 Length Max Span:	GEOMETRIC DATA 46 ft.	36B Transition:				S, OR IS NOT THERE AND IS NEEDED							
49 Structure Length:	125 ft.	36C Approach Rail:				S, OR IS NOT THERE AND IS NEEDED							
34 Skew:	0°	36D Approach Rail Ends:	0 - DOES NO	OT MEET CURREN	IT SAFETY STANDARD	S, OR IS NOT THERE AND IS NEEDED							
Deck Area:	2162.5 sq. ft.	113 Scour Critical:	3 - Scour C	critical - Unstable									
50B Curb/Sdwk Width R				LOAD RATING	AND POSTING								
50A Curb/Sdwk Width L:			Unknown	ross (AS) roporto	d in english tons using	HS-20 loading							
		ů.	.7 Tons	ess (AS) reported	a in english tons asing	113-20 loading.							
51 Width Curb to Curb:	16.9 ft.			ess (AS) reported	d in english tons using	HS-20 loading.							
52 Width Out to Out:	17.3 ft.	, ,	.9 Tons										
32 Appr. Roadway width	: 25 ft.	5		% below legal loads									
(w/ Shoulders)		41 Posting Status: P	- Posted for Lo										
33 Median:	0 - No median	27 Year Built:	1945	AGE AND	D SERVICE Design No.:	0							
35 Structure Flared:	00 - No flare	106 Year Reconstructed:	1945		_ 50.g 110	·							
10 Vertical Clearance:	99'99"	42A Type of Service on:	1 - Highway	N.									
47 Horiz. Clearance:	16'11"		• •										
53 Min. Vert. Clearance	Over: 99'99"	42B Type of Service Unde		зу		0							
54B Min. Vert. Underclea	arance: 00'00"	28A Lanes on:	1		28B Lanes under:	0							
55 Min. Lat. Undercleara	unce R: 00'00"	29 ADT:	30		30 Year of ADT:	2012							
56 Min. Lat. Undercleara	ince L: 00'00"	109 Truck ADT:	0 %		Speed Limit:	55							
>	NAVIGATION DATA	19 Detour Length:	4 mi.										
38 Navigation Control:		<u> </u>		CLASS	IFICATION								
-	ntrol on waterway (bridge permit not required)	112 NBIS Length:	Y										
111 Pier Protection:	00'00"	26 Functional Class:	09 - Rura										
39 Vertical Clearance:	00'00"	100 STRAHNET:		defense highway									
40 Horiz. Clearance:	000'00"	101 Parallel Structure:		arallel structure	iou troffio								
		102 Direction of Traffic: 22 Owner:		ane bridge for 2-w									
	68 17 Longitude: -95.51776754			nty Highway Ager nty Highway Ager									
16 Latitude: 42.104482	-	21 Clistodian		, inginvay Ayer	·~,								
16 Latitude: 42.104482		21 Custodian:											
16 Latitude: 42.1044820		37 Historical Significance: 75A Type of Work Propose	5 - Not el		oration								

Project I	Number:									<u> </u>		·			VFO	RDC	OUN	ITY C) AY I	LABO	R P	ROJE	ECT	SHE)		·		<u> </u>	Ē)ate:	May 25	5 2	005		
Location: 110405h					Section: 8 & 9															T				Hanover													
Descript	tion of Wo	ork:		Driv	e on	e 40'	x 8" (Steel	H pile	e Ihro	uah	cap te	o ren	lace r	nne h	ad w	oode	n pilir												<u> </u>				FHWA No: 129			
For	the monti	h of:					-												.9.														Bridge Typ				
i	April											_																							16-1		
Empl	loyee			<u> </u>	.											laurs wa																	Totai	Hourly	Hourly	Tatala	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	_20	21	22	23	24	25	26	27	28	29	30	31	Hours		Rate	Totals		
Terry Lally																						8					8	\$	36.58	\$292.64							
Dan Blun	-	<u> </u>			_	ļ	<u> </u>				↓					L												8					8	\$	33.49	\$267.92	
Howard C							1						ļ	<u> </u>						_	<u> </u>							8					8	\$	28,40	\$227.20	
Kyle Schu							1		ļ				<u> </u>	<u> </u>	<u></u>						L							8			·		8	\$	25.46	\$203.68	
Blake De		ļ				<u> </u>	<u> </u>					<u> </u>					 .	<u> </u>										8					8	\$	13.48	\$107.84	
Chris Boe	eck					 	<u> </u>		<u> </u>	<u> </u>			<u> </u>			<u> </u>						L_											0	\$	10.27	\$0.00	
<u> </u>		<u> </u>	_			<u> </u>					<u> </u>						<u> </u>													L			0	\$	-	\$0.00	
		ļ				<u> </u>	ļ			<u> </u>									L	<u> </u>													0	\$		\$0.00	
ļ		1					1	<u> </u>				L.				ļ																	0	\$	-	\$0.00	
	_	 				ļ	<u> </u>					<u> </u>								ļ.,							i i						0	\$	-	\$0.00	
		<u> </u>	L			ŀ	<u>}</u>																								1		0	\$		\$0.00	
																\$1,099.28																					
Equipment		<u> </u>		<u> </u>	Υ <u></u>				<u>r -</u>						irs w	orke																Total		Hourty	Totals		
L		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Hours		Rate		
#83 Cat E		<u> </u>				 	<u> </u>		ļ	<u> </u>		İ		L		L		·	[<u> </u>	ļ								3					3	\$		\$201.57	
#73 Link 8		 				_	 	<u> </u>		ļ	<u> </u>			<u> </u>		<u> </u>		<u> </u>		<u> </u>								3			L		3	\$		\$294.99	
#103 Tele					<u> </u>	 	_	<u> </u>		<u> </u>	<u> </u>	ļ	L			<u> </u>		<u> </u>		_		<u> </u>		<u> </u>									0	\$		\$0.00	
#75 IH Do		<u> </u>	<u> </u>			<u> </u>				<u> </u>	 		<u> </u>	<u> </u>				ļ	<u> </u>	<u> </u>				ļ									0	\$		\$0.00	
#59 J. D.					-	<u> </u>	<u> </u>	 	<u> </u>	 	<u> </u>	<u> </u>			L	<u> </u>			ļ	<u> </u>		L	I				<u> </u>						0	\$		\$0.00	
#32 J.D.			<u> </u>			+				 	ļ		_ .			ļ	┞	<u> </u>		<u> </u>		<u> </u>											0	\$		\$0.00	
#97 air co #63 Welde	ntip.				 	<u> </u>	+	<u> </u>	<u> </u>			I				┟	<u> </u>			<u> </u>			ļ	<u> </u>									0	\$		\$0.00	
#18 Tool		<u> </u>	\vdash			<u>} -</u>	<u> </u>	 	├		<u> </u>	 		<u> </u>				 	 	<u> </u>		<u> </u>		<u> </u>				2			<u> </u>	[2	\$		\$20.00	
#10 1001	TTUCK				<u> </u>					<u> </u>		<u> </u>		[[<u> </u>	<u> </u>				2					2	\$		\$13.88	
<u> </u>					<u> </u>			<u> </u>					<u> </u>	┝			<u> </u>		<u> </u>	<u> </u>		<u> </u>		 			ļ						0	\$		\$0.00	
						<u> </u>	<u> </u>	+					<u> </u>	 	<u> </u>		i	<u> </u>		<u> </u>			 	<u> </u>			<u> </u>				ļ		0	\$		\$0.00	
							L	<u>. </u>	E		•	<u> </u>	<u> </u>	<u> </u>		I	L	<u> </u>				<u> </u>	<u> </u>	1					L				0	\$		\$0.00	
No. of	[M	latari	isle Î	let				ie - J	mila	lacet		<u>ь</u>		I No		1 		I	Dali			T +4+	r				E0	uipme	nt (LOSIS:	\$530.44	
	Size			Materials List Description of materials used										Sockpile location or			New/ Used		No.		* Units			Unit		Total											
pieces 40'x8"		*	-		0.00								purchased from					Units		<u></u>		Cost				Cost					T	otal La	bor	\$1,099.28			
2	12"x2							H pilli						stock			ew/	40		In. ft.		\$		0.61			4,40			- <u>,</u>							
8	3/4"	-						nanne							<u>ook</u>		used		40			.ft.	\$ 2.00).00	Mate	enals	(pag	<u>e 1):</u>	\$				
16	3/4"							<u>bolt</u>					stock						8			ich	\$ 0.70						Mate	erials	(pag	e 2):	<u> </u>				
5			flat washe								stock					16		each				0.40			5,40				То	otal Material Cost:			\$546.90				
	<u>5 lb.s</u>			welding rods									stock					5			<u>. </u>	\$		<u>6.10</u>).50								,		
·				······································														0				\$	-		\$ -						E	Equipment Costs:		\$530.44			
-			-														<u> </u>			0			\$		-	\$											
	·				<u>~</u>								-				┣—		_	0 0			\$		-	\$		-			T -	4.14	Anala.			40 470 00	
¹	<u> </u>	- · ·				<u>.</u>							L						l.,	<u> </u>	.	1.7 *	\$	A		\$		-			10	tai (Costs:			\$2,176.62	
L	-																				aatei	riai C	osts	(pag	ie 1):	\$	546	6.90									

. . :

.