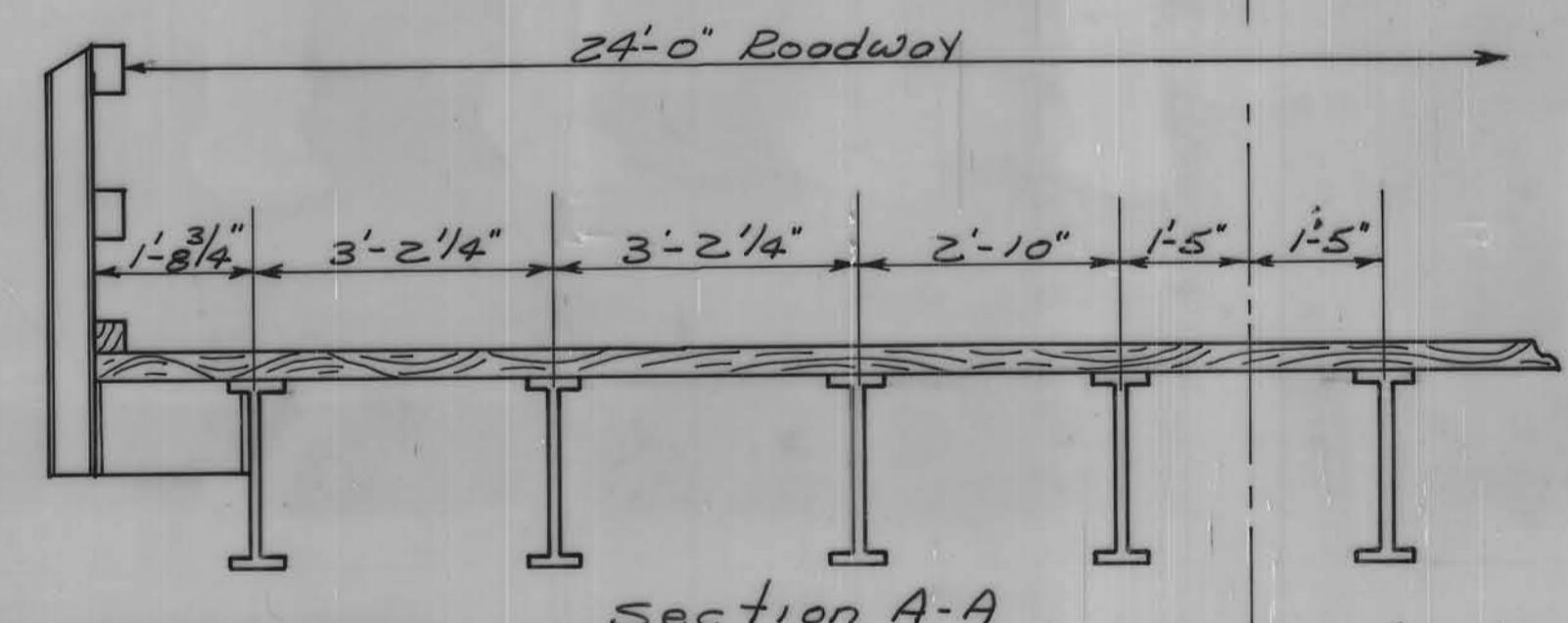
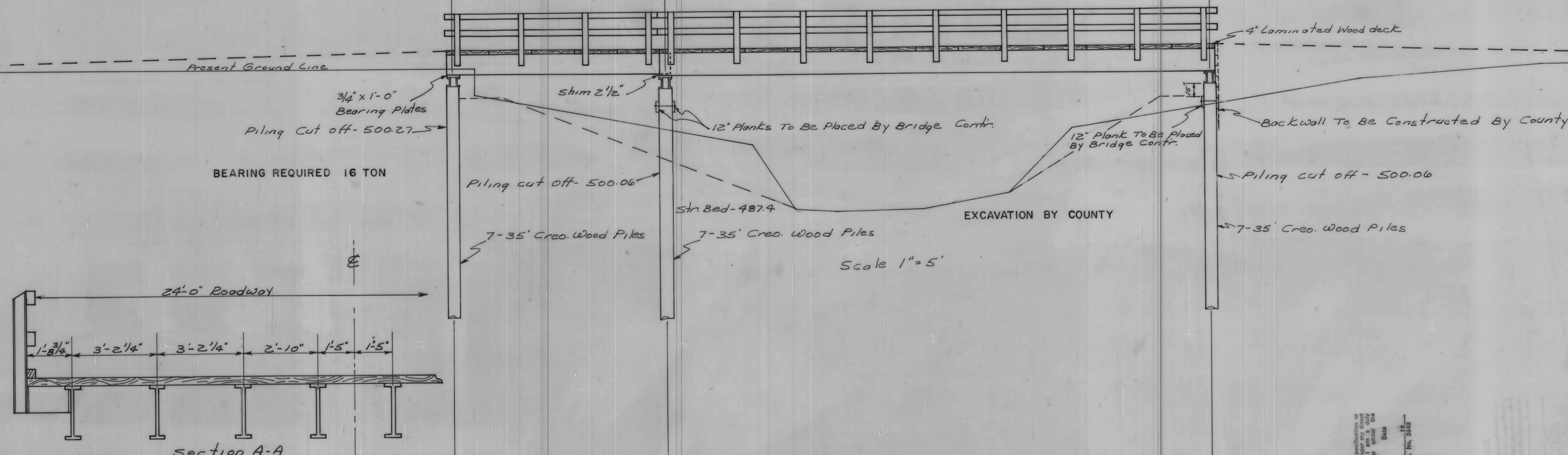


BRIDGE PLAN
BETWEEN SEC'S 10 & 11 WESTSIDE TOWNSHIP
300 FT. SOUTH NORTHEAST COR. SEC. 10-84-37
 D. A. = 16.4 SQ. MI.



Bm #1 Spk. in power pole 33' Lt. Sta. -1+20 Elev. - 500.00

158210
 10-11 Westside 10-11
 10-11 Westside 10-11

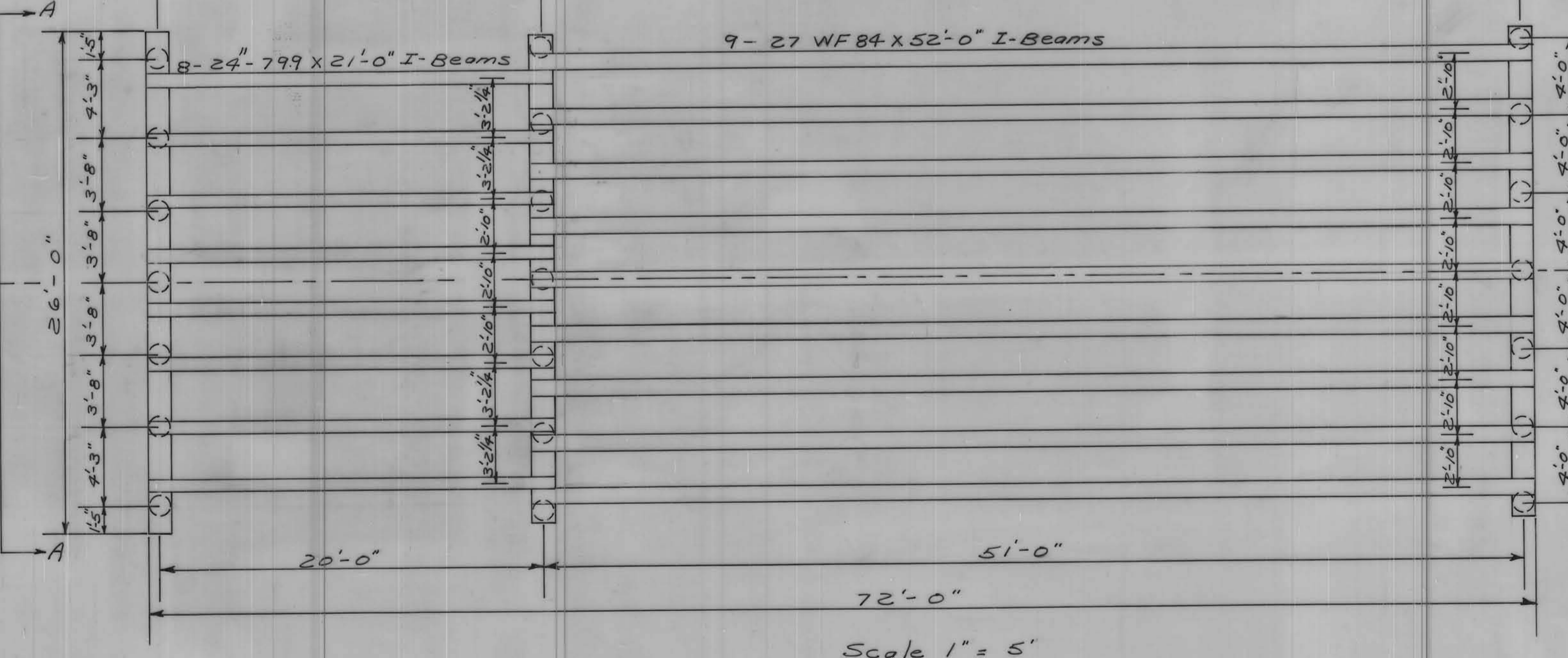


NOTES

CONTRACTOR TO REMOVE PRESENT STRUCTURE, 16' X 50' PONY TRUSS AND 2 - 16' X 16' APPROACHS. BRIDGE TO BE SALVAGED.
 COUNTY TO FURNISH ALL MATERIALS.

BRIDGE CONTRACTOR TO:
 DRIVE ALL PILING.
 PLACE 3-12" PLANKS FOR PILE ALIGNMENT AS SHOWN ON PLANS.
 PLACE ALL CAPS.
 SET 9-27 WF 84 X 52'-0" I BEAMS.

THE REMAINING CONSTRUCTION TO BE COMPLETED BY THE COUNTY.



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
 Date
 JOE HARTY, P.E., Iowa Reg. No. 3848

DESIGN FOR
50' X 24' I-BEAM BRIDGE WITH 20' X 24'
APPROACH SPAN. H-15 LOADING
**WOOD PILES, 4\"/>
 STA. 2+43.5
 PROJECT NO. L70-17
 CRAWFORD, COUNTY 1970**

Project Number:		CRAWFORD COUNTY DAY LABOR PROJECT SHEET																												Date: December 7, 2006																										
Location: 251206w														Section: 10 & 11														Township: Westside																												
Description of Work:		Remove single deck panels and install 4 rows of diaphragms and replace deck with 4" bottom deck and 3" top deck.																												FHWA No: 128510																										
For the month of:																														Bridge Type: I beam																										
Oct.																														Total Hours	Hourly Rate	Totals																								
Employee	Hours worked per day																														Total Hours	Hourly Rate	Totals																							
	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																						
Terry Lally																																						32	\$ 35.73	\$1,143.36																
Dan Blunk																																						24	\$ 30.41	\$729.84																
Howard Clark																																						32	\$ 27.23	\$871.36																
Blake Deiber																																						32	\$ 20.34	\$650.88																
																																							0	\$ -	\$0.00															
																																								0	\$ -	\$0.00														
																																									0	\$ -	\$0.00													
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																																																	0	\$ -	\$0.00					
																																																			0	\$ -	\$0.00			
																																Labor Cost:			\$3,395.44																					
Equipment	Hours worked per day																														Total Hours	Hourly Rate	Totals																							
	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																						
#83 Cat Excavater																																																		0	\$ 67.19	\$0.00				
#73 Link Belt Crane																																																		0	\$ 98.33	\$0.00				
#103 Tele-Crane																																																		0	\$ 89.06	\$0.00				
#75 IH Dozer																																																		0	\$ 42.05	\$0.00				
#59 J. D. Dozer																																																		0	\$ 26.81	\$0.00				
#32 J.D. crawler																																																		0	\$ 28.29	\$0.00				
#97 air comp.																																																			1	\$ 10.00	\$10.00			
#63 Welder																																																			3	\$ 10.00	\$100.00			
#18 Tool Truck																																																			2	\$ 6.94	\$55.52			
#68 320 Cat																																																			6	\$ 67.19	\$873.47			
																																																				2	\$ -	\$0.00		
																																																				2	\$ -	\$0.00		
																																																					0	\$ -	\$0.00	
																																																						0	\$ -	\$0.00
																																Equipment Costs:			\$1,038.99																					
No. of pieces	Size	Materials List		Stockpile location or purchased from	New/ Used	No. Units	* Units	Unit Cost	Total Costs	Total Labor Costs: \$3,395.44																																														
34	36"	diaphragms		stock		34	each	\$ 37.43	\$ 1,272.62	Materials (page 1): \$ 12,252.38																																														
102	7/8"	bolts & nuts		stock		102	each	\$ 0.79	\$ 80.58	Materials (page 2): \$ -																																														
17	24'	4"x12" plank		stock	New/	408	in.ft.	\$ 3.99	\$ 1,627.92																																															
18	24'	4"x16" plank		stock	new/	432	in.ft.	\$ 6.33	\$ 2,734.56																																															
105	4"	deck clips		stock		105	each	\$ 1.10	\$ 115.50	Total Material Cost: \$12,252.38																																														
25	18'	3"x12" plank		stock	new/	450	in.ft.	\$ 3.44	\$ 1,548.00	Equipment Costs: \$1,038.99																																														
25	16'	3"x12" plank		stock	new/	400	in.ft.	\$ 3.44	\$ 1,376.00																																															
50	20'	3"x12" plank		stock	new/	1000	in.ft.	\$ 3.44	\$ 3,440.00																																															
55	lbs.	#60 ring shank		stock		55	lbs.	\$ 1.04	\$ 57.20	Total Costs: \$16,686.81																																														
																																Material Costs (page 1):			\$ 12,252.38																					