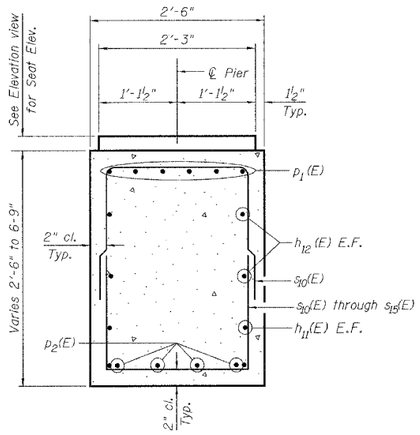
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

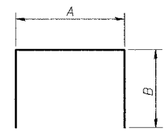
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	**	WILL	505	365
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 24
32 SHEETS

** SECTION 2006-032 BY
CONTRACT NO. 60B86



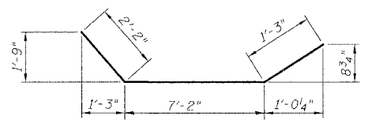
SECTION A-A



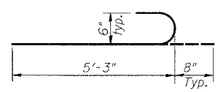
BARS s_{10}(E) thru s_{15}(E)
BARS u(E) & h_{13}(E)

A & B DIMENSIONS

Bar	A	B
s_{10}(E)	2'-2"	2'-2"
s_{11}(E)	2'-2"	3'-0"
s_{12}(E)	2'-2"	3'-10"
s_{13}(E)	2'-2"	4'-8"
s_{14}(E)	2'-2"	5'-6"
s_{15}(E)	2'-2"	6'-4"
u(E)	2'-0"	2'-2"
h_{13}(E)	2'-2"	2'-2"



BARS p_{13}(E)



BARS n(E)

PIER 1
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_{10}(E)	42	#5	15'-6"	
h_{11}(E)	6	#5	26'-0"	
h_{12}(E)	4	#5	27'-4"	
h_{13}(E)	40	#5	6'-6"	
n(E)	48	#6	5'-11"	
p_1(E)	6	#6	27'-4"	
p_2(E)	8	#5	10'-7"	
s_{10}(E)	30	#5	6'-6"	
s_{11}(E)	2	#5	8'-2"	
s_{12}(E)	2	#5	9'-10"	
s_{13}(E)	2	#5	11'-6"	
s_{14}(E)	2	#5	13'-2"	
s_{15}(E)	2	#5	14'-10"	
t(E)	27	#7	11'-8"	
u(E)	6	#5	6'-4"	
v_{10}(E)	48	#6	25'-8"	
w(E)	13	#5	21'-8"	
Structure Excavation			Cu. Yd.	193
Concrete Structures			Cu. Yd.	70.0
Reinforcement Bars, Epoxy Coated			Pound	5,140

PIER 2
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_{10}(E)	38	#5	15'-6"	
h_{11}(E)	6	#5	26'-0"	
h_{12}(E)	4	#5	27'-4"	
h_{13}(E)	36	#5	6'-6"	
n(E)	48	#6	5'-11"	
p_1(E)	6	#6	27'-4"	
p_2(E)	8	#5	10'-7"	
s_{10}(E)	30	#5	6'-6"	
s_{11}(E)	2	#5	8'-2"	
s_{12}(E)	2	#5	9'-10"	
s_{13}(E)	2	#5	11'-6"	
s_{14}(E)	2	#5	13'-2"	
s_{15}(E)	2	#5	14'-10"	
t(E)	27	#7	11'-8"	
u(E)	6	#5	6'-4"	
v_{11}(E)	48	#6	24'-2"	
w(E)	13	#5	21'-8"	
Structure Excavation			Cu. Yd.	163
Concrete Structures			Cu. Yd.	67.8
Reinforcement Bars, Epoxy Coated			Pound	4,940
Removal and Disposal of Unsuitable Material			Cu. Yd.	11
Granular Embankment, Special			Cu. Yd.	11

Note:

1. Reinforcement Bars designated (E) shall be epoxy coated.

DESIGNED	P. PILARSKI
CHECKED	M. SHAIKH
DRAWN	A. ASKARI
CHECKED	M. SHAIKH

Date: 6/30/2006

PARSONS BRINCKERHOFF

PIER 1 & 2 DETAILS
I-55 OVER MS (ABANDONED) R.R.
FAI ROUTE 55-SEC. 2006-032 BY
WILL COUNTY
STA. 710+34.86
STRUCTURE NO. 099-0022 (NB)
STRUCTURE NO. 099-0023 (SB)

6/30/2006 4:22:02 PM G:\16817A\Struct\Cadd\Pre-Final\MS RR\Final Bridge Contract\092205-60B86-000-000-024.dgn