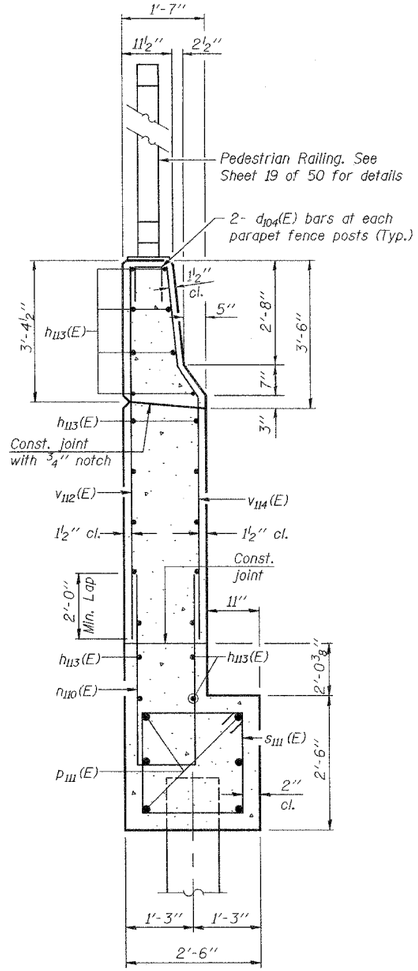
85399

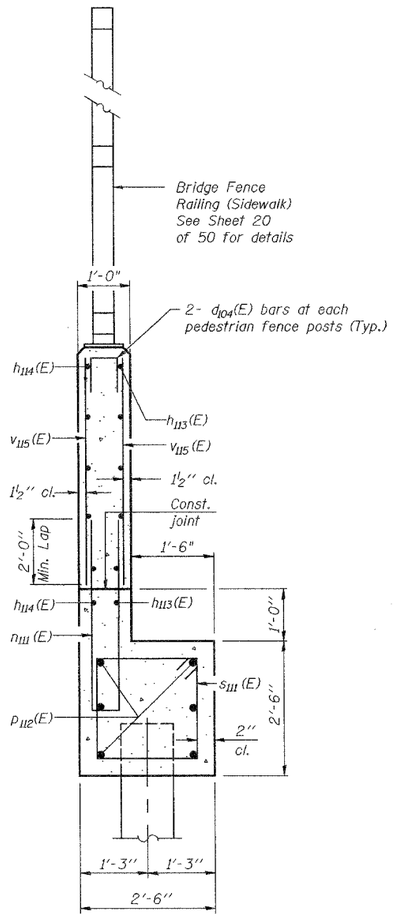
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 0525	*	WINNEBAGO	157	92
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* 02-00518-00-BR

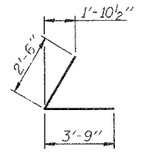
SHEET NO. 35
50 SHEETS



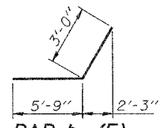
SECTION A-A



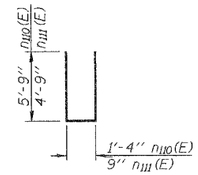
SECTION C-C



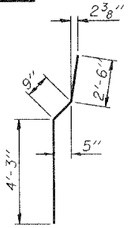
BAR h_{111}(E)



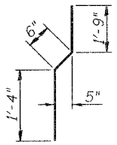
BAR h_{112}(E)



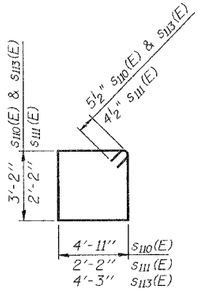
BAR n_{110}(E) & n_{111}(E)



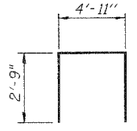
BAR v_{114}(E)



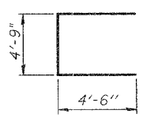
BAR v_{111}(E)



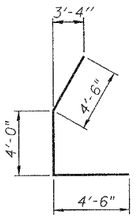
BARS s_{110}(E), s_{111}(E) & s_{113}(E)



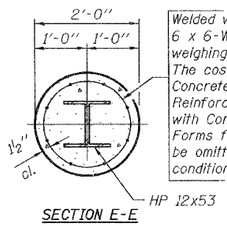
BAR s_{112}(E)



BAR u_{110}(E)

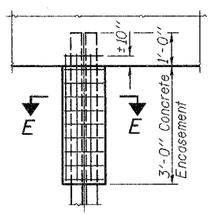


BAR u_{111}(E)



SECTION E-E

Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. The cost of Excavation, Concrete Encasement and Reinforcement is included with Concrete Encasement. Forms for Encasement may be omitted when soil conditions permit.



PILE ENCASEMENT DETAIL

EAST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d_{104}(E)	12	#4	2'-1"	
h_{110}(E)	14	#5	31'-10"	
h_{111}(E)	10	#5	6'-3"	
h_{112}(E)	10	#5	8'-9"	
h_{113}(E)	28	#4	13'-9"	
h_{114}(E)	6	#4	12'-7"	
h_{115}(E)	8	#6	32'-1"	
n_{110}(E)	15	#6	12'-10"	
n_{111}(E)	18	#6	10'-3"	
p_{110}(E)	24	#7	33'-10"	
p_{111}(E)	6	#7	13'-9"	
p_{112}(E)	6	#7	15'-9"	
p_{113}(E)	5	#5	24'-11"	
p_{114}(E)	5	#5	7'-2"	
s_{110}(E)	63	#5	17'-1"	
s_{111}(E)	26	#4	9'-5"	
s_{112}(E)	31	#5	10'-5"	
s_{113}(E)	1	#5	15'-9"	
u_{110}(E)	4	#6	13'-9"	
u_{111}(E)	5	#6	13'-0"	
v_{110}(E)	62	#5	2'-6"	
v_{111}(E)	62	#4	3'-7"	
v_{112}(E)	15	#6	7'-6"	
v_{113}(E)	124	#4	5'-11"	
v_{114}(E)	15	#6	7'-6"	
v_{115}(E)	37	#6	3'-10"	
Structure Excavation		Cu. Yd.	49.4	
Concrete Structures		Cu. Yd.	75.0	
Concrete Encasement		Cu. Yd.	4.6	
Reinforcement Bars, Epoxy Coated		Pound	7260	
Furnishing Steel Piles, HP12x53		Foot	672	
Driving Piles		Foot	672	
Test Piles Steel, HP12x53		Each	1	
Pile Shoes		Each	13	
Concrete Sealer		Sq. Ft.	212	
Porous Granular Embankment		Cu. Yd.	117.3	
Anchor Bolts, 1"		Each	12	

NOTES

Reinforcement bars designated (E) shall be epoxy coated.

Work this Sheet with Sheets 33 & 34 of 50.

See Sheet 16 of 50 for Bar d_{104}(E) configuration.

Corporate License Number 184-001-084

EAST ABUTMENT DETAILS

EASTBOUND HARRISON AVENUE
OVER UP & CC&P RAILROAD
F.A.P. ROUTE 0525
SECTION 02-00518-00-BR
ROCKFORD, ILLINOIS
STATION 95+72.00
STRUCTURE NO. 101-6111

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HANSON

JOB NO. 03R1751

DATE 12/14/06

LAYOUT	JKR/SMK	06/01/06
DRAWN	MDM/JKR	08/14/06
REVIEWED	JKR	08/14/06

10:00:30 AM
12/13/2006
I:\03\Jobs\03R1751\Structure\Sheet\East Bound\S-035-EB-EastAbutDet3.dgn