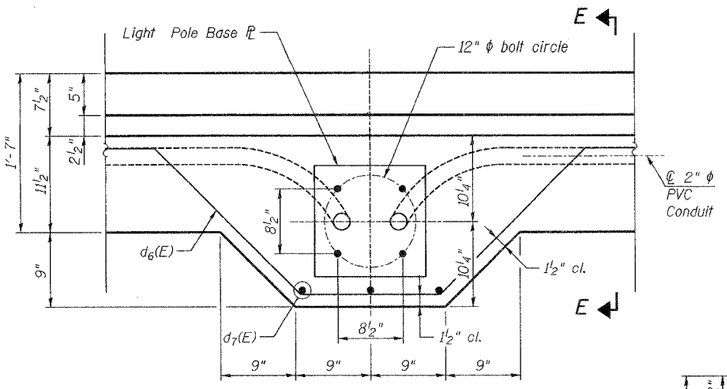
85399

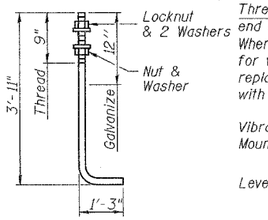
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP Ø525	*	WINNEBAGO	157	123
FED. ROAD DIST. NO. 7	ILL. ØRØ39	FED. AID PROJECT		

SHEET NO. 16
50 SHEETS

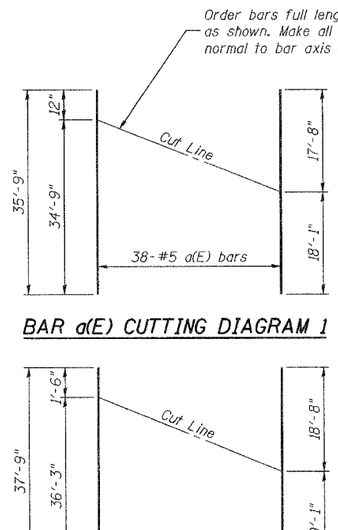
* Ø2-ØØ518-ØØ-BR



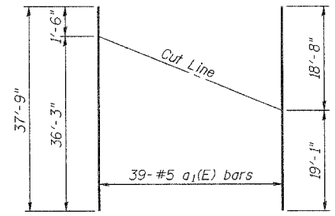
LIGHT POLE MOUNT PLAN



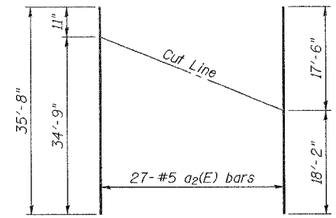
1" ϕ ANCHOR BOLT



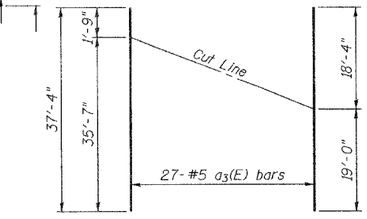
BAR a(E) CUTTING DIAGRAM 1



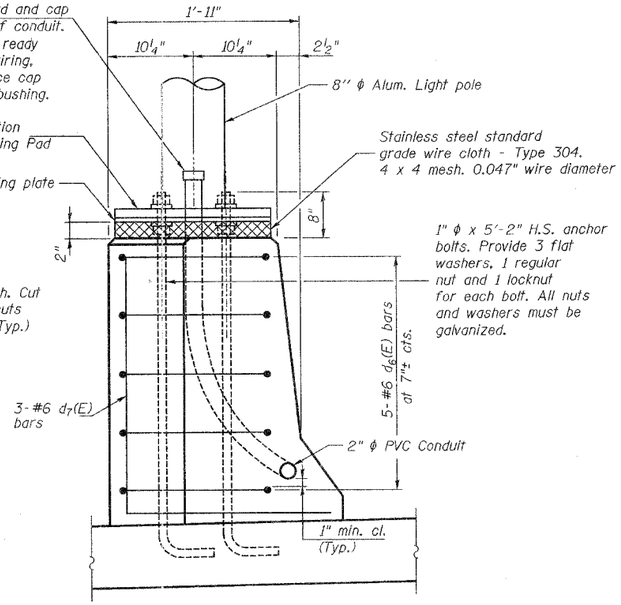
BAR a_1 (E) CUTTING DIAGRAM 2



BAR a_2 (E) CUTTING DIAGRAM 3

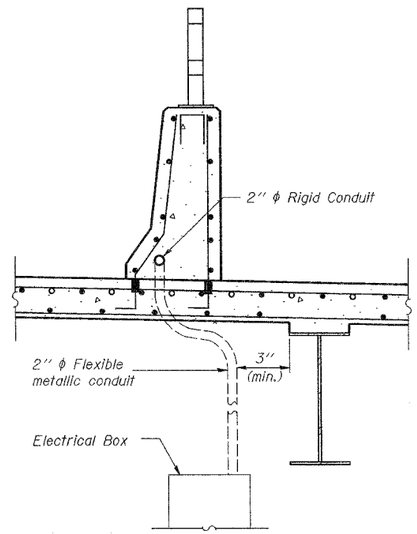


BAR a_3 (E) CUTTING DIAGRAM 4

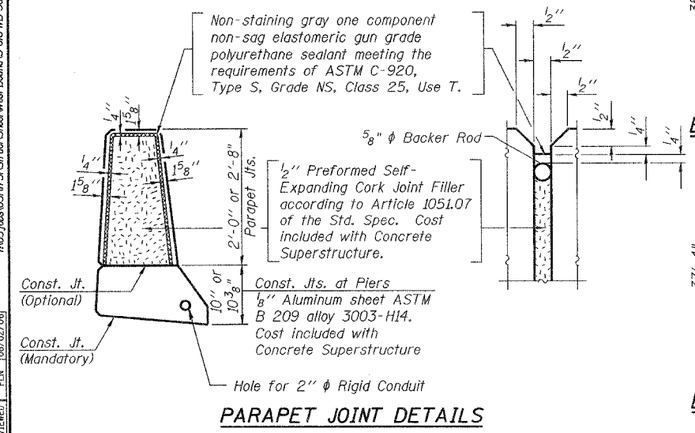


SECTION E-E

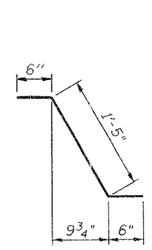
BARS x(E)



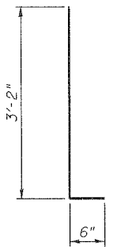
ELECTRICAL BOX - CONDUIT DETAILS



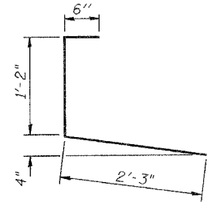
PARAPET JOINT DETAILS



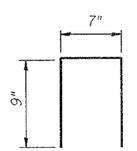
BAR d_1(E)



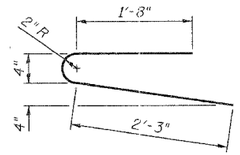
BARS d(E) & d_2(E)



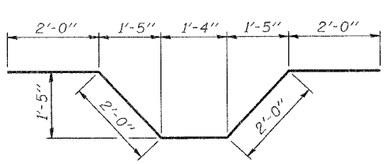
BAR d_3(E)



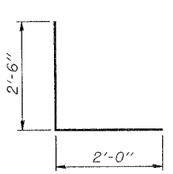
BARS d_4(E)



BAR d_5(E)



BAR d_6(E)



BAR d_7(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	38	#5	35'-9"	
a_1(E)	39	#5	37'-9"	
a_2(E)	27	#5	35'-8"	
a_3(E)	27	#5	37'-4"	
a_4(E)	4	#5	28'-2"	
a_5(E)	4	#5	27'-3"	
a_6(E)	1289	#5	36'-3"	
a_7(E)	417	#6	4'-6"	
b(E)	507	#5	34'-2"	
b_1(E)	74	#6	28'-7"	
b_2(E)	148	#6	25'-3"	
b_3(E)	74	#6	31'-10"	
b_4(E)	532	#5	31'-11"	
d(E)	455	#5	3'-8"	
d_1(E)	455	#5	2'-5"	
d_2(E)	455	#4	3'-8"	
d_3(E)	455	#4	3'-11"	
d_4(E)	200	#4	2'-1"	
d_5(E)	455	#4	4'-5"	
d_6(E)	15	#6	9'-4"	
d_7(E)	9	#6	4'-6"	
e(E)	12	#4	15'-10"	
e_1(E)	42	#4	13'-8"	
e_2(E)	28	#4	14'-6"	
e_3(E)	56	#4	18'-5"	
e_4(E)	28	#4	13'-1"	
e_5(E)	14	#4	15'-5"	
e_6(E)	14	#4	16'-3"	
e_7(E)	28	#4	12'-3"	
e_8(E)	56	#4	18'-0"	
e_9(E)	28	#4	16'-1"	
e_{10}(E)	70	#4	15'-11"	

Bar	No.	Size	Length	Shape
e_{11}(E)	2	#8	32'-0"	
e_{12}(E)	4	#8	41'-6"	
e_{13}(E)	8	#8	14'-6"	
e_{14}(E)	12	#8	27'-4"	
e_{15}(E)	8	#8	13'-1"	
e_{16}(E)	4	#8	15'-5"	
e_{17}(E)	4	#8	16'-3"	
e_{18}(E)	8	#8	12'-3"	
e_{19}(E)	12	#8	26'-9"	
e_{20}(E)	8	#8	16'-1"	
e_{21}(E)	12	#8	29'-6"	
e_{22}(E)	2	#5	30'-6"	
e_{23}(E)	2	#5	40'-0"	
e_{24}(E)	8	#5	14'-6"	
e_{25}(E)	12	#5	26'-0"	
e_{26}(E)	8	#5	13'-1"	
e_{27}(E)	4	#5	15'-5"	
e_{28}(E)	4	#5	16'-3"	
e_{29}(E)	8	#5	12'-3"	
e_{30}(E)	12	#5	25'-5"	
e_{31}(E)	8	#5	16'-1"	
e_{32}(E)	6	#5	27'-7"	
e_{33}(E)	6	#5	28'-1"	
e_{34}(E)	2	#5	41'-6"	
e_{35}(E)	12	#4	16'-4"	
e_{36}(E)	2	#8	32'-11"	
e_{37}(E)	2	#5	31'-5"	
x(E)	78	#5	4'-1"	
Reinforcement Bars, Epoxy Coated		Pound	123,290	
Concrete Superstructure		Cu. Yds.	513.1	
Bridge Deck Grooving		Sq. Yds.	1205	
Protective Coat		Sq. Yds.	2381	
Floor Drains		Each	5	

NOTES

Work this sheet with Sheets 10 thru 15 of 50.
Bar indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
For light pole spacing see Sheet 13 of 50.
Reinforcement bars designated (E) shall be epoxy coated.
Cost of anchor bolts is included with Concrete Superstructure.
Conduit shall not be placed in parapet until reinforcement is set.

Corporate License Number 184-001-084

SUPERSTRUCTURE DETAILS

WESTBOUND HARRISON AVENUE
OVER UP & CC&P RAILROAD
F.A.P. ROUTE 0525
SECTION 02-00518-00-BR
ROCKFORD, ILLINOIS
STATION 95+25.35
STRUCTURE NO. 101-6109

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HANSON

JOB NO. 03R1751
DATE 12/14/06

LAYOUT	JKR	04/26/06
DRAWN	MGM, JKR	07/12/06
REVIEWED	FLN	08/02/06

12:46 PM
12/13/2006 Dbd: PM
N:\03 Jobs\03R1751\Struct\Sheet\West Bound\S-01-WB-SupDet-BOM.dgn