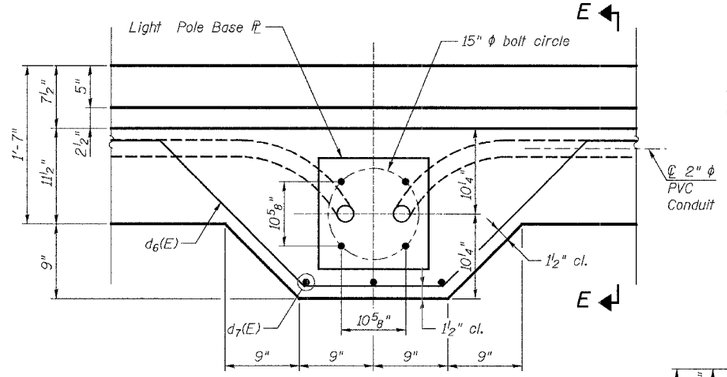
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 0525	-	WINNEBAGO	157	73
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

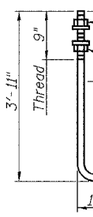
- 02-00518-00-BR

SHEET NO. 16
50 SHEETS

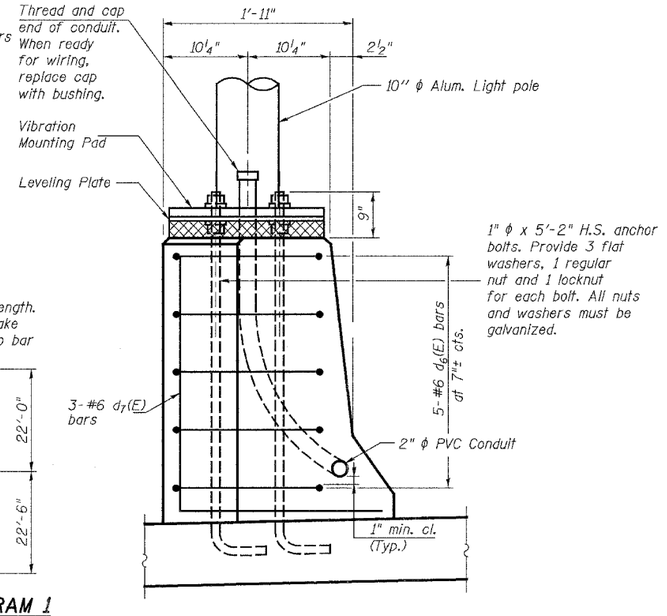
85399



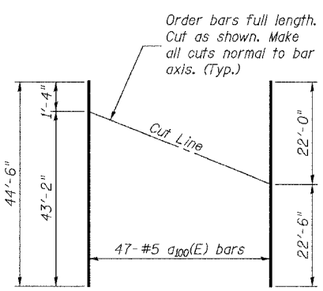
LIGHT POLE MOUNT PLAN



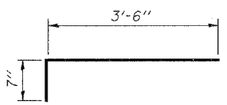
1" ϕ ANCHOR BOLT



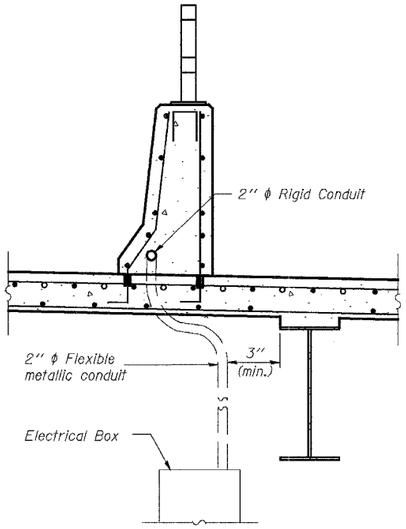
SECTION E-E



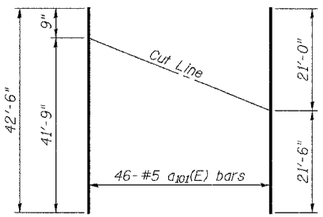
BAR $a_{100}(E)$ CUTTING DIAGRAM 1



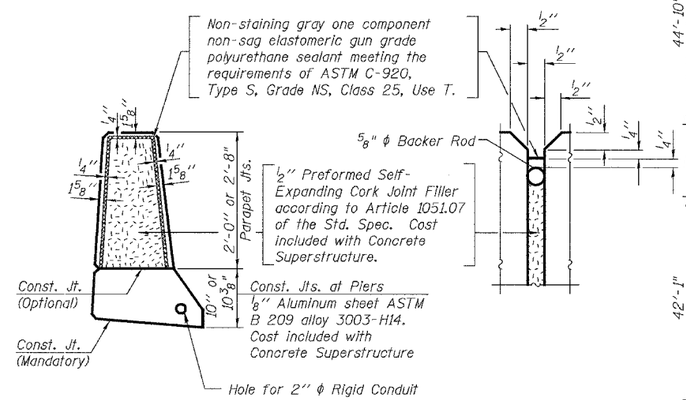
BARS $x_{100}(E)$



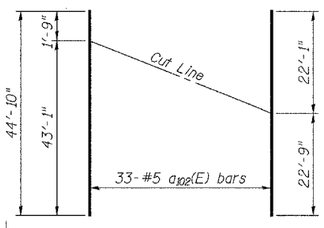
ELECTRICAL BOX - CONDUIT DETAILS



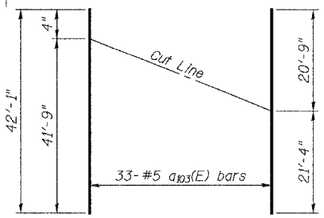
BAR $a_{101}(E)$ CUTTING DIAGRAM 2



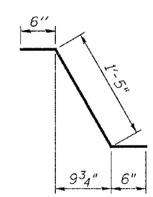
PARAPET JOINT DETAILS



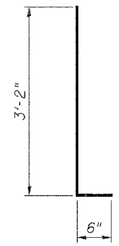
BAR $a_{102}(E)$ CUTTING DIAGRAM 3



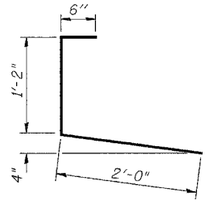
BAR $a_{103}(E)$ CUTTING DIAGRAM 4



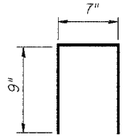
BAR $d_{101}(E)$



BARS $d_{100}(E)$ & $d_{102}(E)$



BAR $d_{103}(E)$



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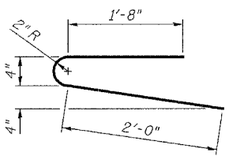
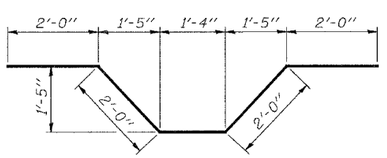
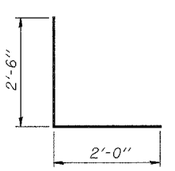


BARS $d_{105}(E)$



BAR $d_{106}(E)$



BAR $d_{107}(E)$

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_{100}(E)$	47	#5	44'-6"	
$a_{101}(E)$	46	#5	42'-6"	
$a_{102}(E)$	33	#5	44'-10"	
$a_{103}(E)$	33	#5	42'-1"	
$a_{104}(E)$	4	#5	32'-6"	
$a_{105}(E)$	4	#5	33'-5"	
$a_{106}(E)$	1262	#5	43'-3"	
$a_{107}(E)$	417	#6	4'-6"	
$b_{100}(E)$	598	#5	34'-2"	
$b_{101}(E)$	88	#6	28'-7"	
$b_{102}(E)$	176	#6	25'-3"	
$b_{103}(E)$	88	#6	31'-10"	
$b_{104}(E)$	644	#5	31'-11"	
$d_{100}(E)$	455	#5	3'-8"	
$d_{101}(E)$	455	#5	2'-5"	
$d_{102}(E)$	455	#4	3'-8"	
$d_{103}(E)$	455	#4	3'-8"	
$d_{104}(E)$	200	#4	2'-1"	
$d_{105}(E)$	455	#4	4'-5"	
$d_{106}(E)$	15	#6	9'-4"	
$d_{107}(E)$	9	#6	4'-6"	
$e_{100}(E)$	12	#4	15'-10"	
$e_{101}(E)$	42	#4	13'-8"	
$e_{102}(E)$	28	#4	14'-6"	
$e_{103}(E)$	56	#4	18'-5"	
$e_{104}(E)$	28	#4	13'-1"	
$e_{105}(E)$	14	#4	15'-5"	
$e_{106}(E)$	14	#4	16'-3"	
$e_{107}(E)$	28	#4	12'-3"	
$e_{108}(E)$	56	#4	18'-0"	
$e_{109}(E)$	28	#4	16'-1"	
$e_{110}(E)$	70	#4	15'-11"	

Bar	No.	Size	Length	Shape
$e_{111}(E)$	2	#8	32'-0"	
$e_{112}(E)$	4	#8	41'-6"	
$e_{113}(E)$	8	#8	14'-6"	
$e_{114}(E)$	12	#8	27'-4"	
$e_{115}(E)$	8	#8	13'-1"	
$e_{116}(E)$	4	#8	15'-5"	
$e_{117}(E)$	4	#8	16'-3"	
$e_{118}(E)$	8	#8	12'-3"	
$e_{119}(E)$	12	#8	26'-9"	
$e_{120}(E)$	8	#8	16'-1"	
$e_{121}(E)$	12	#8	29'-6"	
$e_{122}(E)$	2	#5	30'-6"	
$e_{123}(E)$	2	#5	40'-0"	
$e_{124}(E)$	8	#5	14'-6"	
$e_{125}(E)$	12	#5	26'-0"	
$e_{126}(E)$	8	#5	13'-1"	
$e_{127}(E)$	4	#5	15'-5"	
$e_{128}(E)$	4	#5	16'-3"	
$e_{129}(E)$	8	#5	12'-3"	
$e_{130}(E)$	12	#5	25'-5"	
$e_{131}(E)$	8	#5	16'-1"	
$e_{132}(E)$	6	#5	27'-7"	
$e_{133}(E)$	6	#5	28'-1"	
$e_{134}(E)$	2	#5	41'-6"	
$e_{135}(E)$	12	#4	16'-4"	
$e_{136}(E)$	2	#8	32'-11"	
$e_{137}(E)$	2	#5	31'-5"	
$x_{100}(E)$	92	#5	4'-1"	

Reinforcement Bars, Epoxy Coated	Pound	143,020
Concrete Superstructure	Cu. Yds.	584.1
Bridge Deck Grooving	Sq. Yds.	1205
Protective Coat	Sq. Yds.	2760
Floor Drains	Each	3

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.

revised 2/15/07

Corporate License Number 184-001-084

SUPERSTRUCTURE 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	02/01/06
DRAWN	MGW/JKR	01/20/06
REVIEWED	F.H.	08/04/06

2:0446 PM
02/28/2007, 02:04 PM
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