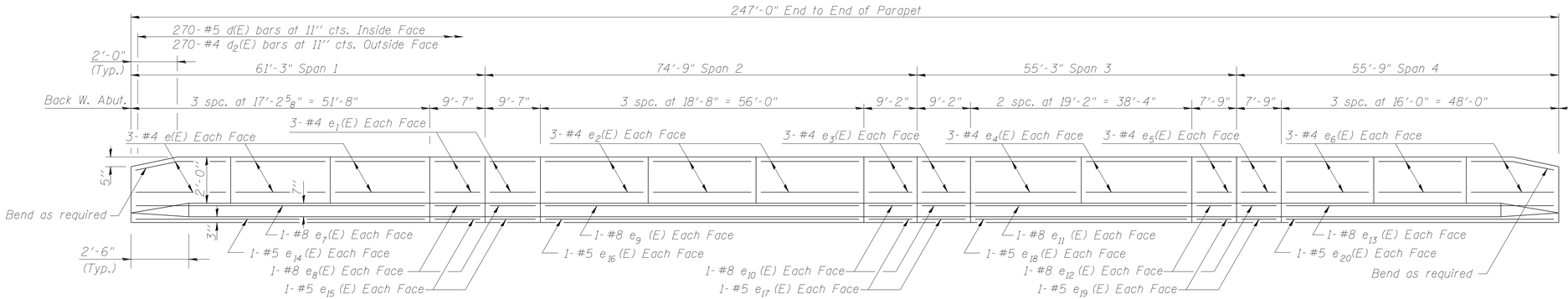
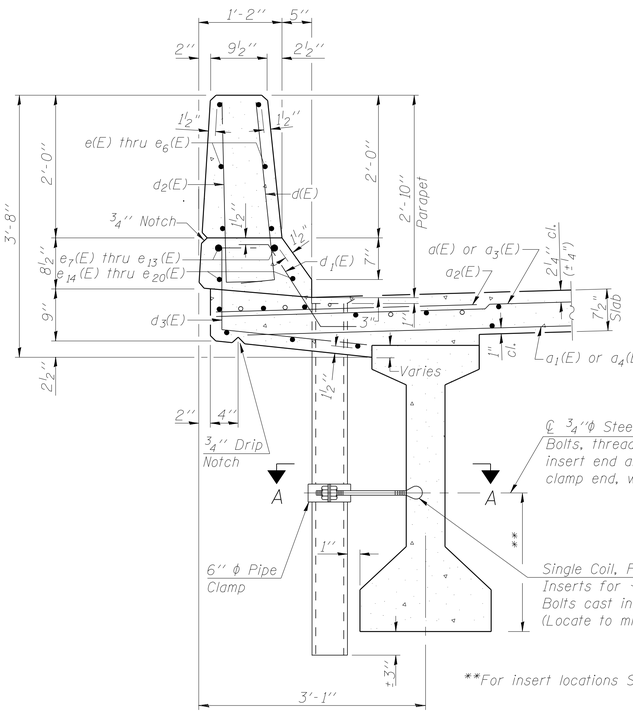
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	(122BR) BR	COLES	49	21
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 8
24 SHEETS

Contract #74146

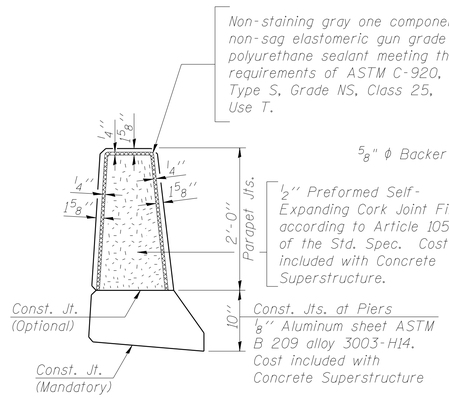


INSIDE ELEVATION OF PARAPET

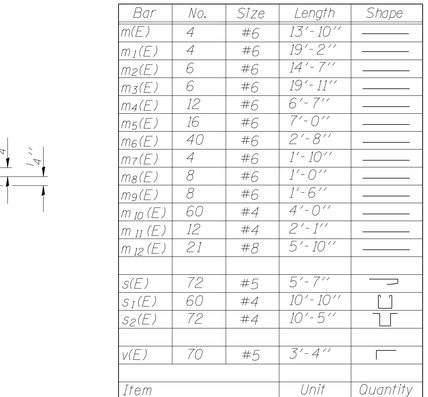


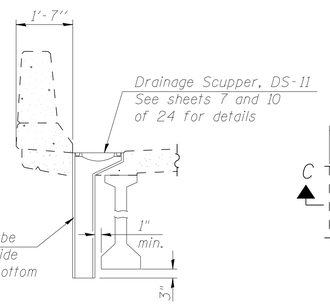
**For insert locations See shts. 12-14 of 24.

SECTION THRU PARAPET

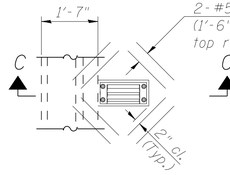


PARAPET JOINT DETAILS





SECTION C-C



PLAN

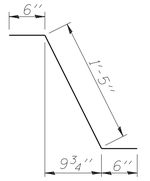
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
m(E)	4	#6	13'-10"	
m1(E)	4	#6	19'-2"	
m2(E)	6	#6	14'-7"	
m3(E)	6	#6	19'-11"	
m4(E)	12	#6	6'-7"	
m5(E)	16	#6	7'-0"	
m6(E)	40	#6	2'-8"	
m7(E)	4	#6	1'-10"	
m8(E)	8	#6	1'-0"	
m9(E)	8	#6	1'-6"	
m10(E)	60	#4	4'-0"	
m11(E)	12	#4	2'-1"	
m12(E)	21	#8	5'-10"	
s(E)	72	#5	5'-7"	
s1(E)	60	#4	10'-10"	
s2(E)	72	#4	10'-5"	
v(E)	70	#5	3'-4"	

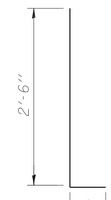
Item	Unit	Quantity
Reinforcement Bars, Epoxy Coated	Lbs.	64,500
Concrete Superstructure	Cu. Yds.	316.0
Drainage Scuppers, DS-11	Each	4
Bridge Deck Grooving	Sq. Yds.	823
Protective Coat	Sq. Yds.	1086
Floor Drains	Each	30

SUPERSTRUCTURE BILL OF MATERIAL

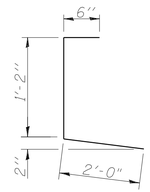
Bar	No.	Size	Length	Shape
a(E)	396	#5	19'-9"	
a1(E)	297	#5	19'-1"	
a2(E)	398	#6	4'-6"	
a3(E)	396	#5	14'-5"	
a4(E)	297	#5	13'-9"	
a5(E)	32	#5	1'-6"	
b(E)	342	#5	28'-11"	
b1(E)	240	#5	32'-4"	
b2(E)	35	#6	34'-0"	
b3(E)	35	#6	32'-6"	
b4(E)	35	#6	27'-9"	
d(E)	540	#5	3'-0"	
d1(E)	528	#5	2'-5"	
d2(E)	540	#4	3'-0"	
d3(E)	540	#4	3'-8"	
d4(E)	12	#5	2'-7"	
e(E)	36	#4	16'-10"	
e1(E)	24	#4	9'-3"	
e2(E)	36	#4	18'-4"	
e3(E)	24	#4	8'-10"	
e4(E)	24	#4	18'-10"	
e5(E)	24	#4	7'-5"	
e6(E)	36	#4	15'-8"	
e7(E)	4	#8	51'-4"	
e8(E)	8	#8	9'-3"	
e9(E)	4	#8	55'-8"	
e10(E)	8	#8	8'-10"	
e11(E)	4	#8	38'-0"	
e12(E)	8	#8	7'-5"	
e13(E)	4	#8	47'-8"	
e14(E)	4	#5	51'-4"	
e15(E)	8	#5	9'-3"	
e16(E)	4	#5	55'-8"	
e17(E)	8	#5	8'-10"	
e18(E)	4	#5	38'-0"	
e19(E)	8	#5	7'-5"	
e20(E)	4	#5	47'-8"	



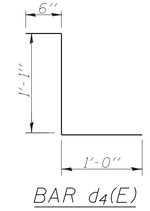
BAR d1(E)



BARS d(E) & d2(E)



BAR d3(E)



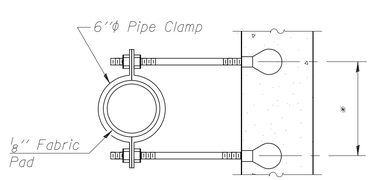
BAR d4(E)

NOTES:

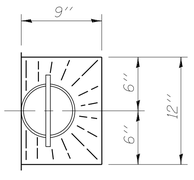
Reinforcement bars designated (E) shall be epoxy coated.

Work this sheet with sheets 7 and 9 of 24.

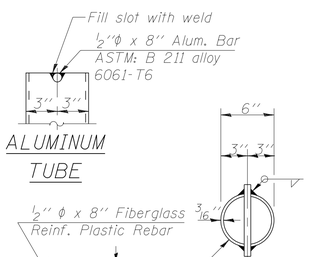
Concrete in diaphragm is included with Concrete Superstructure.



SECTION A-A



TOP PLAN



ALUMINUM TUBE

FIBERGLASS PIPE

TOP PLAN (Showing Aluminum Tube)

NOTES:

Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matches the concrete.

The clamping device and inserts shall be galvanized according to AASHTO M 232.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS

IL ROUTE 133 OVER THE LITTLE EMBARRAS RIVER
F.A.P. ROUTE 749 SECTION (122BR)BR
COLES COUNTY
STATION 933+50.00
STRUCTURE NO. 015-0074

DATE: MARCH 2006

DRAWN BY: MLO
CHECKED BY: PBB