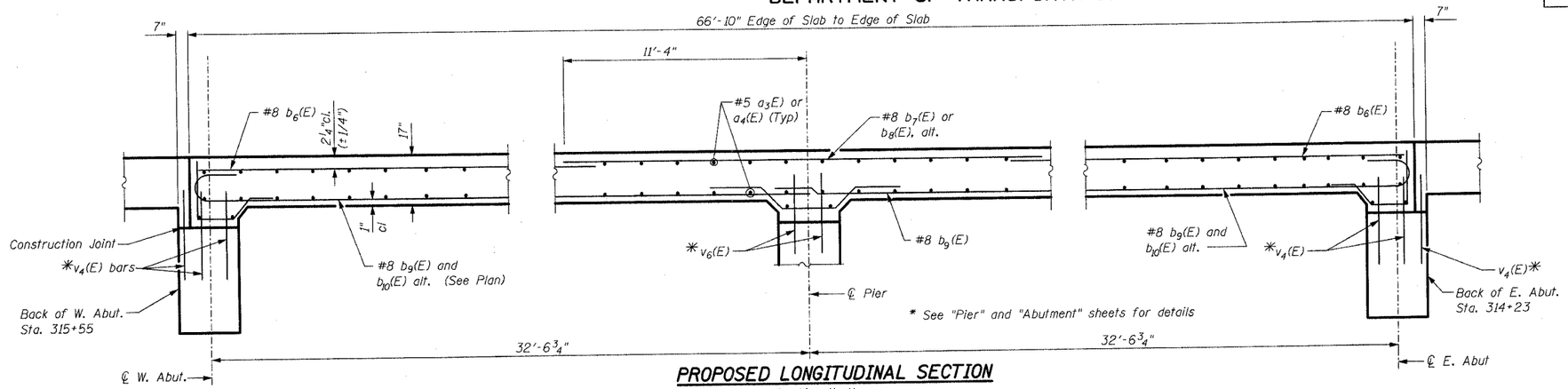
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 17	(123WPH) BR-2	OGLE	61	44
FEDERAL ROAD DISTRICT NUMBER 7		ILLINOIS	FEDERAL AID PROJECT -	

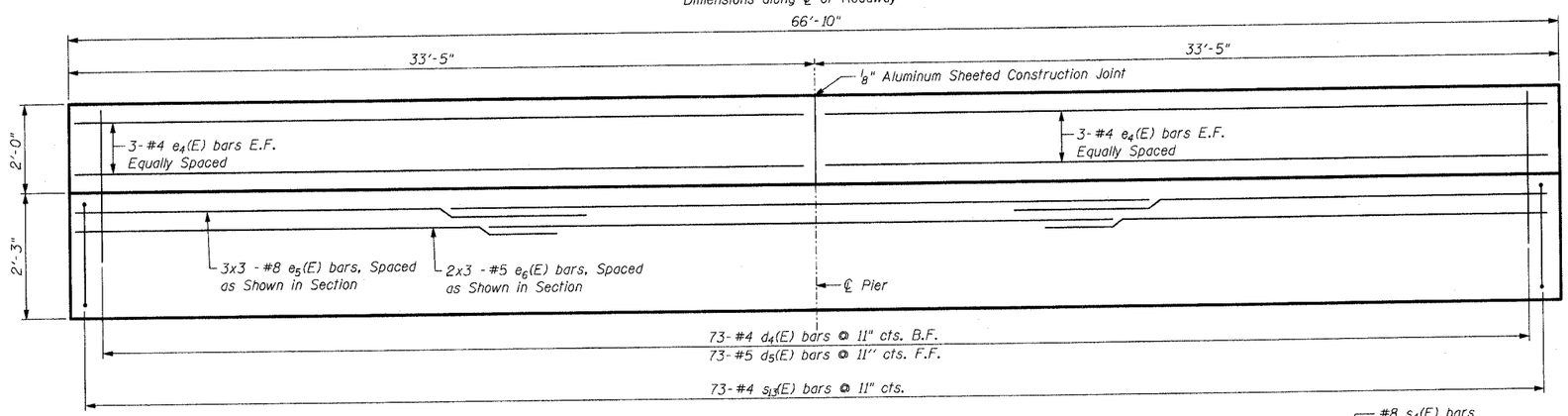
SHEET NO. 5
10 SHEETS

CONTRACT #64417



PROPOSED LONGITUDINAL SECTION

Looking North
Dimensions along ℄ of Roadway



MIN. LAP

#5 3'-0"
#8 6'-4"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_3(E)	114	#5	21'-10"	
a_4(E)	114	#5	16'-8"	
a_5(E)	6	#4	25'-3"	
a_6(E)	6	#4	19'-4"	
b_6(E)	82	#8	28'-4"	
b_7(E)	41	#8	13'-2"	
b_8(E)	41	#8	22'-8"	
b_9(E)	82	#8	36'-6"	
b_{10}(E)	78	#8	26'-11"	
b_{11}(E)	41	#8	12'-8"	
d_4(E)	146	#4	3'-4"	
d_5(E)	146	#5	3'-11"	
e_4(E)	24	#4	33'-1"	
e_5(E)	18	#8	26'-5"	
e_6(E)	12	#5	24'-3"	
s_4(E)	156	#8	8'-5"	
s_{13}(E)	146	#4	6'-5"	
Concrete Superstructure			Cu. Yd.	158
Reinforcement Bars, Epoxy Coated			Pound	37030

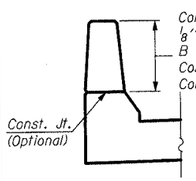
Notes:

Use bar splicers (E) for all bars crossing stage construction line. Typical of a_3(E) and a_4(E) bars. See Bar Splicer Assembly Details for details.
(57 required Top of Slab)
(63 required Bottom of Slab)

Reinforcement Bars designated (E) shall be epoxy coated.

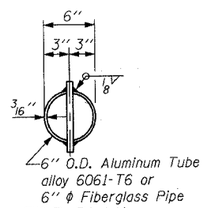
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

✳Included in Bill of Material on "East and West Abutment Details" or "Pier" Sheet.



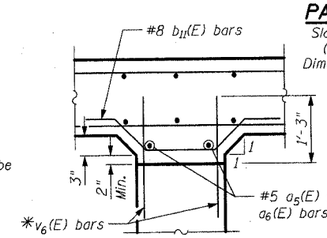
PARAPET JOINT DETAILS

Notes:
The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matched the color of the concrete.
Fiberglass pipe shall conform to ASTM D 2996. with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.



TOP PLAN

(Showing Aluminum Tube)

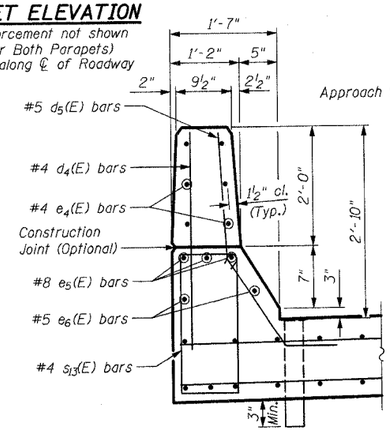


SECTION A-A, PIER

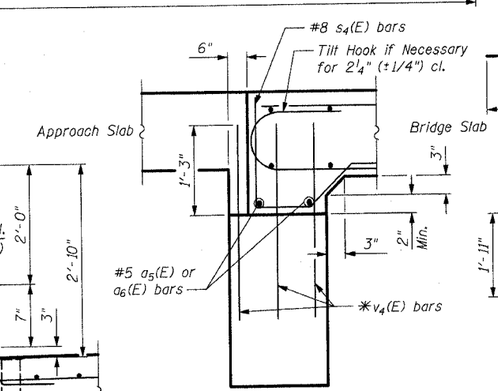
Dimensions @ Right Angles to ℄ of Abutment

PARAPET ELEVATION

Slab reinforcement not shown
(Same for Both Parapets)
Dimensions along ℄ of Roadway

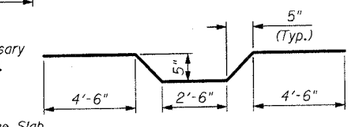


SECTION THRU PARAPET

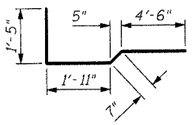


SECTION B-B, ABUTMENTS

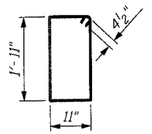
Dimensions @ Right Angles to ℄ of Abutment



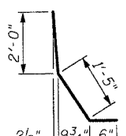
BAR b_{11}(E)



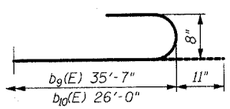
BAR s_4(E)



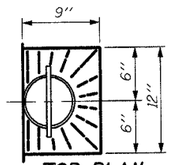
BAR s_{13}(E)



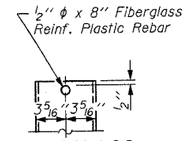
BARS d_5(E)



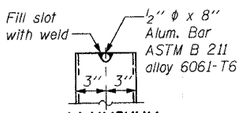
BARS b_9(E) and b_{10}(E)



TOP PLAN



FIBERGLASS PIPE



ALUMINUM TUBE

DESIGNED	KJW
CHECKED	AJS
DRAWN	KJW
CHECKED	AJS

STRAND ASSOCIATES, INC. ENGINEERS

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUPERSTRUCTURE DETAILS
IL 64 OVER KILBUCK CREEK
F.A.P. RTE.17 SECTION (123WPH) BR-2
OGLE COUNTY
STA. 313+89
S.N. 071-0092

SCALE:
DATE: 06/23/2004