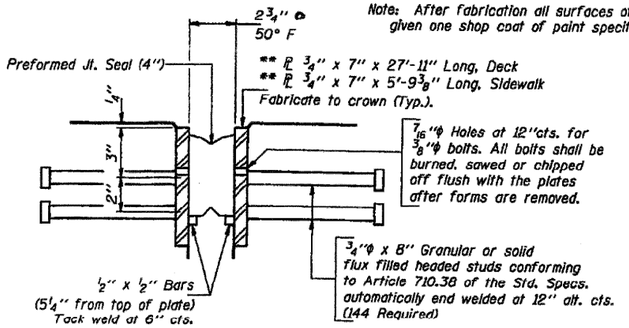
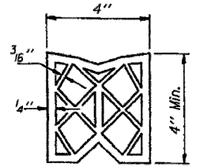
Note: After fabrication all surfaces of the steel plates shall be given one shop coat of paint specified for Structural Steel.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

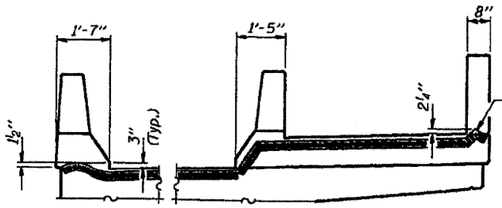


DETAIL "B"

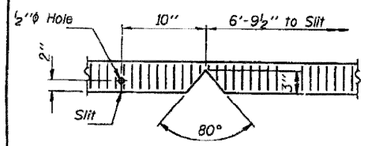
** Furnish in segments of 20 ft. maximum length. Maximum space between installed segments shall be 3/16". Seal space with Silicone Sealant suitable for Structural Steel. Cut retainer bars in sidewalk 6" short of sidewalk face.



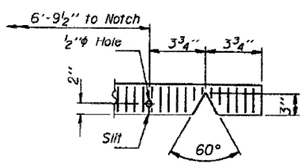
PREFORMED JOINT SEAL (4")



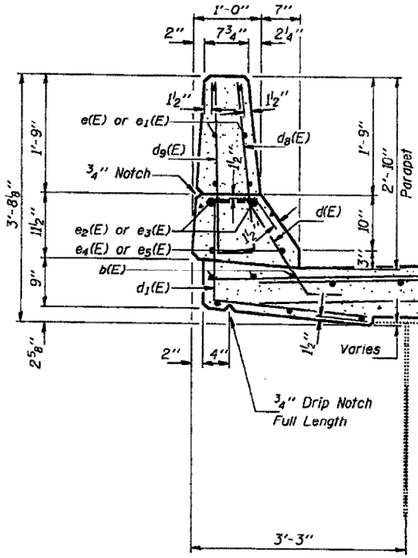
END TREATMENT



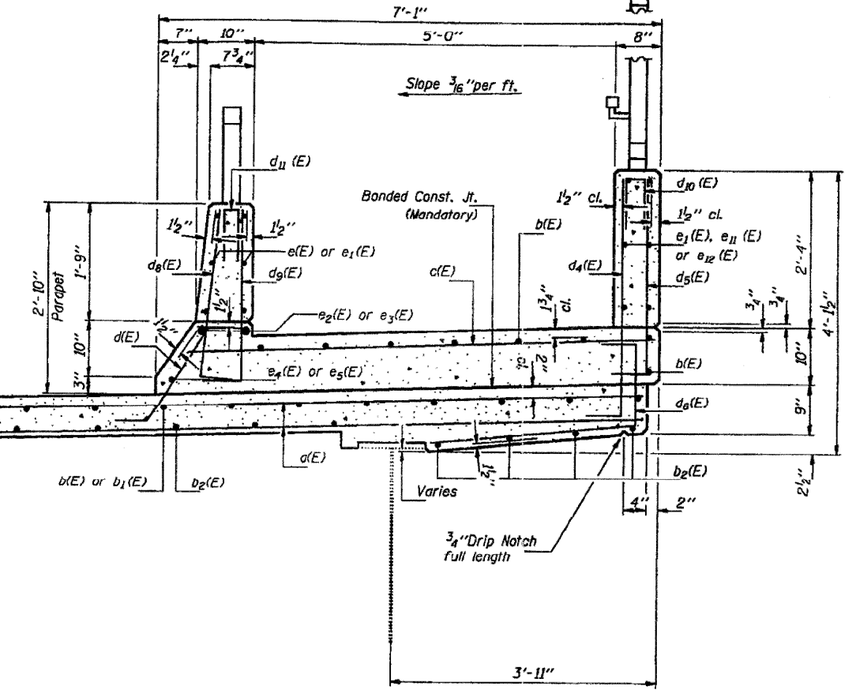
SEAL CUT-OUT



SEAL CUT-OUT



SECTION THRU EAST PARAPET

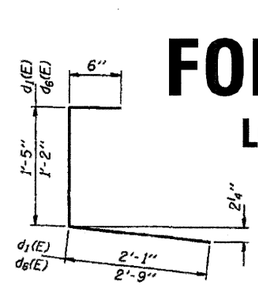


SECTION THRU WEST SIDEWALK

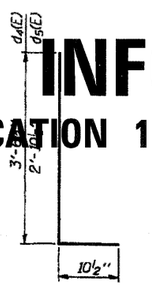
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	502	#5	31'-6"	
a_1(E)	147	#6	4'-0"	
a_2(E)	4	#5	37'-4"	
a_{10} (E)	8	#5	2'-0"	
b(E)	258	#5	30'-1"	
b_1(E)	33	#6	35'-0"	
b_2(E)	189	#5	26'-0"	
c(E)	173	#5	6'-7"	
d(E)	376	#5	2'-7"	
d_1(E)	173	#5	4'-0"	
d_4(E)	173	#5	4'-5"	
d_5(E)	173	#4	3'-9"	
d_8(E)	173	#4	4'-5"	
d_8(E)	376	#5	3'-0"	
d_9(E)	346	#4	3'-0"	
d_{10}(E)	38	#4	1'-10 1/2"	
d_{11}(E)	38	#4	1'-10"	
e(E)	96	#4	17'-9"	
e_1(E)	36	#4	13'-9"	
e_2(E)	16	#8	38'-6"	
e_3(E)	8	#8	13'-9"	
e_4(E)	18	#5	25'-9"	
e_5(E)	6	#5	13'-9"	
e_{11} (E)	24	#4	16'-10"	
e_{12} (E)	24	#4	18'-9"	
Reinforcement Bars (Epoxy Coated)		Lbs.	43,765	
Class X Concrete Superstructure		Cu. Yds.	217.0	

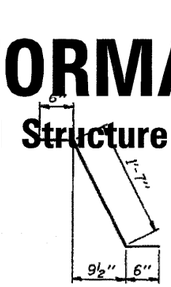
Reinforcement bars designated (E) shall be epoxy coated.



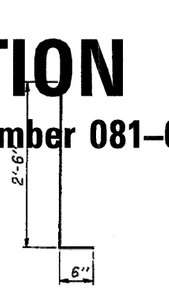
BARS d_1(E) & d_6(E)



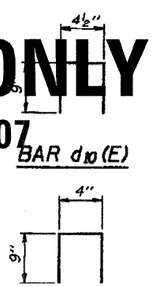
BARS d_4(E) & d_5(E)



BAR d(E)



BARS d_8(E) & d_9(E)



BAR d_{11} (E)

BAR d_{10}(E)

FOR INFORMATION ONLY

LOCATION 1 Structure Number 081-0107

DESIGNED	Chun Elliott
CHECKED	Jane D. Wilson
DRAWN	John F. Schneller Jr.
CHECKED	CWE CHA

Nov 20 1990

EXAMINED Greg O. Kaspar, ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson, ENGINEER OF BRIDGES AND STRUCTURES

APPROVED DIRECTOR OF HIGHWAYS

SUPERSTRUCTURE DETAILS
F.A.I. RT. 74 SEC. 81-1HB-4
ROCK ISLAND COUNTY
STA. 359+28.44

* FAI ROUTES 74 & 88

** D2 BRIDGE PAINTING 2008-1

FILE NAME = P:\PAINTING\64D89\paint2008-1.dgn	USER NAME = linkdj	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Jan 29 14:36:00 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	ROCK ISLAND	40	9
		CONTRACT NO. 64D89		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		