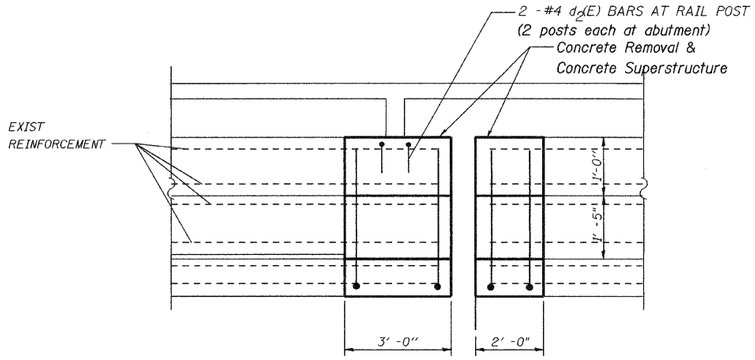
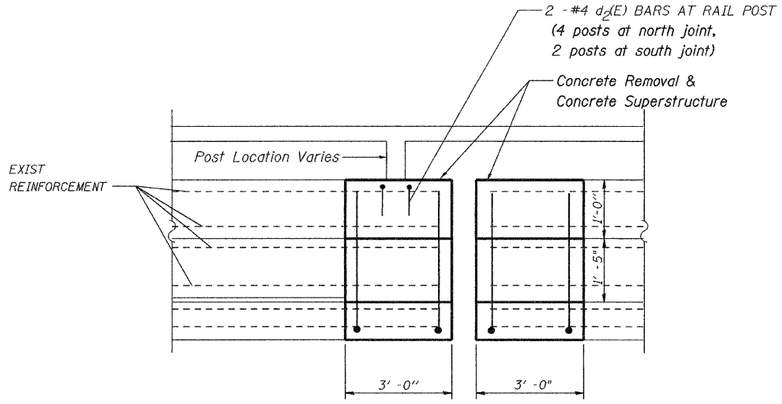


INSIDE VIEW OF PARAPET AT ABUTMENTS

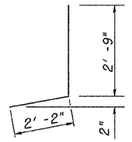


INSIDE VIEW OF PARAPET AT LINK CONNECTOR JOINTS

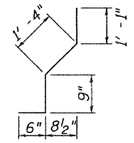
Notes:

Remove and reuse railing, including posts and anchors, where concrete removal affects existing rail posts. Cost included with Concrete Superstructure. If anchors are damaged during construction, they shall be replaced and are included with Concrete Removal.

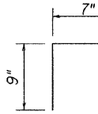
NOTE: ALL COST FOR REMOVAL OF EXISTING ALUMINUM RAILING AND RAIL ELEMENTS, IF REQUIRED, AND RE-INSTALLATION SHALL BE CONSIDERED INCLUDED IN CONCRETE REMOVAL



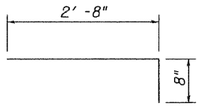
#4 d (E) BAR



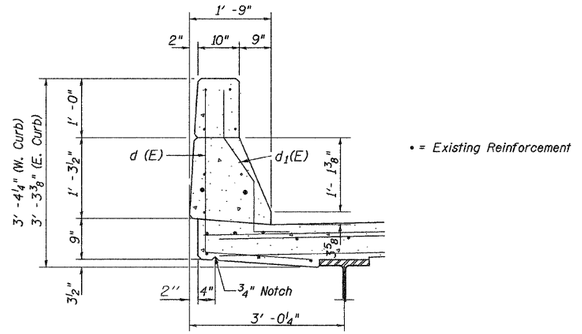
#5 d_1(E) BAR



#4 d_2(E) BAR



#4 x (E) BAR



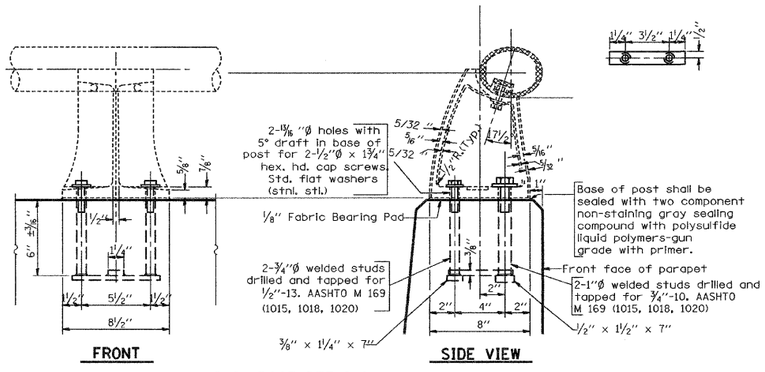
TYPICAL SECTION THRU PARAPET

Bill of Material

(Southbound structure)

BAR	NO.	SIZE	LENGTH	SHAPE
a (E)	56	5	20' -2"	———
a_1(E)	64	5	21' -8"	———
a_2(E)	8	5	18' -2"	———
d (E)	50	4	4' -11"	⌋
d_1(E)	50	5	3' -8"	⌋
d_2(E)	20	4	2' -1"	⊓
h (E)	6	6	20' -2"	———
h_1(E)	6	6	21' -8"	———
h_2(E)	6	6	18' -2"	———
x (E)	238	5	3' -4"	⌐

CONCRETE SUPERSTRUCTURE	CU YD	37.5
CONCRETE REMOVAL	CU YD	37.5
REINFORCEMENT BARS, EPOXY COATED	POUND	4530
PREFORMED JOINT STRIP SEAL	FOOT	170
BAR SPLICERS	EACH	70
REM REIN T B TERM T6	EACH	3



RAIL POST DETAILS

PROVIDE NEW ANCHORAGES WHEN REMOVING AND RE-ERECTING RAIL POSTS

DECK DETAILS
I-74 OVER 19th STREET
FAI 74 (I-74)
SECTION 81-(1-2,1,2-2)RS-1 & M
ROCK ISLAND COUNTY
STRUCTURE NUMBER 081-0099 (SB)

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - ·	REVISED - ·
		DRAWN - ·	REVISED - ·
	PLOT SCALE = $SCALE$	CHECKED - ·	REVISED - ·
	PLOT DATE = $DATE$	DATE - ·	REVISED - ·

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT DETAILS

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	81-(1-2,1,2-2)RS-1 & M	ROCK ISLAND	246	138
		CONTRACT NO. 64A97		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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