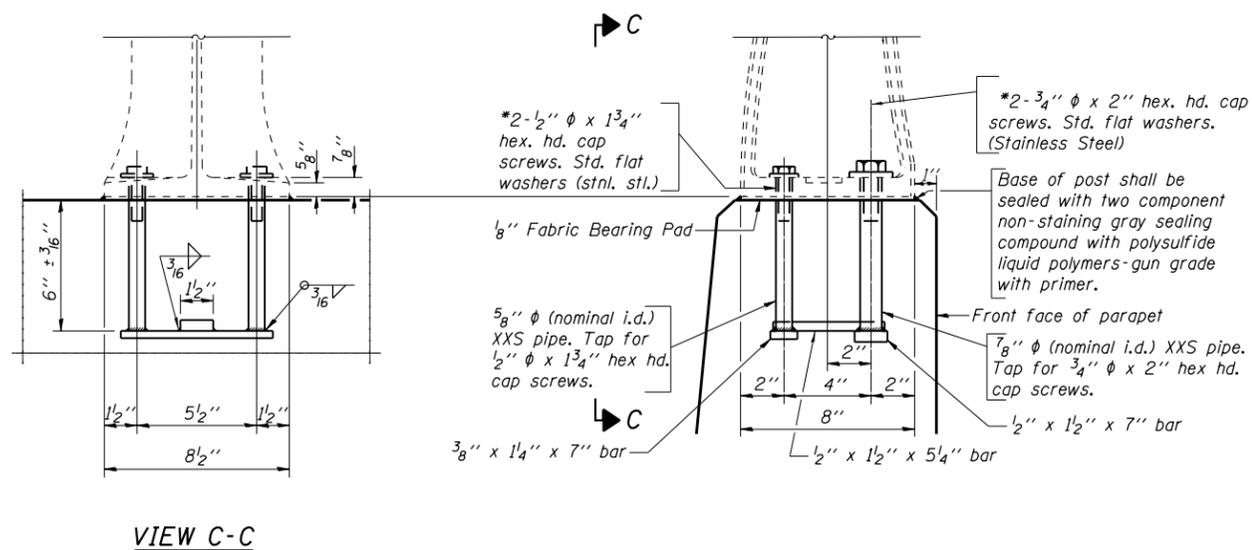


DRAIN EXTENSION DETAIL
94 Locations on SN 097-0038
94 Locations on SN 097-0039



RAIL POST DETAILS
4 Locations on SN 097-0038
4 Locations on SN 097-0039

Notes:

Plug every other existing deck drain and all that are within $\pm 10'$ of the existing substructure. Locations shall be subject to approval by the Engineer.

Post shall be normal to parapet.

*In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

Removal and re-erection of the existing aluminum handrail, rail post, and all new applicable hardware, including labor and installation shall be included in the cost of Concrete Removal.

Removal of the existing drain extensions will be included in the cost of Floor Drain Extensions. (No Salvage)

**Verify that this dimension will work in the field before ordering the material or use 4 $\frac{5}{8}$ " if available.

*** Verify that there is enough existing drain extending out of the concrete to weld extension. Otherwise use a flange extension drilled into the concrete, subject to approval by the Engineer.

BILL OF MATERIAL

Item	Unit	Total
Floor Drain Extension	Each	188
Plug Existing Deck Drains	Each	184
Structural Repair of Concrete (Depth < Inches)	Sq. Ft.	66

DRAINS, RAILING & CONCRETE REPAIR DETAILS
WHITE COUNTY
STRUCTURE NO. 097-0038 (E.B.)
STRUCTURE NO. 097-0039 (W.B.)

*(97-2-1)RS-1; BSMART 2012-1,2,3

FILE NAME =	USER NAME = halsteadtw	DESIGNED - TWH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINS, RAILING, ETC. DETAILS SN 097-0038 (EB) & 097-0039 (WB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\midot\halsteadtw\d0344460\st-t-pln.dgn	DRAWN - TWH	REVISED -	64			.	WHITE	54	37	
PLOT SCALE = 3.0000' / in.	CHECKED - MAS	REVISED -	CONTRACT NO. 78282							
PLOT DATE = 10/7/2013	DATE - 10/15/09	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			