



2 - 1/2" ϕ x 1 3/4" hex. hd. cap screws
Std. flat washers. (stnl. stl.)

2 - 3/4" ϕ x 2" hex. hd. cap screws
Std. flat washers. (stnl. stl.)

Base of post shall be sealed with two component non-staining gray sealing compound with polysulfide liquid polymers-gun grade with primer.

1/8" Fabric Bearing Pad

2 - 3/4" ϕ welded studs drilled and tapped for 1/2"-13. AASHTO M 169 (1015, 1018, 1020)

Inside face of parapet

2 - 1" ϕ welded studs drilled and tapped for 3/4"-10. AASHTO M 169 (1015, 1018, 1020)

3/8" x 1/4" x 7"

1/2" x 1/2" x 7"

Note: New Rail Post anchorage devices will be required at each location where posts are connected to new construction. Cost shall be included with Concrete Superstructure.
(±16 locations. Engineer to verify in the field.)

FILE NAME =	USER NAME = swartzrw	DESIGNED - KLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAIL SUPPORT ANCHOR DETAILS SN. 058-0084 & 85			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwwork\swartzrw\d8289400\077	467-shr-brdetails-0580084&85.dgn	DRAWN - KLB	REVISED -					72		Macon	25	24
PLOT SCALE = 20.0000" / IN.	CHECKED - MEA	REVISED -	REVISED -					CONTRACT NO. 74487				
PLOT DATE = 2/7/2011	DATE - 11/29/2010	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE: NA	SHEET NO. 10 OF 11 SHEETS	STA.	TO STA.	*D7 Bridge Repairs 2011-2				