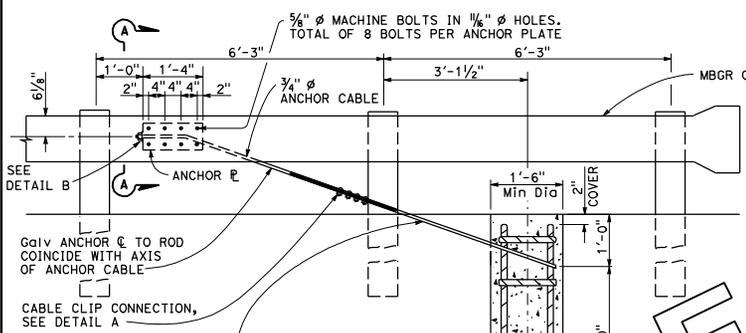
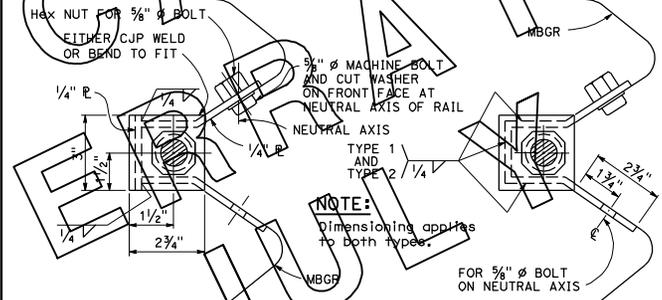


PLAN  
See Note 4

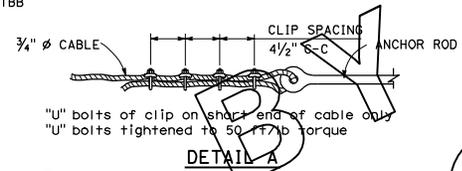


ELEVATION  
END ANCHOR ASSEMBLY  
(TYPE CA)

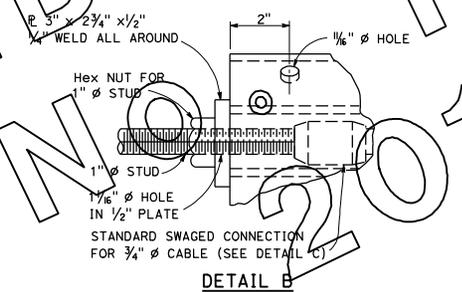
(Wood post, metal beam guard railing shown; details similar for Thrie Beam Barrier.)



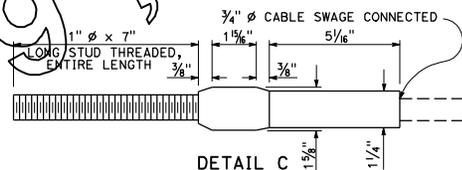
SECTION A-A (Alternative Type 1)  
SECTION A-A (Alternative Type 2)  
ANCHOR PLATE DETAILS



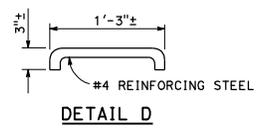
DETAIL A  
CABLE CLIP CONNECTION



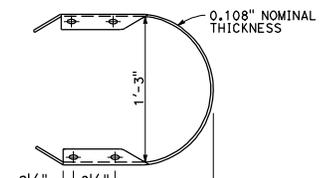
DETAIL B  
ANCHOR CABLE WITH SWAGED FITTING AND STUD



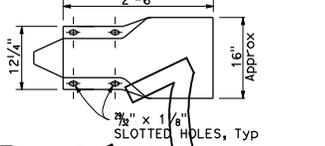
DETAIL C  
ANCHOR CABLE WITH SWAGED FITTING AND STUD



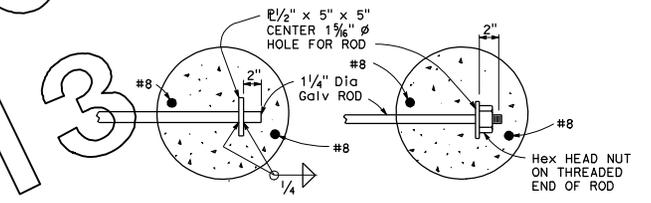
DETAIL D



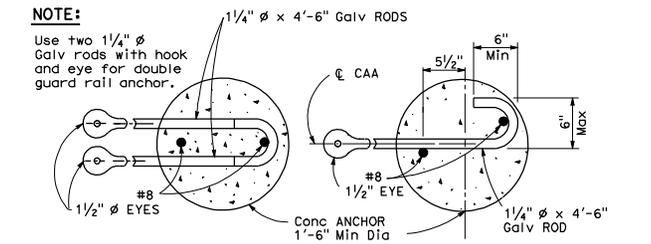
ELEVATION  
RETURN CAP (TYPE A)



ELEVATION  
RETURN CAP (TYPE A)



OPTIONAL ENDS ON SINGLE ANCHOR ROD  
(Not to be used for double anchors)



DOUBLE ANCHOR ANCHOR RODS  
SINGLE ANCHOR ANCHOR RODS

NOTE:  
Use two 1/4" Galv rods with hook and eye for double guard rail anchor.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

METAL RAILING END ANCHOR ASSEMBLY (TYPE CA)

NO SCALE

A771I

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Randell D. Hiatt  
REGISTERED CIVIL ENGINEER

May 20, 2011  
PLANS APPROVAL DATE

Professional Engineer  
No. C50200  
Exp. 6-30-11  
CIVIL  
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- For typical use of this type of end anchor, see Standard Plan A78E2.
- Anchor cable to be parallel to railing for straight runs of rail. Anchor cable may have angle point at anchor plate if railing is curved.
- Anchor rod hooks to be in contact with anchor reinforcement when concrete is placed. Wire ties may be used to position anchor rods.
- Single sided railing installations require only one anchor plate, anchor rod and anchor cable. Single sided railing will not have a rail element or blockouts on backside of line posts as shown in the plan view.