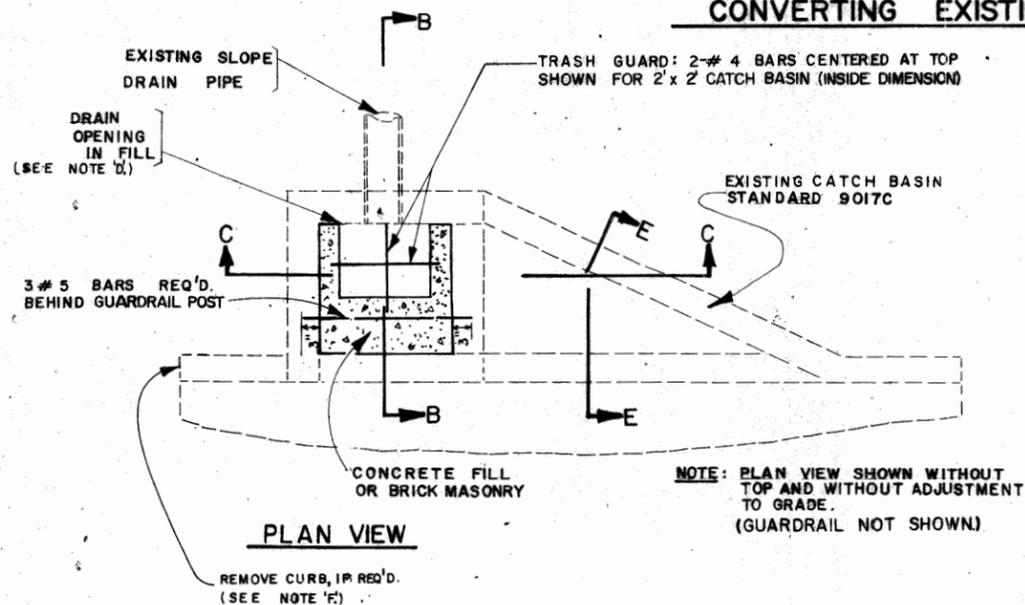


CONVERTING EXISTING 9017C CATCH BASIN TO SPILLWAY

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

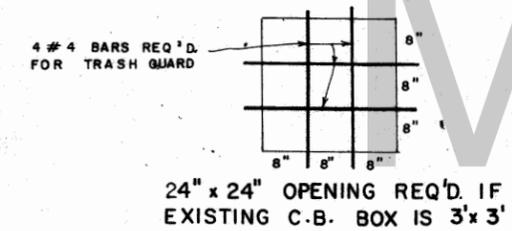


PLAN VIEW

NOTE: PLAN VIEW SHOWN WITHOUT TOP AND WITHOUT ADJUSTMENT TO GRADE. (GUARDRAIL NOT SHOWN)

TYPICAL CONSTRUCTION SEQUENCE:

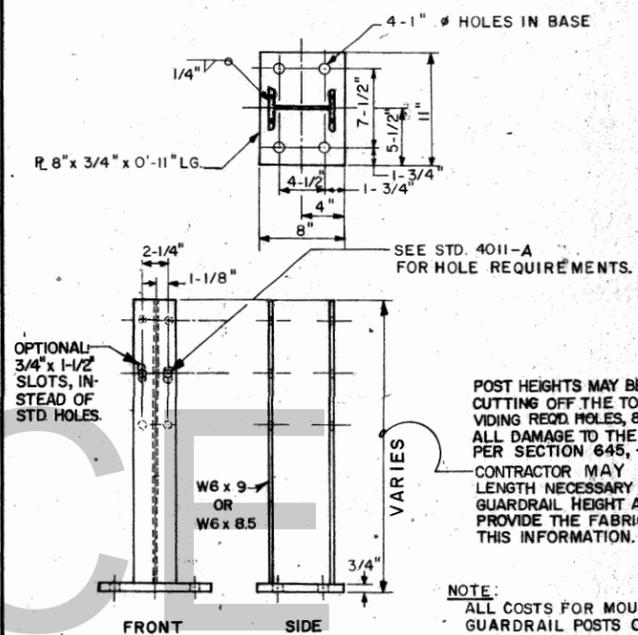
- REMOVE CATCH BASIN TOP
- ADJUST SIDES TO GRADE WITH BRICK MASONRY OR MORTAR.
- INSTALL ANY GUARDRAIL POST THAT MAY BE REQUIRED IN BOX PORTION OF CATCH BASIN.
- OPENING IN C.B. BOX IS SHOWN AS APPROXIMATELY 17" x 14" (TYP) BASED UPON 2' x 2' EXISTING INSIDE DIMENSIONS. WHERE EXISTING C.B. BOX IS LARGER, OPENING IS TO BE INCREASED UP TO 24" x 24" MAX. WITH 4 #4 TRASH GUARD BARS SPACED AT 8" (TYP)
- FILL WITH CONCRETE, CLASS "B", OR ACCORDING TO SEC. 4.41 (OR BRICK MASONRY) APPROXIMATELY 1/3 CU.YDS. REQ'D FOR FILL PER CATCH BASIN. THIS IS BASED ON A HEIGHT OF 3'-6" AND A 17" x 14" DRAIN OPENING.
- REMOVE CURB IF SHOWN IN THE PLANS OR IF DIRECTED BY THE ENGINEER.



NOTE: CONCRETE FILL SLOPED TO INLET AT APPROXIMATELY 2%/FT.

FOR DETAILS NOT SHOWN, SEE GA. STANDARD 9017C.

PLATE MOUNTED GUARDRAIL POST (ALTERNATE)

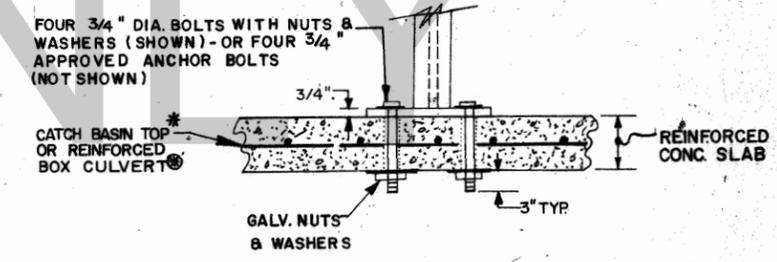


POST HEIGHTS MAY BE ACHIEVED BY CUTTING OFF THE TOP PORTION, PROVIDING REQ'D HOLES, & FIELD REPAIRING ALL DAMAGE TO THE GALVANIZING PER SECTION 645, -OR- CONTRACTOR MAY DETERMINE LENGTH NECESSARY FOR REQ'D GUARDRAIL HEIGHT AND SHALL PROVIDE THE FABRICATOR WITH THIS INFORMATION.

NOTE: ALL COSTS FOR MOUNTING GUARDRAIL POSTS ON STRUCTURE TOP SHALL BE INCLUDED IN PAYMENT FOR GUARDRAIL.

NOTE:

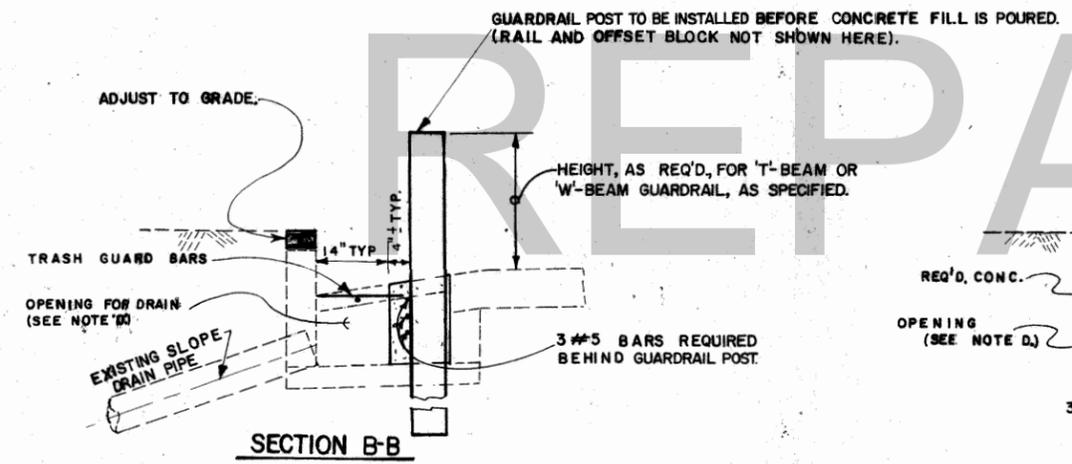
- POSTS AND POST PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-123, AFTER WELDING.
- POSTS INSTALLED ON SLOPING SURFACES ARE TO BE PLUMBED BY ADJUSTING NUTS OR MORTAR SEATING.



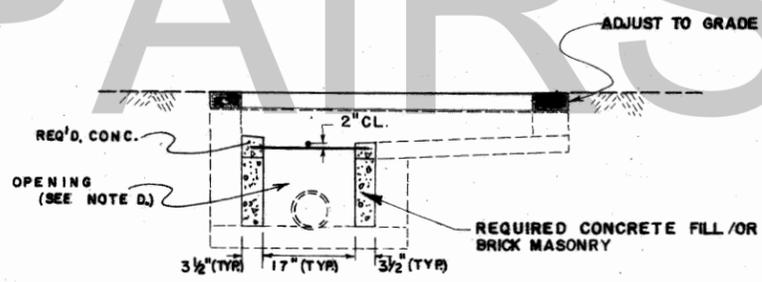
ATTACHMENT DETAIL

* INSTALLATION ON CATCH BASIN TOPS SHALL REQUIRE A DOUBLE NESTED RAIL SECTION TO BE INCLUDED IN PAYMENT FOR THE GUARDRAIL.

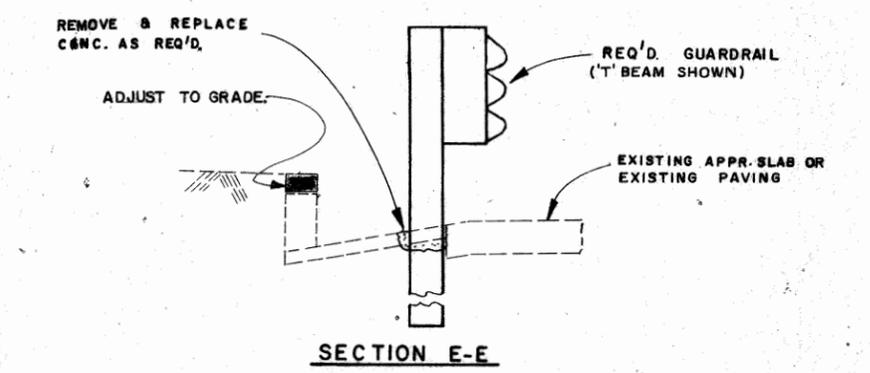
⊗ ALTERNATE: CONCRETE BLOCK, PER STANDARD 4011-A, MAY BE SUBSTITUTED ON BOX CULVERTS WHERE COVER PERMITS.



SECTION B-B



SECTION C-C



SECTION E-E

SPECIAL NOTE:
 NORMAL USE OF DETAILS ABOVE WILL BE AT EXISTING BRIDGE ENDS WHERE GUARDRAIL IMPROVEMENTS ARE REQUIRED AND EXISTING 9017C CATCH BASINS ARE ADJACENT TO THE APPROACH SLAB. LOCATION MUST BE SUCH THAT DRAIN OPENING SHOWN IN DETAILS WILL BE BACK OF THE GUARDRAIL.
 THESE DETAILS ARE NOT FOR USE WHERE SIDEWALK IS INTERCEPTED BY CATCH BASIN TOP.
 THESE DETAILS ARE NOT TO BE USED IF EXISTING CATCH BASIN HAS INLET PIPE.

REV.	BY	DATE
1	R.M.U.	3-24-85
2	R.M.U.	3-10-85
3	R.M.U.	7-3-80
4	R.M.U.	7-3-80

**CONSTRUCTION DETAILS
 DETAILS FOR CONVERTING EXISTING
 9017C CATCH BASIN TO SPILLWAY
 DETAILS FOR PLATE MOUNTED
 GUARDRAIL POST (ALTERNATE)**

DES: R.M.U.
 TRA: G.M.E.