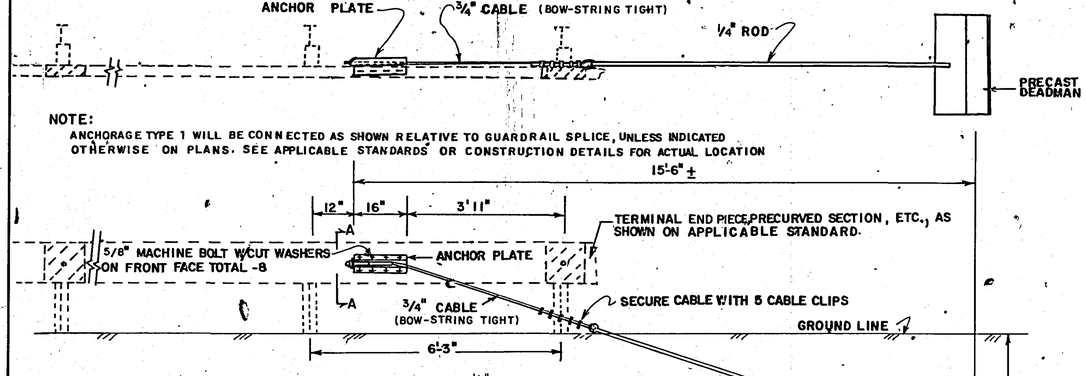
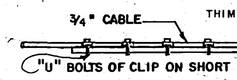
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	EDF-017-3(39)	194	194

GUARDRAIL ANCHORAGE TYPE 1

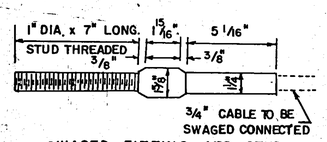


NOTE:
ANCHORAGE TYPE 1 WILL BE CONNECTED AS SHOWN RELATIVE TO GUARDRAIL SPLICE, UNLESS INDICATED OTHERWISE ON PLANS. SEE APPLICABLE STANDARDS OR CONSTRUCTION DETAILS FOR ACTUAL LOCATION

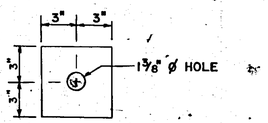


CABLE CLIP INSTALLATION

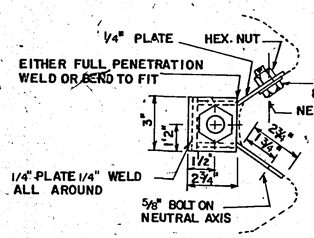
1 1/2" x 10'6" GALV. ROD WITH FULL PENETRATION WELDED OR DROP FORGED EYE AND MIN. OF 4" THREAD



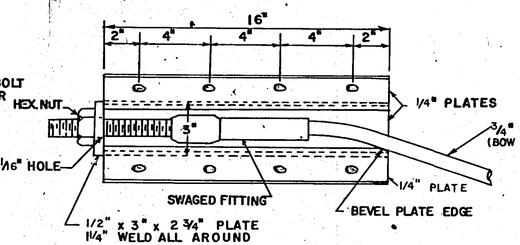
SWAGED FITTING AND STUD



GALV. PLATE 6"x1/2"x 6"
PLATE "B"



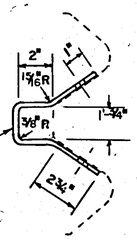
SECTION A-A

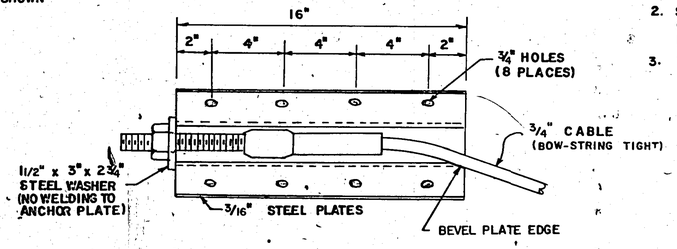


STANDARD ANCHOR PLATE

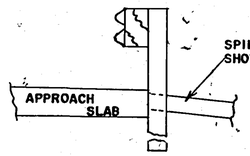
NOTE:
ANCHOR PLATES SHOWN HERE WITH GUARDRAIL (Type "W") ATTACHMENT TO GUARDRAIL (TYPE "T") WILL BE THE SAME EXCEPT THAT THE ANCHOR PLATE WILL BE LOCATED BETWEEN THE BOTTOM AND THE MIDDLE CORRUGATIONS.

NOTE:
THE 3/16" ONE PIECE STEEL PLATE SHOWN HERE MAY BE USED AS AN ALTERNATE TO THE STANDARD 1/4" WELDED PLATE SHOWN ABOVE.

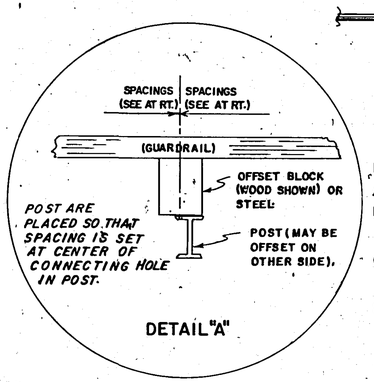




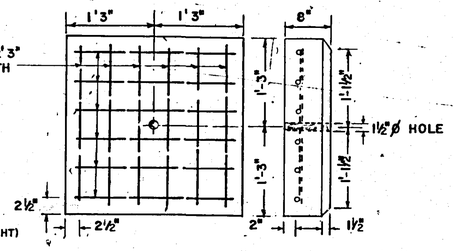
ALTERNATE ANCHOR PLATE



SECTION B-B
(TYPICAL AT BRIDGE END)



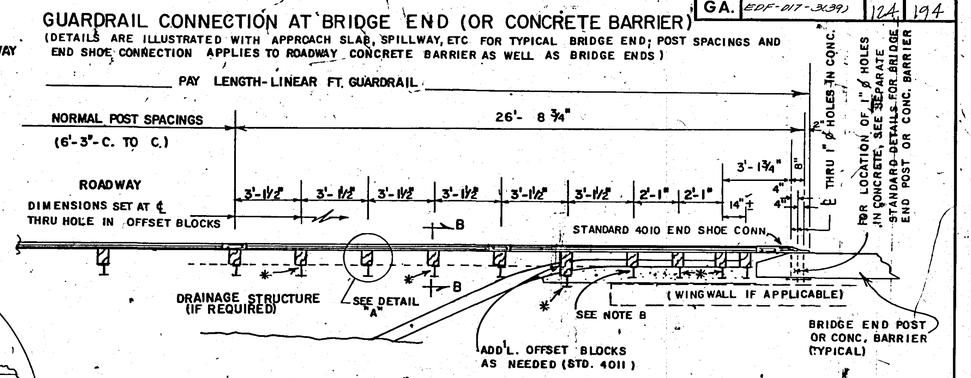
DETAIL "A"



(CLASS "A" CONCRETE)
PREGAST DEADMAN

GUARDRAIL CONNECTION AT BRIDGE END (OR CONCRETE BARRIER)

(DETAILS ARE ILLUSTRATED WITH APPROACH SLAB, SPILLWAY, ETC FOR TYPICAL BRIDGE END; POST SPACINGS AND END SHOE CONNECTION APPLIES TO ROADWAY CONCRETE BARRIER AS WELL AS BRIDGE ENDS)



NOTES FOR GUARDRAIL CONNECTIONS:

A. POSTS & OFFSET BLOCKS ARE SHOWN AS TYPICAL. ALTERNATES PERMITTED PER APPLICABLE STANDARD.

B. GUARDRAIL POSTS OTHER THAN STEEL POSTS MAY NOT BE DRIVEN IN BETWEEN THE WINGWALL AND THE APPROACH SLAB. WHERE POSTS ARE WOOD, HOLES MUST EITHER BE PRE-DUG FOR INSTALLATION OR STEEL POSTS SUBSTITUTED FOR THE WOOD POSTS IN FRONT OF THE WINGWALL.

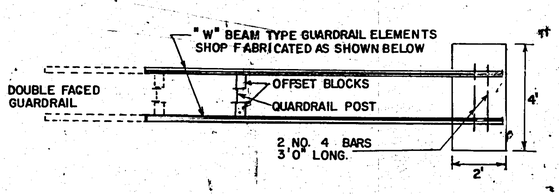
C. PAYMENT FOR GUARDRAIL INCLUDES ALL ADDITIONAL POST & OFFSET BLOCKS. WHERE GUARDRAIL POST ARE ERECTED THRU SPILLWAY OR CONCRETE CAP, PAYMENT FOR GUARDRAIL INCLUDES REPLACING BLOCKED OUT CONCRETE AND/OR REMOVING AND REPLACING PORTIONS OF SPILLWAY OR CAP IF NECESSARY FOR REQUIRED POST INSTALLATIONS.

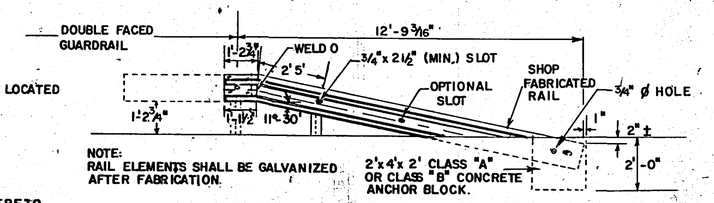
D. SEE SEPARATE STANDARDS FOR DETAILS OF BRIDGE, APPROACH SLAB, SPILLWAY, CONCRETE BARRIER, ETC.

* IF GUARDRAIL IS WARRANTED AT THE TRAILING END OF ONE-WAY TRAFFIC, POST FLAGGED WITH AN ASTERISK ARE OMITTED.

NORMAL USE OF ABOVE DETAIL IS AT NEW BRIDGE ENDS WITH CONCRETE SIDE BARRIER ON THE BRIDGE — OR AT THE END OF CONCRETE SIDE BARRIER ALONG THE ROADWAY. SEE STANDARD 4013 FOR OTHER BRIDGE END CONDITIONS. SEE STANDARD DETAILS FOR BARRIER FACE TRANSITION. SEE STANDARD 4940 FOR GUARDRAIL CONNECTION TO CONCRETE MEDIAN BARRIER.

GUARDRAIL ANCHORAGE TYPE 2





NOTE:
TYPE 2 ANCHORAGES SHALL NOT BE LOCATED WITHIN THE CLEAR ZONE WIDTH

NOTE:
RAIL ELEMENTS SHALL BE GALVANIZED AFTER FABRICATION.

GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION & SUPPLEMENTS THERETO.
2. SEE SEPARATE STANDARDS FOR DETAILS OF GUARDRAIL HARDWARE, POSTS, OFFSET BLOCKS, BRIDGE END POSTS, OR OTHER ITEMS NOT SHOWN HERE.
3. WHERE ROADWAY IS UNDER TRAFFIC, ANCHORAGES AND END PIECES ARE TO BE INSTALLED AT THE SAME TIME THAT THE RUN OF GUARDRAIL IS INSTALLED AT ANY SITE.

REV. GR. CONN. AT BR.	6-26-85	
R.M.U.		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
GUARDRAIL ANCHORAGES TYPES 1 & 2
GUARDRAIL CONNECTION AT BRIDGE END (OR CONCRETE BARRIER END)

NO SCALE — REV. & REDR. MARCH 1984.

REV. & REDR. R.M.U. TRA. G.M.E. CHK. R.K.C.

(SUBMITTED) Hal E. Hand — STATE ROAD & AIRPORT DESIGN ENGR.
(APPROVED) — STATE HIGHWAY ENGINEER

NUMBER 4012B

FORM EF00003