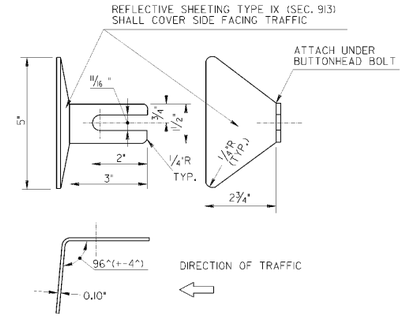
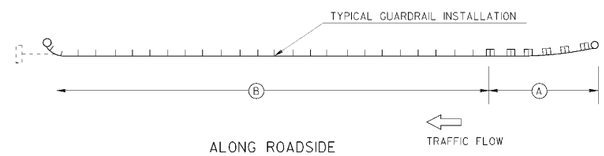
REFLECTORIZED WASHER DETAILS

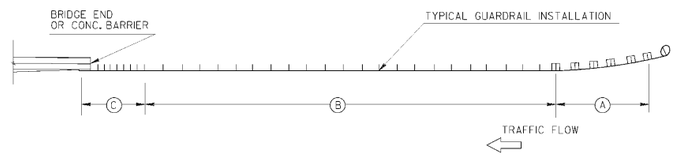


MATERIALS: ALUMINUM (ASTM B 209 ALLOY 5052 H-32 OR 12 GA. STEEL (ASTM A 526 GALV. M-111) WITH REFLECTIVE SHEETING, AS APROVED BY THE DEPT. OF TRANSPORTATION LABORATORY.

COLORS: YELLOW IN MEDIANS AND WHITE ON OUTSIDE SHOULDERS

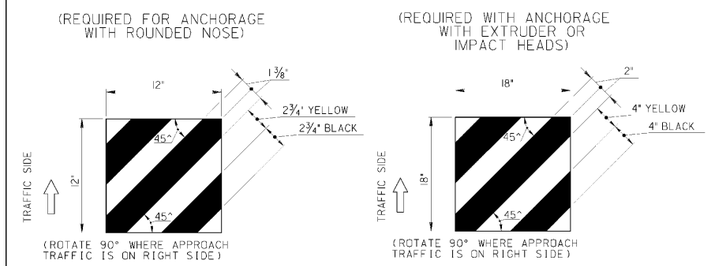


ALONG ROADSIDE

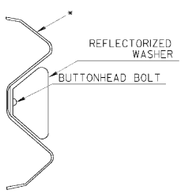


APPROACH END-BRIDGE OR CONCRETE BARRIER

NOSE STRIPING DETAILS



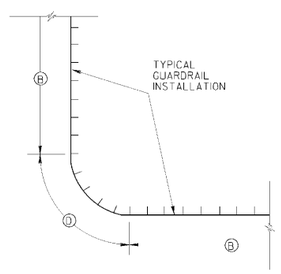
BLACK GLOSS DURABLE INK PRINTED ON TYPE IX REFLECTIVE SHEETING (SEE CURRENT SEC. 913 AND 917)



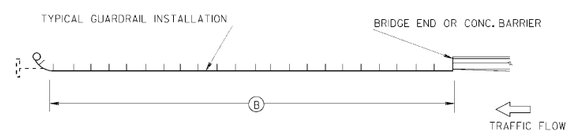
WASHER LOCATION DETAIL

NOTE:
FOR 'T'-BEAM GUARDRAIL, WASHER IS PLACED IN THE TOP INDENTION.

* WHERE BOLT DOES NOT EXTEND THRU RAIL REFLECTORIZED WASHER IS ATTACHED UNDER THE SPLICE BOLT ON THE TOP CORRUGATION, IF REQUIRED.



AT TURNOUTS



TRAILING END-BRIDGE OR CONCRETE BARRIER

SPACING OF REFLECTORIZED WASHERS

(A) AT ANCHORAGES:
- TWO (2) REFLECTORIZES WASHERS ARE REQUIRED ON THE RAIL UNDER SPLICE BOLTS AS DIRECTED BY THE ENGINEER FOR ELLIPTICALLY FLARED ANCHORAGES WITH ROUNDED END PIECES;
- NO REFLECTORIZED WASHERS WILL BE USED FOR TANGENTIALLY ALIGNED OR STRAIGHT TAPERED ANCHORAGE WITH EXTRUDER OR IMPACT HEADS

(B) - AT 75 FT. SPACINGS FOR INTERMEDIATE SECTIONS;

(C) - THREE WASHERS AT 6'-3" SPACING AT CONNECTIONS TO CONCRETE FACE ON THE APPROACH END;

(D) - AT 12'-6" SPACINGS AROUND RADII TURNS.

GENERAL NOTES:

1-SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO.

2-SEE SEPARATE STANDARDS FOR DETAILS OF GUARDRAIL INSTALLATIONS, CONNECTING HARDWARE, AND ANCHORAGES.

3-PAYMENT FOR GUARDRAIL AND ANCHORAGES INCLUDES ALL REFLECTORIZED WASHERS AND NOSE STRIPING REQUIRED.

4-ADJUSTMENTS OF SPACINGS AND/OR REQUIREMENTS FOR REFLECTIVE WASHERS MAY BE DIRECTED BY THE ENGINEER TO SUIT INDIVIDUAL LOCATIONS.

5-WHERE DOUBLE FACED GUARDRAIL IS LOCATED ON THE INSIDE SHOULDER OF MEDIANS, REFLECTORIZED WASHERS SHALL BE REQUIRED ONLY ON THE SIDE WHICH IS NEAREST TO TRAFFIC, UNLESS SPECIFIED OTHERWISE.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

BY	REVISION	DATE
GLO	REV. REFLECTIVE SH. TYPE.	4-10-06
RWU	REFLEC. SH. SPEC.	2-1-01
RWU	ADD NOSE STRIPING	6-1-99

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD

REFLECTORIZED GUARDRAIL WASHERS AND ANCHORAGE NOSE STRIPING

NO SCALE — REV. & REDR. APRIL, 1999

DES. ____ DRWN. ____ CHK. ____

(SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGINEER

(APPROVED) CHIEF ENGINEER

NUMBER 4360

THE LPA GROUP
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
GEORGIA STANDARDS

DRAWING No. 41-15