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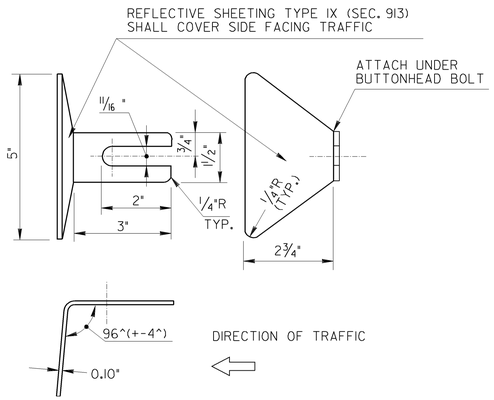
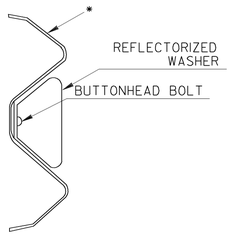
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		286	355

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.

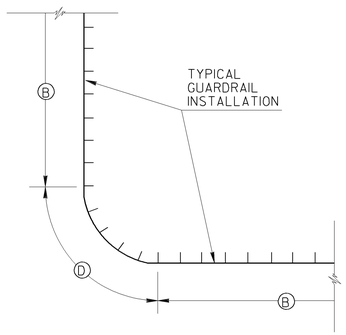
COLORS: YELLOW IN MEDIANS AND WHITE ON OUTSIDE SHOULDERS



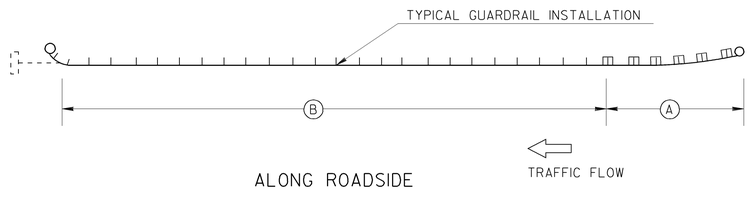
WASHER LOCATION DETAIL

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

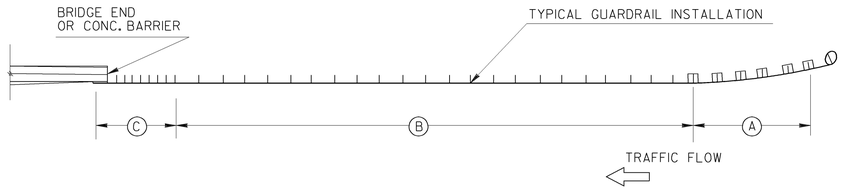
* WHERE BOLT DOES NOT EXTEND THRU RAIL REFLECTORIZED WASHER IS ATTACHED UNDER THE SPLICE BOLT ON THE TOP CORRUGATION, IF REQUIRED.



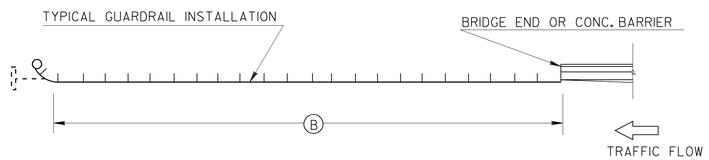
AT TURNOUTS



ALONG ROADSIDE



APPROACH END-BRIDGE OR CONCRETE BARRIER



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

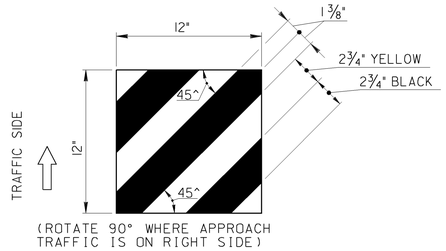
(B) -AT 75 FT. SPACINGS FOR INTERMEDIATE SECTIONS;

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

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

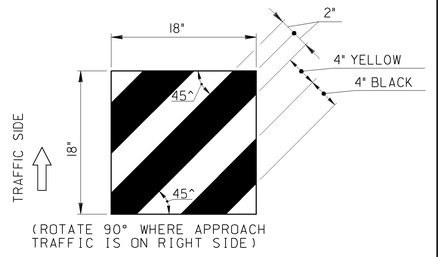
NOSE STRIPING DETAILS

(REQUIRED FOR ANCHORAGE WITH ROUNDED NOSE)



(ROTATE 90° WHERE APPROACH TRAFFIC IS ON RIGHT SIDE)

(REQUIRED WITH ANCHORAGE WITH EXTRUDER OR IMPACT HEADS)



(ROTATE 90° WHERE APPROACH TRAFFIC IS ON RIGHT SIDE)

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

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.

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

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

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