



- GENERAL NOTES:**
- SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION & SUPPLEMENTS THERETO. ALL CONCRETE SHALL BE CLASS "A", SURFACE FINISHES REQUIRED ONLY WHERE SPECIFIED; SEE SECTION 500.
 - GRADE AND ALIGNMENT OF BARRIER TOP SURFACE SHALL NOT VARY FROM THE ESTABLISHED LINE AND GRADE MORE THAN 1/8" IN. IN 10'-0" WHEN CHECKED WITH A STRAIGHT EDGE OF NOT LESS THAN 10'-0" IN LENGTH.
 - WHERE GUARDRAIL ATTACHMENT IS REQUIRED, PAYMENT FOR CONCRETE SIDE BARRIER, TYPE 7-T, INCLUDES THE TRANSITION, TAPER AND THE FIVE 1" DIA. HOLES, PROPERLY LOCATED, FOR CONNECTING THE SPECIAL END SHOE. PAYMENT FOR GUARDRAIL INCLUDES THE SPECIAL END SHOE, ALL CONNECTING HARDWARE, ADD'L. POSTS & DOUBLE (INSET) "I" BEAM.
 - IF GUARDRAIL IS WARRANTED ON THE TRAILING END OF SIDE BARRIER WITH ONE-WAY TRAFFIC, BARRIER FACE TRANSITION AND ADDITIONAL GUARDRAIL POSTS ARE NOT REQUIRED.
 - IF THE EDGE OF THE TRAVEL LANE TO THE FACE OF THE CONCRETE BARRIER IS MORE THAN APPROXIMATELY 15 FT., CONSIDERATION SHOULD BE GIVEN TO CONTINUING GUARDRAIL RATHER THAN USING CONCRETE SIDE BARRIER.
 - ALL CONCRETE SIDE BARRIERS OVER 20 FT. IN LENGTH SHALL HAVE CONTRACTION JOINTS AT 20 FT. MAXIMUM SPACINGS. IF SAWED, CONTRACTION JOINT CUT SHALL BE 1/4" WIDE AND 2" DEEP. ALL CONCRETE SIDE BARRIERS OVER 400 FT. IN LENGTH SHALL HAVE EXPANSION JOINTS AT 400 FT. MAXIMUM SPACINGS. A 1" PREFORMED, JOINT FILLER SHALL BE USED AT THE EXPANSION JOINTS. DISTANCE BETWEEN JOINTS SHOULD BE EQUAL (APPROXIMATELY).
 - LOCATE OVERHEAD SIGN SUPPORTS BACK OF SIDE BARRIER IF FEASIBLE; WHERE CONDITIONS NECESSITATE LOCATION ON BARRIER TOP, SUPPORT FOOTING FOR SIGN SHALL BE DESIGNED BY CONTRACTOR, APPROVED BY THE D.O.T. PRIOR TO CONSTRUCTION. SEE SEPARATE DETAILS FOR TYPE 26 SIDE BARRIER IF REQUIRED.

BARRIER TYPE LOCATIONS	
TYPE	LOCATION
7-C	AT BRIDGE COLUMNS
7-R	ALONG ROADSIDE - FREE-STANDING, MIN. 12" DEPTH BEHIND BARRIER FOR 4" MIN.
7-W	ALONG RETAINING WALL (TYPE AS SPECIFIED) BUT NOT ALONG SOUND BARRIER.
7-T	AT GUARDRAIL ATTACHMENT

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		STANDARD	
		CONCRETE SIDE BARRIER TYPES 7-C, 7-R, 7-T, 7-W	
		DEC., 1999	
DES. (SUBMITTED)	BY	STATE ROAD & AIRPORT DESIGN ENGR.	NUMBER 4948A
TRN. (APPROVED)	BY	CHIEF ENGINEER	
CHK.			

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NO.	DATE	REVISION

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