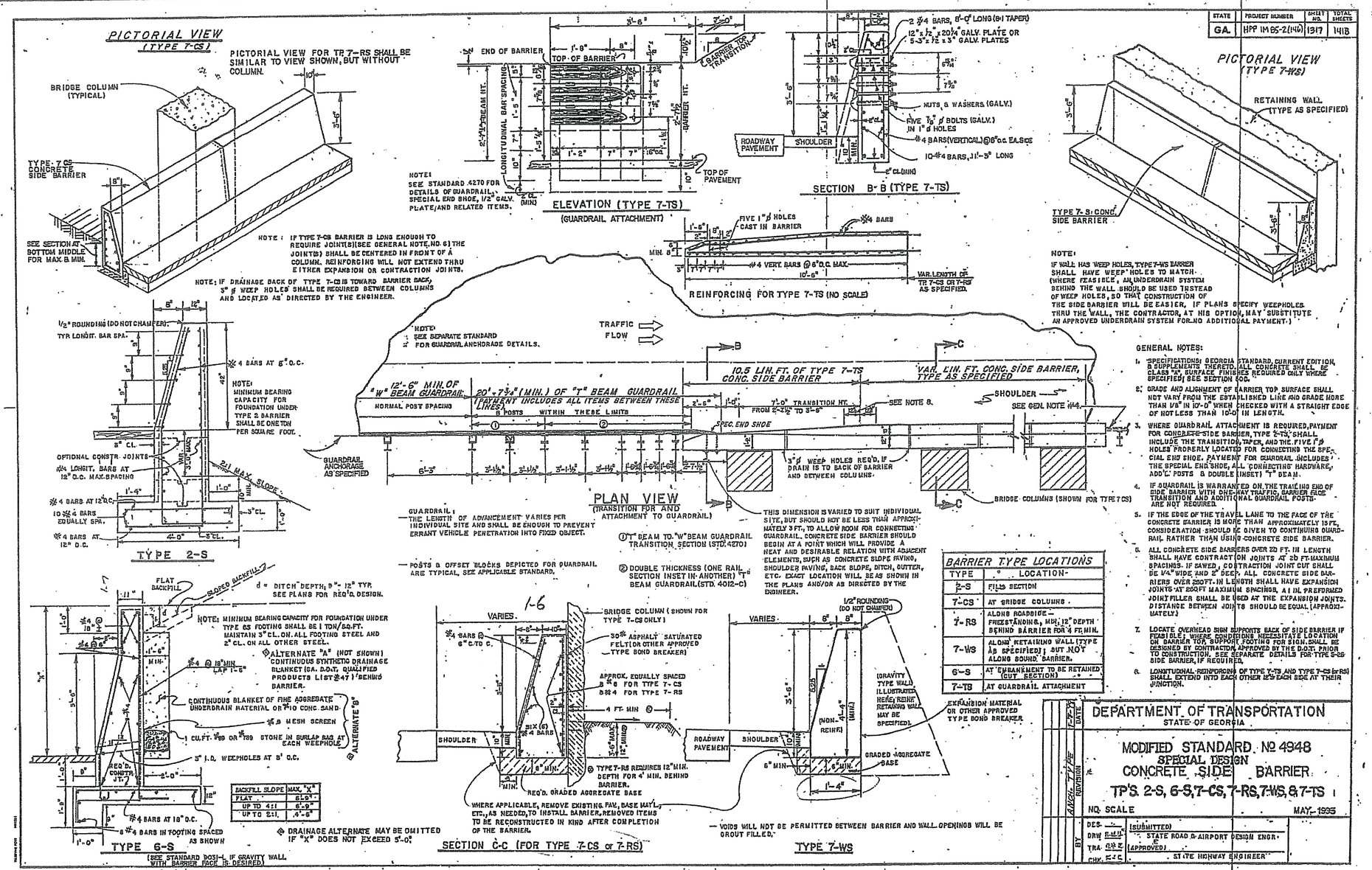
RELEASED FOR CONSTRUCTION - 12/05/11

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	HPP IM 85-2(140)	1317	1418



GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO. ALL CONCRETE SHALL BE CLASS "AA". SURFACE FINISHES REQUIRED ONLY WHERE SPECIFIED; SEE SECTION 500.
2. GRADE AND ALIGNMENT OF BARRIER TOP SURFACE SHALL NOT VARY FROM THE ESTABLISHED LINE AND GRADE MORE THAN 1/4" IN 10'-0" WHEN CHECKED WITH A STRAIGHT EDGE OF NOT LESS THAN 10'-0" IN LENGTH.
3. WHERE GUARDRAIL ATTACHMENT IS REQUIRED, PAYMENT FOR CONCRETE SIDE BARRIER, TYPE 7-TS, SHALL INCLUDE THE TRANSITION, TAPER, AND THE FIVE 1" ø 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) "T" BEAM.
4. 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.
5. IF THE EDGE OF THE TRAVEL LANE TO THE FACE OF THE CONCRETE BARRIER IS MORE THAN APPROXIMATELY 13 FT., CONSIDERATION SHOULD BE GIVEN TO CONTINUING GUARDRAIL RATHER THAN USING CONCRETE SIDE BARRIER.
6. 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 250 FT. IN LENGTH SHALL HAVE EXPANSION JOINTS AT 250 FT. MAXIMUM SPACINGS, A 1 IN. PREFORMED JOINT FILLER SHALL BE USED AT THE EXPANSION JOINTS. DISTANCE BETWEEN JOINTS SHOULD BE EQUAL (APPROXIMATELY).
7. 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 S-26 SIDE BARRIER, IF REQUIRED.
8. LONGITUDINAL REINFORCING OF TYPE 7-TS AND TYPE 7-CS (or RS) SHALL EXTEND INTO EACH OTHER 12" EACH SIDE AT THEIR JUNCTION.

BARRIER TYPE LOCATIONS

TYPE	LOCATION
2-S	FILLS SECTION
7-CS	AT BRIDGE COLUMNS.
7-RS	ALONG ROADSIDE — PRECAUTIONARY, MIN. 12" DEPTH BEHIND BARRIER FOR 4 FT. MIN.
7-WS	ALONG RETAINING WALL (TYPE AS SPECIFIED); BUT NOT ALONG BOUND. BARRIER.
6-S	AT EMBANKMENT TO BE RETAINED (CUT SECTION)
7-TS	AT GUARDRAIL ATTACHMENT

REVISION	BY	DATE
ADDED TYPE		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

MODIFIED STANDARD No. 4948
SPECIAL DESIGN
CONCRETE SIDE BARRIER
TP'S. 2-S, 6-S, 7-CS, 7-RS, 7-WS, & 7-TS

NO SCALE — MAY, 1995

DES. — (SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGR.
DRW. R.M.H.
TRA. G.W.E.
CHK. K.J.C. — (APPROVED) STATE HIGHWAY ENGINEER

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
SPECIAL CONSTRUCTION DETAIL
SPECIAL DESIGN SIDE BARRIER
DRAWING No. 38-002