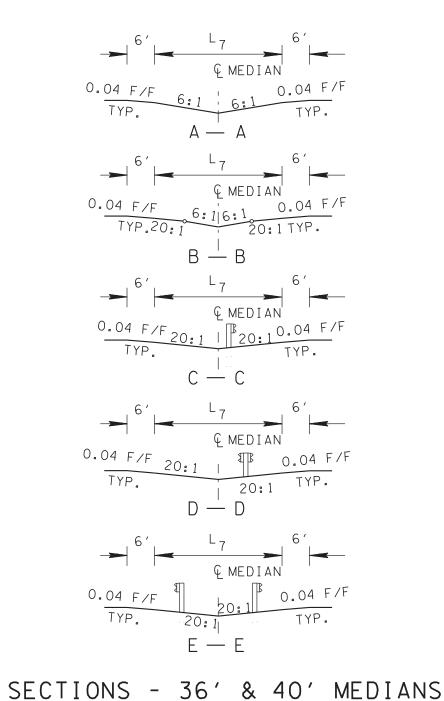
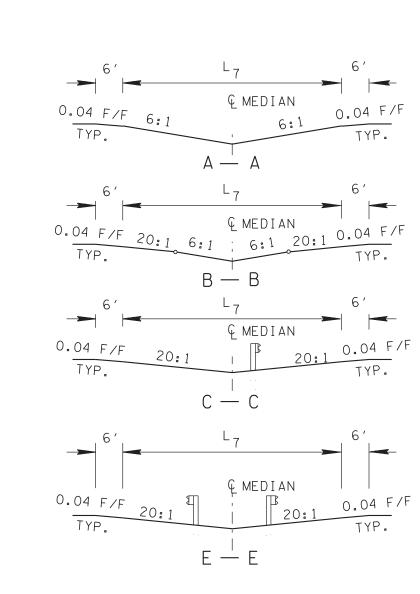


©1 MEDIAN DIMENSIONS						G2 GUARDRAIL QUANTITIES			
MEDIAN	L <sub>4</sub>	L 5	L 6	L <sub>7</sub>	L <sub>8</sub>	705-02.02	705-03.03	705-04.03	705-04.07
36′	187.31′	10.52′	200.19′	24.0′	2.0′	G3 150′-0″	200′-0″	2	2
40′	187.31′	12.52′	200.19′	28.0′	4.0′	G3 150′-0″	200′-0″	2	2
48′	162.30′	16.13′	225.20′	36.0′	8.0′	G3) 300′-0″		2	2
60′	149.81′	21.50′	237.69′	48.0′	14.0′	G3) 275′-0″		2	2
64′	149.81′	23.50′	237.69′	52.0′	16.0′	G3) 275′-0″		2	2

- THE DIMENSIONS SHOWN IN THIS TABLE ARE TO BE USED IN ALL TANGENT OR NEARLY TANGENT SITUATIONS WITH DESIGN SPEEDS 60 MPH OR BELOW. WHEN THE DESIGN SPEED EXCEEDS 60 MPH OR OTHER GEOMETRIC FEATURES SUCH AS CURVATURE, SKEWED BRIDGES, WHEN PIERS ARE NOT LOCATED AT THE CENTERLINE OF THE MEDIAN, OR ADDITIONAL HAZARDS ARE PRESENT, THE DESIGNER SHALL USE STANDARD DRAWING S-GR-21.
- INCLUDES QUANTITIES FOR BOTH APPROACHES.
- DOES NOT INCLUDE GUARDRAIL QUANTITY BETWEEN PIERS ON EACH SIDE WHICH MUST BE ADDED BY THE DESIGNER.





REV. 9-15-82: CHANGED S-GR-6 TO S-GR-16. REV. 7-1-84: CORRECTED NOTES AND ADDED NOTES. CHANGED DIMENSION ON TYPE I RAIL SUPPORT BLOCK. CHANGED ESTIMATED QUANTITY BLOCK WHICH ALLOWS FOR EASIER

INSTALLATION PROCEDURES. REV. 9-5-87: CHANGED ITEM NO. 705-01.02 TO 705-01.05. CHANGED

FIRST DOUBLE STAR NOTE FOR TYPE "B" TREATMENT. REV. 11-7-87: CHANGED W6 X 16 TO

REV. 1-19-92: REDREW AND REORGANIZED SHEET. UPDATED TO

REV. 7-29-93: LABELED BLOCK-OUT FOR TYPE II RAIL SUPPORT DETAIL.

1991 STANDARDS.

REV. 5-27-94: MODIFIED TANGENT DISTANCE IN L4 FOR 48 AND 60 FOOT WIDE MEDIANS.

REV. 9-5-94: REMOVED REFERENCE TO FOOTNOTES (5) THRU (7) IN TYPE "A" BARRIER TRÉATMENT DÉTAIL.

REV. 5-27-96: MODIFIED USE OF BACK RAIL IN BOTH PLAN VIEWS. CHANGED LOCATION OF GUARDRAIL FOR SECTION TYPE "A", SECTION "B-B" VIEW. CHANGED FOOTNOTE (2).

REV. 6-10-96: CHANGED QUANTITIES FOR ITEM NOS. 705-02.02 & 705-03.03 IN GUARDRAIL TABULATED QUANTITIES.

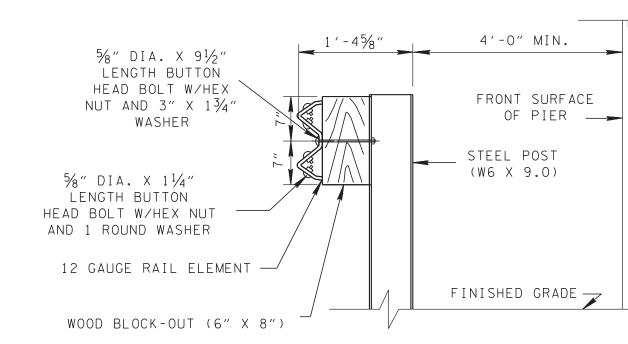
REV. 7-29-98: MODIFIED TYPE II RAIL SUPPORT DETAILS, MADE OTHER GENERAL REVISIONS.

REV. 4-30-99: MODIFIED DRAWING IN GENERAL. ELIMINATED TYPE I RAIL SUPPORT DETAILS.

REV. 5-27-99: MODIFIED VARIOUS NOTES ON DRAWING.

REV. 5-27-01: CHANGED ITEM NO. 705-04.38 TO 705-04.07.

## SECTIONS - 48', 60', & 64' MEDIANS



COST EFFECTIVENESS COMPARISON MAY WEIGHT THE DECISION IN FAVOR OF METAL BARRIERS IN WHICH CASE THIS STANDARD

(B3) (a) A WIDE MEDIAN IN WHICH THE MEDIAN BARRIER IS NOT

(b) LOW TRAFFIC VOLUME, LOW DESIGN SPEED, LOW CRASH

EVALUATION TECHNIQUE (SEE THE "ROADSIDE DESIGN GUIDE

(1989), SECTION 3.2") MAY DICTATE THE OMISSION OF A

RECORD, LIMITED FUNDS, OR ANY COMBINATION OF THESE, WHEN

APPLIED IN ACCORDANCE WITH A FEASIBLE COST EFFECTIVENESS

DRAWING WILL BE USED.

BARRIER ENTIRELY.

WARRANTED (SEE DWG. RD-S-17); OR

TYPE II METAL BEAM RAIL SUPPORT DETAILS AT PIER

SEE STD. DWG. S-GR-12 FOR POST REQUIREMENT BELOW FINISHED GRADE MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

GUARDRAIL BARRIER TREATMENT FOR PIERS IN MEDIAN

S-GR-16