

NOTE: QUANTITIES FOR EACH 10m SECTION. INFORMATION ONLY
* SEE BENDING DIAGRAM FOR LENGTH

If necessary, adjust the longitudinal reinforcing spacing under the rail

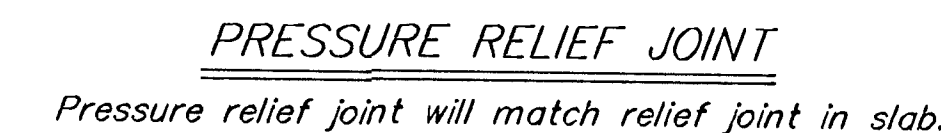
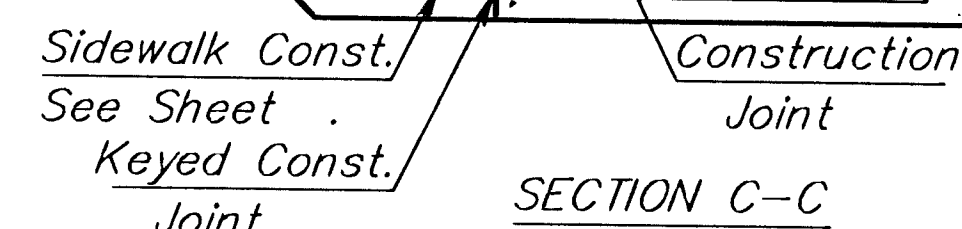
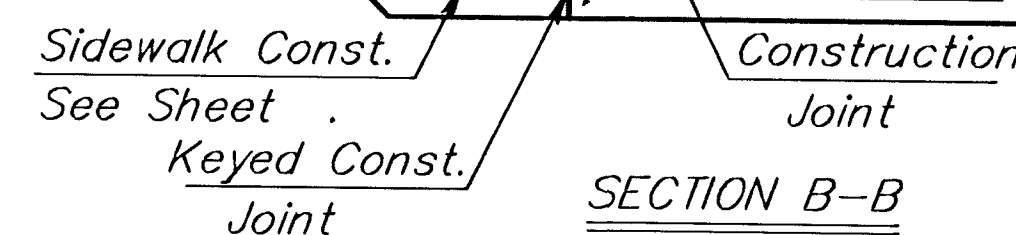
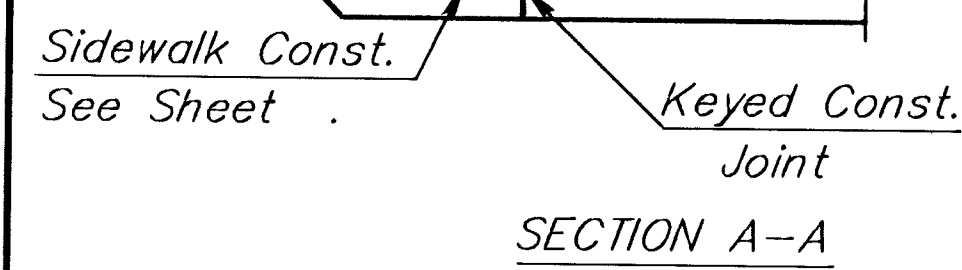
BID NOTE: Transition Rail bids as "Concrete Safety Barrier (Special)(AE)".

The top clearance may vary from 60 mm to 75 mm due to design criteria. For this reason, top clearance is not shown on the details. All rail reinforcing shall be epoxy coated for primary routes, unless noted otherwise.

Class AAA(AE) Concrete $f'_c = 30 \text{ MPa}$
Reinforcing Steel (Grade 400)
Epoxy Coated $f_y = 400 \text{ MPa}$

LOADING: AASHTO Specifications
44.5 kN Transverse (Outward)
11.12 kN Vertical Load
11.12 kN Transverse (Inward)

Joint material shall be preformed urethane foam joint material installed with lubricant adhesive. Joint shall be constructed to match the pressure relief joint in the bridge approach slab.



FHWA APPROVAL		APP'D	
DESIGNED	DETAILED	QUANTITIES	CADD
DESIGN CK.	DETAIL CK.	QUAN. CK.	CADD CK.