

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	52 U-1785-01	2003	100	143

NOTES: Precast Type IV barrier shall be connected by a seven strand wire rope of 13 mm diameter common grade, anchored by cable clamp or other approved method against 95 mm x 95 mm x 10 mm bearing plates, on bridge or bridge approach slabs. Tension of the cable shall be between 900 N pull and 4 450 N pull.

The end section on the approach to the bridge shall be anchored securely. See bridge details for anchoring method to the bridge deck.

Type IV section adjacent to Type I Temporary Barrier shall have recess enough to allow section to join.

Anchor breakout is required for all sections which are connected to pavement or bridge deck. Breakout is not required but may be used for non-anchored sections.

MATERIAL: Use Concrete Grade 25 (AE) throughout. All structural steel shall be merchant grade. Reinforcing steel shall be Grade 300 or Grade 420 billet steel and shall meet the requirements of the KDOT Standard Specifications.

SECTION: The section furnished must generally comply with dimensions shown. Requests for minor variations in section geometry and attachments may be submitted to the Engineer for approval.

LIFTING SLOTS: Lifting slots shall be constructed where specified on the plans to facilitate the drainage of water after installation on the roadway. Approximate mass of one unit equals 1 800 kg.

TEMPORARY CONCRETE SAFETY BARRIER: Furnishing and placing of all materials when required and all labor and equipment required to position the temporary barrier shall be included in the Contract unit price bid for "Concrete Safety Barrier (Type IV) (Temporary)". Any relocation of the barrier required for the project shall be paid in accordance with the KDOT Special Provisions under the bid item "Concrete Safety Barrier (Type IV) (Temp.-Relocate)". Unless otherwise noted on the Plans, the Temporary Concrete Safety Barrier shall become the property of the Contractor and shall be removed from the site upon acceptance of the completed project.

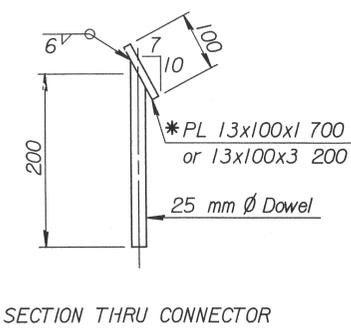
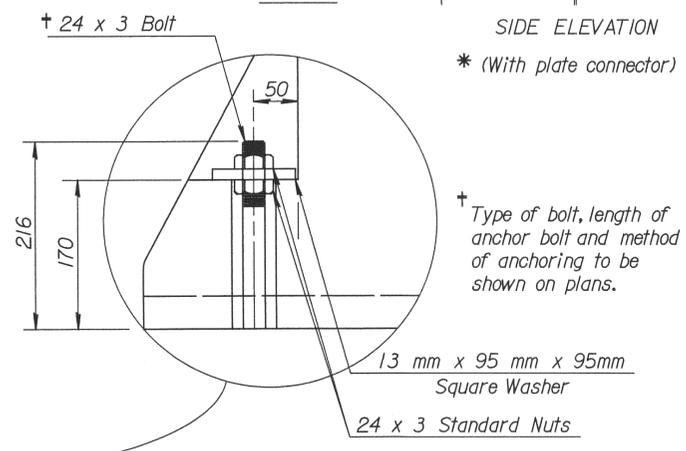
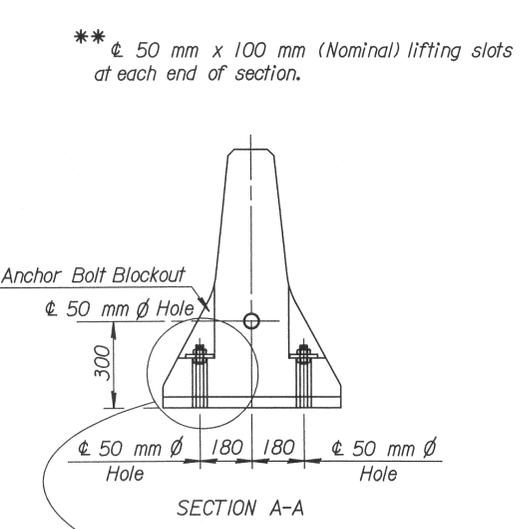
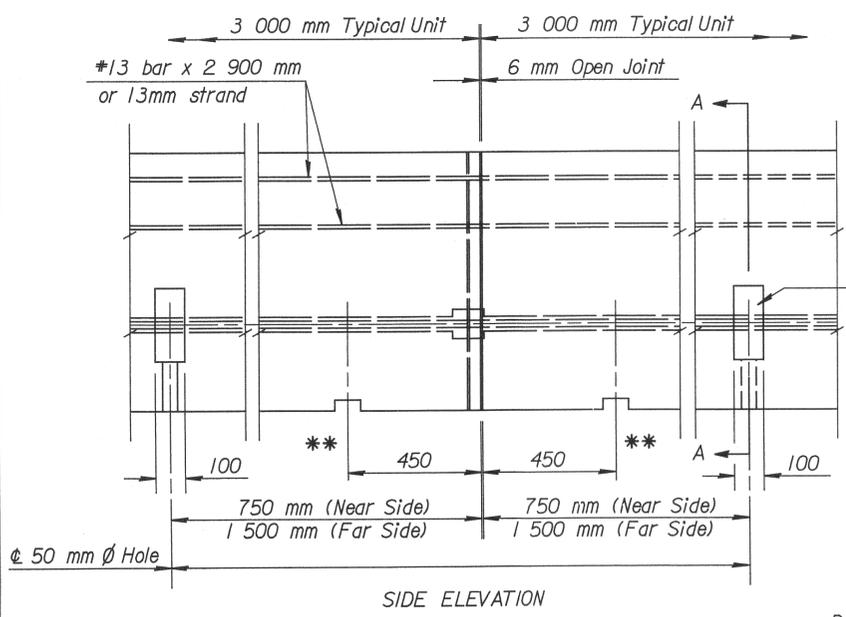
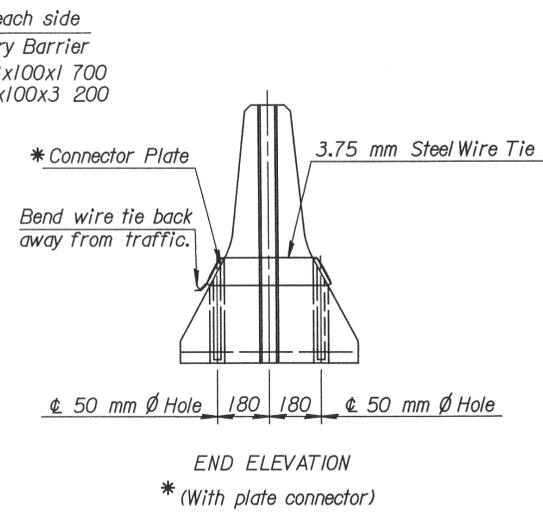
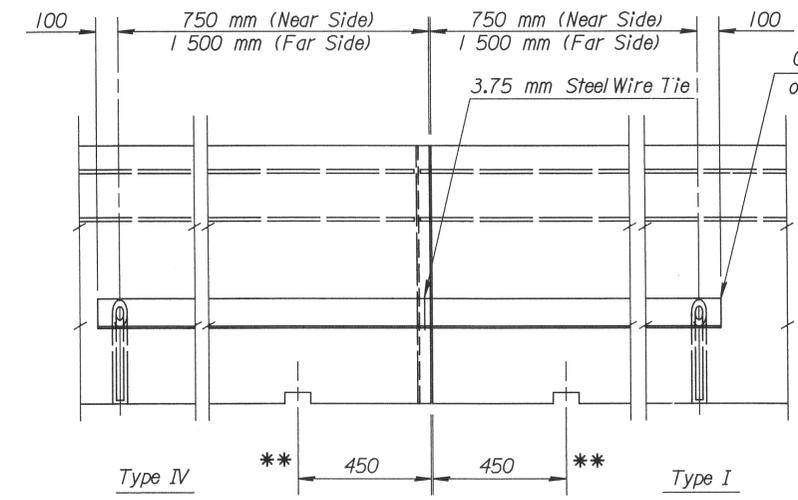
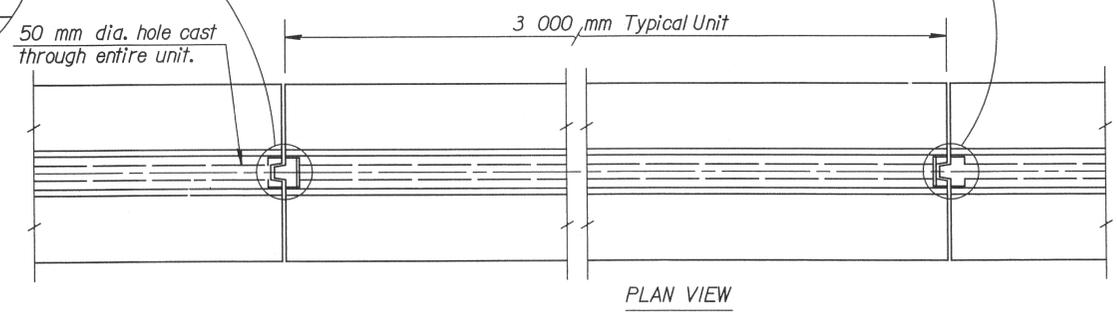
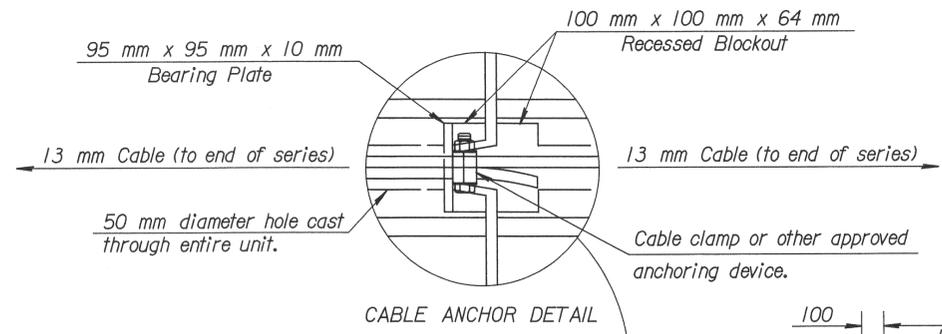
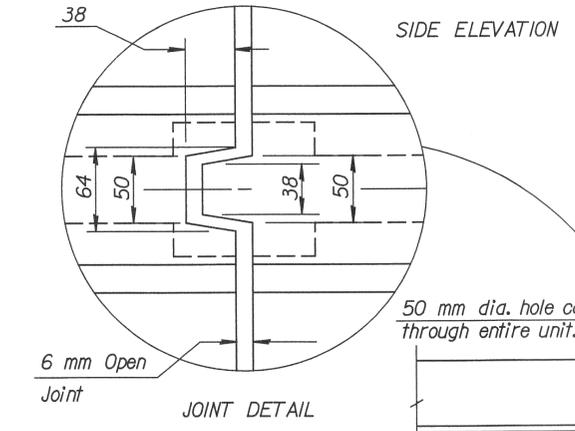
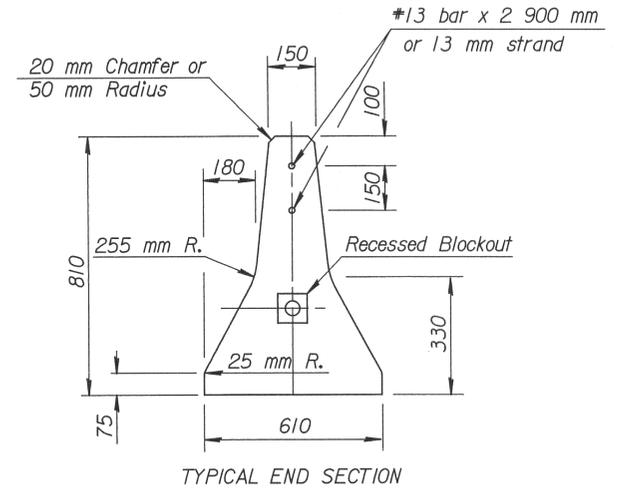
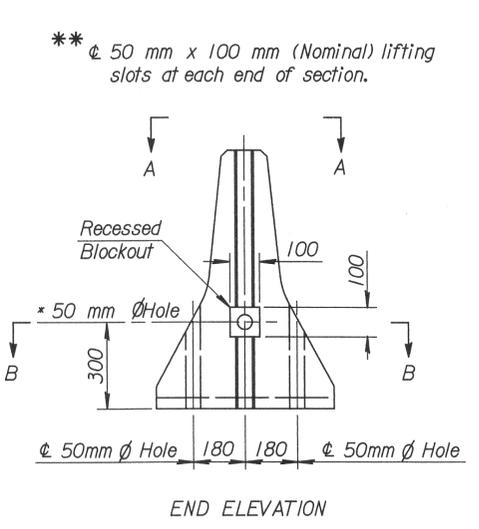
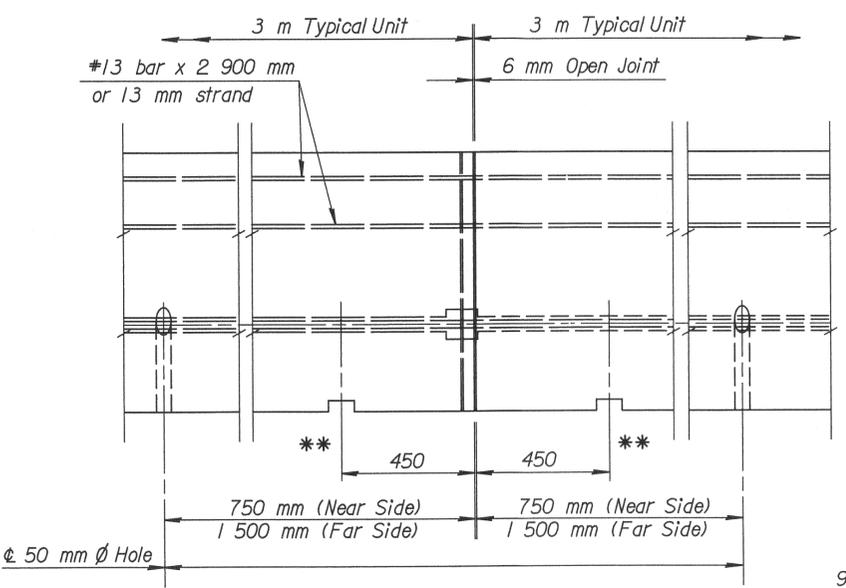
SURFACE PREPARATION: All loose dirt and sand shall be removed from the roadway surface just prior to placement of the median barrier.

SIGNING: For sign spacing, details of other traffic control devices and reference notes, see other sheets.

DELINEATION: See Standard Drawing RD640 SI for delineator notes and details.

DATE	9-01
BY	M. Adams
REFERENCES NOTED	R. Stegman
REFERENCES CHECKED	

Plotted: 4/16/2004  
 Drawn By: whudson  
 File: P:\0154\01541\_rdb641.si.dgn  
 Section: \$\$\$KDOTGRP-\$\$\$



\* Note: Connector Plate used only where Type IV and Type I Join.

NO.	DATE	REVISIONS	BY	APP'D
9	4-30-02	Rev. concrete from Class to Grade.	S.W.K.	J.O.B.
8	10-03-00	Revised bolt callouts	R.J.S.	J.O.B.
7	11-12-98	Revised concrete grade	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE SAFETY BARRIER TYPE IV

RD641 SI

DESIGNED	5-01-02	APP'D	James O. Brewer
DETAIL		QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK. Seitz