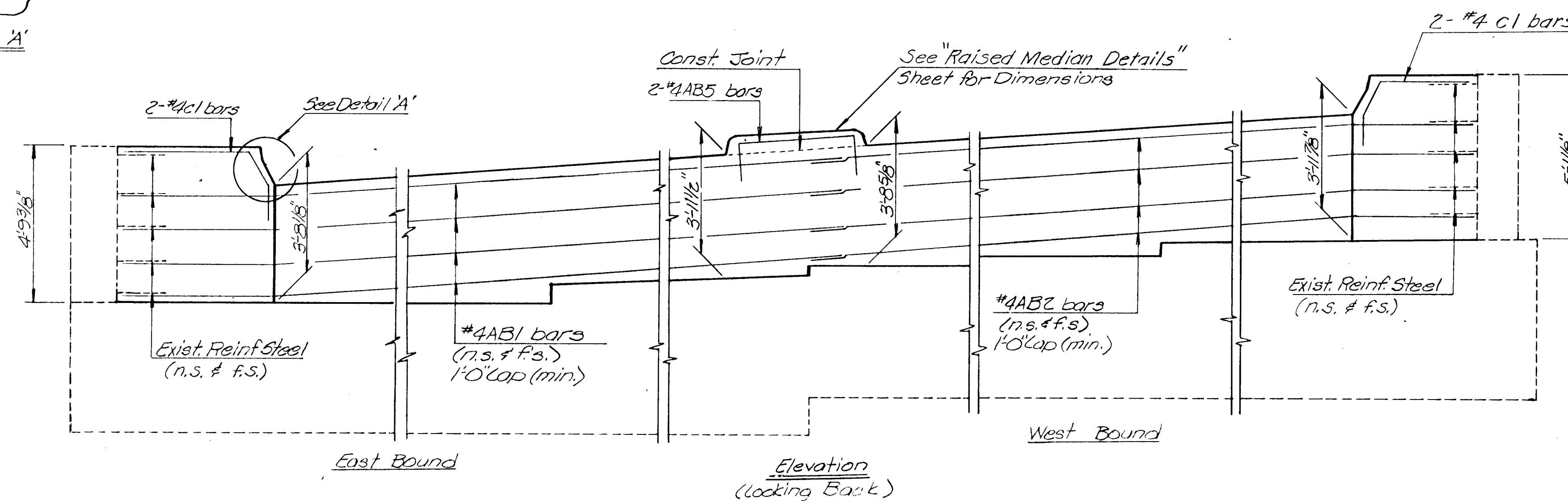
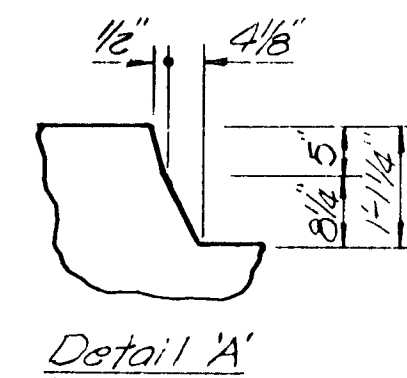
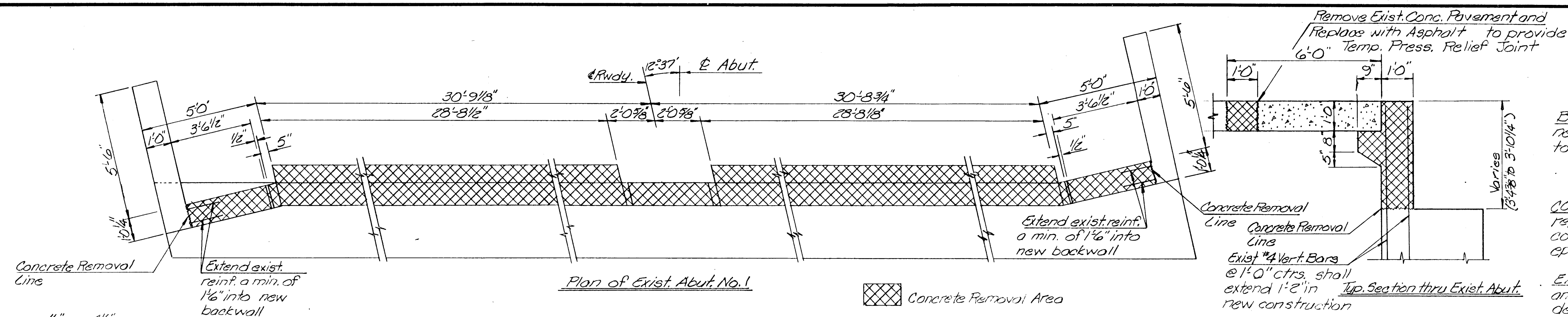
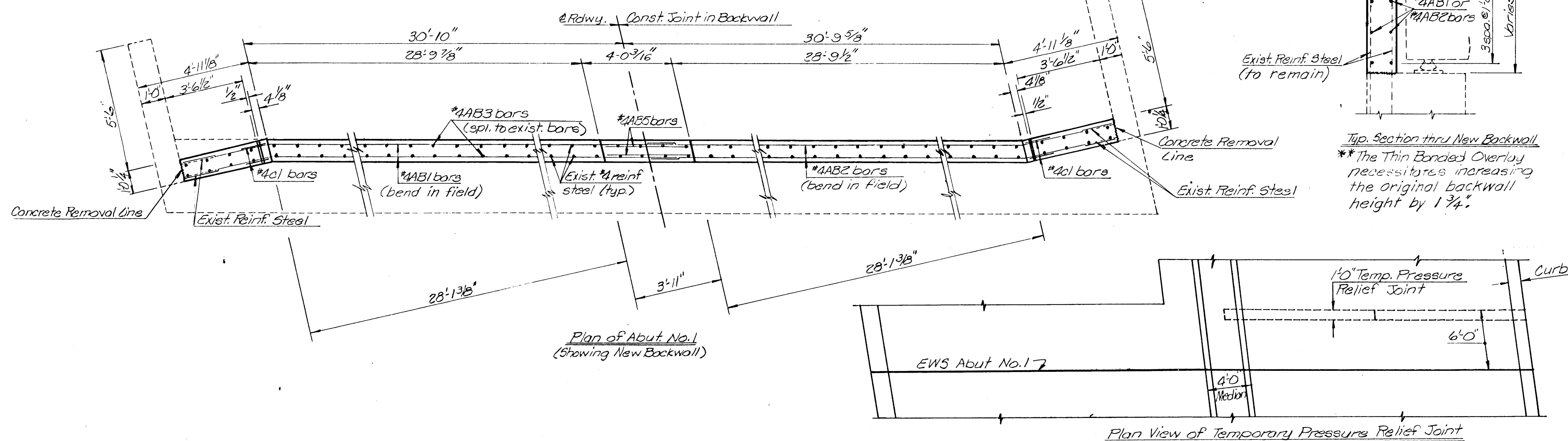




Note: The Contractor shall take care in the placing of reinforcing steel to provide the necessary splice lengths.



PRESSURE RELIEF JOINT: A temporary pressure relief joint shall be constructed across the pavement on the two lanes that will be carrying traffic. This work shall be done prior to detouring traffic to two lanes. A one foot wide strip of pavement curbs and median shall be removed and replaced with the same type of asphalt material that is used in the construction of the detour cross-overs. This work shall be completed in a max. of an 8 hour period during daylight hours with the following temporary traffic control;

- 1) A min. of a 12'-0" wide traffic lane shall remain open.
- 2) Install signs as shown on the Construction Traffic Control Devices and Locations for a Four Lane Highway Std. 244.1
- 3) Taper traffic to one lane using Traffic Cones with a min. of a 250 ft. taper.
- 4) A flagman will be required at the work area.

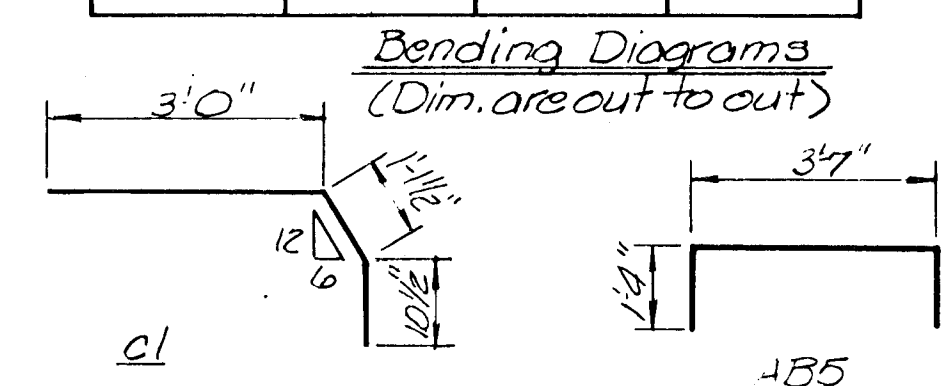
This work shall be subsidiary to Backwall Repair.

EXCAVATION: Temporary shoring of the traffic lane will be required. The method and details of shoring will be submitted to the Engineer for approval. See "Approach Pavement Details" sheet for backfill requirements.

*Note: Backwall thickness may need to be increased or decreased to provide the clearance for expansion device.

* Not a bid item, but given as an aid to the Contractor only.

Bill of Reinforcing Steel * Straight Bars			
Mark	Number	Size	Length
AB1	3	#4	36'-6"
AB2	3	#4	34'-3"
AB3	140	#4	3'-10"
Bent Bars			
C1	4	#4	5'-0"
AB5	2	#4	6'-3"



3					
2					
1					
NO.	DATE	REVISIONS		BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

Br. No. 54-87-25.80 Bridge Repair

BACWALL REPAIR
(Abut. No. 1)

Proj. No. 54-87-5942(E) Sedgwick Co.

SHEET NO. <u>2</u> OF <u>32</u>	SCALE	APP'D	
DESIGNED <i>RAM</i>	DETAILED <i>RAF</i>	QUANTITIES <i>5GB</i>	TRACE
DESIGN CK. <i>5GB</i>	DETAIL CK. <i>5GB</i>	QUAN. CK. <i>RAM</i>	TRACE CK.