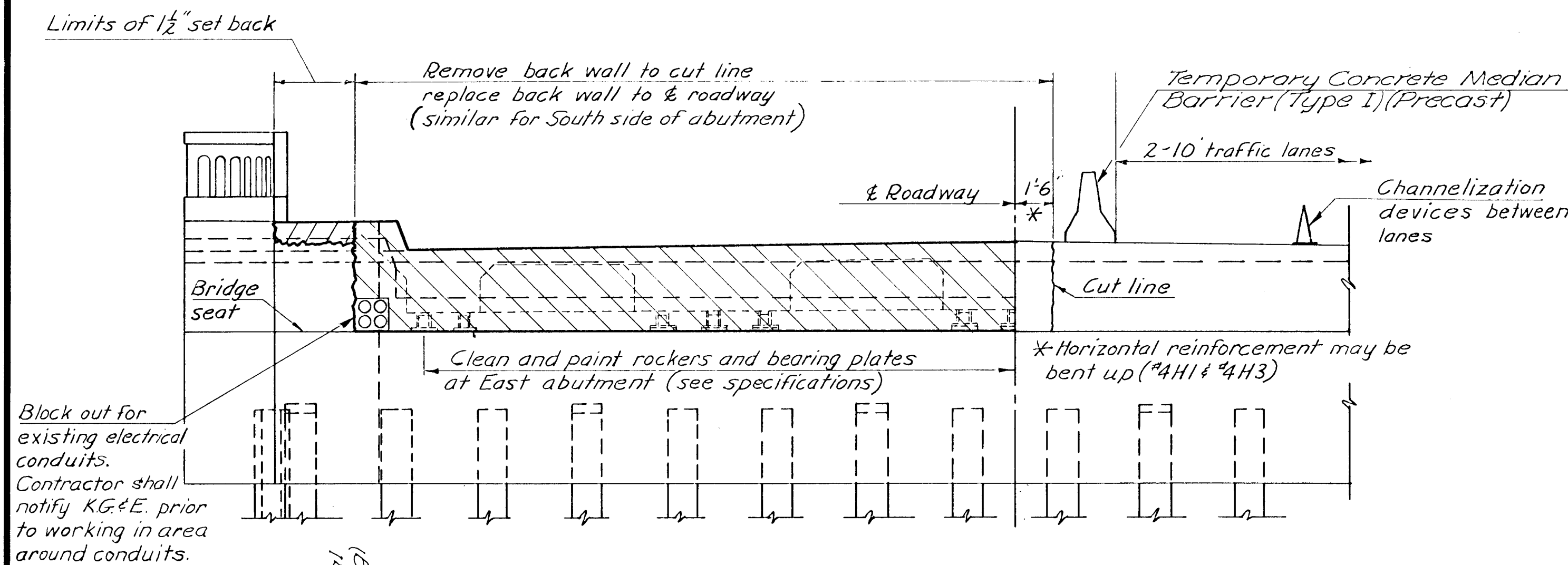
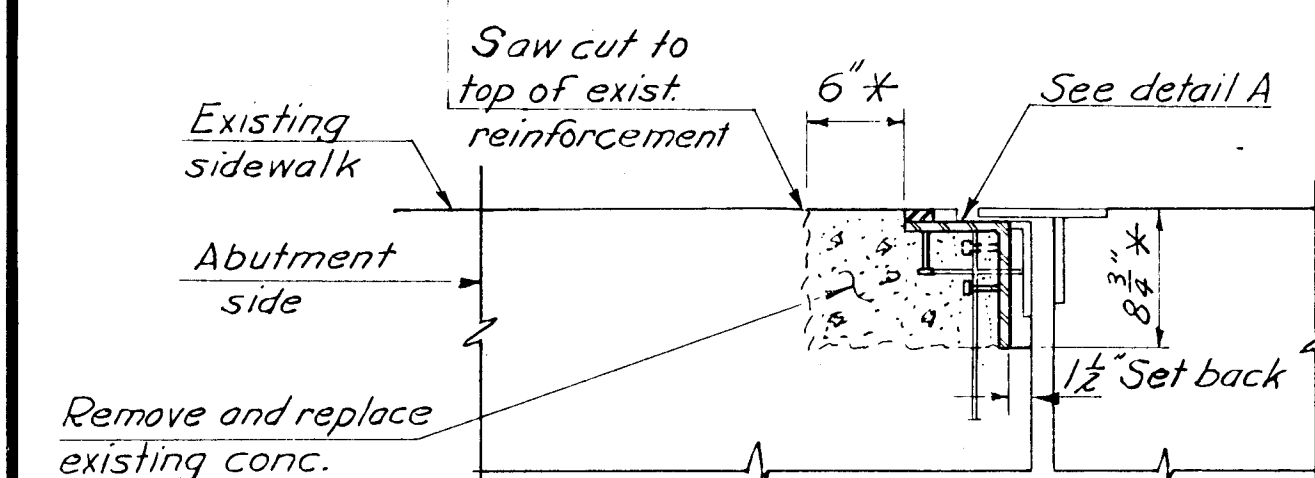
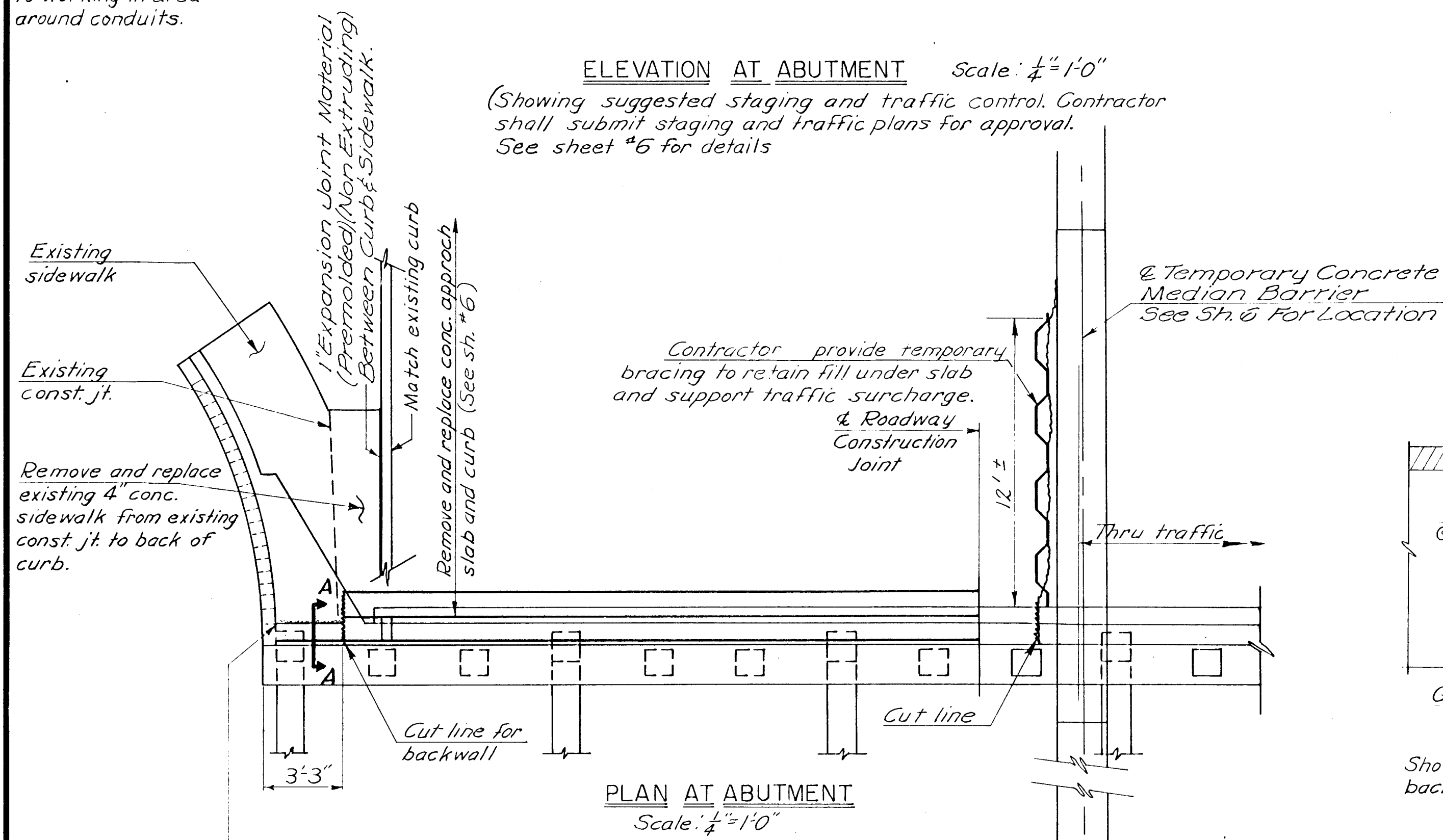




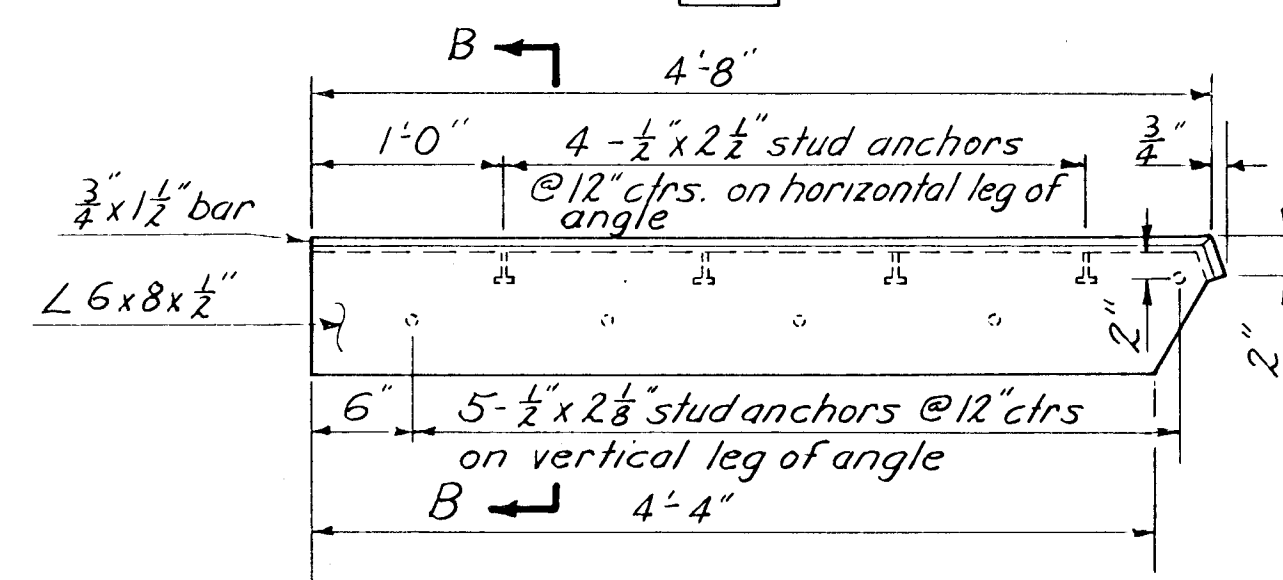
ELEVATION AT ABUTMENT Scale: $\frac{1}{4}"=1'-0"$

(Showing suggested staging and traffic control. Contractor shall submit staging and traffic plans for approval. See sheet #6 for details)



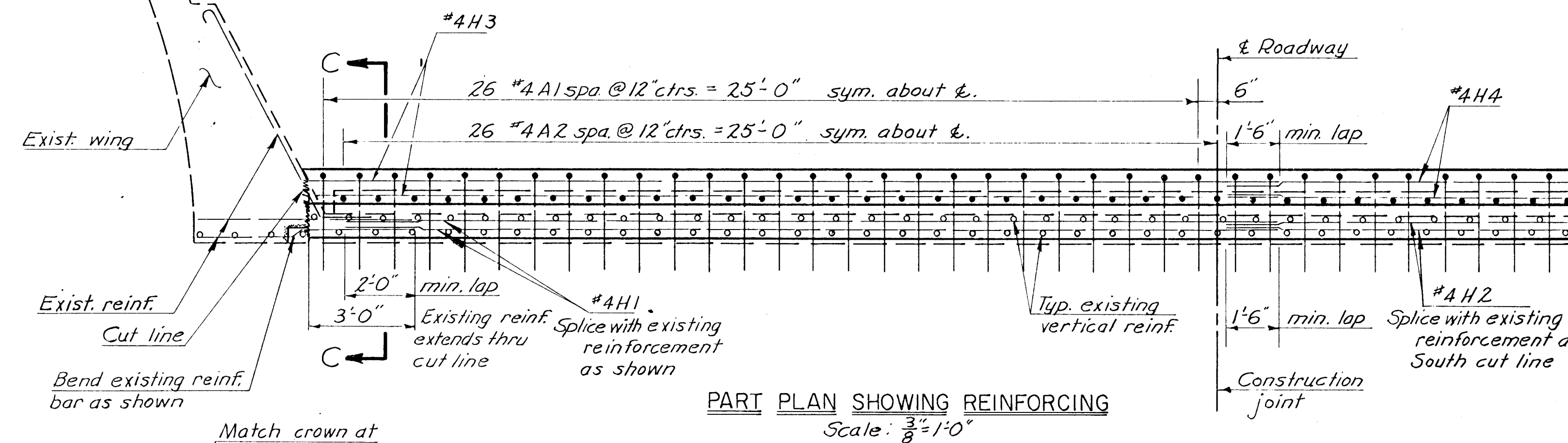
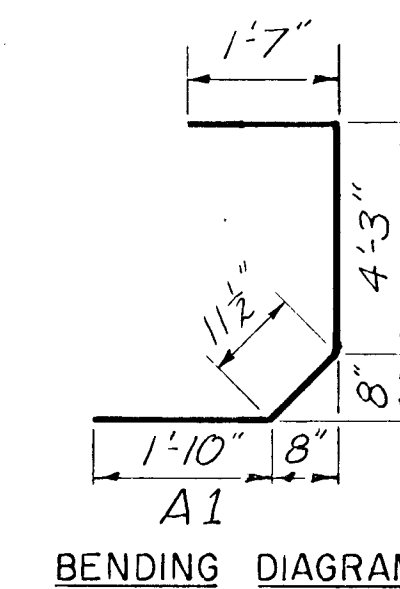
* Dashed lines indicate maximum concrete removal areas

SECTION A-A Scale: $1\frac{1}{2}"=1'-0"$



Armor angle at Expansion Pocket. Two required, North side angle shown, South side angle reverse.

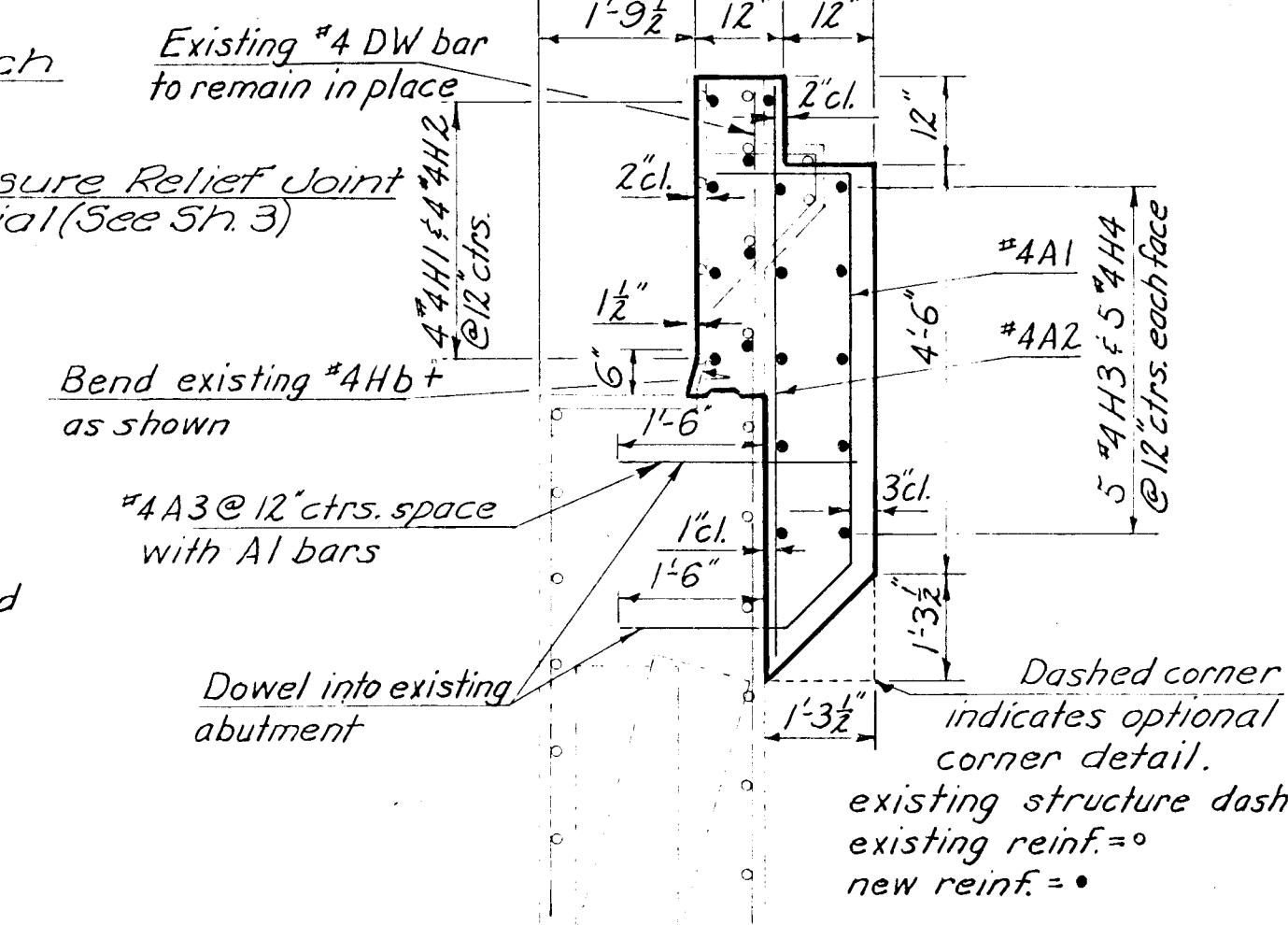
BILL OF REINFORCING STEEL				
STRAIGHT BARS				
MARK	NO.	SIZE	LENGTH	
A2	51	#4	6'-2"	
A3	52	#4	2'-8"	
H1	8	#4	27'-6"	
H2	8	#4	25'-6"	
H3	10	#4	27'-6"	
H4	10	#4	25'-6"	
BENT BARS				
A1	52	#4	8'-8"	



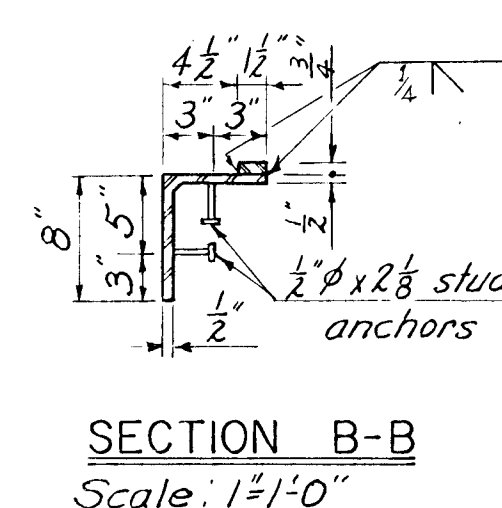
ABUTMENT REPAIR NOTES

EAST ABUTMENT

- The existing East abutment backwall is to be reconstructed $1\frac{1}{2}$ " East of its present location to accommodate expansion of the bridge deck.
- Backwall reconstruction will be staged to coincide with bridge deck repairs and bridge deck overlay.
- All vertical reinforcement will remain in place. Horizontal reinforcement at the vertical cut lines shall remain in place and extend 3' beyond the cut line into the new backwall.
- Care shall be taken when removing concrete around reinforcement that is to remain in place to insure that it remains in place undamaged and bonded into sound concrete.
- Any broken or damaged bar shall be replaced. The replacement shall be doweled into existing concrete at a location near the broken or damaged bar.
- Dowel bars are to be set firmly in grout at the required locations in accordance with the specifications.



SECTION C-C Scale: $\frac{1}{2}"=1'-0"$



DESIGN ND	BRIDGE DECK RECONSTRUCTION	
DR. BY R.L.C.	13TH ST. OVER THE ARKANSAS RIVER	
CK. BY R.A.V.	EAST ABUTMENT REPAIR	
DATE Mar 78	VAN DOREN - HAZARD - STALLINGS	
JOB NO. 77-218	ARCHITECTS - ENGINEERS - PLANNERS	
	WICHITA, KANSAS	
	SHEET	5
	OF	6