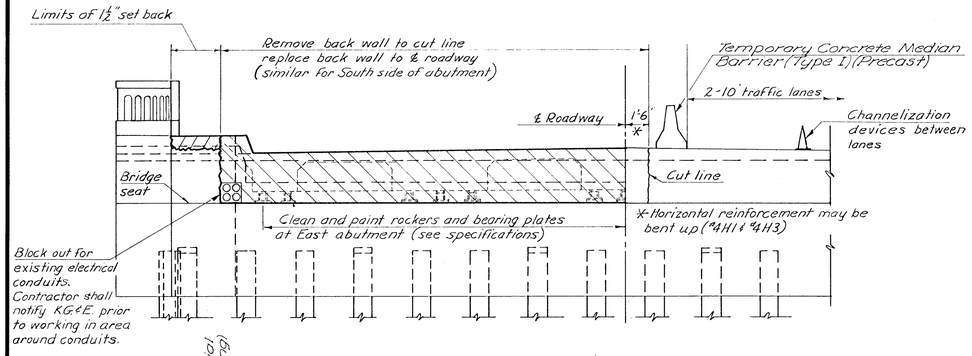
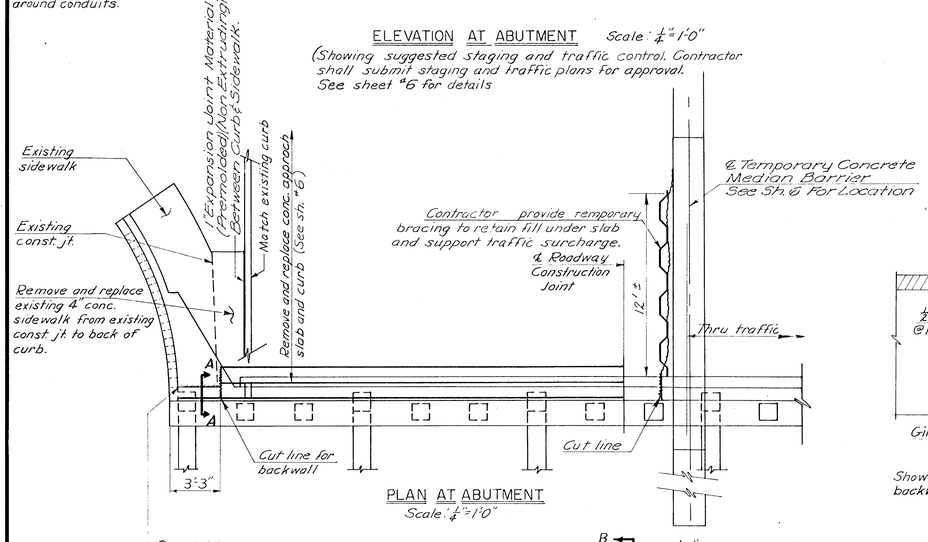
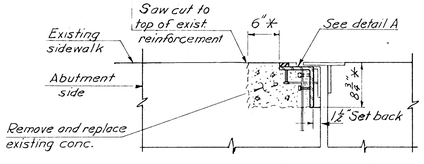


ELEVATION AT ABUTMENT Scale: ¼"=1'-0"

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

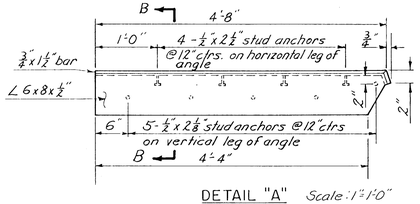


PLAN AT ABUTMENT Scale: ¼"=1'-0"



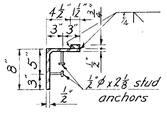
* Dashed lines indicate maximum concrete removal areas

SECTION A-A Scale: 1"=1'-0"



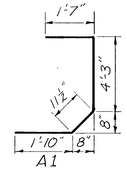
DETAIL "A" Scale: 1"=1'-0"

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

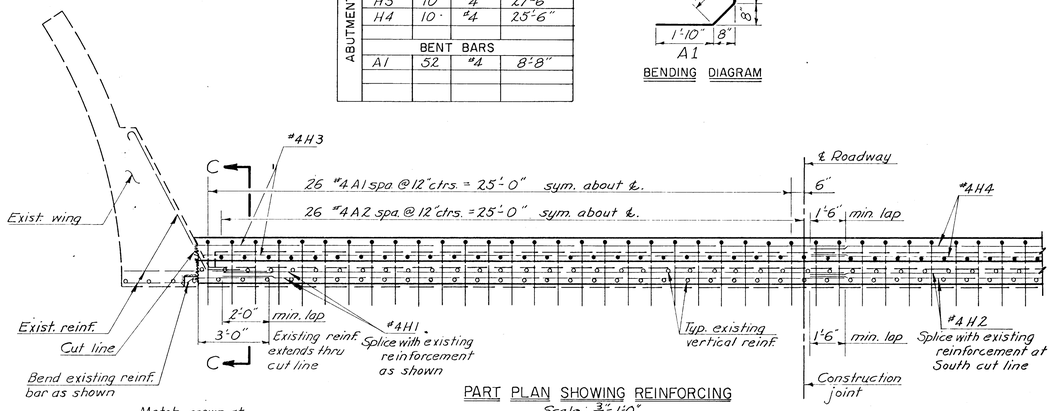


SECTION B-B Scale: 1"=1'-0"

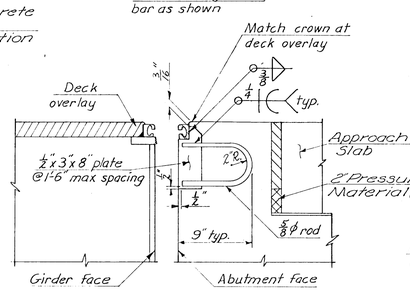
ABUTMENT REPAIRS	BILL OF REINFORCING STEEL			
	STRAIGHT BARS			
	MARK	NO.	SIZE	LENGTH
	A2	51	#4	6'-2"
	A3	52	#4	2'-8"
	H1	8	#4	27'-6"
	H2	8	#4	25'-6"
	H3	10	#4	27'-6"
	H4	10	#4	25'-6"
	BENT BARS			
	A1	52	#4	8'-8"



BENDING DIAGRAM

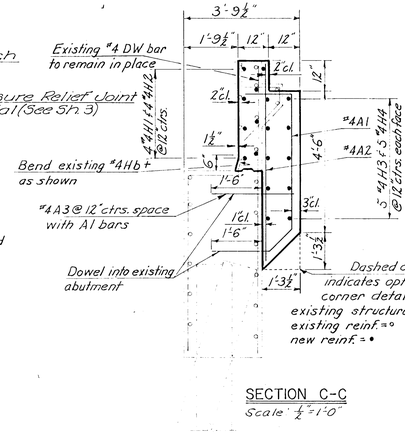


PART PLAN SHOWING REINFORCING Scale: ⅜"=1'-0"



SECTION THRU BACKWALL Scale: 1½"=1'-0"

Showing anchorage device for strip seal in reconstructed backwall (See section A-A sheet #4.)



SECTION C-C Scale: ½"=1'-0"

ABUTMENT REPAIR NOTES

EAST ABUTMENT

1. The existing East abutment backwall is to be reconstructed 1½" East of its present location to accomodate expansion of the bridge deck.
2. Backwall reconstruction will be staged to coincide with bridge deck repairs and bridge deck overlay.
3. 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.
4. 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.
5. 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.
6. Dowel bars are to be set firmly in grout at the required locations in accordance with the specifications.

DESIGN	N.D.
DR. BY	R.L.C.
CK. BY	R.A.W.
DATE	Mar. 78
JOB NO.	77-218

BRIDGE DECK RECONSTRUCTION
13TH ST. OVER THE ARKANSAS RIVER

EAST ABUTMENT REPAIR

VAN DOREN · HAZARD · STALLINGS
ARCHITECTS · ENGINEERS · PLANNERS
WICHITA, KANSAS

SHEET 5 OF 6