GENERAL NOTES

1. Class A-3Z Concrete shall be used throughout this project. All reinforcing steel shall conform to A.S.T.M. Specifications.
2. Grading 2" Reconstruction of N. Abutment - Reconstruction shall be bid as a Lump Sum Bid.
3. Contractor to provide & maintain proper barricades thru out reconstruction.

"ELEVATION"

"APPROACH SLAB DETAIL"

"EXPANSION JOINT DETAIL"

"PLAN VIEW"

"BEND DIAGRAM"

STEEL				
bar	size	no.	length	weight
A	6	80	26'-3"	841.180
A1	4	10	9'-7"	30.694
V	6	94	8'-0"	353.952
V1	6	8	9'-3"	31.116
V2	6	56	9'-6"	279.300
V3	6	12	9'-3"	121.698
			Subtotal reinf.	1718.040
			Apprx. allow. for steel	670.410
			Total	2388.34#

"SIDE VIEW" (Wingwall)

"SECTION THRU WING"

"SECTION A-A ABUTMENT"

"SECTION B-B"

Slope plate - If existing #4 bars are discarded when removing old seat, replace by dowelling new #6 bars into breastwall.

* all existing steel reinforcement remaining in place to be cleaned of all foreign material.

Stock pile excavated material at project and compact back into place.

Slope bearing plate (Install in new construction)

EXTRA PAVT. THICKNESS @ Pavement Seat

BILL OF MATERIALS		
Class A-3Z Concrete	118.21	C.Y.
Asphalt	0.14	Tons
Common Excavation	93.4	C.Y.
Compacted Fill	93.4	C.Y.
Reinf. Steel	3388.04	Lbs.
2"(Est.) Conc. Pvt.	40.0	S.Y.
Reinf. for Co.	20.0	L.F.
Saw Jt.	27.0	L.F.
Est. Concrete	2.22	C.Y.
Pavt. rem.	40.0	S.Y.
Guard Rail rem. & repl.	40.0	L.F.
Abutment Rem.	1	ea.

"NORTH ABUTMENT WALL RECONSTRUCTION" East Bridge over 31st
Approved (Dec. 20 South Hydraulic Avenue
CITY OF WICHITA, KANSAS
J.E. SMITH - City Engineer
Date June 1971 Proj. No.