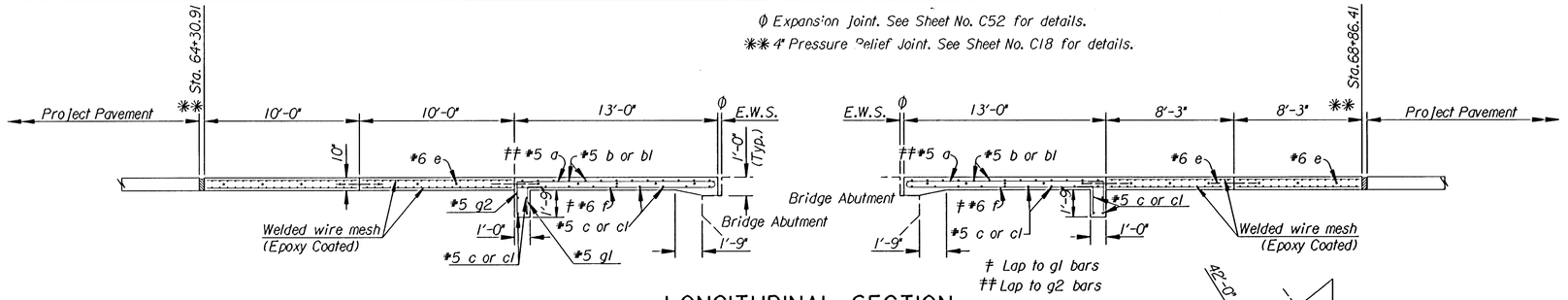
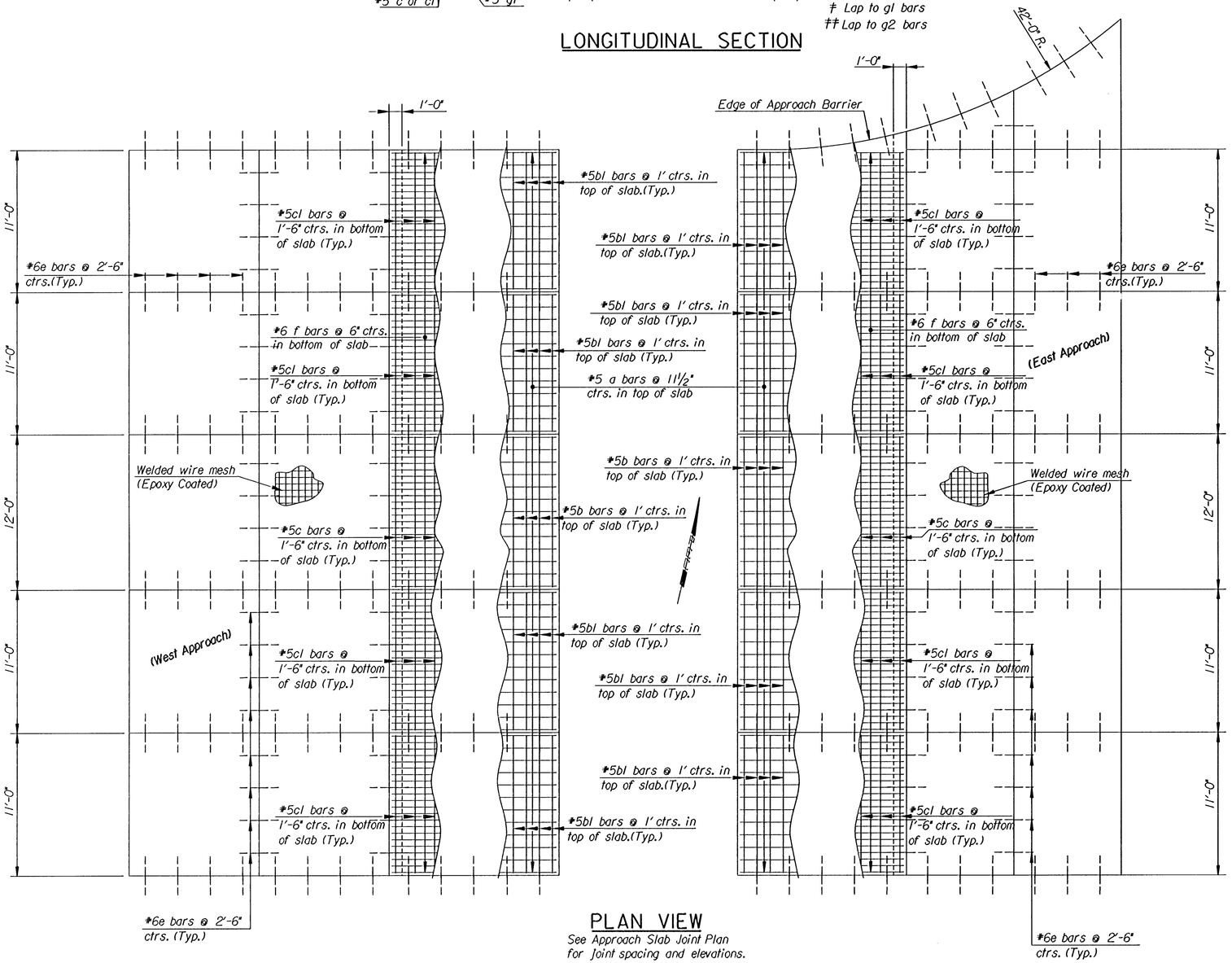
SHEET NO.	TOTAL SHEETS
C23	131

Ø Expansion Joint. See Sheet No. C52 for details.
** 4" Pressure Relief Joint. See Sheet No. C18 for details.



‡ Lap to g1 bars
‡‡ Lap to g2 bars

LONGITUDINAL SECTION



PLAN VIEW

See Approach Slab Joint Plan for joint spacing and elevations.

Note: Spacing of longitudinal reinforcing bars is normal to center line.
Spacing of transverse reinforcing bars is parallel to center line.

GENERAL NOTE

Special Concrete Bridge Approach shall be paid for as Sq. Yds. of Concrete Pavement (10" Unif.)(A.E.) and includes all work and materials required to construct the approach slab as shown on this sheet.

All work and materials required for installation of expansion joints shall be subsidiary to the bid item "Strip Seal Assembly".

At the Contractor's option #4x3'-0" tie bars @ 15" centers may be substituted for the #6 e bars at 2'-6" centers.

All reinforcing steel shall be epoxy coated.

Clearance from the face for all reinforcing steel shall be 2 inches.

Standard reinforcing bar hooks in accordance with the latest ACI specifications shall be used throughout.

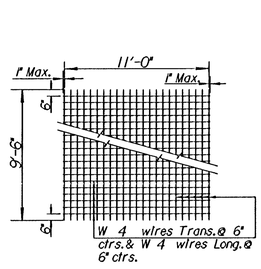
All work shall be done in conformity with the Standard Specifications applicable to the project.

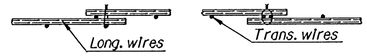
The cost of all bars and joint material shown on this sheet is to be included in the bid price for Concrete Pavement.

At each planned transverse joint location, a 4 to 6 inch wide strip of the pavement surface shall be protected from the texturing operation to provide a transverse textureless surface centered over the joint sawcut.

All joints on this project shall be sawed and filled with sealant in accordance with Standard Specifications.

All materials and work required for this construction shall be Subsidiary to the concrete approach slab.





DETAIL OF LAP FOR WIRE MESH

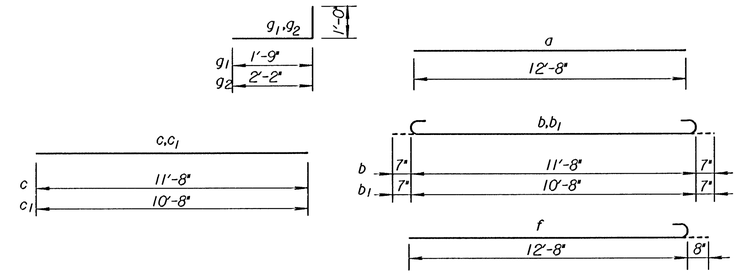
Welded wire mesh shall be W 4 wires Trans.@ 6" ctrs.& W 4 wires Long.@ 6" ctrs. ◆

The lap shall extend beyond the first transverse or bag wire of each sheet.

The sheet shall be wired securely at the edges and at intervals not to exceed 2'-6" for the full width of the sheet. Approximate weight of wire mesh = 58 lbs. per 100 sq. ft. Other methods for fastening the sheets of wire mesh at the laps may be used with the approval of the Engineer.

◆ Note: Epoxy coated #3 bars longitudinally @ 12" ctrs.& #3 bars transversely @ 18" ctrs. may be substituted for the epoxy coated mesh.

TYPICAL SHEET OF WELDED WIRE MESH FOR SPECIAL BRIDGE APPROACH PAVEMENT



Note: All dimensions are out to out of bars unless noted otherwise.

BENDING DIAGRAMS

BILL OF MATERIALS (WEST APPROACH)

Bar Schedule

Bar	a	b	b1		c	c1		e	f		g1	g2
No.	61	13	52		13	52		118	112		112	61
Size	#5	#5	#5		#5	#5		#6	#6		#5	#5
Length	12'-8"	12'-10"	11'-10"		11'-8"	10'-8"		3'-0"	13'-4"		2'-9"	3'-2"

*	Reinforcing Steel(Epoxy Coated)	6,955 Lbs.
	Concrete Pavement(10" Unif.)(AE)	205.3 Sq. Yds.

BILL OF MATERIALS (EAST APPROACH)

Bar Schedule

Bar	a	b	b1		c	c1	e	f	g1	g2
No.	61	13	52		13	52	113	112	112	61
Size	#5	#5	#5		#5	#5	#6	#6	#5	#5
Length	12'-8"	12'-10"	11'-10"		11'-8"	10'-8"	3'-0"	13'-4"	2'-9"	3'-2"

*	Reinforcing Steel(Epoxy Coated)	6,810 Lbs.
	Concrete Pavement(10" Unif.)(AE)	193.3 Sq. Yds.

* Reinforcing steel shown for information only. Includes welded wire fabric weight.

No.	Revisions	By	Date
1			

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER
DOUGLAS AVENUE BRIDGE
OVER ARKANSAS RIVER
CONCRETE BRIDGE APPROACH PAVEMENT
CITY OF WICHITA PROJECT NO. 472-82721

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	R.A.S.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	Sept. 1997
		Job No.	95088-4

File: I:\995\95088\douglas\approachdgn
drawn by : jgp
plotted by : will 12-1-97

C23