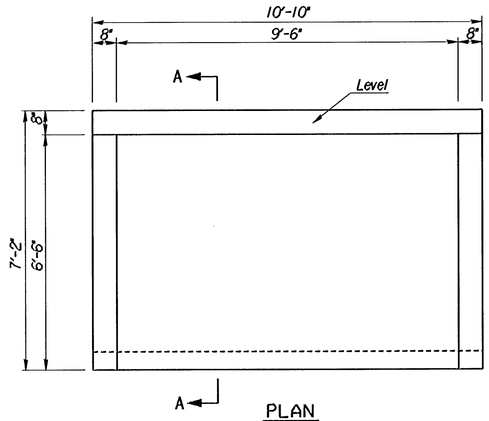
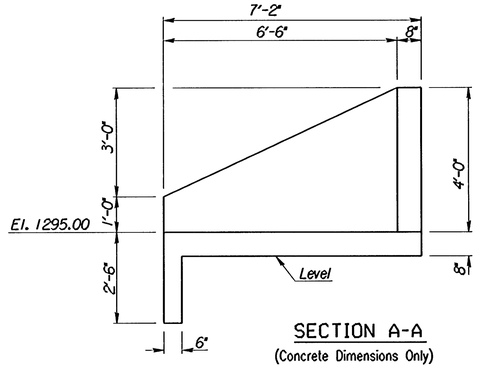
SHEET NO.	TOTAL SHEETS
E1A	131

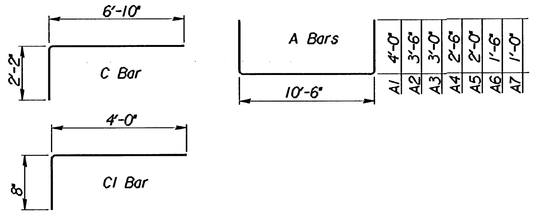
NEW SHEET DATED 2-10-1999



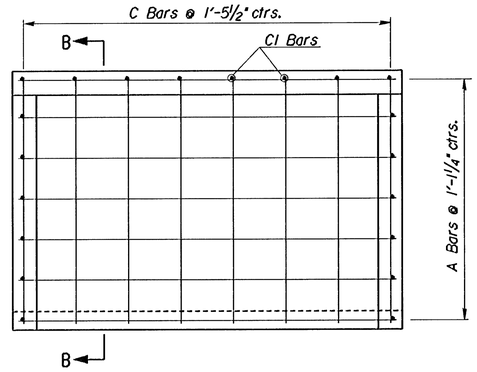
PLAN
(Concrete Dimensions Only)



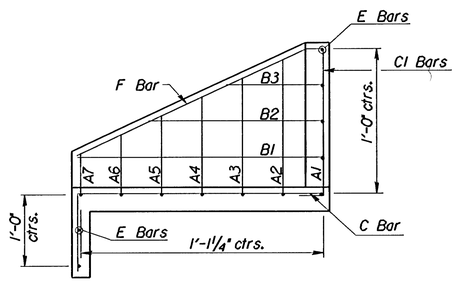
SECTION A-A
(Concrete Dimensions Only)



BENDING DIAGRAMS



PLAN
(Reinforcing Dimensions Only)

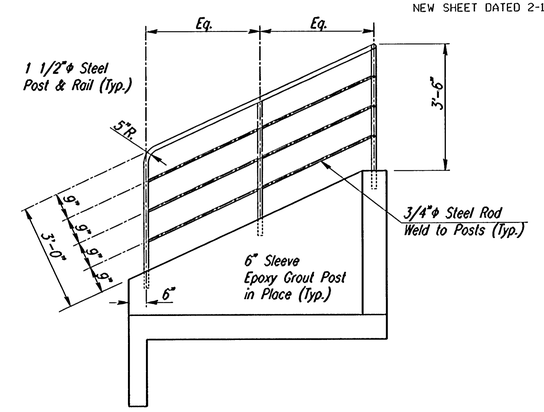


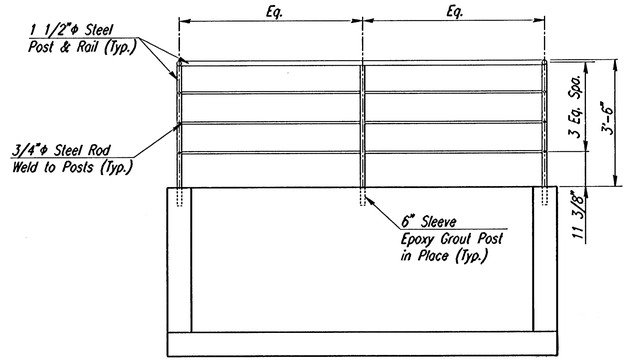
SECTION B-B
(Reinforcing Dimensions Only)

RE-BAR SCHEDULE

Mark	Shape	No.	Length	Weight
A1	⌴	1	18'-6"	12.36
A2	⌴	1	17'-6"	11.69
A3	⌴	1	16'-6"	11.02
A4	⌴	1	15'-6"	10.35
A5	⌴	1	14'-6"	9.69
A6	⌴	1	13'-6"	9.02
A7	⌴	1	12'-6"	8.35
B1	—	2	6'-10"	9.13
B2	—	2	4'-9"	6.35
B3	—	2	2'-7"	3.45
C	⌐	8	9'-0"	48.10
C1	⌐	8	4'-8"	24.94
E	—	6	10'-6"	42.08
F	—	2	7'-6"	10.02
Total Rebars			216.55	Lbs.
Concrete			3.79	C.Y.

All Concrete Reinforcement to be #4 bars.





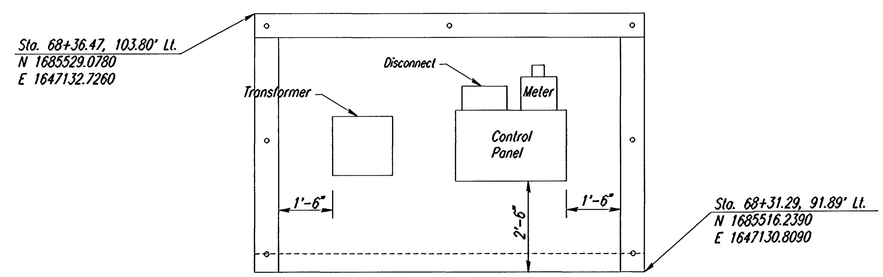
RAIL DETAILS

CONCRETE HEADWALL NOTES

CONCRETE: Bevel all exposed edges with 3/4" triangular molding or finish with an approved edging tool. Concrete shall be as per City of Wichita Standard Specifications for concrete paving mix except that it shall have a minimum 28 day compressive strength of 3,000 p.s.i.

REINFORCING STEEL: All dimensions relative to reinforcing steel are to centerline of bar unless otherwise noted. All clearances shall be 2" unless otherwise noted. All reinforcing steel shall conform to A.S.T.M. Designation A615 Grade 60 and shall be epoxy coated.

RAIL: Shall meet the material and finish requirements for Guardrail-Type IV. See specifications for criteria.



EQUIPMENT PLAN

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER
DOUGLAS AVENUE BRIDGE
OVER ARKANSAS RIVER
ELECTRIC CONTROLLER PAD
CITY OF WICHITA PROJECT NO. 472-82721

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

Designed by	RAS	Checked by	RAS	
Drawn by	JGP	Date	Febr., 1999	Job No. 95088-9

i:/1995/95088/douglas/revised/hdwlelec
Date Plotted: ras 2-10-99
Deliver to: