

P.O.T. #4 Sta. 8+75.16
 1. Set P.K. Nail
 2. Chis. "x" on Top of Curb 17.17' S.
 3. Chis. "x" on Top of Curb 45.59' N.W.
 4. Chis. "x" on Top of Curb 44.82' N.

P.O.T. #3 Sta. 12+99.88
 1. Set P.K. Nail
 2. P.P.
 3. Chis. "x" on Sidewalk 63.88' S.S.W.
 4. Chis. "x" on Top of Curb 33.54' S.S.W.
 28.61' N.E.

SHEET NO.	TOTAL SHEETS
2	50

DRAINAGE DATA

Design Frequency 10-50 Yr.
 Design Discharge 5,500 cfs
 Average Design Velocity 2.4 fps
 Design High Water Elevation 1300.6 Ft.
 Total Waterway Provided 2,948 Sq. Ft.
 Design Waterway Provided 2,316 Sq. Ft.

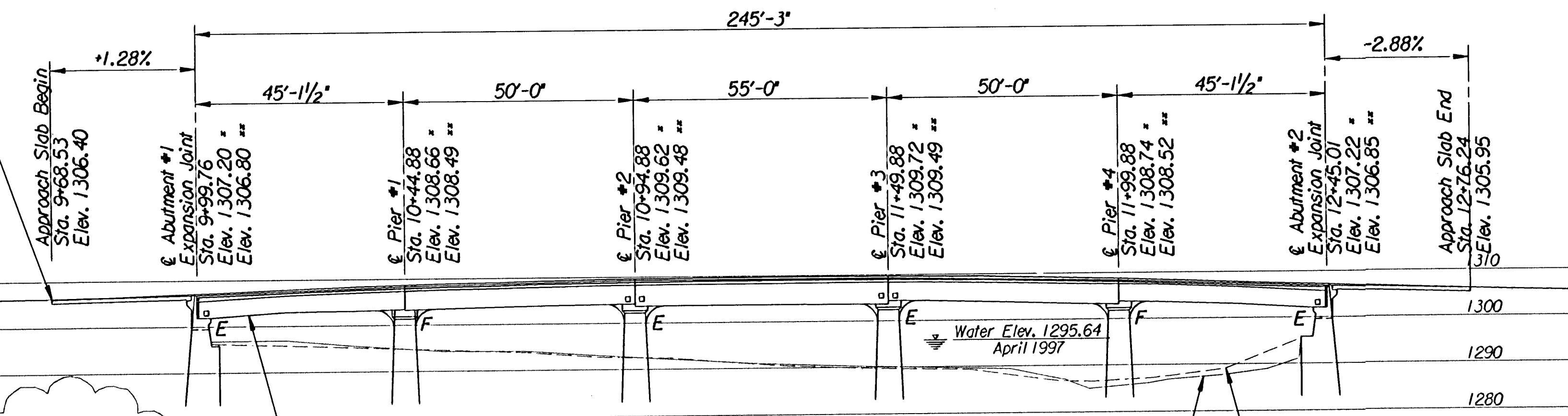
LEGEND

- Deck Core
- Existing Crown Grade at Top of Asphalt
- Proposed Crown Grade
- ▨ Milled Area

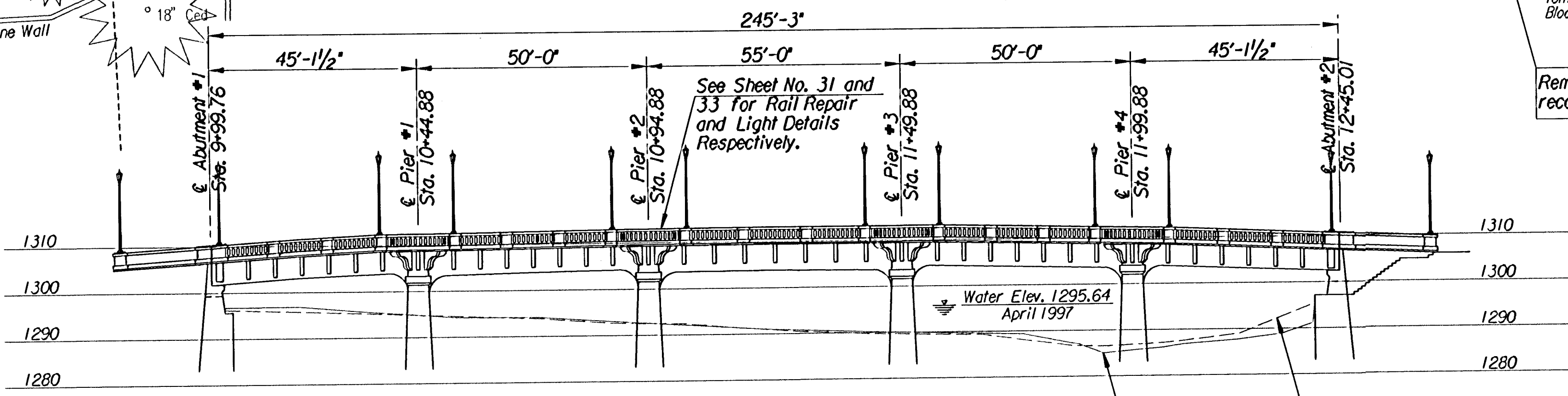
Core B-1 Location: 16' Rt. of Bridge (West End)
 5 1/2" Asphalt
 8" Concrete
 5 1/2" Top of Concrete to Top of Reinforcing

Core B-2 Location: Center of Bridge on E
 8 3/4" Asphalt
 9 1/4" Concrete
 7 1/4" Top of Concrete to Top of Reinforcing

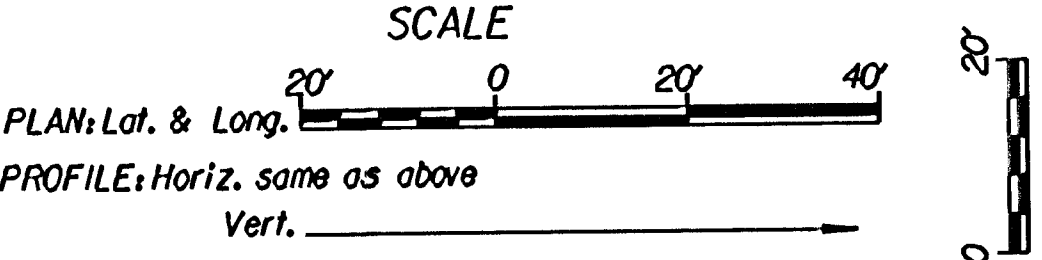
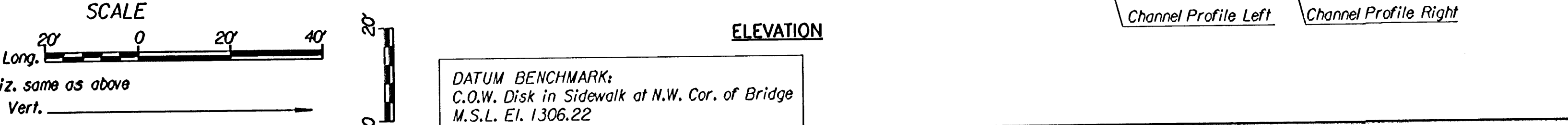
LONGITUDINAL SECTION AT Q BRIDGE



PLAN



ELEVATION



DATUM BENCHMARK:
 C.O.W. Disk in Sidewalk at N.W. Cor. of Bridge
 M.S.L. El. 1306.22

EXISTING BRIDGE:

Spans: 45'-11/2", 50'-0", 55'-0", 50'-0", 45'-11/2"

Type: Simple Span R.C. Beams Monolithic with 8" Roadway Slab. Footing supported on Timber Piles. 40'-0" Roadway with 12'-0" Sidewalks Left and Right. Elevations shown on Longitudinal Section are existing Top of Asphalt elevations.

Bridge No.: 5304008700LAR30.

No.	Revisions	By	Date
1			
CITY OF WICHITA, KANSAS JAMES L. ARMOUR, P.E., ACTING CITY ENGINEER MURDOCK BRIDGE OVER LITTLE ARKANSAS RIVER CONSTRUCTION LAYOUT CITY OF WICHITA PROJECT NO. 472-83895			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	R.A.S.	Checked by	R.A.S.
Drawn by	R.A.S./W.L.L.	Date	July 2003
		Job No.	96940-2

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 drawn by : ras/wll
 plotted by : ras 3-20-2004