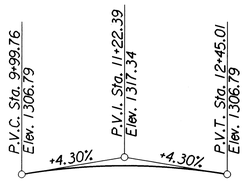
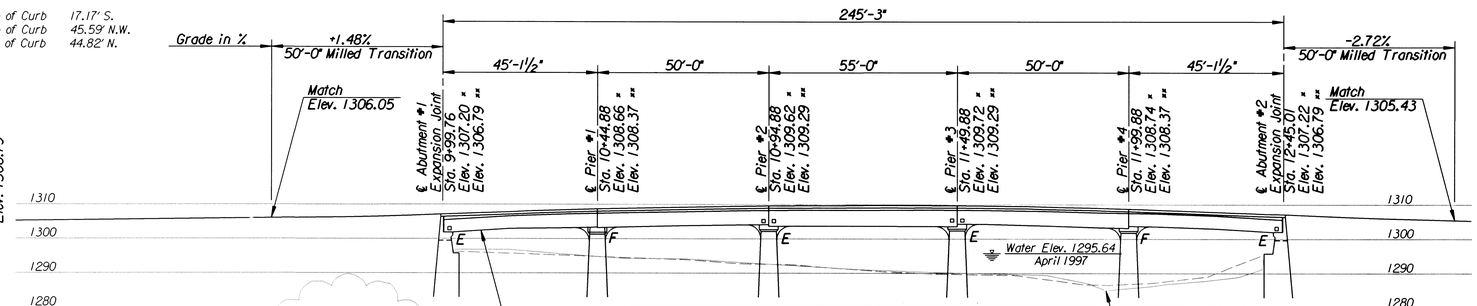
P.O.T. ✦4 Sta. 8+75.16
1. Set P.K. Nail
2. Chis. "+" on Top of Curb 17.17' S.
3. Chis. "+" on Top of Curb 45.59' N.W.
4. Chis. "+" on Top of Curb 44.82' N.

P.O.T. ✦3 Sta. 12+99.88
1. Set P.K. Nail
2. Spike in East Face of P.P. 24.33' S.S.E.
3. Chis. "+" on Sidewalk 33.54' S.S.W.
4. Chis. "+" on Top of Curb 28.61' N.E.

SHEET NO.	TOTAL SHEETS
4	33



PROPOSED GRADE



LONGITUDINAL SECTION AT ℄ BRIDGE

DRAINAGE DATA

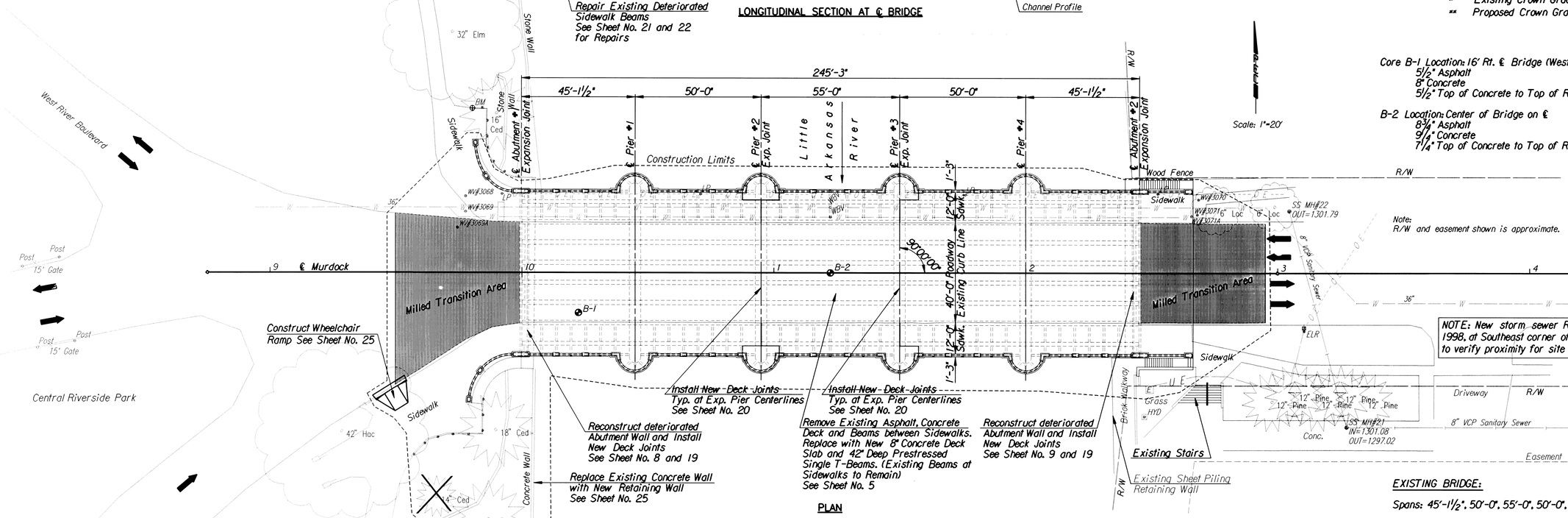
Design Frequency	10-50 Yr.
Design Discharge	5,500 cfs
Average Design Velocity	2.4 fps
Design High Water Elevation	1300.6 Ft.
Total Waterway Provided	2,948 Sq. Ft.
Design Waterway Provided	2,316 Sq. Ft.

LEGEND

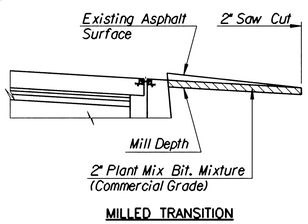
- ⊕ Deck Core
- × Existing Crown Grade at Top of Asphalt
- ×× Proposed Crown Grade

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

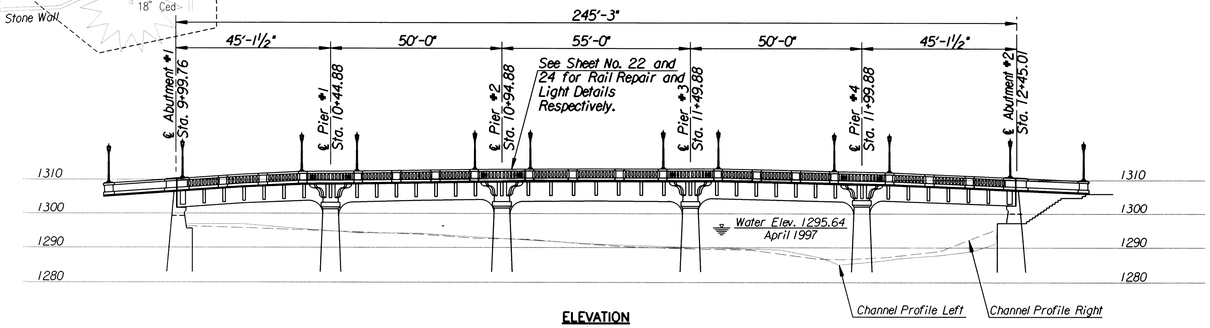
B-2 Location: Center of Bridge on ℄
8¾" Asphalt
9¼" Concrete
7¼" Top of Concrete to Top of Reinforcing



PLAN



MILLED TRANSITION



ELEVATION

PROJECT BENCHMARK:
C.O.W. Disk in Sidewalk at N.W. Cor. of Bridge
City Datum El. 118.82 M.S.L. El. 1306.22

EXISTING BRIDGE:

Spans: 45'-1½", 50'-0", 55'-0", 50'-0", 45'-1½"

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
MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER
MURDOCK BRIDGE
OVER LITTLE ARKANSAS RIVER
CONSTRUCTION LAYOUT
CITY OF WICHITA PROJECT NO. 472-82785

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

Designed by	R.A.S.	Checked by	R.A.S.
Drawn by	R.A.S./W.L.L.	Date October 1998	Job No. 96940

usr/ustn/dgn/1996/96940/layout1.dgn
drawn by : ras/wll
plotted by : ras 12-29-98