

SHEET NO.	TOTAL SHEETS
4	33

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.

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. of Bridge (West End)
5 1/2" Asphalt
8" Concrete
5 1/2" Top of Concrete to Top of Reinforcing

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

Note:
R/W and easement shown is approximate.

NOTE: New storm sewer RCB installed, Fall of 1998, at Southeast corner of bridge. Contractor to verify proximity for site use.

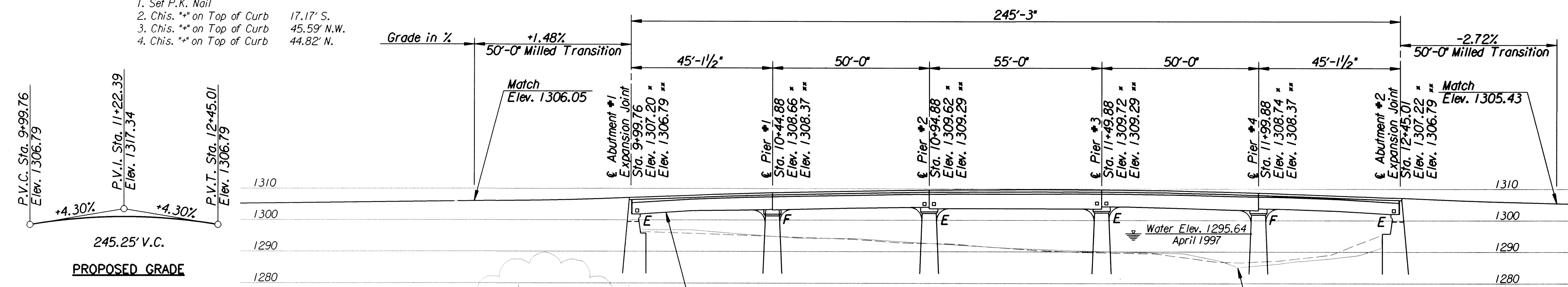
EXISTING BRIDGE:

Spans: 45'-1 1/2", 50'-0", 55'-0", 50'-0", 45'-1 1/2"

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.

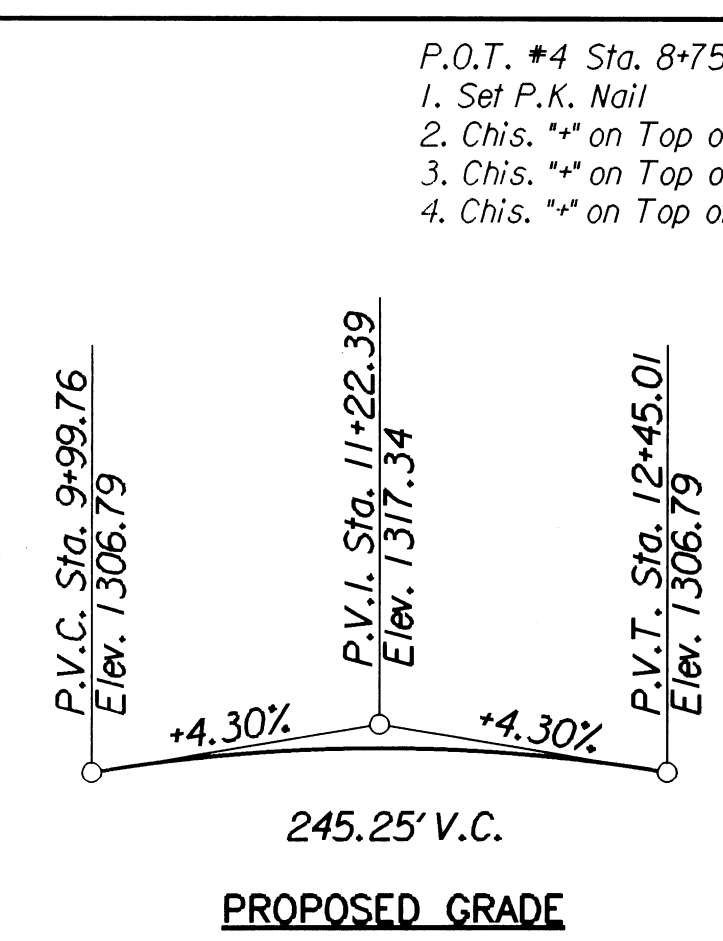
Bridge No.: 5304008700LAR30.

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

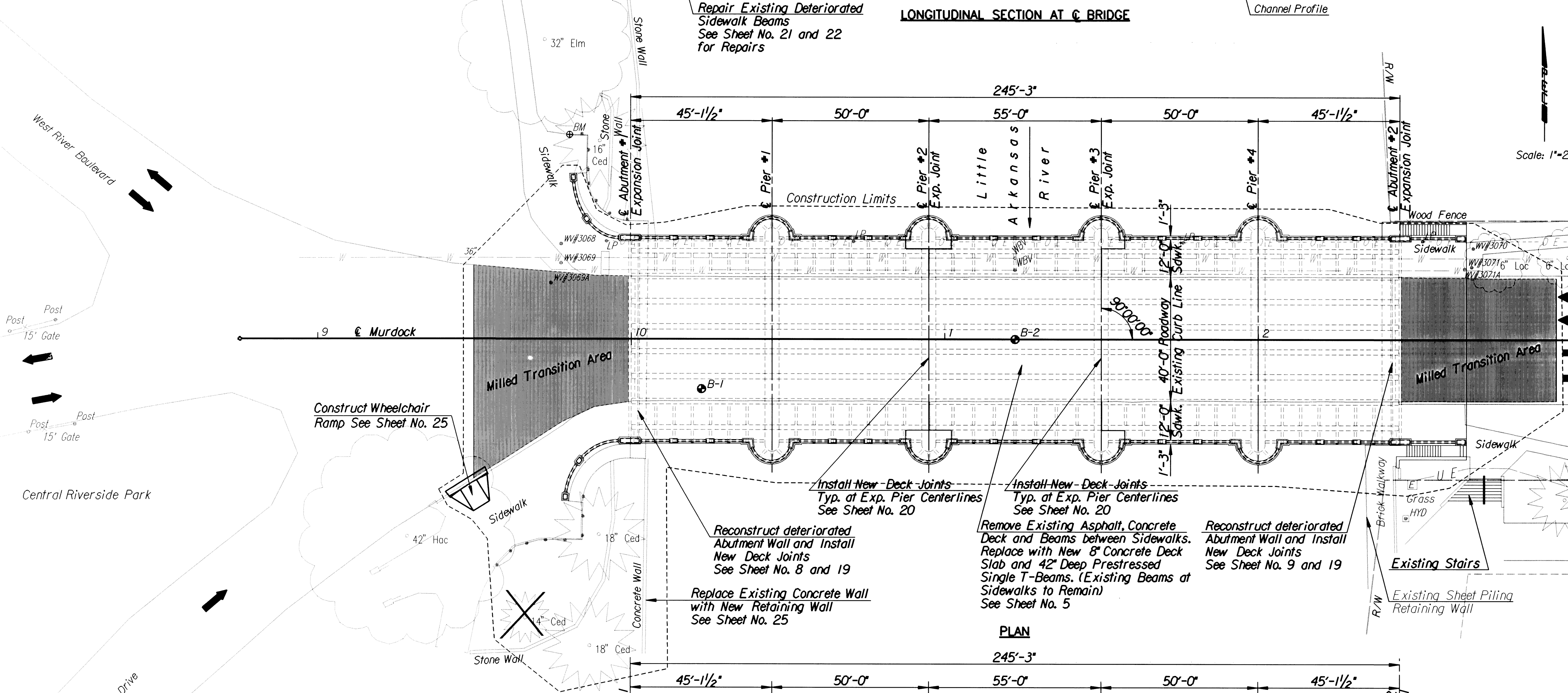


LONGITUDINAL SECTION AT E BRIDGE

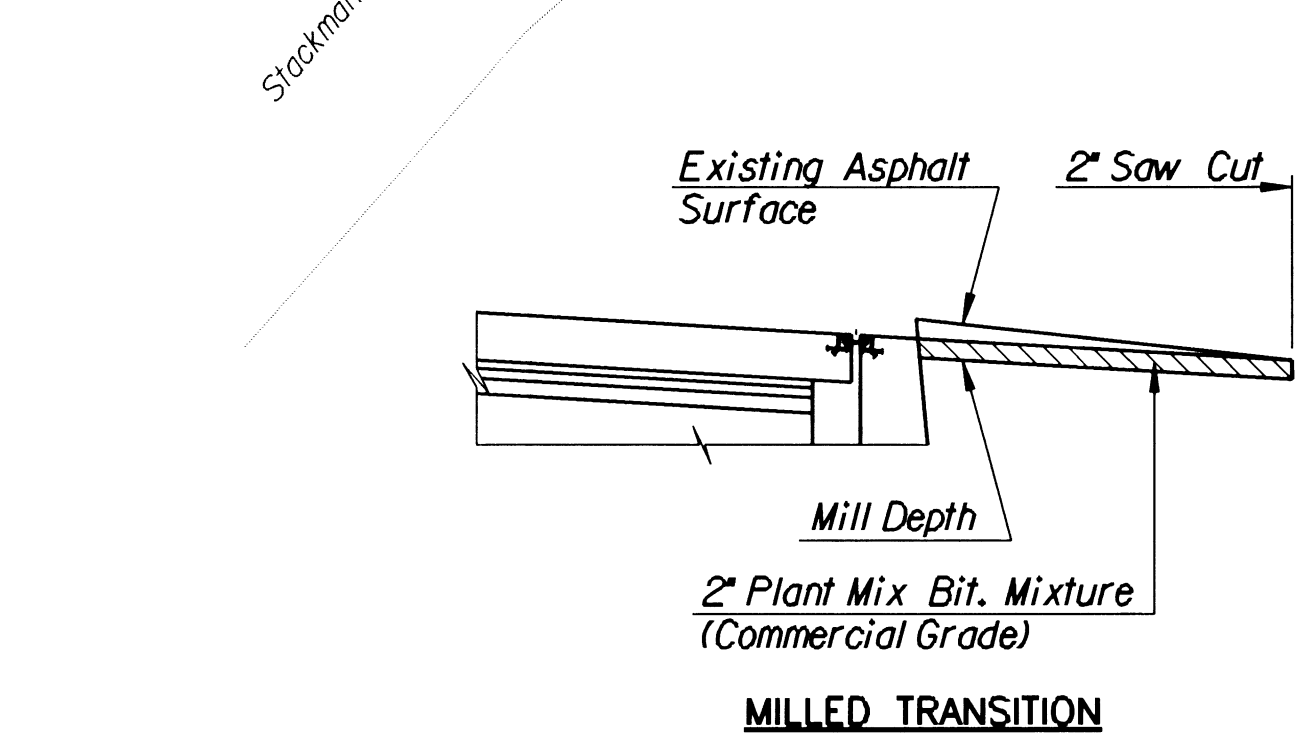
Repair Existing Deteriorated Sidewalk Beams See Sheet No. 21 and 22 for Repairs



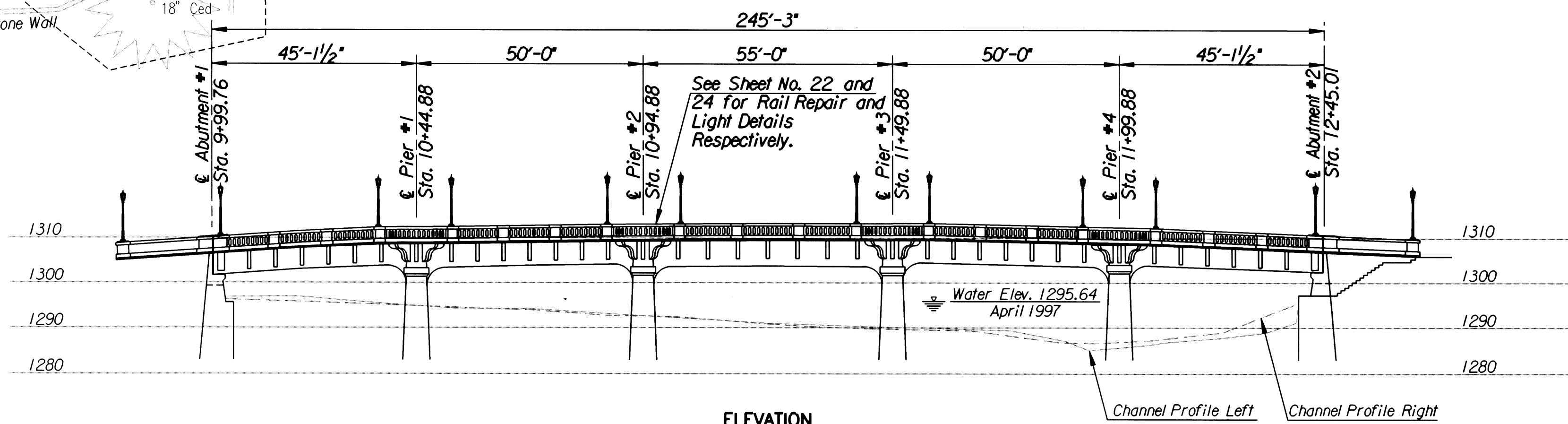
PROPOSED GRADE



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

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