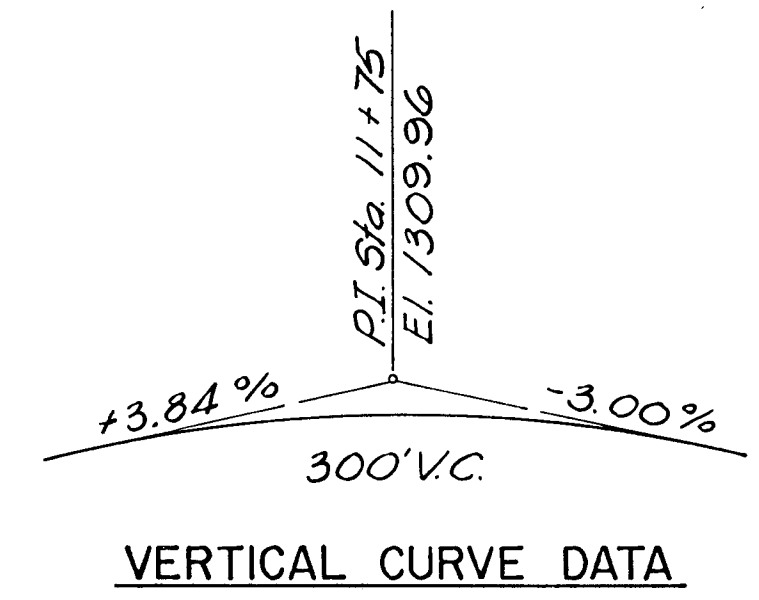


SHEET NO.	TOTAL SHEETS
4	17

$$247 \times 28 \times 1.1 = \underline{27}$$


LOADING: HS 20-44 AASHTO Specifications, Edition of 1973.

UNIT STRESSES: $f'_c = 4,000 \text{ p.s.i.}$; $f_c = 1,600 \text{ p.s.i.}$;
 $f_s = 20,000 \text{ p.s.i.}$

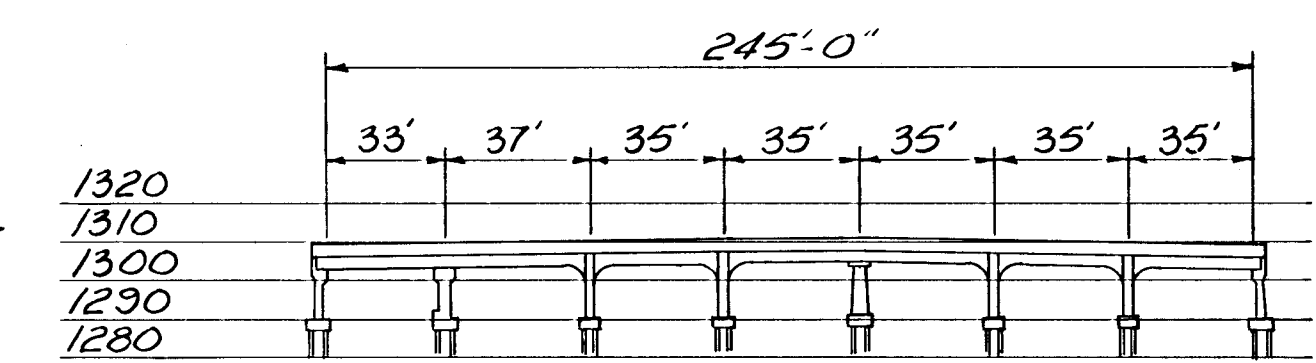
EMBANKMENT: The Contractor shall complete the embankment after the abutments have been constructed.

BRIDGE EXCAVATION: Elevation 1236.5 shall designate the Excavation Boundary Plane of Class I and II Excavation. Class I above the Plane, Class II below. See Bridge Excavation sheet for limits of pay excavation.

SOUNDINGS: The soundings shown on these plans are taken from notes obtained in the field and represent the best information to the City of Wichita Kansas. The logs of these soundings are available for review by prospective bidders at the office of the City Engineer; at the Consulting Engineer's Office, 1440 E. English, or at Allied Laboratories, 203 South Ellis.

PILES: All piles shall be driven to a penetration into shale unless in the opinion of the Engineer such penetration cannot be obtained without injury to the pile. All piles shall be driven to a minimum computed bearing value as follows:
Abutment Wing Footings 39 Tons / Pile; Abutment Frontwall 48 Tons / Pile; Piers 51 Tons / Pile

REMOVAL OF EXISTING STRUCTURE: The Contractor shall remove the existing structure (T @ 35' ± Concrete T-beam spans, concrete abutments and piers) prior to construction of the new bridge. Existing piles shall be removed to a minimum elevation of 1285.00.



CITY OF WICHITA KANSAS
R.W. LINN, P.E. CITY ENGINEER
CONSTRUCTION LAYOUT
WOODMAN BRIDGE
OVER THE LITTLE ARKANSAS RIVER
CITY OF WICHITA PROJECT NO. DAKB 576042

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

WICHITA, KANSAS			
Designed by		Checked by	
Drawn by		Date	Job No.