

DAKB 574005



The drawing consists of two parts: a cross-section on the left and a plan view on the right.

Cross-section (Left): Shows a vertical slab with a total height of 66" 4 1/2". The top reinforcement is labeled L's 2# x 2# x 8' x 0' 9". The bottom reinforcement is shown with four bars: two 2" wide bars on the outside and two 4" wide bars in the center. A dimension of 38" 4" is indicated for the distance from the top edge to the center of the bottom bars.

Plan View (Right): Shows the top of the slab with a central section of four bars. A dimension of 38" 4" is indicated for the distance from the center of the bars to the edge. A note below the plan view states "Center on projecting bars".

CONNECTION DETAIL AT FIXED PIERS

Hand-drawn structural diagram of a beam cross-section showing reinforcement details. The diagram includes the following labels and dimensions:

- Top Left:** $12" \text{ clr.}$ (clearance)
- Top Center:** 2 Spcs. (2 spaces)
- Top Right:** $6" \text{ } \#4 \text{ Stirrups}$
- Bottom Left:** $6" \times 4\frac{1}{2}"$ (overall dimensions)
- Bottom Center:** $4 \times \frac{3}{4}"$ (reinforcement bar size)
- Bottom Right:** $6" \times 9 \times 7'-0"$ (overall dimensions)
- Bottom Far Right:** $\text{clr. strands by } 2"$ (clearance for strands by 2 inches)
- Internal Labels:**
 - $\text{at } 1'$ (at 1 foot)
 - $\#5 \text{ Stirrups}$ (5mm stirrups)

END DETAIL PIERS 1 & 6

END DETAIL PIERS 2,3,4 & 5

CITY OF WICHITA, KANSAS
R.W. LINN, P.E., CITY ENGINEER

FIRST STREET BRIDGE OVER
THE ARKANSAS RIVER

PRESTRESSED BEAM DETAILS

DELAMATER, FREUND & SCHERER, P.A.
CONSULTING ENGINEERS
WICHITA, KANSAS

SCALE	DATE <i>June, 1974</i>	DWG. NO. 89-G-16
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