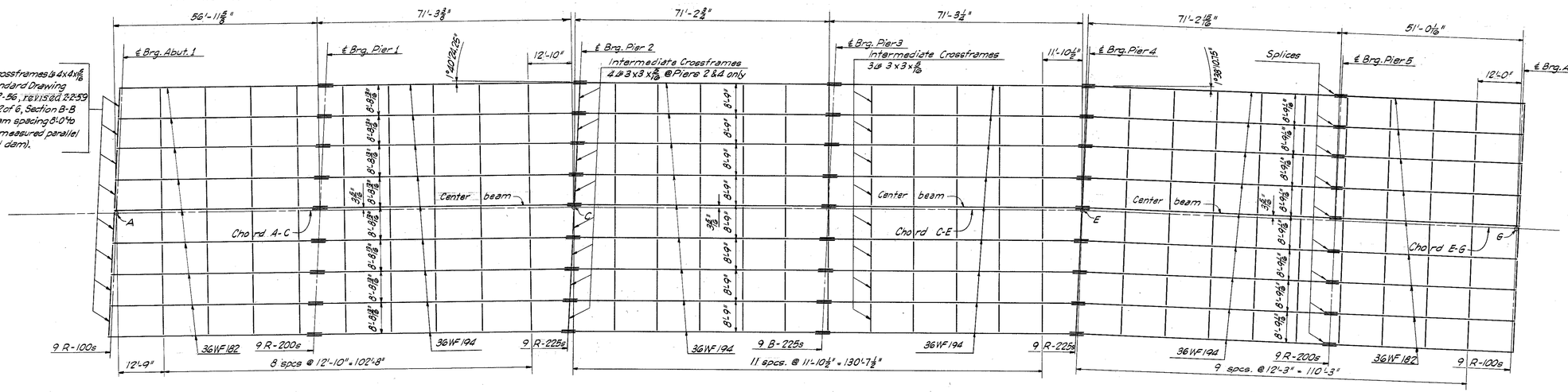
FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	I-1103(20)	

311
333

LAKE COUNTY
LAK-I-4.02



STEEL FRAMING PLAN

Note:
Bolsters and Rockers
Omit ½" thick keeper bar at each end of standard rocker and bolster caps for the exterior and 1st interior girders in order to allow for transverse expansion. Rockers and bolsters for all other girders to be in accordance with Standards.

DECK PLACING PROCEDURE

In placing the deck concrete, construction joints will be permitted, parallel to the transverse reinforcing steel and near the middle of any span. Because of the flow of curing water from the surface of previously-placed deck concrete, the sequence of pours shall be upgrade, starting at the lowest end (or ends) on an inclined grade or vertical curve (or at an intermediate low point for a sagged vertical curve).

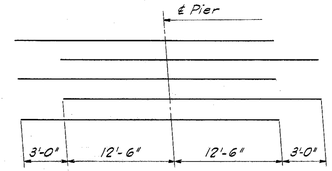
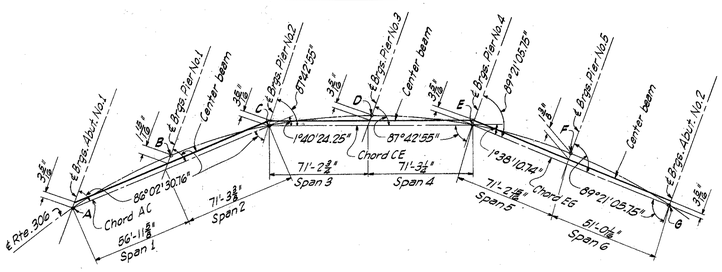


DIAGRAM SHOWING STAGGER OF S604 BARS OVER PIERS

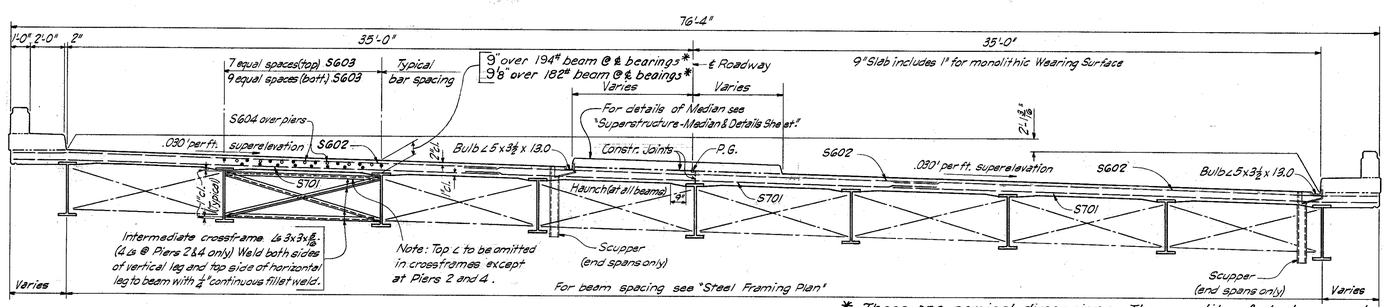
Note:
¼" expansion joints in parapet. See General Plan and Elevation for spacing.

All longitudinal bars S603 except as otherwise shown. Lap S603 bars 1'-11" minimum

PARAPET & SAFETY CURB DETAIL

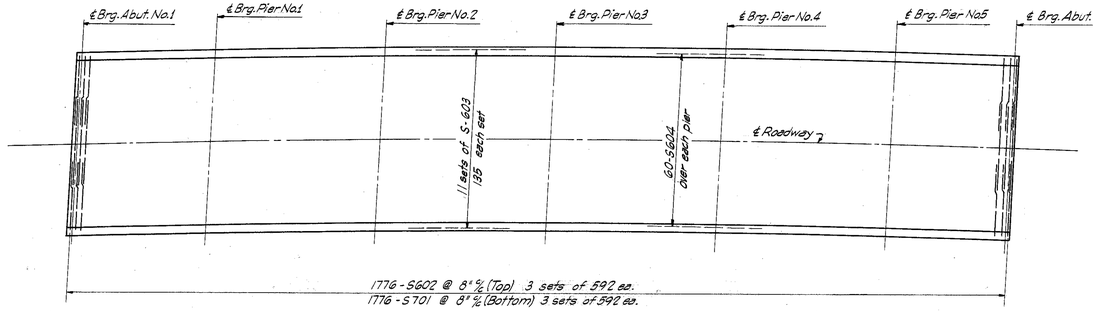


LAYOUT DIMENSIONS



RADIAL TRANSVERSE SECTION
LOOKING AHEAD STATIONS

* These are nominal dimensions. The quantity of deck concrete to be paid for shall be based on these dimensions, even though deviation from them may be necessary because the flange of the beam may not have the exact camber or configuration required to place it parallel to the finished grade.



DECK SLAB PLAN

GENERAL NOTES

- Refer to Standard Drawing CSB-2-56 Sheet 2 of 6 for details of end dam.
- Refer to Standard Drawing CSB-2-56 Sheet 3 of 6 for gutters, scuppers and curb plate details.
- Refer to Standard Drawing RB-1-55 for detail of Rocker and Bolster.
- Concrete and reinforcing steel above parapet construction joints included with railing for payment.
- Joints in End Dam: Joints in the end dam attached to the Superstructure shall be welded. The portion attached to the backwall shall be placed in segments which shall be closely butted, but shall not be welded.
- Concrete shall be Class "C".

Work this sheet with "Superstructure - Median and Details" sheet.

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

SUPERSTRUCTURE
PLAN AND SECTION
BRIDGE NO. LAK-I-0665
UNDER STATE ROUTE 306

LAKE COUNTY STA. 358+74.33

Designed	Drawn	Traced	Checked	Reviewed-Date	Revised
C.P.J.	Y.G.	A.D.	J.V.W.	W.R.B. 4-28-58	