FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

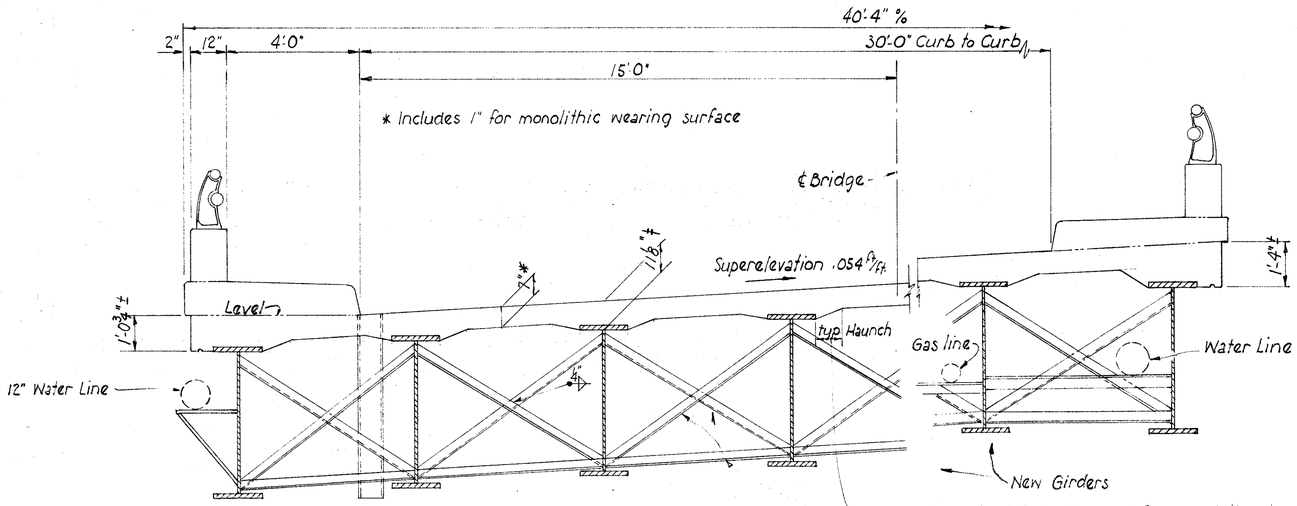
12/15

LAKE COUNTY
LAK-283-4.70

	℄ Pier 3	¼ Pt.	½ Pt.	¾ Pt.	℄ Abut.
Deflection due to dead load of steel	0	7/16"	5/8"	7/16"	0
Deflection due to remaining D.L	0	1"	1 3/8"	1"	0
Adjustment regd. for horiz. curve	0	-9/16"	-3/4"	-9/16"	0
Sum = required camber	0	7/8"	1 1/4	7/8"	0
Elevations prior to placing Deck					
Face of curb Left	590.29	590.37	590.40	590.37	590.29
℄ of deck	591.10	591.18	591.21	591.18	591.10
Face of curb Right	591.91	591.99	592.02	591.99	591.91

See sketch on sheet 7/9

DECK ELEVATIONS, CAMBER AND DEFLECTIONS FOR SPAN 4



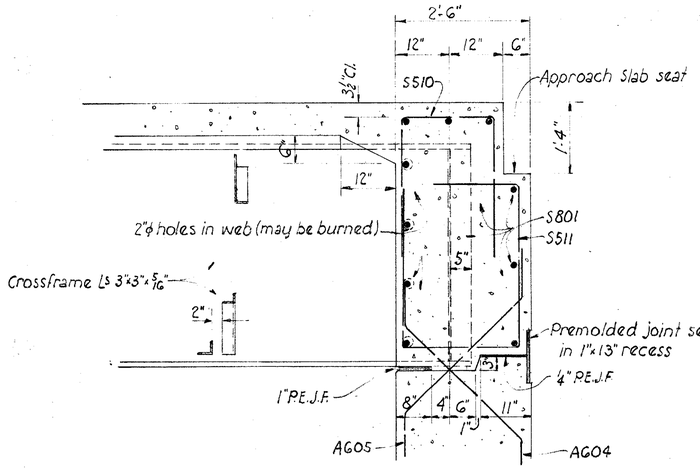
PARTIAL TRANSVERSE SECTION - SPAN 4

For additional details see sheet 5/9

† The 10¼" is a nominal dimension from the top of the slab to the top of the girder web. It is the dimension used to determine the quantity of concrete to be paid for, less the volume of the encased top flange. The actual dimension may vary because the top flange of the girder may not have the exact camber or conformation necessary to place it parallel to the finished grade.

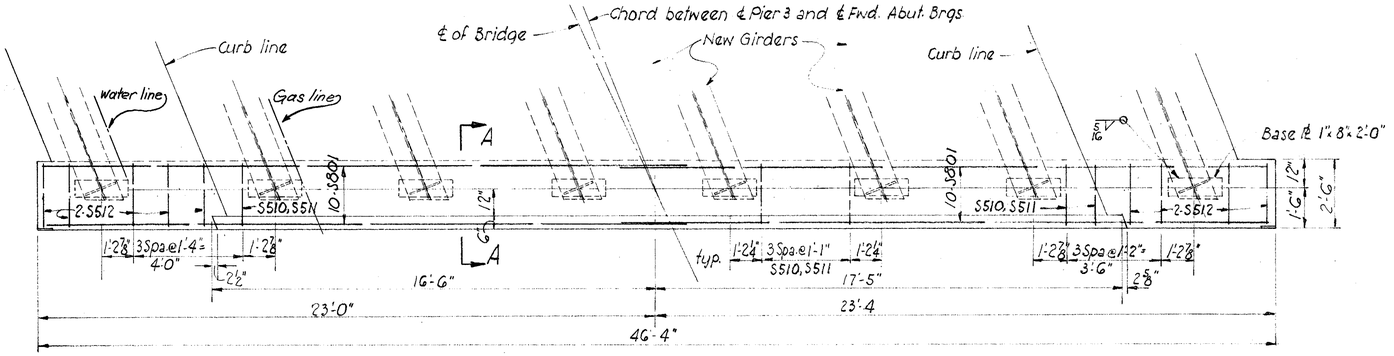
An haunch width of 9" shall be used for calculating the quantity of concrete. However the haunch width may vary between 6" and 12" provided that the slope shall not be greater than 1:4 for an haunch less than 9" wide.

Intermediate crossframes consist of 3 Ls 3"x3"x 5/16". Weld the top side of the horizontal leg and both sides of the vertical leg to the web with a ¼" continuous fillet weld.



SECTION A~A

For spacing of AG04 & AG05 bars see sheet 4/9



DECK PLAN AT FORWARD ABUTMENT

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

6/9

SUPERSTRUCTURE DETAILS
BRIDGE NO. LAK-283-0472
Over CHAGRIN RIVER

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.D.R	J.D.R.		W.C.K.	B.F.G.	7-22-70	