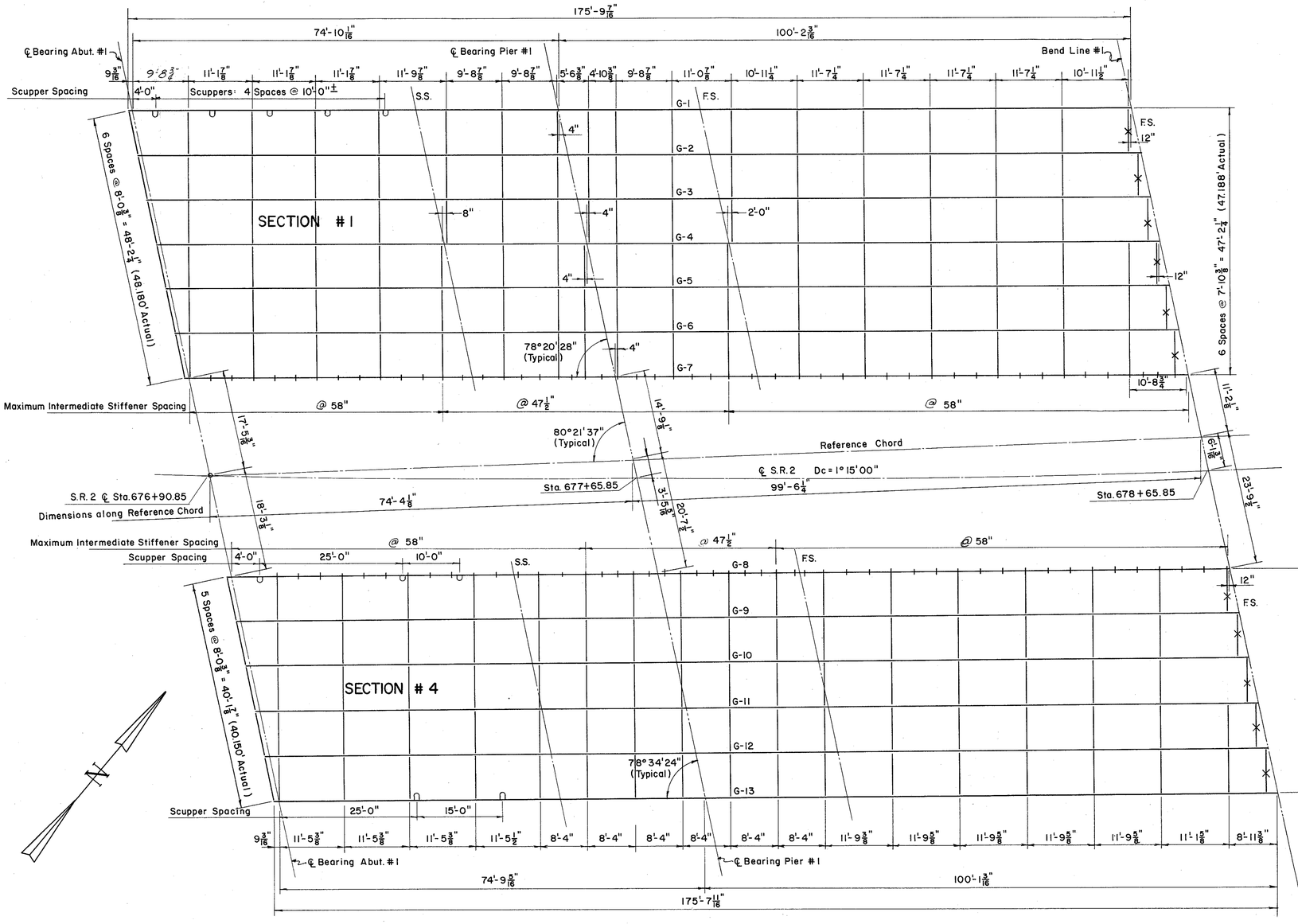
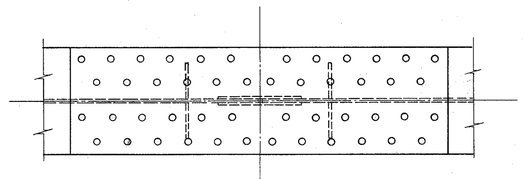
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

314
384

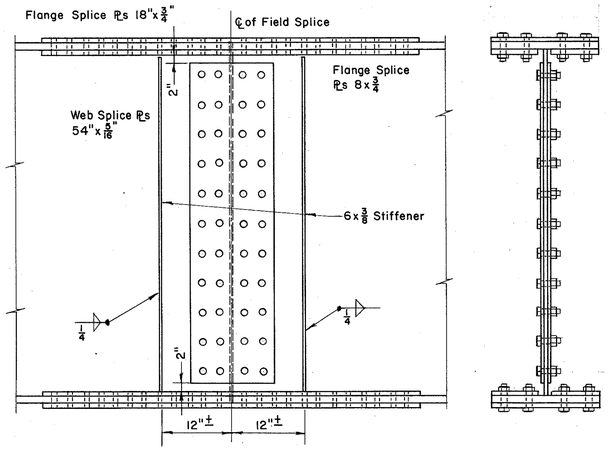
LAKE COUNTY
SEC. LAK-2-14.22



STEEL FRAMING DETAILS FOR SECTIONS 1 & 4



PLAN



ELEVATION

SECTION

FIELD SPLICE DETAILS TYPICAL

NOTES:

See "Steel Framing Plan" for location of field splices. Use one or two pairs of stiffeners per field splice as shown on "Framing Plans". Weld stiffeners at field splices to clear bolt assembly and weld in place after splice is assembled.
Number of bolts: 48-7/8" ϕ high strength bolts per flange splice, 44-7/8" ϕ high strength bolts per web splice. Total number of bolts per field splice: 140.

Drawing showing girder erection procedures shall be submitted with shop drawings.
Crossframes are normal to girders.
Splice plates at Bend Point-Field Splices shall conform to the respective bend angles.
Scuppers shall clear crossframes by 6".
✱ Denotes special crossframe see ("Deck Detail" Sheet Left Bridge).
S.S. = Shop Splice.
F.S. = Field Splice.
All holes to be 15/16" ϕ.

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

FRAMING PLAN DETAILS, SECTION 1 & 4
BRIDGE NO. LAK-2-1471 L.& R.
RELOC. S. R. 2 OVER B.&O. R.R.- S.R. 283
LAKE COUNTY
STA. 680 + 56.97

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
H.C.M	MMR	RR	WCP L.P.		