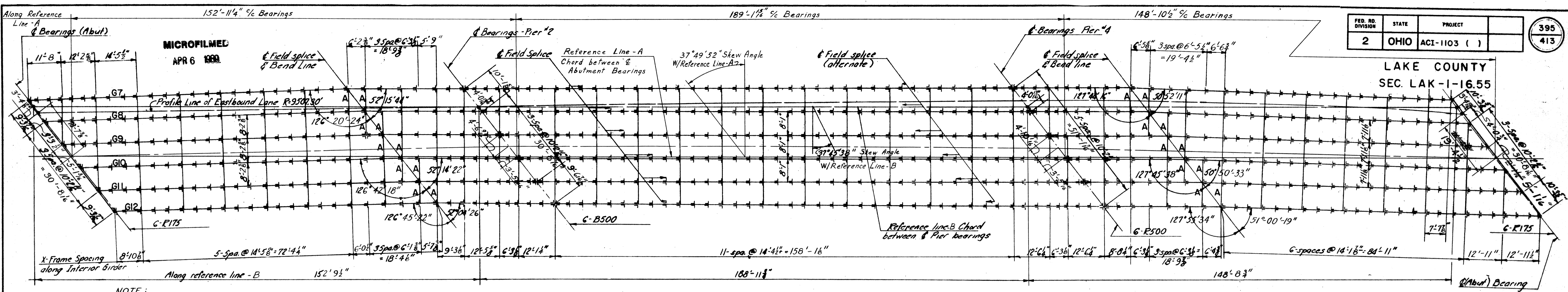
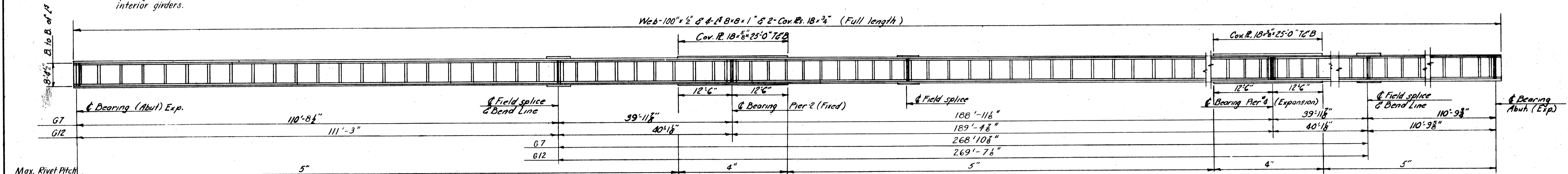


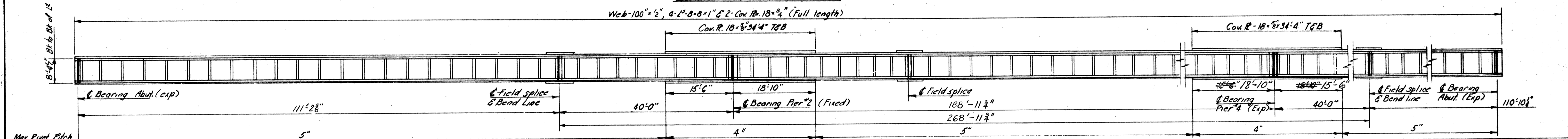
LAKE COUNTY
SEC. LAK-1-16.55



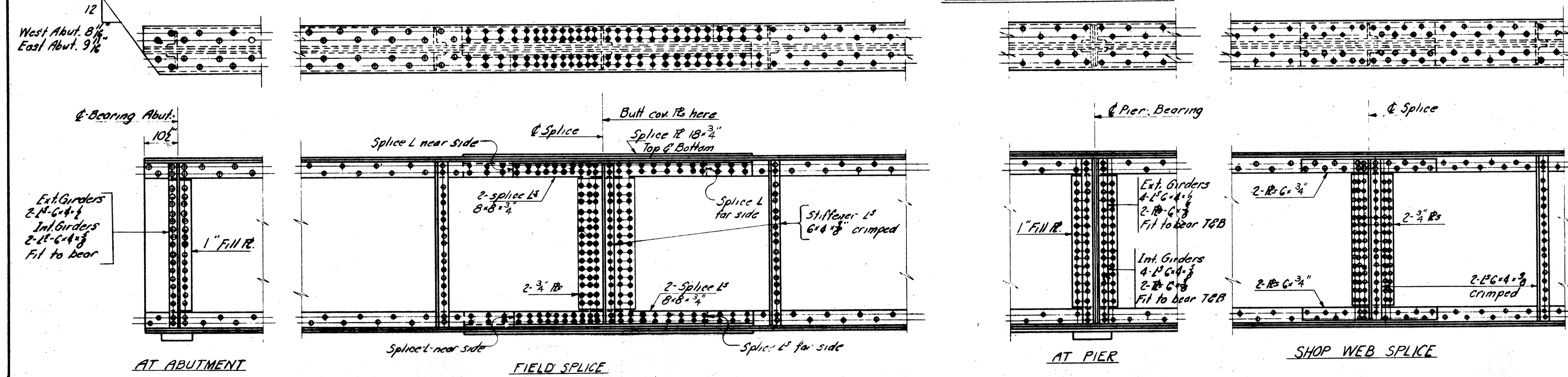
STEEL FRAMING PLAN



EXTERIOR GIRDERS - G7 & G12



INTERIOR GIRDERS - G8 thru G11



DEFLECTION & CAMBER

Grade Line	Bearing Abut. Splice Pt.		Bearing Pier 2 Splice Pt.		Bearing Pier 4 Splice Pt.		Bearing Abut. Splice Pt.	
	Int.	Ext.	Int.	Ext.	Int.	Ext.	Int.	Ext.
Deflection due to weight of steel	3/8"	1/2"	1/4"	1/4"	3/16"	1/4"	1/4"	3/8"
Deflection due to remaining dead load	5/8"	3/4"	1/2"	1/2"	5/16"	1/2"	5/8"	3/4"
Total Deflection & Eqpt. Camber	1"	1 1/8"	3/4"	3/4"	1/2"	3/4"	1"	1 1/8"

NOTES: See Sheet 396.
Revised 12-31-58

SEC. C-33 FED. AID PROJ. NO ACI-1103 (27)

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

STEEL FRAMING
BRIDGE NO. LAK-1-1905
S.R.I. OVER PAINE CREEK (SOUTH BRIDGE)
LAKE COUNTY
STA. 654+75

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
JHT	JHT		JRC		6-2-58 8-12-58