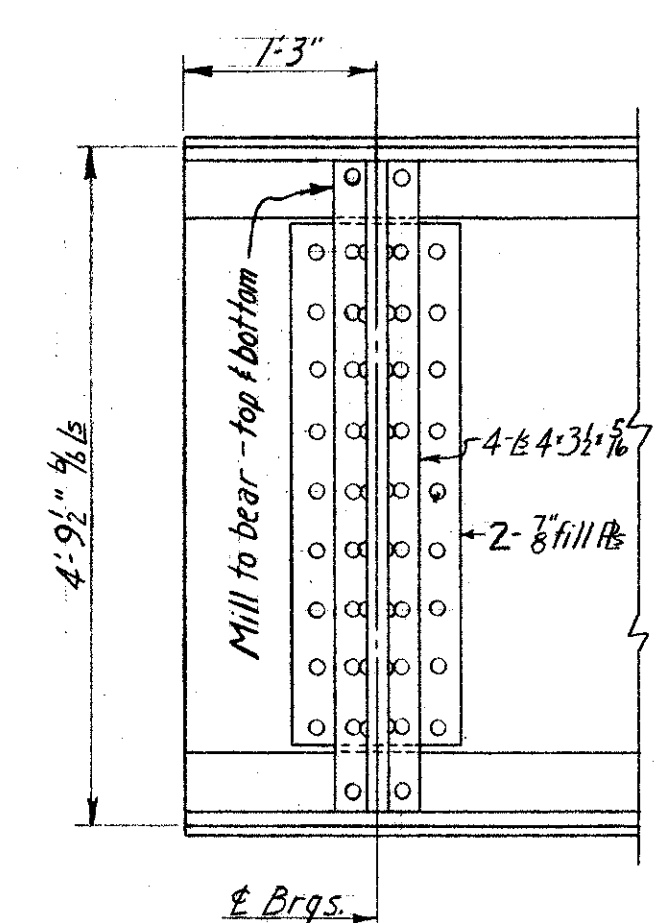
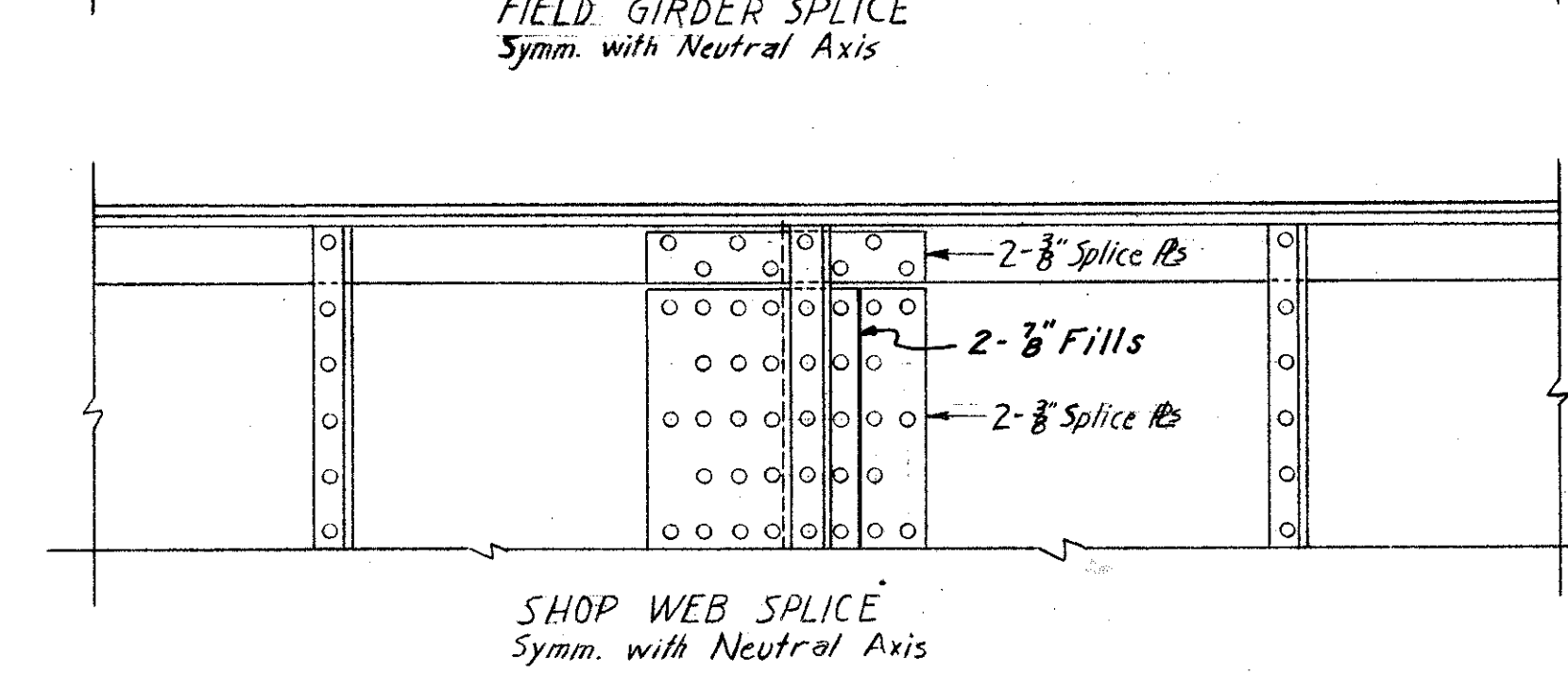
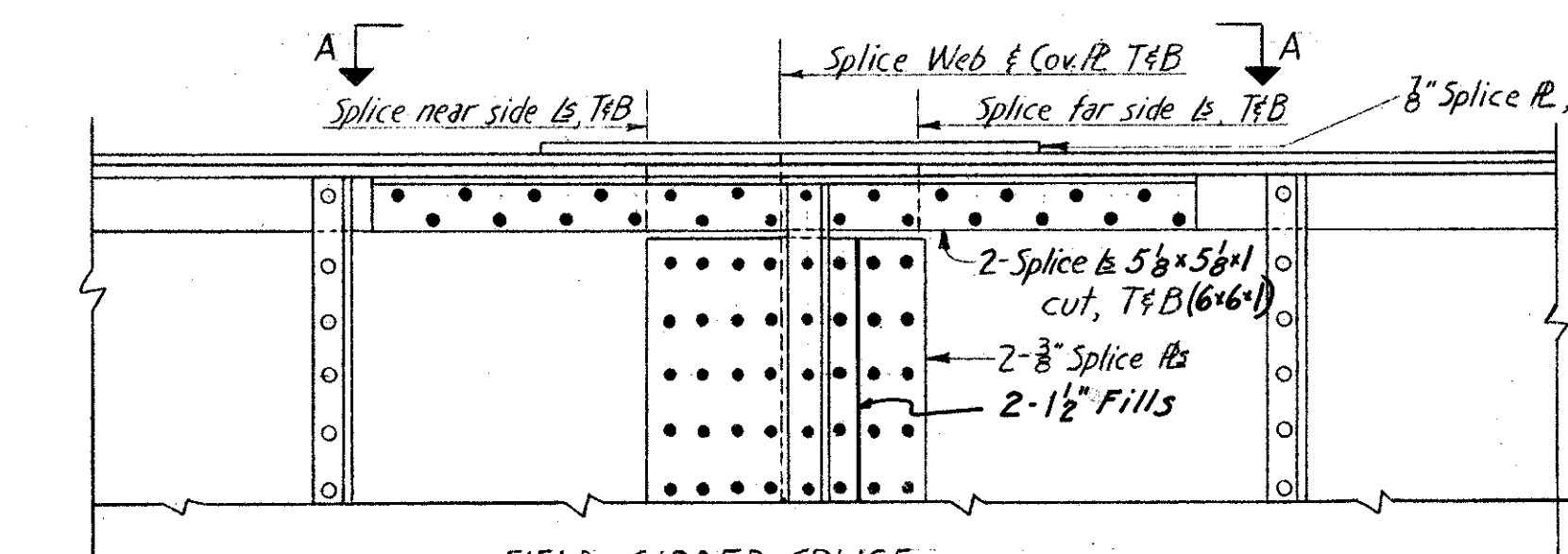
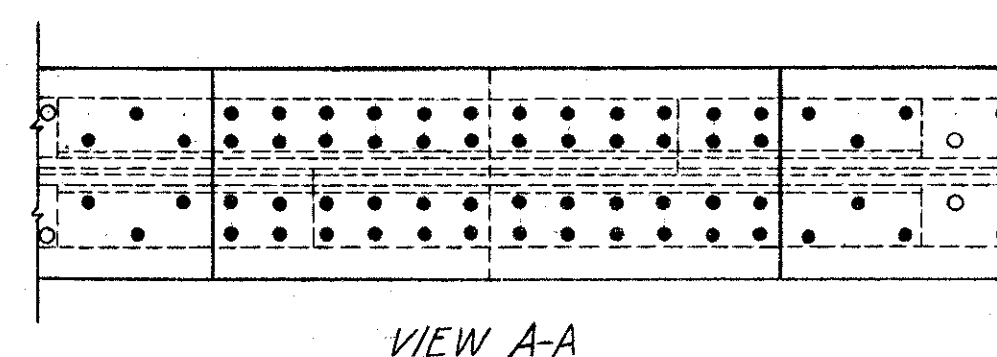
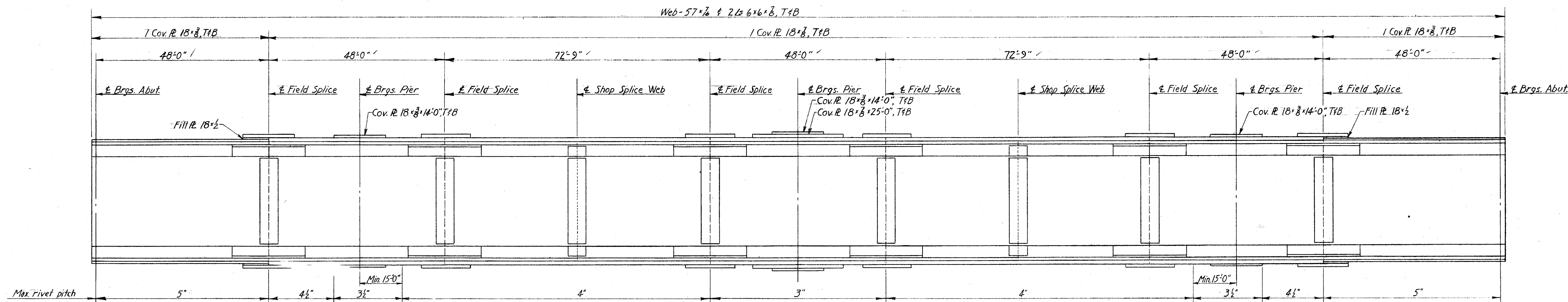
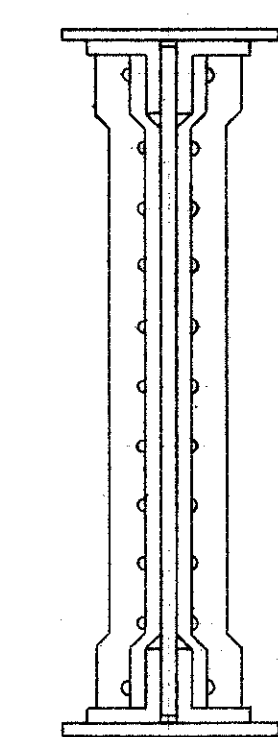


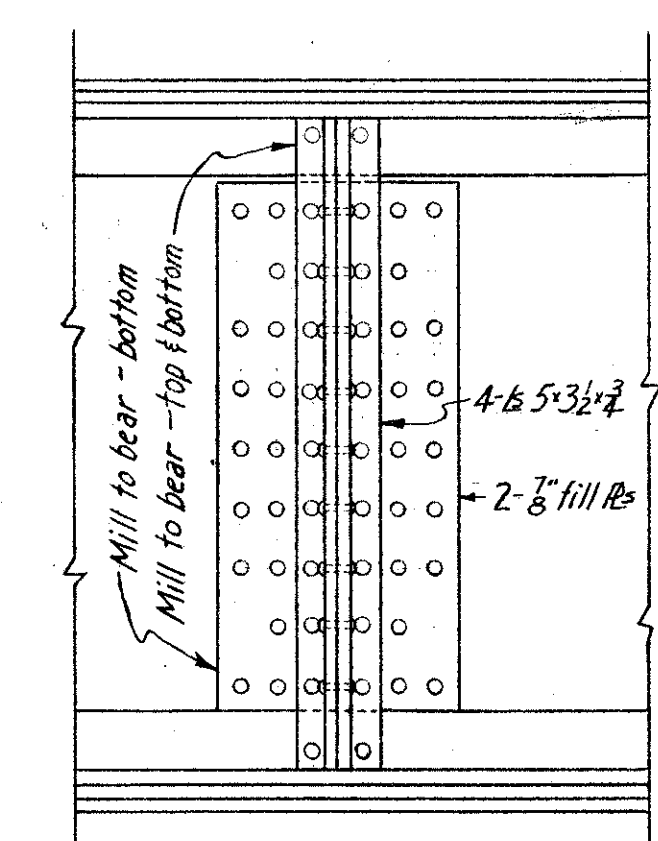
LAKE COUNTY  
SEC. LAK-2-4.42



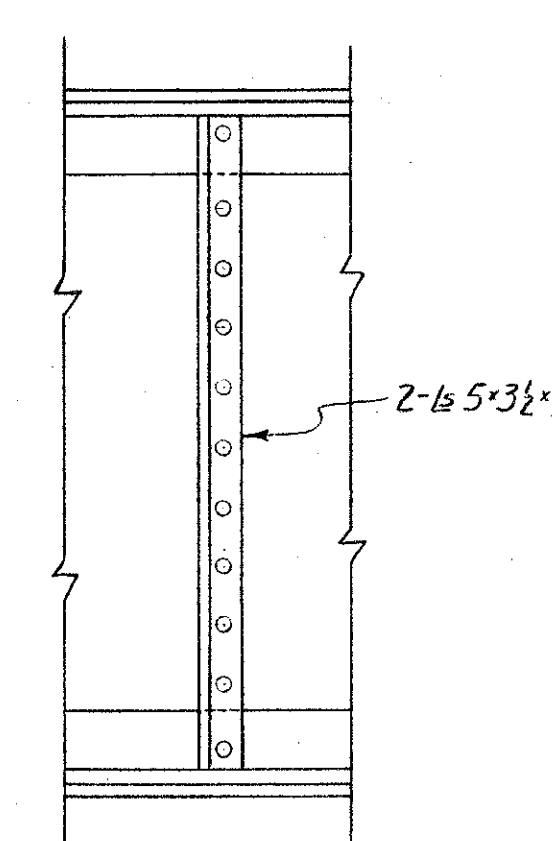
BRG. STIFFENERS AT ABUTMENTS



TYPICAL SECTION THRU GIRDER

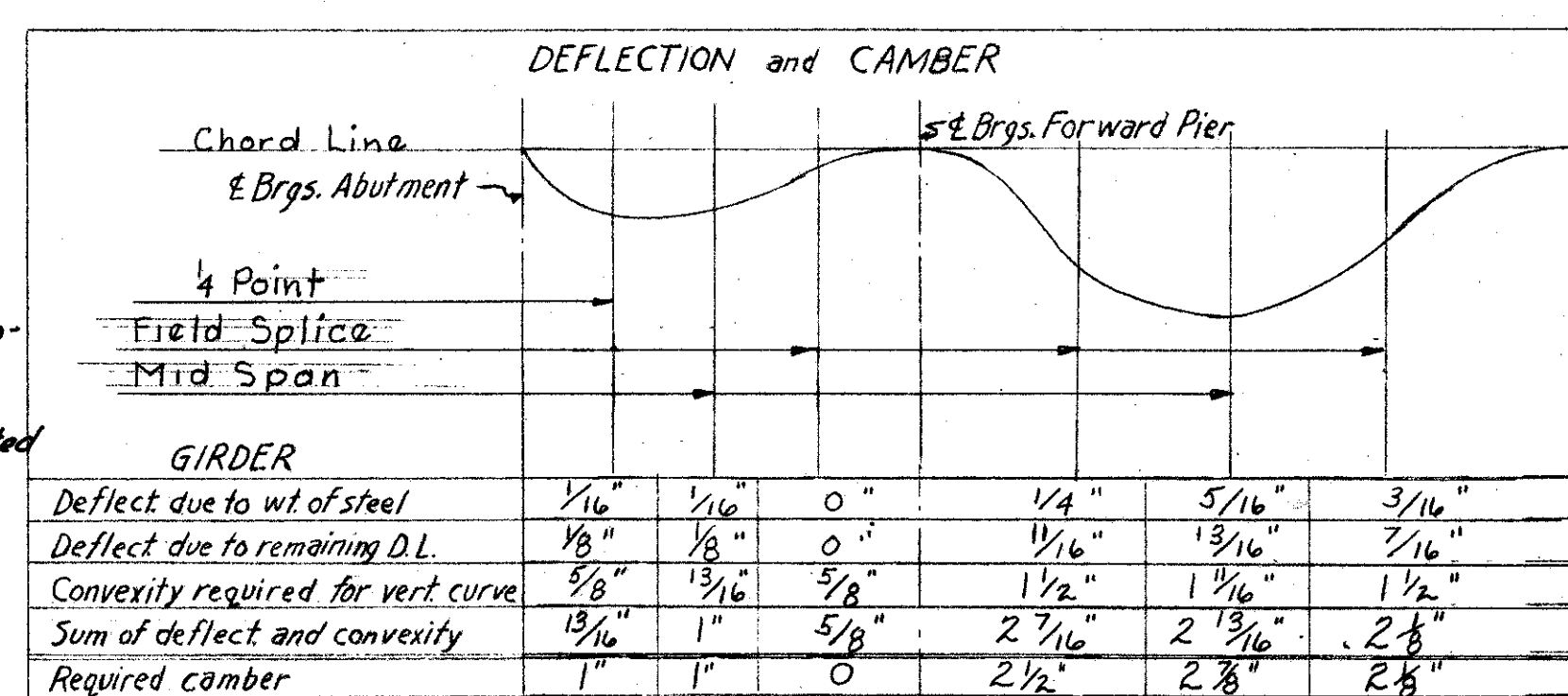


BRG. STIFFENERS AT PIERS



TYPICAL STIFFENERS

**Painting at Stiffener Crimps.** The requirement of the last portion of the last sentence in Sec. 5-7.14 of the Construction and Material Specifications which states "... and any remaining openings shall be filled with a metallic compound of a non-shrinking type before the shop coat is applied" shall not apply and the following requirement shall be substituted therefor: "Prior to the assembly of a girder the web plate, the flange angle and the stiffener angle at the location of the crimp in the stiffener angle shall be given a shop coat of paint."



**NOTES**  
Rivets shall be 3/4" unless otherwise noted.  
All dimensions shown are horizontal.  
All stiffeners shall be normal to the girder.

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

**GIRDER DETAILS**  
BRIDGE NO. LAK-2-0695  
S.R. 2 UNDER S.R. 306  
LAKE COUNTY  
STA. 264 + 76.40

DESIGNED	DRAWN	TRACED	CHECKED	REVISED	DATE	REVISED
	CWB					