



**RIVET PITCH:** -  
 For connecting the components of built-up compression members:  
 End three ft. of member max. pitch = 3".  
 For next three ft. of member gradually increase pitch to 5".  
 For remainder of member max. pitch = 5" for two staggered lines and 6" for one gage line.  
 For connecting the components of built-up tension members the max. pitch = 5" for two lines and 6" for one gage line.

**MILLING OF JOINTS:** -  
 Ends of chord sections and ends of verticals at piers, shall be milled.

**NOTE:**  
 Diaphragms shall be placed near the ends of members, built-up with plates & angles. Horizontal Diaphragms shall be placed in vertical members at bracing.

**NOTE:**  
 12" x 18" Perforation shall be placed in:  
 (A) Both Cover Pls. of top chord.  
 (B) Bottom cover Pl. of bottom chord.  
 (C) Both Cover Pls. of Box Section web Members.

This sheet is to be used for const. & supersedes Sh. No. (45) of Bidding Plans  
 SEC C14-B FED AID PROJ. NO. ACI-1101(24)

PREPARED BY  
 CAPITAL ENGINEERING ASSOCIATES, DILLSDURG, PA  
 FOR  
 STATE OF OHIO  
 DEPARTMENT OF HIGHWAYS.

TRUSS DETAILS  
 BRIDGE NO. LAK-1-2252  
 OVER GRAND RIVER

LAKE COUNTY  
 LAK-1-22.49

STA. 817+77.00

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISION