



For assemblies of stays and
truss connection see DWG BR150-11

PROCEDURE FOR ADJUSTING STAYS:

Assemble jack as shown, with 1/2 pin in first hole of jack plate and hole in socket.

Jack socket back until dial on pump reads 5000 or 4" of shims can be placed between socket and block BR150-3C. Use temporary shims BR150-17J and 17K and permanent shims BR150-3L, 3M, 3N and 3P. If dial on pump reads 5000 before socket is jacked back 4", place required thickness of shims between socket and block.

Release pressure in jacks by opening valve on pump. Jacks will automatically retract and 1/2 pin can be pulled.

If more than 4" of takeup is required, place 1/2 pin in second hole of jacking plate and hole in socket. Jack socket back until dial on pump reads 5000 or 4" of additional shims (8 total) can be added.

Release pressure in jacks and pull 1/2 pin.

If more than 8" of takeup is required, place 1/2 pin in third hole of jacking plate and hole in socket. Jack socket back until dial on pump reads 5000.

After all stays have been adjusted to required tension, measure distance between socket and Block BR150-3C, and cut to length and place permanent shims BR150-3K.

NOTE - TENSION IN STAY = DIAL READING x 2

MARK	REQ'D	MAT'L	REQ. NO.	NAME	REMARKS
BILL OF MATERIAL					
JOHN A. ROEBLING'S SONS CO., TRENTON, N. J.					
DEER ISLE BRIDGE REINFORCEMENT					
ASSEMBLY OF JACKING EQUIPMENT					
BY	DATE	REVISIONS	DATE	APPROVED	SCALE 1" = 6"
BR150-17	Details of Jacking Equipment				DES
BR150-11	Assembly of Stay Truss Connection				DR
DWG. NO.	TITLE	CH. DR.	ENG'R	CH.	BR150 16
REFERENCE DRAWINGS					

