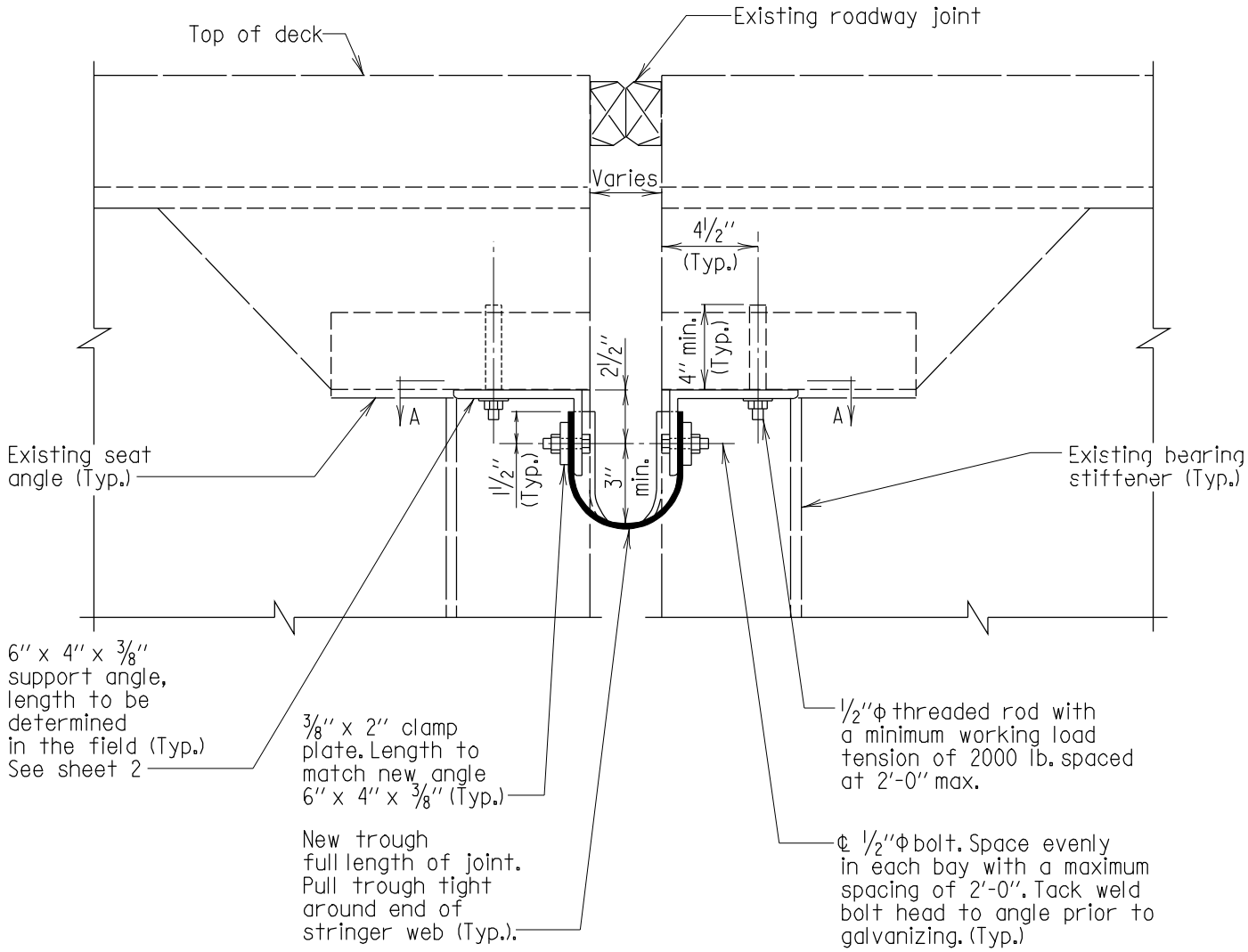

TROUGH DETAIL BETWEEN BEAMS AT PIER

Scale: 1 1/2" = 1'-0"

Notes:

1. All steel shall be galvanized ASTM A 709 Grade 36.
2. Trough shall conform to 911.11.
3. Trough cross slope shall be a minimum of 1" per foot for finger joints. All other joints shall follow the grade of the end diaphragms or 1/4" per foot slope whichever is greater.
4. All hardware shall be stainless steel Type 304.
5. Drilled holes for threaded rods shall be 1/2" larger.
6. → Grout shall conform to 902.11 (c).
7. Fiberglass shall conform to 921.11.

APPROVAL
E.S. Freedman DIRECTOR OFFICE OF STRUCTURES
DATE: 11/14/95

REVISIONS	
SHA	FHWA
1-23-97	·
1-22-01	·
1-18-05	·
7-14-08	·

FHWA APPROVAL
DATE:

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

DRAINAGE TROUGH DETAIL AT PIER
FOR EXISTING STRUCTURE

STANDARD NO. BR-SR(0.05)-95-308 SHEET 1 OF 8

STRUCTURAL REPAIRS