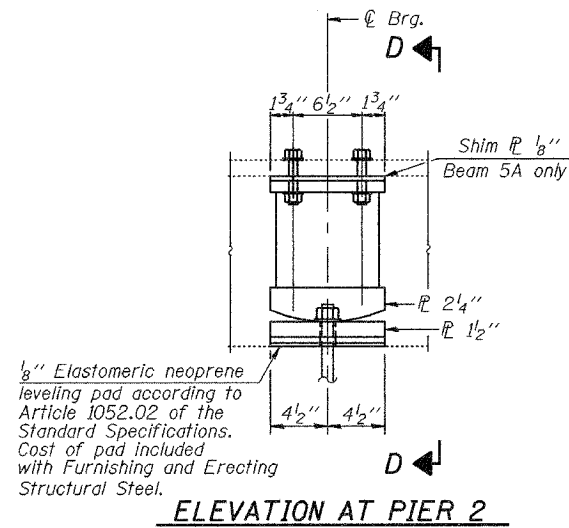


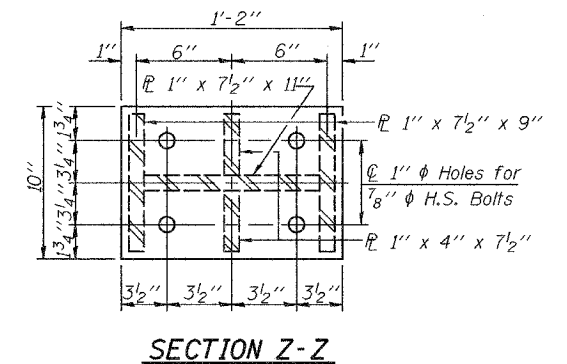
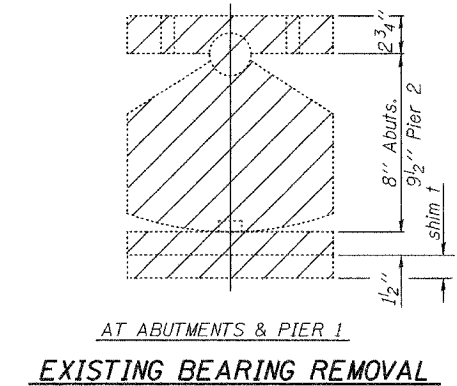
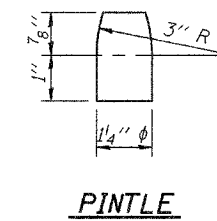
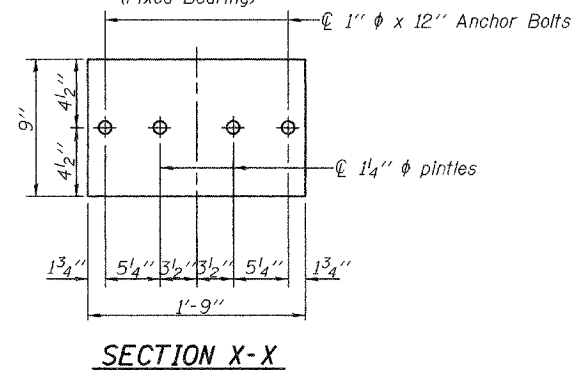
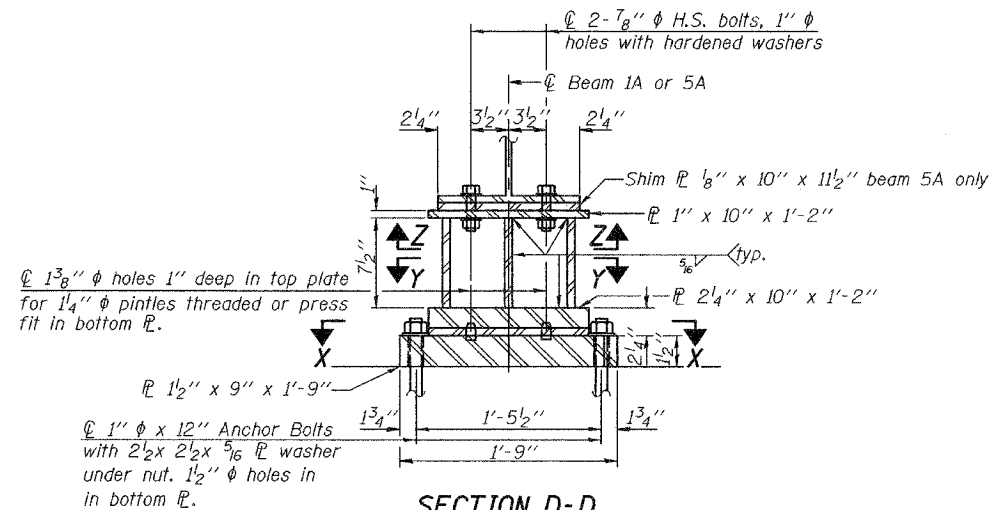
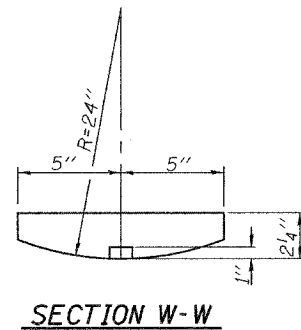
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
F.A.P. 309	TVBR	WHITESIDE	146 71	22 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #84883



FIXED BEARINGS AT PIER 2
(No. Required 2 @ Beam 1A & 5A)



JACK AND REMOVE EXISTING BEARING PROCEDURE

1. The Contractor shall submit for approval by the Engineer plans for jacking prior to commencing any work at the bearings.
2. Jacking and removing existing bearings shall be done after existing deck removal is completed and before a new deck is poured. Cost included with "Jack and Remove Existing Bearings".
3. Jacking shall be limited to a maximum of $\frac{1}{8}''$.
4. The maximum dead load reaction with deck removed (per bearing) at each abutment is 2.9 k and 9.3 k at each pier. Min. Jack Capacity at the abutments is 4.4 k and 14.0 k at the piers.
5. The new bearings and steel extensions shall be in place and the jacks shall be lowered before the new concrete deck is poured.

DESIGNED Patrick M. Petrone
CHECKED Stephen M. Ryan
DRAWN R. Sommer
CHECKED P.M.P./S.M.R.

October 11, 2005
 EXAMINED *Thomas J. Demagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

BEARING DETAILS
F.A.P. RT. 309 SEC. 7VBR
WHITESIDE COUNTY
STATION 47+18.53
STRUCTURE No. 098-6001