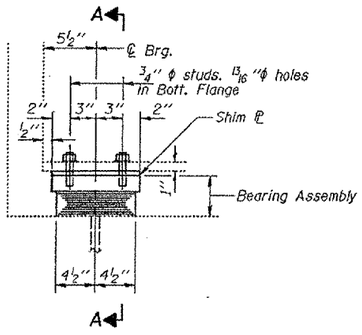
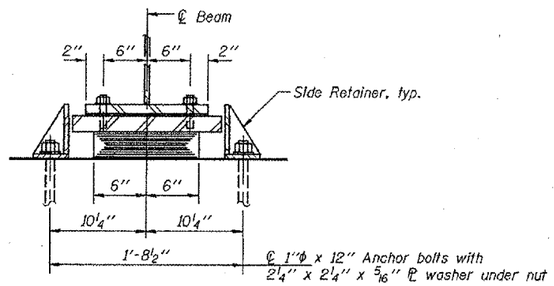
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 98989

VARIOUS ROUTES
VARIOUS COUNTIES
D9 BRIDGE PAINTING 2007-1
SHEET 25 OF 31

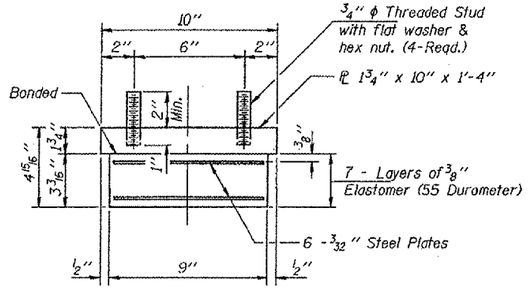


ELEVATION AT ABUT.



SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.



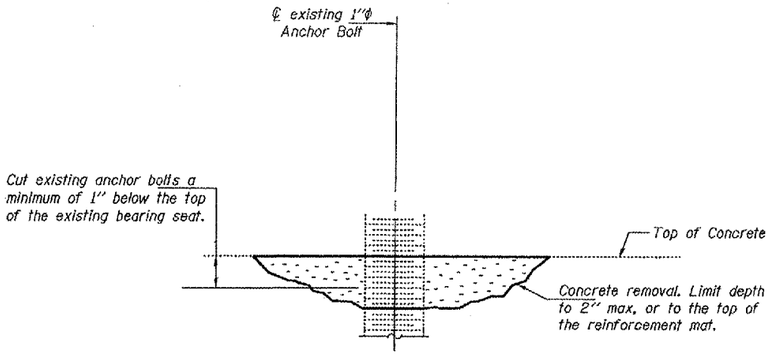
BEARING ASSEMBLY

Note:
Shim plates shall not be placed under Bearing Assembly.

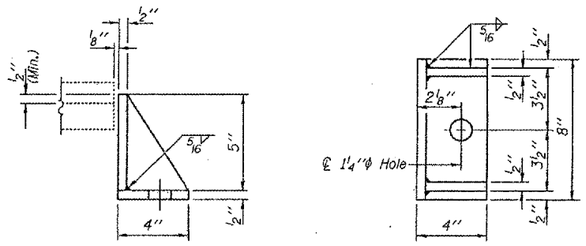
BEAM REACTIONS

		Abutments
R℄	(K)	49.1
R℄	(K)	34.9
Imp.	(K)	7.8
R (Total)	(K)	91.8

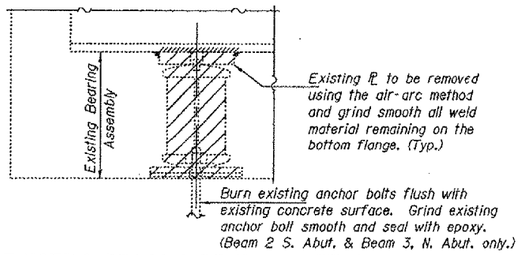
Notes:
Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.
New side retainers, shim plates, connection bolts, and anchor bolts are included with Furnishing and Erecting Structural Steel.
See Sheet 3 of 4 for Anchor Bolt installation.
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.
Min. jack capacity = 55 Tons.



ANCHOR BOLT REMOVAL DETAIL
Typical except as noted.
Cost included with Jacking and Cribbing.



SIDE RETAINER
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



EXISTING BEARING REMOVAL DETAIL
Cost included with Jacking and Cribbing.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	8
Jacking and Cribbing	LS	1

BRIDGE NO. 4
041-0080
FOR INFORMATION ONLY

REPAIR DETAILS
TR 206 OVER FAI 64
JEFFERSON COUNTY
SN 041-0080

DESIGNED	ATH
CHECKED	VHV
DRAWN	baliva
CHECKED	ATH VHV

APRIL 13, 2005
EXAMINED John A. Morris
ENGINEER OF STRUCTURAL SERVICES
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

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