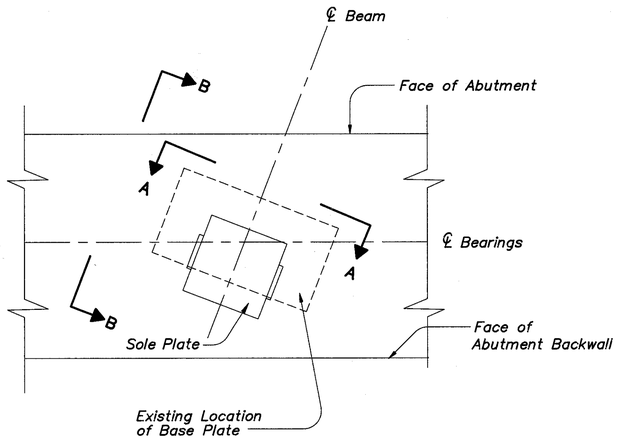
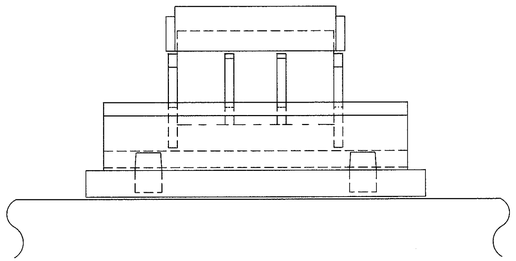
CALC. BY DATE	LAK – 306 – 6.82	OHIO
CHKD. BY DATE		FHWA REGION 5

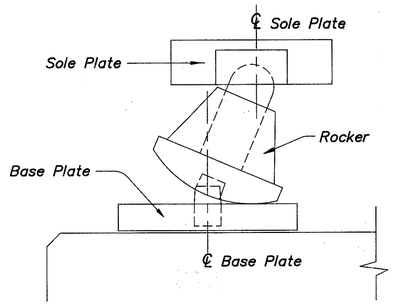
88/92



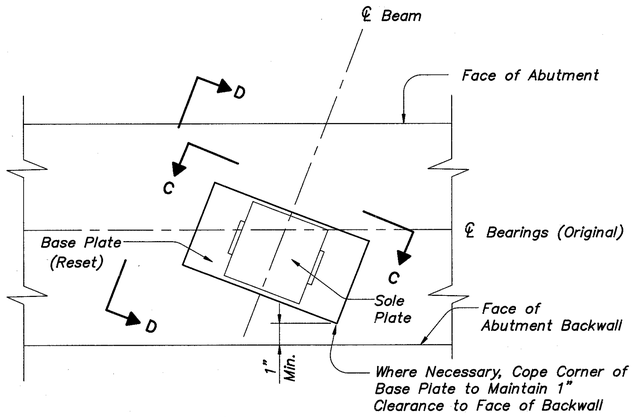
EXISTING PLAN VIEW



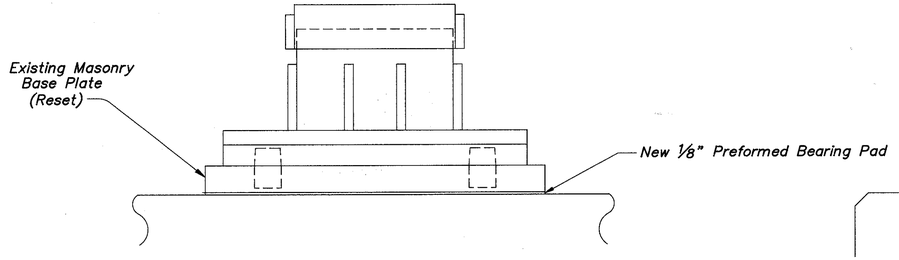
ELEVATION A–A



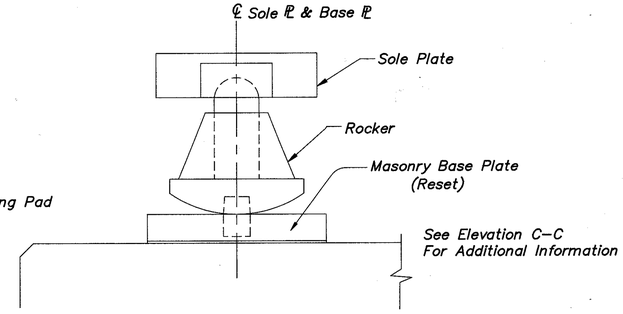
ELEVATION B–B



MODIFIED PLAN VIEW



ELEVATION C–C



ELEVATION D–D

*Included in Item 516 for Payment

PROCEDURE FOR RESETTING BEARINGS AT ABUTMENTS

1. *All Existing Bearings At Both Forward And Rear Abutments Shall Be Reset.*
2. *The Existing Superstructure Consists of Two Separate Units. The Right Unit will be Rehabilitated During Phase I and the Left Unit will be Rehabilitated During Phase II. For Each Phase, Raise The Superstructure Unit At One Abutment All At One Time, Including The Bottom Masonry Plates. The Contractor Shall Submit To The Engineer For Approval His Plan For Jacking, Bracing, Shoring And Resetting The Bearings. The Maximum Lift Permitted At Any Bearing Shall Be ¼".*
3. *Remove Masonry Plate, Rockers And Lead Sheet.*
4. *Clean Rockers And All Plates Including The Top Plate Which Is Welded To Beam Flange For Reuse. Any Portions Of Bearing That Appear To Be Deteriorated Or Pitted Beyond Reuse Shall Be Replaced With New Items Of The Same Material As The Existing At The Direction Of The Engineer And Will Be Paid For At The Contract Bid Price For Item 513 – Structural Steel.*
5. *Place New 1/8" Preformed Bearing Pads As Per 711.21 Beneath The Masonry Plate, And Reposition The Existing Masonry Plate So It Is Centered Below The Top Plate At 60° F. Lower Girder Onto Base Plate.*
6. *For Additional Notes, See Sheet* 5/29

See Framing Plan On Sheet 18/29 *For Girder Locations*

CT Consultants, Inc.
Engineers • Architects • Planners
Willoughby • Mentor • Columbus • North Canton • Youngstown

25/29

RESETTING BEARINGS
BRIDGE No. LAK–306–0691
OVER STATE ROUTE 2
LAKE COUNTY

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
J.P.R.	M.T.W.	M.T.W.	J.C.A.	BJA 3/31/11	