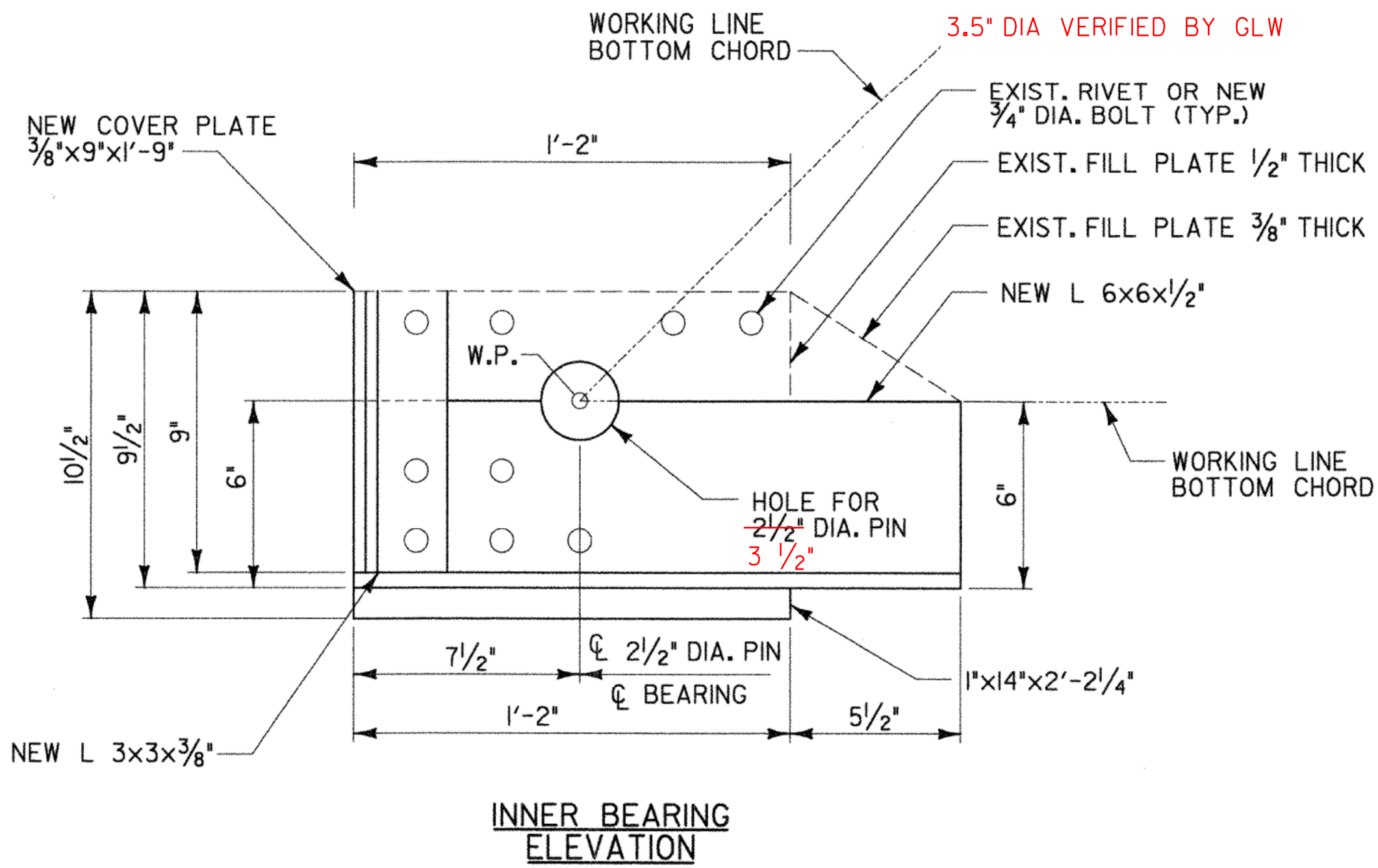
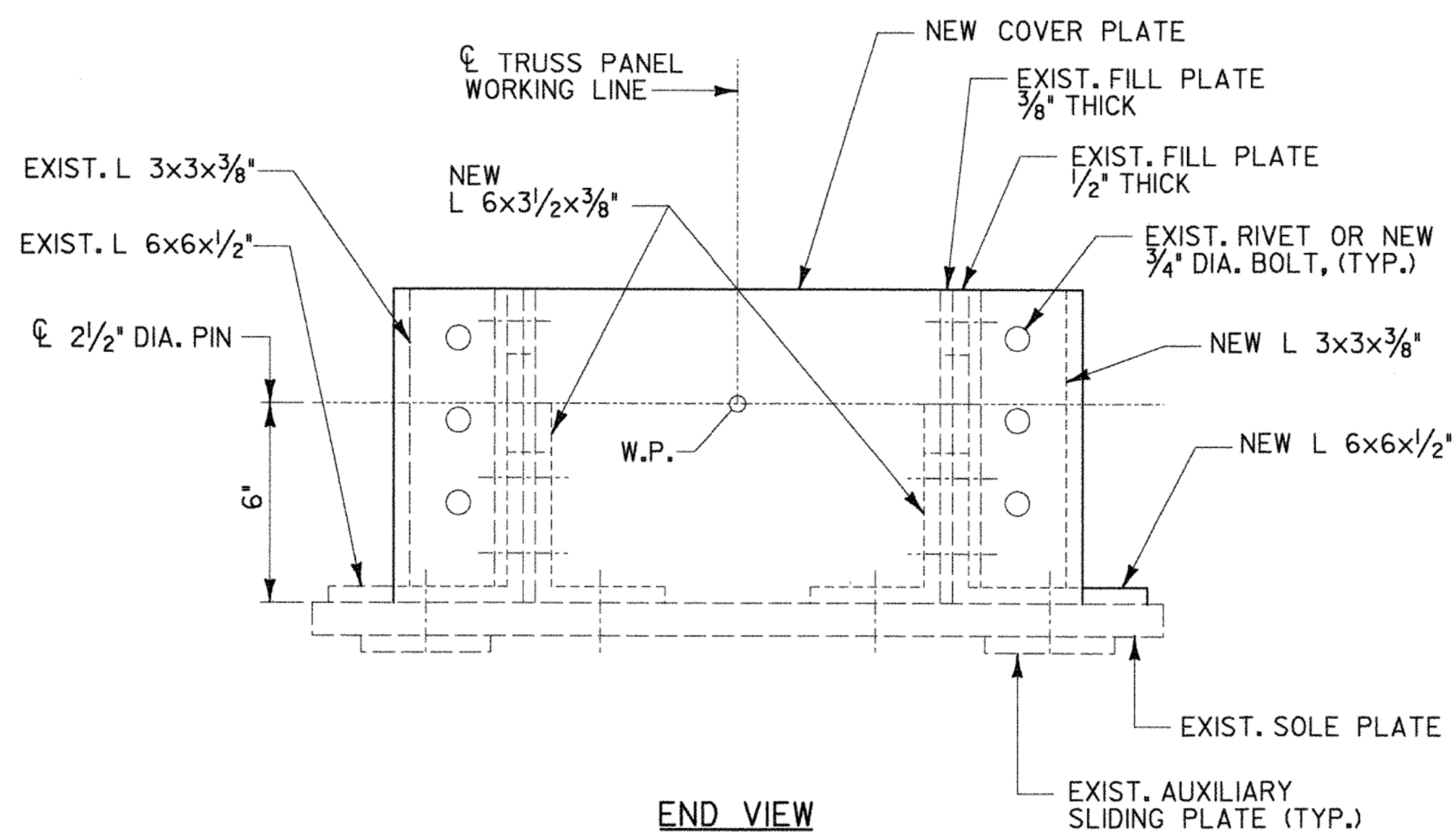


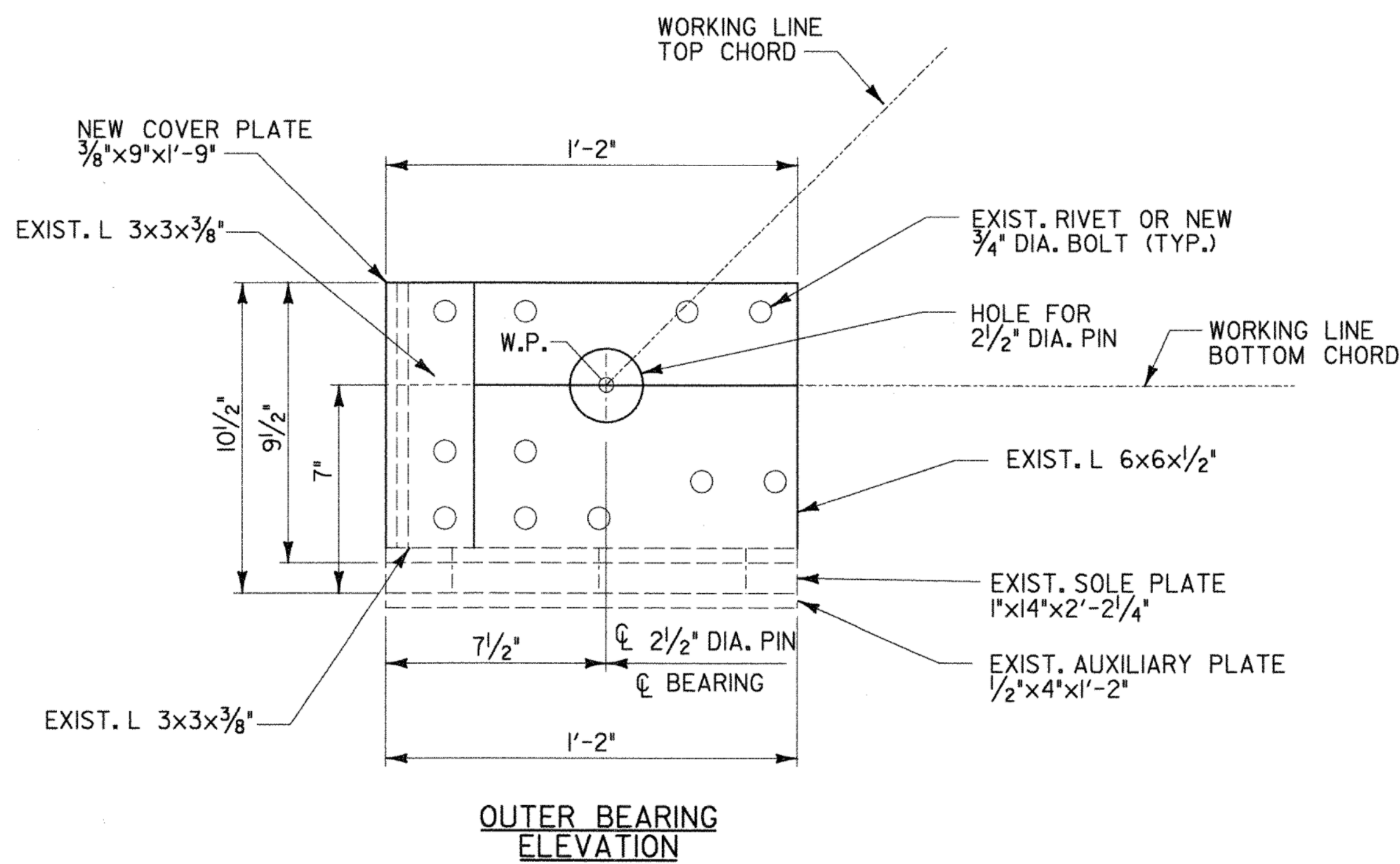
PLAN VIEW



INNER BEARING ELEVATION



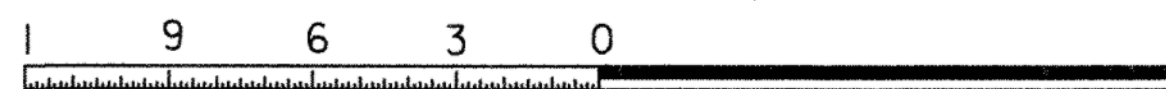
END VIEW



OUTER BEARING ELEVATION

EXPANSION BEARING SHOE

SCALE 3" = 1'-0"



NOTES:

1. THE DIMENSIONS AND SIZES SHOWN FOR THE VARIOUS PLATES AND ANGLES THAT COMPRISE THE BEARING SHOES ARE FOR REFERENCE ONLY AND ARE BASED ON LIMITED FIELD MEASUREMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL PLATE THICKNESSES AND ANGLE SIZES PRIOR TO FABRICATION OF ANY NEW PARTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FIT AND ASSEMBLY OF ALL WORK.
3. IF EXISTING PLATES AND ANGLES ARE INTENDED TO BE RE-USED, THEY SHALL BE FULLY INSPECTED AFTER BLAST CLEANING. IF ANY AREA OF THE ANGLE OR PLATE EXHIBITS MORE CROSS SECTIONAL LOSS THAN AN AVERAGE OF 1/16" ACROSS THE ENTIRE CROSS SECTION OR IF PITTING EXTENDS DEEPER THAN ONE HALF THE MEMBER THICKNESS AS DETERMINED BY THE ENGINEER, THE PROJECT MANAGER SHALL BE NOTIFIED FOR FURTHER DIRECTION.
4. IN ORDER TO REHABILITATE THE BEARING SHOES, THE 2 1/2" DIAMETER PIN MUST BE REMOVED, AND REPLACED. THE NEW PINS AND HARDWARE SHALL BE PAID FOR UNDER THE ITEM 506.60 "STRUCTURAL STEEL". THE CONTRACTOR SHALL REPLACE THE PIN IN KIND WITH NUTS, WASHERS AND ANY OTHER HARDWARE.
5. ON THE RE-ASSEMBLED SHOES, THE PIN SHALL ALLOW THE FREE MOVEMENT OF THE SHOES. UPON INSPECTION OF THE EXISTING SHOES, THE CONTACT AREA ON THE SHOES WHERE THE PIN SITS SHALL ALSO BE EXAMINED FOR PITTING OR LOSS. IF THE PITTING OR LOSS IS DEEMED EXCESSIVE TO PREVENT THE FREE MOVEMENT OF THE SHOES WHEN REASSEMBLED, THE ANGLE OR PLATE SHALL BE REPLACED. REPLACING THE PIN WITH A LARGER DIAMETER AND REAMING THE HOLES IN THE SHOES LARGER, MAY ALSO BE AN ACCEPTABLE REPAIR METHODOLOGY WITH THE APPROVAL OF THE ENGINEER.
6. FOR STRUCTURAL STEEL AND HARDWARE REQUIREMENTS, SEE SHEET 20.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	SWANTON	Bridge No.	18
Highway No.		Log Sta.	
		Surv. Sta.	

RAIL TRAIL OVER MISSISQUOI RIVER

EXPANSION BEARING SHOE REPAIR DETAILS

Designed By	R. SACCHI	Drawn By	R. ROSS
Checked By	H. BUI	Bridge Design Supervisor	R. SACCHI
Date	1/23/08	Date	1/23/08

PROJECT	SWANTON	PROJECT NO.	STP ST MHTB(1)
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I.G.C. Info.	ZD024BRG3.dgn	Date	1/30/2008
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