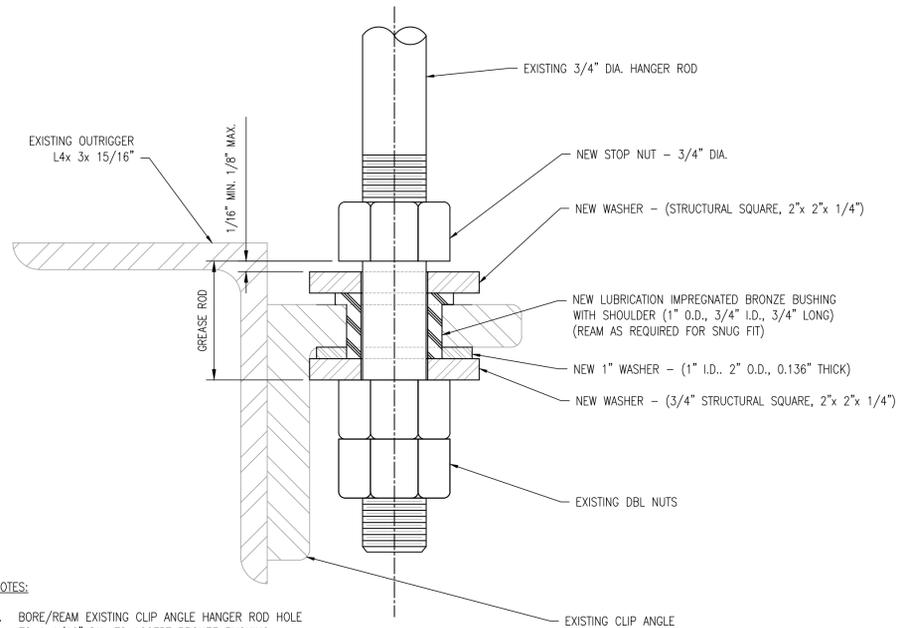
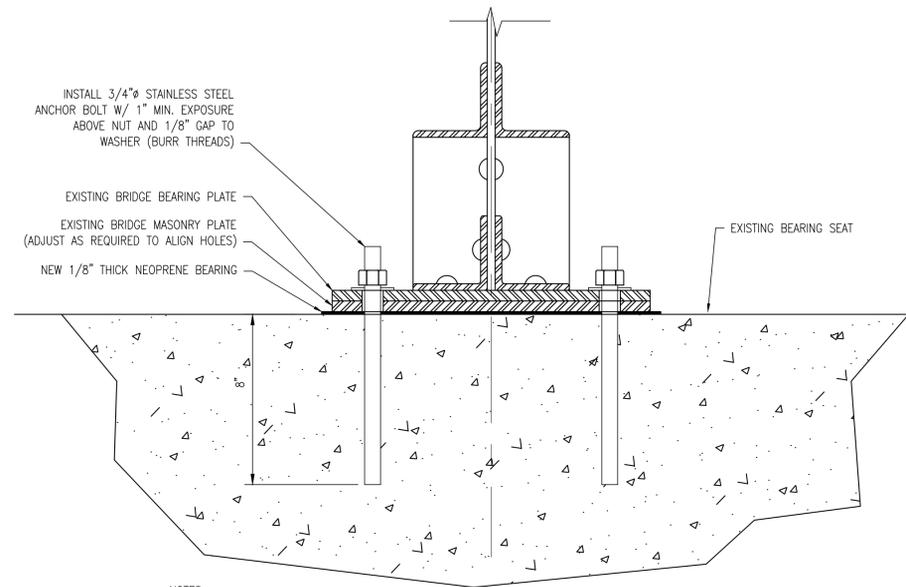


1 HANGER ROD BOTTOM CONNECTION PLAN
SCALE: 6" = 1'-0"



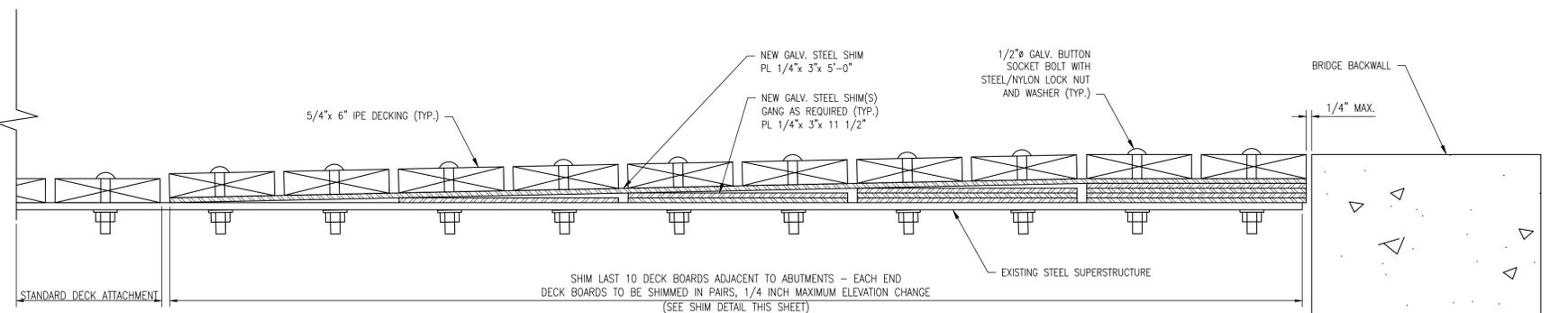
2 HANGER ROD BOTTOM CONNECTION MODIFICATION
SCALE: 1" = 1"

- NOTES:
- BORE/REAM EXISTING CLIP ANGLE HANGER ROD HOLE TO 1 1/16" DIA. TO ACCEPT BRONZE BUSHING.
 - COAT SECTION OF HANGER ROD BETWEEN STOP NUT AND DOUBLE BOTTOM NUTS WITH A LIGHT COAT OF ANTI-SEIZE TYPE GREASE BEFORE FINAL ASSEMBLY.
 - STOP NUT THREADS TO BE COATED WITH LOK-TITE OR OTHER APPROVED THREAD LOCK MATERIAL TO PREVENT MOVEMENT.



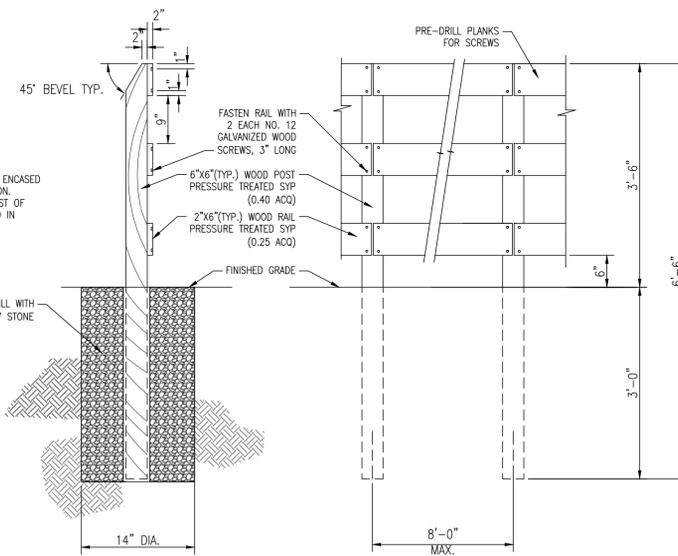
- NOTES:
- CONTRACTOR TO PROVIDE ALL JACKING, CRIBBING, OR OTHER TEMPORARY WORK AS REQUIRED TO INSTALL THE ANCHOR BOLTS.
 - ALL STEEL SHALL BE CLEANED AND PAINTED BY THE CONTRACTOR IN ACCORDANCE WITH THE SECTIONS 605522 AND 605532 PRIOR TO BEARING REPAIRS.
 - ALIGN EXISTING BEARING PLATE AND MASONRY PLATE HOLES, AS REQUIRED.
 - CORE EXISTING ABUTMENT SEAT FOR INSTALLATION OF NEW ANCHOR BOLTS.
 - PROVIDE AND INSTALL 1/8" THICK NEOPRENE BEARING PAD BETWEEN CONCRETE BEARING SEAT AND MASONRY PLATE. BEARING PAD TO MATCH LENGTH AND WIDTH OF EXISTING MASONRY PLATE PLUS 1/2" EACH SIDE.
 - ANCHOR BOLTS SHALL BE STAINLESS STEEL AND SHALL BE GROUTED IN PLACE USING A TWO PART EPOXY TYPE ADHESIVE SUITABLE FOR THIS CONSTRUCTION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER. HOLES FOR ANCHOR BOLTS SHALL BE FILLED COMPLETELY WITH ADHESIVE WITH NO DEPRESSIONS ALLOWED.
 - CONTRACTOR SHALL CLEAN THE EXISTING CONCRETE BEARING SEAT OF ALL FOREIGN DEBRIS, TO THE SATISFACTION OF DNREC, PRIOR TO REASSEMBLY OF BEARINGS.

3 BEARING ANCHOR BOLT REPAIRS
SCALE: 3" = 1'-0"



- NOTES:
- COMPLETE BRIDGE SUPERSTRUCTURE NOT SHOWN FOR CLARITY.
 - CONTRACTOR MAY USE THICKER SHIM PLATES TO SUBSTITUTE MULTIPLE LAMINATIONS OF SHIMS, AS SHOWN.

4 ALTERNATE 1 - IPE DECK END TRANSITIONS
SCALE: 3" = 1"



5 ALTERNATE 1 - SHIM PLATE DETAILS
SCALE: 1 1/2" = 1"

6 ALTERNATE 2 - TIMBER PATHWAY FENCE - SECTION & ELEVATION
SCALE: NONE

BY: _____
DATE: _____
DESCRIPTION: _____
ADDED ALTERNATE NO. 2 - TIMBER PATHWAY FENCE

SWINGING BRIDGE
MAINTENANCE REPAIRS
BRIDGE SUPERSTRUCTURE REPAIR DETAILS



DESIGNED BY: W.J.H.
DRAWN BY: M.T.R.
BUILDING NO.: ----
DATE: FEBRUARY 2014
SCALE: AS SHOWN
SHEET NO.: C2.3
PARKS PROJECT #: WB-10
CONTRACT #: 2014-WB-100

Century Engineering, Inc.