



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. BOX 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

VIA WEBSITE POSTING

November 16, 2018

Contract No. T201807601.01
Federal Aid Project No. EBHOS-S013(05)
Structure Maintenance Contract, Bridge 3-151, FY19
Sussex County

Ladies and Gentlemen:

Enclosed is Addendum No. 2 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. The following Plan Sheets have been revised and replaced: 5 and 10.

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

~signature on file~

Robert A. Kovacs
Competitively Bid Contracts Coordinator
Delaware Department of Transportation

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201807601.01

FEDERAL AID PROJECT NO. EBHOS-S013(05)

CFDA NO. 20.205

Structure Maintenance Contract, Bridge 3-151, FY19

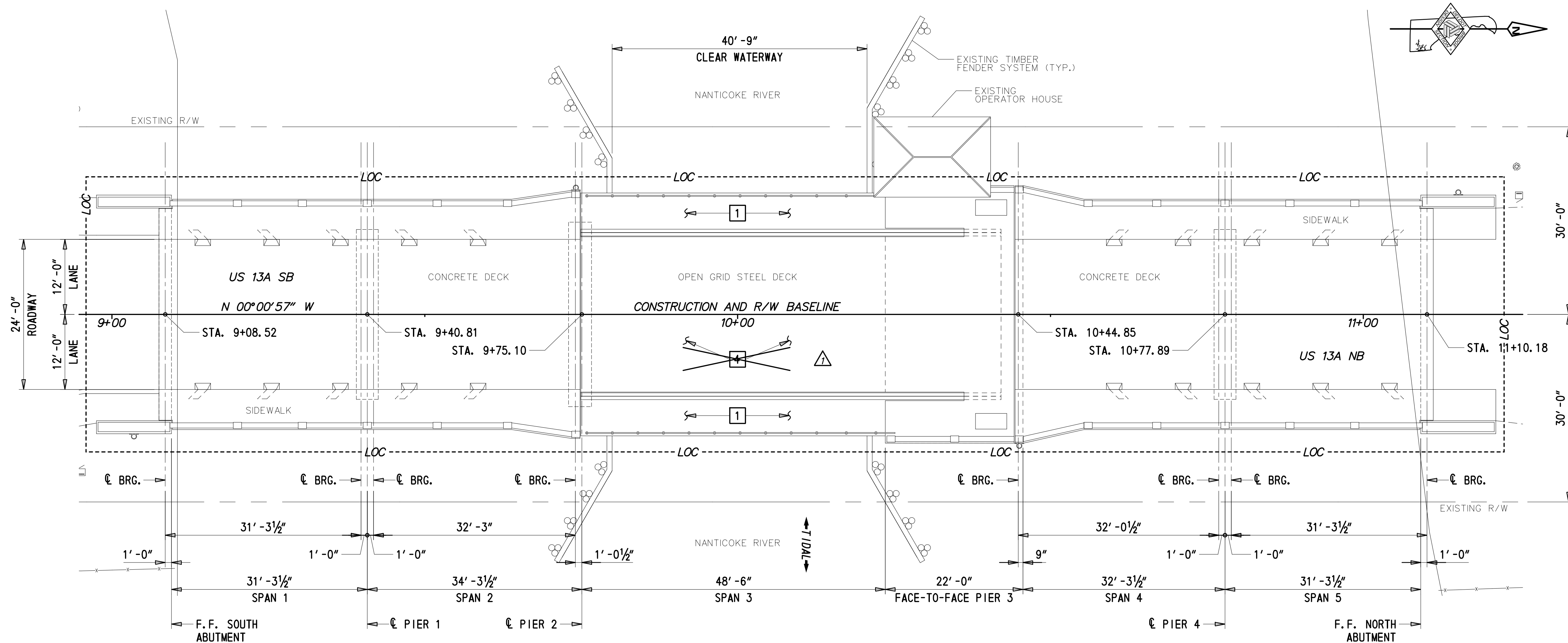
Sussex County

ADVERTISEMENT DATE: November 5, 2018

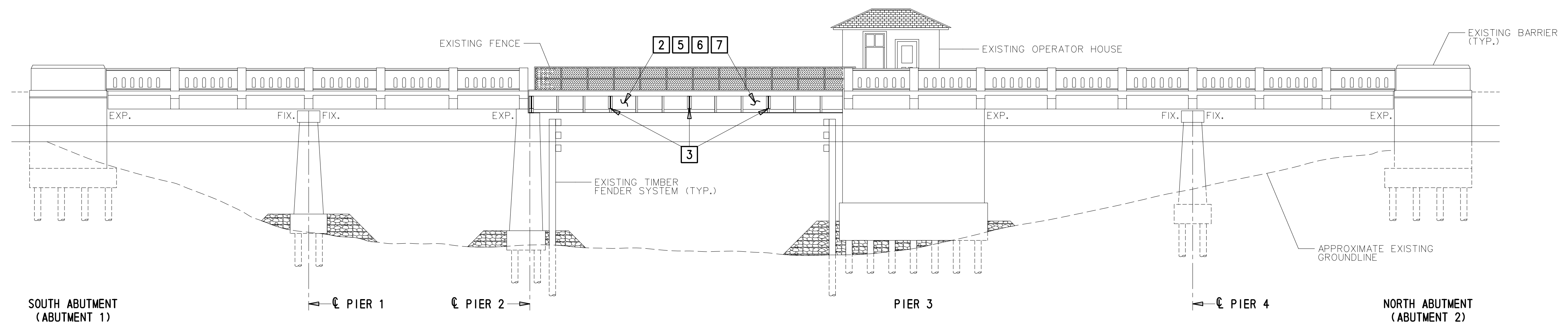
COMPLETION TIME: 68 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2016

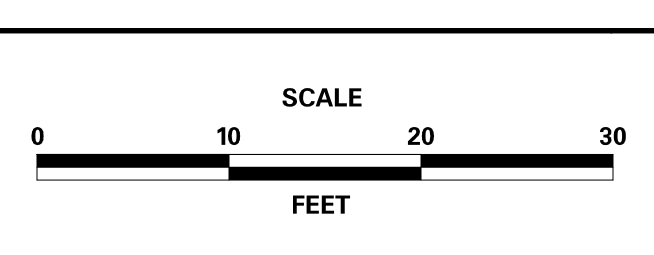
Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware prior to 2:00 P.M. local time **December 4 11, 2018**



- REPAIRS:**
- 1 REMOVE AND REPLACE EXISTING WOOD SIDEWALK STRINGERS AND WOOD SIDEWALK PLANKING. ABANDONED BOLT HOLES TO BE FILLED WITH HS BOLTS. REMOVAL TO BE PAID UNDER ITEM NO. 211000. FURNISH AND PLACEMENT OF NEW COMPOSITE SIDEWALK PLANKING TO BE PAID UNDER ITEM NO. 621507. SIDEWALK STRINGERS AND BOLTS TO BE PAID UNDER ITEM NO. 615001.
 - 2 CLEAN AND PAINT ENTIRE STEEL BASCULE GIRDERS (INCLUDING TOP AND BOTTOM FLANGES, WEB AND FLOORBEAM CONNECTIONS), ALL FACES OF THE BASCULE RACK SUPPORTS AND TRUNNION SUPPORT TOWERS, STEEL SIDEWALK BRACKETS, SIDEWALK STRINGERS, AND SIDEWALK PEDESTRIAN RAILING IN SPAN 3. CAULK ALONG ALL BUILT-UP PORTIONS OF THE BASCULE GIRDERS AND CONNECTIONS TO GIRDERS. (MECHANICAL EQUIPMENT AND GEARING IN BASCULE PIT IS NOT TO BE PAINTED.) TOP FLANGE OF SIDEWALK BRACKETS SHALL BE CLEANED AND PAINTED AFTER REMOVAL OF EXISTING SIDEWALK PLANKING AND STRINGERS, BUT PRIOR TO PLACEMENT OF NEW SIDEWALK. CLEANING AND PAINTING TO BE PAID UNDER ITEM NO. 616000. TESTING AND DISPOSAL TO BE PAID UNDER ITEM NO. 616003. CAULKING SHALL BE INCIDENTAL TO ITEM NO. 616000.
 - 3 PERFORM FLOORBEAM RETROFIT ON FLOORBEAMS 2 THROUGH 4. FLOORBEAM RETROFIT TO BE PAID UNDER ITEM NO. 615001.
 - 4 REPLACE RIVETS WITH SECTION LOSS IN THE STEEL BASCULE GIRDERS TO THE LIMITS SHOWN IN THESE PLANS. REPLACING STEEL RIVETS TO BE PAID UNDER ITEM NO. 615004.
 - 5 PERFORM WEB PLATE REPAIR AND TRUNNION TIE PLATE REPAIR AT THE LOCATIONS SHOWN IN THESE PLANS. REPAIRS TO BE PAID UNDER ITEM NO. 615006.
 - 6 PERFORM CRACK REPAIRS AT THE LOCATIONS SHOWN IN THESE PLANS. CRACK REPAIRS TO BE PAID UNDER ITEM NO. 615006.
 - 7 PERFORM WELD REPAIRS AT THE LOCATIONS SHOWN IN THESE PLANS. WELD REPAIRS TO BE PAID UNDER ITEM NO. 615007.



ADDENDUMS / REVISIONS	
1	REMOVE NOTE AND IDENTIFIER (JWS 11/7/18)
2	MODIFY NOTE 2 (JWS 11/15/18)



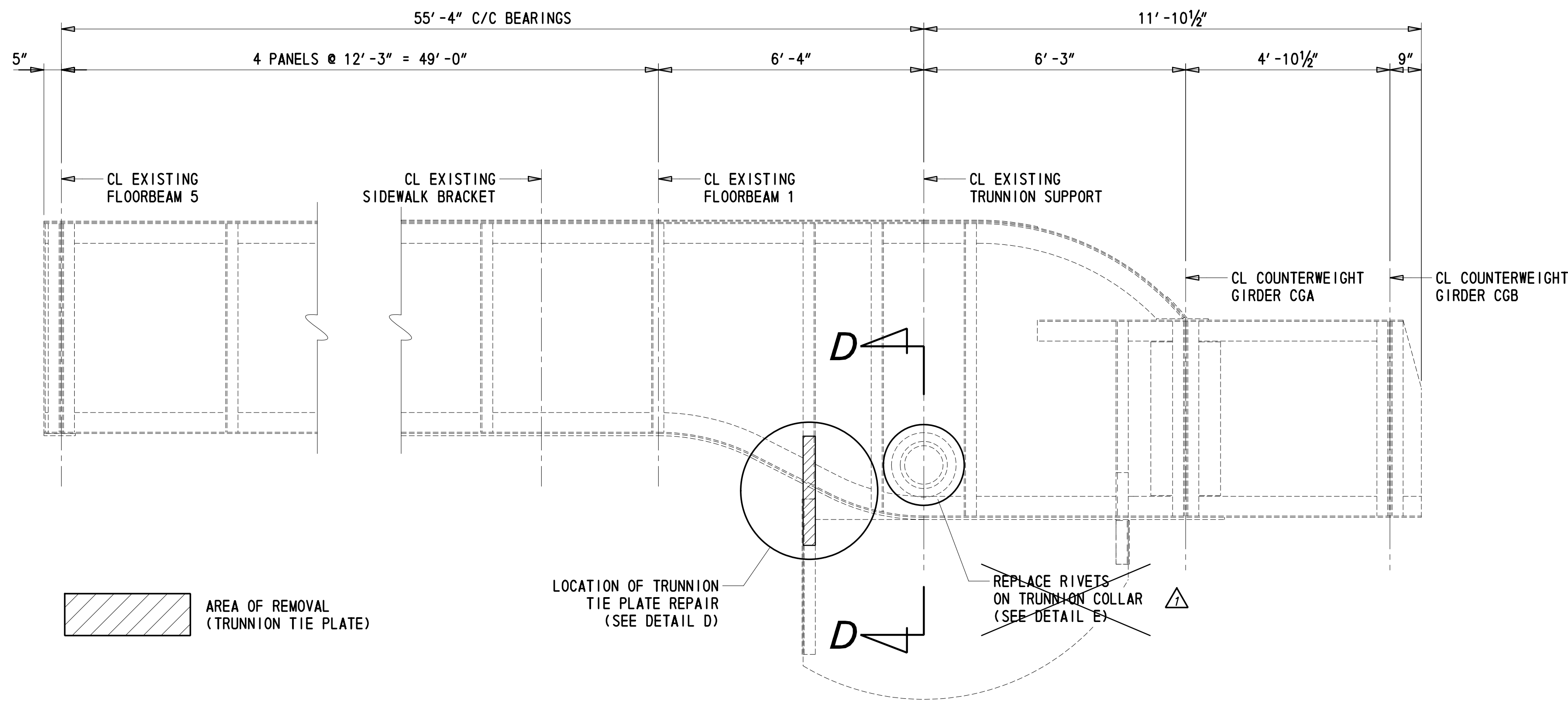
STRUCTURE MAINTENANCE CONTRACT, BRIDGE 3-151, FY19

CONTRACT	BRIDGE NO.	BR 3-151
T201807601	DESIGNED BY:	JWS
COUNTY	CHECKED BY:	DEF
SUSSEX		

BRIDGE PLAN AND ELEVATION

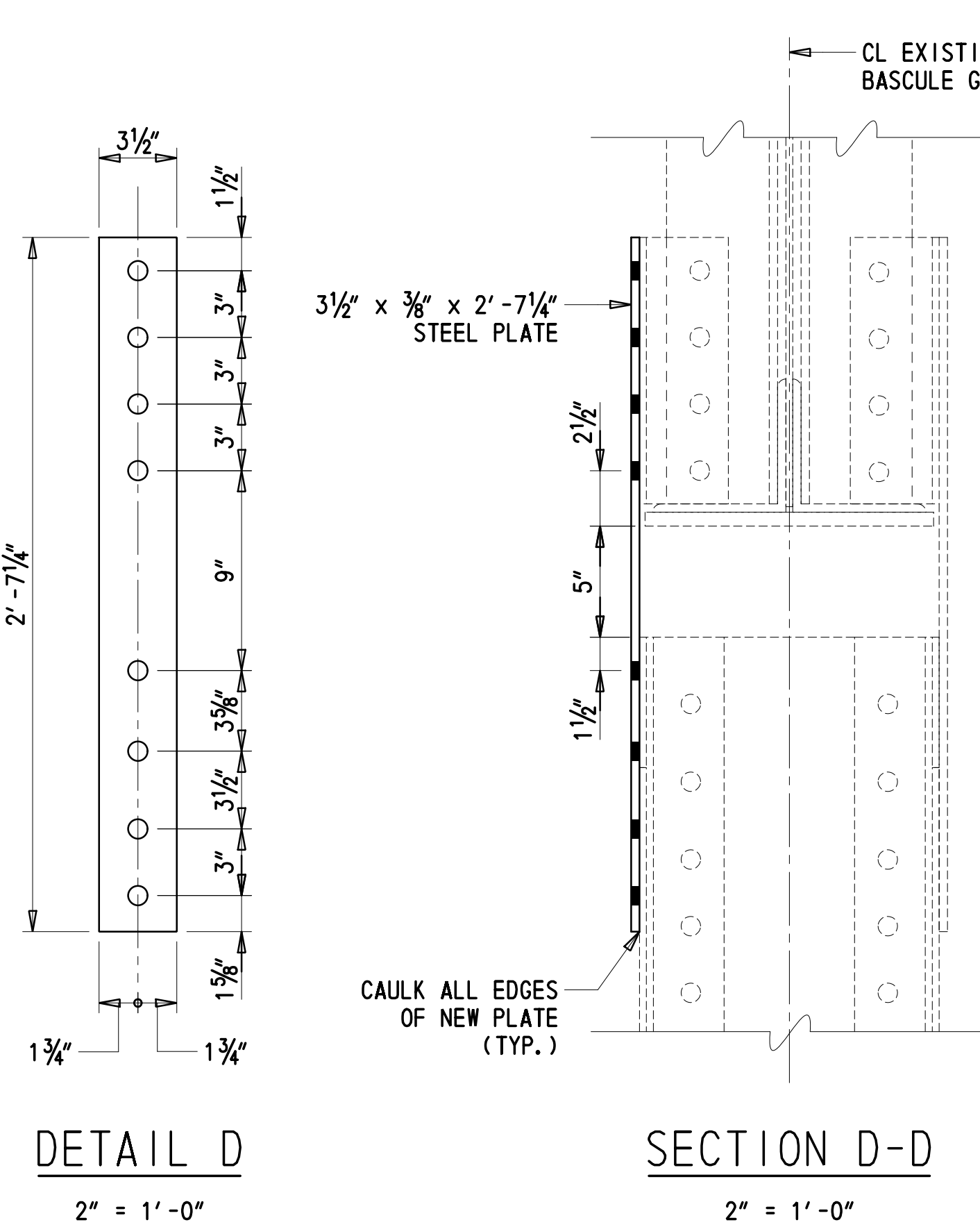
SHEET NO.	5
TOTAL SHTS.	14

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WEST BASCULE GIRDER ELEVATION (INSIDE FACE)

1/2" = 1'-0"

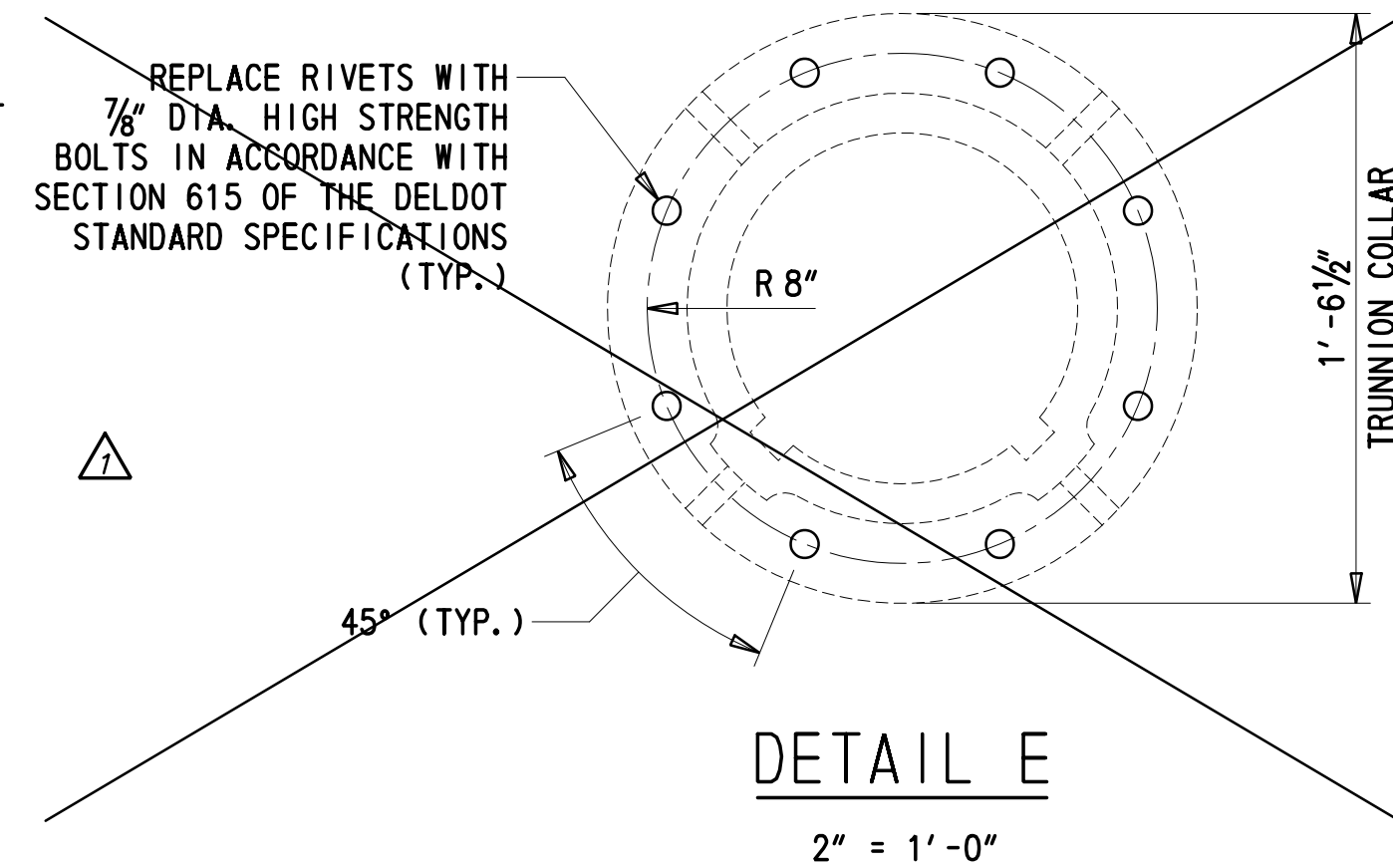


DETAIL D

2" = 1'-0"

SECTION D-D

2" = 1'-0"

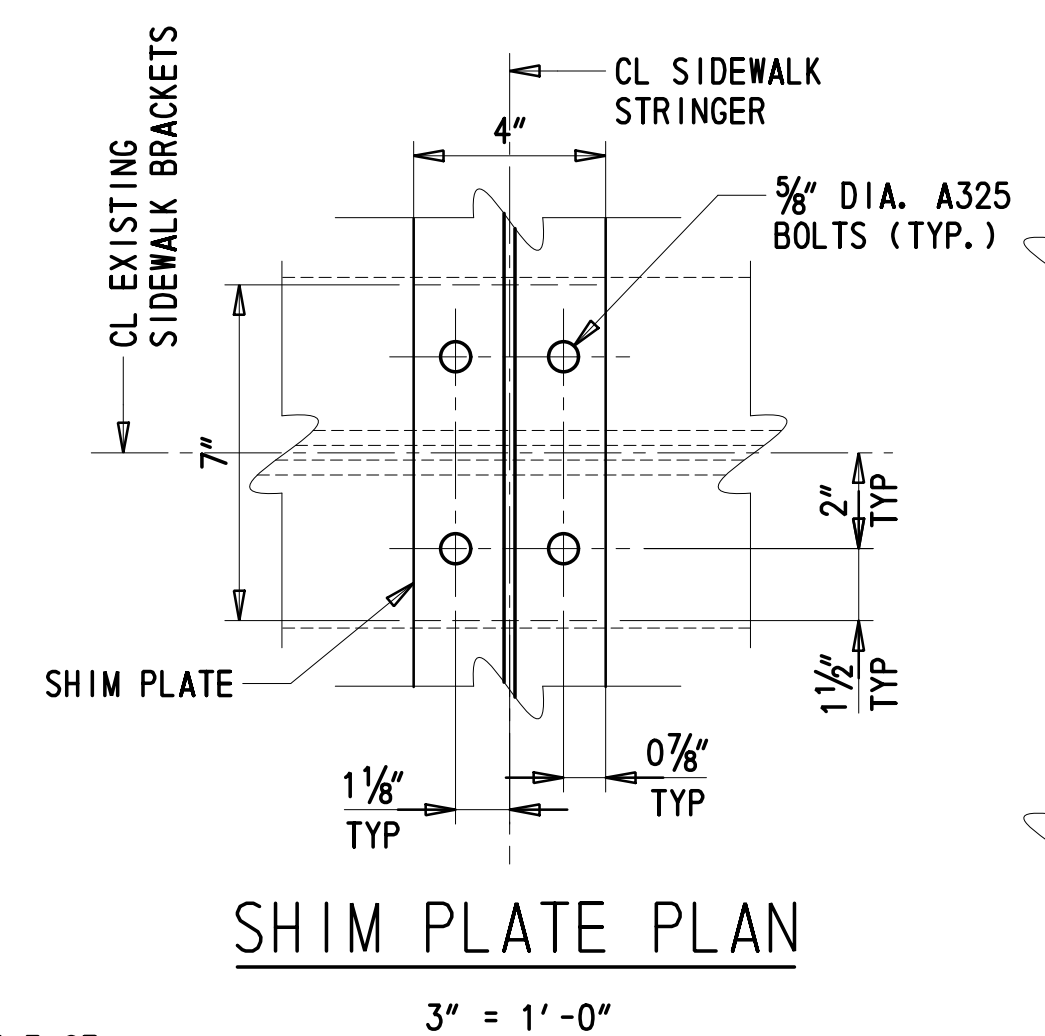


DETAIL E

2" = 1'-0"

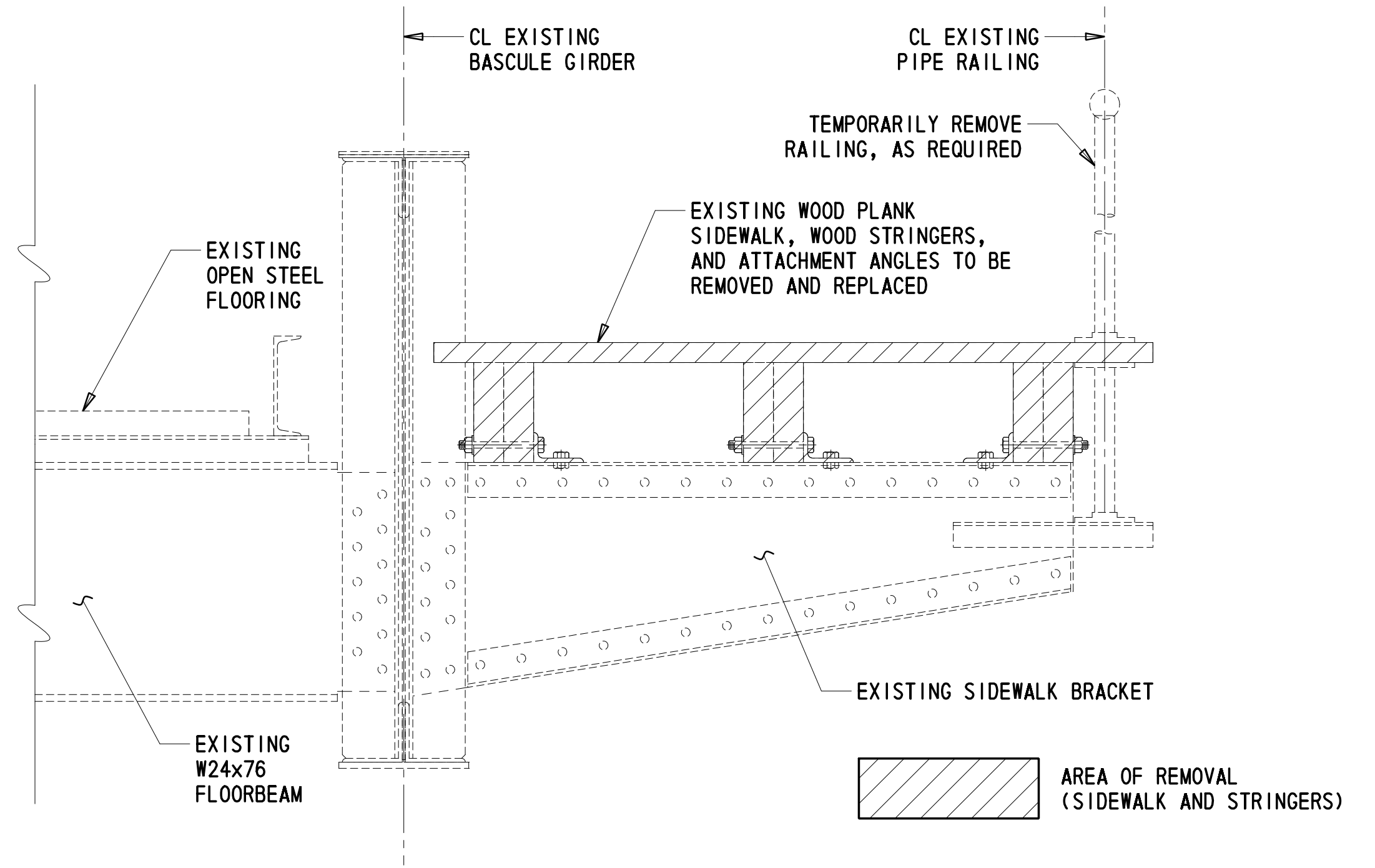
NOTES FOR TRUNNION TIE PLATE REPAIR:

- TRUNNION TIE PLATE REPAIR APPLIES TO WEST BASCULE GIRDER ON THE INSIDE FACE.
- ALL WORK SHALL CONFORM TO SECTION 615 OF THE DELDOT STANDARD SPECIFICATIONS.
- ALL NEW STEEL PLATES SHALL CONFORM TO ASTM A709, GRADE 36.
- ALL BOLTS SHALL BE 7/8" HIGH STRENGTH BOLTS IN ACCORDANCE WITH ASTM A325 TYPE 1. A HARDENED WASHER SHALL BE INSTALLED UNDERNEATH BOTH THE HEAD AND THE NUT AND SHALL BE IN CONFORMANCE WITH ASTM F436. NUTS SHALL BE IN CONFORMANCE WITH ASTM A563. BOLTS LENGTHS TO BE DETERMINED BY THE CONTRACTOR.
- ALL BOLT HOLES SHALL BE 5/8". FIELD DRILLED HOLES SHALL BE GROUND OR REAMED SMOOTH TO REMOVE ROUGH EDGES OR SURFACES.
- ALL EXISTING MATERIAL IN CONTACT WITH NEW MATERIAL SHALL BE CLEANED IN ACCORDANCE WITH DELDOT STANDARD SPECIFICATIONS SECTION 616. PRIME ALL MATING SURFACES & EXPOSED STEEL PRIOR TO THE INSTALLATION OF NEW COMPONENTS. AFTER INSTALLATION, AN APPROVED MOISTURE-CURED URETHANE COATING CONFORMING TO SECTION 616 SHALL BE APPLIED TO THE REPAIRED AREA WITH A TOP COATING MATCHING THE EXISTING GIRDER COLOR.
- PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION, AND CONSTRUCTION, THE CONTRACTOR SHALL CHECK THE ACCURACY OF THE DIMENSIONS OF THE EXISTING TIE PLATE. IF THESE DIMENSIONS DO NOT AGREE WITH THOSE SHOWN ON THE DRAWINGS OR OTHER EXISTING DRAWINGS, THE CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS TO THE DIMENSIONS SHOWN ON THE PLANS TO ENSURE THAT CONSTRUCTION OF THE NEW COMPONENTS WILL PROPERLY FIT ONTO THE BASCULE GIRDER, AT NO ADDITIONAL COST TO THE DEPARTMENT.
- ALL EDGES OF NEW PLATES SHALL BE CAULKED AS INDICATED IN DETAILS.
- EXISTING GIRDERS MAY CONTAIN LEAD-BASED PAINT. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTAINING AND DISPOSING OF THE MATERIALS PROPERLY IN ACCORDANCE WITH THE DELDOT STANDARD SPECIFICATIONS.



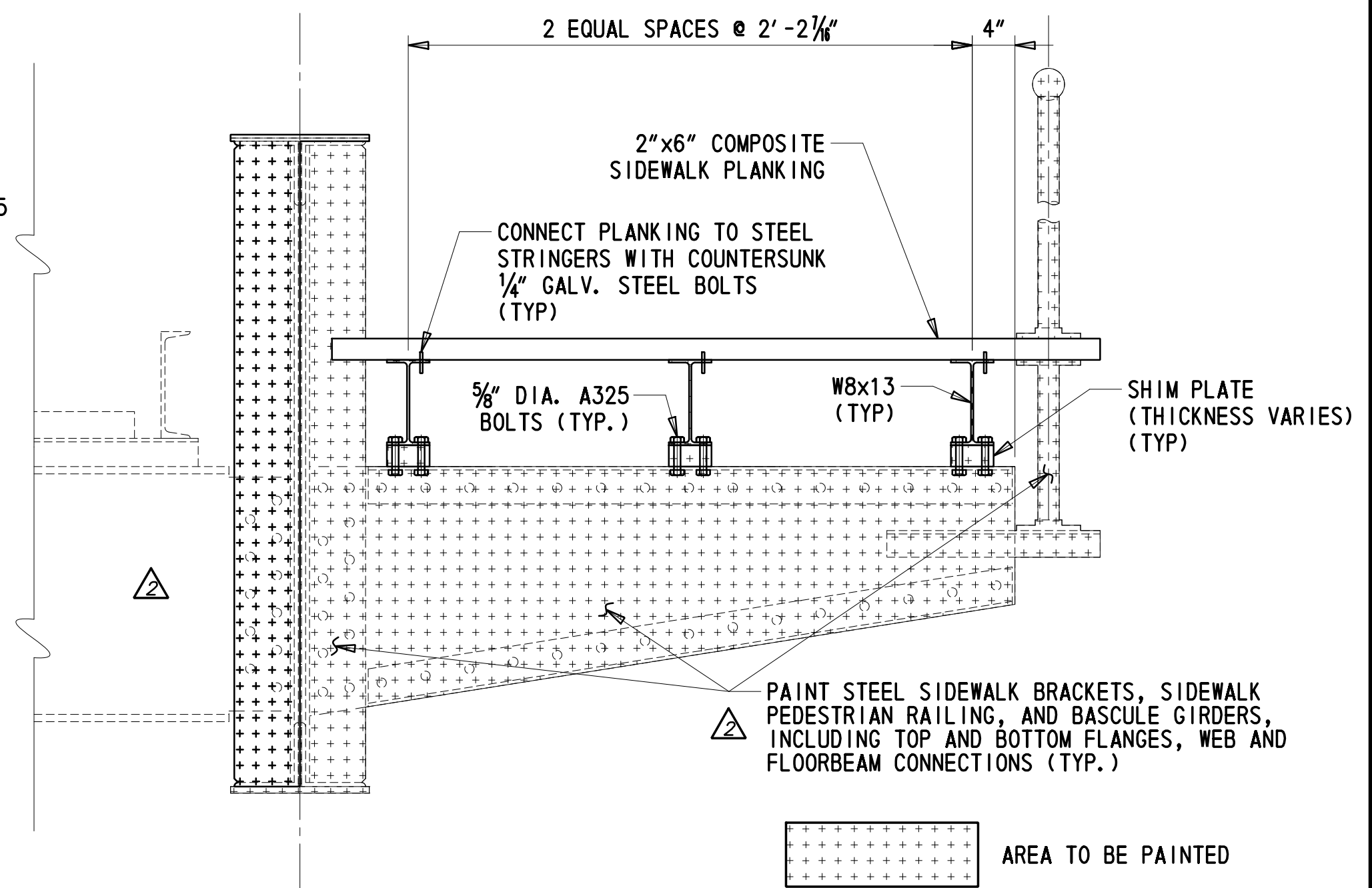
SHIM PLATE PLAN

3" = 1'-0"



EXISTING EAST BASCULE GIRDER SECTION
WEST BASCULE GIRDER (OPP. HAND)

1" = 1'-0"



PROPOSED EAST BASCULE GIRDER SECTION
WEST BASCULE GIRDER (OPP. HAND)

1" = 1'-0"

RECOMMENDED SEQUENCE OF CONSTRUCTION FOR TRUNNION TIE PLATE REPAIR:

- PRIOR TO STARTING WORK, VERIFY DIMENSIONS OF EXISTING STEEL FOR PROPER FIT OF ALL COMPONENTS.
- REMOVE EXISTING TRUNNION TIE PLATE AS SHOWN IN WEST BASCULE GIRDER ELEVATION (INSIDE FACE) DETAIL.
- BLAST CLEAN REPAIR AREAS TO REMOVE LOOSE DIRT, RUST, AND DEBRIS. PRIME ALL MATING SURFACES AND EXPOSED STEEL.
- INSTALL NEW STEEL PLATE ON BASCULE GIRDER AND APPLY URETHANE COATING AND TOP COAT. CAULK EDGES OF NEW PLATE.

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