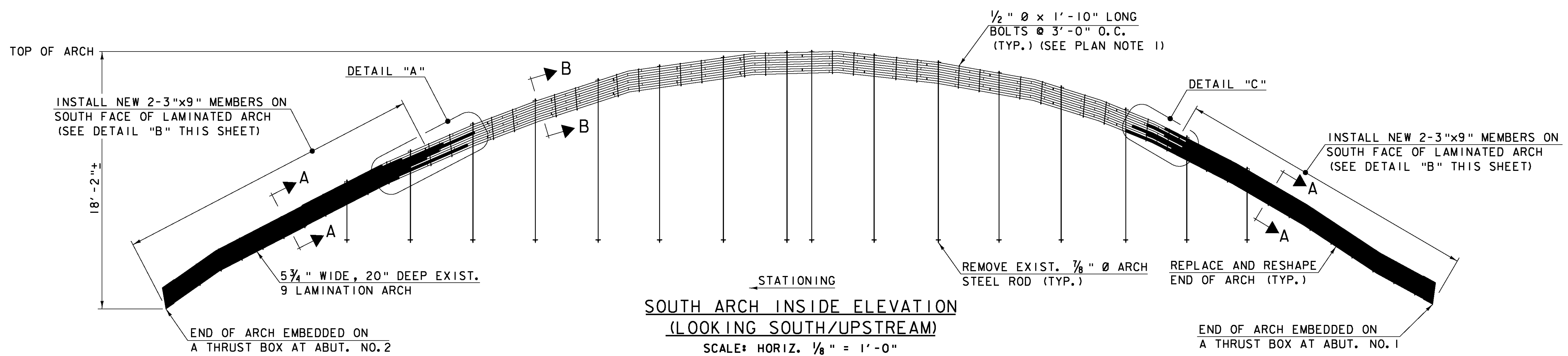
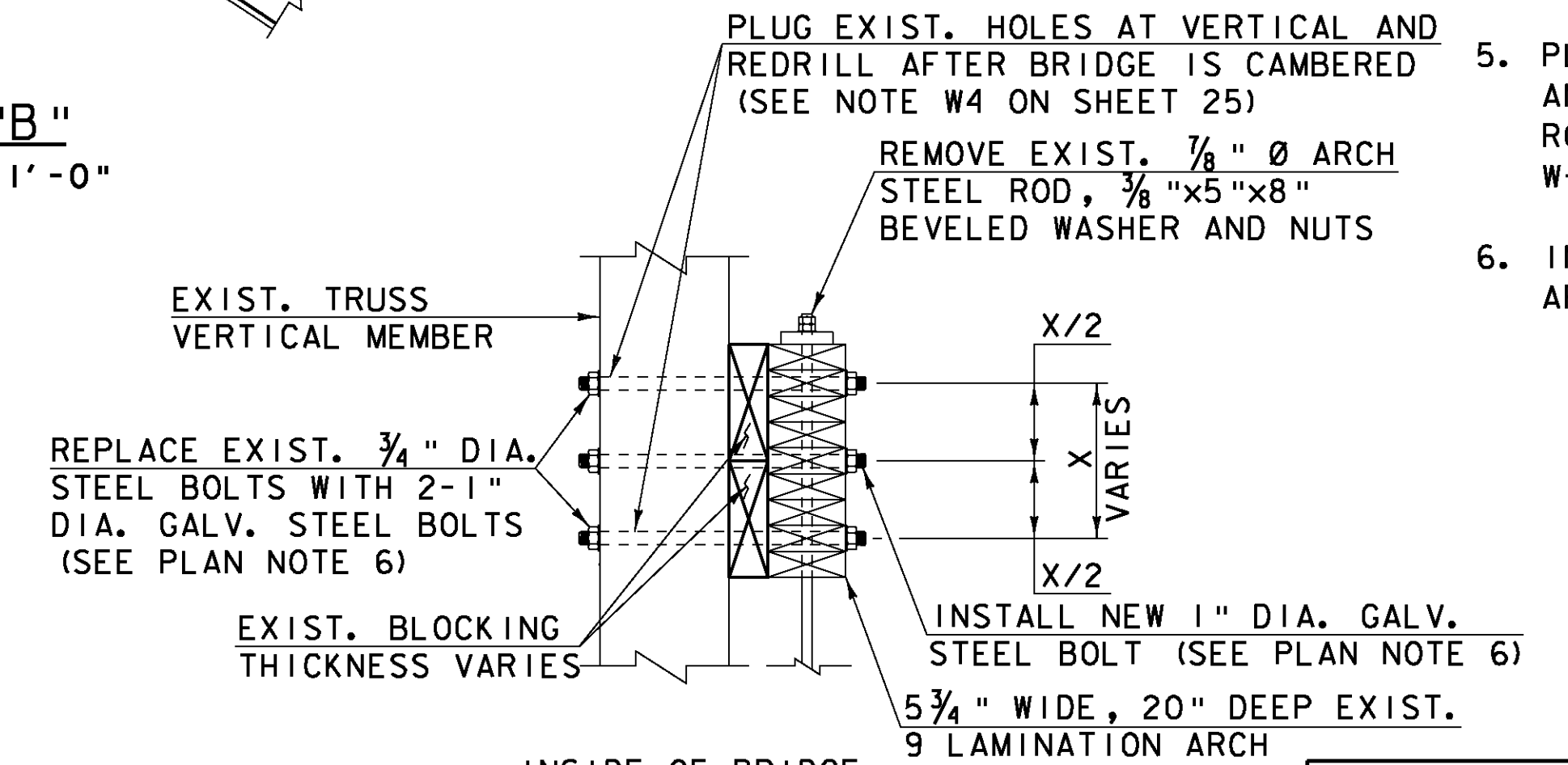
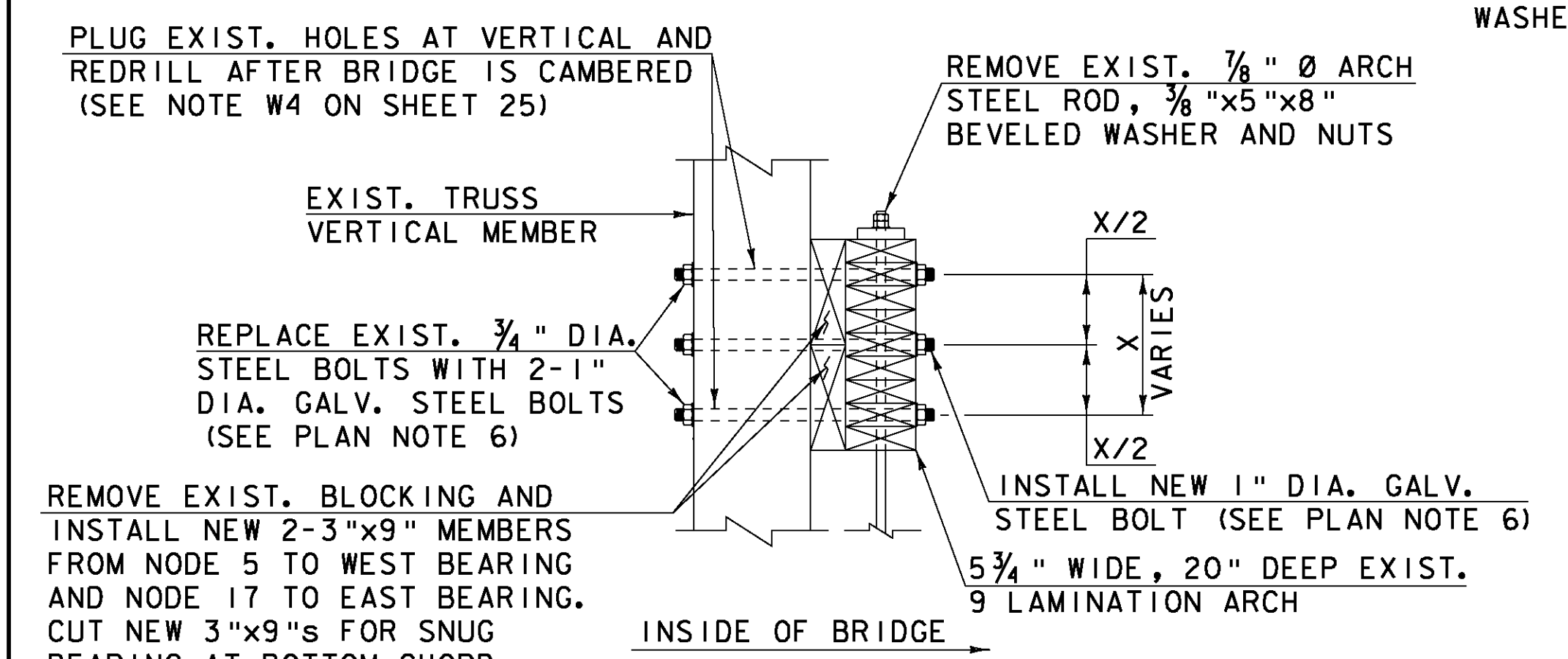
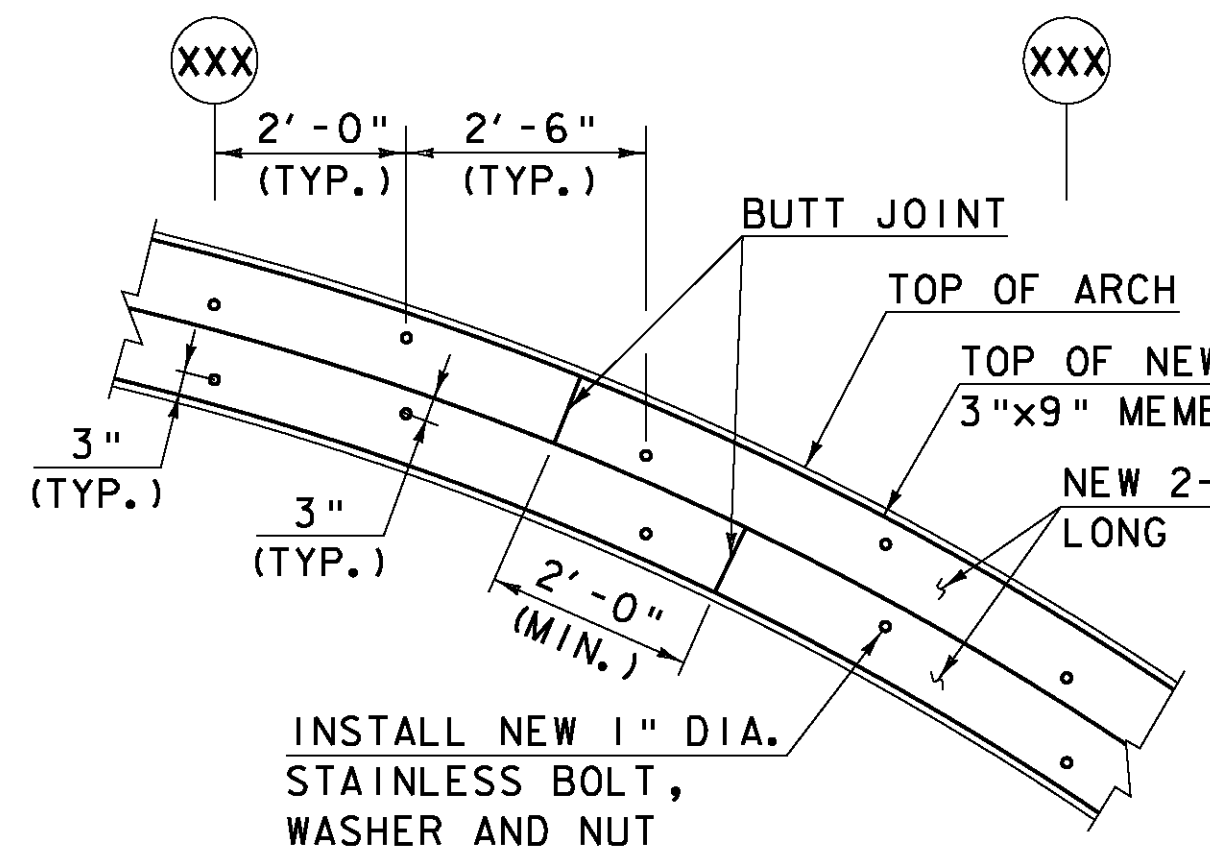
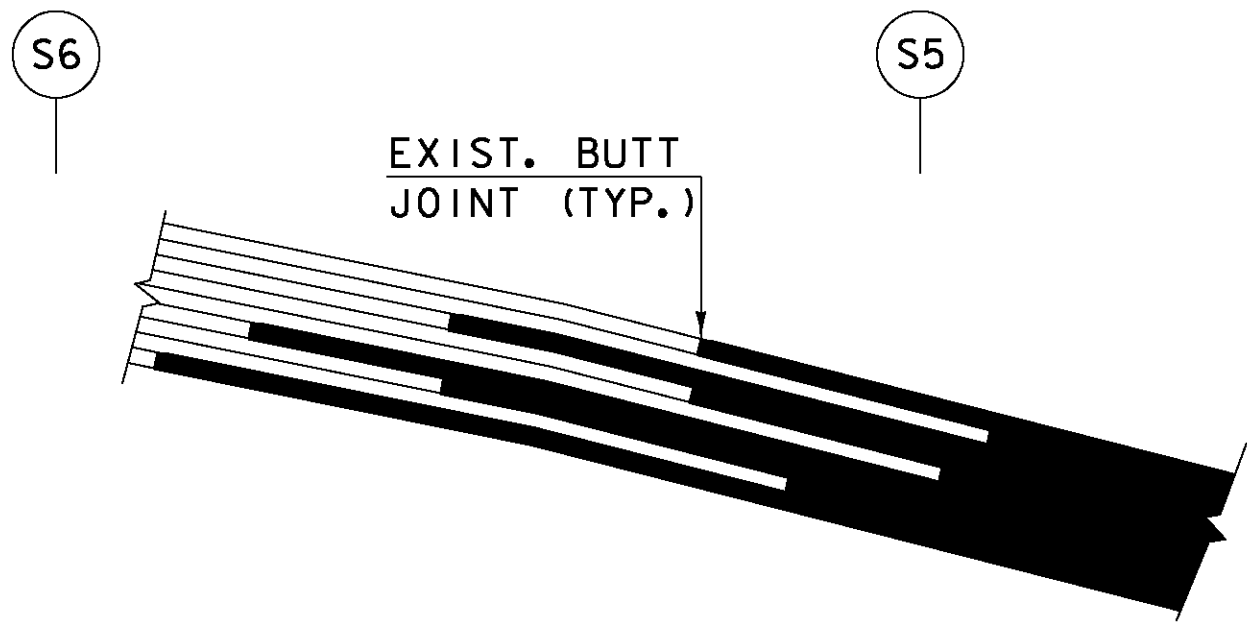
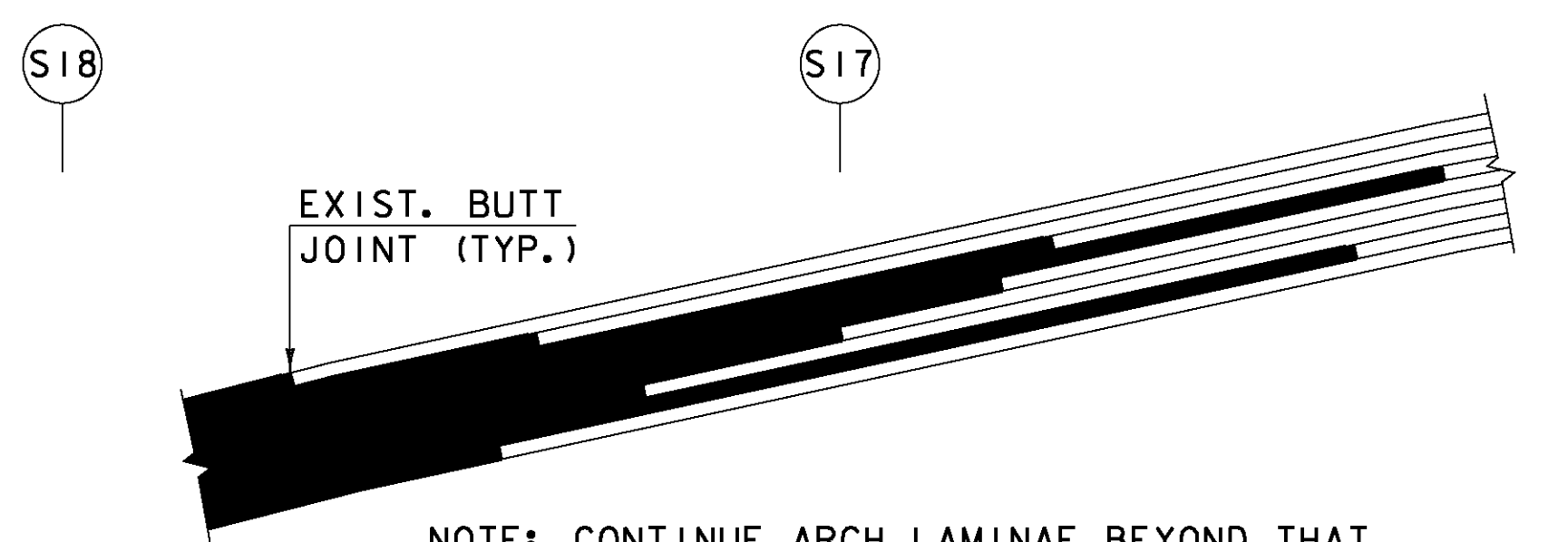


S22 S21 S20 S19 S18 S17 S16 S15 S14 S13 S12 S11 S10 S9 S8 S7 S6 S5 S4 S3 S2 S1 S0



EAST END (MIDDLEBURY)

WEST END (WEYBRIDGE)



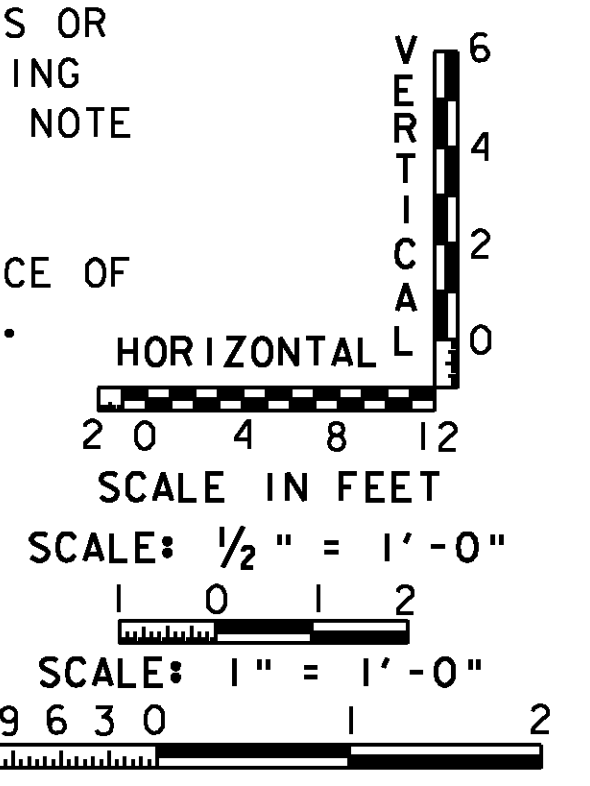
PLAN NOTES:

- ALL EXISTING THROUGH BOLTS IN THE ARCHES SHALL BE RETIGHTENED AFTER ARCH REPAIRS.
- THE EXISTING ARCH GEOMETRY VARIES AND IS HIGHLY DEFORMED IN SOME LOCATIONS. THE CONTRACTOR AND ENGINEER SHALL JOINTLY REVIEW THE ARCH GEOMETRY AND SET AN ARCH CURVATURE THAT CLOSELY MATCHES THE EXISTING UNDEFORMED ARCH RADIUS AND PROVIDE A SMOOTH TRANSITION OF SHAPE.
- AS DIRECTED BY THE ENGINEER, EXISTING HARDWARE (NUT, CARRIAGE BOLT AND OGEE WASHERS) SHALL BE SALVAGED AND USED IN LOCATIONS WHERE HARDWARE IS MISSING OR WHERE NEW HARDWARE IS CALLED FOR. ALL REUSED HARDWARE SHALL BE CLEANED, PAINTED WITH ZINC RICH PAINT AND SHALL BE IN WORKING CONDITION. PORTIONS OF THE ARCHES THAT ARE TO BE REBUILT SHALL HAVE NEW STAINLESS STEEL HARDWARE (NUT, CARRIAGE BOLT AND WASHERS).
- EXISTING NAILS BETWEEN ARCH LAMINAE ARE NOT SHOWN FOR CLARITY. REPLACE REMOVED NAILS WITH GALVANIZED NAILS OF SAME SIZE, LENGTH AND PATTERN.
- PLUG ALL HOLES IN ARCHES WITH HARDWOOD DOWELS OR AN APPROVED WOOD EPOXY AFTER REMOVAL OF BRACING RODS, ARCH RODS AND FLOOR BEAM SUPPORTS (SEE NOTE W-4 ON SHEET 25).
- INSTALL GALVANIZED OGEE WASHERS ON INSIDE FACE OF ARCH AND HEAVY WASHERS ON TRUSS VERTICAL END.

LEGEND:

XXX TRUSS NODE LOCATION

DETERIORATED PORTION OF ARCH LAMINAE TO BE REPLACED



Hoyle, Tanner & Associates, Inc.

HTA PROJECT NO. 90427 MODEL south elev

PROJECT NAME: MIDDLEBURY-WEYBRIDGE

PROJECT NUMBER: BHO 1445(33)

FILE NAME: z06j086sup6.dgn

PROJECT LEADER: M.D.SARGENT

DESIGNED BY: J.BICJA

SOUTH ARCH ELEVATION & DETAILS

PLOT DATE: 9/20/2011

DRAWN BY: J.B.MCQUAID

CHECKED BY: S.T.JAMES

SHEET 40 OF 66