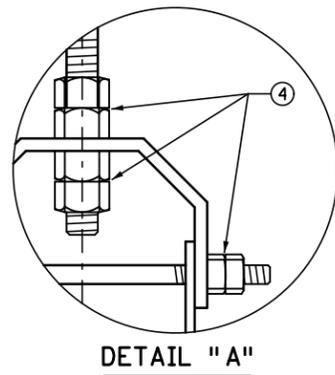
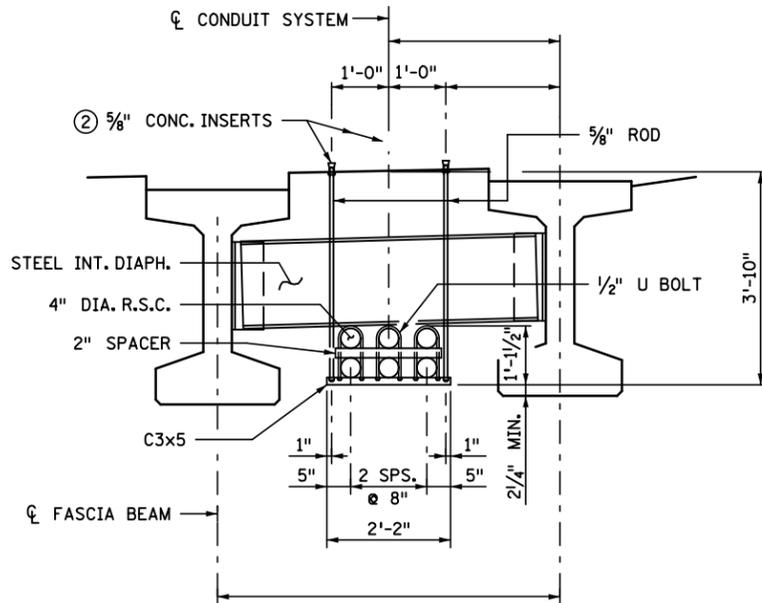


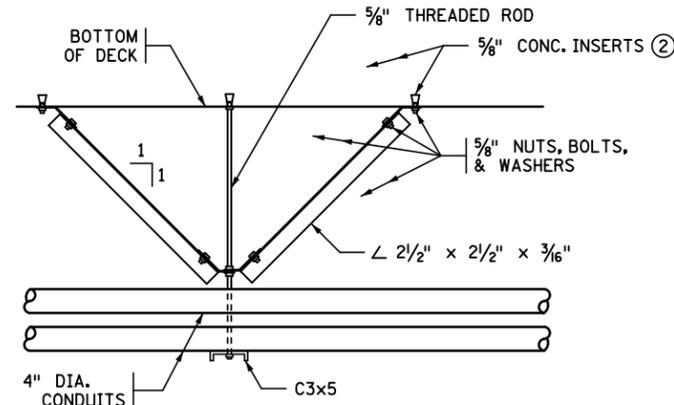
CONDUIT HANGER DETAIL
(FOR CONDUIT SYSTEM)



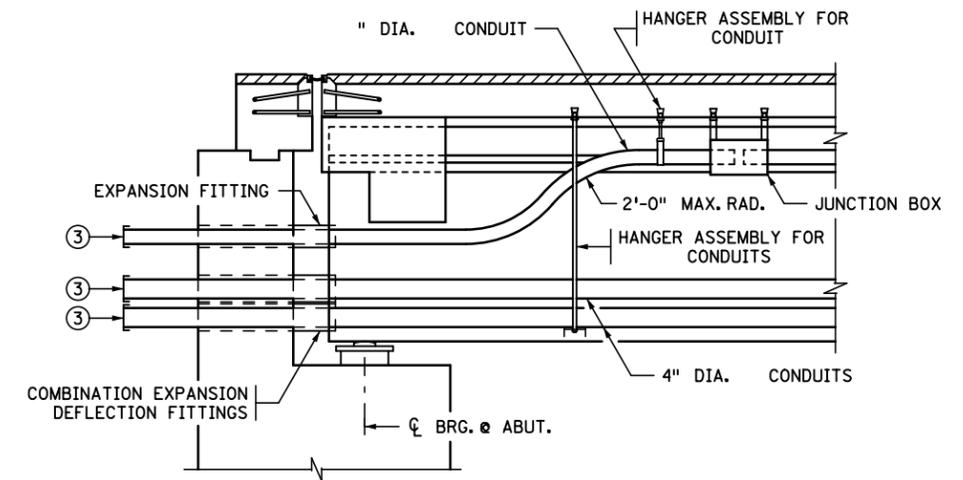
DETAIL "A"



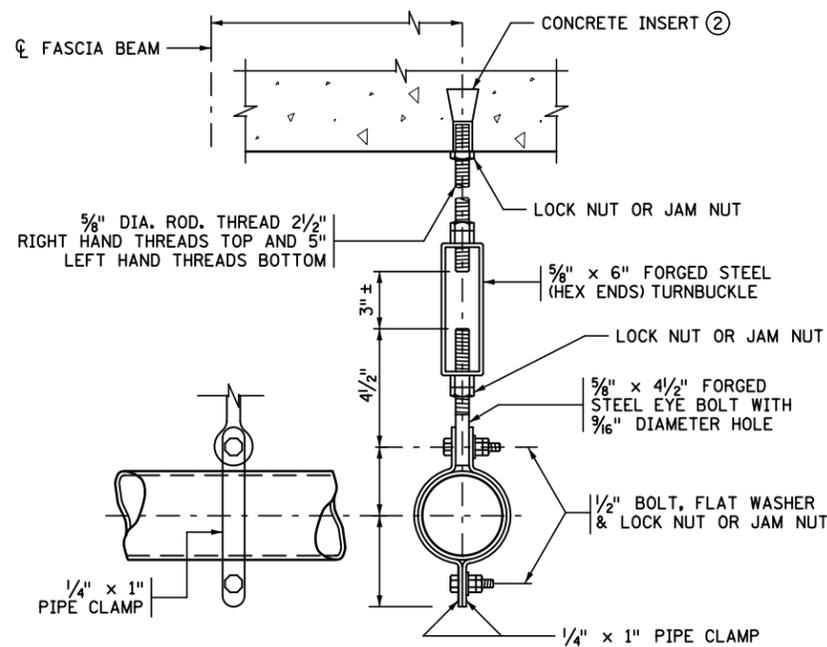
TRANSVERSE SECTION
(FOR CONDUIT SYSTEM)



CENTERING DEVICE DETAIL - SIDE VIEW
(LOCATED ONLY ON A HANGER ADJACENT TO PIER)

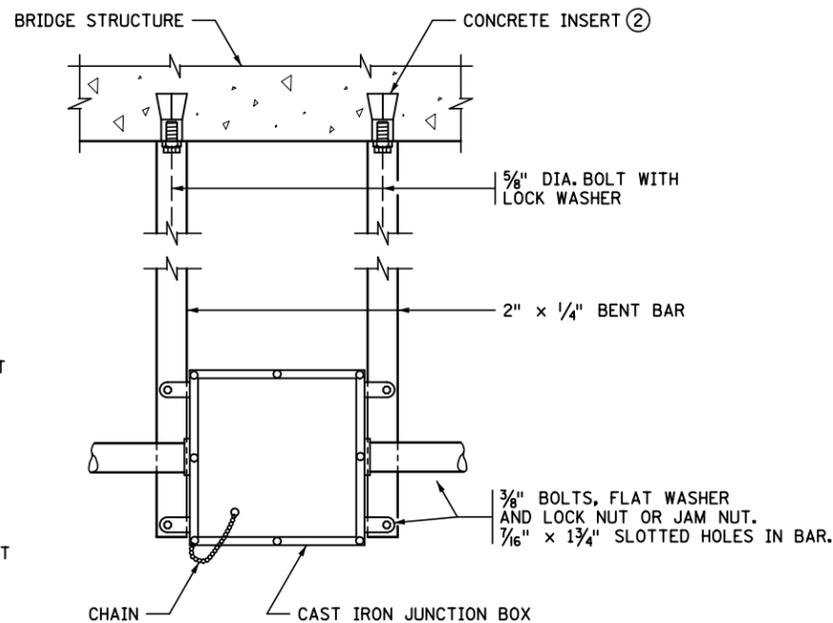


LONGITUDINAL SECTION
(FOR CONDUIT SYSTEM)



HANGER ASSEMBLY

EACH HANGER ASSEMBLY SHALL CONSIST OF CONCRETE INSERT, 5/8" DIA. ROD, PIPE CLAMPS, NUTS, BOLTS, WASHERS, TURNBUCKLE AND EYE BOLT



JUNCTION BOX DETAILS

SUMMARY OF QUANTITIES FOR CONDUIT SYSTEM ()

ITEM	UNITS
PRECAST HAND HOLES (STD. PLATE 8117)	UNITS
HANGER ASSEMBLY	UNITS
" X " CAST IRON JCT. BOX & SUPPORTS	UNITS
CONDUIT CAP	UNITS
DRAINAGE TEE	UNITS
COMBINATION EXPANSION/DEFLECTION FITTING	UNITS
" RIGID STEEL CONDUIT	LIN. FT.
" PIPE SLEEVE	UNITS

ALL MATERIAL LISTED ABOVE IS INCLUDED IN PRICE BID FOR "CONDUIT SYSTEM ()".

① SEE ABUTMENT SHEETS FOR LOCATION AND DETAILS.

GENERAL NOTES

RODS, EYE BOLTS AND PIPE CLAMPS SHALL COMPLY WITH SPEC. 3313, TYPE I.

TURNBUCKLES AND EYE BOLTS SHALL COMPLY WITH A.S.T.M. A235 CLASS A MINIMUM REQUIREMENTS.

FLAT BARS AND ANCHORAGES SHALL COMPLY WITH SPEC. 3306.

CONCRETE INSERTS SHALL BE APPROVED TYPE MALLEABLE IRON, MATERIAL AS PER SPEC. 3324, GRADE 35018. TAP AFTER GALVANIZING.

GALVANIZE BOLTS, NUTS, WASHERS, TURNBUCKLES, RODS, EYE BOLTS, AND INSERTS AS PER SPEC. 3392. GALVANIZE OTHER MATERIAL AS PER SPEC. 3394 AFTER FABRICATION.

PIPE SLEEVES SHALL COMPLY WITH SPEC. 3362.

② SPACE INSERTS AT 10'-0" MAXIMUM CENTERS.

③ CAP ENDS.

④ DOUBLE NUTS OR JAM NUTS OR LOCK NUT.

REVISION: 05-24-2012

APPROVED: SEPTEMBER 26, 2003

Samuel W. Henson
STATE BRIDGE ENGINEER

CERTIFIED BY _____ DATE _____
LICENSED PROFESSIONAL ENGINEER
NAME: _____ LIC. NO. _____

TITLE: CONDUIT SYSTEM FOR

DES: _____ DR: _____
CHK: _____ CHK: _____

APPROVED: _____
BRIDGE NO. _____
SHEET NO. OF SHEETS

FIG. 5-397.402