UTILITY HANGER DETAILS

**MINIMUM SIZE OF BOLT**

= ½". OTHER TYPES OF FASTENERS CONSIDERED ON AN INDIVIDUAL BASIS.

**CONCRETE SLAB**

**SMALL UTILITY**

**VOID CONDUCT SHALL EXTEND A MINIMUM OF 10' BEYOND BOTH ENDS OF BRIDGE (TYP.).**

**CONCRETE T-BEAM OR BOX GIRDER BRIDGES**

ATTACHMENTS INTO T-BEAM OR BOX ORDER ALLOWED ONLY IN RARE INSTANCES.

**STEEL TRUSS BRIDGE**

**STEEL DECK TRUSSES OR ARCH BRIDGE**

**STRAIGHT PIPE**

**RESIN BONDED ANCHOR BOLTS MAY BE USED WITH ROD COUPLINGS TO ATTACH HANGER RODS (TYP.).**

**RESIN BONDED ANCHORS**

SHALL BE USED WHEREVER POSSIBLE FOR ALL CONCRETE SUPERSTRUCTURE ATTACHMENTS.

**PREFABRICATED UTILITY SUPPORT KEYS**

**ANCHORAGE DETAIL**

RESIN BONDED ANCHORS SHALL BE USED WHEREVER POSSIBLE FOR ALL CONCRETE SUPERSTRUCTURE ATTACHMENTS.

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