



FORCE MAIN ON BRIDGE

WATER MAIN ON BRIDGE

NOTES

1. PIPE SHALL FEATURE MECHANICAL JOINTS.
2. PIPE SUPPORT MUST BE LOCATED ON OUTBOARD SIDES OF GIRDER. AVOID HAVING PIPE BELL AT STIFFENER LOCATIONS. AVOID HAVING SUPPORTS AT PIPE BELL LOCATIONS.
3. PROVIDE AT LEAST ONE PIPE SUPPORT PER PIPE LENGTH.
4. INSULATION SHALL BE 3-INCH POLYISOCYANURATE WITH A 0.020-INCH THICK ALUMINUM JACKET.
5. SUPPLY DIMENSIONED WORKING PLANS STAMPED BY A VERMONT LICENSED PROFESSIONAL ENGINEER WITH STRUCTURAL CALCULATIONS AND MEANS OF ATTACHMENT. REFER TO VTRANS STRUCTURES DESIGN MANUAL FOR LOADING GUIDANCE. (REFER TO KUBRICKY SUBMITTALS (59.1) FOR DETAILS PREPARED BY WILLIAM J. FRANK ENGINEERING, P.C.)
6. FOR WATER MAIN, INSTALL LOCKABLE 2-INCH CORPORATION FOR MANUAL AIR RELEASE. FOR SEWER FORCE MAIN, INSTALL AN AIR RELIEF VALVE AND INSULATED ENCLOSURE. PROVIDE WORKING PLAN TO ENGINEER FOR APPROVAL. THIS WORK SHALL BE INCIDENTAL (SEE NOTE 7).
 - A 6" X 2" SADDLE, 2" CORPORATION STOP AND DELIVER AN AIR RELEASE VALVE TO THE CITY OF RUTLAND D.P.W.
7. ALL MATERIALS, SUBMITTALS AND WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (DUCTILE IRON PIPE, CEMENT LINED, ALL-INCLUSIVE) (10" WATER ON BRIDGE) OR ITEM 900.640 SPECIAL PROVISION (DUCTILE IRON PIPE, CEMENT LINED, ALL-INCLUSIVE) (6" FORCE MAIN ON BRIDGE) AS APPLICABLE.

WATER / SEWER MAIN ON BRIDGE DETAIL

4 RECORD CHANGES CLOUD

NOT TO SCALE

RECORD DRAWING WATER AND SEWER ELEMENTS
 SOME OF THE CONTENT SHOWN ON THESE RECORD DRAWINGS HAS BEEN PREPARED BASED ON INFORMATION FURNISHED BY OTHERS. THE LOCATION OF ITEMS SHOWN WITHOUT LABELED DIMENSIONS SHALL BE CONSIDERED AS APPROXIMATE. MODIFICATIONS TO BRIDGE ELEMENTS ARE NOT ADDRESSED ON THESE RECORD PLANS. THE SITE WAS NOT RE-SURVEYED AFTER CONSTRUCTION, SO RECORD LOCATIONS, ELEVATIONS AND FINISH GRADES ARE APPROXIMATE AND SHALL BE CONSIDERED "SCHEMATIC." DETAILS AND CROSS SECTIONS MAY NOT REFLECT "AS-BUILT" CONDITIONS.

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