

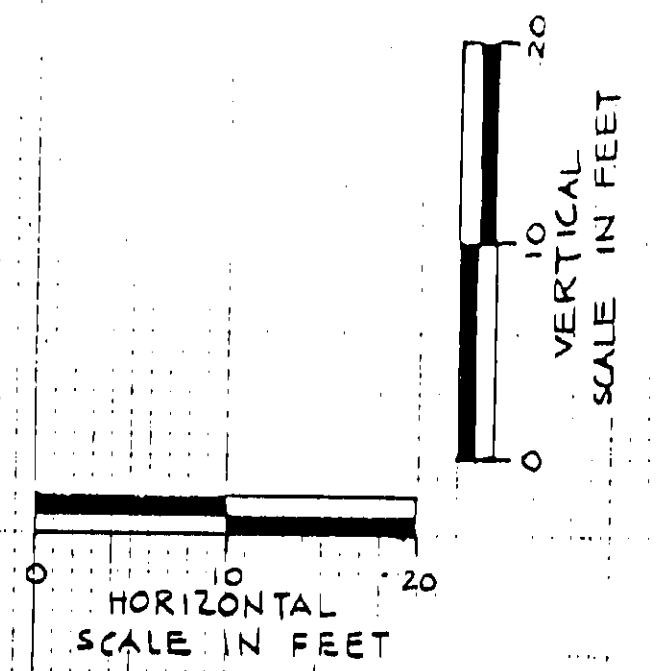
NOTES:  
 1) INVERTS OF NEW 14'-0" X 8'-7" X 10' CAAPPA MUST BE CONSTRUCTED 0.50' BELOW CHANNEL BOTTOM.  
 2) FOR SECTIONS A-A, B-B, AND C-C SEE BRIDGE SHEET 4075 FOR BAFFLE DETAILS

**PROPOSED CONSTRUCTION SEQUENCE FOR INSTALLING NEW CAAPPA:**

1. CONSTRUCT TWO-WAY DETOUR OVER NORTHERLY END OF EXISTING PIPE.
2. ATTACH PIPE EXTENSION TO THE SOUTHERLY END OF THE EXISTING PIPE. PIPE USED FOR EXTENSION SHALL BE THE SAME SIZE AS EXISTING.
3. INSTALL SOUTHERLY SECTION OF NEW PIPE ARCH.
4. CONSTRUCT NEW ROADWAY EMBANKMENT TO A MINIMUM ELEVATION OF THREE FEET OVER THE NEW PIPE WITH ROADWAY WIDTH AND SUBBASE MATERIAL AS PER SECTION 528 FOR TWO-WAY TRAFFIC.
5. SHIFT TRAFFIC AND INSTALL REMAINDER OF NEW PIPE.
6. DIVERT STREAM FLOW INTO NEW PIPE.
7. REMOVE NORTHERLY END OF EXISTING PIPE TO THE EXTENT POSSIBLE.
8. SHIFT TRAFFIC OVER THE NORTHERLY END OF NEW PIPE AND REMOVE REMAINDER OF EXISTING PIPE AND THE TEMPORARY EXTENSION.
9. CONSTRUCT REMAINDER OF NEW ROADWAY AND FINISH SLOPES.

**ADDITIONAL NOTES:**

1. THE TEMPORARY SECTION OF PIPE AND ALL DETOUR WORK AND MATERIALS WILL BE PAID FOR UNDER THE LUMP SUM BID FOR ITEM 528.11, TWO-WAY TEMPORARY BRIDGE.
2. THE CONTRACTOR MAY SUBMIT AN ALTERNATE METHOD OF INSTALLING THE NEW PIPE ARCH. THIS ALTERNATE METHOD MUST BE SUBMITTED AND APPROVED AS PER SECTION 528.
3. THE EXISTING PIPE WILL REMAIN THE PROPERTY OF THE STATE OF VERMONT AND WILL BE STORED ON THE PROJECT FOR LATER REMOVAL BY STATE FORCES.



CULVERT PROFILE & CHANNEL SECTIONS  
 STA. 418+36  
 DARIUS JAMES BROOK  
 BRIDGE SHEET 5 QR 5 SHEET 77 OF 152