

PROJECT NOTES

GENERAL

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT, AGENCY OF TRANSPORTATION, 2006 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND ITS LATEST REVISIONS AND THE 2010 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND ITS LATEST REVISIONS.
2. ALL PRECAUTIONS SHALL BE TAKEN TO PREVENT SILTATION OR POLLUTION INTO THE STREAM. REFER TO STANDARD SPECIFICATIONS, SECTION 105. ALL WATER PUMPED FROM EXCAVATION AREA SHALL BE CLARIFIED PRIOR TO BEING ALLOWED TO MIX WITH THE STREAM FLOW. STATE WATER QUALITY STANDARDS SHALL BE MAINTAINED AT ALL TIMES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STAGING SCHEME. ALL WORK MUST BE DONE IN THE DRY AND ALL NEW STRUCTURE SECTIONS AND BED MATERIAL SHALL BE COMPLETELY INSTALLED BEFORE THE STREAM IS ALLOWED TO FLOW THROUGH THEM. A TEMPORARY STREAM DIVERSION SYSTEM IS NECESSARY TO CARRY THE STREAM DURING CONSTRUCTION. THE CONTRACTOR SHALL PREPARE AND SUBMIT A TEMPORARY STREAM DIVERSION PLAN TO CARRY THE STREAM DURING CONSTRUCTION. THE PLAN SHALL DEPICT MEASURES PROPOSED TO PREVENT EROSION AND SEDIMENTATION AND MAINTAIN STREAM WATER QUALITY. THE COST OF STREAM DIVERSION, INCLUDING ANY TEMPORARY PIPING OR DE WATERING, SHALL BE PAID FOR UNDER ITEM 900.645 SPECIAL PROVISION (TEMPORARY RELOCATION OF STREAM).
4. THE FOLLOWING SHALL BE PAID FOR UNDER ITEM 529.15, REMOVAL OF STRUCTURE: REMOVAL AND DISPOSAL OF THE EXISTING METAL CULVERT INCLUDING UPSTREAM AND DOWNSTREAM CONCRETE HEADWALLS.
5. CONTRACTOR SHALL STOCKPILE THE EXISTING PLATES AND CONCRETE BARRIER ON SITE, IN A CONVENIENT LOCATION FOR PICK UP BY OTHERS.

PRECAST CONCRETE STRUCTURE

1. DESIGN OF THE PRECAST CONCRETE STRUCTURE COMPONENTS SHALL CONFORM TO ALL APPLICABLE SECTIONS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, FIFTH EDITION (2010) AND ITS LATEST INTERIM'S, THE VTRANS STRUCTURES DESIGN MANUAL, AND THE DESIGN CRITERIA INDICATED ON THE PLANS. PAYMENT WILL BE MADE UNDER THE LUMP SUM PRICE BID FOR ITEM 540.10, "PRECAST CONCRETE STRUCTURE".
2. THE CONTRACTOR SHALL SUBMIT FABRICATION DRAWINGS FOR THE PRECAST STRUCTURE AND ALL ASSOCIATED DETAILS FOR THE APPROVAL OF THE STRUCTURES ENGINEER IN ACCORDANCE WITH SUBSECTION 105.03 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION, WITH THE EXCEPTION OF REVIEW TIME. SEE SPECIAL PROVISIONS.
3. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES, EXCEPT FOR THE INTERIOR OF THE NEW STRUCTURE.
4. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".

TRAFFIC CONTROL

1. AS PART OF THE 900.645, SPECIAL PROVISION (TRAFFIC CONTROL, ALL INCLUSIVE) ITEM, THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL. SEE SPECIAL PROVISIONS.
2. THE BRIDGE SHALL BE CLOSED TO TRAFFIC DURING CONSTRUCTION.

PAVEMENT NOTES

1. 1½" OF TEMPORARY PAVEMENT SHALL BE PLACED ON TOP OF SUBBASE PRIOR TO WINTER SHUT DOWN. THE PAVEMENT NEED NOT MEET THE MIX DESIGN SUBMITTAL AND PLANT INSPECTION REQUIREMENTS SET FORTH IN SECTIONS 406 OR 490.
2. FINAL PAVEMENT SHALL BE PLACED BY OTHERS UNDER SEPARATE CONTRACT.



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