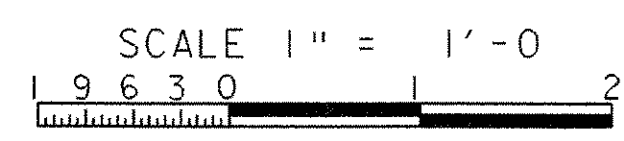


EXPANSION JOINT PLAN



EXPANSION JOINT NOTES:

1. DETAILS ON SHEET 23 AND THIS SHEET ARE FOR ITEM 516.11 "BRIDGE EXPANSION JOINT, VERMONT".
2. PREFORMED FABRIC MATERIAL SHALL BE CONTINUOUS AND SHALL CONFORM TO SUBSECTION 707.07.
3. BUTYL RUBBER TAPE SHALL CONFORM TO AASHTO SPECIFICATION M-198, TYPE 11.
4. ALL STEEL COMPONENTS SHALL BE AASHTO M270 GRADE 36 GALVANIZED OR METALIZED AS PER SUBSECTION 516.04. THREADED RODS SHALL CONFORM TO ASTM A307, GRADE C. THE NUTS FOR THE THREADED RODS SHALL BE ASTM A 563.
5. THE ITEM "BRIDGE EXPANSION JOINT, VERMONT" SHALL INCLUDE THE FABRICATION AND ERECTION OF THE COMPLETE JOINT ASSEMBLY INCLUDING ALL STEEL PLATES, BOLTS, BRACKETS, ANGLES, WELDED STUDS OR RODS, PREFORMED FABRIC DRAIN TROUGH MATERIAL, BUTYL RUBBER TAPE AND ANY OTHER MISCELLANEOUS MATERIAL NECESSARY TO INSTALL JOINT.
6. PAYMENT FOR DRILLING HOLES IN THE GLULAM DECK AND FLOOR BEAM SHALL BE INCIDENTAL TO 522.40 "STRUCTURAL GLUED LAMINATED TIMBER", AND 506.60 "STRUCTURAL STEEL"
7. COAT CONCRETE CONTACT SURFACES WITH EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION 516.05. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 516.11 "BRIDGE EXPANSION JOINT, VERMONT".
8. FILL COUNTERBORED HOLES WITH HOT POURED JOINT SEALER (STD. SPEC. 707.04) AFTER BOLT INSTALLATION. PAYMENT FOR THE WORK SHALL BE INCIDENTAL TO ITEM 516.11.
9. PAYMENT FOR WATERSTOP SHALL BE INCIDENTAL TO THE CONCRETE PAY ITEM.
10. A DRIP BEAD OF 1/4"x7" STRIP OF PREFORMED MATERIAL SHALL BE CEMENTED TO THE BOTTOM OF THE FABRIC TROUGH USING AN ADHESIVE APPROVED BY THE MANUFACTURER. THE DRIP BEAD SHALL BE APPLIED 1" FROM THE DOWNSPOUT END OF THE TROUGH.
11. FABRIC TROUGH SHALL BE THOROUGHLY CLEANED AND FLUSHED AFTER PAVING OPERATION.

PROJECT: NEW HAVEN - WEYBRIDGE	PROJECT NO.: BHO-BTN 2005 (1)
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SQUAD LEADER: C.P. WILLIAMS	EXPANSION JOINT PLAN/WATERSTOP
	SHEET: 24 OF 53