

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 2002 AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION AND ITS LATEST INTERIM REVISIONS.
2. ALL DIMENSIONS SHOWN IN THE PLANS ARE HORIZONTAL OR VERTICAL AT 68 °F (20 °C).

CONSTRUCTION

1. WATER QUALITY. PREVENT POLLUTION, AND DISCHARGE OF SILT OR RAW CONCRETE INTO THE WATERWAY AS DIRECTED BY THE RESIDENT ENGINEER.
2. IN-STREAM CONSTRUCTION. PERMITS DESIGNATE AND LIMIT THE PERIOD FOR IN-STREAM CONSTRUCTION. THE AGENCY OF NATURAL RESOURCES MUST APPROVE ANY DEVIATION FROM THIS PERIOD IN WRITING.

TRAFFIC CONTROL

1. ITEM 528.10 "ONE-WAY TEMPORARY BRIDGE". MAINTAIN TRAFFIC DURING CONSTRUCTION ON A ONE-WAY TEMPORARY BRIDGE WITH PAVED APPROACHES CONSTRUCTED UPSTREAM OF THE EXISTING STRUCTURE. PAYMENT FOR THIS ITEM SHALL INCLUDE THE DESIGN, DETAIL, AND IMPLEMENTATION OF THE METHOD OF SEPARATING THE TRAVELING PUBLIC FROM THE NEW BRIDGE CONSTRUCTION.
2. ITEM 641.10 "TRAFFIC CONTROL". ERECT AND MAINTAIN ALL TEMPORARY ON AND OFF-PROJECT SIGNS AND BARRICADES AS SHOWN IN THE PLANS AND AS DIRECTED BY THE RESIDENT ENGINEER. MAINTAIN FULL ACCESS TO ALL SIDE ROADS AND DRIVES WITHIN THE PROJECT LIMITS AT ALL TIMES.

UTILITIES

1. THE TELEPHONE LINES IN CONDUIT ON THE BRIDGE ARE NO LONGER IN SERVICE.

PARTIAL REMOVAL OF STRUCTURE

1. ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE" SHALL INCLUDE THE REMOVAL OF THE EXISTING SUPERSTRUCTURE AND ANY PORTION OF THE EXISTING SUBSTRUCTURES NOT REMOVED UNDER OTHER CONTRACT ITEMS.
2. ITEM 529.20 "PARTIAL REMOVAL OF STRUCTURE". EXISTING BEAMS WILL REMAIN THE PROPERTY OF THE TOWN OF LINCOLN. THE CONTRACTOR SHALL REMOVE THE BEAMS AND PLACE THEM ON TRANSPORT EQUIPMENT PROVIDED BY THE TOWN. CONTACT ART PIXLEY, LINCOLN ROAD COMMISSIONER AT (802) 453-3703. COSTS ASSOCIATED WITH THIS WORK SHALL BE INCIDENTAL TO ITEM 529.20.

REINFORCED CONCRETE

1. ITEM 501.33 "CONCRETE, HIGH PERFORMANCE CLASS A". USE THIS CONCRETE FOR THE BACK WALLS, DECK, CURB, AND SIDEWALK.
2. ITEM 501.34 "CONCRETE, HIGH PERFORMANCE CLASS B". USE THIS CONCRETE FOR THE APPROACH SLABS, AND SUBSTRUCTURES. PAYMENT FOR THIS ITEM SHALL INCLUDE INSTALLING THE BRIDGE PLAQUE PROVIDED BY THE AGENCY.
3. CONCRETE JOINTS. CONSTRUCT CONCRETE JOINTS AS INDICATED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. CONSTRUCT SHEAR KEYS MONOLITHICALLY AND CONTINUOUSLY UNLESS OTHERWISE INDICATED. TERMINATE SHEAR KEYS 6" (150 MM) FROM ENDS OF JOINTS. IN HORIZONTAL JOINTS, PLACE SHEAR KEYS UPWARD.
4. CHAMFERS. CHAMFER ALL EXPOSED EDGES OF CONCRETE WITH 1" X 1" (25 MM BY 25 MM) CHAMFERS, UNLESS OTHERWISE NOTED. ROUND THE TOP INSIDE CORNER OF CURBS WITH A ½" (15 MM) RADIUS.
5. SCORE MARKS. CONSTRUCT SCORE MARKS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. SUPPLEMENTAL SPECIFICATION 514.10 "WATER REPELLENT, SILANE". APPLY REPELLENT TO ALL EXPOSED SURFACES OF CONCRETE ON THE BRIDGE, EXCEPT THE BOTTOM OF THE DECK BETWEEN THE DRIP NOTCHES.

STRUCTURAL STEEL

1. NEW STRUCTURAL STEEL SHALL BE AASHTO M270, GRADE 50W (AASHTO M270M, GRADE 345W) UNLESS OTHERWISE NOTED.
2. ITEM 506.55 "STRUCTURAL STEEL, PLATE GIRDER". PAYMENT FOR THIS ITEM SHALL INCLUDE ALL COMPONENTS OF PLATE GIRDERS, AND CROSS FRAMES.
3. CHARPY V-NOTCH TEST. TEST STRUCTURAL STEEL MEMBERS DESIGNATED "CVN" IN THE PLANS IN ACCORDANCE WITH SUBSECTION 714.01.
4. BOLTS FOR ALL BOLTED FIELD CONNECTIONS SHALL BE 7/8" (22 MM) DIAMETER HIGH STRENGTH BOLTS IN 15/16" (24 MM) DIAMETER HOLES UNLESS OTHERWISE NOTED.
5. CONNECTIONS NOT SHOWN IN THE PLANS SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL.
6. GIRDER PROFILES. AFTER THE SUPERSTRUCTURE STEEL HAS BEEN SET ON THE ANCHOR BOLTS, TAKE ELEVATIONS ALONG THE TOP OF THE GIRDERS AS DIRECTED BY THE RESIDENT ENGINEER FOR DETERMINING HAUNCH DEPTHS.
7. FLEMING BRACKETS OR SIMILAR FALSEWORK. SPACE FLEMING BRACKETS OR SIMILAR FALSEWORK AS REQUIRED BY DESIGN WITH A MAXIMUM SPACING OF 4' (1200 MM). THE DESIGN OF FALSEWORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES

PROJECT NAME:	LINCOLN
PROJECT NUMBER:	BRO 1445 (25)
FILE NAME:	s961266gen.dgn
PROJECT LEADER:	R. WHITCOMB
DESIGNED BY:	T. LACKEY
GENERAL NOTES	
PLOT DATE:	29-JAN-2009
DRAWN BY:	T. LACKEY
CHECKED BY:	R. WHITCOMB
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