



GENERAL NOTES

- SPECIFICATIONS:**
 All materials and construction shall conform to the State of Vermont, Department of Highways, Standard Specifications for Highway and Bridge Construction dated April, 1964, and the A.A.S.H.O. Standard Specifications dated 1965, as modified by current Interim Specifications.
- LIVE LOAD:**
 Structure designed for HS-20-44 loading modified for National System of Interstate Highways applied in accordance with the provisions of the A.A.S.H.O. Standard Specifications, Article 1.2.8.
- CONCRETE:**
 All exposed edges of concrete shall be chamfered 1" x 1" unless otherwise noted. All construction joints to be made as shown on SCB-D6-67, details B and C, unless otherwise noted.
- REINFORCEMENT:**
 All reinforcement to have a clear cover of 2", unless otherwise noted.
- DIMENSIONS:**
 All dimensions given are measured horizontally or vertically unless otherwise noted. Dimensions given are for 68" F, unless otherwise noted. Elevation datum, sea level, based on nearest U.S. Government vertical control.
- STRUCTURAL STEEL:**
 Item 404-A shall include all structural steel, copper, wrought iron, and any other materials indicated or required in the completed structure which are not otherwise classified. All structural steel shall be structural carbon steel conforming to the requirements of the specifications for steel bridges and buildings ASTM Designation A-36-62T, except as otherwise noted. The contractor shall submit complete details of the structural steel to the State of Vermont, Department of Highways, and receive their written approval prior to the start of fabrication. The steel details shall include provisions for cambering of beams for dead load deflection as well as erection diagrams and falsework details. The final coat of field paint shall be green.
- WATER REPELLENT:**
 The top surfaces of safety walks, fascia and back to the fascia beam under the slab, and on exposed areas of abutments not otherwise treated and the area inside the abutments shall be covered with water repellent (Item 410).
- FIELD BOLTING:**
 Field bolted connections shall be made with $7/8" \phi$ A325 High Strength bolts. A490 bolts are not allowed.
- ABUTMENTS:**
 The top surfaces of all abutments shall be sloped $1/4"$ per foot from the front edge of abutment curtainwalls, except for bearing pads projecting 1" or more above the general area, which surfaces shall be level. Elevations of bridge seats given are for centerline of bearings. The entire exposed top surface of abutments shall be coated with Asphaltic-Asbestos Coating, $1/2"$ thick, as per Item 407 of the specifications. The application of this item shall be after all painting and incidental items are completed. Fill inside the abutments shall be graded to 3" above the bottom of the exterior concrete girders of the abutment section and shall meet the requirements of Item 105.
- PILES:**
 Cast-in-place piling or steel piling will be chosen by alternate bids. Vertical Design Loads 40 tons/pile (12" ϕ cast-in-place); 58 tons/pile (12" BP 53 steel) Horizontal Design Load 10 tons per pile. Steel piling shall be driven to edge. Cast-in-place piling shall be driven to the lengths indicated on the plans unless otherwise directed by the Engineer. Care shall be taken not to damage the tip of the cast-in-place piles.
- GENERAL:**
 Cross slopes of the approach slabs to conform to the cross slope of the bridge. All expansion material shall be premealed cork containing no bitumen or asphalt.
- BITUMINOUS CONCRETE PAVEMENT:**
 Bituminous concrete pavement, Item 361 Modified, Type II, shall be applied in two courses.

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VERMONT
 STATE HIGHWAY DEPARTMENT
 TOWN OF CASTLETON
 U.S. ROUTE 4
 U.S. RTE. 4 RELOCATION
 OVER RTE. 30 RELOC.
 PLAN AND ELEVATION

DESIGNED BY: [] CHECKED BY: [] DATE: 9-16-68
 DRAWN BY: [] IN CHARGE: HGC SCALE: AS SHOWN
 PROJECT NO. APO20K01SH 152 OF 221
 CONTRACT NO. F (2) BR 1001