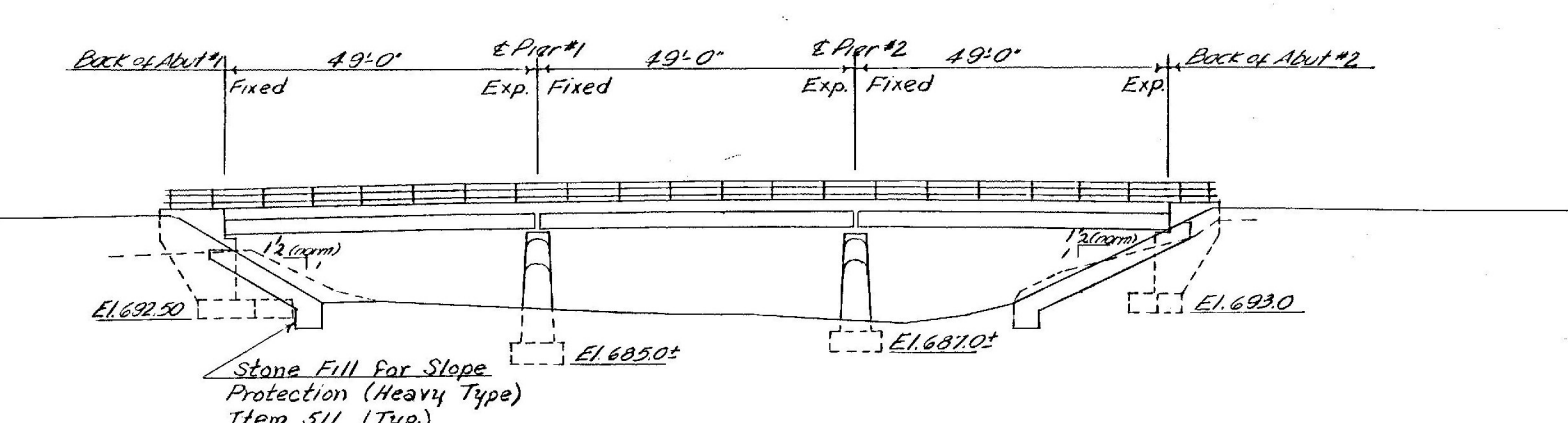


PLAN
Scale 1" = 20'-0"

P.V.I.
447+50
Elev. 711.00
2.00' V.C.
+1.333% -2.225%



ELEVATION
Scale 1" = 20'-0"

STANDARD DRAWINGS

SCB-D1-67	1-24-68
SCB-D6-67	1-24-68
SCB-D6-67, Det. A, B, & E	1-24-68
SCB-D7-67, Det. A, D, & E	1-24-68
SCB-D8-67, Det. A	1-24-68
SCB-D9-67, Det. A	1-24-68
SB-R1-64, Sh. 1 of 2	1-31-68 R
SB-R1-64, Sh. 2 of 2	11-8-66 R
G-10	3-18-67

INDEX OF SHEETS

BR 100	Plan, Elevation, & General Notes
BR 101	Quantity Sheet
BR 102	Borings
BR 103	Typical Section, Framing Plan, & Details
BR 104	Curb and Railing Layout & Railing Detail
BR 105	Pier Joint Detail
BR 106	Abutment No. 1
BR 107	Abutment No. 2
BR 108	Pier No. 1 & Pier No. 2
BR 109	Approach Slabs - Plan & Detail
BR 110 & 111	Reinforcing Schedule
BR 112-114	Channel Sections

LYNDON
BF MEMB(39)
SHEET 14 OF 28
BRIDGE 144
FOR REFERENCE ONLY

Std. G-10 Added
12-2-68 W. C. Papp

- GENERAL NOTES
- Elevation Datum is based on Bench Mark #10, Elevation 709.74.
 - Removal of existing portions of Abutment and Pier Concrete shall be paid for as Solid Rock Excavation, Item 103-B, Modified. Where called for on the Plans, the existing reinforcing steel shall be carefully preserved to allow for use in future work. Any bars thus called for which are damaged or bent beyond use shall be replaced by welding new sections of bars to the existing at the Contractor's expense.
 - The existing concrete deck and rail shall be removed as Item 442, Removal of Present Superstructure. Care shall be taken not to damage existing steel beams which are to remain the property of the State, as detailed in Note 13 below.
 - All Piling shall be Item 503-B, Treated Timber Piling. Lengths shown on the Plans are estimated lengths; order lengths shall be such as are determined by test piles at each substructure unit. Piling design loading is 20 Tons per pile maximum. Pile Loading Tests, Item 505, shall be used only when ordered in writing by the Engineer.
 - For details of construction joints see Std. SCB-D6-67, Det. B.
 - Wing Wall sections are not to be placed above adjacent bridge seat elevation until beams have been profiled and final grade determined by the Engineer.
 - All existing 30 inch beams are to be re-used in new positions as indicated on the Framing Plan. Existing beams are to be cleaned as specified under Item 508-B, Flame Cleaning and Painting of Structural Steel, or Item 508-C, Sandblast Cleaning and Painting of Structural Steel, and are to receive three coats of paint as specified under Item 508.02. Existing beams are to be fitted for new bearing devices and diaphragms, and are to have new cover plates welded to the bottom flanges and shear connectors welded to the top flange. The cost of cleaning and painting all existing steel shall be paid for as Item 508-B, Flame Cleaning and Painting of Structural Steel. The cost of furnishing and attaching shear connectors to new and existing beams shall be paid for as Item 403 Shear Connectors. All new structural steel shall be paid for at the unit price bid for Item 404-A, Structural Steel.
 - The cost of removing and resetting existing steel beams shall be included in the Lump Sum bid for Item 442, Removal of Present Superstructure.
 - Bridge Railing shall be standard Aluminum Railing as detailed on BR 104 and Std. SB-R1-64, Sh. 1 & 2 of 2.
 - See SCB-D1-67 for additional General Notes.
 - All new batters and chamfers adjacent to existing concrete shall be constructed to match existing detail.
 - The Contractor shall submit details of Temporary Bridge and approach, including alignment, and receive approval from the State prior to installation. The approaches shall be treated with a Tack Coat as specified under Item 316-B, Tack Coat, Type 1-A. Cost of Tack Coat shall be included in the Lump Sum bid for Item 441-B.
 - The cost of drilling and grouting new reinforcing steel into existing concrete shall be included in the unit price bid for Reinforcing Steel, Item 402.

STATE OF VERMONT	
DEPARTMENT OF HIGHWAYS	
PROJECT	LYNDON
TOWN OF	LYNDON
ROUTE No.	U.S. #5 LOG STA. 191+97
U.S. ROUTE #5 OVER PASSUMPSIC RIVER	
PLAN, ELEVATION, & GENERAL NOTES	
SCALE	AS NOTED
SECTION SUPERVISOR	R. HAVET
DRAWN BY	K. TAIRE CHECKED BY E. COSTELLO
PROJECT No.	BB-041-5-68-93
SHEET	14 OF 28 BR 100