

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
PROPOSED IMPROVEMENT

TOWNS OF BOLTON & RICHMOND  
COUNTY OF CHITTENDEN  
MONTPELIER - BURLINGTON ROAD  
CONTRACT NO. 2  
ROW PROJECT I 89-2(8)

Pin # 998782

- 1- T.M. Sheets
- 2- Typical Sections (Interstate Roadway) Bituminous Concrete Pavement, Item 351-B (Mod.)
- 3- Typical Sections (U.S. 2) Resurfacing No. 97
- 4- Typical Sections (Other Road)
- 5- Utility Sheets (Pipes)
- 6- Utility Sheets (Drainage)
- 7- Grade Sheets
- 8- Bridge Sheets
- 9- Alignment Data Sheets
- 10- E.M. & Profile Sheets
- 11- Traffic Sign Location Plan
- 12- Traffic Sign Summary & General Notes
- 13- A-61 Drilling & Blasting of Solid Rock Subgrade
- 14- B-1 Boring Tables
- 15- B-5 Typical Slope Grading
- 16- W-10 Embankment on a Slope
- 17- B-11 Underdrain in Shattered Rock Subgrade
- 18- P-17 Concrete Curb Roll on Bridges
- 19- C-1 Curb
- 20- D-2 Drainage
- 21- D-3 Treated Curbs
- 22- D-4 Reinforced Concrete Drop Inlet
- 23- D-10 Drop Inlet Top
- 24- D-11 Catch Basin, Manhole and D. Gates and Covers
- 25- D-13 Concrete Catch Basin or Manhole
- 26- E-1 Barricades, Signs and Lights (Roadway)
- 27- E-2 Traffic Signs (Regulatory)
- 28- E-3 Standard Sign Placement
- 29- E-4 Delineators
- 30- E-5 Federal-Aid Construction Identification Signs
- 31- F-1 Property Line Fence
- 32- G-2a Two Cable Guard Rail
- 33- G-3 Three Cable Guard Rail
- 34- G-4 Worker Posts, Guide Posts, Plank Guard Rail
- 35- J-1 Project & Secondary Mirrors
- 36- SCB-30-60 Superstructure Details, WF Beam Bridges, 50' Roadway
- 37- SCB-34-60 Superstructure Details, WF Beam Bridges, 36' Roadway
- 38- SCB-50-60 Details of WF Beam Bridges
- 39- SB-50-60 Bridge Rolling and Granite Curb
- 40- F&B-20-60 Construction Details for WF Beam Bridges
- 41- SB-2-2-56 Expansion Joints for Reinforced Concrete Bases
- 42- SB-22-60 Detail of Expansion Joint Over Piers and at Abutments
- 43- SC-1 Standard Concrete Box Culverts

- STRUCTURE NO. 21 (Interstate Bridge Over West Bolton Town Highway Sta. 1306+15)
- 91 General Plan & Elevation
- 92 Profiles & Sections
- 93 Boring Logs
- 94-97 Details of North & South Abutments
- 98-99 Piers, Framing Plan & Rolling Plan
- 100-103 Approach Slab Details
- 104-106 Reinforcing Steel Schedule
- STRUCTURE NO. 22 (Interstate Bridge Over Existing U.S. 2 Sta. 1327+70)
- 107-108 General Plan & Elevation
- 109 Profiles & Sections
- 110 Boring Logs
- 111-114 Details of East & West Abutments
- 115-116 Piers
- 117 Framing Plan & Rolling Plan
- 118-121 Approach Slab Details
- 122-124 Reinforcing Steel Schedule
- 125A Details of 20'0" X 12'9" RC BOX (T-compass)
- 125B at Lt. Lane Sta. 1271+50
- 125C Details of 16'5" X 15'4" C&M.P.P.A. (T-compass)
- 125D at Lt. Lane Sta. 1280+00 & Rt. Lane Sta. 1280+70
- 127-132 Details of 12'6" C&M.P.P.A. of Lt. Lane Sta. 1278+43.2, Rt. Lane Sta. 1278+51.5 and U.S. 2 Reclamation No. 9 Sta. 1279+36.6
- 133-134 Details of 72" C&M.P.P.A. of Rt. Lane Sta. 1308+40
- 135 Plan, Section & Details
- 136 Reinforcing Steel Schedule
- 137-138 Cross Sections
- 139 CROSS SECTIONS (OMITTED)
- 140-141 FINAL EARTHWORK SHEETS
- 142-143 EXTRA SECTIONS
- 144 STEEL & WOOD PRINTS

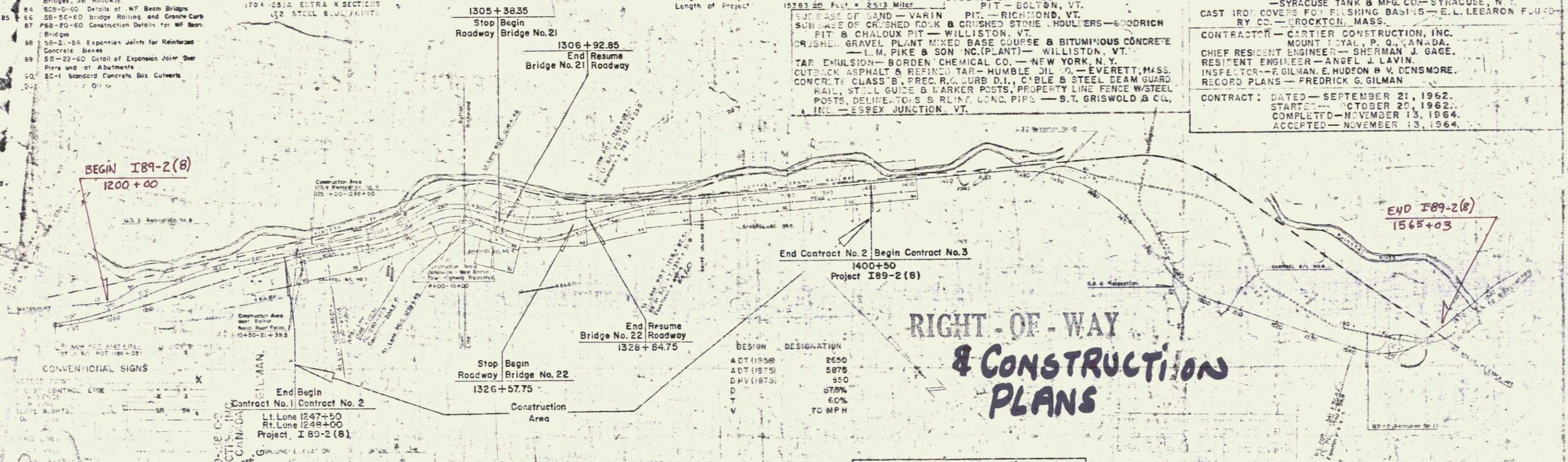
Begin at a point 0.921 miles westerly of the Bolton-Richmond Town Line and extending northwesterly 2.913 miles

Length of Roadway	15001.22 Feet = 2.841 Miles
Length of Bridges	381.50 Feet = 0.072 Miles
Length of Project	15382.72 Feet = 2.913 Miles

PROJECT NAME & NUMBER TYPE PAVT. AREA  
BOLTON-RICHMOND I 89-2(8) BIT. CONC 82.0+4 S.Y.

RECORD PLANS  
MATERIALS  
SUBBASE OF GRAVEL - VARIN PIT - RICHMOND, VT.  
SUBBASE OF CRUSHED ROCK & CRUSHED STONE - HOULTERS - GOODRICH PIT & CHALOUX PIT - WILLISTON, VT.  
CRUSHED GRAVEL MIXED BASE COURSE & BITUMINOUS CONCRETE L.M. PIKE & SON INC. (PLANT) - WILLISTON, VT.  
TAR EMULSION - BORDEN CHEMICAL CO. - NEW YORK, N.Y.  
CUTBACK ASPHALT & REFINED TAR - HUMBLE OIL CO. - EVERETT, MASS.  
CONCRETE CLASS 'B', PREC. R.C. CURB D.I., CABLE & STEEL BEAM GUARD RAIL, STEEL GUIDE & MARKER POSTS, PROPERTY LINE FENCE W/STEEL POSTS, DELINEATORS & RAILING CONC. PIPE - S.T. GRISWOLD & CO., INC. - ESSEX JUNCTION, VT.

STRUCTURAL STEEL & BRIDGE RAILING - VERMONT STRUCTURAL STEEL CORP. - BURLINGTON, VT.  
REINFORCING STEEL - REPUBLIC STEEL CORP. - BUFFALO, N.Y.  
BRIDGE PAINT - DRUSTO-MASTER BRONZE - POWLER CO. - CHICAGO HEIGHTS, ILL.  
JOINT SEALER - HOT Poured ELASTIC TYPE - TOCH BROTHERS, INC. - PATTERSON, N.J.  
SYRACUSE TANK & MFG. CO. - SYRACUSE, N.Y.  
ASPH. CTD. CORR. GALV. METAL PIPE - SYRO STEEL CO. - GIFFARD, O.  
CAST IRON COVERS FOR FLUSHING BASINS - E.L. LEBARON FLUID-RY CO. - BROCKTON, MASS.  
CONTRACTOR - CARTIER CONSTRUCTION, INC. - MOUNT ROYAL, P. Q., CANADA.  
CHIEF RESIDENT ENGINEER - SHERMAN J. GAGE.  
RESIDENT ENGINEER - ANGEL J. LAVIN.  
INSPECTOR - R. GILMAN, E. HUDSON & V. DENSMORE.  
RECORD PLANS - FREDRICK G. GILMAN  
CONTRACT DATED - SEPTEMBER 21, 1962.  
STARTED - OCTOBER 20, 1962.  
COMPLETED - NOVEMBER 13, 1964.  
ACCEPTED - NOVEMBER 13, 1964.



CONVENTIONAL SIGNS

End Begin Contract No. 1 | Contract No. 2  
Contract No. 1 | Contract No. 2  
Lt. Lane 1247+50  
Rt. Lane 1248+00  
Project I 80-2(6)

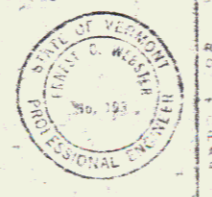
Stop Begin Roadway Bridge No. 22  
1326+57.75

End Resume Roadway Bridge No. 21  
1306+92.85

Stop Begin Roadway Bridge No. 21  
1305+38.35

DESIGN	DESIGNATION
ADT (1958)	2650
ADT (1975)	5875
DHV (1975)	950
D	575%
T	60%
V	70 MPH

WEBSTER-MARTIN, INC.  
Submitted October 3, 1961  
Date



THESE PLANS AND SPECIFICATIONS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BOARD OF PUBLIC WORKS OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION TO BE CARRIED ON IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE CONSTRUCTION OF THE STATE OF VERMONT, INCLUDING ALL SUPPLEMENTARY PUBLIC WORKS AND SPECIFICATIONS, INCLUDING ALL SUPPLEMENTARY APPROVED REVISIONS AND SUCH REVISIONS, DATUMS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

MP 71.58 - 78.52

10/24/61

Const + 1000