STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

FEDERAL AID SECONDARY

PROPOSED IMPROVEMENT

TOWN OF WESTON
COUNTY OF WINDSOR
VERMONT ROUTE 100

BEGINNING AT A POINT APPROXIMATELY 0.517 MILE NORTH OF THE LONDONDERRY, WESTON TOWN LINE AND EXTENDING NORTHEASTERLY 0.214 MILE.

LENGTH OF ROADWAY 1017.85 FEET 0.193 MILE
LENGTH OF BRIDGE 112.95 FEET 0.021 MILE
LENGTH OF PROJECT 1130.8 FEET 0.214 MILE

WESTON ER SO 133(4)
RECORD PLANS

MATERIALS

GRANULAR BORROW - TRUARCE PIT, LONDONDERRY, VT.
DONNIS & HOWE PIT, ANDOVER, VT.
SUBBASE OF GRAVEL - DONNIS & HOWE PIT, ANDOVER, VT.
BIT. CONC. PAVEMENT - WHITCOMB CONST. CORP., WALLINGFORD, VT.
METAL PIPES - NORTHEASTERN CULVERT CORP., WESTMINSTER, VT.
PRECAST DROP INLET - HUME PIPE CORP., WINDSOR, VT.
CAST IRON GRATE - E.L. LeBARON FOUNDRY CO. BROCTON, MASS.
GUARD RAIL ITEMS - GRISWOLD FENCE CO. INC. ESSEX JCT. VT.
ALUM. APPROACH RAIL - WARD WELLER CO., INC NATIK, MASS.
CONCRETE CL. A & B - CARRARA & SONS INC., N. CLARENDEN, VT.
AIR ENTRAINING ADMIXTURE, RETARDING ADMIXTURE, JOINT MATERIAL - W. R. GRACE & CO., CAMBRIDGE, MA.
STRUCTURAL STEEL, SHEAR CONNECTOR - VT. STRUCTURAL STEEL CORP. BURLINGTON, VT.
REINF. STEEL - BETHLEHEM STEEL (PIONEER VALLEY)
ALUM. BRIDGE RAIL - WARD WELLER CO., INC., NATICK, MA.
EPOXY COATING - KIBEY EQUIPMENT, WHITE RIV. JCT.

CONTRACT DATED MAR. 20, 1974
CONTRACT STARTED APR. 17, 1974
CONTRACT COMPLETED SEPT. 5, 1975
CONTRACT ACCEPTED - SEPT. 12, 1975

INDEX OF SHEETS

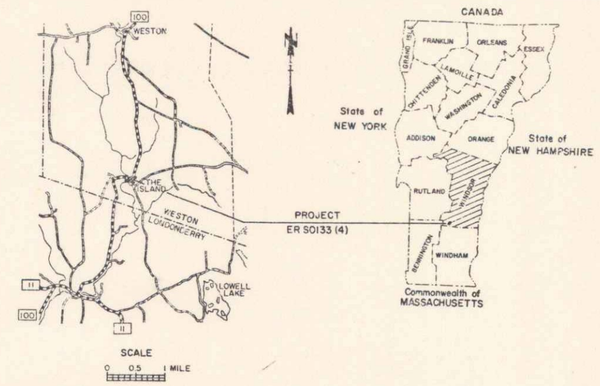
1. Title Sheet
2. Typical
3. Quantity Sheet
4. Drainage Sheet
5. Earthwork Sheet
6. R.O.W. Detail Sheet
7-8. Blank
9-10. Plan & Profile
11-28. BR 100 Series
29-30. Blank

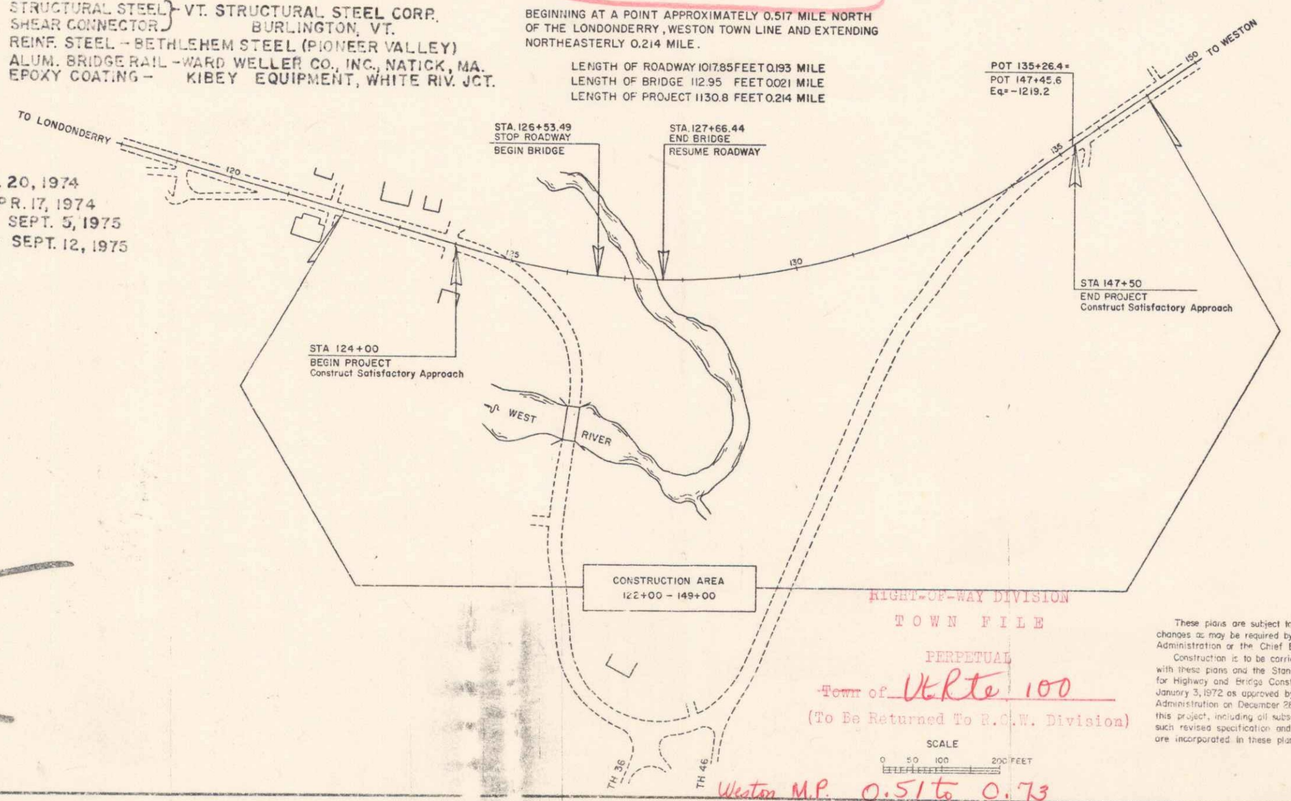
BRIDGE STANDARDS

31. G-8a Approach Railing 12/ 8/71
32. SB-01-73 Aluminum Bridge Railing 1of2 1-28-74 R
33. SB-02-73 Aluminum Bridge Railing 2of2 1-28-74 R
34. SCB-01-71 General Information 12/27/73
35. SCB-06-71 Construction Details 5/15/72
36-37. Blank

ROADWAY STANDARDS

38. B-5 Typical Slope Rounding 12/ 8/71
39. C-1 Treated Timber Curb 12/ 8/71
40. D-2 Underdrain & Carrier Pipe 3/ 8/72 R
41. D-4 METAL END SECTIONS 7/17/72 R
42. D-6 Reinforced Conc. D.I. w/Grate 9/ 4/73
43. D-8 Reinforced Conc. Drop Inlet 12/ 6/71
44. D-10 Drop Inlet Tops 12/ 6/71
45. D-11 Cast Iron Grate Type A 4/25/72 R
46. D-16 Precast Reinf.Conc. Curb D.I. 11/16/72 R
47. E-2 Approach Signs, Road Construct. 10/19/73 R
48. E-3 Approach Signs, Bridge Construct. 11/ 7/73 R
49. E-8 On-Project Construction Signs 12/ 4/71
50. E-7 Barricades 9/19/73 R
51. Blank
52. G-1 Guard Rail, Standard Steel Beam w/Steel Posts Type II 7/ 9/73 R
53. G-9 Guard Rail, Plank w/Wood Posts, & Steel Marker Posts 12/ 8/71
54. G-11 Anchor for Standard Steel Beam Guard Rail w/Steel Posts 12/ 8/71
55. T-1 Temporary Erosion Control 6/14/73 R
56. T-2 Temporary Erosion Control 7/ 5/72
57-58. Blank
59-69. Sections
70. Blank
71. Approach @ 125+75 Rt.
72-73. Approach @ 131+25 Rt.





DATE: 01/30/1974
P.N.: 00R009

1974 ADT 850
1994 ADT 1350
1994 DHV 190
V = 50 MPH
D = 53 %
T = 5 %

BENCH MARKS BASED ON ASSUMED DATUM

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
F.A. CONST IDENTIFICATION SIGN
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

CONTRACTOR - TUCKER CONSTR. CORP. LUDLOW, VT.
RES. ENGR. - A. J. REINHART
RECORD PLANS - S. J. MURRAY 2/5/75
CONTRACT COMPLETED 9/5/75

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
~~Town of~~ Vt Rte 100
(To Be Returned To R.O.W. Division)

Weston M.P. 0.51 to 0.73

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Chief Engineer.

Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated January 3, 1972 as approved by the Federal Highway Administration on December 28, 1971 for use on this project, including all subsequent revisions and such revised specification and special provisions as are incorporated in these plans.

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
APPROVED E. W. Dickey CHIEF ENGINEER DATE 1/30/74

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED _____ DIVISION ENGINEER DATE _____

PROJECT ER No SO133(4)
SHEET 1 OF 73 SHEETS

D-10 S.R.S. 12/17/70