INDEX OF SHEETS

1. Title Sheet
2. Alignment Details
3-6. Typical Sections
7-8. Quantity Sheets
9. Blank
10-11. Item Detail and Drainage Sheet
12-14. Earthwork Sheets
15-20. R.O.W. Details (20, 21, 22, 22C, 22D, 22E)
21. Blank
22-32. Plan and Profile Sheets
33. Ramp Terminal
34-42. Channelization & Lighting Details and Sign Locations
43. Blank
44. A-60 Solid Rock Excavation 12/ 6/71
45. A-61 Solid Rock Excavation 12/ 6/71
46. B- 1 Banking Tables 12/ 6/71
47. B- 5 Typical Slope Grading 12/ 6/71
48. Blank
49. B-11 Underdrain w/Shattered Rock Subgrade 12/ 6/71
50. Blank
51. B-13 Drive Intersection 12/14/71
52. B-15 Entrance and Exit Terminals 12/14/71
53. B-16 Divisional Islands 12/14/71
54. Blank
55. C- 1 Curbs 12/ 8/71
56. Blank
57. D- 2 Underdrain and Headwalls 3/ 8/72
58. D- 3 Treated Gutters 12/ 6/71
59. D- 4 Corr. Pipe Elbows 12/ 6/71
60. D- 6 Drop Inlets 12/ 6/71
61. D- 8 Drop Inlets 12/ 6/71
62. D-10 Top for Drop Inlet 12/ 6/71
63. D-11 Details for Granites and Covers 4/25/72
64. D-13 Concrete Catch Basin 12/14/71
65. D-16 Precast Reinf. Conc. Curb Drop Inlet 12/ 8/71
66. Blank
67. E- 1 Fed. Aid Const. Incident Signs 12/14/71
68. E- 6 On-Project Construction Signs 12/14/71
69. E- 7 Barricades 12/29/71
70. E-13 Traffic Guide Signs 1/ 4/72
71. E-16 Regulatory Signs 1/ 4/72
72. E-17 Regulatory Signs 1/31/72
73. E-18 Regulatory Signs
74. E-20 Warning Signs 1/10/72
75. E-21 Warning Signs 1/31/72
76. E-29 Sid. Sign Placement 12/29/71
77. E-37 Conc. Bases & Pull Boxes 12/29/71
78. E-38 Poles, Bases, Brackets and Luminaires 12/29/71
79. F- 1 Woven Wire Fence 12/ 6/71
80. F- 2 Chain-Link Fence-Type I 12/ 6/71
81. F- 3 Chain-Link Fence-Type III 12/ 6/71
82. F- 4 Chain-Link Fence-Type II 12/ 5/71
83. G- 9 Approach Railing (2 Rail Aluminum) 12/ 6/71
84. J- 1 Boundary Markers 12/6/71
85 & 85-A T-1 & T-2 Temporary Erosion Control 7/5/72
86. SS-R1-71 Alum. Railing Details - Sheet 1 of 2 8/24/71
87. SS-R1-71 Alum. Railing Details - Sheet 2 of 2 10/ 5/71
88. SCB-D1-71 General Information 1/24/72
89. SCB-D2-71 Details of Shear Connectors, Beam Haunch and Elevations 12/14/71
90. SCB-D4-71 Plan and Reinforcing Layout at Abutment 12/14/71
91. SC3-D4-71 Details of Scupper, Curb, Construction Joint and Pile Splice 12/14/71
92. SCB-D8-71 Curtain Wall and Box Cuts 12/14/71
93. Blank
94-112. BR 200 Bridge Series
113-142. BR 300 Bridge Series
143-173. Mainline Cross Sections
174-182. US Rte. #302 Cross Sections
183-186. Ramp "B" Cross Sections
187-190. Ramp "C" Cross Sections
191-192. Ramp "D" Cross Sections (Reference)
193-196. Access Road Cross Sections

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

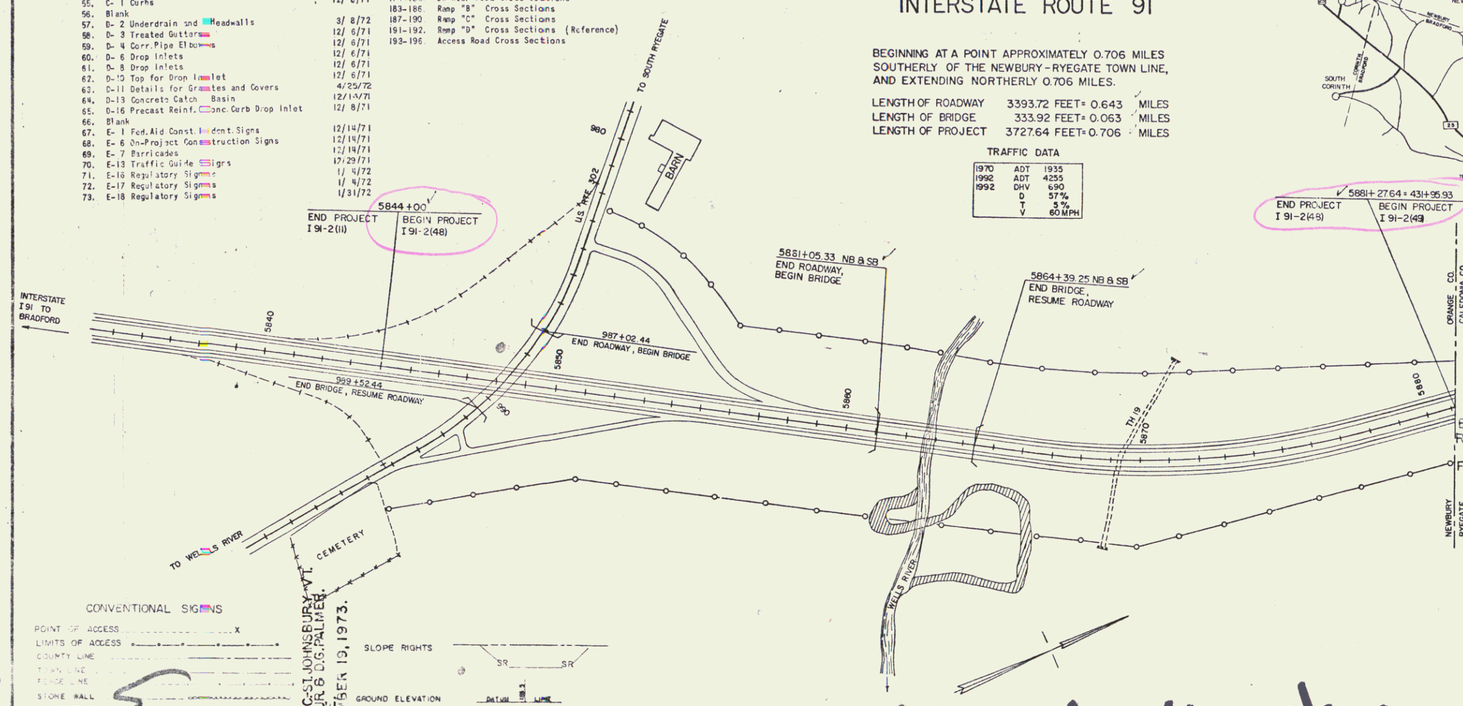
TOWN OF NEWBURY
COUNTY OF ORANGE
INTERSTATE ROUTE 91

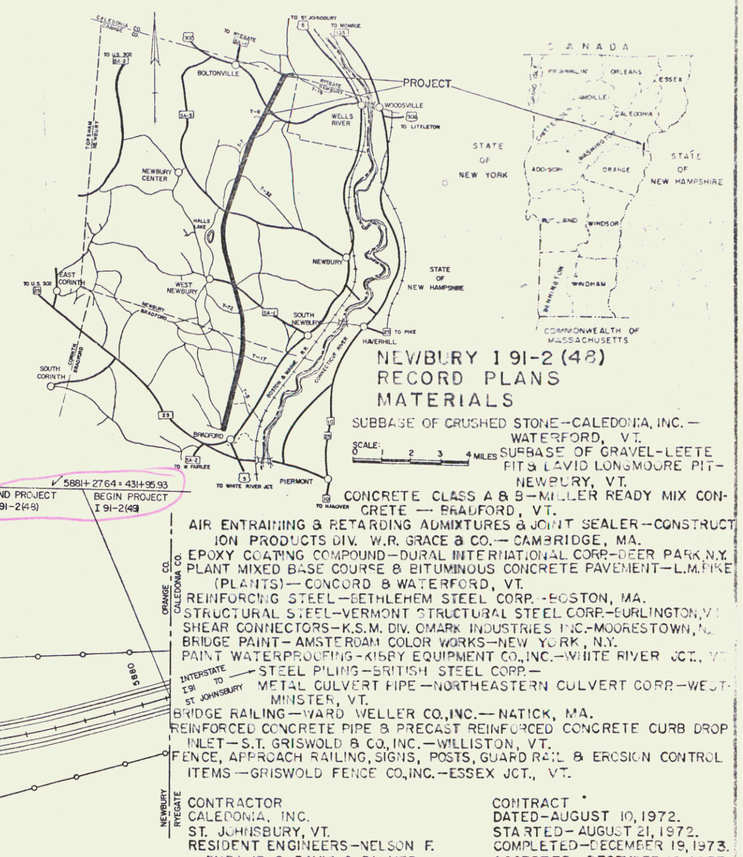
BEGINNING AT A POINT APPROXIMATELY 0.706 MILES SOUTHERLY OF THE NEWBURY-RYEGATE TOWN LINE, AND EXTENDING NORTHERLY 0.706 MILES.

LENGTH OF ROADWAY	3393.72 FEET=	0.643	MILES
LENGTH OF BRIDGE	333.92 FEET=	0.063	MILES
LENGTH OF PROJECT	3727.64 FEET=	0.706	MILES

TRAFFIC DATA

1970	ADT	1935
1992	ADT	4255
1992	DHV	690
	D	57%
	T	3%
	V	60 MPH





NEWBURY I 91-2 (48)
RECORD PLANS
MATERIALS

SUBBASE OF CRUSHED STONE—CALEDONIA, INC.—WATERFORD, VT.
SUBBASE OF GRAVEL—LEETE PITS & DAVID LONGMOORE PIT—NEWBURY, VT.
CONCRETE CLASS A & B—MILLER READY MIX CONCRETE — BRADFORD, VT.
AIR ENTRAINING & RETARDING ADMIXTURES & JOINT SEALER—CONSTRUCTION PRODUCTS DIV. W.R. GRACE & CO.— CAMBRIDGE, MA.
EPOXY COATING COMPOUND—DURAL INTERNATIONAL CORP—DEER PARK, N.Y.
PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE PAVEMENT—L.M. PIKE (PLANTS)— CONCORD & WATERFORD, VT.
REINFORCING STEEL—BETHLEHEM STEEL CORP. -BOSTON, MA.
STRUCTURAL STEEL—VERMONT STRUCTURAL STEEL CORP.—BURLINGTON, VT.
SHEAR CONNECTORS—K.S.M. DIV. OMARK INDUSTRIES INC.—MOORESTOWN, N.J.
BRIDGE PAINT—AMSTERDAM COLOR WORKS—NEW YORK, N.Y.
PAINT WATERPROOFING—KIBY EQUIPMENT CO., INC.—WHITE RIVER JCT., VT.
INTERSTATE I91 TO ST. JOHNSBURY — STEEL PILING—BRITISH STEEL CORP.—
METAL CULVERT PIPE—NORTHEASTERN CULVERT CORP.—WEST MINSTER, VT.
BRIDGE RAILING—WARD WELLER CO., INC.—NATICK, MA.
REINFORCED CONCRETE PIPE & PRECAST REINFORCED CONCRETE CURB DROP INLET—S.T. GRISWOLD & CO., INC.—WILLISTON, VT.
FENCE, APPROACH RAILING, SIGNS, POSTS, GUARD RAIL & EROSION CONTROL ITEMS—GRISWOLD FENCE CO., INC.—ESSEX JCT., VT.

ORANGE CO. CALEDONIA CO. NEWBURY RYEGATE

CONTRACTOR
CALEDONIA, INC.
ST. JOHNSBURY, VT.
RESIDENT ENGINEERS—NELSON F. DUBA, JR. & DAVID G. PALMER.
INSPECTORS—L.C. GRAHAM, F. COBB & D. LYONS.
RECORD PLANS—A.G. SPIDLE.

CONTRACT
DATED—AUGUST 10, 1972.
STARTED—AUGUST 21, 1972.
COMPLETED—DECEMBER 19, 1973.
ACCEPTED—DECEMBER 19, 1973.

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.

CONVENTIONAL SIGNS

POINT OF ACCESS
LIMITS OF ACCESS
COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
CENTER LINE
SURVEY LINE
CULVERT
DROP INLET
TROLLEY POLE
TELEPHONE POLE
TREES
WOODS
BRIDGE INSPECTION IDENTIFICATION SIGNS

SLOPE RIGHTS SR SR

GROUND ELEVATION DATUM 100.3 FT. LINE

GRADE ELEVATION DATUM FT. LINE

CURVE DATA

DEFLECTION OF ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	PI
POINT OF CURVE	PC
POINT OF TANGENT	PT
POINT ON TANGENT	POT
POINT ON SUB-TANGENT	POST

NEWBURY I 91-2(48)
CONTRACTOR—CALEDONIA, INC.-ST. JOHNSBURY, VT.
R.E.S. ENG.—NELSON F. DUBA, JR. & DAVID G. PALMER.
CONSTR. ENGINEER—L.C. GRAHAM, F. COBB & D. LYONS.
CONTRACT COMPLETED—DECEMBER 19, 1973.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION" DATED JANUARY 3, 1972 APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION DECEMBER 28, 1971 INCLUDED ALL INTERIM, SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED R.H. Arnold
DATE 5/26/72

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED

SIGNATURE OF ENGINEER DATE

PROJECT I NO. 91-2 (48)

SHEET 1 OF SHEETS 196

Construction plans

Const 138