

- 1. Title Sheet
- 2-3. Typical Sections, Bituminous Concrete Pavement, Item 361, Mod.
- 4. Typical Sections (One Way Ramps)
- 5. Typical Sections (Vt. Sta. 30 Relocation)
- 6. Typical Sections (SA-2 Relocation)
- 7. Typical Sections (TH-24 Relocation)
- 8. Typical Sections (Frontage Road)
- 9-11. Quantity Sheets
- 12-15. Drainage Sheets
- 16. Underdrain Sheet
- 18-20. Traffic Sign and Delineator Summary Sheet
- 21-30. Grading and Earthwork Sheets
- 31-33. Alignment Data Sheets
- 34-37. Ramp Intersection Grades
- 38. Layout and Profile Sheet
- 39-48. Plan and Profile Sheet
 - 39-A Solid Rock Excavation (in areas over 500 sq ft) 1/17/69 R
 - 39-B Benching Tables 2/17/67 R
 - 39-C Top Cut Slope 3/10/65
 - 39-D Muck Excavation 3/10/65
 - 39-E Basins on a Slope 3/10/65
 - 39-F Underdrain with Shattered Rock Subgrade 3/10/65
 - 39-G C-1 Curb 10/23/68 R
 - 39-H Curb 3/10/65
 - 39-I Precast RCP Drop Inlets with Cover 8/1/66 R
 - 39-J Underdrain and Reservoirs 4/14/69 R
 - 39-K Joint Molding, Treated Gutters 7/10/67 R
 - 39-L Elbows, Flushing Basins, Metal End Sections 12/4/68 R
 - 39-M Drop Inlets 3/10/65
 - 39-N Throat Adaptors 3/10/65
 - 39-O Drop Inlet Tees 3/10/65
 - 39-P Catch Basins 3/10/65
 - 39-Q Reinforced Concrete Curb Drop Inlet, Cast in Place 7/15/69 R
 - 39-R Vertical Riser 7/15/69 R
 - 39-S Warning Signs 8/10/68 R
 - 39-T Warning Signs 12/18/68 R
 - 39-U Hazard Markers 11/7/67 R
- 49. E-32 Road Construction Approach Signs 1/6/67
- 50. E-34 On Project Construction Signs 5/3/67 R
- 51. Property Line Fence 11/29/67 R
- 52. G-2A Two Cable Guard Rail 12/30/68 R
- 53. G-2B Post End Anchorage 3/10/65
- 54. G-4 Marker Posts, Guide Posts, Plank Guard Rail 12/30/68 R
- 55. G-8 Bridge Railing (For Bridge Approaches) 2/12/68 R
- 56. G-9 Bridge Railing (For Bridge Approaches) 2/12/68 R
- 57. J-1 Boundary Markers 3/10/65
- 58. L-1 Piezometer Assembly and Installation Details 7/22/68
- 59. L-3 Details of Settlement Platforms 4/1/69
- 60. SCB-01-67 Bench Mark Details and General Notes 1/24/68
- 61. SCB-02-67 Beam March 1/24/68
- 62. SCB-03-67 Plastic Tube at Expansion Plate 1/24/68
- 63. SCB-04-67 Deck Reinforcing Layout at Abutments 12/17/68 R
- 64. SCB-05-67 Deck Reinforcing Layout at Piers 1/24/68
- 65. SCB-06-67 Core Details, Pie Splice Details and Construction Joint Details 5/23/69 R
- 66. SB-P1-68 Cast-in-Place Concrete Piling 11/8/66
- 67. SB-P1-68 Aluminum Railing Details - Sheet 1, 12/16/68 / Sheet 2, 11/8/66
- 68. SB-02-65 Steel Railing Details 11/8/66

- 140-151. Reinforcing Steel Details
- 152. US ROUTE 4 RELOCATION OVER ROUTE 30 RELOCATION
- 153. Plan and Elevation
- 154. Bridge Quantity Sheet
- 155. Preliminary Information Sheet
- 156. Boring Log
- 157-160. Superstructure Details
- 161. Joint Details
- 162-165. Abutment Details
- 166-167. Exterior Girder Details
- 168-169. Footing Details and Typical Sections
- 170. Approach Slab Details
- 171-172. Reinforcing Details
- 173-174. Details of 60" O.D. PIP MB 1230-94, 17 LT - 1231-55, 58 RT.
- 175-176. Details of 60" O.D. PIP MB 1233-66, 25 LT - 1230-31, 22 RT.
- 177-178. Eastbound Sections
- 179-180. Westbound Sections
- 181-182. Ramps N, P, Q and R Sections
- 183-184. Vt. Sta. 30 Relocation Sections
- 185-186. SA - 2 Relocation Sections
- 187-188. TH-24 Relocation Sections
- 189-190. Frontage Road Sections
- 191-192. Channel Sections (Channel Lines No. 7 and No. 8)
- 193-194. Drainage Sections

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

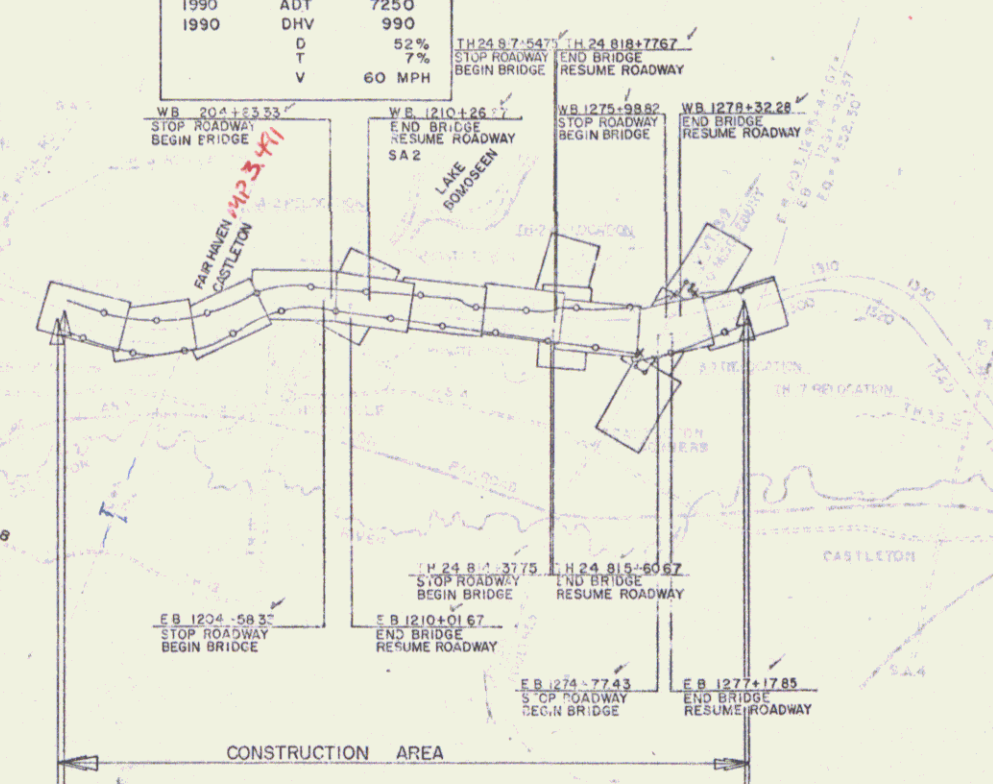
TOWNS OF FAIR HAVEN AND CASTLETON COUNTY OF RUTLAND RELOCATION OF U.S. ROUTE 4 FAIR HAVEN - WEST RUTLAND ROAD

BEGINNING AT A POINT APPROXIMATELY 3.00 MILES EASTERLY OF THE NEW YORK-VERMONT STATE LINE AND PROCEEDING EASTERLY 2.763 MILES.

LENGTH OF ROADWAY 13,821.00 FEET = 2.618 MILES
LENGTH OF BRIDGES 76,400 FEET = 0.145 MILES
LENGTH OF PROJECT 14,585.00 FEET = 2.763 MILES

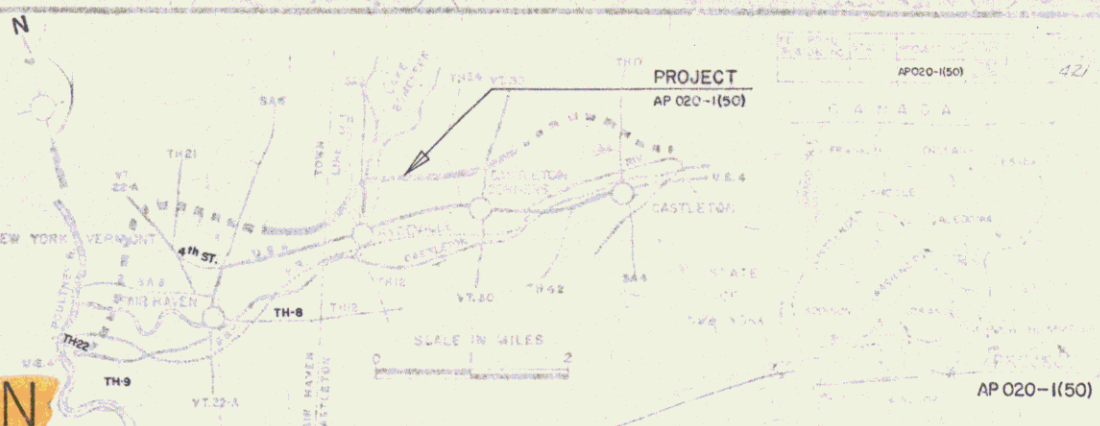
TRAFFIC DATA

1970	ADT	4400
1990	ADT	7250
1990	DHV	990
	D	52%
	T	7%
	V	60 MPH



END PROJECT F 020-1(4) BEGIN PROJECT AP 020-1(50) END PROJECT AP 020-1(50) BEGIN PROJECT F 020-1(7)

EB 1146+00 WB 1148+00 MP 2.958 EB 1293+50 WB 1292+20 MP 5.780



PROJECT NAME & NUMBER TYPE-STAGE I
FAIR HAVEN-CASTLETON AP 020-1(50) GRADING & DRAINAGE

- RECORD PLANS**
- MATERIALS**
- SUBBASE OF GRAVEL—DUDA PIT—CASTLETON, VT.
 - SUBBASE OF SAND-RAYBURN PIT—FAIR HAVEN, VT.
 - CRUSHED GRAVEL OR CRUSHED STONE PLANT MIXED BASE COURSE.
 - BITUMINOUS CONCRETE & TAR EMULSION—VERMONT PAVING CORP.—WALLINGFORD, VT.
 - CONCRETE CLASS AA & B—J.P. CARRARA & SONS—CASTLETON, VT.
 - REINFORCING STEEL—BETHLEHEM STEEL CO.—CAMBRIDGE, MA.
 - ALUMINUM ALLOY CULVERT PIPE—KAISER ALUMINUM & CHEMICAL SALES, INC.—SCHENECTADY, N.Y.
 - REINFORCED CONCRETE PIPE, R.C.C.D.I., TRAFFIC SIGNS, PROX LINE FENCE, EROSION CONTROL & GUARD RAIL ITEMS—S.T. GRISWOLD & CO., INC.—WILLISTON, VT.
 - C.C.B. OR P.H.—CALCO, INC.—WATERFORD, VT.
 - METAL CULVERT PIPE—NEW ENGLAND METAL CULVERT CO.—WHITE RIVER JCT., VT.
 - CAST IRON GRATES & FRAMES—E.L. LEBARON FDRY. CO.—BROCKTON, MA.
 - C.I. GRATE TYPE C—GRAY FOUNDRY, INC.—POULNEY, VT.
 - ANTI SPALLING & ADHESIVE—A.H. HARRIS & SONS, INC.—HYDE PARK, MA.
 - STRUCTURAL STEEL—MACKINNON STRUCTURAL STEEL LTD.—SHERBROOKE, QUE.
 - SHEAR CONNECTORS—NELSON STUD WELDING CO.—LORAIN, O.
 - BRIDGE RAILING—WARD-WELLER CO.—NATICK, MA.
 - BRIDGE PAINT—MORANTIC PAINT CO. LTD.—ST. ROSE, QUE. & CARPENTER MORTON CO.—EVERETT, MA.
 - JOINT SEALER PREFORMED & ELASTOMETRIC EXPANSION JOINT—KIBBY EQUIPMENT CO.—WHITE RIVER JCT., VT.
- CONTRACTOR—CALEDONIA, INC.**
ST. JOHNSBURY, VT.
RESIDENT ENGINEER—PAUL G. HORTON.
INSPECTORS—D.E. WALKER, S.H. LANGILL, E.M. GIPSON, & A.J. DAVIS.
- CONTRACT DATED—SEPTEMBER 22, 1968.**
STARTED—SEPTEMBER 23, 1969.
COMPLETED—JULY 15, 1971.
ACCEPTED—JULY 15, 1971.
- Pin # 11R009

FAIR HAVEN-CASTLETON AP 020-1(50)
CONTRACTOR—CALEDONIA, INC.
ST. JOHNSBURY, VT.
CONST. COMPLETED—JULY 15, 1971.
RECORD PLANS—A.G. SPIDLE.

WEISTER-MARTIN, INC.
Submitted *March 16, 1969*
DATE

FOR RIGHT-OF-WAY DETAILS, SEE RIGHT-OF-WAY PLANS FOR THIS PROJECT.

REQUIRED NUMBER OF FEDERAL AID CONSTRUCTION IDENTIFICATION SIGNS 9 EACH.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE

STAGE I CONSTRUCTION
RIGHT-OF-WAY DIVISION
TOWN FILE
TRANSPORTATION
PERPETUAL

Town of **US 4 L.A.**

(To Be Returned To P.O.W. Division)
Project No. AP 020-1(50)

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