FED. ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT	AP 020-1(4)	1966	1	

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

TOWNS OF CASTLETON-IRA
COUNTY OF RUTLAND
U.S. ROUTE 4 L.A.
FAIR HAVEN–RUTLAND ROAD

BEGINNING AT A POINT 3.107 MILES WESTERLY OF THE CASTLETON-IRA TOWN LINE AND EXTENDING EASTERLY 3.183 MILES.

LENGTH OF ROADWAY 16,810.38 FEET = 3.183 MILES

LENGTH OF PROJECT 16,810.38 FEET = 3.183 MILES

1965	ADT	4300
1987	ADT	7680
1987	DHV	1030
1987	D	60
1987	T	7 %
	V	60 M.P.H.

INDEX OF SHEETS

SHEET NO. 1. Title Page
2-6. Typical Sections (Standard Med., Var. Med., 1-Way Ramp, 2-Way Ramp & Primary)
7-8. Summary of Quantity Sheet
9-11. Detail & Drainage Sheets
12-20. Earthwork Sheets
21-24. Right of Way Detail Sheets
25-53. Plan & Profile Sheets
54-55. 20' Scale Ramp Terminals
56. BLANK
57-69 Bridge 100 Series Sheets
70-76. Bridge 200 Series Sheets
77. Standard Drawing A-61 2/11/66 R
78. Standard Drawing B-1 3/10/65
79. Standard Drawing B-5 3/10/65
80. Standard Drawing B-10 3/10/65
81. Standard Drawing B-11 3/10/65
82. Standard Drawing B-15 3/10/65
83. Standard Drawing D-2 2/6/67 R
84. Standard Drawing D-4 8/1/66 R
85. Standard Drawing D-6 12/23/66
86. Standard Drawing D-8 3/10/65
87. Standard Drawing D-11 3/10/65
88. Standard Drawing D-16 11/3/66 R
89. Standard Drawing D-17 1/7/66 R
90. Standard Drawing E-32 1/6/67
91. Standard Drawing E-34 1/13/67
92. Standard Drawing F-1 3/10/65
93. Standard Drawing G-3 9/1/66 R
94. Standard Drawing G-3a 2/5/66 R
95. Standard Drawing J-1 3/10/65
96. Standard Drawing SCB-30-65 2/24/66 R
97. Standard Drawing SCB-D1-65 2/14/66 R
98. Standard Drawing SCB-D3-65 2/4/65 R
99. Standard Drawing SCB-D3-65 2/4/65 R
100. Standard Drawing SCB-D4-65 2/4/65 R
101. Standard Drawing SCB-D5-65 2/4/65 R
102. Standard Drawing SCB-D6-65 3/7/66 R
103. Standard Drawing SCB-D7-65 2/4/65 R
104. Standard Drawing SCB-D8-65 2/4/65 R
105. Standard Drawing SCB-D9-65 2/4/65 R
106. Standard Drawing SB-R1-64 Sheet 1 12/5/66 R
107. Standard Drawing SB-R1-64 Sheet 2 11/8/66 R
108. Standard Drawing SB-R2-65 11/8/66 R
109-272. Cross Section-Main Line
273-275. Cross Section-Ramp A
276-278. Cross Section-Ramp B-BC
279-280. Cross Section-Ramp C
281-286. Cross Section-Ramp D
288-294. Cross Section-SA #3
295-296. Cross Section-TH #31
297-301. Cross Section-Channel
287 BLANK

PROJECT NAME & NUMBER CASTLETON-IRA AP 020-1(4) TYPE GRADING & DRAINAGE STAGE I

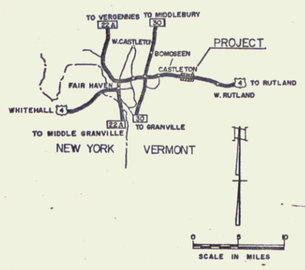
RECORD PLANS

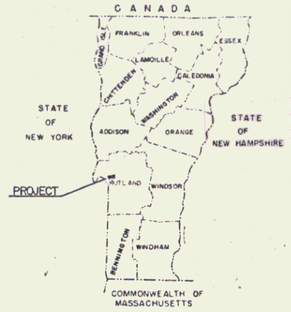
MATERIALS

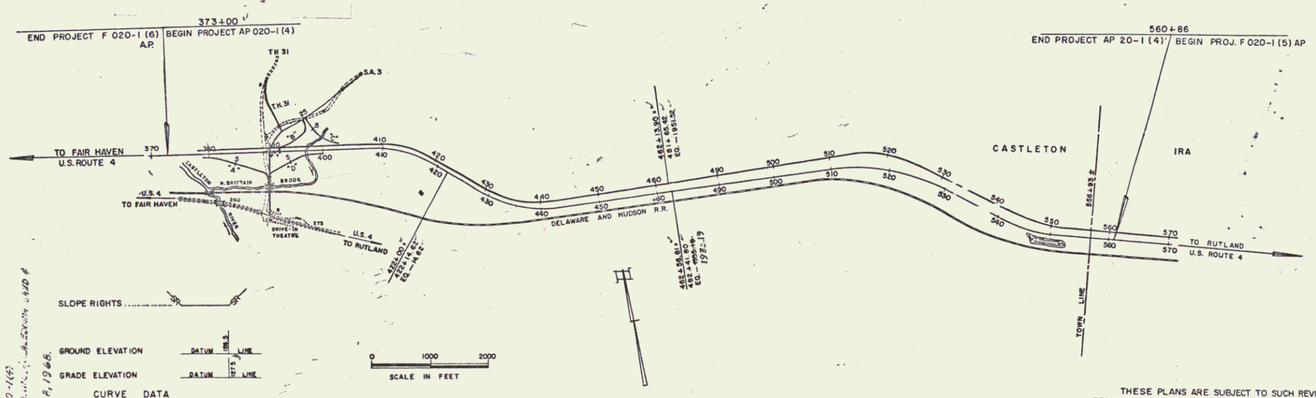
SUBBASE OF GRAVEL – SHORT PIT & WOODBURY PIT – CASTLETON
SUBBASE OF SAND – PELLETIER PIT & GREEN PIT – CASTLETON, VT.
SUBBASE OF CRUSHED ROCK – BARSTOW, INC. – WHITEHALL, N.Y.
PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE – LINDSEY'S PLANT – FERRISBURG, VT.
CRUSHED STONE SHOULDERS – VERMONCO – FERRISBURG, VT.
TAR ENDS TOP – NEW ENGLAND DESCOTING CO., INC. – HINGHAM, MASS.
CONCRETE CLASS "AE" – JIM CARRARA CONC. – N. CLARENDON, VT.
JOINT SEALER – HOT POURED – SEALTAM PRODUCTS – MIDDLESEX, N.J.
JOINT SEALER – PREFORMED – THE SWILCA RUBBER CO. – MIDDLEFIELD, OHIO
REINFORCING STEEL – BETHLEHEM STEEL CORP. – BETHLEHEM, PA.
STRUCTURAL STEEL & BRIDGE CONNECTORS – VERMONT STRUCTURAL STEEL CORP. – BURLINGTON, VT.
METAL CULVERT PIPE – NEW ENGLAND METAL CULVERT CO. – WHITE RIVER JUNCTION, VT.
REINFORCED CONCRETE PIPE – HYNE PIPE CO. – WINDSOR, VT.
CAST IRON GRATES – SMART FOUNDRY INC. – POULTNEY, VT.
CAST IRON COVER, FOR FLUSHING DISTRICT – EDWARDS FOUNDRY CO. – BROCKTON, MASS.
ASPHALTIC ASBESTOS COATING – CELATEX CORP. – ANDOVER, MASS.
WATER REPELLENT – KIRBY & DUNNETT INC. – WHITE RIVER JCT., VT.
BRIDGE RAILING – MAC VICAR – MATTIC, MASS.
BRIDGE PAINT – AMERICAN COLOR WORKS – NEW YORK, N.Y.
& R.M. WILBUR CO. – BURLINGTON, VT.
TREATED TIMBER PLUG – NEW ENGLAND PINE & WOOD TREATING CORP. – MERRIMACK, N.H.
GUARD RAIL, FENCE & ENDSOX SUPPORT ITEMS – G.I. GRISWOLD & CO., INC. – WILLISTON, VT.

CONTRACTORS – MILLER CONSTRUCTION, INC. – WINDSOR, VT. & CALEDONIA SAND & GRAVEL CO., INC. – ST. JOHNSBURY, VT.
RESIDENT ENGINEER – R.L. BROWN
INSPECTORS – R. ELDRED, R. LUND, R. WILLIS, R. JOHNSON, S. LAMSELL, W. REICHERT & R. STEARNS.
RECORD PLANS – H. WU.

CONTRACT DATED – MAY 4, 1967.
STARTED – MAY 10, 1967.
COMPLETED – JUNE 28, 1968.
ACCEPTED – JUNE 28, 1968.







CONVENTIONAL SIGNS

R.O.W.
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
POWER POLE
TELEPHONE POLE
TREES
HEDGE
LIMITED ACCESS

SLOPE RIGHTS

GROUND ELEVATION — DATUM — LINE
GRADE ELEVATION — DATUM — 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 ..... P.I.
POINT OF CURVE ..... P.C.
POINT OF TANGENT ..... P.T.
POINT ON TANGENT ..... P.O.T.
POINT ON SUB-TANGENT ..... P.O.S.T.
▲ CONSTRUCTION IDENTIFICATION SIGN

FOR R.O.W. DETAILS, SEE R.O.W. PLANS FOR THIS PROJECT.

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 THESE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF PUBLIC ROADS ON OCTOBER 12, 1964, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
E.B. Blackmer ASST. CHIEF ENGINEER	R.L. Funk CONSTRUCTION ENGINEER	A.W. Brown BRIDGE ENGINEER	J.A. Murphee DISTRICT ENGINEER	G.M. Lane HIGHWAY ENGINEER	R.H. Gould CHIEF ENGINEER
DATE 5/31/66	DATE 5/31/66	DATE 6/1/66	DATE 5/31/66	DATE 5/31/66	DATE 6/1/66 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

STAGE I CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER — DATE

PROJECT AP NO. 020-1 (4) (11)

SHEET 1A OF SHEETS

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte ~~Town~~ of US 4 L.A.
(To Be Returned To R.O.W. Division)