STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID PROJECT

TOWNS OF ROYALTON-BETHEL

COUNTY OF WINDSOR

VERMONT ROUTE 107

ROYALTON—BETHEL ROAD

BEGINNING AT A POINT APPROXIMATELY 10,356.0 FEET WEST OF THE INTERSECTION OF VERMONT ROUTES 107 AND 14 AND EXTENDING WESTERLY

LENGTH OF PROJECT 7,538.6 FEET = 1.428 MILES

DESIGN DESIGNATION	
ADT (1955)	1260
ADT (1975)	2020
DHV	300
D	55 %
T	12 %

FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT	F 164 (3)	POST WAR	1	92

INDEX OF SHEETS

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21 ROADWAY STANDARD SHEET RS 56-4 (DRAINAGE)
22 ROADWAY STANDARD SHEET RS 56-5 (CONC. CURB, GRANITE CURB, CONC. S.W.)
23 ROADWAY STANDARD SHEET RS 56-6 (TYPICAL GRADING & TURNOUTS)
23-A ROADWAY STANDARD SHEET RS 56-11 (THREE CABLE GUARD RAIL W/STEEL POSTS)
24 ROADWAY STANDARD SHEET RS 56-12 (BARRICADES, SIGNS & LIGHTS)
25 ROADWAY STANDARD SHEET RS 56-14 (PRECAST R.C.P. DROP INLETS OR CATCH BASINS)
25-A DETAILS OF 84" ACCGMP PIPE 106+37
25-B REINFORCING STEEL SCHEDULE
25-C STANDARD STRUCTURE SHEET SC 21 (EXPANSION JOINTS)
26-92 CROSS SECTIONS

RECORD PLANS

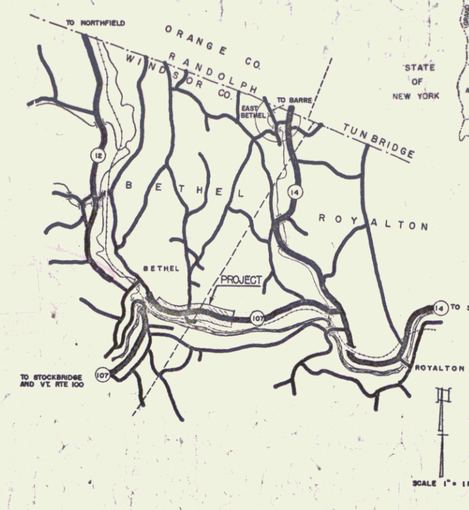
PROJECT NAME	PROJECT NUMBER	SURFACE TYPE	PAVEMENT AREA
Royalton-Bethel	F-164 (3)	3" Bitum. Concrete	23,810 sq. yd.

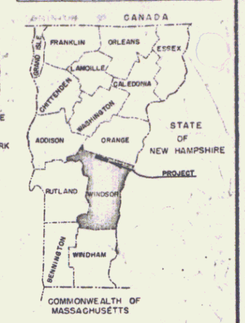
— MATERIALS —

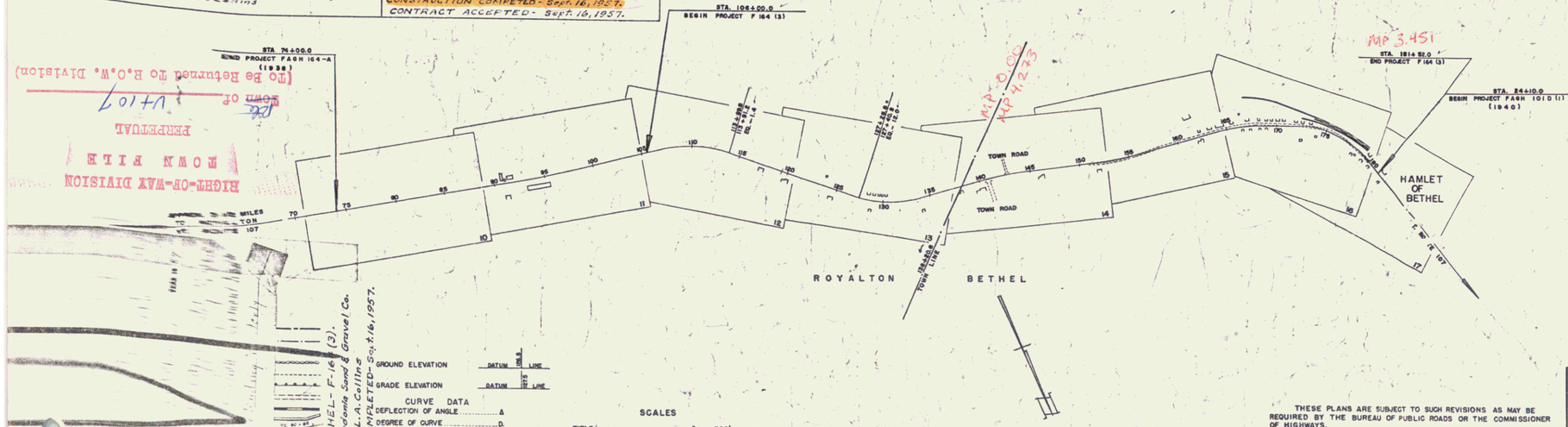
GRAVEL (White River)	Nellie Farley Bur, Royalton, Vt. / Dan A. Bladon " " / Joup Curtiss " Bethel, Vt. / Miller " "
BACKFILL	River Gravel from Sabbase Bars
CRUSHED STONE	J.F. McCullough Pit, Royalton, Vt.
SAND	Contr's. E. Montpelier Plant
SULFUR	McCullough Pit, Royalton, Vt.
TRAP ROCK	McCullough Pit, Royalton, Vt.
CRUSHED STONE	Curtiss Bur, Bethel.
FOR SAND	Masters Products Co., Boston, Mass.
CONC. FILLER	McCullough Pit, Royalton, Vt.
ASPHALT	Blaktop, Inc., W. Lebanon, N.H.
	Calvin Carpenter, St. Johnsbury, Vt.
	Fox Corp., Montpelier, Vt.
FOR CONC.	Sand & Gravel Co., St. Johnsbury, Vt.
ENGINEER	A. Collins
	R.L. Russell, Shearer Jenkins, Bagalio, R.F. Bolding.

REINFORCING STEEL	Vt Steel Steel Corp., Burlington.
P.C.R. & PREC. D.I.L.	Fed. Sand & Conc. Prod. Co., S. Glens Falls, N.Y.
ACCG M.P.I.P. & UNBRW	N.E. Met. Civ. Co., Boston, Mass.
STEEL & I. GRATES	Vt Steel Steel Corp., Burlington, Vt.
GUARD RAIL CABLE	Amer. Wire Rope Co. (U.S. Steel Co.)
" " STEEL POSTS, ANCHOR RODS, GALV'D. FITTINGS, & GUIDE POSTS	Bethlehem Steel Co., Bethlehem, Pa.
PAINT (G.R. & GD. PSTS.)	Waterproof Paint & Van Co., Reynolds & Sons, Bos.
GRANITE CURB	Rock of Ages Corp., Barre, Vt.
CONC. CLASS "A" (S.W.)	D. & D. Concrete, Inc., Montpelier, Vt.
PROV. MARKERS (REINF. CONC.)	Vt. Conc. Pl. & Co., Windsor, Vt.
BOUNDARY MARKERS	" " " " " " , Vt.

CONTRACT DATED - Aug. 27, 1956.
CONSTRUCTION STARTED - Aug. 30, 1956
CONSTRTN. SUSPENDED - 2-2-57. RESUMED - 4-3-57.
CONSTRUCTION COMPLETED - Sept. 16, 1957.
CONTRACT ACCEPTED - Sept. 16, 1957.







RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
(To Be Returned To R.O.W. Division)
Dec. Town of VT 107

ROYALTON-BETHEL - F-164 (3).
CONTRTR.- Caledonia Sand & Gravel Co.
RECORD PLANS - A. Collins
CONSTRUCTN. COMPLETED - Sept. 16, 1957.

GROUND ELEVATION — DATUM — NGVD LINE
GRADE ELEVATION — DATUM — ASST 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.

SCALES

TITLE	1" = 500'
TYPICAL	1" = 2 1/2'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'

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 PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY, 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS FOR APPROVAL APRIL 9, 1956 INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

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.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED [redacted]
DISTRICT ENGINEER DATE

Pin # 00R016

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
CONSTRUCTION ENGINEER	BRIDGE ENGINEER	DISTRICT ENGINEER	HIGHWAY ENGINEER	CHIEF ENGINEER
DATE MAY 20 1955	DATE MAY 17, 1956	DATE MAY 18 1955	DATE MAY 18 1955	DATE JUNE 1 1955

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT F NO. 164 (3)

SHEET 1 OF 92 SHEETS