INDEX OF SHEETS

SHEET NO.	
1	TITLE PAGE
2	TYPICAL CROSS SECTION OF IMPROVED (BITUMINOUS CONCRETE PAVEMENT, ITEM 304 & 401)
3	BANKING AND WIDENING TABLES
4	QUANTITY SHEET (TIDES)
5	QUANTITY SHEET (DRAINAGE)
6	EARTHWORK SHEET-PART B
7-8	PLAN AND PROFILE SHEETS-PART A
9-23	CROSS-SECTIONS-PART A
24	EARTHWORK SHEET-PART A
25-28	PLAN AND PROFILE SHEETS-PART B
29	DETAILS OF REINFORCED CONCRETE BOX-PART B
30	DETAILS OF WINGS FOR REINFORCED CONCRETE BOX-PART B
31	REINFORCING STEEL SCHEDULE FOR REINFORCED CONCRETE BOX-PART B
32-40	CROSS-SECTIONS-PART B
41	STANDARD STRUCTURE SHEET C0-1 (DRAINAGE AND MARKERS)
42	STANDARD STRUCTURE SHEET C0-4 (DITCHES)
43	STANDARD STRUCTURE SHEET C0-5 (TYPICAL SLOPE GRADING)
44	STANDARD STRUCTURE SHEET S-90 (SIGN POSTS SIGNS AND LIGHTS)
45	STANDARD STRUCTURE SHEET S-95-45 (TWO CABLE GUARD RAIL)
46	STANDARD STRUCTURE SHEET S-96-45 (WOODEN RAIL)
47	STANDARD STRUCTURE SHEET S-96-46 (THREE CABLE GUARD RAIL WITH STEEL POSTS)
48	STANDARD STRUCTURE SHEET S-96-48 (PRECAST REINFORCED CONCRETE PIPE END WALLS)
49	STANDARD STRUCT RET SHEET C-21 (STANDARD NOT ONLY OF DETAILS)

STANDARD STRUCTURE SHEET APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS

S-90 JUNE 10, 1950

PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
MT. HOLLY F 58 (3)	BIT. CONC. PAVE.	13,660 SY.

RECORD PLANS

MATERIALS

SUB-BASE OF GRAVEL (HOLDEN PIT) (LAPRE PIT) MT. HOLLY	REINF. STEEL VT. STRUC. STEEL CO., BURLINGTON
SUB-BASE OF SAND HOLDEN PIT, MT. HOLLY	R.C.P. FEDERAL PIPE CO. GLENS FALLS, N.Y.
CR. GRAVEL HOLDEN PIT, MT. HOLLY	A.C.C.M.P. BERGER MET. CULV. CO., WESTMINSTER STA.
TOWN PIT, LUDLOW & VT. MARBLE CO., FLORENCE	CABLE FOR G.R. AM. ST. & WIRE CO., NEW HAVEN, CONN
CUTBACK ASPHALT SOC. VACUUM, E. PROV., R.I.	G.R. PAINT BRADLEY LABS, BRATTLEBORO
CEM. CONC. AGGREGATES BARKER PLNT, RUTLAND VT. SAND & GR. CO., BELLOWS	FRANKLIN PAINT CO., FRANKLIN, MASS.
CEMENT IRONCLAD PORT. CEM., GLENNS FALLS	BIT. CONC. BAYER & MINGOLLA PLANT, SPRINGFIELD
CONTRACTOR EARL & MERRY, INC., RUTLAND	CONTRACT DATED SEPTEMBER 9, 1953
RESIDENT ENG'R. C. B. FOSTER	CONTRACT STARTED SEPTEMBER 21, 1953
INSPECTORS	CONTRACT COMPLETED SEPTEMBER 30, 1954
RECORD PLANS C. B. FOSTER 2-15-55	CONTRACT ACCEPTED SEPTEMBER 30, 1954

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL PROJECT

TOWN OF MOUNT HOLLY
COUNTY OF RUTLAND

VERMONT ROUTE 103

LUDLOW–RUTLAND ROAD

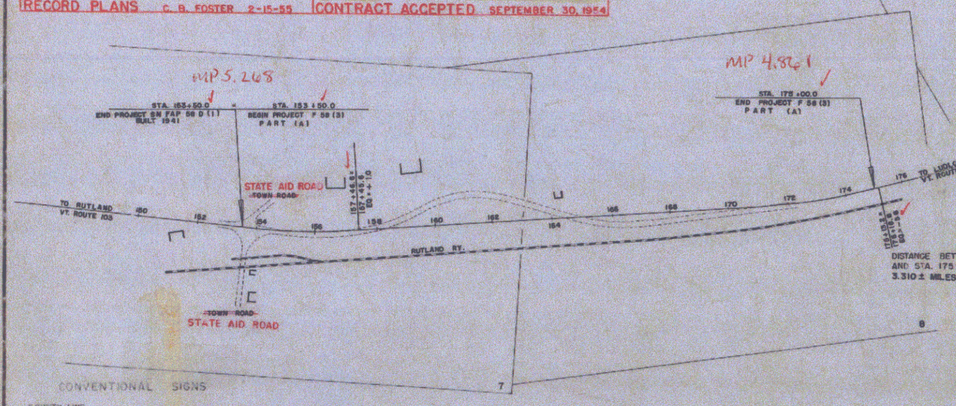
FED. ROAD DESIGN NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	VT.	F 58(3)	WAR	1	49

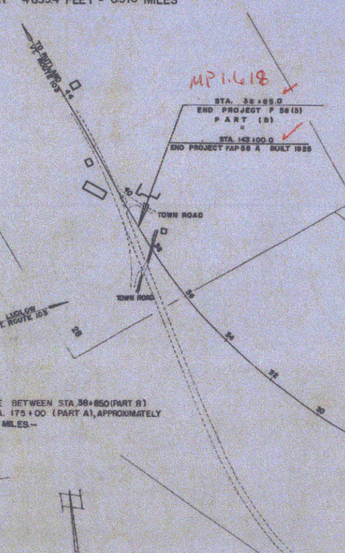
LENGTH OF PART A– 2151.0 FEET = 0.407 MILE
LENGTH OF PART B– 2688.4 FEET = 0.509 MILE

TOTAL LENGTH OF PROJECT 4839.4 FEET = 0.916 MILES

PART A– BEGINNING AT A POINT APPROXIMATELY 28,154.8 FEET WEST OF THE MT. HOLLY–LUDLOW TOWN LINE AND EXTENDING EASTERLY 2151.0 FEET

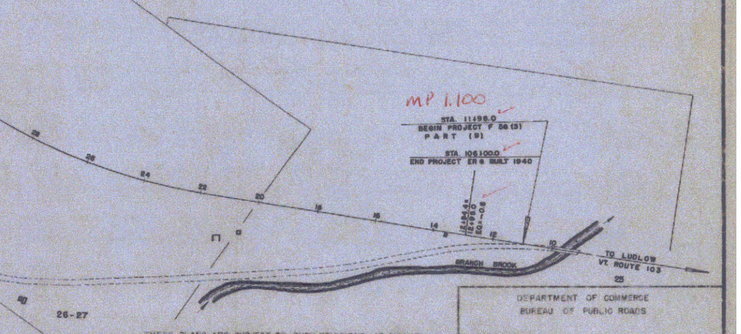
LENGTH OF PART A– 2151.0 FEET = 0.407 MILES





PART B– BEGINNING AT A POINT APPROXIMATELY 5841.0 FEET WEST OF THE MT. HOLLY–LUDLOW TOWN LINE AND EXTENDING NORTHWESTERLY 2,688.4 FEET

LENGTH OF PART B– 2688.4 FEET = 0.509 MILE



CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNFENCED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
BUILDING
CENTER LINE
SURVEY LINE
CURB
GUTTER
TROLLEY POLE
POWER POLE
TELEPHONE POLE
TREES
HEDGE

MOUNT HOLLY F 58 (3)
CONTR. EARL & MERRY, INC.
RECORD PLANS– C. B. FOSTER
CONST. COMPLETED 9-30-54

GROUND ELEVATION DATUM MEAN SEA LEVEL
GRADE ELEVATION DATUM MEAN SEA LEVEL

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

SCALES

TITLE	1" = 200'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
GROSS-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 ROAD AND BRIDGE SPECIFICATIONS OF 1948, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED [redacted]
DISTRICT ENGINEER DATE

Pin # 00R111

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
CONSTRUCTION ENGINEER	BRIDGE ENGINEER	DISTRICT ENGINEER	SUB-AREA ENGINEER	STATE ENGINEER
DATE JULY 3, 1953	DATE	DATE July 7, 1953	DATE JULY 3 1953	DATE JULY 3, 1953

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT F NO. 58 (3)

SHEET 1 OF SHEETS 49