STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL PROJECT

TOWNS OF BRADFORD-NEWBURY

COUNTY OF ORANGE

U.S. ROUTE 5. Pin # 99R271

BRADFORD-NEWBURY ROAD

BEGINNING AT A POINT 10,055 FEET SOUTHWEST OF THE BRADFORD-NEWBURY TOWN LINE AND EXTENDING NORTHEASTERLY 12,644.3 FEET.

LENGTH OF ROADWAY 12,575.3 FEET = 2.382 MILES
LENGTH OF BRIDGE 69.0 FEET = 0.013 MILE

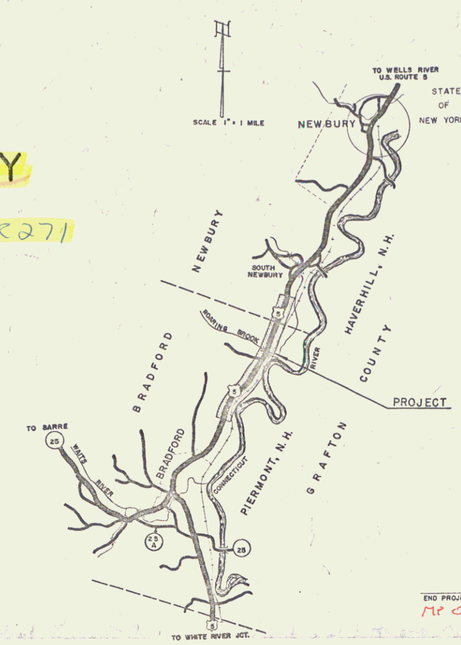
LENGTH OF PROJECT 12,644.3 FEET = 2.395 MILES

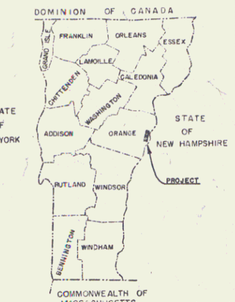
FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	F 112 (6)	POST WAR	1	125

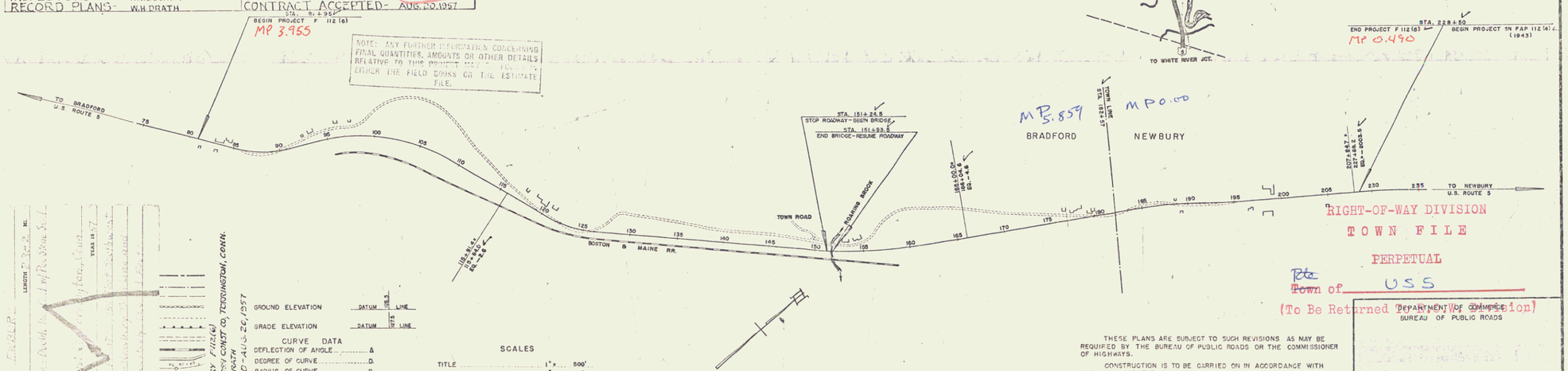
INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE
2 TYPICAL CROSS-SECTION OF IMPROVEMENT DOUBLE TACK COAT OF REFINED TAR WITH PEA STONE SEAL, ITEM 312-A
3 QUANTITY SHEET (ITEMS)
4 QUANTITY SHEET (DRAINAGE)
5-7 EARTHWORK SHEETS
8-16 PLAN AND PROFILE SHEETS
17 PRELIMINARY INFORMATION SHEET FOR BRIDGES
18-19 PLAN AND PROFILE SHEETS FOR BRIDGE
20 DETAILS OF ABUTMENTS NOS. 1 AND 2
21 DETAILS OF SUPERSTRUCTURE
22 DETAILS OF POSTS AND RAILING
23 REINFORCING STEEL SCHEDULE
24 DETAILS OF 14' X 14' R.C. BOX AT STA. 158+60.2
25 STANDARD STRUCTURE SHEET S8-20 (DETAILS G, D, H, J, L AND N)
26 ROADWAY STANDARD SHEET RS 56-1 (BANKING)
27 ROADWAY STANDARD SHEET RS 56-2 (DROP INLETS)
28 ROADWAY STANDARD SHEET RS 56-3 (MARKERS)
29 ROADWAY STANDARD SHEET RS 56-4 (DRAINAGE)
30 ROADWAY STANDARD SHEET RS 56-6 (TYPICAL GRADING AND TURNOUTS)
31 ROADWAY STANDARD SHEET RS 56-9 (DRILLING AND BLASTING OF SOLID ROCK SUB-GRADE)
32 ROADWAY STANDARD SHEET RS 56-11 (THREE CABLE GUARD RAIL WITH STEEL POSTS)
33 ROADWAY STANDARD SHEET RS 56-12 (BARRICADES, SIGNS AND LIGHTS) ROADWAY
34-111 CROSS SECTION SHEETS
112-125 CHANNEL SECTIONS

PROJECT NAME / NUMBER	TYPE	PAVEMENT AREA
BRADFORD - NEWBURY F112(6)	SUB-BASE OF GRAVEL	
	MACADAM BASE CRSE	33,432 S.Y.
RECORD PLANS		
MATERIALS		
SUB-BASE OF GRAVEL - BAILEY'S ISLAND, WOODSVILLE N.H., CONN. RIVER	REINFORCING STEEL - J.T. RYERSON & SON INC., ALLSTON, MASS.	
MACADAM BASE CRSE - BAILEY'S ISLAND, WOODSVILLE N.H. CONN RIVER	STRUCTURAL STEEL - VT. STRUCTURAL STEEL CO., BURLINGTON, VT.	
REFINED TAR - BARRETT CO., BALDEN, MASS.-EDGEWATER, N.J.	A.C.G.M.P. - N.E. METAL CULVERT CO., BOSTON, MASS.	
BITUMINOUS CONC. - BLAKTOP INC., LEBANON, N.H.	R.C.P. - VERMONT CONC. PIPE CORP., WINDSOR, VT.	
PEA STONE SEAL - BAILEY'S ISLAND, WOODSVILLE N.H., CONN. RIVER	CEMENT - LONE STAR CEMENT CO., HUDSON, N.Y.	
TREATED TIMBER PILING - BETHLEHEM STEEL CO.	CONC. AGGREGATES - CALEDONIA SAND & GRAVEL CO. WATERFORD, VT.	
CABLE GUARD RAIL W. STEEL POSTS - SPARROWS PT. MD.		
CONTRACTOR - S.V. ROSSI CONST. CO., TORRINGTON CONN.	CONTRACT DATED - JUNE 8, 1956	
RESIDENT ENG'RS - R.R. NICHOLSON / W.H. DRATH	CONTRACT STARTED - JUNE 28, 1956	
INSPECTORS - E.R. DUCKER	CONTRACT COMPLETED - AUG. 20, 1957	
RECORD PLANS - W.H. DRATH	CONTRACT ACCEPTED - AUG. 30, 1957	







GROUND ELEVATION ..... DATUM ..... 1/16 S. LINE
GRADE ELEVATION ..... DATUM ..... 1/16 S. 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'
PLAN		1" = 50'
PROFILE	HORIZONTAL	1" = 50'
	VERTICAL	1" = 10'
CROSS-SECTIONS		1" = 5' & 10'

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 ON APRIL 9, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
CONSTRUCTION ENGINEER	BRIDGE ENGINEER	DISTRICT ENGINEER	HIGHWAY ENGINEER	CHIEF ENGINEER
DATE MAY 17 1956	DATE MAY 17 1956	DATE MAY 23, 1956	DATE MAY 4 1956	DATE MAY 14, 1956
				SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Pte ~~Town~~ of USS
(To Be Returned To Department of Commerce)

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED
DISTRICT ENGINEER DATE

PROJECT F NO. 112 (6)

SHEET 1 OF 125 SHEETS