

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	BANKING AND WIDENING TABLES
2	TYPICAL CROSS SECTION OF IMPROVEMENT (DOUBLE TACK COAT OF REFINED TAR WITH PEA STONE SEAL, ITEM 29A)
3	SUMMARY OF BALANCES - PART A, B, C, D
4	QUANTITY SHEET - ITEMS, PART A, B, C, D
5	QUANTITY SHEET - DRAINAGE, PART A, B, C, D
6	EARTHWORK SHEET - PART A
7-9	PLAN AND PROFILE - A
10-13	CROSS SECTIONS - A
14	EARTHWORK SHEET - B
15-16	PLAN AND PROFILE - B
17-20	CROSS SECTIONS - B
21	EARTHWORK SHEET - C
22-24	PLAN AND PROFILE - C
25-28	CROSS SECTIONS - C
29	EARTHWORK SHEET - D
30-32	PLAN AND PROFILE - D
33-41	CROSS SECTIONS - D
42	STANDARD STRUCTURE SHEET S 28 PIPE CULVERTS
43	S 30 GUARD RAIL
44	S 30A BOUNDARY MARKERS
45	S 51-48 STEEL BEAM GUARD RAIL (SAFETY BEAM)
46	S 52-48 " " (FLEX P)
47	SB 11 BARRICADES, SIGNS & LIGHTS, PART A, B, C, D
48	SB 20 DETAILS "A", "C", "D", & "J", PART A, B, C, D
49	SB 50-1 DETAIL CABLE RAIL, PART A, B, C
50	SLAG 15'-30' RDWY - H+9' PART A
51	SLAG 30'-30' " H+10' PART C
52	S.S. B2 18' OVERALL, 30' RDWY, MODIFY TO 15° SKEW PART A
53	S.S. B2 20' " 30' " ON 3' 45' CURVE, PART C
54	S.I.B. 30 DETAILS OF SUPERSTRUCTURE (MOD. FOR 30° SKEW) PART B
55	DETAILS OF ABUTMENT, PART B
56	REINFORCING STEEL & WING DETAILS 7' X 5' R.C. BOX 19+35.5, PART D
57	PROFILE OF MAIN & 7' X 5' R.C. BOX CHANNELS, PART D
58	DETAILS OF REINFORCING STEEL, PART D
59	DETAILS OF BRIDGE RAILING, PART D
60	DETAILS OF BRIDGE & RAILING POSTS, PART D
61	PLAN OF BRIDGE & DETAILS OF WINGS, PART D
62	PLAN & BARREL DETAILS 7' X 5' R.C. BOX, STA. 19+38.8 PART D

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

TOWNS OF READING - WOODSTOCK

VT. ROUTE 106  
WOODSTOCK - SPRINGFIELD ROAD

PART A - BEGINNING AT A POINT ON VT. ROUTE 106, 1256 FT. NORTH OF THE READING-CAVENDISH TOWN LINE, AND EXTENDING SOUTHERLY 0.190 MILES.  
 PART B - BEGINNING AT A POINT ON VT. ROUTE 106, 2.39 MILES NORTH OF THE READING-CAVENDISH TOWN LINE, AND EXTENDING SOUTHERLY 0.265 MILES.  
 PART C - BEGINNING AT A POINT ON VT. ROUTE 106, 3.68 MILES NORTH OF THE READING-CAVENDISH TOWN LINE, AND EXTENDING SOUTHERLY 0.237 MILES.  
 PART D - BEGINNING AT A POINT ON VT. ROUTE 106, IN THE VILLAGE OF SOUTH WOODSTOCK, 3.38 MILES NORTHEASTERLY OF THE WOODSTOCK-READING TOWN LINE AND EXTENDING EASTERLY 0.102 MILE.

STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER

VERMONT STATE HIGHWAY DEPT.

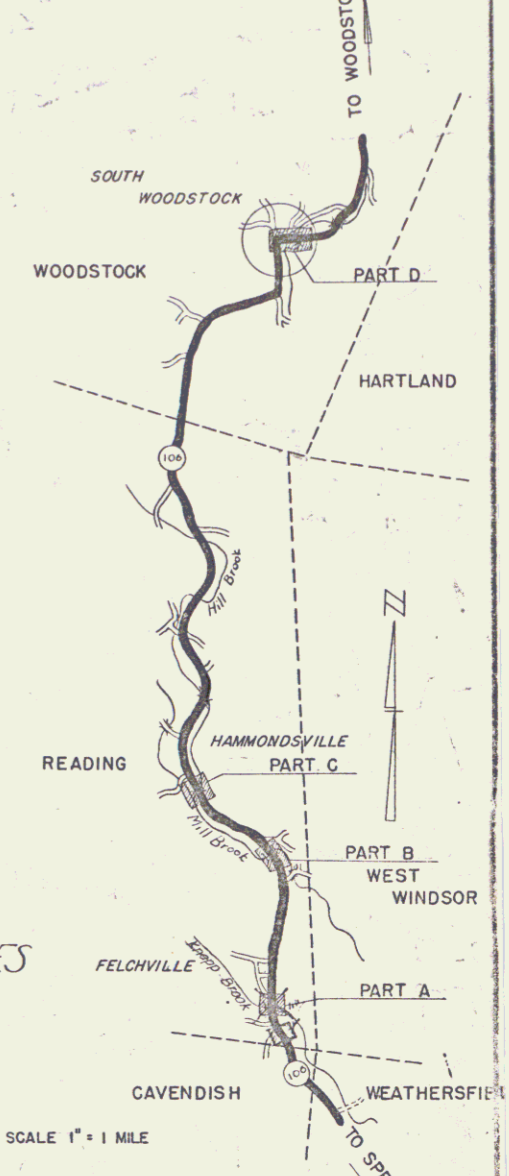
S 28	APRIL	26,	1941
S 30	NOV.	10,	1947
S 30A	APRIL	19,	1941
S 51-48	NOV.	10,	1947
S 52-48	NOV.	7,	1947

LENGTH OF PROJECT

	ROADWAY		BRIDGE		TOTAL	
	FEET	MILES	FEET	MILES	FEET	MILES
PART A	1002.4'	0.190'			1002.4'	0.190'
PART B	1311.0'	0.248'	890'	0.017'	1400.0'	0.265'
PART C	1250.0'	0.237'			1250.0'	0.237'
PART D	507.65'	0.096'	34.84'	0.006'	542.5'	0.102'
TOTAL	4071.06'	0.771'	123.84'	0.023'	4194.9'	0.794'

RECORD PLANS  
PREPARED BY: LEE B. BATES  
RESIDENT ENGINEERS:  
ALEX GRAHAM  
MERRIT H. CHURCHILL  
W. V. KALLIO  
P. J. DOHERTY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	2302		7	62



M

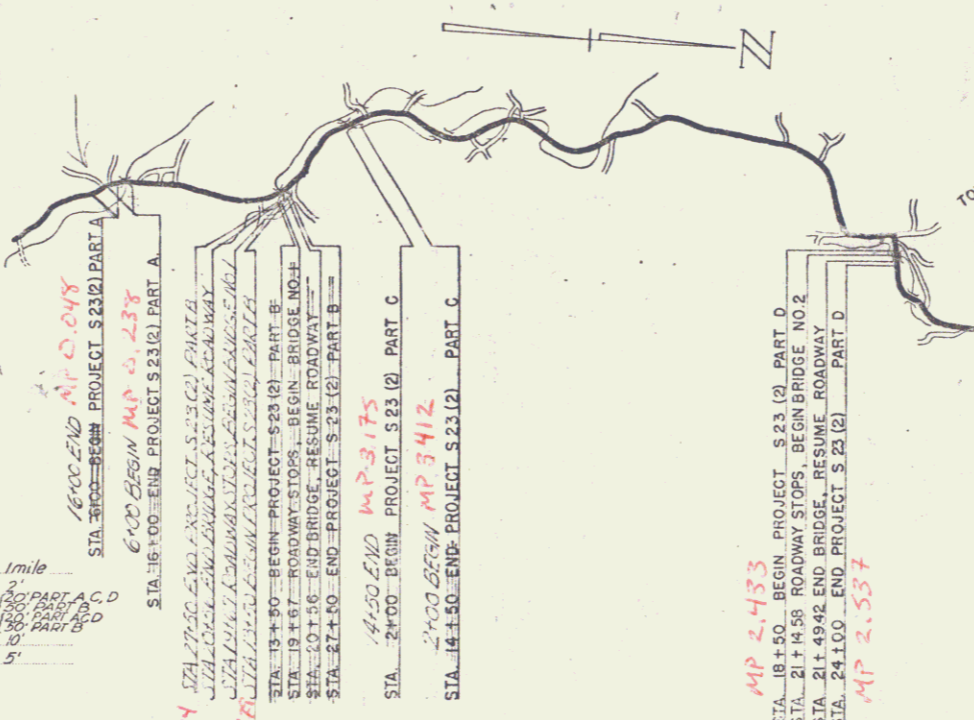
RECORD PLANS  
Reading-Woodstock S23(2)  
Contractor: Miller Construction Co.  
Revision Date: June 21 1950

PROJECT	Reading-Woodstock
POWER	ST. CD
TYPE	Dist. Roadway
CONTRACTOR	Miller Const. Co.
LOCATION	
YEAR	1947
LENGTH	0.794 MI.

GROUND ELEVATION DATUM LINE  
GRADE ELEVATION DATUM LINE

CURVE DATA  
DEFLECTION ANGLE.....D  
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.

SCALES  
TITLE 1" = 1 mile  
PLAN 1" = 100 FEET  
PROFILE HORIZONTAL 1" = 100 FEET  
PROFILE VERTICAL 1" = 10 FEET  
CROSS SECTIONS 1" = 5'



RIGHT-OF-WAY DIVISION APPROVED: 24 AUG 49  
TOWN FILE APPROVED: H. E. Sargent  
COMMISSIONER OF HIGHWAYS

PERPETUAL

Pin # DOR 247  
Date 8/24/1948  
(To Be Returned To R.O.W. Division)

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1939 AS APPROVED DECEMBER 29 1925 BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED: [Signature] DISTRICT HIGHWAY COMMISSIONER  
APPROVED: [Signature] DISTRICT HIGHWAY COMMISSIONER  
APPROVED: [Signature] DISTRICT HIGHWAY COMMISSIONER  
SERIES 5 No. 2302 FILED  
SHEET 7 OF 62