Parcel	Kind	Date	Grantor	Grantee	Record Book	Page	Date
#1	W.D.O.E.	3-10-54	Howard J. & Anne C. Merrill	St. of Vt. Bristol	35	19	3-30-54
#2 A.B.	Cond.	1-14-54	Raymond G. Becker & Andrew Windgate	St. of Vt. Bristol	34	576-79	1-15-54

REMARKS
See sheets 17, 18

CONSTRUCT APPROACH
9+00 Rt

PLANK GUARD RAIL
12+28 Rt
12+94 Rt

THREE CABLE GUARD RAIL WITH STEEL POSTS
Lt.
9+61 - 10+09
10+29 - 11+47
Rt
~~10+40 - 10+89~~
11+29 - 11+70
10+09 - 10+40

Δ 31°00' Lt
D 4°
R 1432.7
T 397.3
L 775.0
E 54.1

Bank 1½" per foot

Limits of Clearing and Grubbing Item 104

PT. 12+84 Lt

RC-5102 Lt

BM #1
S.I.R. 30" Maple
Elev. 490.04

meadow

GLENN B. & CAROLYN FULLER

TO BRISTOL
2" bituminous surface
VERMONT ROUTE 116

N 16° 30' E

cultivated land

telephone
Western T. & T. Co.
Richmond, Vermont

Power
CVPS Corp.
Middlebury, Vermont.

HOWARD J. & ANNIE C. MERRILL

woods

#1
0.83 ACRE ±
STA. 3+96 - 11+22 Lt. & Rt.

CHANNEL RIGHTS
STA. 9+50 Lt - 12+00 Rt.

RAYMOND G. BECKER & ANDREW WINDGATE

REMOVE Item 110

Limits of Clearing and Grubbing Item 104

#2 A
4.14 ACRES ±
STA. 10+10 - 47+66 Lt. & Rt.

septic tank area

house 2.5 ft

BALDWIN CREEK

Approx. Limits Top of Cut

drive

Cultivated land
Control of Section of Old Highway Between Sta. 9+61 Rt. And Sta. 21+73 Rt. Relinquished To Town of Bristol. Recorded Book 35, Page 225, Date Sept. 23, 1955

STA 6+50
BEGIN PROJECT F171(6)
PART "A"
Ground level 490.1

PL 9+070
8.67 ft

89'-0" OVERALL
W. Beam, Conc. Floor
30' Roadway
Banking 2" per foot

Position of Plank Guard Rail

TO STARKSBORO

10+25.0
STOP ROADWAY
BEGIN BRIDGE

11+14.0
END BRIDGE
RESUME ROADWAY

12+90 - 14+00 Rt
Excavation and Removal of Road Surface on Discontinued Highways Item 117. After improvement is opened to traffic the surface and base of the former traveled way are to be removed to a depth of 6" and this material used in embankments on the project

POT 2+00

Ground level 494.5
SOIL & SAND
GRAVEL
FINE GRAVEL
SAND
FINE GRAVEL & SAND
FINE GRAVEL
Refusal Possible Ledge
Note: Casing stopped at 27½ Possible ledge. No Core Barrel so did not Drill.
BORING #1

Ground level 493.5
SOIL & SAND
GRAVEL
SAND
FINE GRAVEL
FINE GRAVEL
FINE SAND & GRAVEL
Refusal Possible Ledge
Note: Casing stopped at 33' Possible Ledge No Core Barrel
BORING #2

Ground level 493.9
SOIL & SAND
GRAVEL
FINE SAND
FINE GRAVEL & SAND
FINE GRAVEL & SAND
Refusal Possible Ledge
Note: Casing stopped at 26½ Possible Ledge No Core Barrel
BORING #3

Ground level 491.7
Top Soil & SAND
LAYERS of FINE SAND & FINE GRAVEL
GRAVEL with Some Sand
Refusal
BORING #4

Top Soil
LAYERS of SAND & FINE GRAVEL
FINE GRAVEL and Some Sand
BORING #5

Blows Per Ft.

Proposed Bd. Floor El. 493.5

Construct Satisfactory Approach

Note: Blows per foot indicate the number of blows necessary to drive a casing whose outside diameter is 2½", and whose thickness is ⅜", one foot using a hammer which weighs 350 lbs. and drops 24"

present road profile

9+25
150' V.C.
497.11

+1.200%

Begin Bridge Sta. 10+25
Fin. El. 499.46 Place end

End Bridge Sta. 11+14
Fin. El. 501.54 Exp. End

+2.346%

-0.8865%

13+50
350' V.C.
307.03
N.P.S.D. 402'
P.S.D. 738'

SUPERSTRUCTURE NOTE
Shear Connectors to be 5" L. 9 lbs. x 1'-0" long. To be shop welded with ¼" fillet all around. To top of W-500# beams 6'-2"-3" c/c. Starting at ¼ of span, the toes of flanges shall face the abutments.

6+50 - 10+25
16' Base

11+14 - 16+00
16' Base

N.H.W.

ESTIMATED BRIDGE QUANTITIES

Quantity	Unit	Items	Item No.
615	c.y.	Channel Excavation of Earth	106A
306	c.y.	Channel Excavation of Rock	106B
249	c.y.	Structure Excavation	107
1	ls	Maintenance of Traffic for Bridge Proj.	109
1	ea.	Cutting and Removing Trees	110
38	ton	Bitum. Conc. Pavement for Bridge Floors	381
198	c.y.	Concrete Class "B" (modified)	401-B
35000	lbs	Reinforcing Steel	402
169189	lbs	Structural Steel	409A
95	s.y.	Asphaltic Asbestos Coating	407
645	c.y.	Stone Fill	521
176	l.f.	Two Cable Guard Rail	542
1	ls	Removal of Present Superstructure	442

LIST OF BRIDGE SHEETS

Sheet No. 15 Earthwork Sheet (Channel Excavation)
16 Plan and Profile Sheet
34 Preliminary Information Sheet
35 Details of Abutment No. 1
36 Details of Abutment No. 2
37 Reinforcing Steel Schedule
38 Standard Structure Sheet SIB-30 (H-20)
39 Standard Structure Sheet SB-5-C1 (Two Cable G.R. for Bridge)
40 Standard Structure Sheet SB-20 (Details C, D, E, H, J, K, L)
41 Standard Structure Sheet SB-11 (Barricades, signs & lights) bridges
60-82 Channel Sections

B.M. #1 Spike in Root 30" Maple 135 ft Lt. of Sta. 1+92 Elev. 490.04'
B.M. #2 Spike in Root 36" Elm. 97' Rt. Sta. 10+82 Elev. 500.00'

Rev. 4/8/54

"PART A" BRISTOL - STARKSBORO
Project F 171 (6)
Sheet 16 of 110

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