223 1933 14 130

-- NOTE --
Channel excavation within limits of Right of Way (estimated at 1500 c.y.) is to be removed to elevation 124.00 as shown. The additional 2000 c.y. is estimated outside the R.O.W. and may be removed if directed by the Engineer in the field.

American Realty Co., Inc.

POT 534+972 = 535+239 Field Eq. -26.7

H.C. Dwire

BETHEL

N 21°-45' W

RUTLAND

POT 540+50

R.B. ELDER

Mrs. Henry L. Baker

Boring #4 — 538+12

Boring #5 = 539+49

Boring #3 = 540+09

Boring #1 = 540+49

Boring #2 = 540+54

Bridge Begins 538+46

Bridge Ends 540+92

B.M. #72
48" Maple Stump
Elev. 132.68

Max. High water 142.1 — 14.0
Normal High water — 12.0

Wooden Covered Bridge
1 Roadway

Tweed River

Meadow

H.C. Dwire

Shed

STA 534+75 LT.
BEGIN FINISH GRADING, FERTILIZING & SEEDING (ITEMS 101, 103, 104)

STA 538+40 LT.
FINISH GRADING, FERTILIZING & SEEDING (ITEMS 101, 103, 104) ENDS

STA. 540+92 LT.
FINISH GRADING, FERTILIZING & SEEDING (ITEMS 101, 103, 104) RESUMES

STA. 543+75 LT.
FINISH GRADING, FERTILIZING & SEEDING (ITEMS 101, 103, 104) ENDS

ESTIMATE QUANTITIES (BRIDGE ONLY)

No	Item	Unit	Quantity
15	Channel Excavation (See Note)	C.Y.	3500
18	Structure Excavation	"	403
41A	Concrete Class "A"	"	380
41C	" " "C"	"	134
42	Reinforcing Steel	Lbs.	53926
43B	Steel Superstructure (923202)	L.S.	1
65	Timber Piling	L.F.	4800
68	Heavy Rip Rap for Bank Prot.	C.Y.	114
80A	Cable Guard Rail	L.F.	504
56	Temporary Bridge	L.S.	

-- NOTE --
It is estimated that the Contractor on the F.A.P. 101 project, will place approximately 2100 c.y. of earth embankment between Sta. 540+ - 550+00±. The Contractor for F.A. Project 223 will be allowed no payment for any fill so made.

BRIDGE DATA

	Present Wood Truss	Proposed
Type		I-Bm. 45° Sk.
Spans	1@ 67'	3@ 84'
Clear Height	10'	9'
Waterway	670	1512 a'
Length Overall	71'	252'
Rdwy. Width	14'	24'

STREAM DATA
Velocity during H.W. Medium
Stream Bed:- Gravel overlay on Fine Sand.

Boring Data

Boring #1	Boring #2	Boring #3
130		
130 Loam & Fine Sand	130.8 Loam & Fine Sand	128.1 Fine Sand
"	124.7 Coarse Gravel	124.1
Coarse Gravel 121.3	121.7	Coarse Gravel 119.1
Boulders Under	Boulders Under	
120		
Very Fine Sand		
68.1		

NOTE:
THIS DATA IS FOR ESTIMATING PURPOSES ONLY AND IS NOT GUARANTEED CORRECT.

Field Eq. -26.7
534+972 = 535+239
Elev. 144.85

536+12.5
400' VC.
136.57

Road

Old Road Profile

Abut #1 = 538+40 Fin. Grade 136.81
Fixed End

Expansion End
Pier #1 = 539+08 Fin. Grade 136.89
Fixed End

Expansion End
Pier #2 = 540+08 Fin. Grade 136.98
Fixed End

Expansion End
Abut #2 = 540+92 Fin. Grade 137.07
Fixed End

+0.104%

Max. High Water 135.0
Heavy Rip Rap
Normal High Water 133.0
Excav. Channel

Elev. 126.00 Piles
Elev. 118.85 Piles
Elev. 118.92 Piles
Elev. 126.01 Piles

84' 84' 84'

Sta 534+00 To Sta. 538+30
12" Sub-base of Gravel

Sta 540+82 To Sta. 548+00
12" Sub-base of Gravel

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book	Recorded Page	Recorded Date	Stock Bridge	Remarks
1-B	W.D.	11-25-36	Lula & Marian Baker	St. of Vt.	29	317-318	12-2-36		
2-B-2-C-D	W.D.	5-25-37	A.M. Realty Co. Inc.	"	29	330-331	6-20-37		
A3	W.D.O.E.	6-3-37	A.M. Realty Co. Inc.	"	29	329-330	6-20-37		
A5	W.D.O.E.	11-25-44	Harriet L. Ralph Elder	"	29	477		547+00	12-16-44
A4	W.D.O.E.	9-25-44	Harry C. Dwire	"	29	476		300' VC. 132.70	12-16-44

P. SING DATA

Boring #6	Boring #5
130	
130 Loam & Fine Sand	125.4 Very Coarse Gravel
124.1	123.7
Fine Gravel 121.1	Medium Gravel 117.7
120	
Very Fine Sand	Very Fine Sand
68.1	66.4

NOTE:
THIS DATA IS FOR ESTIMATING PURPOSES ONLY AND IS NOT GUARANTEED CORRECT.

B.M. "72 Spk. in 24" Stump 120' Rt. Sta. 536+35 Elev. 132.68

Series F.A.P. No. 223
Sheet 14 of 130

14