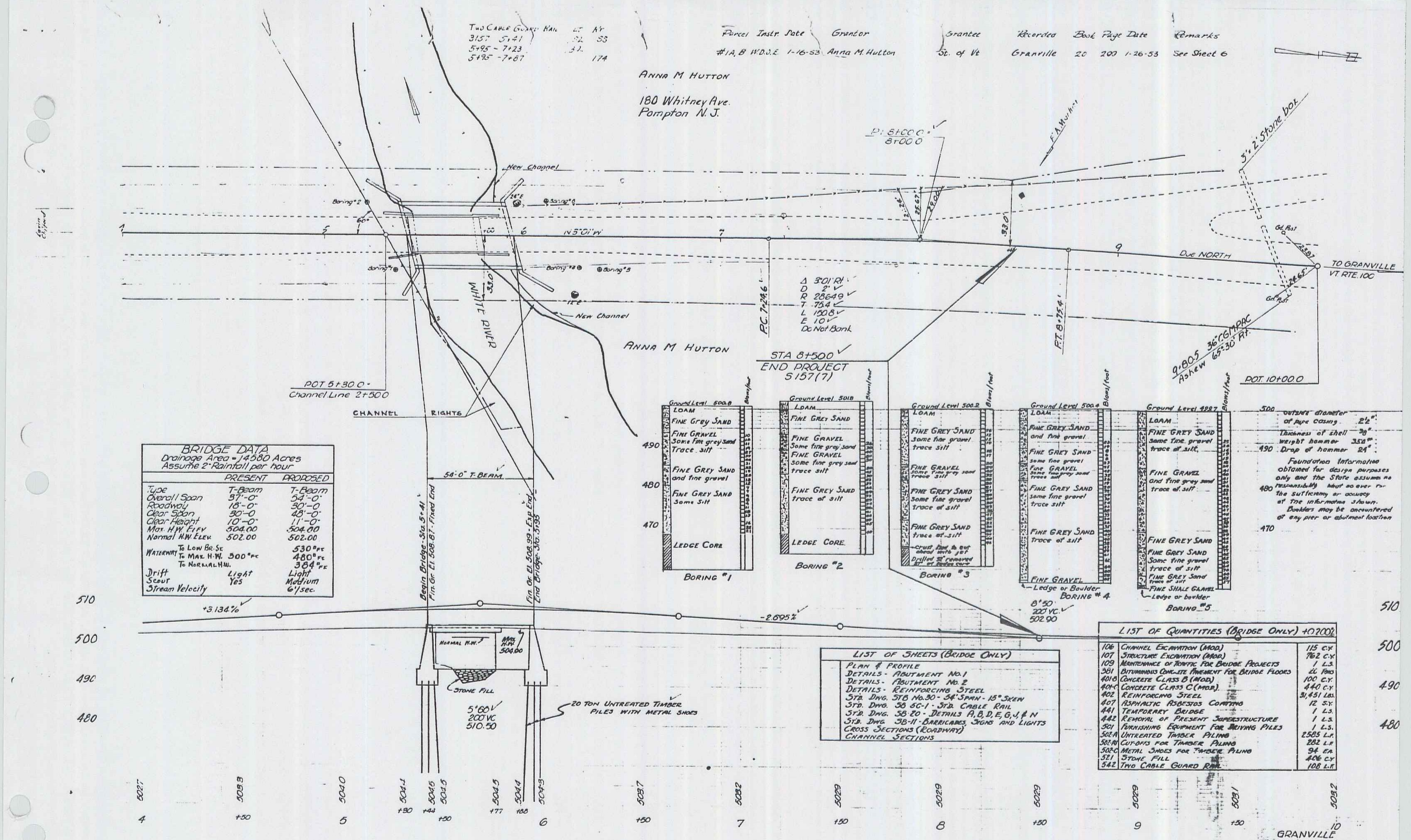
Two Cable Guard Rail	Lt	Rt
3157 5+41	32	53
5+95 - 7+23	32	
5+95 - 7+67		174

Parcel	Instr.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#1A, B	W.D.O.E.	1-16-53	Anna M. Hulton	St. of Vt	Granville	20	200	1-26-53	See Sheet 6



ANNA M HUTTON
180 Whitney Ave.
Pompton N.J.
P.I. 8+00.0
8+00.0
F.A. Mulhol
3'x2' Stone box
New Channel
Boring #2
Boring #6
Boring #1
Boring #4
Boring #5
60°
24"E
12"E
1
5
+00
6
7
9
N5°01'W
Due NORTH
33.0
25.67
29.00
2.24
WHITE RIVER
New Channel
Gd. Post
23.87
24.65
Gd. Post
TO GRANVILLE
VT. RTE. 100
Δ 3°01' Rt
D 2°
R 28649
T 75.4
L 150.8
E 1.0
Do Not Bank
P.C. 7+24.6
P.T. 8+75.4
ANNA M HUTTON
STA 8+500
END PROJECT
S157(7)
9+80.5 36" C.G.M.P.A.C.
Askew 65°30' Rt.
POT. 10+00.0
POT 5+30.0
Channel Line 2+500
CHANNEL RIGHTS
54'-0" T-BEAM
Begin Bridge - Sta. 5+41
Fin. Gr. El. 508.87 - Fixed End
Fin. Gr. El. 508.99 - Exp. End
End Bridge - Sta. 5+95
+3.134%
-2.695%
5+60
200' VC
510.50
8+50
200' VC.
502.90
Normal H.W.
Max. H.W. 504.00
Stone Fill
20 Ton Untreated Timber Piles with Metal Shoes
510
500
490
480
470
Ground Level 500.8
Loam
Fine Grey Sand
Fine Gravel Some fine grey sand Trace silt
Fine Grey Sand and fine gravel
Fine Grey Sand Some silt
Ledge Core
Boring #1
Ground Level 501.8
Loam
Fine Grey Sand
Fine Gravel Some fine grey sand
Fine Gravel some fine grey sand trace silt
Fine Grey Sand trace of silt
Ledge Core
Boring #2
Ground Level 500.2
Loam
Fine Grey Sand Some fine gravel trace silt
Fine Gravel some fine grey sand trace silt
Fine Grey Sand Some fine gravel trace of silt
Fine Grey Sand trace of silt
Crust, had to cut ahead with jet
Drilled 5' removed 3' of ledge core
Boring #3
Ground Level 500.4
Loam
Fine Grey Sand and fine gravel
Fine Grey Sand some fine gravel
Fine Gravel some fine grey sand trace silt
Fine Grey Sand some fine gravel trace silt
Fine Grey Sand trace of silt
Fine Gravel
Ledge or Boulder
Boring #4
Ground Level 498.7
Loam
Fine Grey Sand some fine gravel trace of silt
Fine Gravel and fine grey sand trace of silt
Fine Grey Sand
Fine Grey Sand Some fine gravel trace of silt
Fine Grey Sand trace of silt
Fine Shale Gravel
Ledge or boulder
Boring #5
Blows/foot
502.7
503.3
504.0
504.1
504.5
504.5
504.5
504.4
504.3
503.7
503.2
502.9
502.9
502.9
502.9
503.1
503.2
4
+50
5
+30
+44
+50
+77
+88
6
+50
7
+50
8
+50
9
+50
10

BRIDGE DATA Drainage Area = 14580 Acres Assume 2" Rainfall per hour	PRESENT	PROPOSED
Type	T-Beam	T-Beam
Overall Span	37'-0"	54'-0"
Roadway	18'-0"	30'-0
Clear Span	30'-0	48'-0"
Clear Height	10'-0"	11'-0"
Max. H.W. Elev.	504.00	504.00
Normal H.W. Elev.	502.00	502.00
Waterway To Low Br. St.		530 □'
To Max. H.W.	300 □'	480 □'
To Normal H.W.		384 □'
Drift	Light	Light
Scour	Yes	Medium
Stream Velocity		6'/sec.

500 outside diameter of pipe casing 2½"
Thickness of shell 3/8"
weight hammer 350#
490 Drop of hammer 24"

Foundation information obtained for design purposes only and the State assumes no responsibility what so ever for the sufficiency or accuracy of the information shown.

Boulders may be encountered at any pier or abutment location

LIST OF SHEETS (BRIDGE ONLY)

- Plan & Profile
- Details - Abutment No. 1
- Details - Abutment No. 2
- Details - Reinforcing Steel
- Std. Dwg. STB No. 30 - 54' Span - 15° Skew
- Std. Dwg. SB 6C-1 - Std. Cable Rail
- Std. Dwg. SB 20 - Details A, B, D, E, G, J, & N
- Std. Dwg. SB-11 - Barricades, Signs and Lights
- Cross Sections (Roadway)
- Channel Sections

LIST OF QUANTITIES (BRIDGE ONLY) +0.200%		
106	Channel Excavation (Mod.)	115 C.Y.
107	Structure Excavation (Mod.)	762 C.Y.
109	Maintenance of Traffic for Bridge Projects	1 L.S.
381	Bituminous Concrete Pavement for Bridge Floors	26 Tons
401-B	Concrete Class B (Mod.)	100 C.Y.
401-C	Concrete Class C (Mod.)	440 C.Y.
402	Reinforcing Steel	31,451 Lbs.
407	Asphaltic Asbestos Coating	12 S.Y.
441	Temporary Bridge	1 L.S.
442	Removal of Present Superstructure	1 L.S.
501	Furnishing Equipment for Driving Piles	1 L.S.
502-A	Untreated Timber Piling	2585 L.F.
502-B	Cut-offs for Timber Piling	282 L.F.
502-C	Metal Shoes for Timber Piling	94 Ea.
521	Stone Fill	406 C.Y.
542	Two Cable Guard Rail	108 L.F.

GRANVILLE
Proj S No 157 (7)
Sheet 7 of 75 Sheets

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