

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

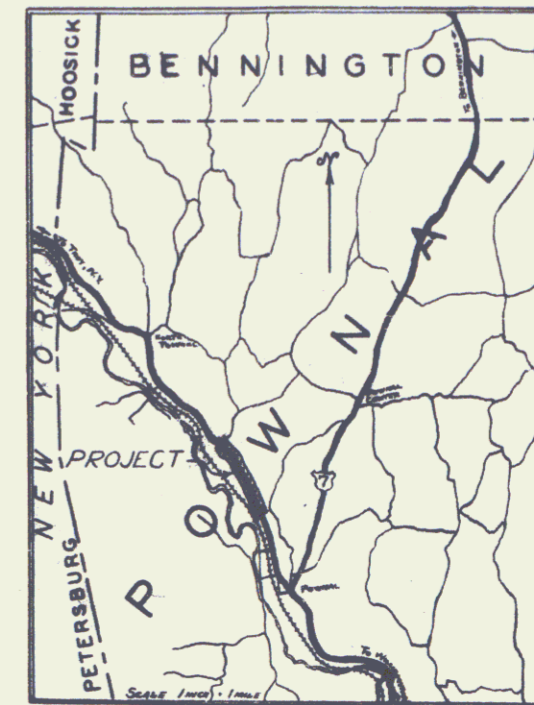
NATIONAL RECOVERY HIGHWAY PROJECT

TOWN OF POWNAL *Pin H 99R 688*

POWNAL - NORTH POWNAL ROAD

FROM 500 FT. NORTH OF A 9' x 6.5' COW PASS NORTH-  
EASTLY 0.927 MILES TO 1100 FT. SOUTH OF THE POWNAL  
LIME COMPANY MILL  
LENGTH OF PROJECT 4898.1 FT. - 0.927 MI.

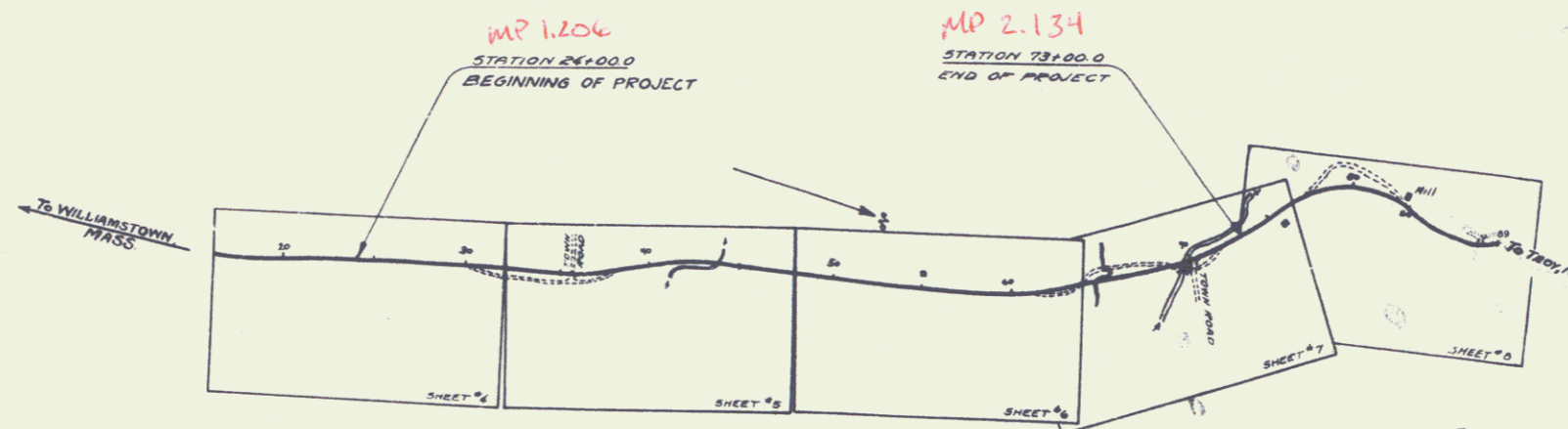
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.
5	VT.	138A	1933	10



INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	TYPICAL CROSS-SECTION OF IMPROVEMENT (BITUMINOUS MACADAM SURFACE COURSE)
2	BANKING AND WIDENING TABLES
3-8	PLAN AND PROFILE SHEETS
9	STANDARD STRUCTURE SHEET 5-30 GUARD RAIL
10	BARRICADES SIGNS AND LIGHTS 5B-11

STANDARD SHEET 5-30 SUBMITTED TO THE CHIEF ENGINEER ON MAY 16, 1933.



CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION	RAILROAD	CURVE DATA
TOWN LINE	GRADE ELEVATION	RETAINING WALL	DEFLECTION ANGLE
FENCE LINE		CENTER LINE	DEGREE OF CURVE
STONE WALL		SURVEY LINE	RADIUS OF CURVE
UNFENCED PROPERTY		CULVERT	TANGENT DISTANCE
GUARD RAIL		DROP INLET	LENGTH OF CURVE
TRAVELED WAY		TROLLEY POLE	EXTERNAL DISTANCE
RAILROAD		POWER POLE	POINT OF INTERSECTION
RETAINING WALL		TELEPHONE POLE	POINT OF CURVE
CENTER LINE		TREES	POINT OF TANGENT
SURVEY LINE		HEDGE	POINT ON TANGENT

SCALES  
TITLE 1" = 500'  
PLAN 1" = 50'  
PROFILE VERT. 1" = 20'  
HORIZ. 1" = 100'  
CROSS-SECTIONS 1" = 5'

These plans are subject to such revision 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 Standard Road and Bridge Specifications of 1933 with such revised specifications and special provisions as are submitted with these plans.

APPROVED *F. E. August* July 1, 1933  
COMMISSIONER OF HIGHWAYS  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

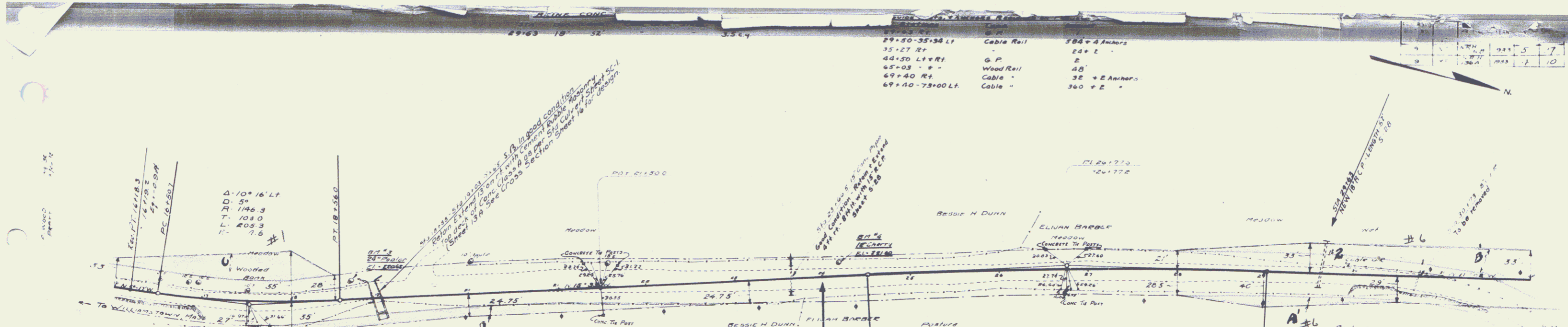
Rte. VT 346

RECOMMENDED [Redacted]  
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS  
RECOMMENDED FOR APPROVAL [Redacted]  
CHIEF ENGINEER BUREAU OF PUBLIC ROADS  
APPROVED [Redacted]  
DIRECTOR - BUREAU OF PUBLIC ROADS

Project No. NR436A

*cross ref to 34x623 DPR 100934*

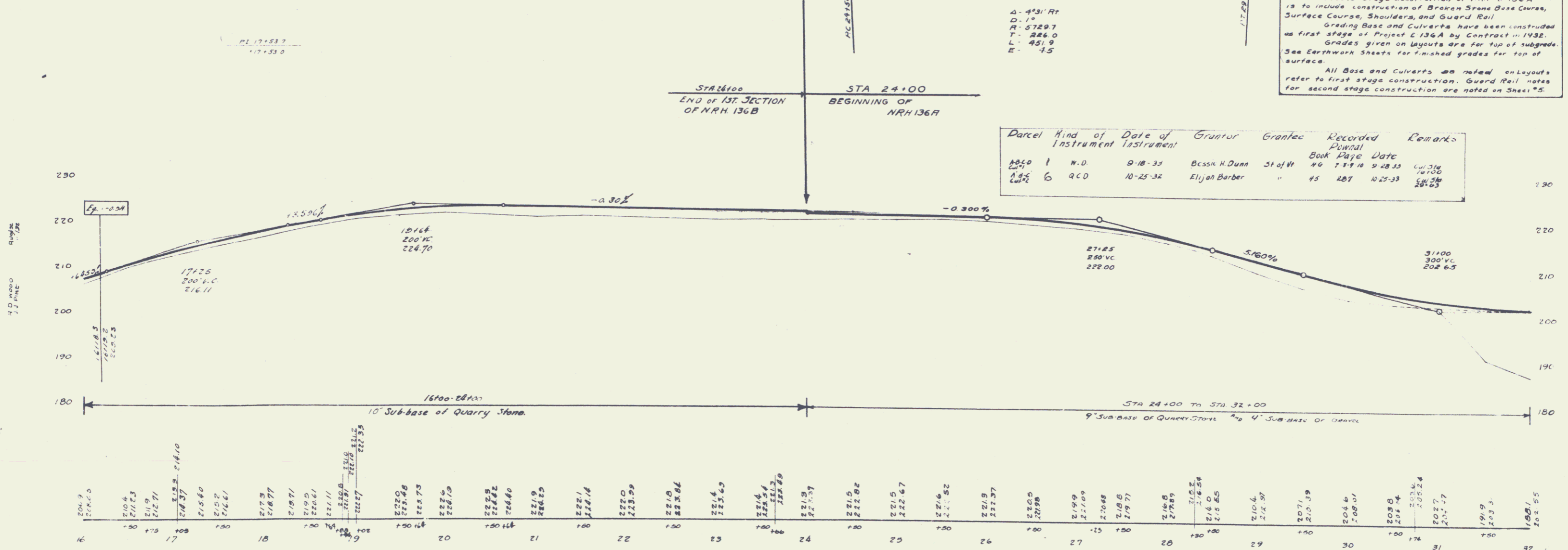
CORRECT [Redacted] SERIES RRH NO. 138A FILED SHEET 10



29+50-35+34 Lt	Cable Rail	184 + 4 Anchors
35+27 Rt	"	24 + 2 "
44+50 Lt + Rt	G. P.	2
65+03 " "	Wood Rail	48'
69+40 Rt	Cable "	32 + 2 Anchors
69+40-73+00 Lt	Cable "	360 + 2 "

NOTE: Second Stage Construction of F.A.P. E 136A is to include construction of Broken Spine Base Course, Surface Course, Shoulders, and Guard Rail. Grading Base and Culverts have been constructed as first stage of Project E 136A by Contract #11932. Grades given on layouts are for top of subgrade. See Earthwork Sheets for finished grades for top of surface. All Base and Culverts as noted on layouts refer to first stage construction. Guard Rail notes for second stage construction are noted on Sheet #5.

Parcel	Kind of	Date of	Grantor	Grantee	Recorded	Remarks
	Instrument	Instrument			Book Page Date	
A&C 1	N.D.	9-18-35	Bessie H. Dunn	St of Wt	46 179 10 9 28 33	Lot 216
A&C 6	QCO	10-25-32	Elijah Barber	"	45 187 10 25 33	Lot 216 202 65

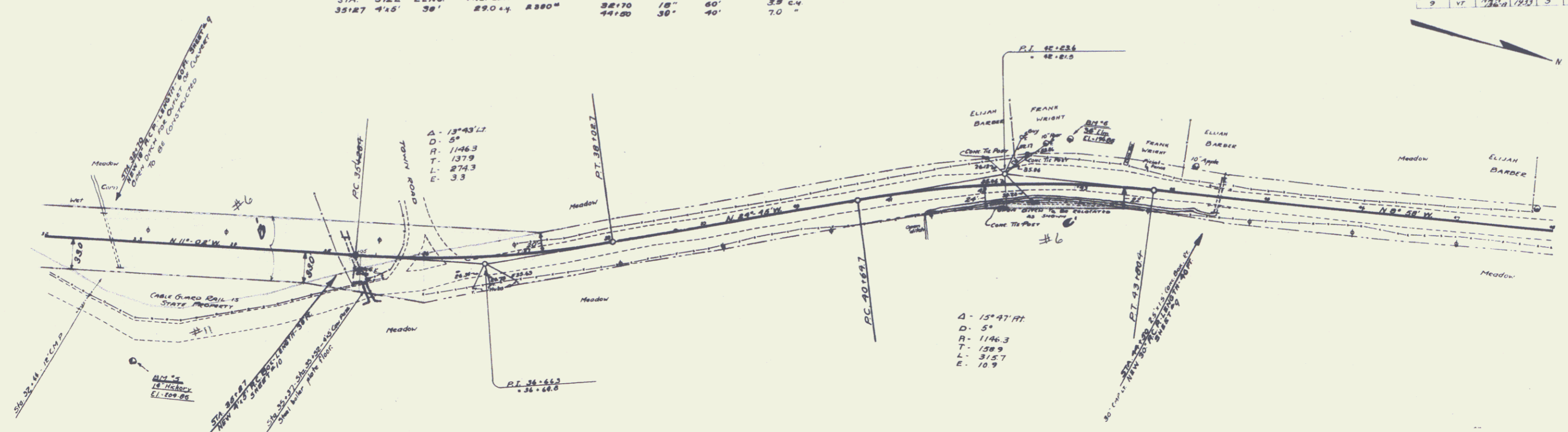


8 N 4 3 24 Power 125 Lt Sta 18+80 Elev 220.12  
 2 N 4 4 12 Br. N. C. 116.74 - 125 Lt Sta 24+19 Elev 221.60

SHEET 4  
 SERIES NRH 13  
 SHEET 5 OF 2

REIN. CONC. BOX CULVERTS				REIN. CONC. PIPE CULVERTS			
STA	SIZE	LENG.	CONC. CL. STEEL	STA	DIA.	LENG.	C.R.M.
35+27	4'x5'	38'	E90+4, R880"	38+70	18"	60'	35 C.N.
				44+80	30"	40'	70 "

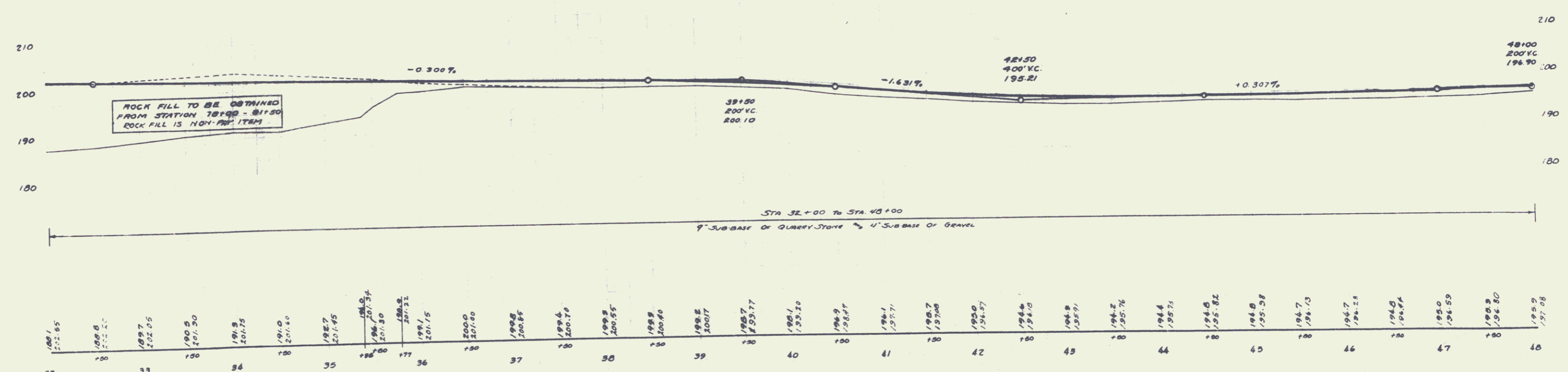
NO.	DATE	BY	CHECKED	TOTAL SHEETS
9	1/26/81	1/23/81		10



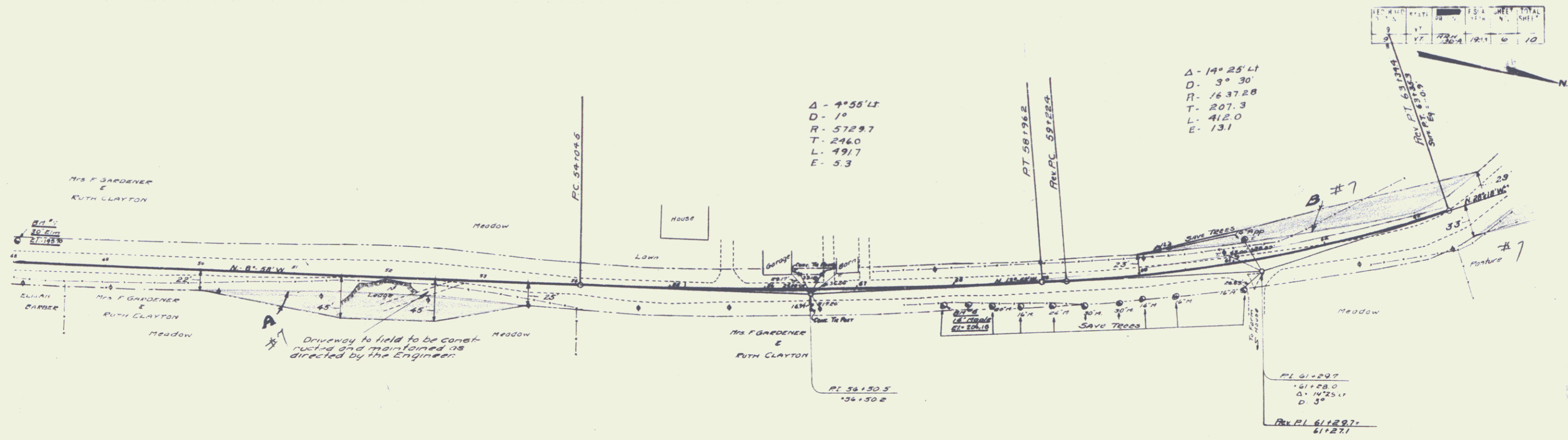
$\Delta = 13^{\circ}43'12''$   
 $D = 5'$   
 $R = 1146.3$   
 $T = 137.9$   
 $L = 274.3$   
 $E = 33$

$\Delta = 15^{\circ}47'11''$   
 $D = 5'$   
 $R = 1146.3$   
 $T = 158.9$   
 $L = 315.7$   
 $E = 10.9$

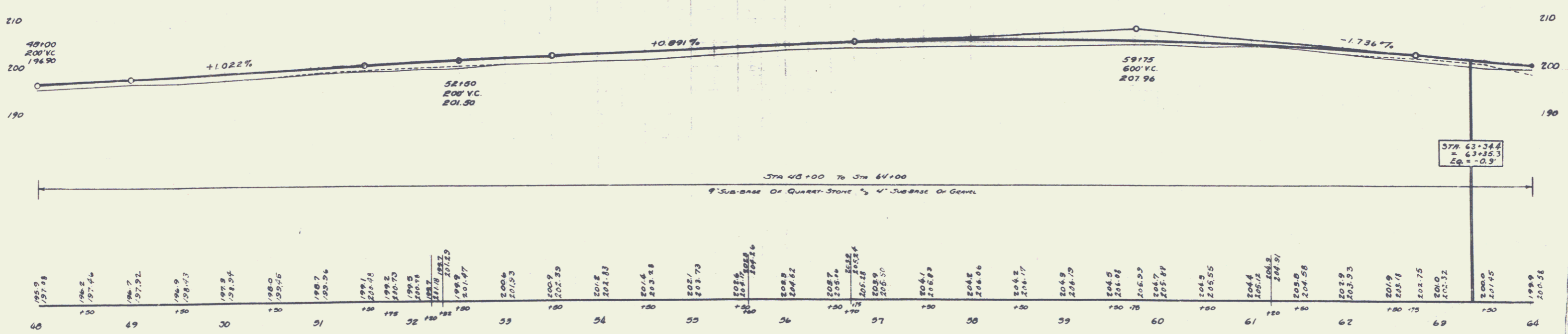
Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
A-6-C	Q.C.D. 6	10-25-32	ELIJAH BARBER	ST 44	45 287	10-25-32



B.M. # 5 - 14' Hickory - 125' Rt. STA 32+52 - Elev. 209.85  
 B.M. # 6 - 36' Elm - 43' Lt. STA 42+92 - Elev. 196.85



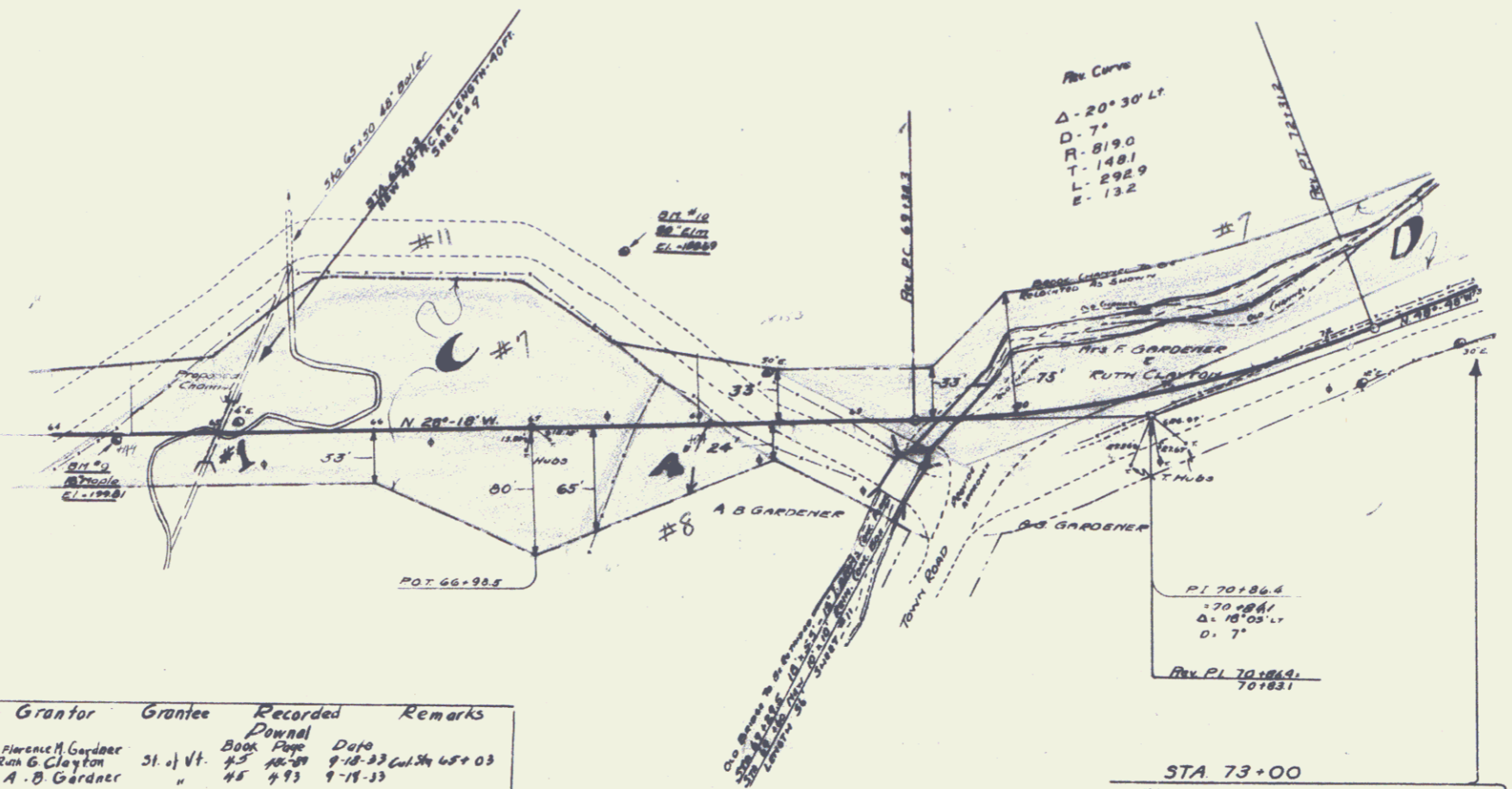
Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A-5-C-D	W.D.	12-19-32	Mrs. F. Gardener Ruth & Clayton	St. of Vt.	45	186/201 9-10-33



B.M. # 7 - 30' Elm 19' Lt. Sta 48+02 - Elev. 195.70  
 B.M. # 6 - Spike in Road 14' Name - 17' Rt. Sta 57+91 Elev. 206.15

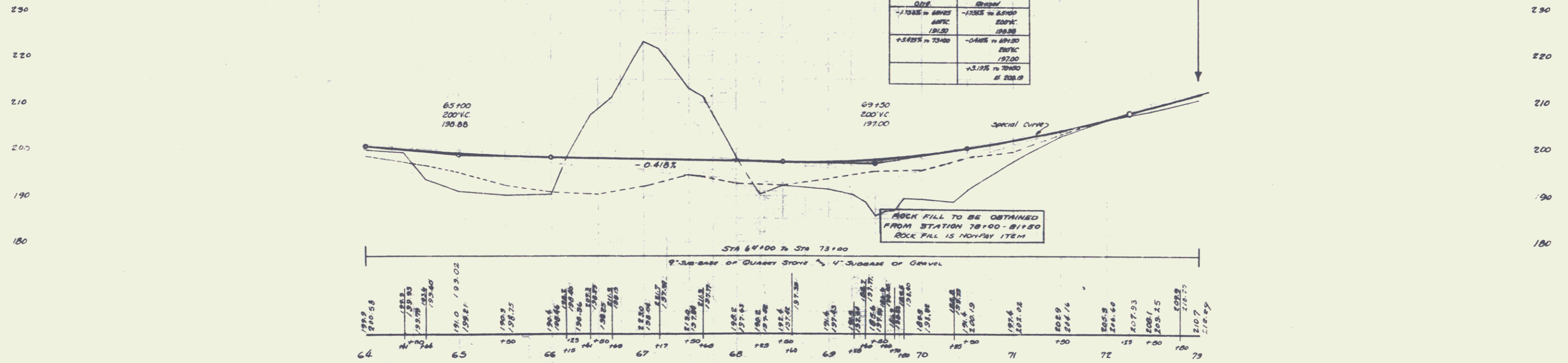
STA.	SIZE	LENG.	CONC.	CL.A.	STEEL
69+00	10"10"	85'	12%	4"	9946"
STA.	DIA.	LENG.	CONC.	CL.A.	STEEL
63+03	48"	40'	9.0		100"

9	VT	N.H.R.	1923	6	37
10	VT	N.H.R.	1923	7	10



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
AB6061	M.D.	7-12-19-32	Phrance H. Gardner	St. J. Vt.	Book 45 Page 48	9-10-33 Col. 46 & 48
4'	a.c.d.	8-1-4-33	Ruth S. Clayton	"	45	9-19-33
			A. B. Gardner	"		

Grade	Station	Grade	Station
-1.12%	64+00	-1.12%	65+00
0.00%	65+00	0.00%	66+00
+3.12%	66+00	+3.12%	67+00
-0.41%	67+00	-0.41%	68+00
+3.12%	68+00	+3.12%	69+00



B.M. #9 - Spike in Root 16" Maple - 10' Rt. 378.64 ± Elev. 199.81  
 B.M. #10 - " " " 50' Elm - 105' Lt. 378.64 ± Elev. 185.69

SHEET 7  
 SERIES N.H.R. 136B  
 Sheet 6 of 37  
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