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3	BANKING AND WIDENING TABLES <i>(COAT OF KEYPED TAR TEND. ET. 30. 1/31)</i>
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Standard Structure Sheet S-31 Approved by the Chief Engineer July 25, 1934

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	Vt.	81A(2)	1936	1	11

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

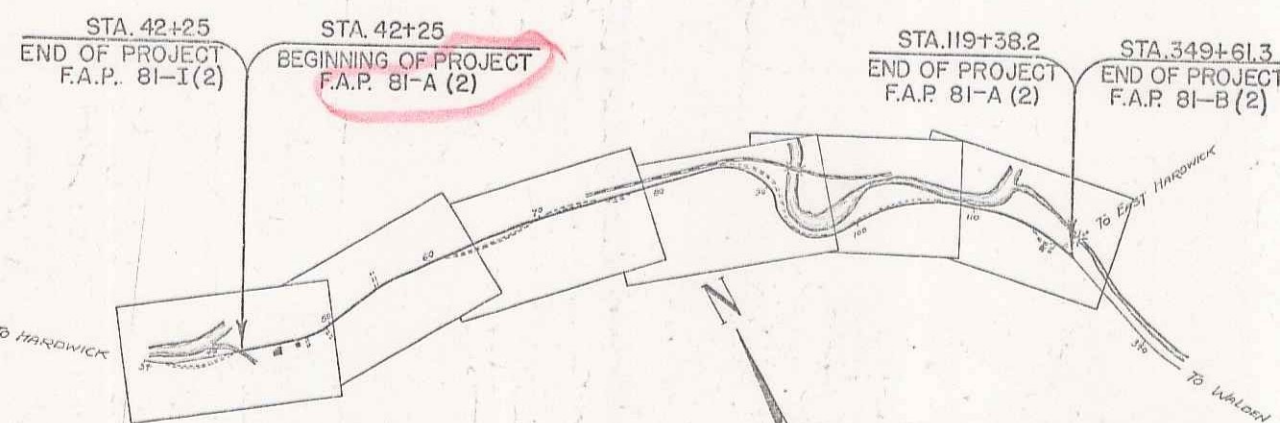
TOWN OF HARDWICK *Pin # 008266*
HARDWICK-ST. JOHNSBURY ROAD

BEGINNING AT A POINT 0.27 MILES EAST OF HARDWICK VILLAGE LINE AND EXTENDING EASTERLY 1.444 MILES TO A POINT 0.02 MILES SOUTHEASTERLY OF THE JUNCTION OF ROUTE 12 WITH ROUTE 15.

LENGTH OF PROJECT: $\frac{7621.1}{5.28}$ FEET = 1.444 MILES



MM 0432-0577



RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of Hardwick
(To Be Returned To R.O.W. Division)

APPROVED: *Sept. 16, 1939*
H. E. Sargent
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

COU.	TOW.	FEN.	STO.	UNFEN.	GUAR.	TRAV.	RAIL.	RETA.	CEN.	BUR.	CUL.	DROI.	TROL.	TELE.	TREE.	HEDGE.

ANAL SIGNS

	DATUM	LINE
GROUND ELEVATION	DATUM	LINE
GRADE ELEVATION	DATUM	LINE

CURVE DATA

DEFLECTION ANGLE	..... Δ
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" = 800'
Typical	1" = 2'
Plan	1" = 50'
Profile	1" = 50'

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OF THE COMMISSIONER OF HIGHWAYS. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND STANDARD FORMS AND GRADE SPECIFICATIONS OF 1936, AS REVISIONS HERETOFORE ISSUED BY THE PUBLIC ROADS ADMINISTRATION INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISIONS SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED AND THE PLANS.

ATTENTION OF THE CONTRACTOR IS CALLED TO THE FACT THAT THE STATE HIGHWAY BOARD RESERVES THE RIGHT TO EXTEND THIS PROJECT AT THE SAME CONTRACT PRICE, THE COST OF EXTENSION NOT TO EXCEED 25% OF THE AMOUNT OF THE CONTRACT.

RECOMMENDED FOR APPROVAL

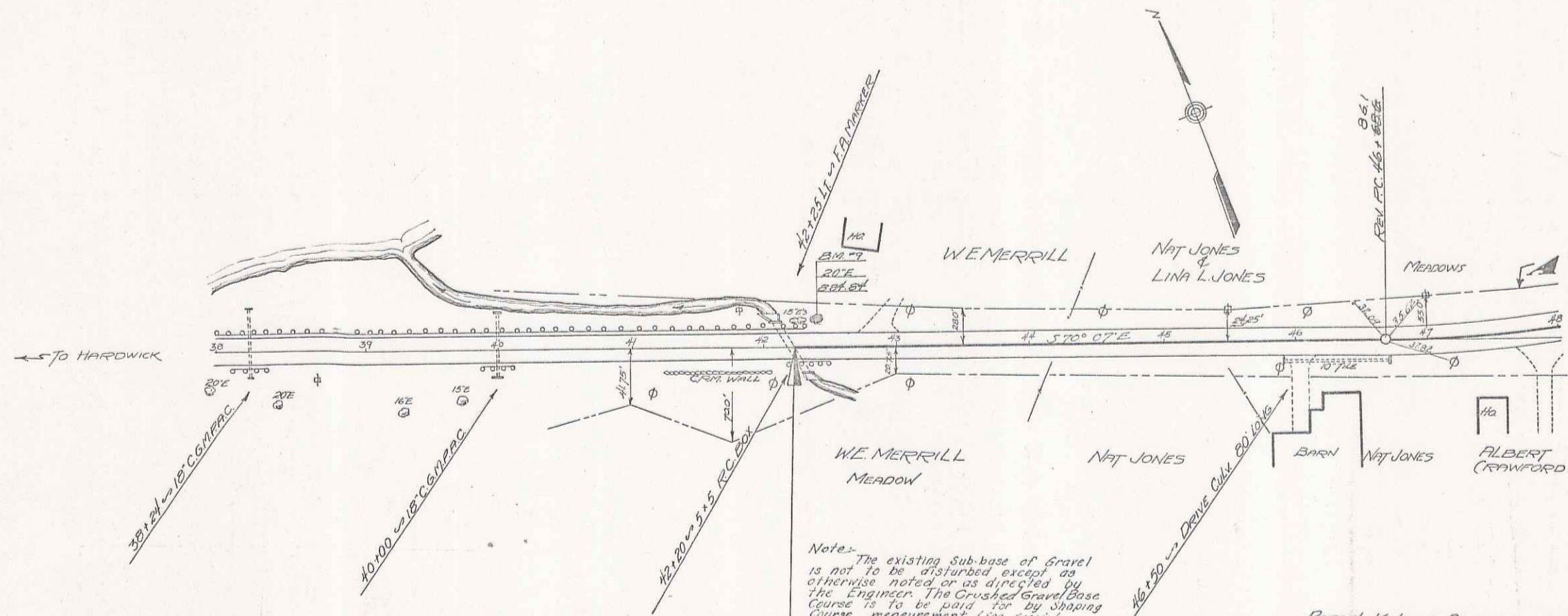
DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY
APPROVED
SCHEMATIC ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

APPROVED: *Sept. 11, 1939*
H. E. Sargent
DISTRICT ENGINEER

APPROVED: *Sept. 15, 1939*
H. E. Sargent
DISTRICT ENGINEER

SERIES F.A.P. NO. 81A(2) FILED
SHEET 1 OF 11

DIST. # 7 1

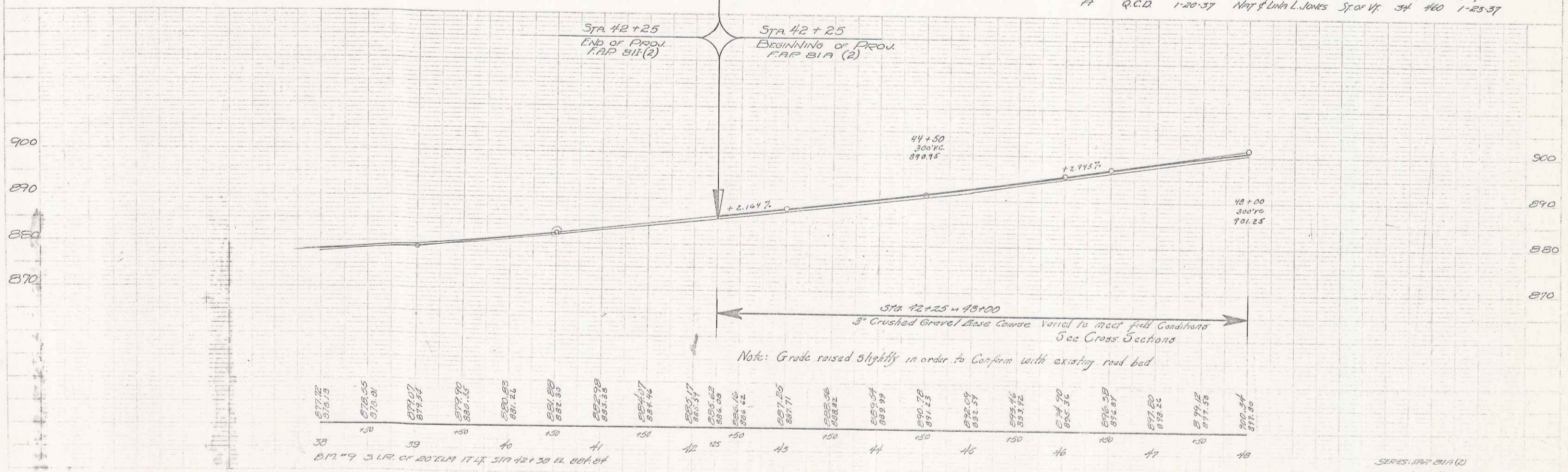


Notes: The existing sub-base of gravel is not to be disturbed except as otherwise noted or as directed by the Engineer. The Crushed Gravel Base Course is to be paid for by Shaping Course measurement. (See special provisions)

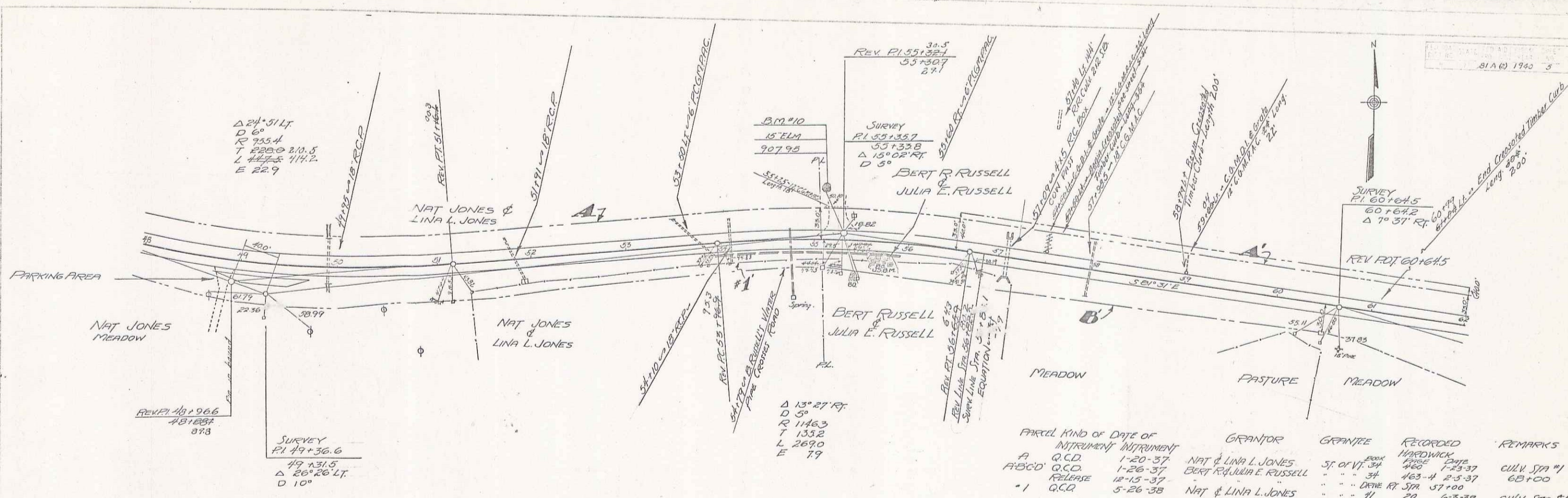
PARCEL	KIND OF DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED HARDWICK BOOK PAGE DATE	REMARKS
A	R.C.D.	1-20-37	Nat & Lina L. Jones Sr & Jr	34 460 1-23-37	

Sta 42+25
 END OF PROJ. I.R.P. 811(2)

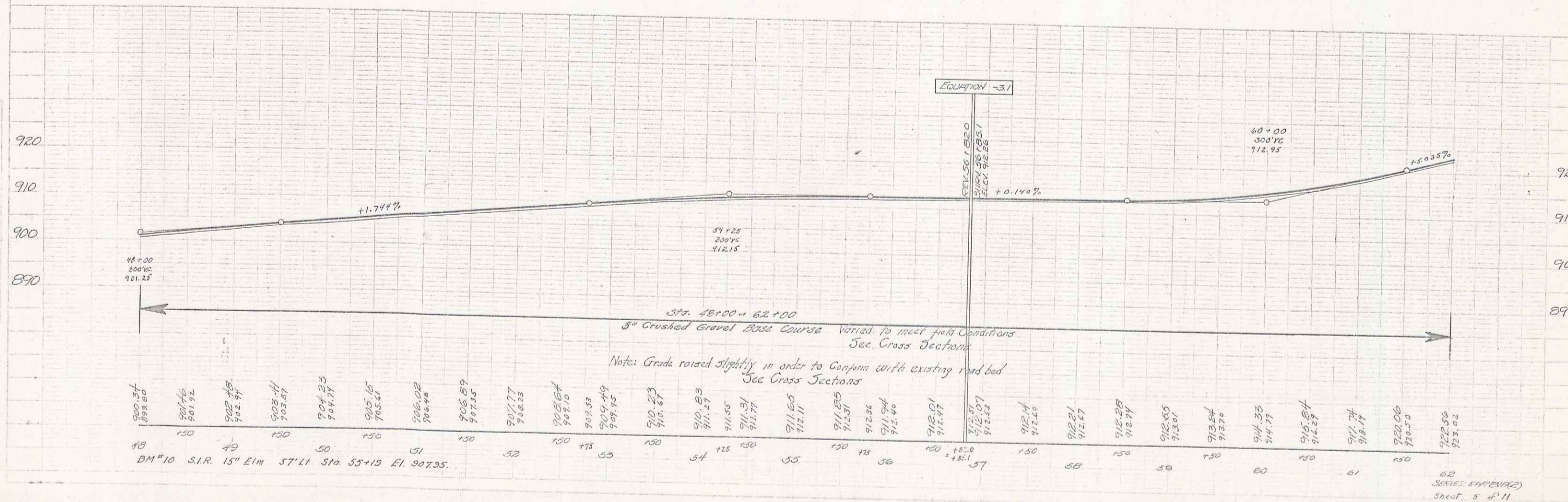
Sta 42+25
 BEGINNING OF PROJ. I.R.P. 811(2)

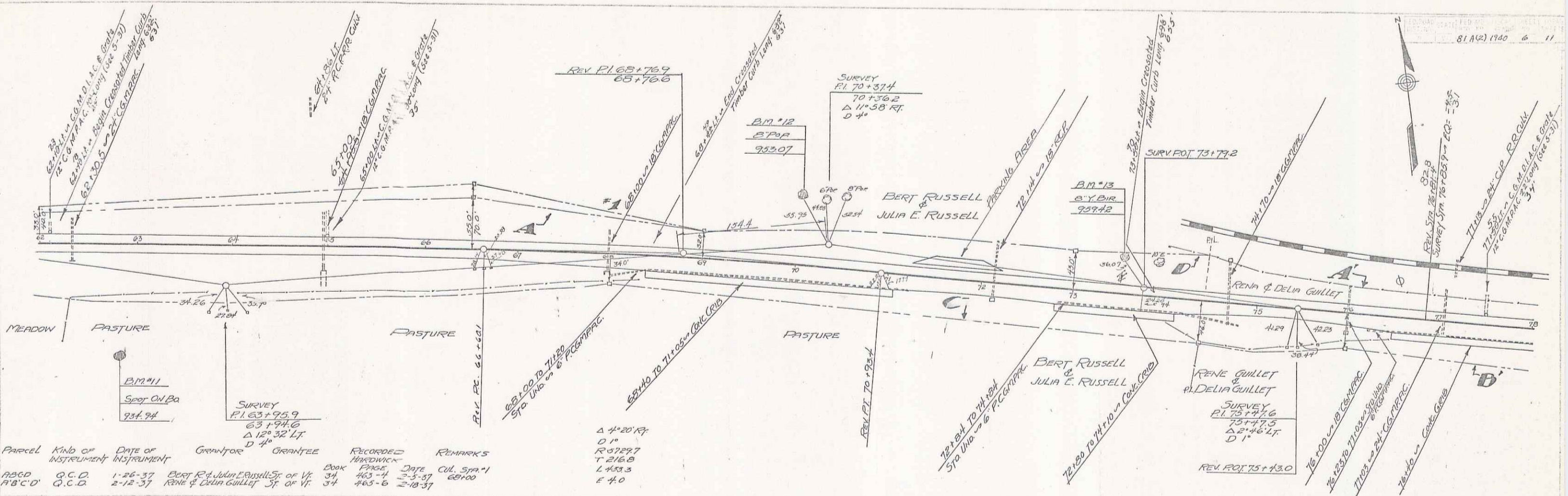


SERIES: I.R.P. 811(2)
 SHEET 4 OF 11 SHEETS

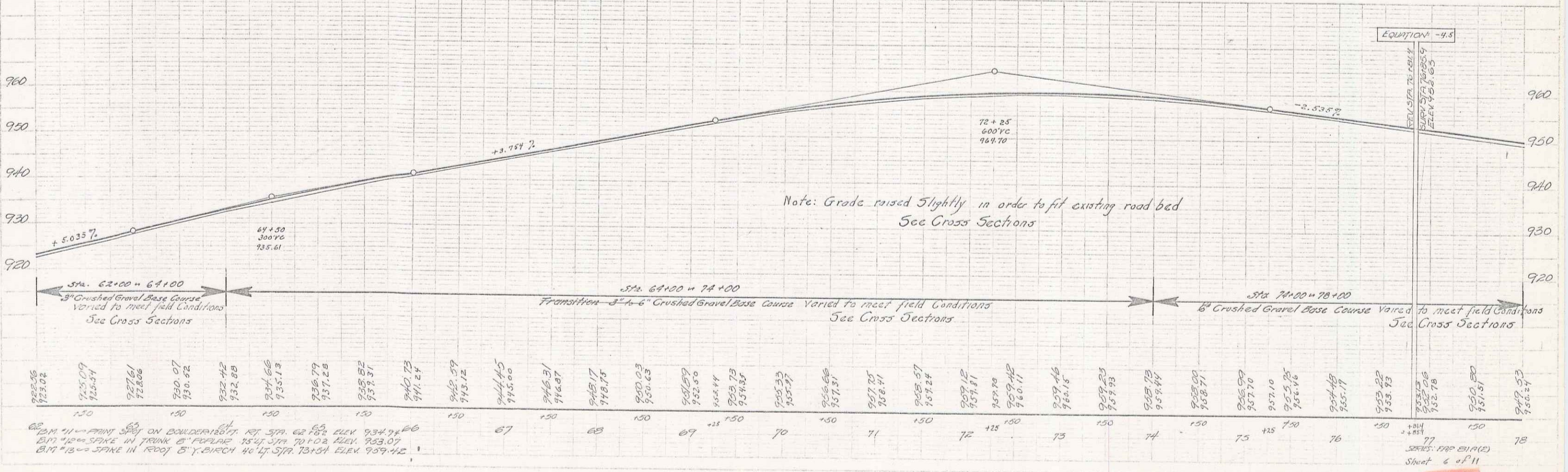


PARCEL	KIND OF INSTRUMENT	DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED DATE	REMARKS
A	Q.C.D.	1-20-37	NAT & LINA L. JONES	ST. OF VT. 34	463-4	CULV. STA #1
A B C D	Q.C.D.	1-26-37	BERT & JULIA E. RUSSELL	...	463-4	6B+100
1	Q.C.R.	5-26-38	NAT & LINA L. JONES	...	20	CULV. STA #1



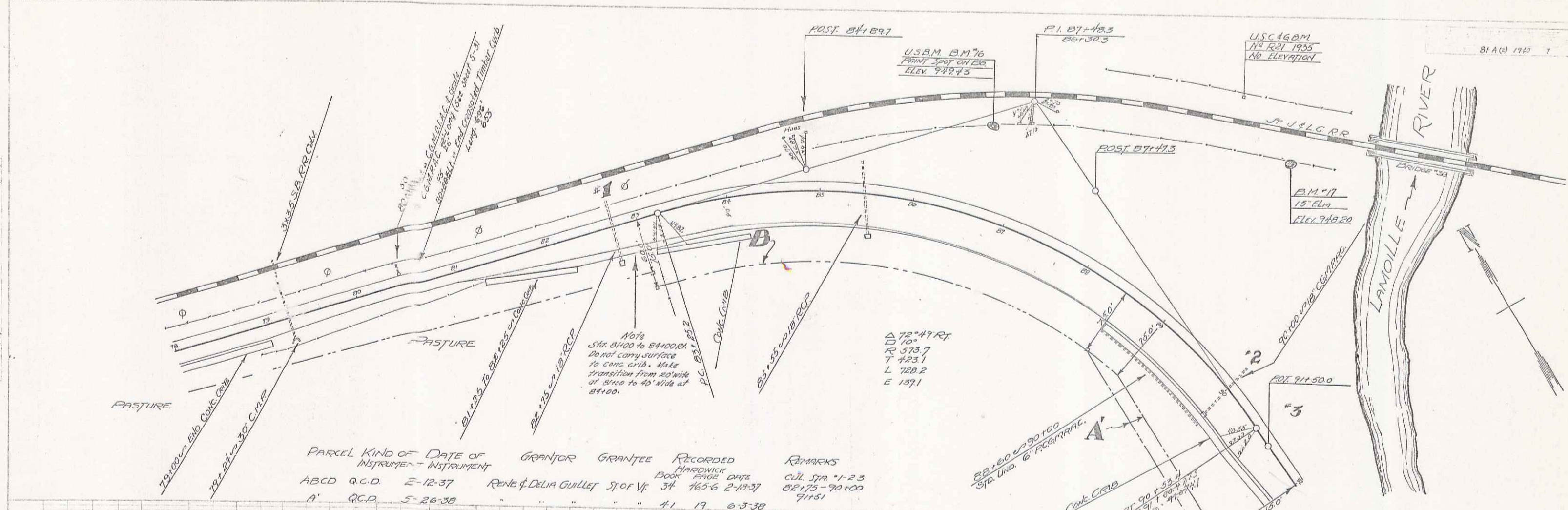


Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A&C	Q.C.D.	1-26-37	Bert R. & Julia E. Russell Jr. or Vr.	Book 34	Page 463-4	2-3-37 60100
A'B'C'D'	Q.C.D.	2-12-37	Rene & Delia Guillet Jr. or Vr.	34	465-6	2-18-37

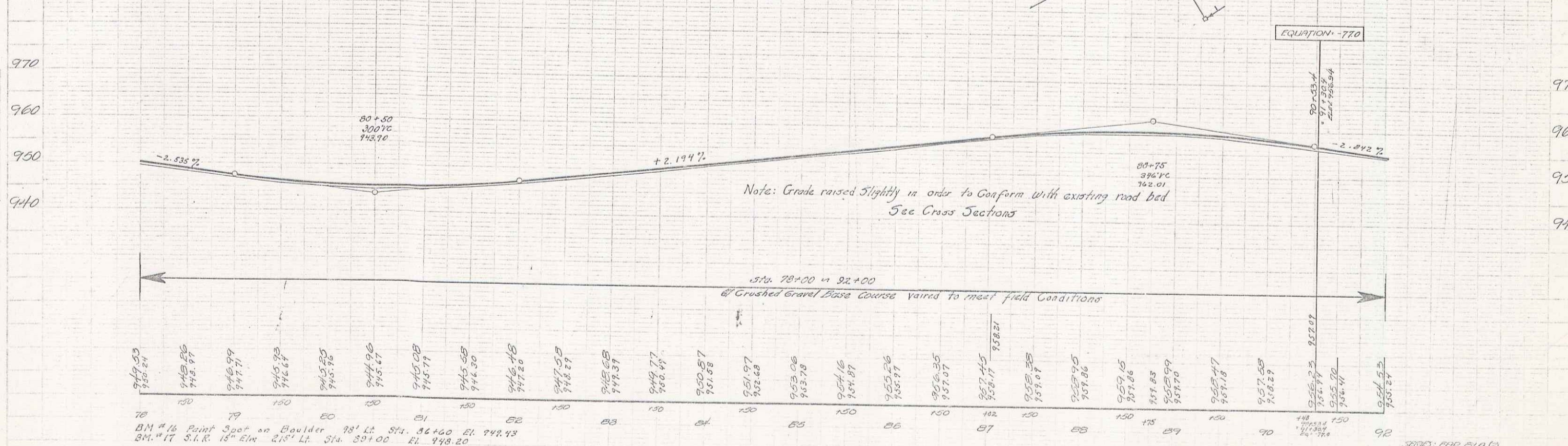


REVISED RECORDS 7-37

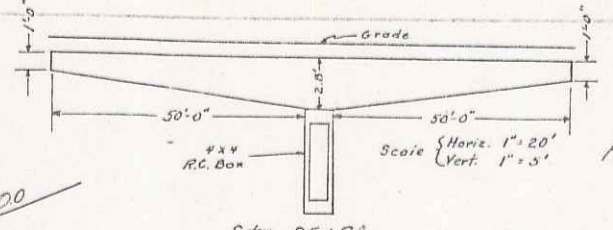
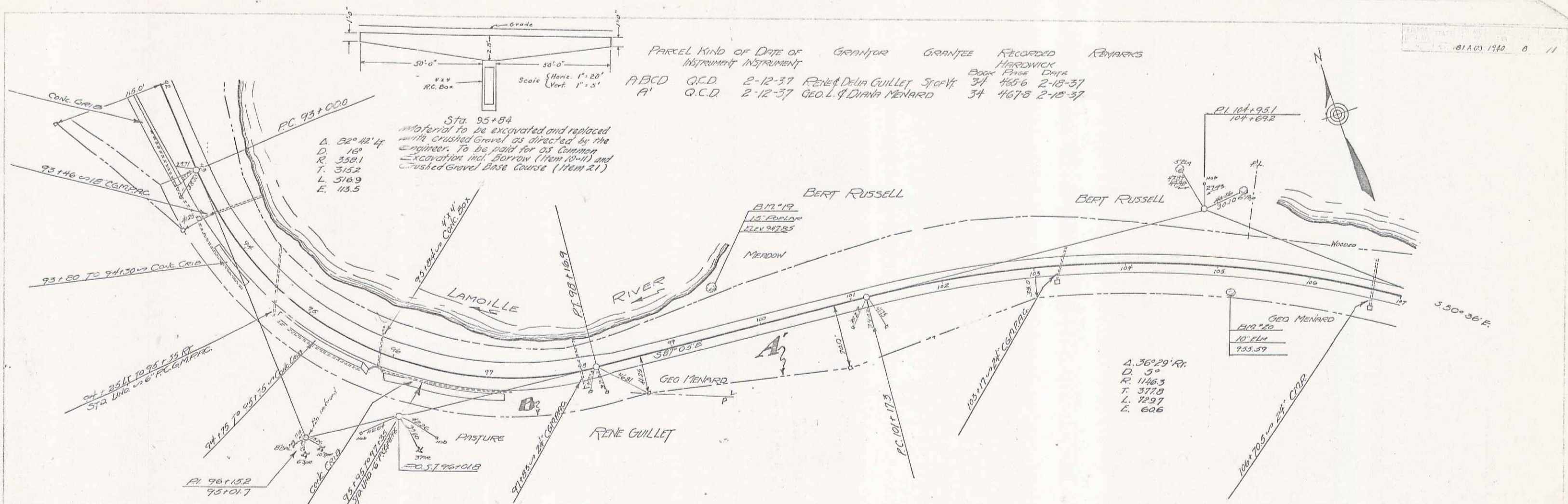
RECORDS 7-37



PARCEL	KIND OF INSTRUMENT	DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED BOOK	FILED DATE	REMARKS	
ABCD	Q.C.D.	2-12-37	RENE & DELIA GUILLET	ST. OF Vt.	34	165-6	2-18-37	CUL. STA. 78+00
A'	Q.C.D.	5-26-38	"	"	41	19	6-3-38	71+51



BM #16 Point Spot on Boulder 78' Lt. Sta. 84+00 El. 948.13
 BM #17 S.I.R. 15" Elm 215' Lt. Sta. 89+00 El. 948.20



Sta 95+84
 Material to be excavated and replaced with crushed gravel as directed by the engineer. To be paid for as Contract Excavation incl. borrow (from 10+11) and crushed gravel base course (Item 21)

- A. 22° 42' 44"
- D. 18'
- R. 352.1
- T. 315.2
- L. 316.9
- E. 113.5

- A. 36° 29' Rr
- D. 9'
- R. 146.3
- T. 372.8
- L. 729.7
- E. 606



Note: Grade raised slightly in order to conform with existing road bed
 See Cross Sections

STA 91+00 - STA 100+00
 4" Crushed Gravel Base Course Varied to meet field conditions
 See Cross Sections

STA 100+50 - STA 107+00
 4" CRUSHED GRAVEL BASE COURSE Varied to meet field conditions
 See Cross Sections

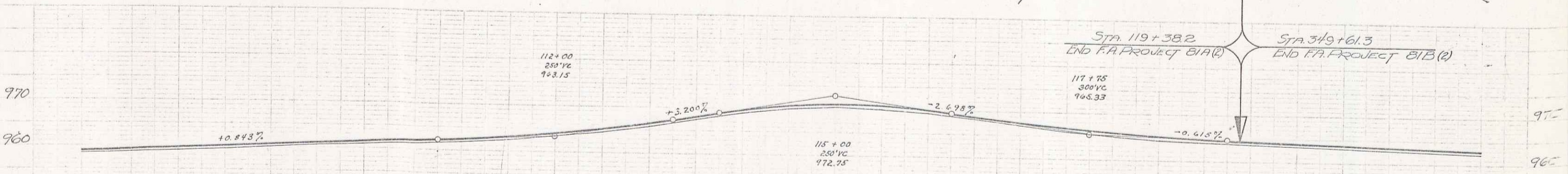
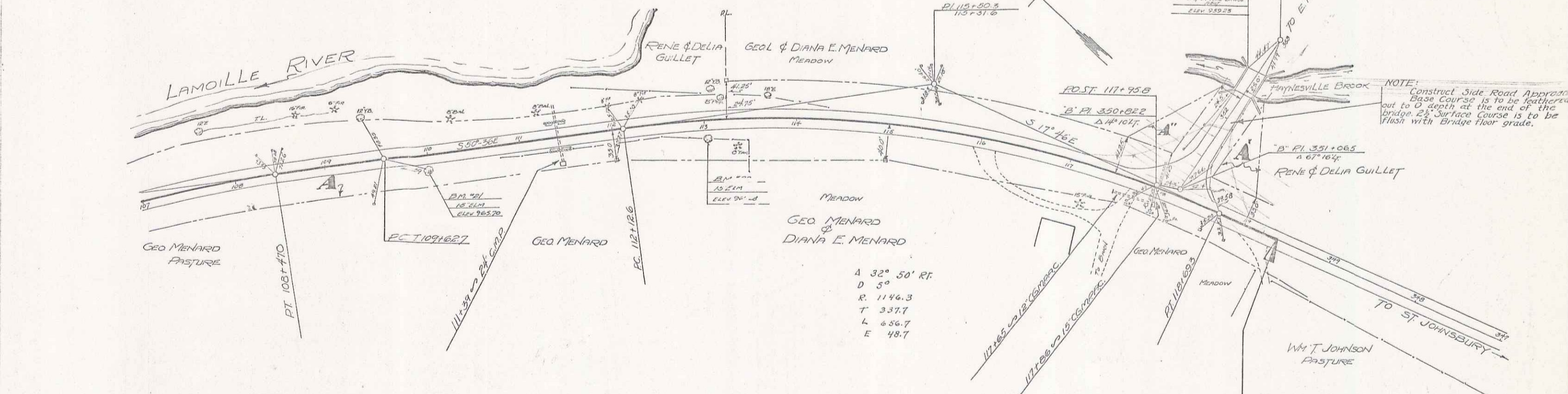
92+55	93+00	93+50	94+00	94+50	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00	105+50	106+00	106+50	107+00
954.55	953.62	953.76	953.85	953.92	953.97	954.01	954.04	954.06	954.07	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08	954.08

B.M. #19 S.I.R. 15" Poplar 50' Lt. Sta 99+75 El. 947.85
 B.M. #20 " " 10" Elm 25' Rt. Sta 105+15 El. 935.57

106 3065' B.P. (PAC)
 Sheet 8 of 11 SHEETS

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Hardwick	Book	Page	Date	Remarks
A	G.C.D.	2-12-37	GEO. F. DIANA MENARD	ST. JOHN	167	18	218	37		
A'	G.C.D.	5-26-38	RENE & DELIA GUILLET		41	19	5-5-38			
A''	G.C.D.	6-3-38	GEO. F. DIANA MENARD		41	21	6-7-38			

81AW 1940 9 11



Note: Grade raised slightly in order to conform with existing road bed. See Cross Sections.

STA 107+400 - STA 112+50
 #1 Crushed Gravel Base Course varied to meet field conditions. See Cross Sections

STA 112+50 - STA 119+382
 #2 Crushed Gravel Base Course varied to meet field conditions. See Cross Sections

968.16	968.77	969.23	969.55	969.82	969.96	970.10	970.24	970.38	970.52	970.66	970.80	970.94	971.08	971.22	971.36	971.50	971.64	971.78	971.92	972.06	972.20	972.34	972.48	972.62	972.76	972.90	973.04	973.18	973.32	973.46	973.60	973.74	973.88	974.02	974.16	974.30	974.44	974.58	974.72	974.86	975.00	975.14	975.28	975.42	975.56	975.70	975.84	975.98	962.7	962.7																																											
107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200

B.M. #21 3.1.2 15" Elm 15' RH 372.110 +00 El. 965.70
 B.M. #22 " " " 20' RH 512.113 +00 El. 966.28
 B.M. #23 Spot on Rock 12.5' LF 872.352 +00 (3" pins) El. 967.23

Sheet 9 of 11.54.55.55