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Standard Structure Sheets approved by the Chief Engineer:
 S28 - July 14, 1933
 S30 - Aug 15, 1933
 S31 - July 25, 1934

(To Be Returned To R.O.W. Division)
 Town of VT 78
 PERPETUAL
 RIGHT-OF-WAY DIVISION

STATE OF VERMONT
 STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
 STATE HIGHWAY

TOWN OF ALBURG

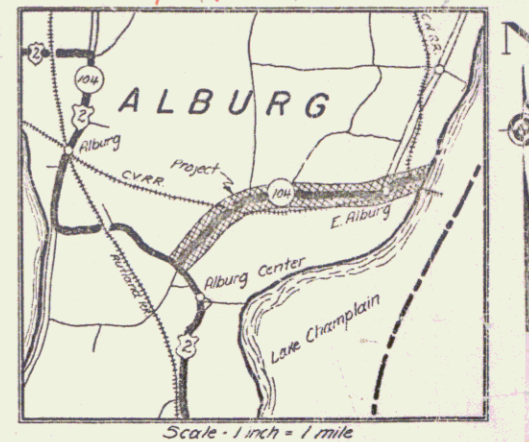
SWANTON-ALBURG ROAD

BEGINNING AT THE WEST END OF THE MISSISQUOI BAY PROJECT AND EXTENDING WESTERLY TO THE INTERSECTION WITH U.S. 2.

LENGTH OF ROADWAY 15,616.7 FT. = 2.957 MILES
 " " BRIDGE 59.0 " = 0.011 "
 " " PROJECT 15,675.7 " = 2.968 "

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	Vt.	2 19-N	1937	1	59

Route VT 78
 Project ST 219N
 Pin # 00R427
 Date 6/28/1937



RECORD PLANS
 BY A.R.W.

RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of VT 78
 (To Be Returned To R.O.W. Division)

APPROVED: AUGUST 13 1937
H. August
 COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

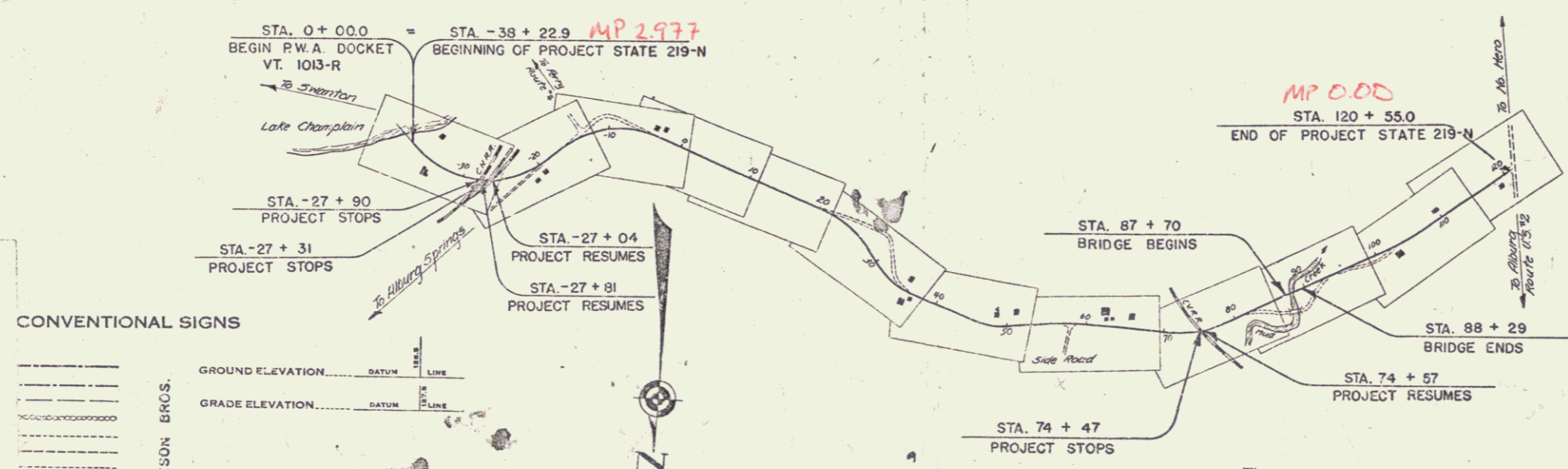
NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, ADJUSTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

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

Approved: June 24, 1937
Wassell D. [Signature]
 District Highway Comm.

Approved: June 26, 1937
[Signature]
 Chief Engineer

SERIES STATE NO. 219-N FILE
 SHEET 1 OF 59



CONVENTIONAL SIGNS

[Symbol]	GROUND ELEVATION	DATUM	FEET	LINE
[Symbol]	GRADE ELEVATION	DATUM	FEET	LINE

CURVE DATA

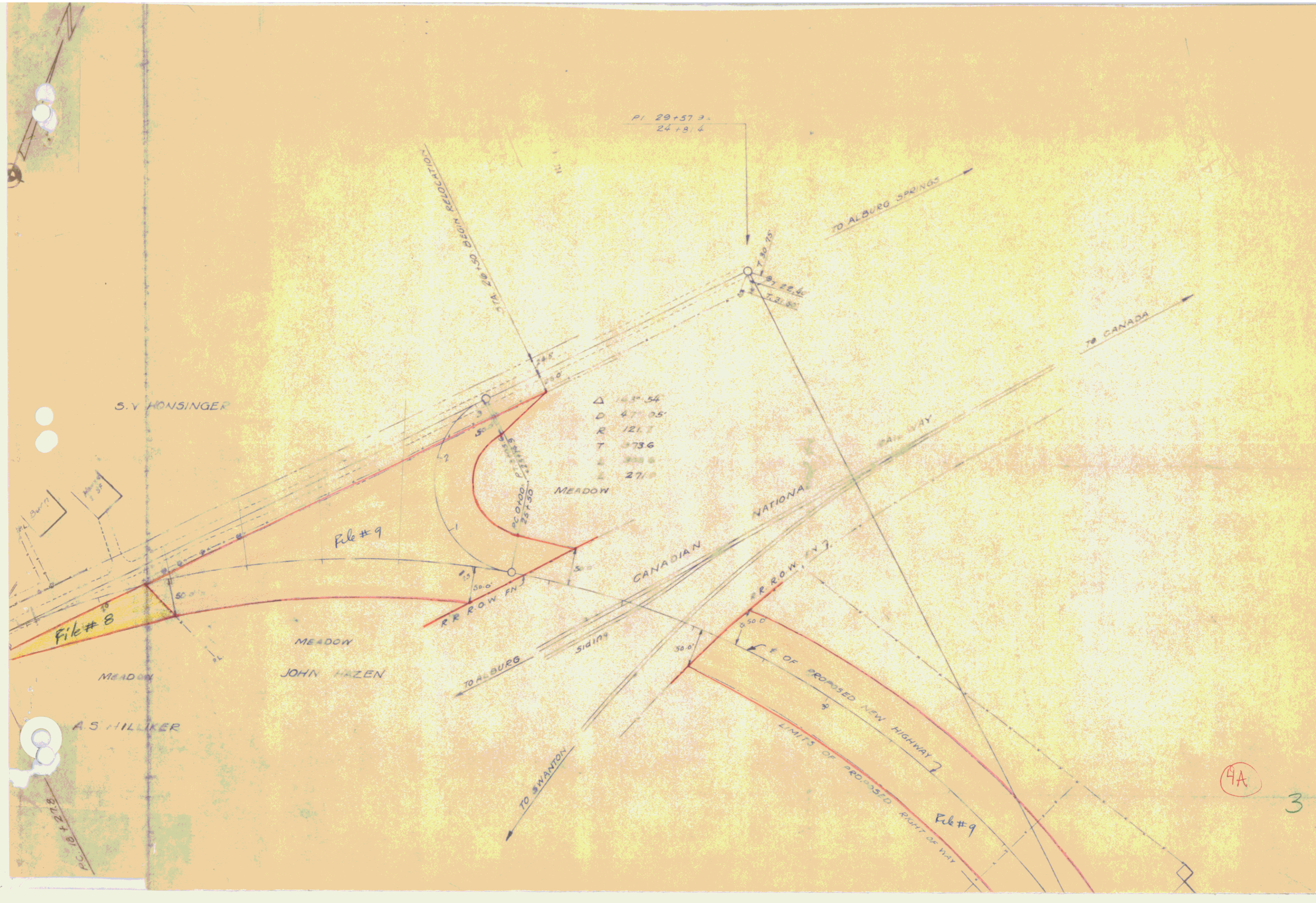
[Symbol]	DEFLECTION ANGLE	Δ
[Symbol]	DEGREE OF CURVE	D
[Symbol]	RADIUS OF CURVE	R
[Symbol]	TANGENT DISTANCE	T
[Symbol]	LENGTH OF CURVE	L
[Symbol]	EXTERNAL DISTANCE	E
[Symbol]	POINT OF INTERSECTION	P. I.
[Symbol]	POINT OF CURVE	P. C.
[Symbol]	POINT OF TANGENT	P. T.
[Symbol]	POINT ON TANGENT	P. O. T.

SCALES

TITLE	1" = 2000'
TYPICAL	1" = 2'
PLAN	1" = 20'
PROFILE	1" = 10'
CROSS-SECTIONS	1" = 5'

PROJECT ALBURG, VT 78, 81 over Mud Creek
 DISTRICT ENGINEER
 STATE 219-N
 TYPE 2 1/2" CRUSHED STONE MIXED-IN-PLACE SURFACE COURSE WITH CUT BACK ASPHALT & PRIME COAT OF REFINED TAR-ITEM 27, 31 & 30.
 CONTRACTOR HENDRICKSON BROS.
 LOCATION Swanton, Alburg, Vt. Beyond op. of 1936
 West end of the Missisquoi Bay project and extend westward to the intersection with U.S. 2.

These plans are subject to such revisions 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 1934, as approved Dec. 23, 1934 by the Bureau of Public Roads, including all subsequent approved revisions and such revised specifications and special provisions as are submitted with the plans.



PI 29+57.3
24+81.4

S.V. HONSINGER

File # 8

File # 9

A.S. HILKER

Δ 143° 54'
D 47° 05'
R 121.7
T 273.6
L 300.6
E 271.0

MEADOW

MEADOW
JOHN HAZEN

CANADIAN NATIONAL RAILWAY

RR ROW FN

RR ROW

TO ALBURN

TO SWANTON

TO ALBURO SPRINGS

TO CANADA

TO ALBURO SPRINGS

TO SWANTON

TO ALBURO SPRINGS

TO SWANTON

TO ALBURO SPRINGS

TO SWANTON

TO ALBURO SPRINGS

TO SWANTON

TO ALBURO SPRINGS

TO SWANTON

TO ALBURO SPRINGS

4A

3

LIMITS OF PROPOSED NEW HIGHWAY

RIGHT OF WAY

File # 9

File # 9

File # 9

File # 9

File # 9

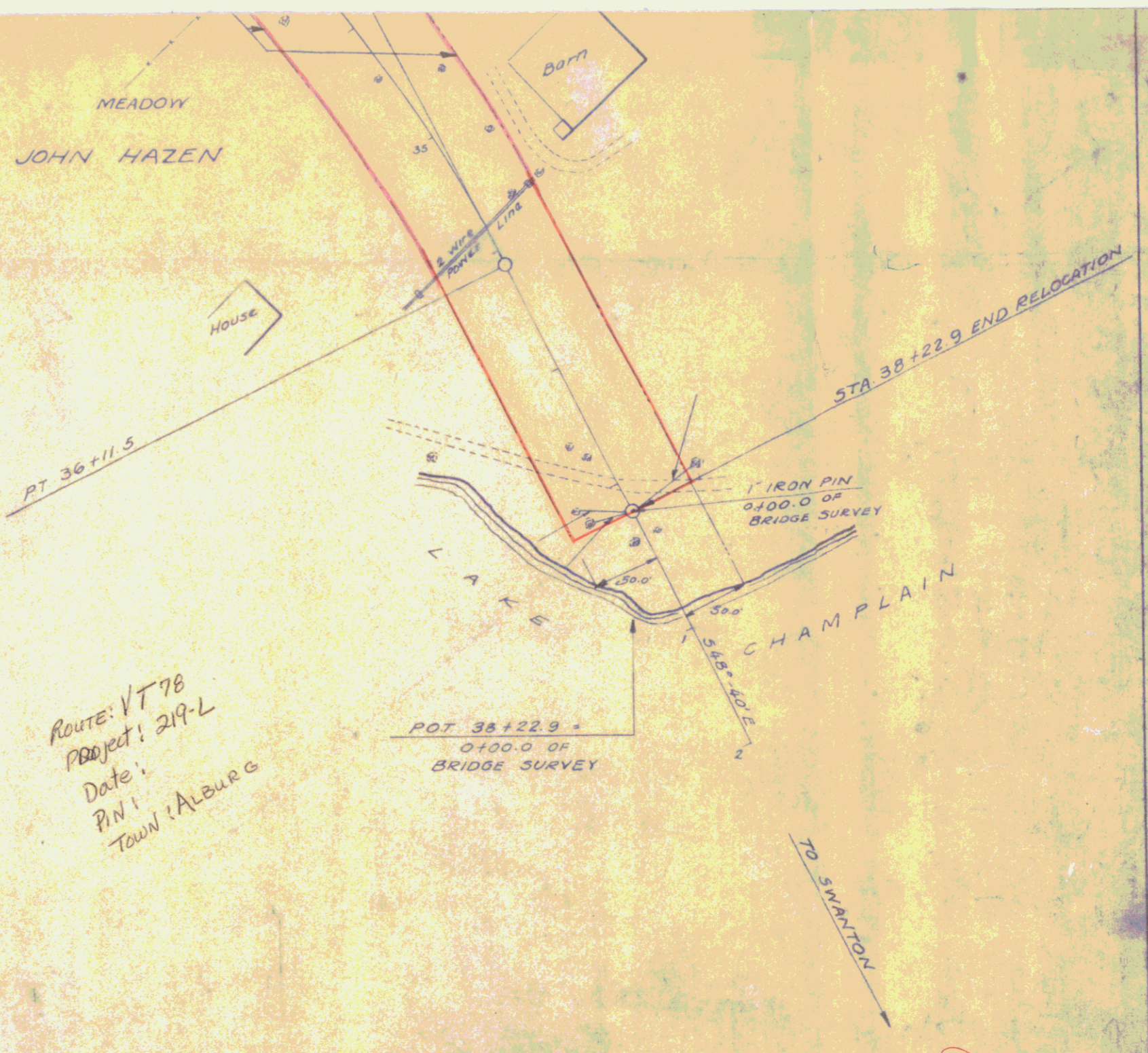
File # 9

File # 9

File # 9

File # 9

Δ 89°-11' RT.
D 3°
R 1146.3
T 1130.1
L 1783.7
E 463.2



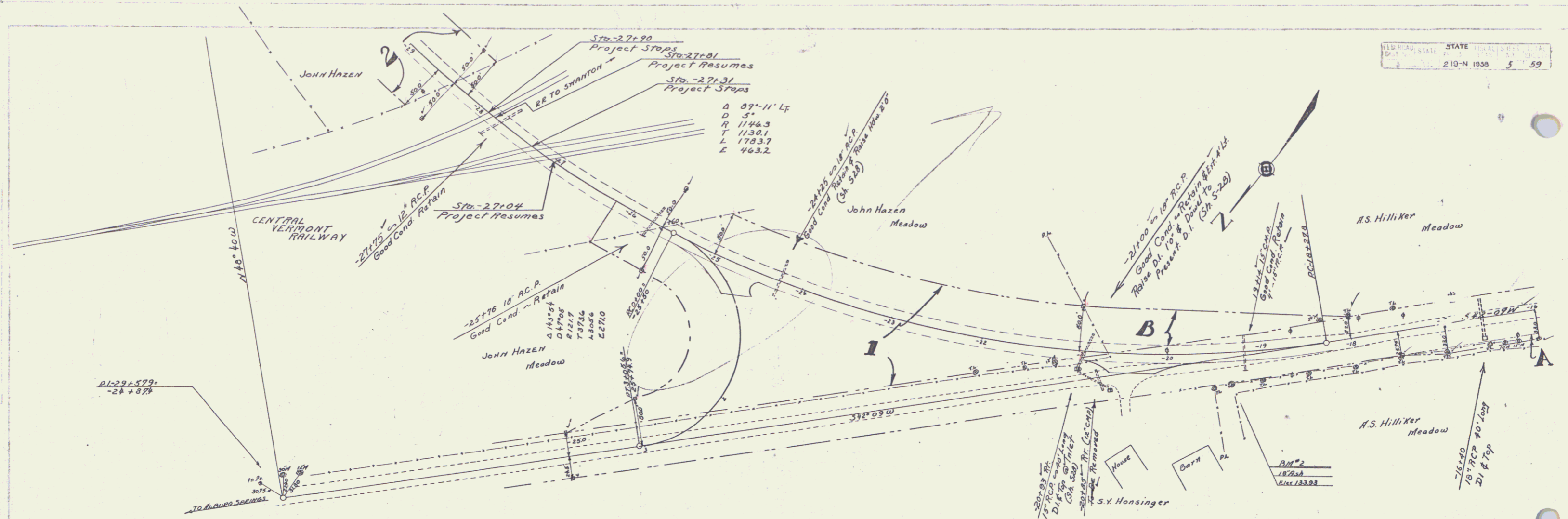
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
ALBURG - SWANTON ROAD
PROJECT NO. 219-L
SKETCH MAP SHOWING RELOCATION OF
ROUTE NO. 104 IN TOWN OF ALBURG
SCALE 1 IN. = 100 FT.

Route: VT 78
Project: 219-L
Date:
PIN:
Town: Alburg

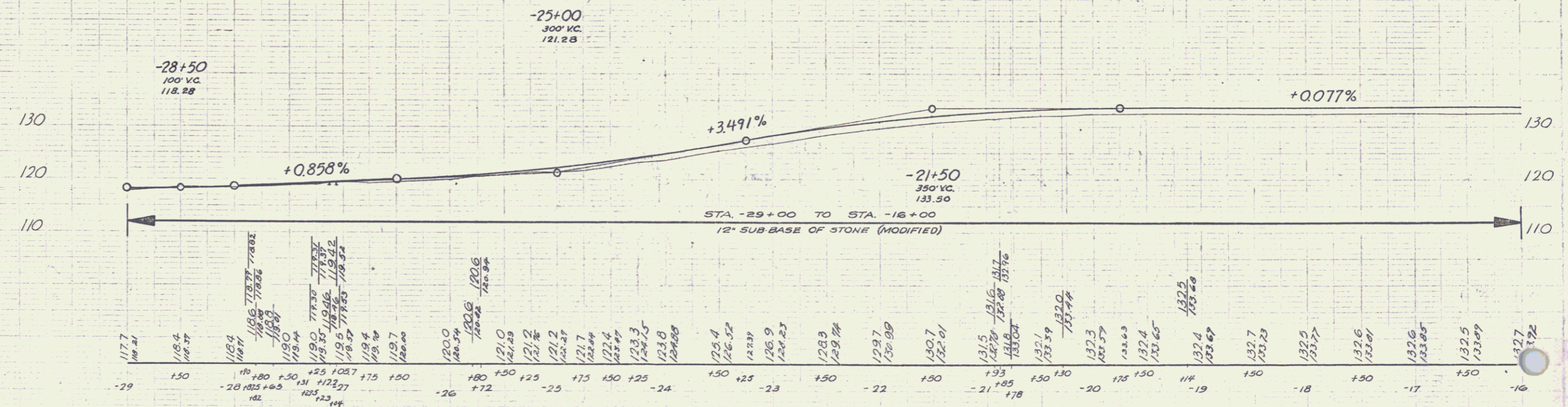
4B

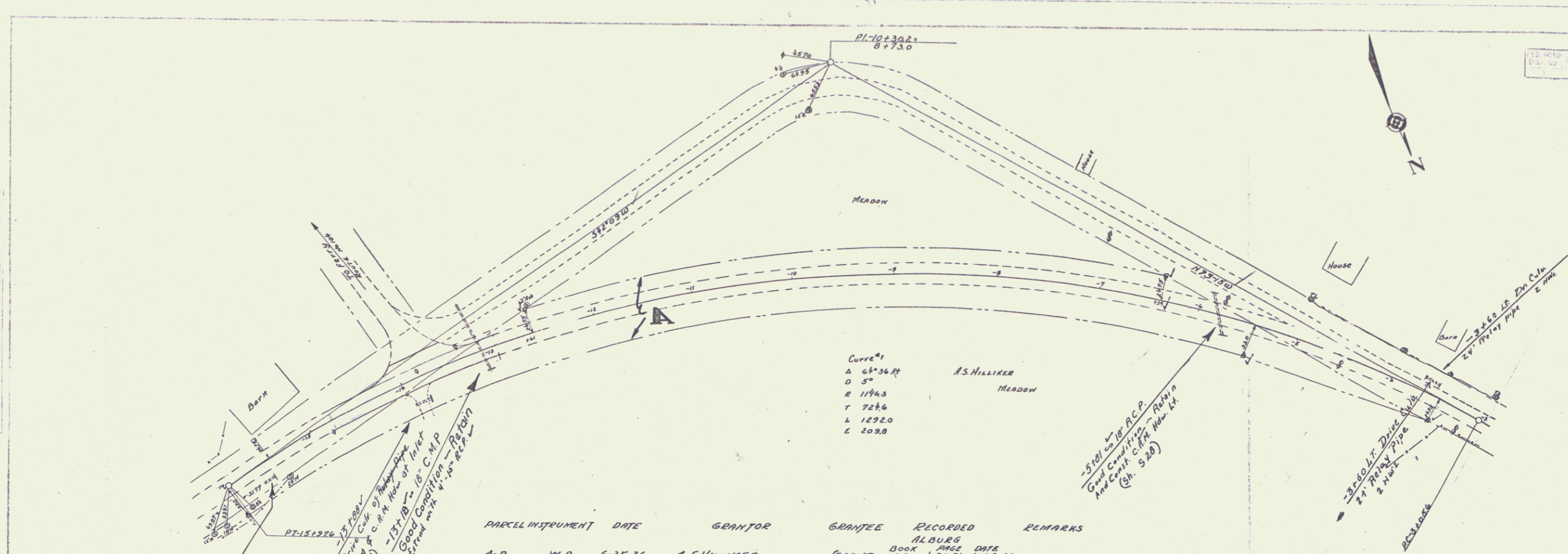
4

11/21

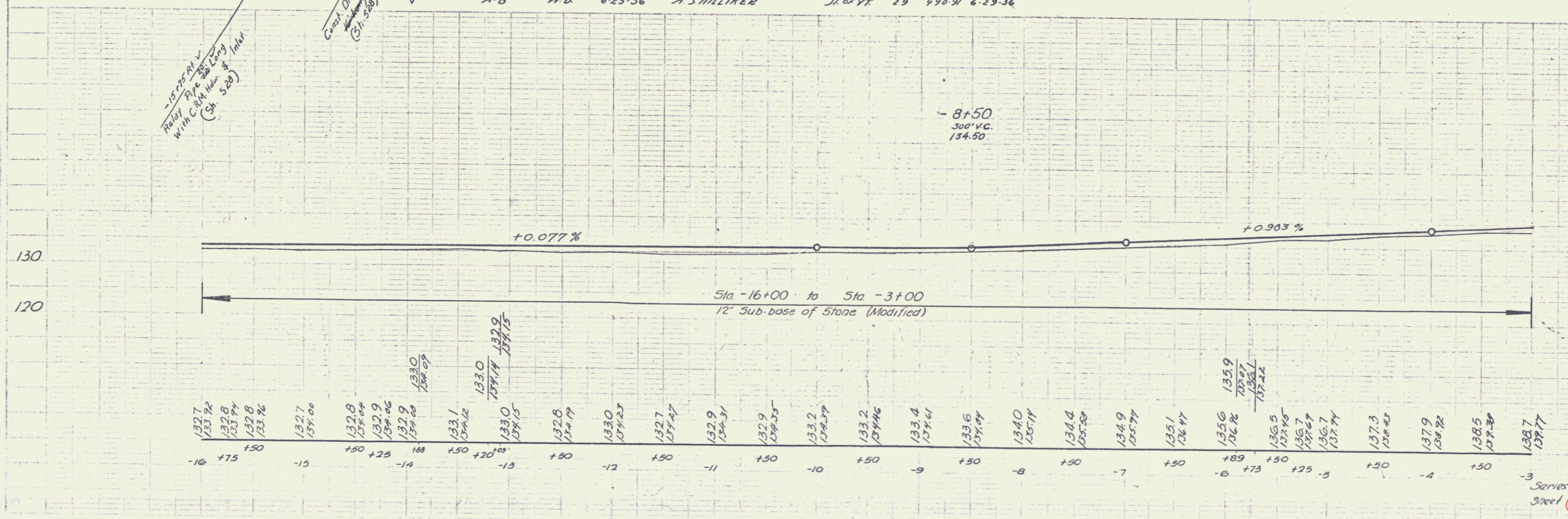


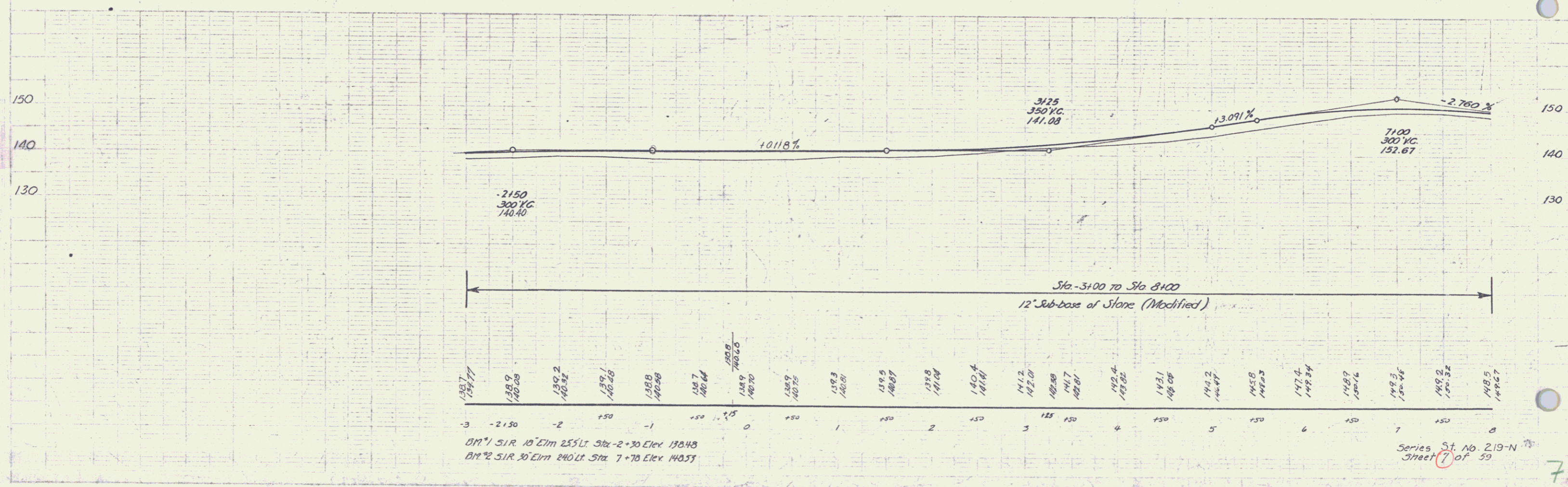
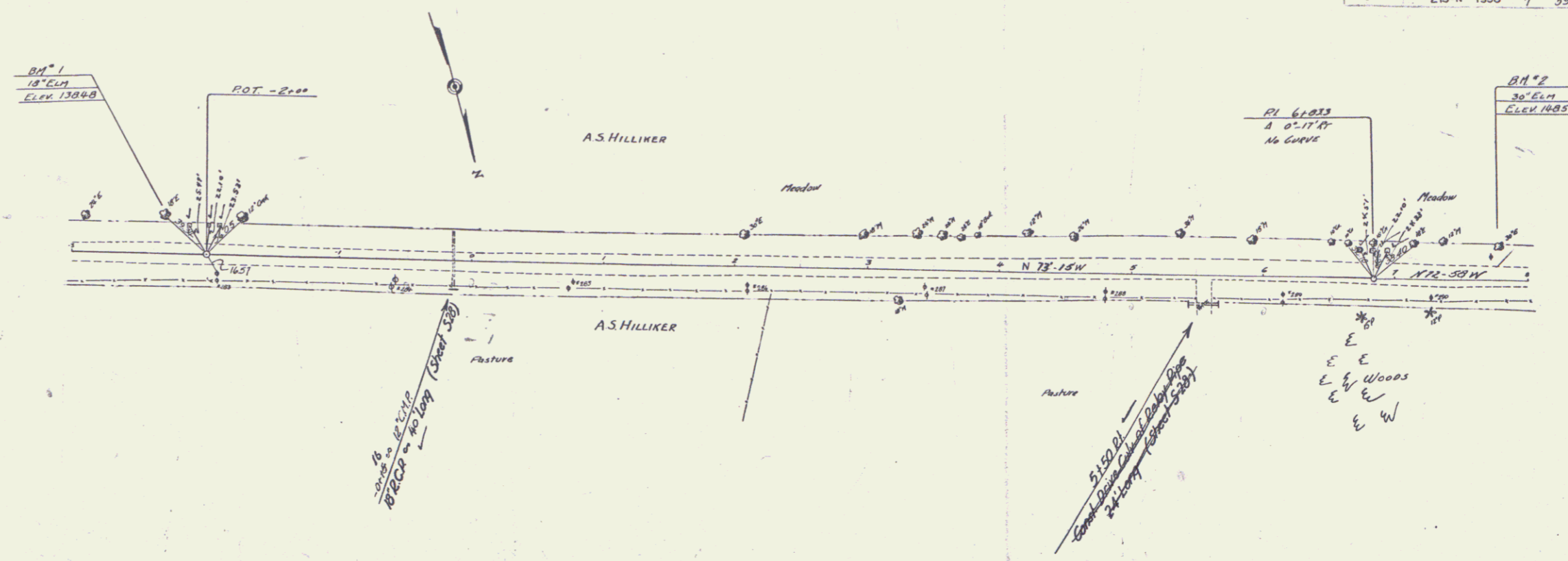
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
1-2	W.D.	4-29-36	JOHN HAZEN	ST. OF VT.	BOOK 29 PAGE 77	5-6-36
A-B	W.D.	6-25-36	A.S. HILLIKER	"	29 790-91	6-29-36

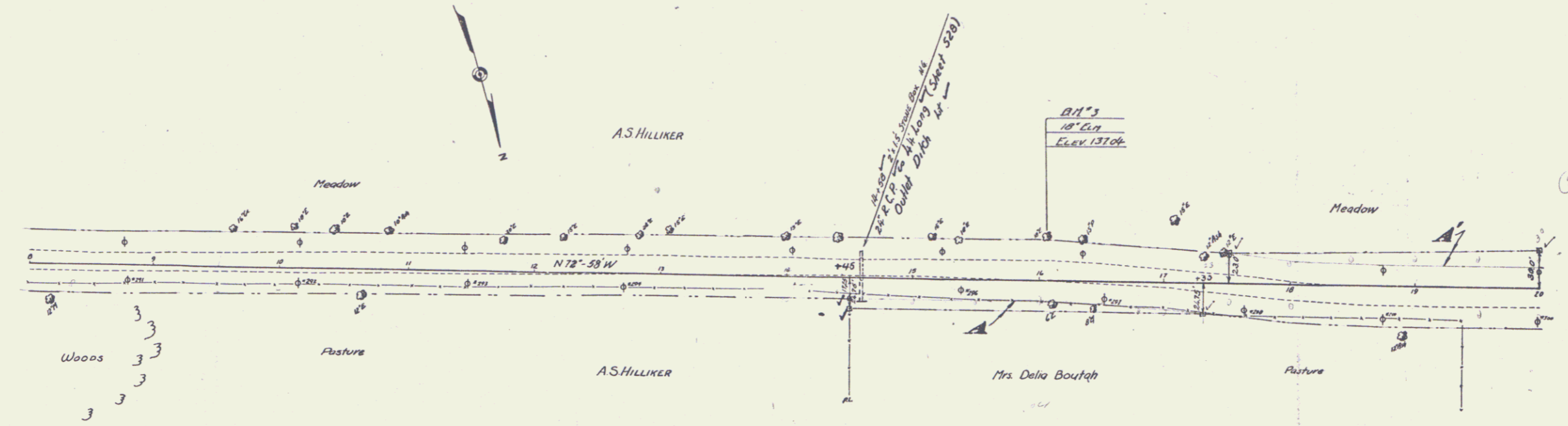




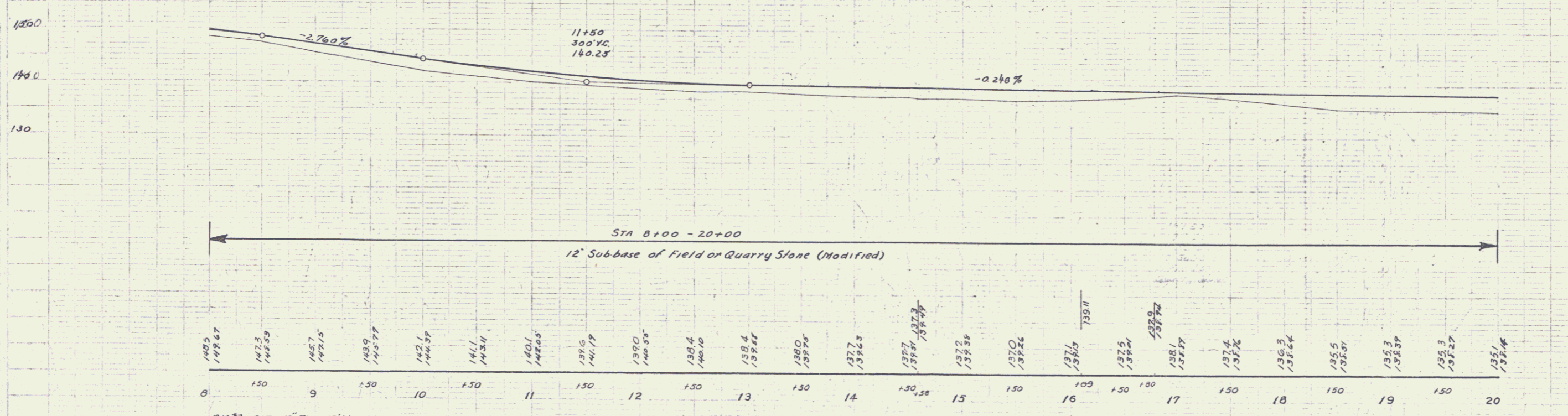
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	W.D.	6-25-36	A. S. HILLIKER	SR. OF VT.	ALBANY BOOK PAGE DATE 29 490-31 6-29-36	



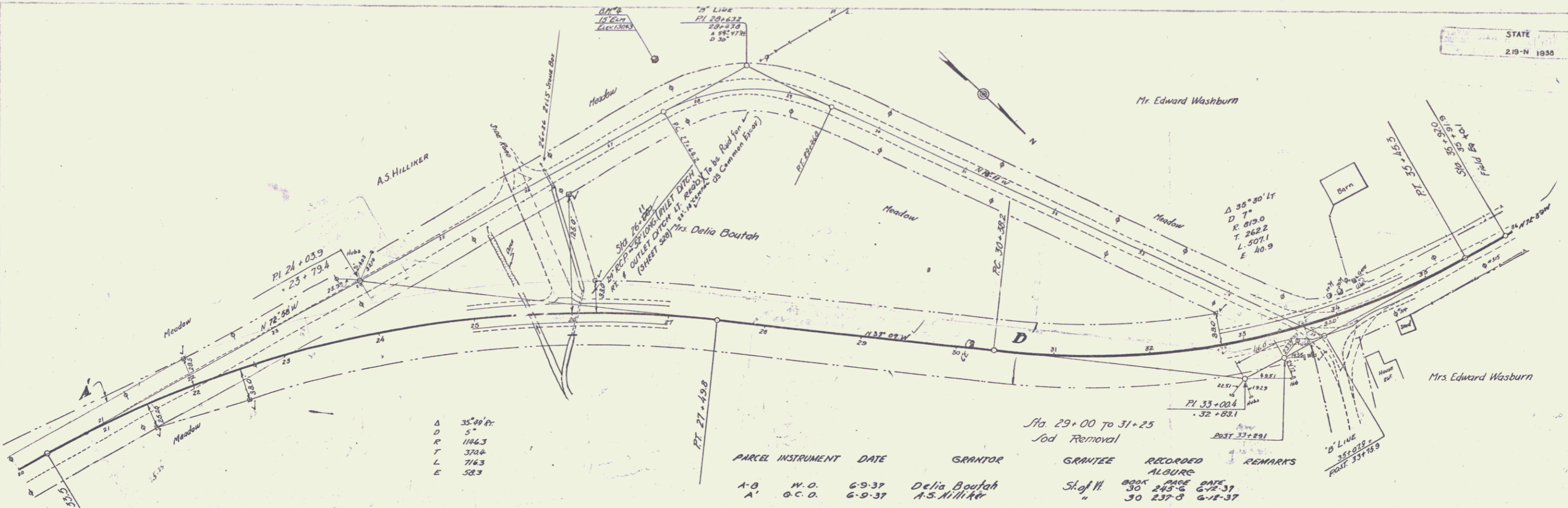




PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ALBURN	REMARKS
A-B	W.D.	6-9-37	Delia Boutah	St. of H.	BOOK 30 PAGE 243-6	6-12-37
A'	G.C.D.	6-9-37	A.S. Hilliker	"	BOOK 30 PAGE 237-8	6-12-37

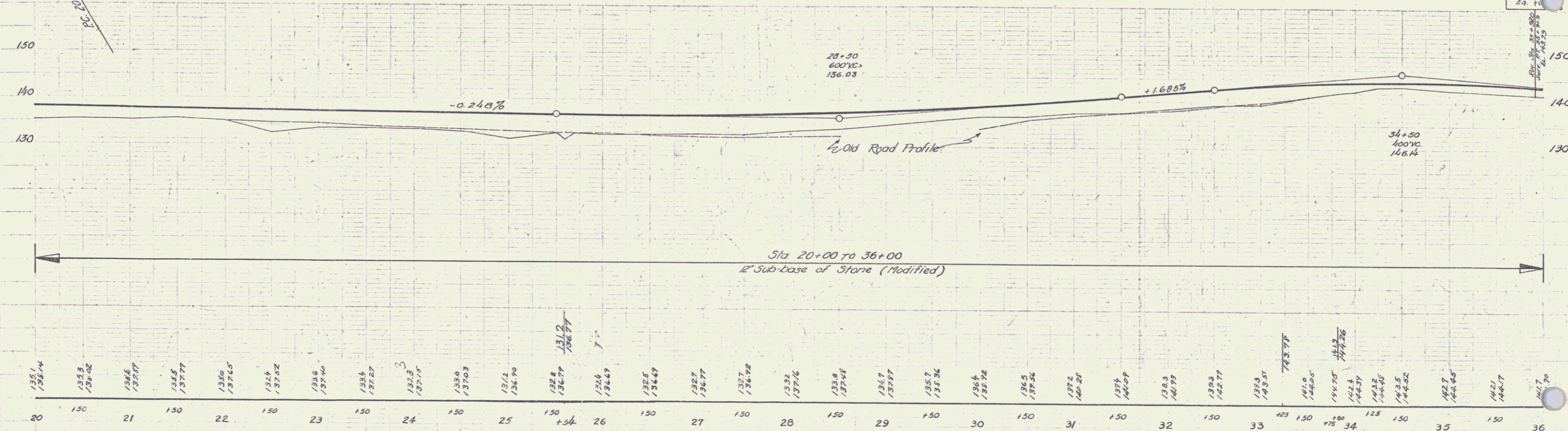


B.M. 3 51R 18' Elm 32' Lt Sta 16+06 Elev 13704

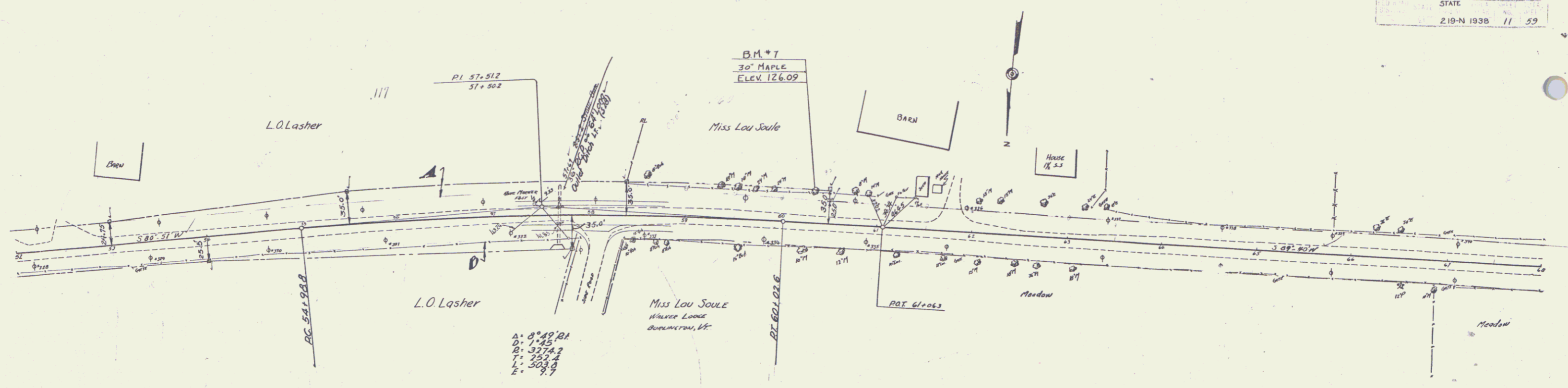


Δ 35°49'47"
D 5'
R 1146.3
T 372.4
L 714.3
E 58.3

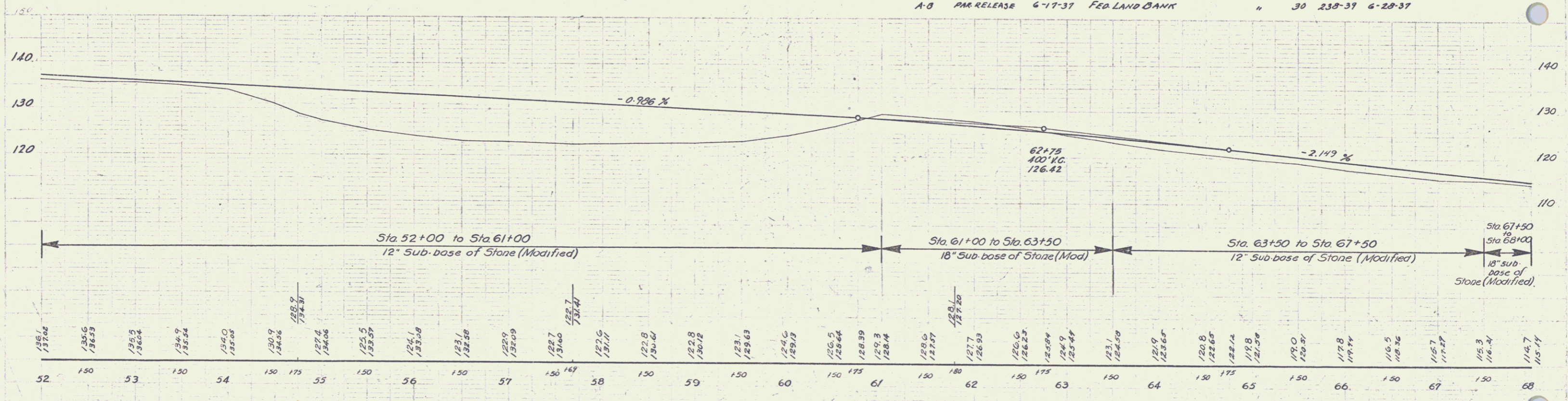
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	ALGORE	DATE	REMARKS
A-B	N.O.	6-9-37	Delia Boutah	Shel W.	30	245-6	6-12-37	
A'	O.C.O.	6-9-37	A.S. Hillier	"	30	237-8	6-12-37	



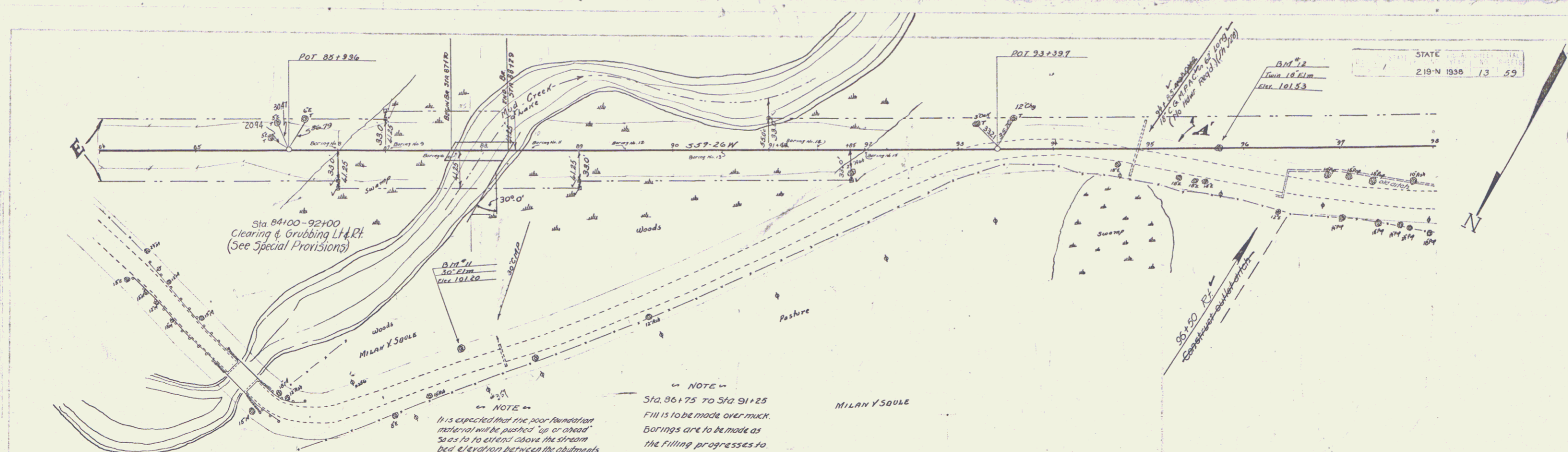
BM #4 S1R 15' Elm 49' Lt Sta 27 + 01 B Line Elev 130.43



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	A.C.D.	6-24-37	L.O. Lasher	St. of Vt.	BOOK 30 PAGE 240-1	6-28-37 CUL STA.
A-B-C-D-E	A.C.D.	7-21-37	L.L. SOULÉ Estate	"	30 242-3-4	7-27-37 50+72
A-B	PAR RELEASE	6-17-37	FED LAND BANK	"	30 238-39	6-28-37



B.M. #7 S1.R. 30' Maple 315' Lt Sta. 60+34.7 Elev. 126.09



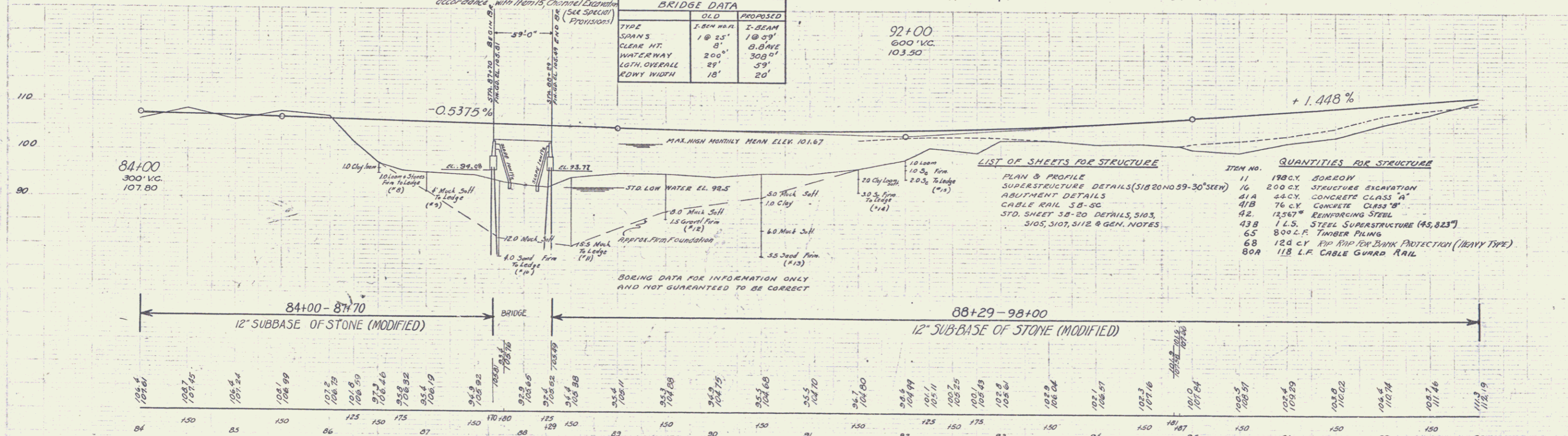
NOTE:
 FILL SHALL BE COMPLETED TO SUBGRADE FOR AT LEAST 300 FEET EACH WAY FROM ENDS OF BRIDGE AND RIP RAP SHALL BE COMPLETED TO ELEVATION OF BOTTOM OF FOOTING BEFORE BEGINNING BRIDGE CONSTRUCTION. THEN EXCAVATE TO BOTTOM OF FOOTING ELEVATION AND DRIVE PILES.

NOTE:
 It is expected that the poor foundation material will be pushed "up or ahead" 300' to 400' above the stream bed elevation between the abutments of the new bridge, Sta. 87+99.50 to the stream bed elevation or downstream from the bridge. This material shall be removed upon completion of the marking of the embankments, Sta. 86+150 to Sta. 91+50, to the original stream bed elevation. This work shall be carried out in accordance with Items, Channel Excavation (See Special Provisions).

NOTE:
 Sta. 86+75 to Sta. 91+25 Fill is to be made over muck. Borings are to be made as the filling progresses to determine if full settlement has been obtained. If complete settlement has not been obtained, blasting is to be employed (See Special Provisions).

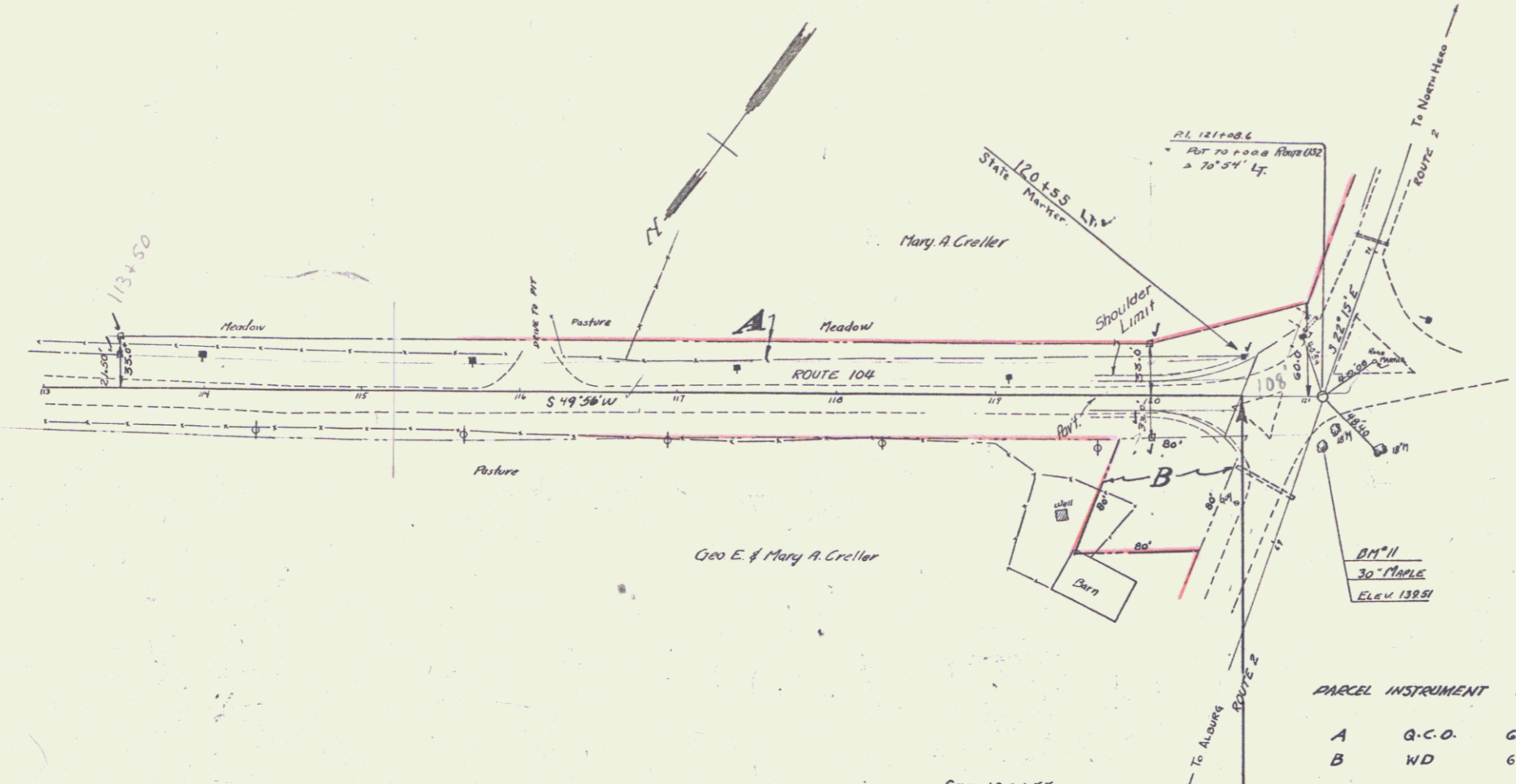
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ALBORG	REMARKS
A-B-C-D-E	O.C.D.	7-21-37	L.L. Soule Estate	Sta. of W.	30	242.54 7-27-37 90+72
A'	O.C.D.	8-20-37	Milan & Lillian Soule	"	30	289.30 8-25-37 97+15, 103+33
A''	MAP RELEASE	8-14-37	FEDLAND BANK	"	30	127.8 8-20-37

BRIDGE DATA	
TYPE	PROPOSED
3-SPAN	I-BEAM
CLEAR HT.	1 @ 25'
WATERWAY	1 @ 29'
LGTH. OVERALL	200'
RDWY WIDTH	39'
	20'



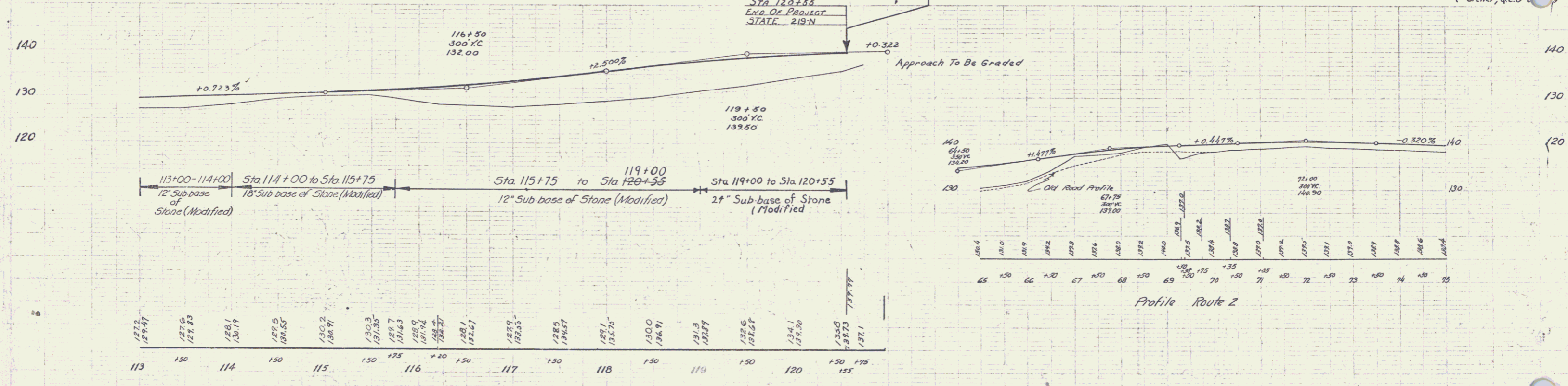
ITEM NO.	QUANTITIES FOR STRUCTURE
11	180 C.Y. SOREDOY
16	200 C.Y. STRUCTURE EXCAVATION
41A	24 C.Y. CONCRETE CLASS "A"
41B	76 C.Y. CONCRETE CLASS "B"
42	12587 LBS. REINFORCING STEEL
43B	1 L.S. STEEL SUPERSTRUCTURE (45,823')
65	800 L.F. TIMBER PILING
68	120 C.Y. RIP RAP FOR BANK PROTECTION (HEAVY TYPE)
80A	118 L.F. CABLE GUARD RAIL

BM # 11 S.I.R. 30' ELM 2040' RT STA 87+10 ELEV 101.20
 BM # 12 S.I.R. 18' ELM STA 95+75 ELEV 101.53



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ALBURS	REMARKS
A	G.C.O.	6-9-37	MARY A. CRELLER	STOFFY	BOOK 30 PAGE 27-3	6-2-37
B	WD	6-24-41	MISSISSOQUI BAY BRIDGE COM'N ST. OF VT.		32 67	6-27-41

Purchased by Bridge Com'n from Mary A. Creller, Q.C.D.



BM # 11 Spike In Roof 30' Maple 30.0' Rt. Sta. 121+00 Elev. 139.51

Series St. No. 219-N
Sheet 15 of 59 Sheets