

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
2-24	TYPICAL CROSS-SECTION OF IMPROVEMENT
3	BANKING AND WIDENING TABLES
3-A	Detail Sheet, Direction of Haul
4-25	Plan and Profile, STA.
24	Std. Structure Sheet, S-28, Pipe Culverts
27	" " " " S.C. 2-4, Box Culverts, Expansion Joint Details
26	" " " " S.C.W. 2-3, " " Inlets & Outlets
27	" " " " S.C.W. 4, " " " " " "
30	Detail Sheet Of 5'x5' Conc. Box.
31	Std. Structure Sheet S-30, Guard Rail, C.R.M. Wall
32	" " " " S-30A, RA & Boundary Markers
33	" " " " S-40, Barricade Signs, FLights
34	" " " " S-41, Rounding of Slopes
35-114	Cross Section Sheets

STANDARD STRUCTURE SHEETS
 APPROVED BY THE CHIEF ENGINEER
 5-28 JULY 11, 1933
 5-30 AUG. 13, 1933

(To be Returned to R.O.W. Division)

RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL

STATE OF VERMONT
 STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
 STATE HIGHWAY

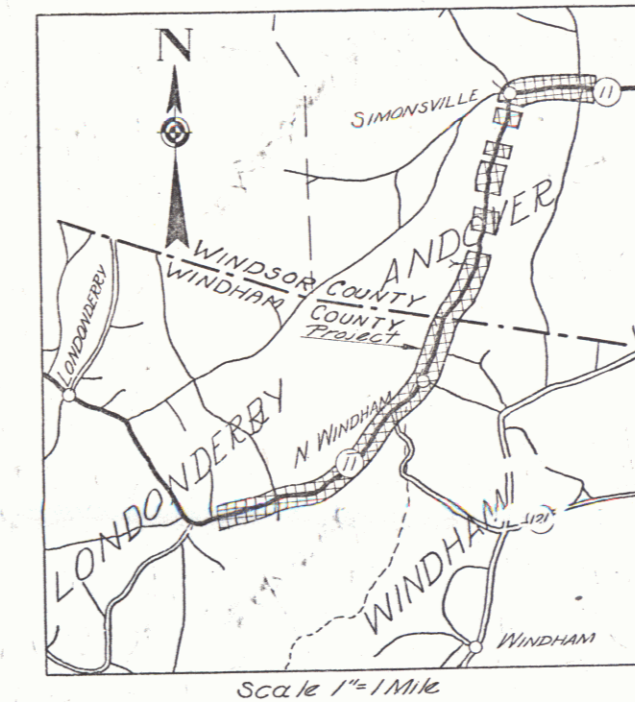
FEDERAL AID PROJECT

TOWNS OF ANDOVER-WINDHAM-LONDONDERRY

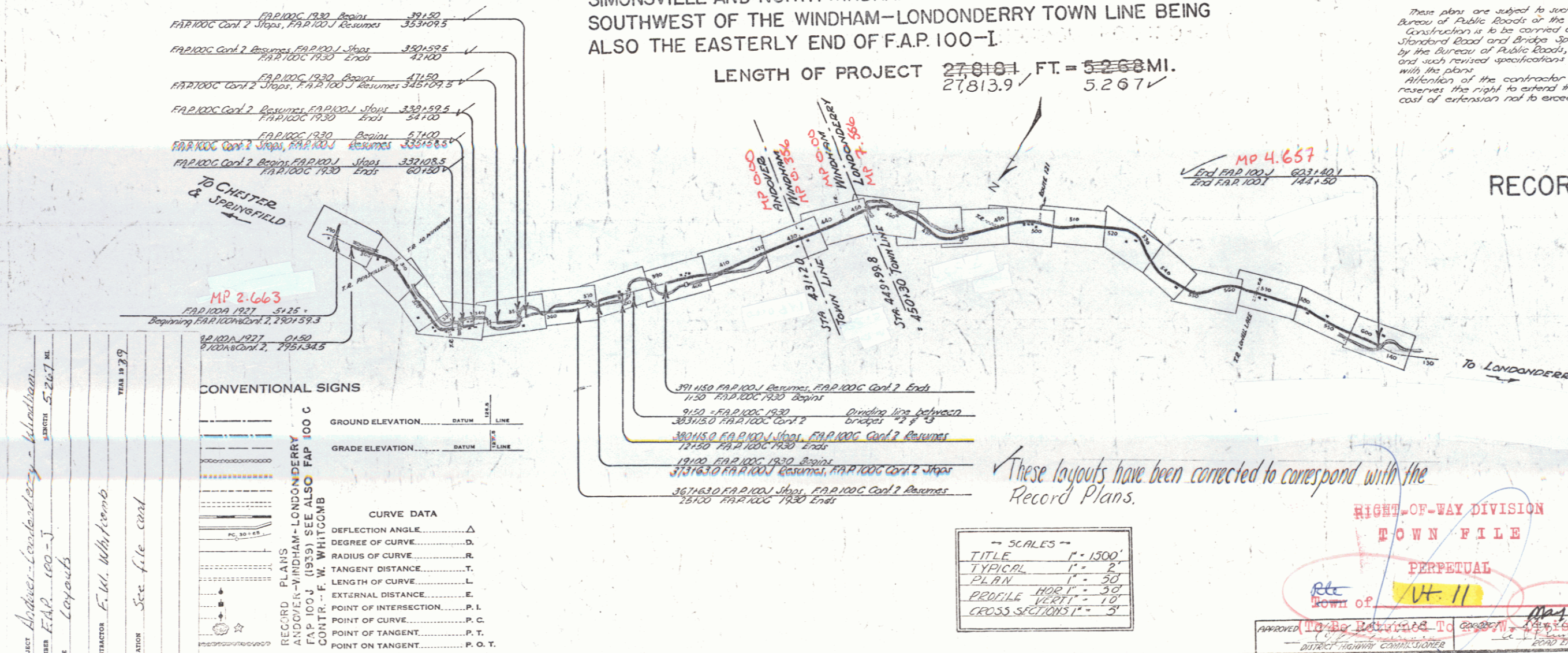
CHESTER-MANCHESTER ROAD Pin# 99R 872

BEGINNING AT A POINT 475.0 FT. WESTERLY FROM THE FIRST
 BRIDGE OVER THE MIDDLE BRANCH OF THE WILLIAMS RIVER, EAST
 OF SIMONSVILLE: AND RUNNING SOUTHWESTERLY BY THE WAY OF
 SIMONSVILLE AND NORTH WINDHAM 5.826 MI. TO A POINT 2.899 MI.
 SOUTHWEST OF THE WINDHAM-LONDONDERRY TOWN LINE BEING
 ALSO THE EASTERLY END OF F.A.P. 100-1

LENGTH OF PROJECT 27,813.9 FT. = 5.268 MI.
 27,813.9 5.267



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 1936 as approved Dec. 29, 1936
 by the Bureau of Public Roads, including all subsequent approved revisions
 and such revised specifications and special provisions as are submitted
 with the plans.
 Attention of the contractor is called to the fact the State Highway Board
 reserves the right to extend this project of the same contract prices. Said
 cost of extension not to exceed 25% of the amount of the contract.



CONVENTIONAL SIGNS

	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.

RECORD PLANS
 ANDOVER-WINDHAM-LONDONDERRY
 F.A.P. 100-1 (1933) SEE ALSO F.A.P. 100 C
 CONTR. - F. W. WHITCOMB

SCALES

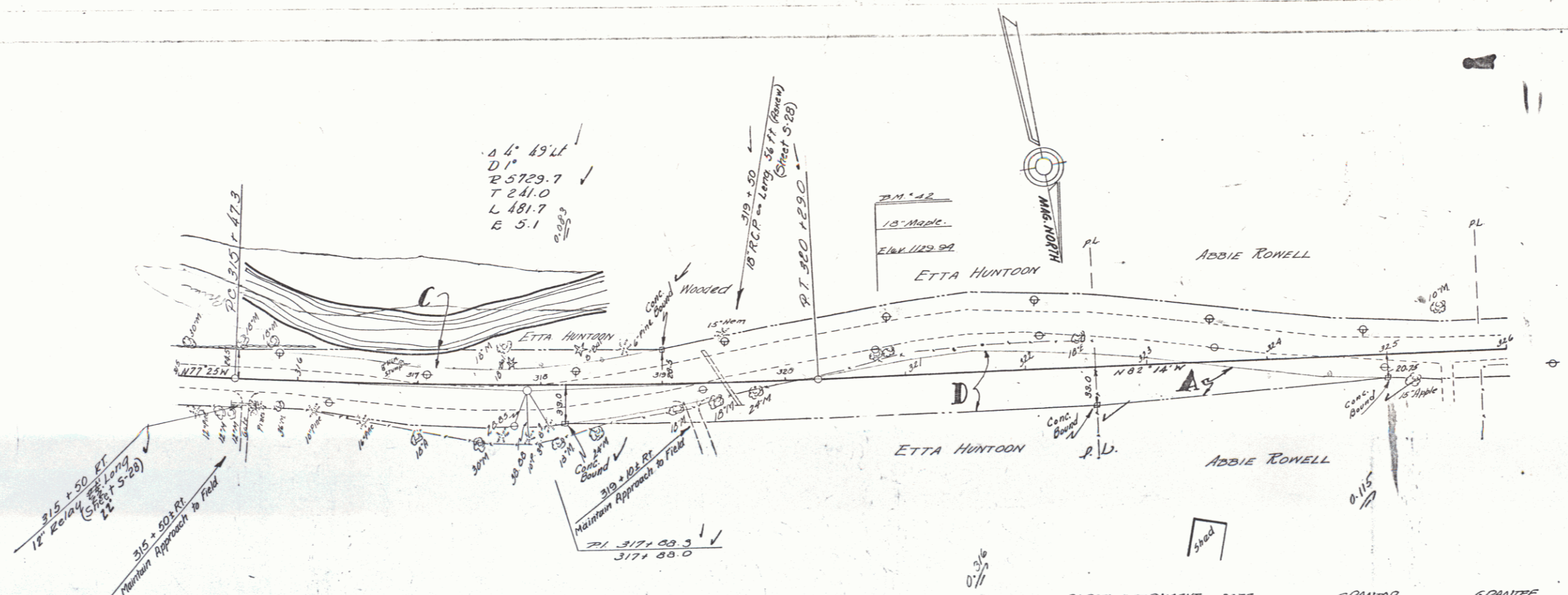
TITLE	1" = 1500'
TYPICAL	1" = 5'
PLAN	1" = 50'
PROFILE	HOR. 1" = 30'
CROSS SECTIONS	1" = 5'

RECORD PLANS

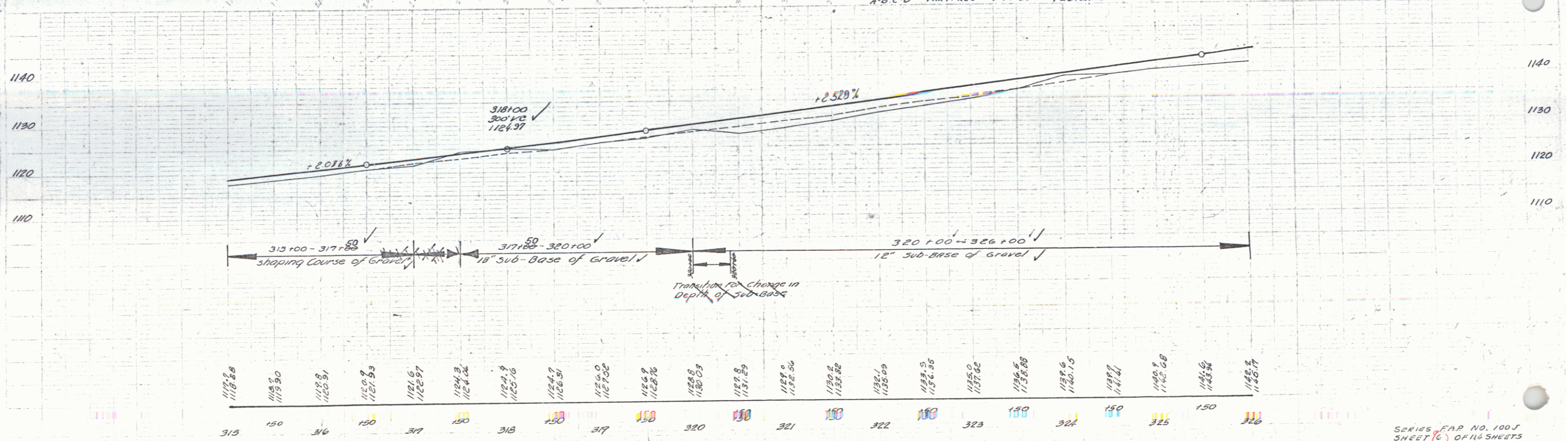
APPROVED: JUNE 1, 1938
 H.E. [Signature]
 COMMISSIONER OF HIGHWAYS
 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RECOMMENDED
 DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 CHIEF ENGINEER BUREAU OF PUBLIC ROADS

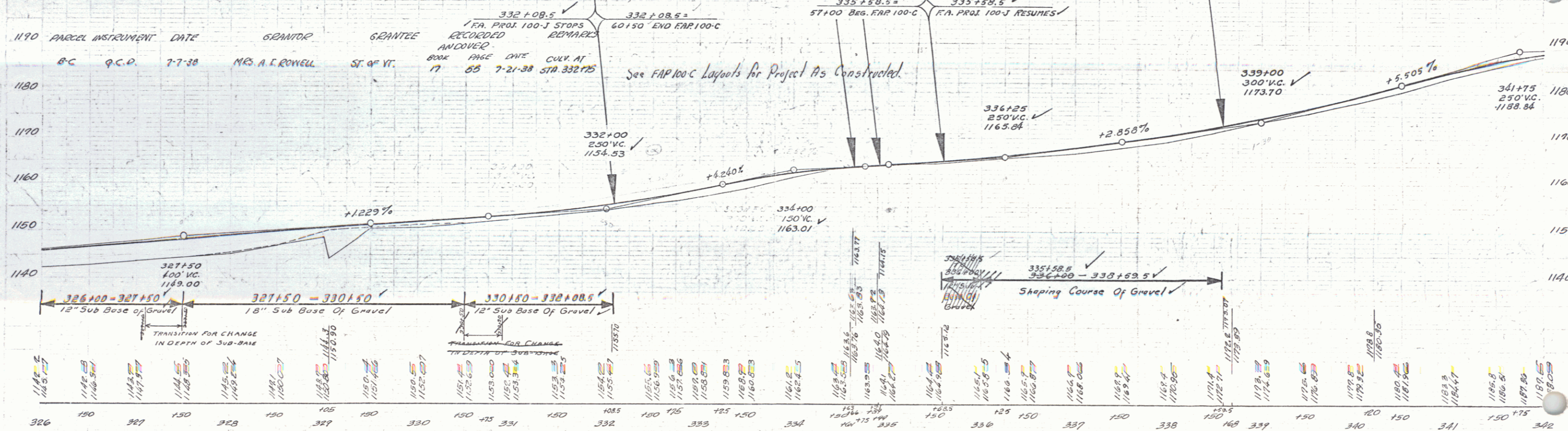
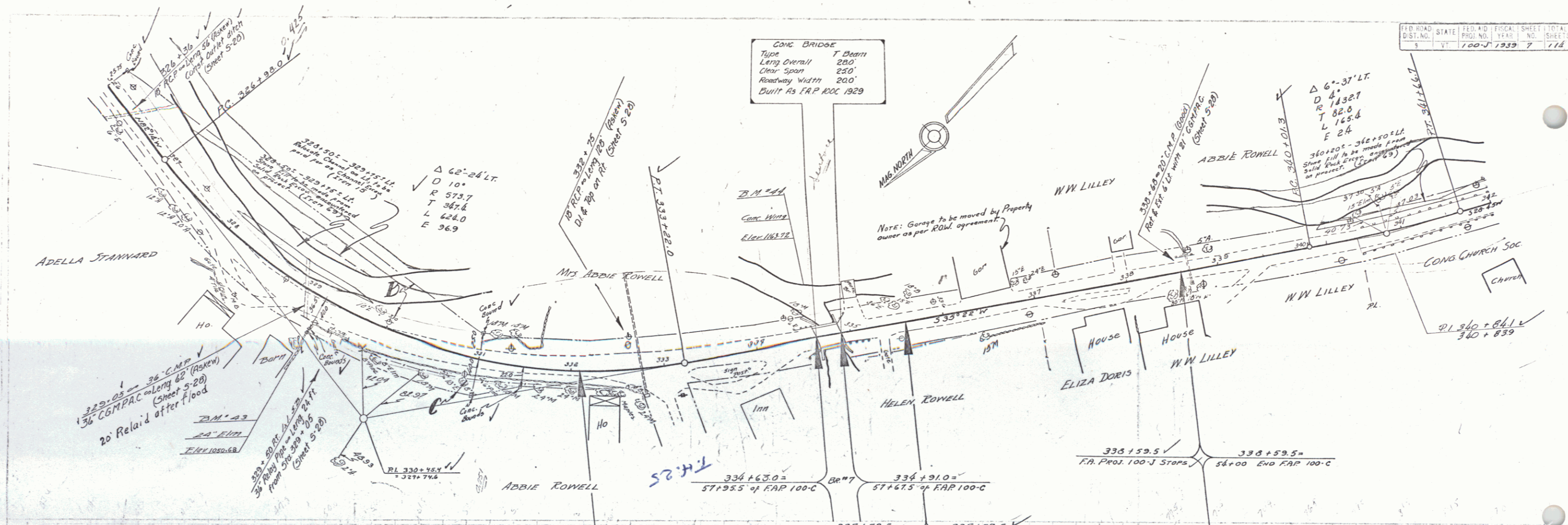
RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of [Signature]
 APPROVED [Signature] May 26, 38
 DISTRICT ENGINEER
 Project No. [Blank]
 SERIES F.A.P. NO. 100-1 FILED
 SHEET 1 OF 11.4



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED AND INDEXED	REMARKS
A	Q.C.D.	7-7-38	MES. A. I. ROWELL	ST. OF VT	BOOK PAGE DATE 17 59 7-21-38	
C-D	Q.C.D.	7-28-38	ETTA M. HUNTOON	"	17 59 8-18-38	CULV. AT STA. 319+50
A-B-C-U	PART. REL.	7-14-38	FED. LAND. BK.	ETTA M. HUNTOON	17 60 8-18-38	

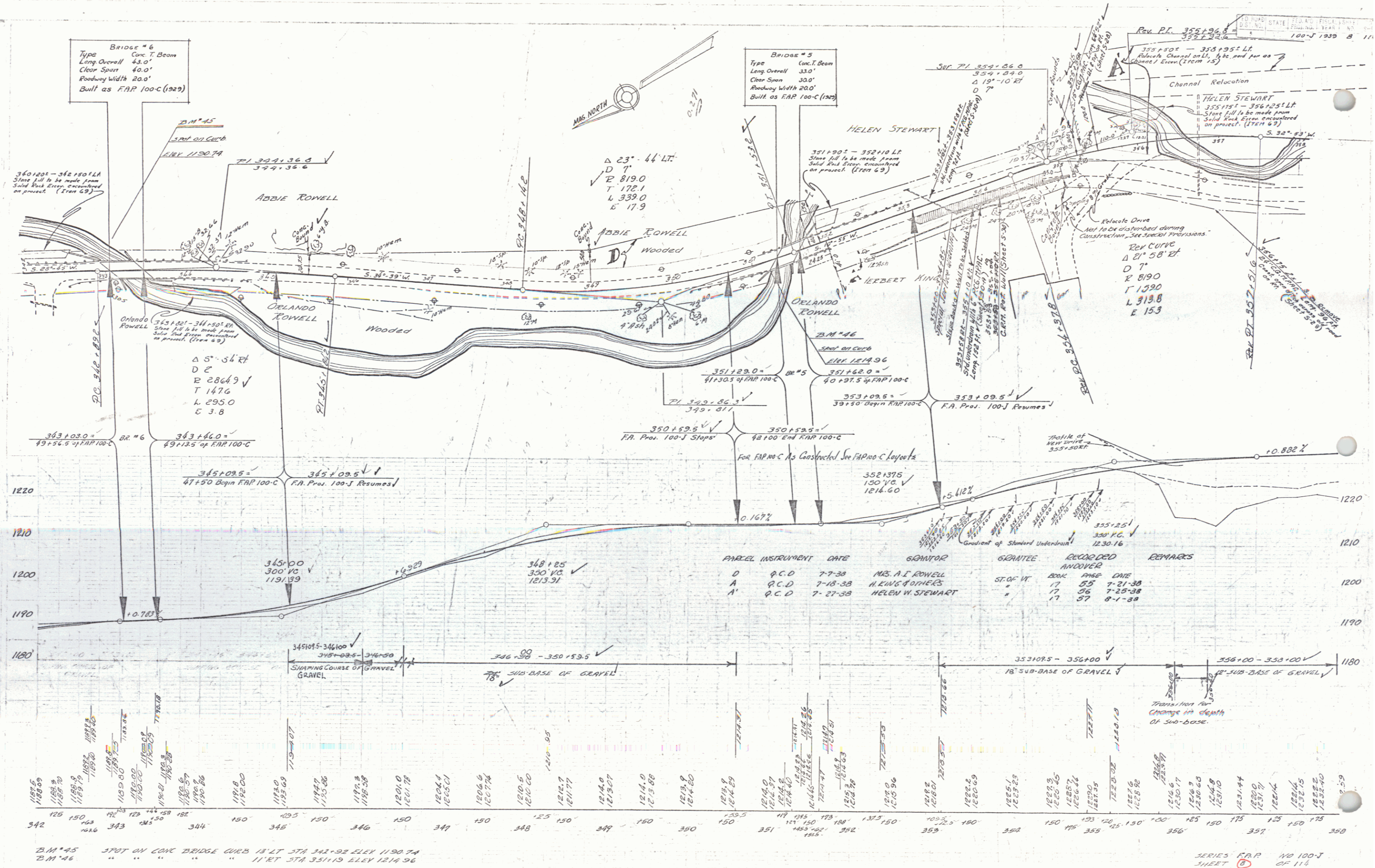


B.M. 42 SPIKE IN ROOT OF 10' MAPLE 1/4" T 320+25 ELEV 1129.94



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED AND COVER	REMARKS
B.C.	Q.C.D.	7-7-38	MRS. A. E. ROWELL	ST. OF VT.	BOOK 17 PAGE 65	7-21-38 STA 332+75

See FAP 100-C Layouts for Project As Constructed.
 ZM 43 SPIKE IN ROOT OF 24" ELM 53' RT. STA 329+23 ELEV 1030.63
 ZM 44 SHT CONC BRIDGE WING 13' LT. " 334+64 " 1163.72



Z.M. #45 SPOT ON CONC BRIDGE CURB 13' LT STA 342+92 ELEV 1190.74
 Z.M. #46 " " " " " " 11' RT STA 351+19 ELEV 1214.96

SERIES F&P NO 100-J
 SHEET 6 OF 114

PARCEL No. 1
 TOWN OF ANDOVER - LESSOR
 PASQUALE AND LORRAINE SANTARELLI
 BEG STA. 20+50 END STA 23+92
 TAKE AREA 0.3 ACRE EASEMENT
 CONSTANT FIELD DRIVE 22+95

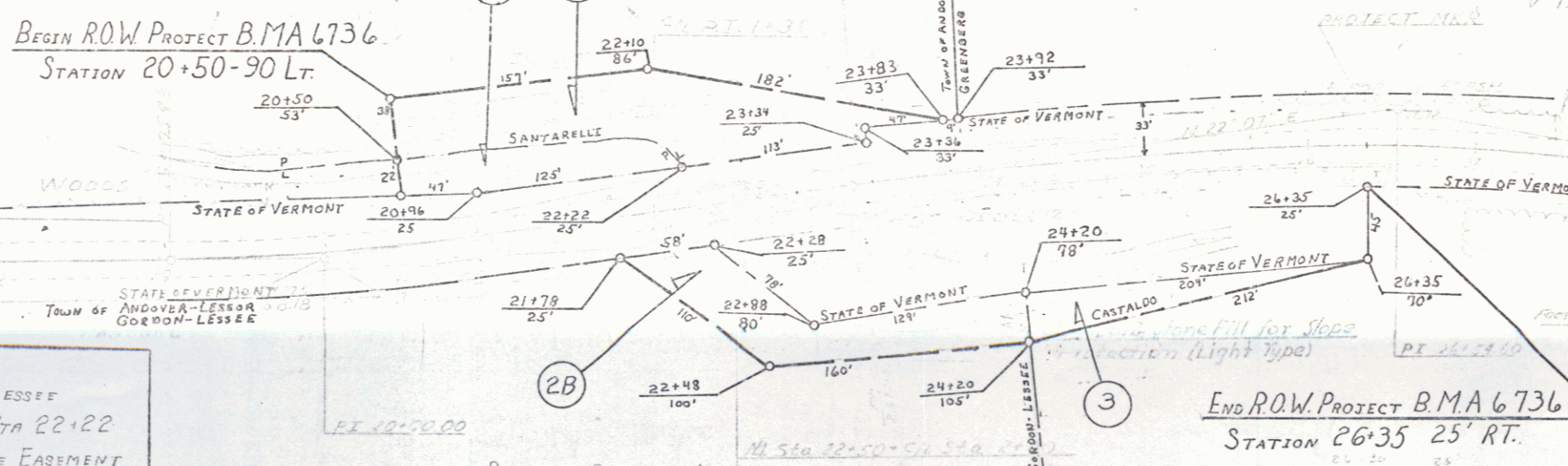
PARCEL No. 3
 LOUIS T CASTALDO
 BEG STA 24+20 END STA 26+35
 TAKE AREA 3.100 SQ FT EASEMENT

BRIDGE MAINTENANCE

TOWN OF ANDOVER
 COUNTY OF WINDSOR
 VT. RTE. 11 BR. NO. 37
 OVER WILLIAMS RIVER

POOR ORIGINAL COPY

PARCEL No. 2A+B
 TOWN OF ANDOVER - LESSOR
 HARRY L. AND JAMES S. GORDON - LESSEE
 PARCEL 2A - BEG STA 20+50 END STA 22+22
 TAKE AREA 0.1 ACRE EASEMENT
 PARCEL No. 2B BEG STA 21+78 END STA 24+20
 TAKE AREA 0.15 ACRE EASEMENT



CURVE DATA
 Δ 7+33'
 D R 2+30'
 T 14+32.40
 L 98.53
 E 188.75
 3.12

PREVIOUS RIGHT OF WAY
 FAP F 100 J (1939)
 BOOK 17 PAGE 57
 BOOK 17 PAGE 56
 BOOK 17 PAGE 54

END ROW PROJECT B.M.A. 6736
 STATION 26+35 25' RT.

CURVE DATA
 Δ 19° 11' R
 D 31'
 R 190795
 T 322.71
 L 639.38
 E 27.07

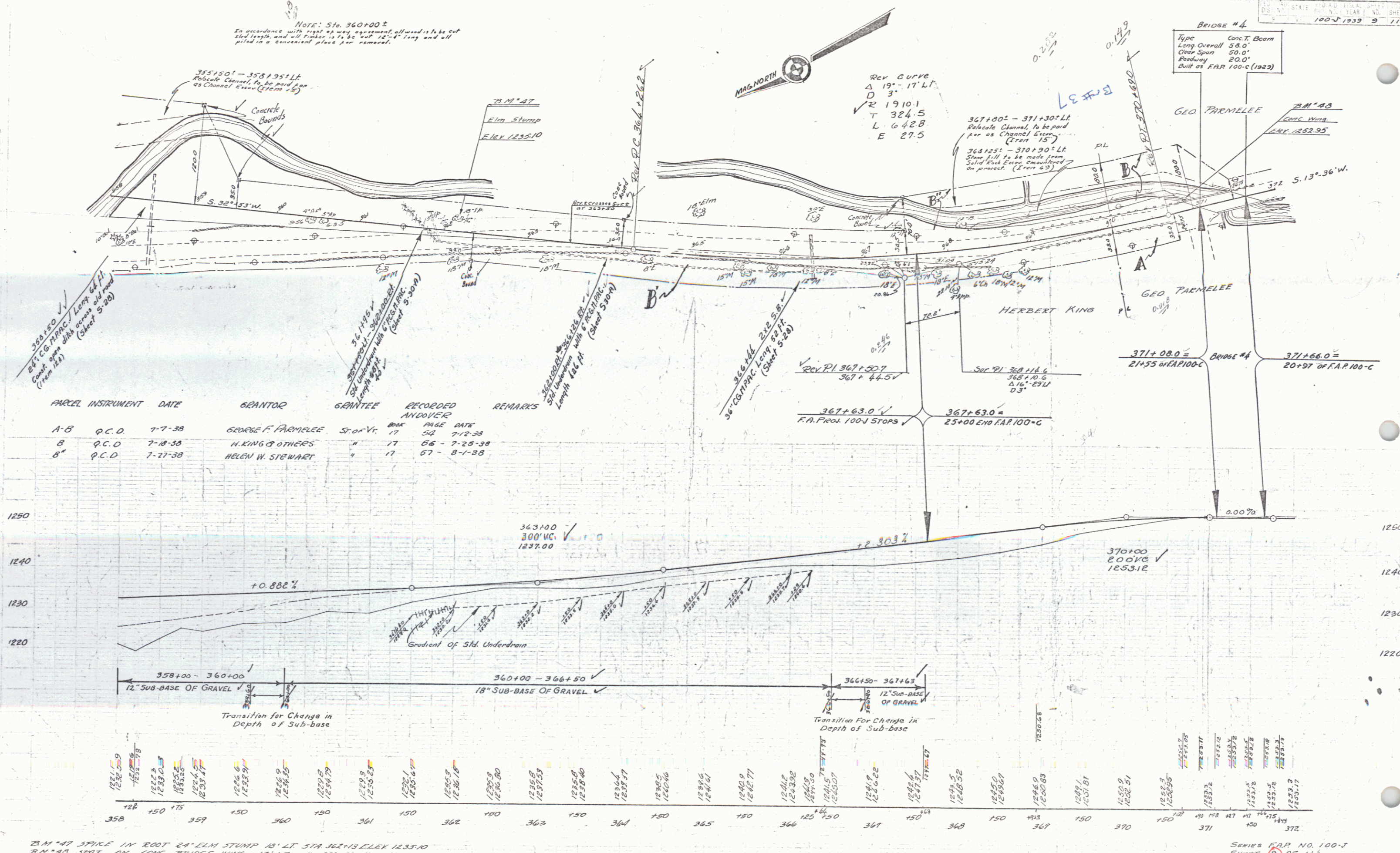
- Typical Section
- List of Sheets
- Plan & Profile (1-20)
 - Plan, Elevation and Detail Details
 - Cut & Wing Details
 - Plan of Existing Structure
 - Reinforcing Steel Schedule
 - Channel Cross Sections (0+50 - 3+00)
 - Roadway Cross Sections (0+00 - 1+00)
 - Standard Drawing 228-06-02 Bridge

8A

U+11

7

NOTE: Sta. 360+00±
In accordance with first of way agreement, allowed is to be cut
500' length and will be made in 48' long 12" x 12" long and all
piled in a convenient place for removal.

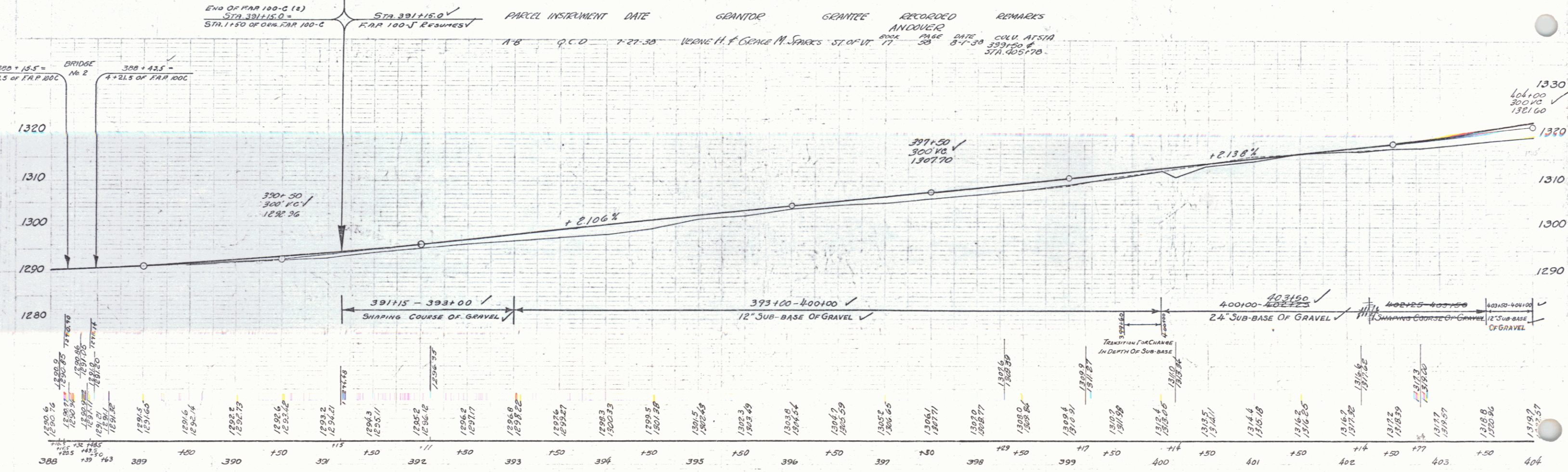
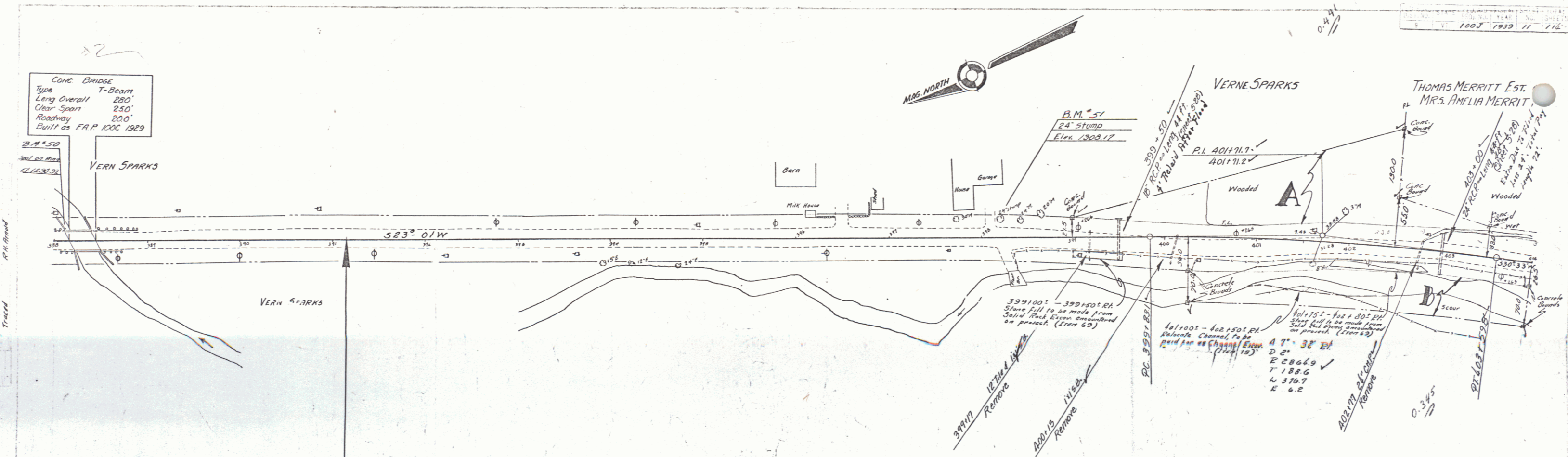


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED AND OVER	REMARKS
A-B	Q.C.D.	7-7-38	GEORGE F. FARMLEE	St. of Vr.	17 54	7-12-38
B	Q.C.D.	7-18-38	H. KING & OTHERS	"	17 66	7-25-38
B'	Q.C.D.	7-27-38	HELEN W. STEWART	"	17 67	8-1-38

23 M 47 SPIKE IN ROOT 24' ELM STUMP 18' LT STA 362+13 ELEV 1235.10
21' 40 SPOT ON CONC BRIDGE WING 13' LT " 370+30 " 1252.95

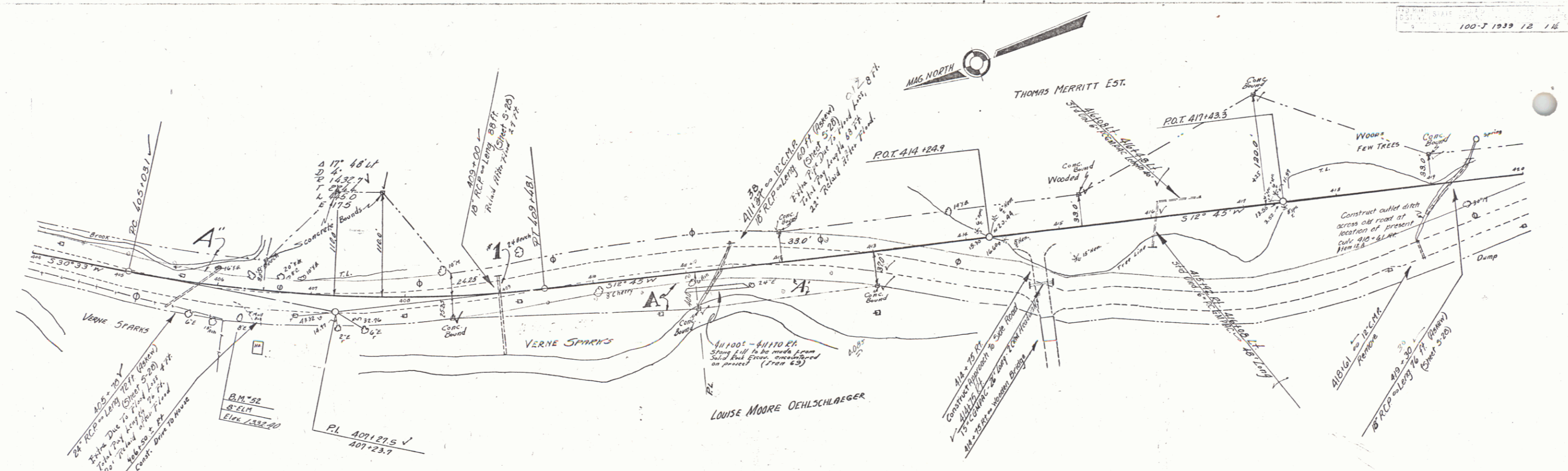
SERIES F.A.R. NO. 100-J
SHEET 116 OF 116

Conc. Bridge
 Type T-Beam
 Long Overall 280'
 Clear Span 250'
 Roadway 220'
 Built as F.A.P. 100-C 1929

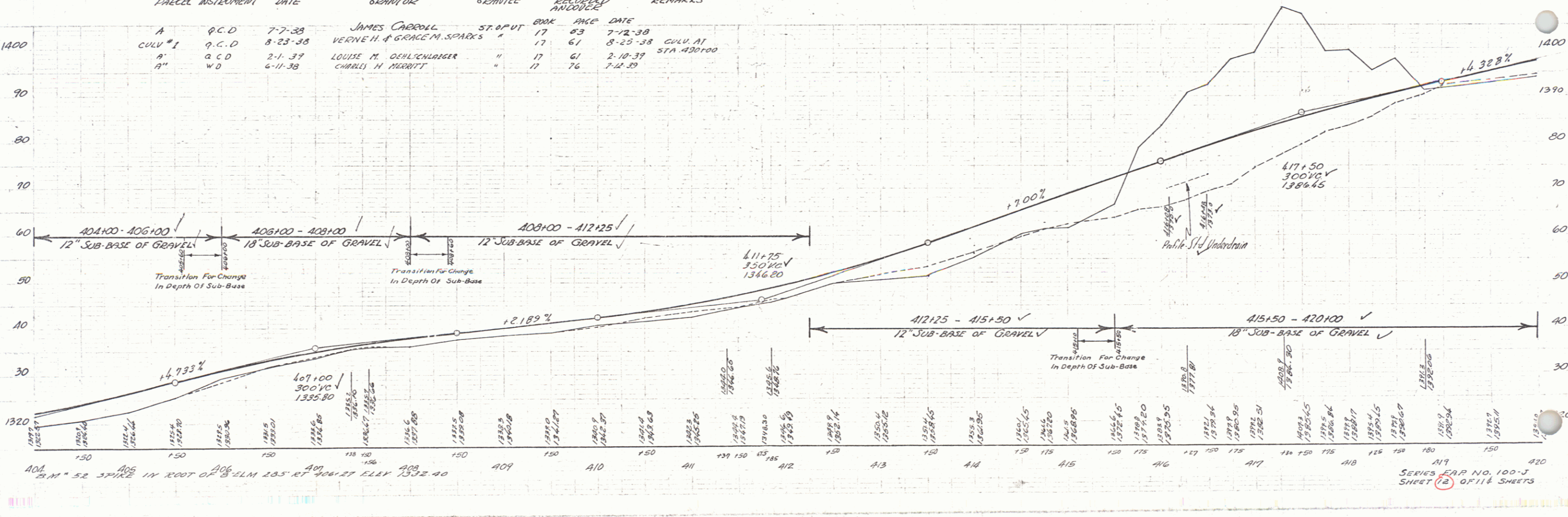


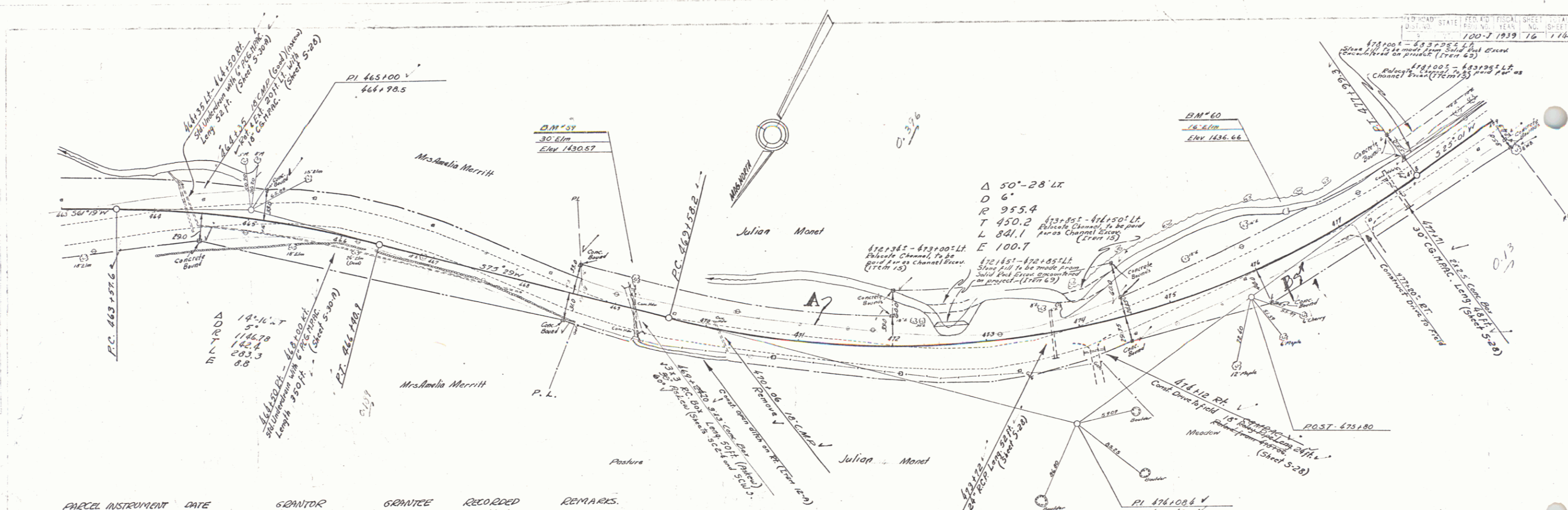
BM 50 SPOT ON CONC BRIDGE WING 15' LEFT 389+10.5 ELEV 1230.32
 BM 51 SPIRE IN ROOT 24' MAPLE STUMP 17' LT 398+17 ELEV 1308.17

SERIES FOR A-100-J
 SHEET 11 OF 11

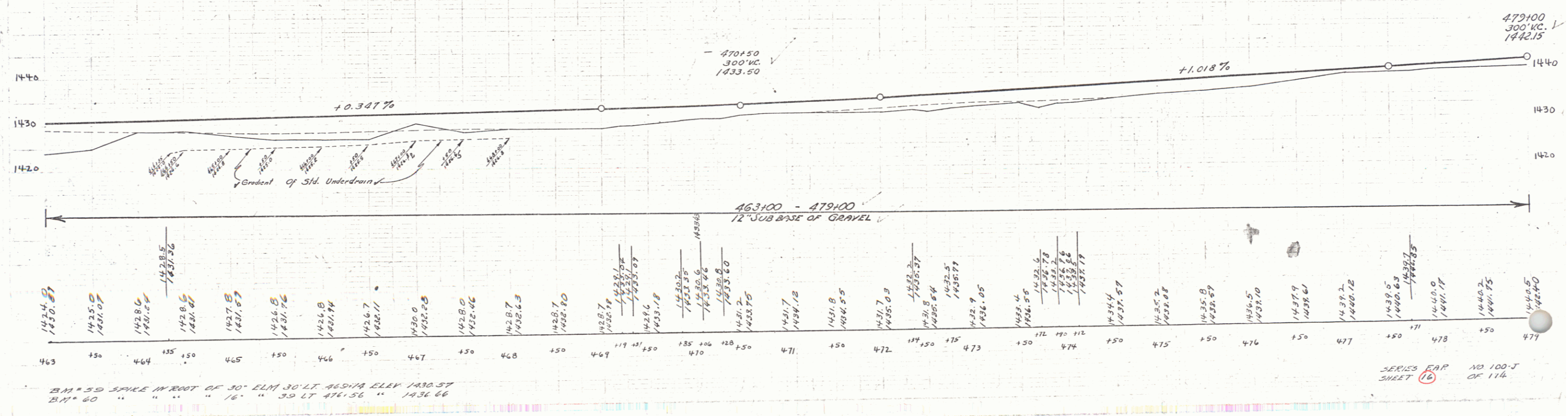


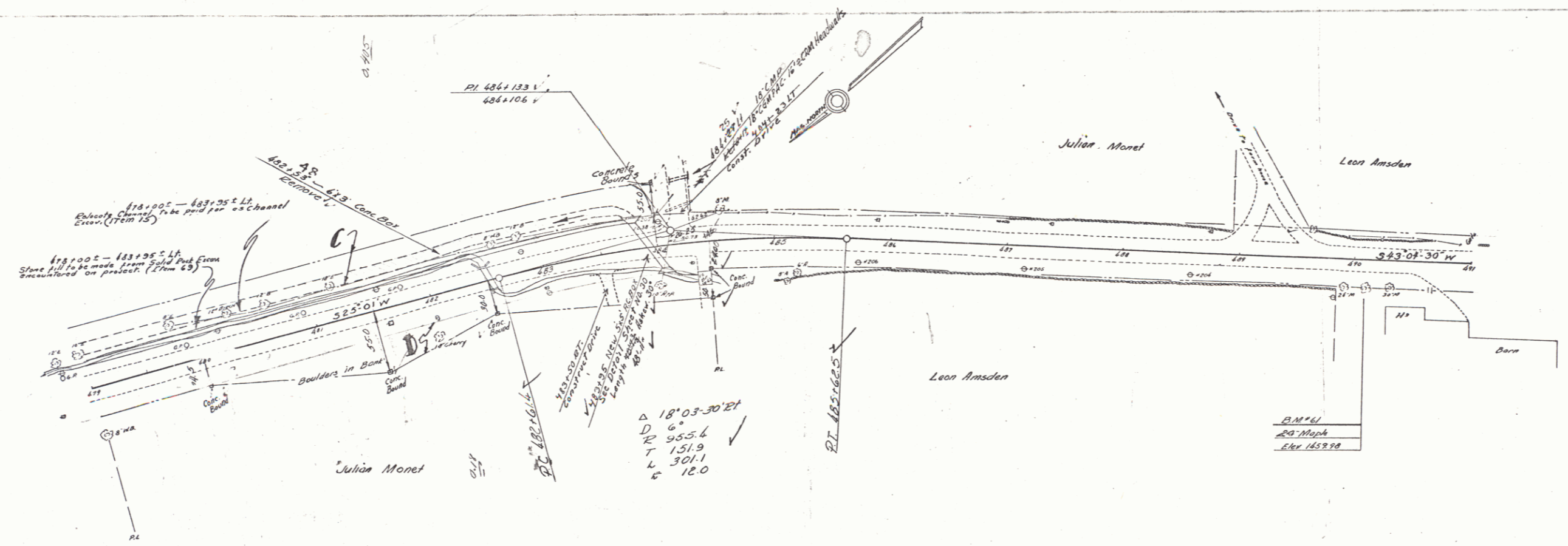
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED AND/OR	REMARKS
A	Q.C.D.	7-7-38	JAMES CARROLL	ST. OP UT	BOOK PAGE DATE	
CULV #1	Q.C.D.	8-25-38	VERNE H. & GRACE M. SPARKS	"	17 63 7-12-38	CULV #1
A'	Q.C.D.	2-1-39	LOUISE M. DEHLSCHLAGER	"	17 61 8-25-38	STA. 420+00
A''	W.D.	6-11-38	CHARLES H. MERRITT	"	17 76 2-10-39	7-12-39



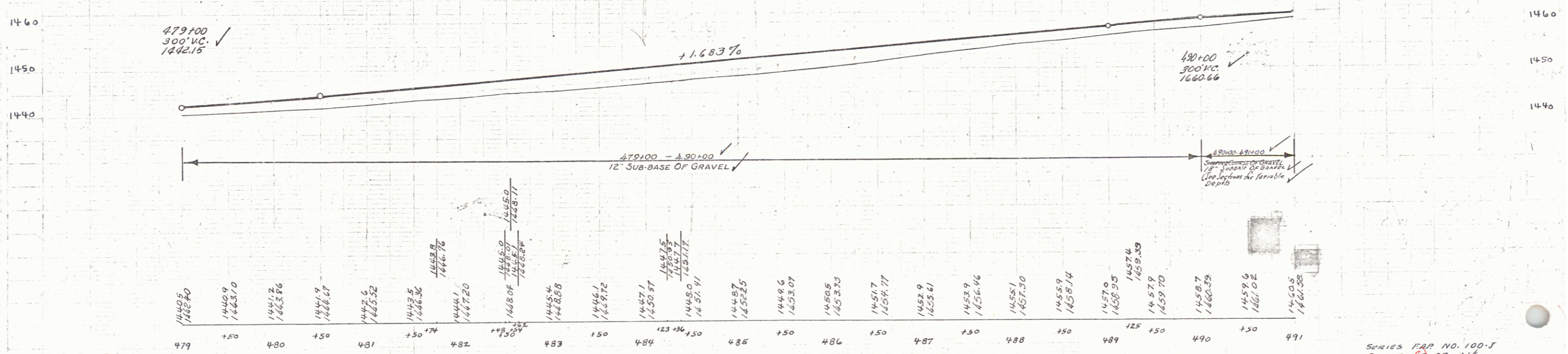


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	P.C.O.	7-7-38	JULIAN MONET	ST. OF UT.	WINDHAM BOOK 14 PAGE 306-308 DATE 7-22-38	

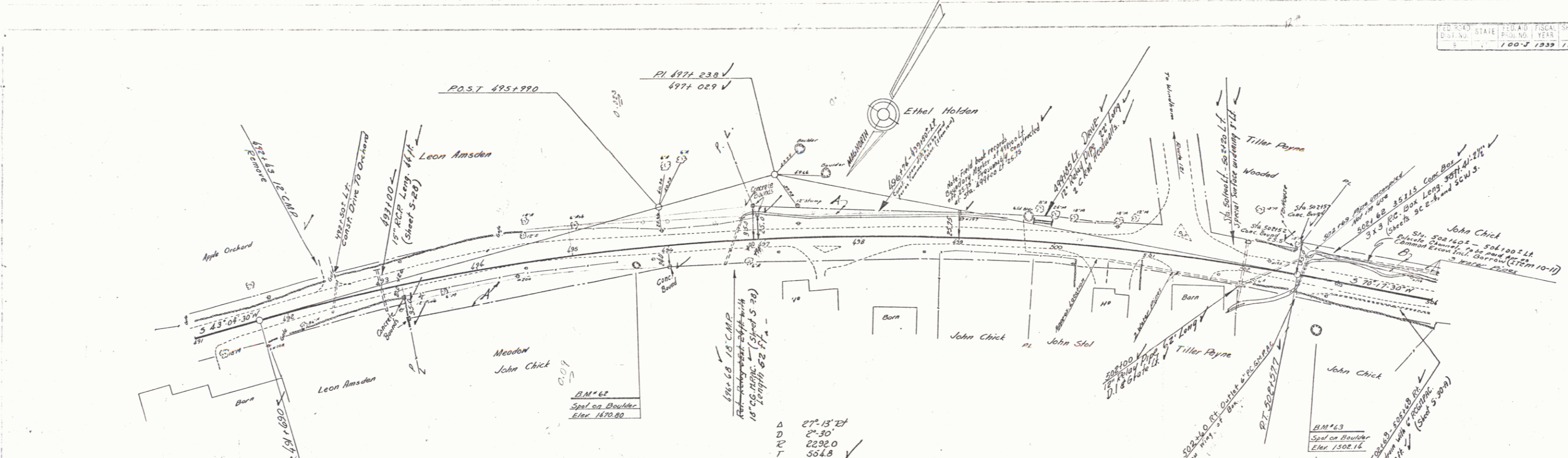




PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
C-D	Q.C.D.	7-7-38	JULIAN MONET	ST. OF VT	BOOK 306-308 PAGE DATE 7-22-38	

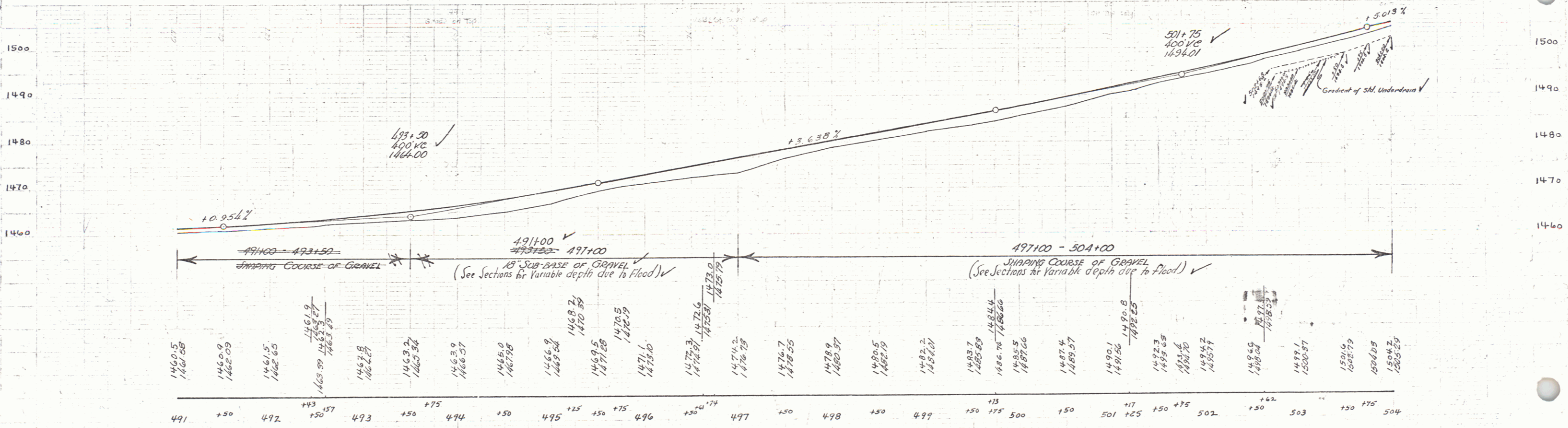


SERIES MAP NO. 100-J
SHEET 17 OF 116

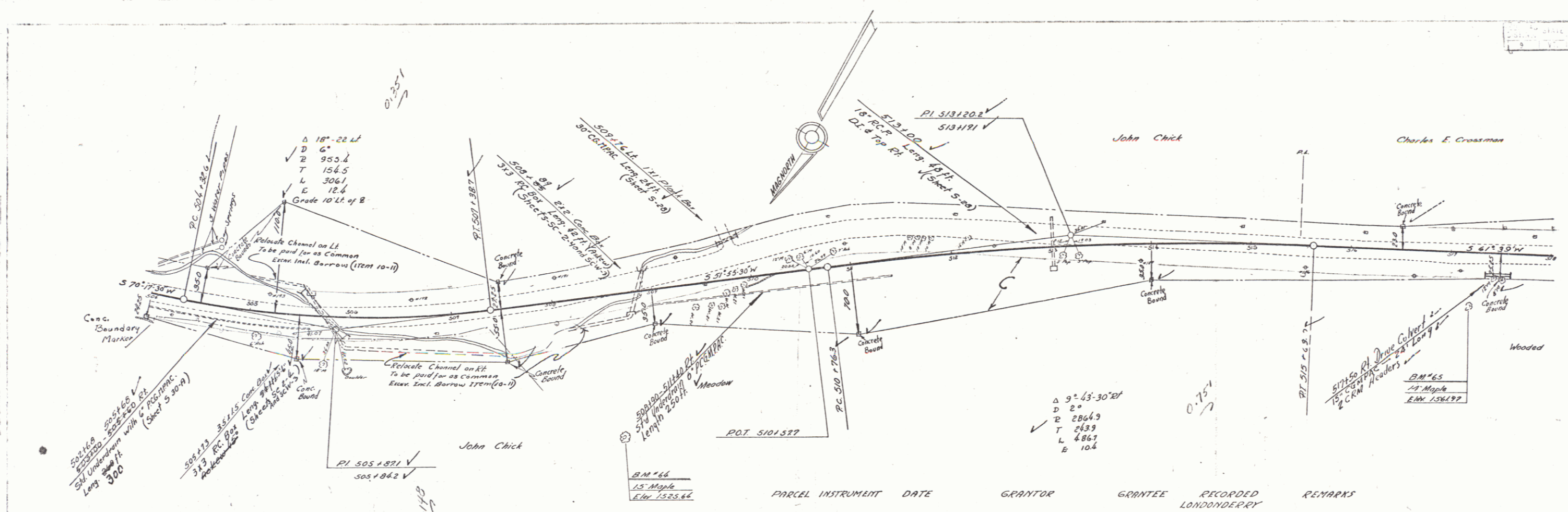


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	Q.C.D.	7-28-38	ETHEL A. GRISWOLD	ST OF VT	BOOK 25 PAGE 33	
A-B	Q.C.D.	7-28-38	JOHN A. & ROBERTA CHICK	ST OF VT	25 33	8-1-38

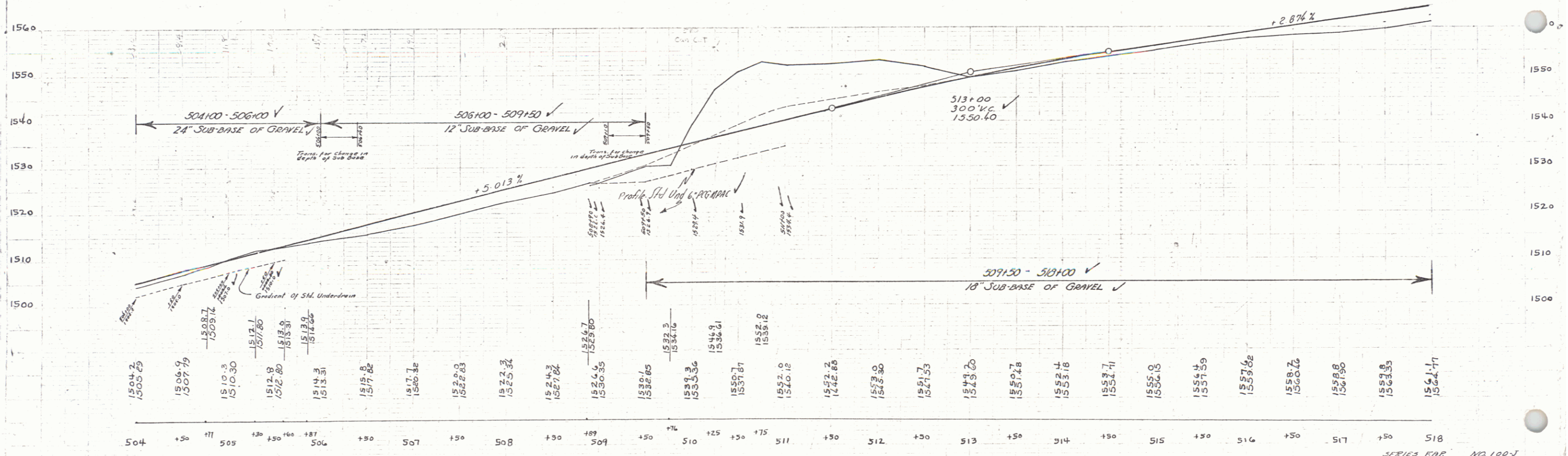
27° 15' 21"
 2° 30'
 2292.0
 554.8
 10887
 66.2
 Grade 10' R/L of E



B.M. #62 SPOT ON BOULDER 14' BY 495' 65" ELEV 1470.00

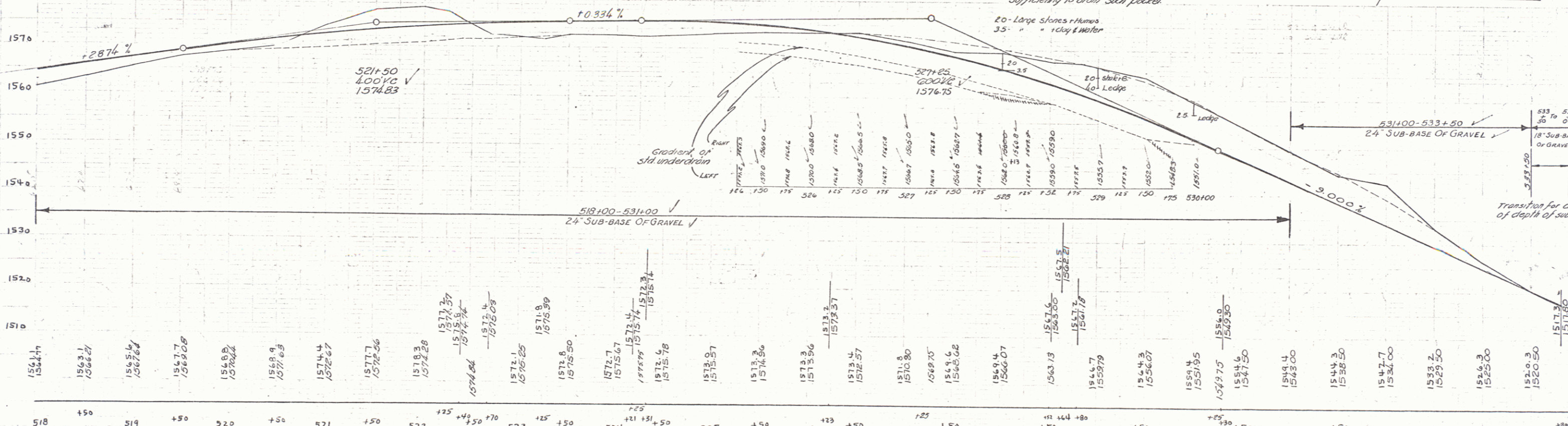
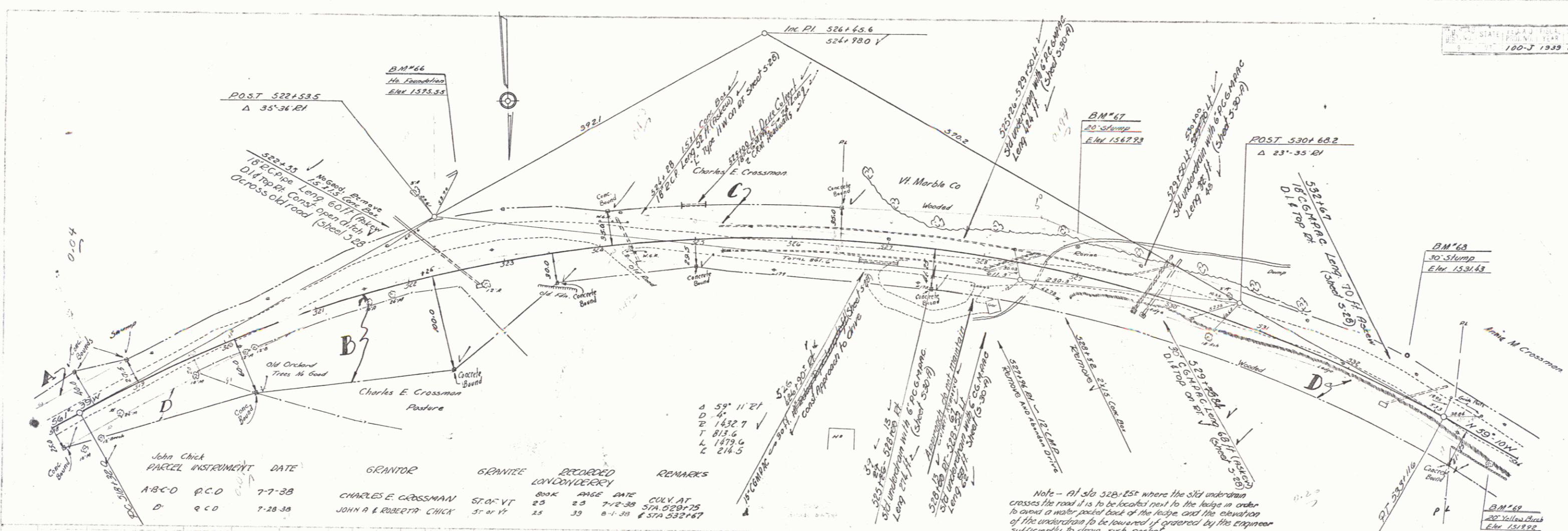


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
C	Q.C.D.	7-28-38	JOHN A & ROBERTA CHICK	ST. OF VT.	LONDONDERY BOOK 25 PAGE 33	DATE 8-1-38 CWN 34 513100



B.M. 64 SPIKE IN ROOT 15' MAPLE 40' RT 300.35 ELEV 1525.64
 B.M. 65 " " TRUNK 14' MAPLE 49' RT 317.19 ELEV 1561.97

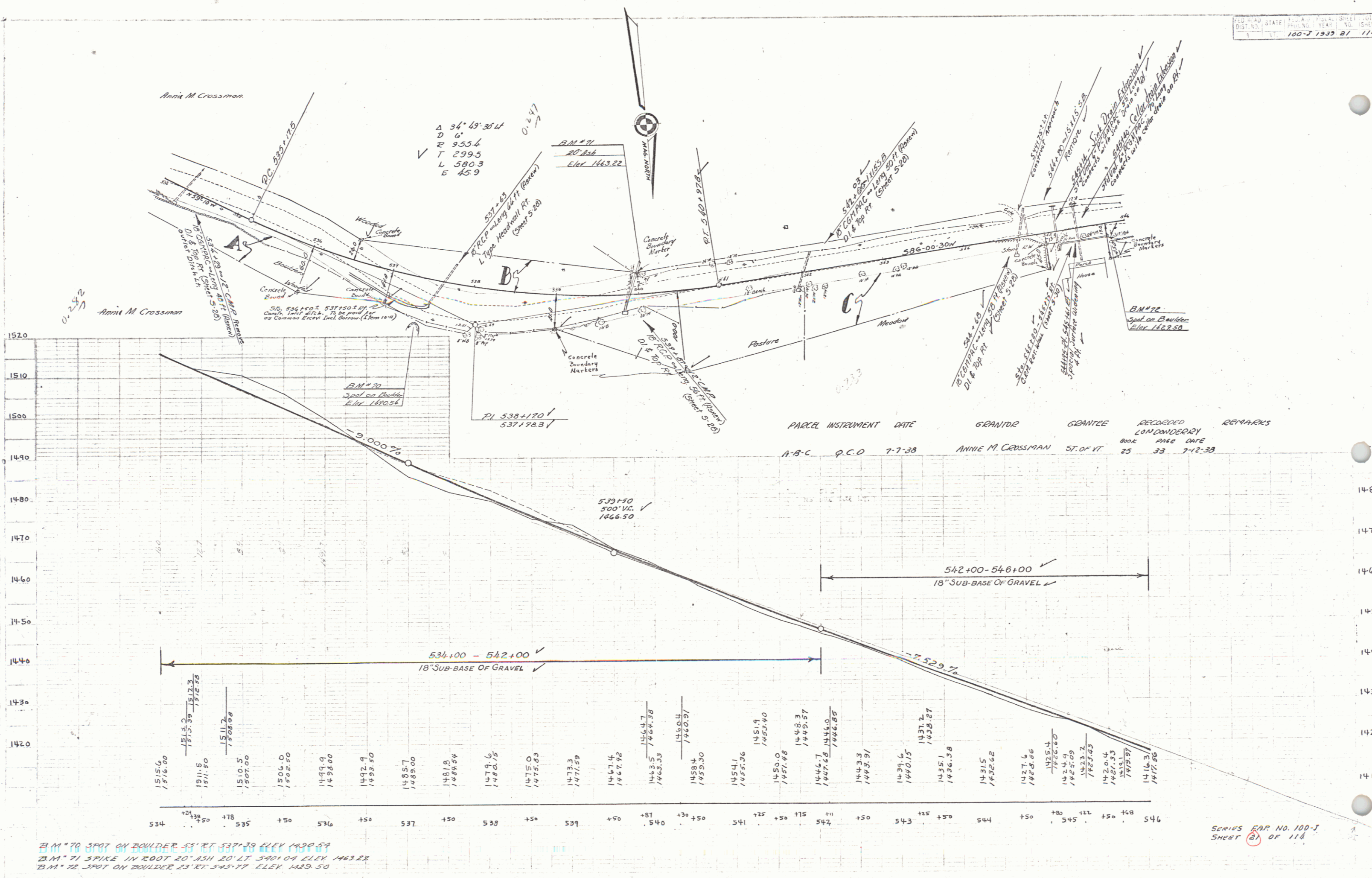
SERIES RAR NO 100-J
 SHEET 13 OF 116



518 450 519 +50 520 +50 521 +50 522 +40 523 +50 524 +21 525 +50 526 +25 527 +50 528 +50 529 +50 530 +50 531 +50 532 +50 533 +50 534

BM 69 SPIKE IN ROOT 20" YELLOW BIRCH 16' RT 533+76 ELEV 1519.02
 BM 66 SPIKE ON STONE HOUSE T.D.M. 100' LT 529+74 ELEV 1575.35
 BM 67 SPIKE IN 20" BIRCH STUMP 10' RT 528+50 ELEV 1575.09
 BM 68 " " ROOT 30" BIRCH STUMP 30' LT 532+50 ELEV 1531.43

SERIES P.O.P. NO. 100-J
 SHEET 100 OF 114



Δ 34° 43' 38" L
 D 6'
 R 955.4
 T 299.5
 L 580.3
 E 45.9
 0.247

B.M. #71
 20' Ash
 Elev. 1463.22

B.M. #72
 Spot on Boulder
 Elev. 1462.50

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B-C	Q.C.D.	7-7-38	ANNIE M. CROSSMAN	ST. OF VT.	BOOK 25 PAGE 33	7-12-38

534	1515.6	1516.00
534+78	1513.3	1512.3
534+80	1511.5	1512.3
535	1510.5	1507.00
536	1506.0	1502.50
536+9	1499.9	1498.00
536+29	1492.9	1493.50
537	1485.7	1485.00
538	1481.8	1481.54
538+6	1479.6	1480.15
539	1475.0	1475.83
539+3	1473.3	1471.59
540	1467.4	1467.92
540+5	1465.3	1464.38
540+30	1460.4	1460.91
541	1458.4	1455.30
541+1	1454.1	1455.36
541+25	1451.9	1453.40
542	1450.0	1451.48
542+15	1448.3	1449.57
542+11	1444.7	1446.0
542+25	1442.68	1442.85
543	1443.3	1443.91
543+15	1439.6	1440.15
543+25	1437.2	1438.27
544	1435.1	1436.38
544+5	1431.5	1432.62
545	1427.6	1428.86
545+14	1425.4	1426.0
545+49	1424.9	1425.09
545+22	1423.2	1423.63
546	1420.4	1421.33
546+1	1418.1	1419.91
546+28	1416.3	1417.80

B.M. #70 SPOT ON BOULDER 35' RT 537+39 ELEV. 1490.59
 B.M. #71 SPIKE IN ROOT 20' ASH 20' LT 540+04 ELEV. 1463.22
 B.M. #72 SPOT ON BOULDER 23' RT 545+77 ELEV. 1462.50

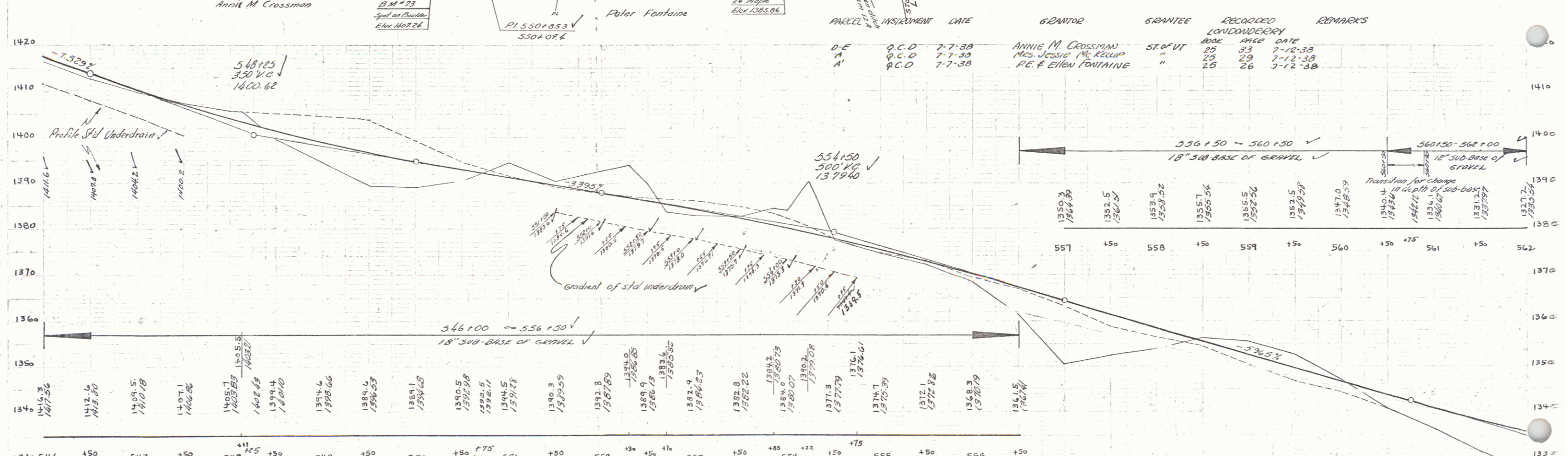
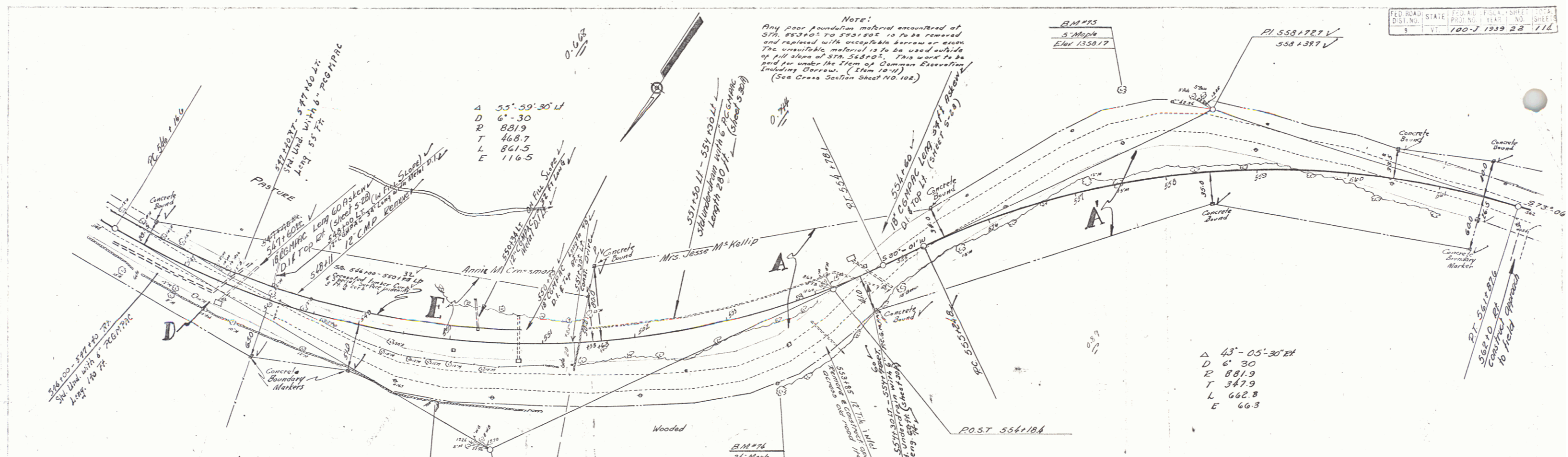
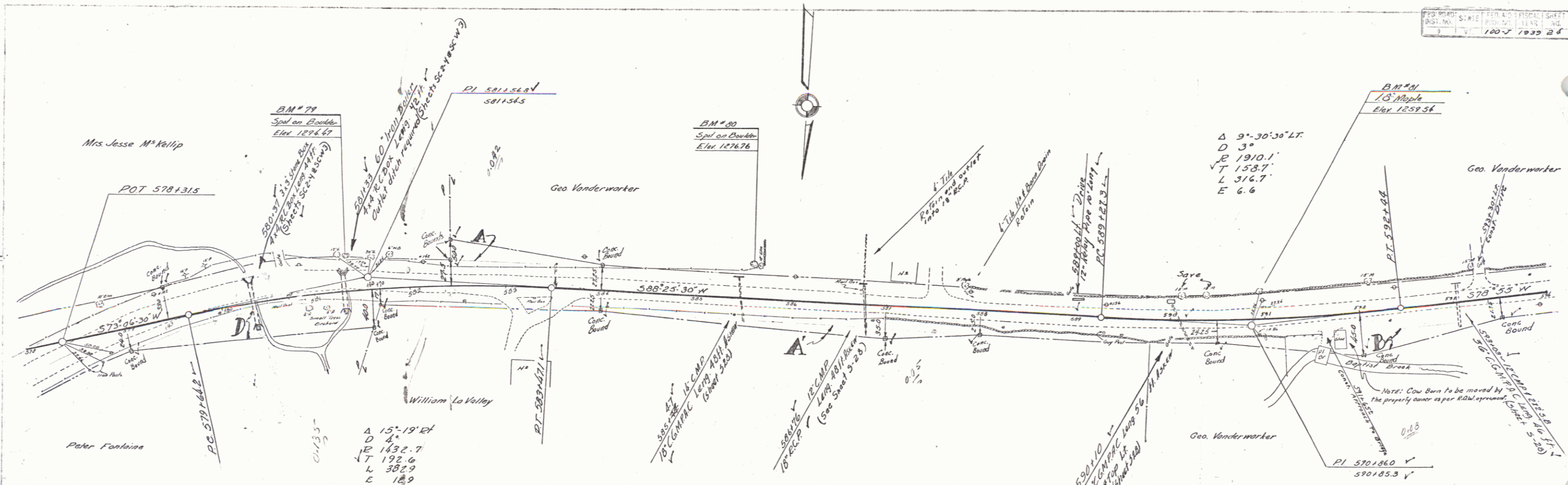


Table 4: Instrumentation Log

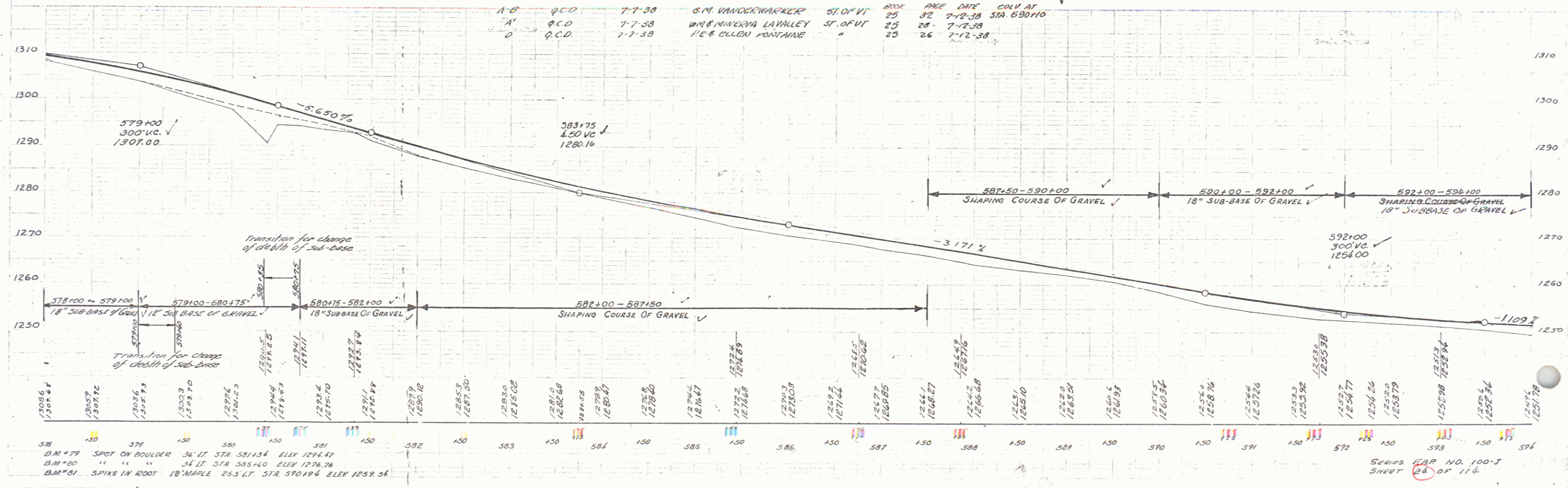
Parcel	Instrument	Date	Grantor	Grantee	Recorded	Remarks
D-E	P.C.D.	7-7-38	ANNIE M. CROSSMAN	ST. OF VT.	25	7-12-38
A'	P.C.D.	7-7-38	PE. F. ELLEN FONTAINE	"	29	7-12-38
A'	P.C.D.	7-7-38	"	"	26	7-12-38

B.M. # 73 Point spot on boulder 60' N. of Sta. 549+193 Elev. 1407.28
 B.M. # 74 Spike in roof of 28' Maple 85' E. of Sta. 553+134 Elev. 1385.06
 B.M. # 75 Spike in front of 6' Maple 55' L. of Sta. 557+70 Elev. 1358.17

SERIES FOR NO. 100-J SHEET 22 OF 114

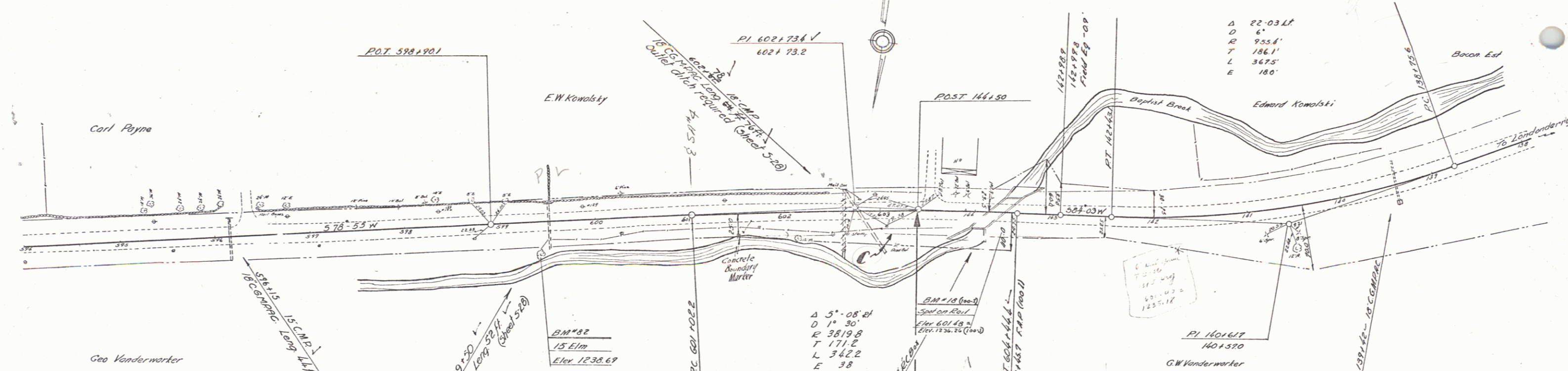


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	Q.C.D.	7-7-38	G.M. VANDERWARKER	ST. OF VT.	25	32 7-12-38 STA 690+10
A'	Q.C.D.	7-7-38	W.M. MINERVA LAVALLEY	ST. OF VT.	25	28 7-12-38
D	Q.C.D.	7-7-38	HE & ELLEN FONTAINE	"	20	26 7-12-38

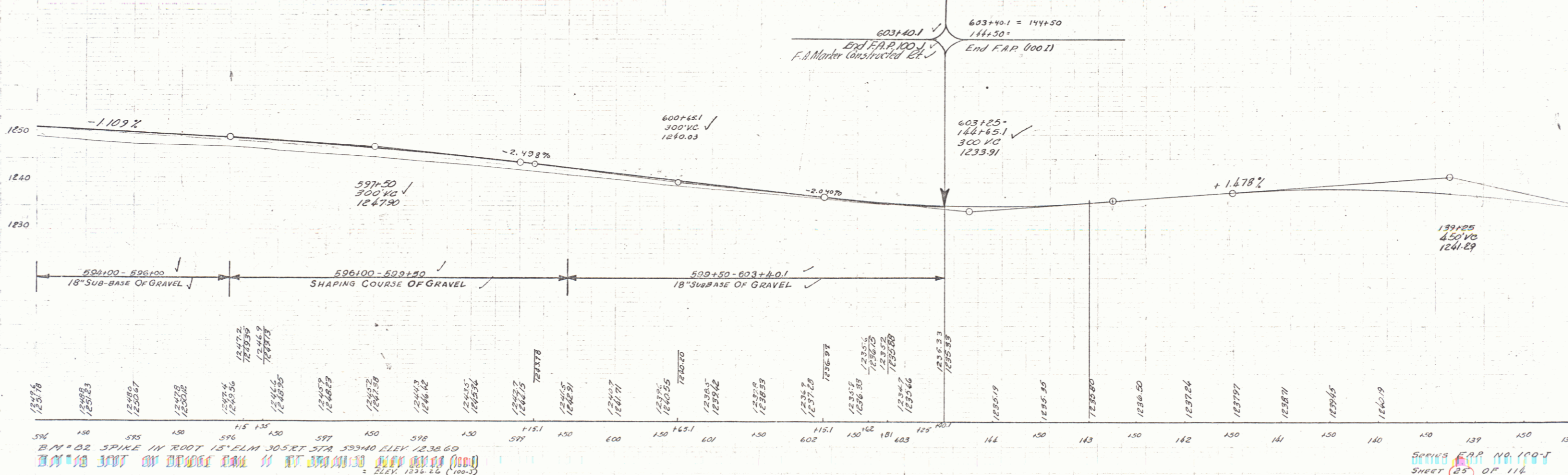


578+00 - 579+00 18" SUB-BASE OF GRAVEL
 579+00 - 580+175 18" SUB-BASE OF GRAVEL
 580+175 - 582+00 18" SUB-BASE OF GRAVEL
 582+00 - 587+50 SHAPING COURSE OF GRAVEL
 587+50 - 590+00 SHAPING COURSE OF GRAVEL
 590+00 - 592+00 18" SUB-BASE OF GRAVEL
 592+00 - 594+00 SHAPING COURSE OF GRAVEL

SERIES MAP NO. 100-J
 SHEET 24 OF 114



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
C	Q.C.D.	7-7-38	G.M. VANDERWERKER	ST. OF VT.	BOOK 25 PAGE 32	DATE 7-12-38 STA. 693+00



5% B.M. #02 SPIKE IN ROOT 15' ELM 305 RT STA 52940 ELEV 1238.60

Series F.A.P. NO. 100-J
SHEET 25 OF 114