

**INDEX OF SHEETS**

SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT
" 3	BANKING AND WIDENING TABLES
" 4-16	PLAN AND PROFILE SHEETS
" 17	DETAILS OF BRIDGE EXTENSION (STA. 1165+54.5)
" 18	STANDARD SHEET S 28, PIPE CULVERTS
" 19	" S 29, BOX CULVERTS
" 20	" S 30, GUARD RAIL
" 21	" S 31, BOUNDARY MARKERS
" 22	" SC-1, BOX CULVERTS
" 23	" S-34, CEMENT RUBBLE MASONRY BOXES
" 23A	" S-40 BARRICADES, SIGNS, AND LIGHTS.
" 24-69A	" CROSS SECTIONS

Standard sheets 528 and 529 approved by the Chief Engineer on July 11, 1933.

Standard sheet 530 approved by the Chief Engineer on Aug 15, 1933.

Standard sheet 531 approved by the Chief Engineer on July 25, 1934.

2 1/2" Gravel Mixed In Place Surface Course with Reformed Top, Item 24.B.4.H  
2 1/2" Plant Mixed Gravel Surface Course with Curbed Asphalt and Rock Coat of Reformed Top, Item 27.4.2.H

**STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT**

**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY**

FEDERAL AID PROJECT

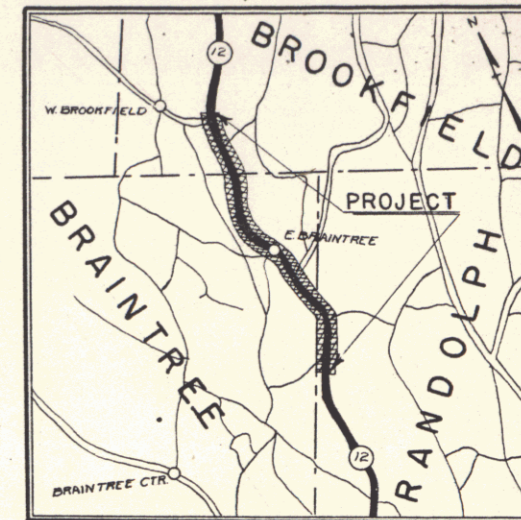
**TOWNS OF BROOKFIELD-BRAINTREE-RANDOLPH**

**NORTHFIELD-RANDOLPH ROAD**

FROM THE BRIDGE OVER AYERS BROOK NORTH OF THE WEST BROOKFIELD TURN, SOUTHERLY 3.025 MILES TO A POINT 0.73 MILES SOUTH OF THE BRAINTREE-RANDOLPH TOWN LINE.

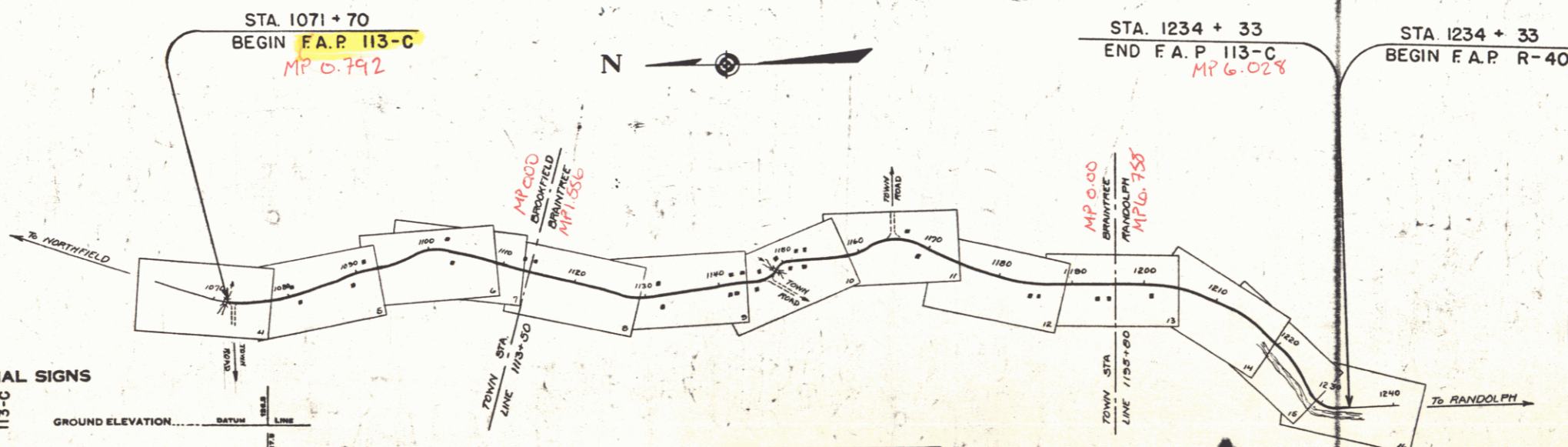
LENGTH OF PROJECT 15,974.6 FT. = 3.025 MILES

**RECORD PLANS**



SCALE - 1 INCH = 1 MILE

Rte. VT 112



**CONVENTIONAL SIGNS**

- COUNTY LINE
- TOWN LINE
- FENCE LINE
- STONE WALL
- UNFENCED PROPERTY
- GUARD RAIL
- TRAVELED WAY
- RAILROAD
- RETAINING WALL
- CENTER LINE
- SURVEY LINE
- CULVERT
- DROP INLET
- TROLLEY POLE
- POWER POLE
- TELEPHONE POLE
- TREES
- HEDGE

- GROUND ELEVATION
  - GRADE ELEVATION
  - BATHY LINE
  - LINE
- CURVE DATA**
- DEFLECTION ANGLE
  - DEGREE OF CURVE
  - RADIUS OF CURVE
  - TANGENT DISTANCE
  - LENGTH OF CURVE
  - EXTERNAL DISTANCE
  - POINT OF INTERSECTION
  - POINT OF CURVE
  - POINT OF TANGENT
  - POINT ON TANGENT

SCALES

TITLE	1" = 1000'
PLAN	1" = 300'
PROFILE	1" = 50'
CROSS-SECTIONS	1" = 5'

These plans are subject to such revisions as may be required by the Bureau of Public Roads and the Commissioner of Highways. Construction is to be carried on in accordance with the plans and standard road and bridge specifications of 1930 including all subsequent approved revisions, and such specifications and special provisions as are submitted with the plans.

APPROVED: *H. Sargent*  
COMMISSIONER OF HIGHWAYS  
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

FEB 29 1980

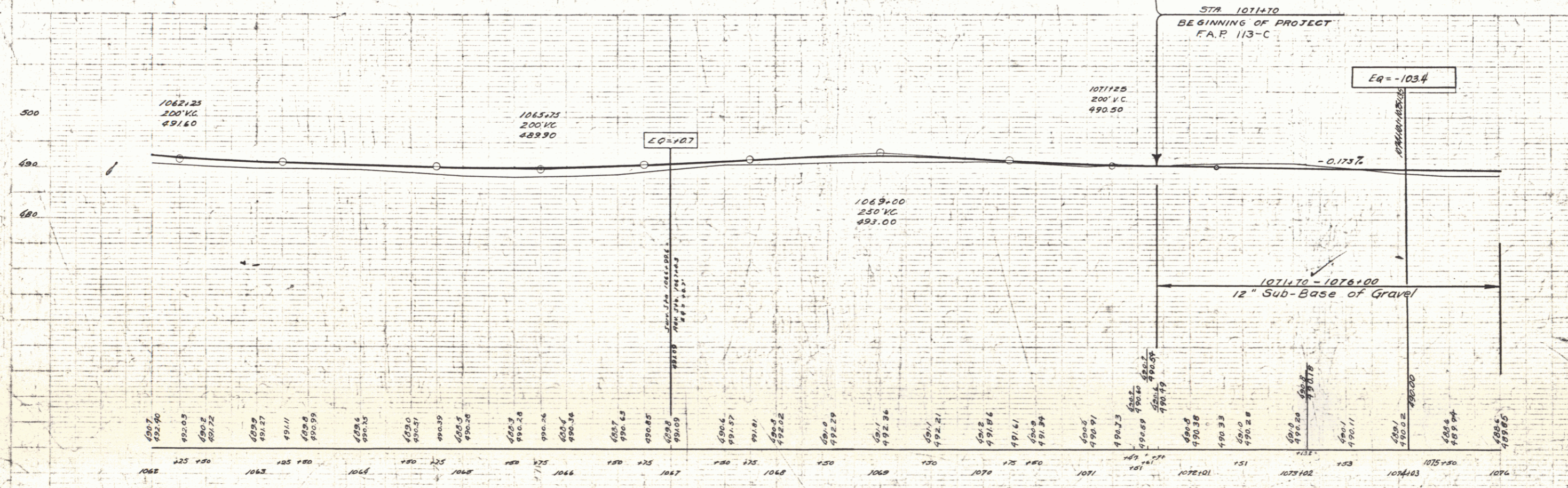
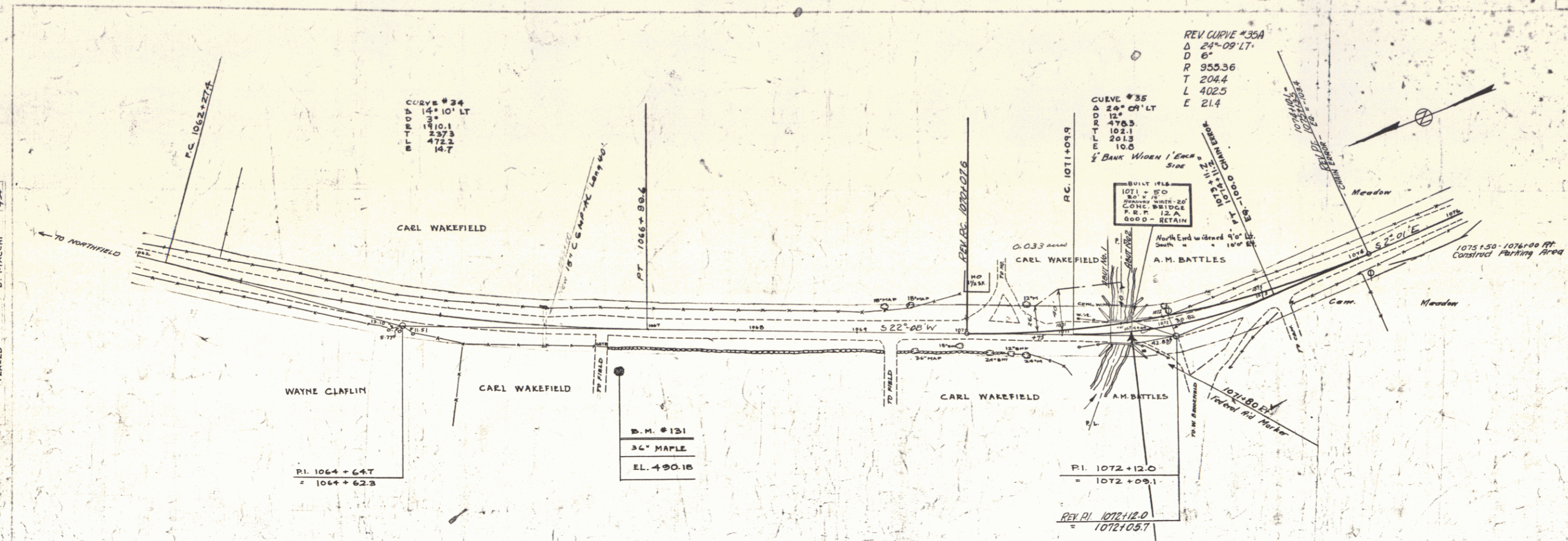
NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OF EARTH DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

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

CORRECT: APRIL 2, 1935  
*[Signature]*  
ROAD ENGINEER

SERIES F. No. 113-C FILED  
SHEET 1 OF 49

TRACED  
C. F. RUTLAND  
D. MACCHI 9/84

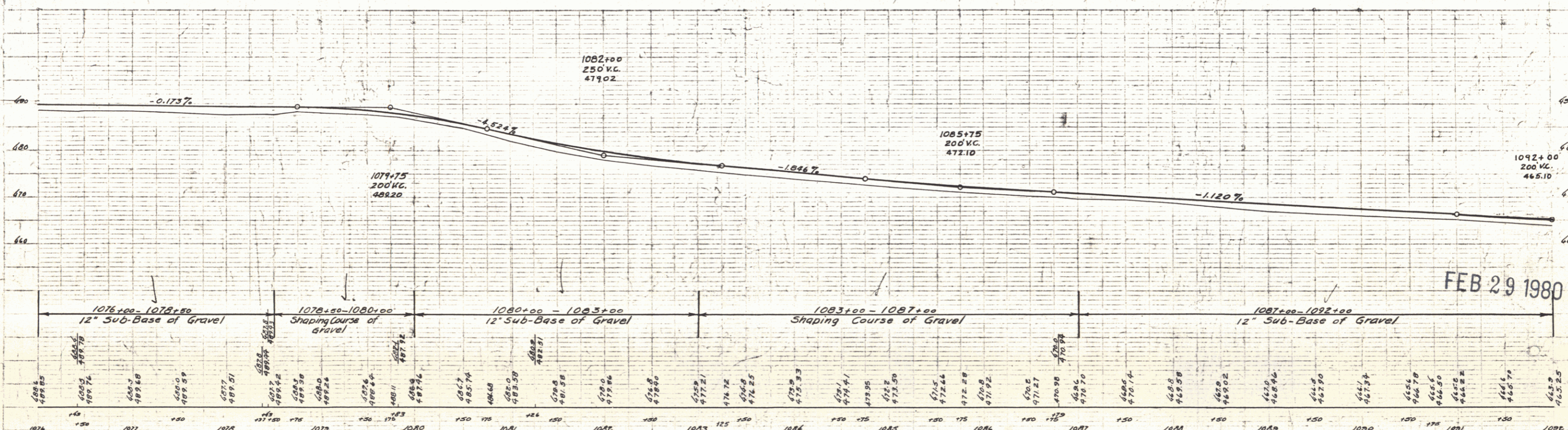
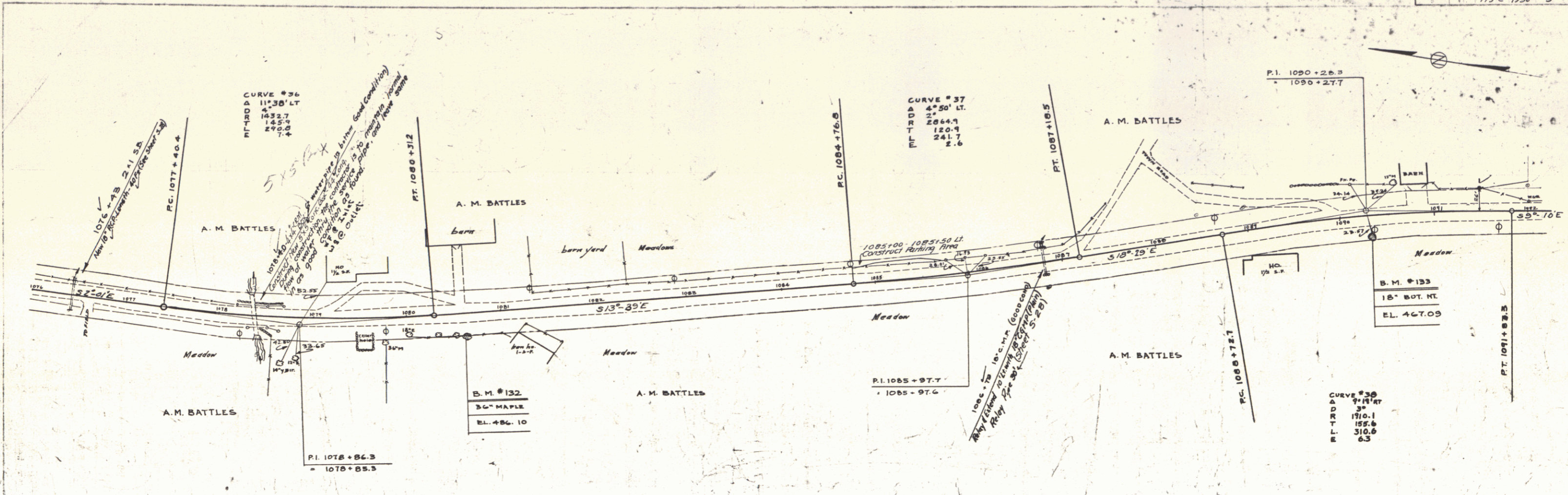


B.M. #131 SPIKE IN ROOT 36" MAPLE 25' RT STA. 1066+73 EL. 490.18

FEB 29 1980

SERIES F NO 113C  
SHEET 6 OF 69

PLAN  
 DATE OF FIELD SURVEY  
 DATE OF DESIGN  
 DATE OF PLOTTING  
 DATE OF PRINTING  
 DRAWN BY  
 CHECKED BY  
 SCALE



1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092
488.50	488.70	488.80	488.90	489.00	489.10	489.20	489.30	489.40	489.50	489.60	489.70	489.80	489.90	490.00	490.10	490.20

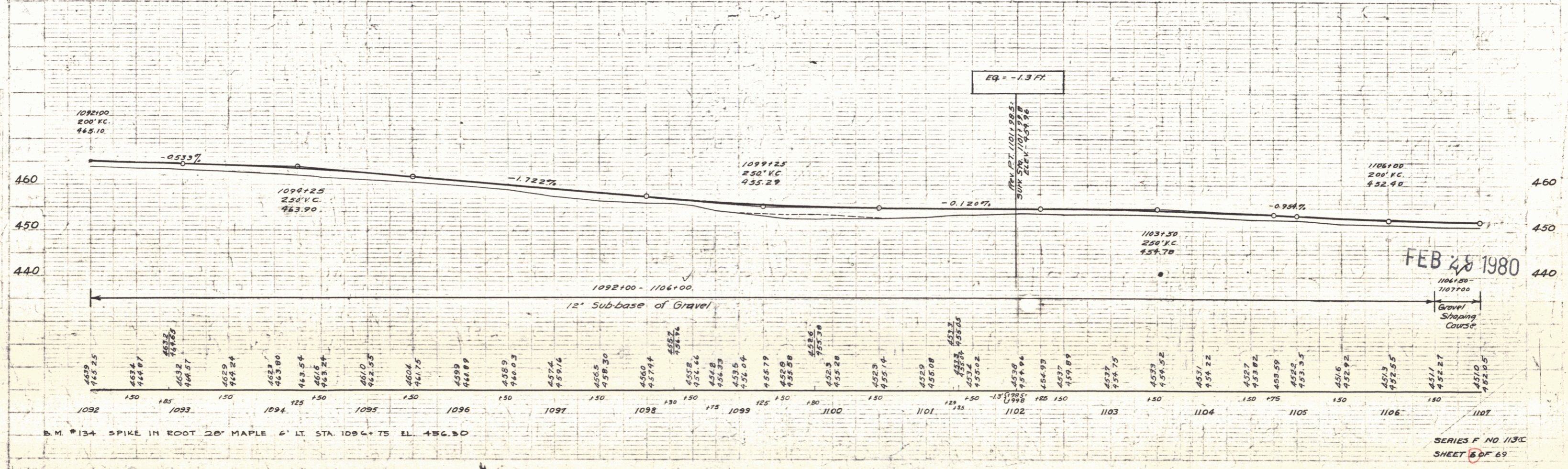
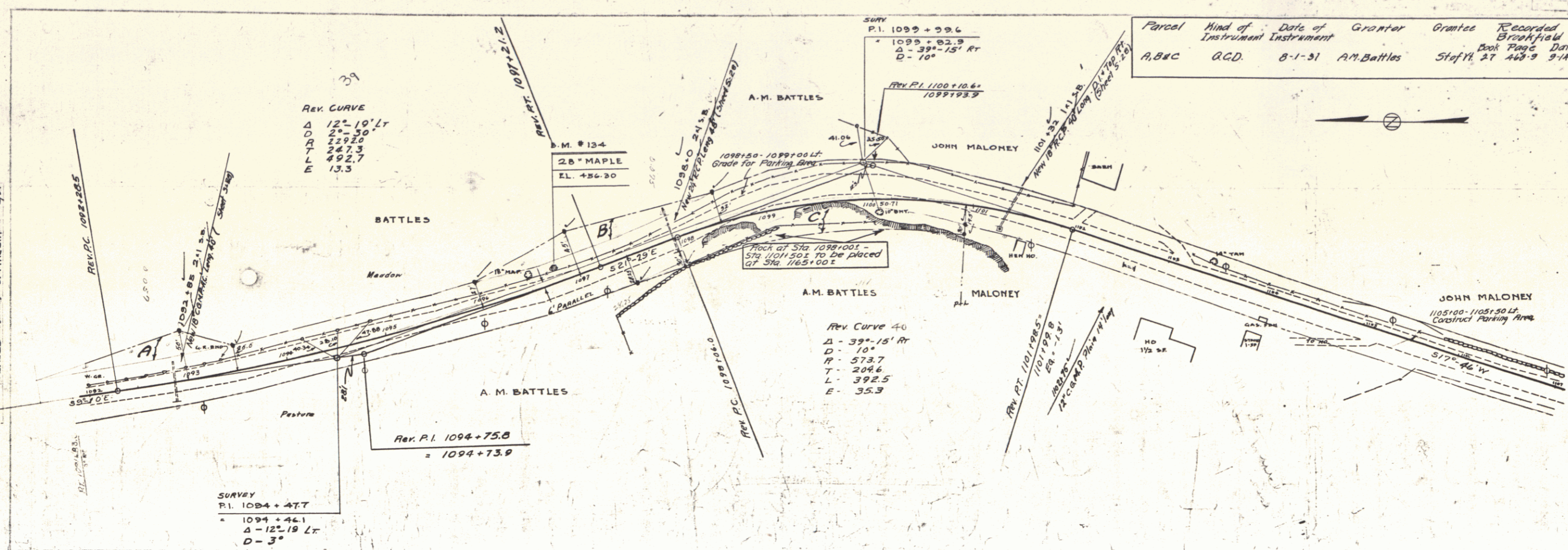
B.M. #132 SPIKE IN ROOT 36" MAPLE STA. 1080+60 22' RT. EL. 486.10  
 B.M. #133 18" BUT. HT. 18 FT. ET. STA. 1090+32 EL. 467.09

FEB 29 1980

SERIES F NO 113C  
 SHEET 5 OF 69

3

Parcel	Kind of Instrument	Date of Grant	Grantee	Recorded Book Page	Breakfield Date	Remarks
A, B & C	Q.C.D.	8-1-31	A.M. Battles	Staff 11, 27	443-9	9-1-35



C. E. PUTNAM  
D. MACCHI  
7/14

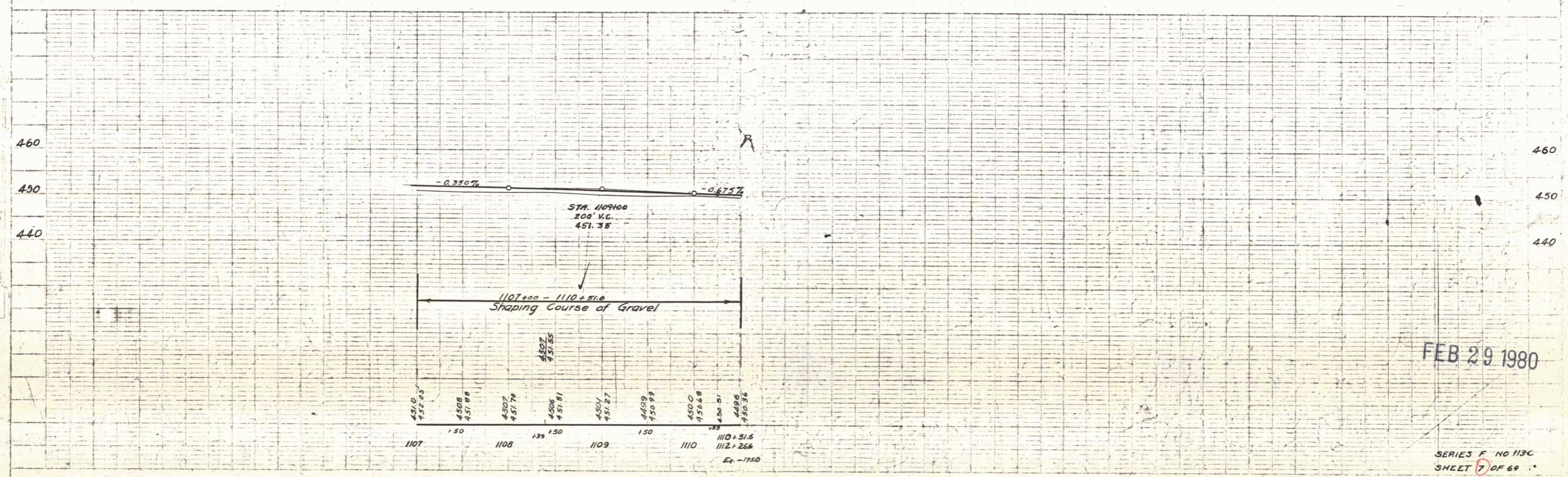
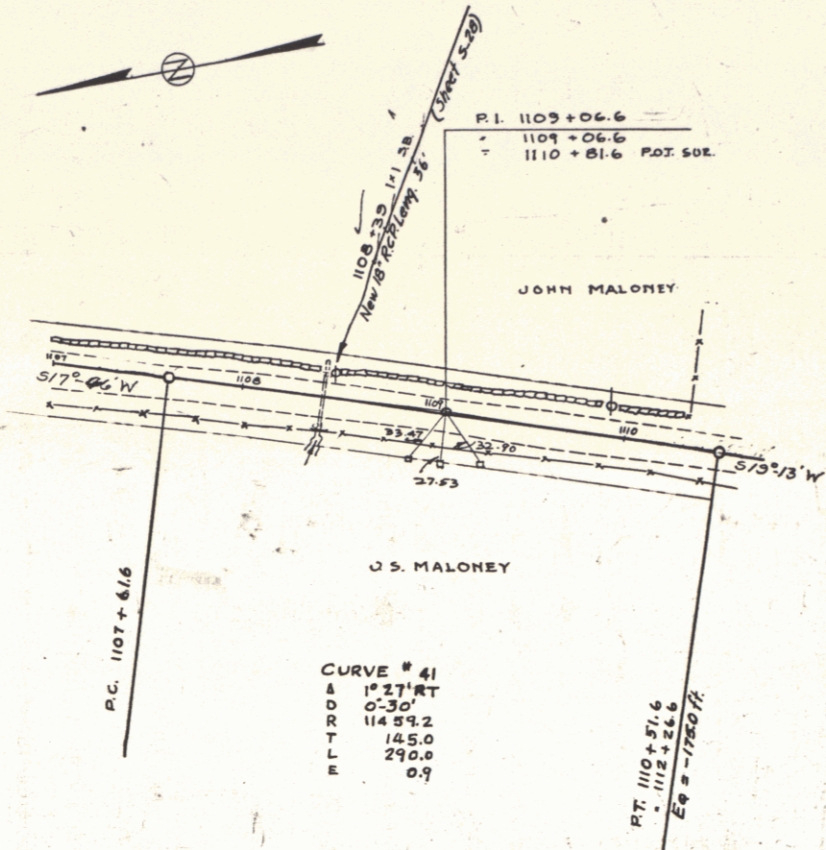
DEC 22  
1984

FEB 28 1980

SERIES F NO 113C  
SHEET 6 OF 69

4

DESIGNED BY  
 JOHN J. MALONEY  
 D. MALONEY  
 TEACED

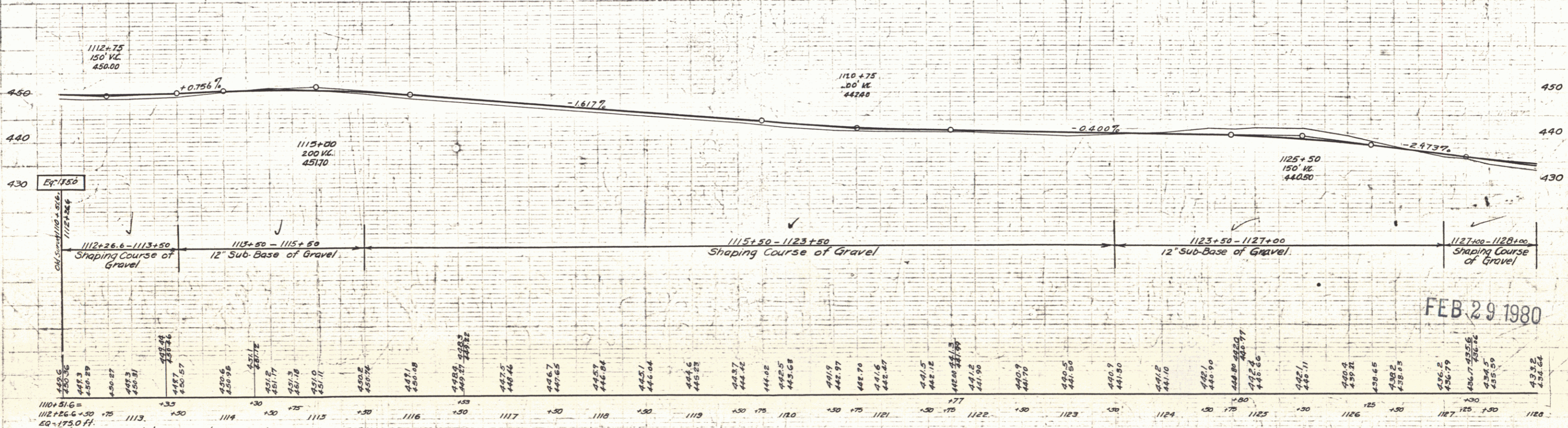
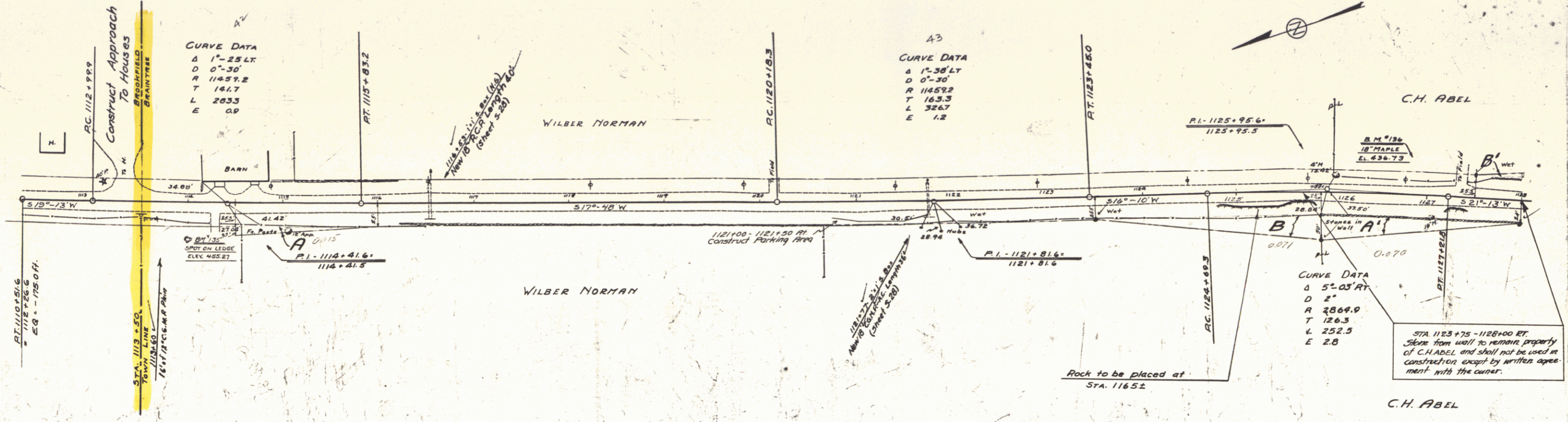


FEB 29 1980

SERIES F NO 113C  
 SHEET 7 OF 69

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A-B	G.C.D.	8-31-35	Wilbur & Norman	St of H	21 334	11-3-35
A'-B'	"	8-15-35	C. H. & N. E. Abel	"	21 377	9-28-35

LD. ROAD	STATE	FILE NO.	YEAR	SHEET NO.	TOTAL SHEETS
113-C	VT	113-C	1936	6	69



Station	Elevation	Station	Elevation	Station	Elevation
1101+51.6	450.5	1112+26.6	450.5	1115+50	451.7
1102+26.6	450.5	1113+50	451.7	1116+75	447.6
1103+50	450.5	1114+00	451.7	1117+00	447.6
1104+00	450.5	1114+50	451.7	1118+00	447.6
1104+50	450.5	1115+00	451.7	1119+00	447.6
1105+00	450.5	1115+50	451.7	1120+00	447.6
1105+50	450.5	1116+00	447.6	1121+00	447.6
1106+00	450.5	1116+50	447.6	1122+00	447.6
1106+50	450.5	1117+00	447.6	1123+00	447.6
1107+00	450.5	1117+50	447.6	1124+00	447.6
1107+50	450.5	1118+00	447.6	1125+00	447.6
1108+00	450.5	1118+50	447.6	1126+00	447.6
1108+50	450.5	1119+00	447.6	1127+00	447.6
1109+00	450.5	1119+50	447.6	1128+00	447.6
1109+50	450.5	1120+00	447.6		
1110+00	450.5	1121+00	447.6		
1110+50	450.5	1122+00	447.6		
1111+00	450.5	1123+00	447.6		
1111+50	450.5				
1112+00	450.5				
1112+50	450.5				
1113+00	450.5				
1113+50	450.5				
1114+00	450.5				
1114+50	450.5				
1115+00	450.5				
1115+50	450.5				
1116+00	450.5				
1116+50	450.5				
1117+00	450.5				
1117+50	450.5				
1118+00	450.5				
1118+50	450.5				
1119+00	450.5				
1119+50	450.5				
1120+00	450.5				
1120+50	450.5				
1121+00	450.5				
1121+50	450.5				
1122+00	450.5				
1122+50	450.5				
1123+00	450.5				
1123+50	450.5				
1124+00	450.5				
1124+50	450.5				
1125+00	450.5				
1125+50	450.5				
1126+00	450.5				
1126+50	450.5				
1127+00	450.5				
1127+50	450.5				
1128+00	450.5				

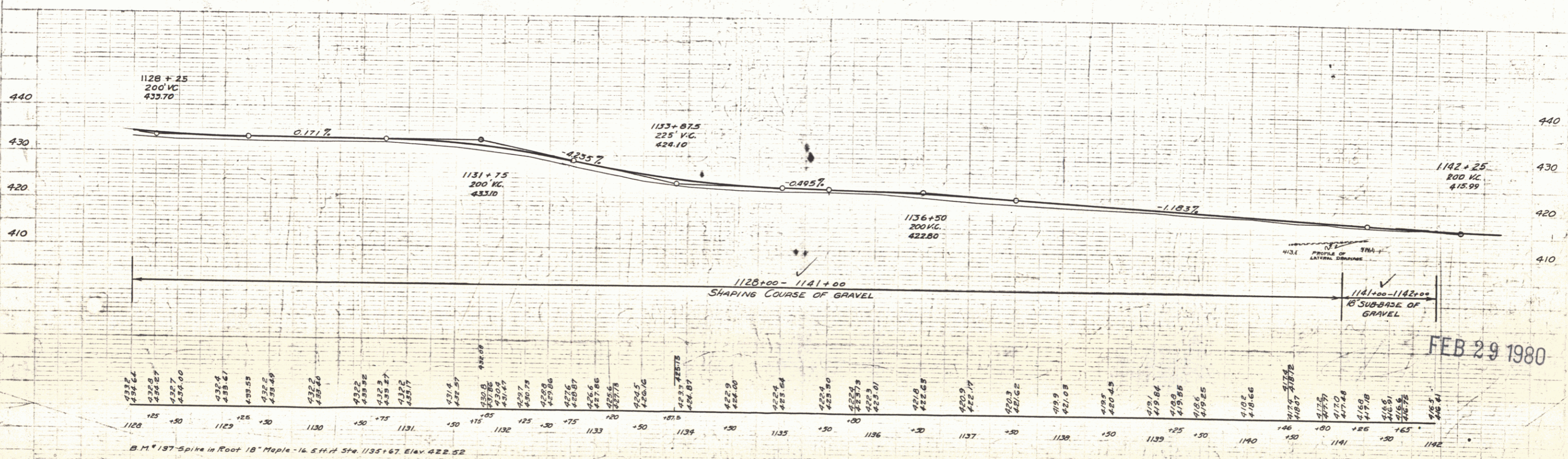
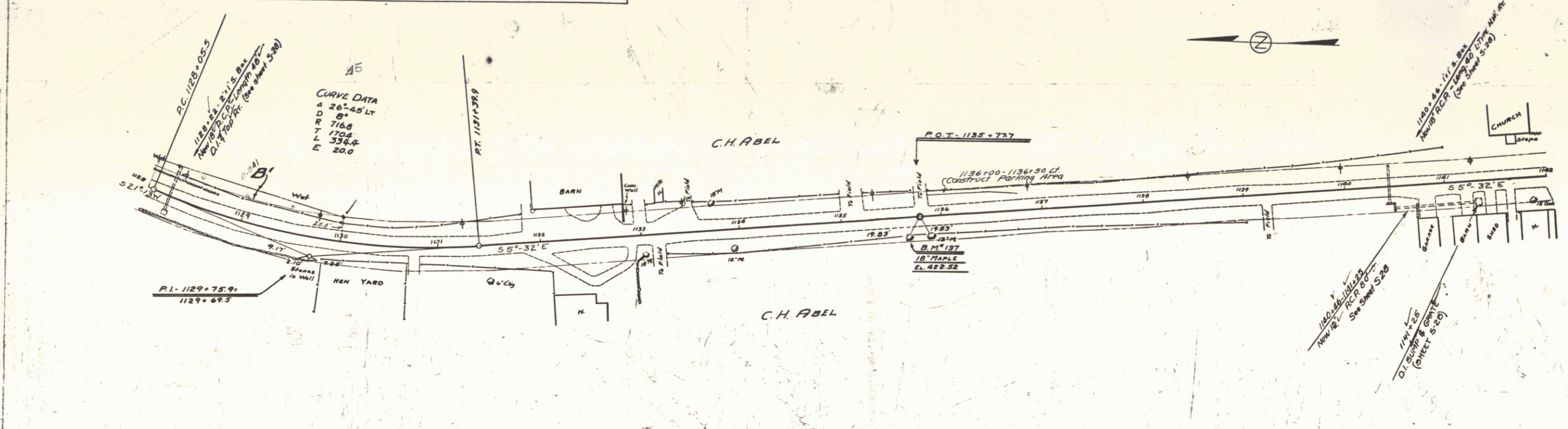
FEB 29 1980

SERIES F NO 113C  
SHEET 6 OF 69

6

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
8'	C.C.D.	8-13-35	C.H. & N.E. Abel	Staff # 377	Book Page 33835	

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	1936	9	60



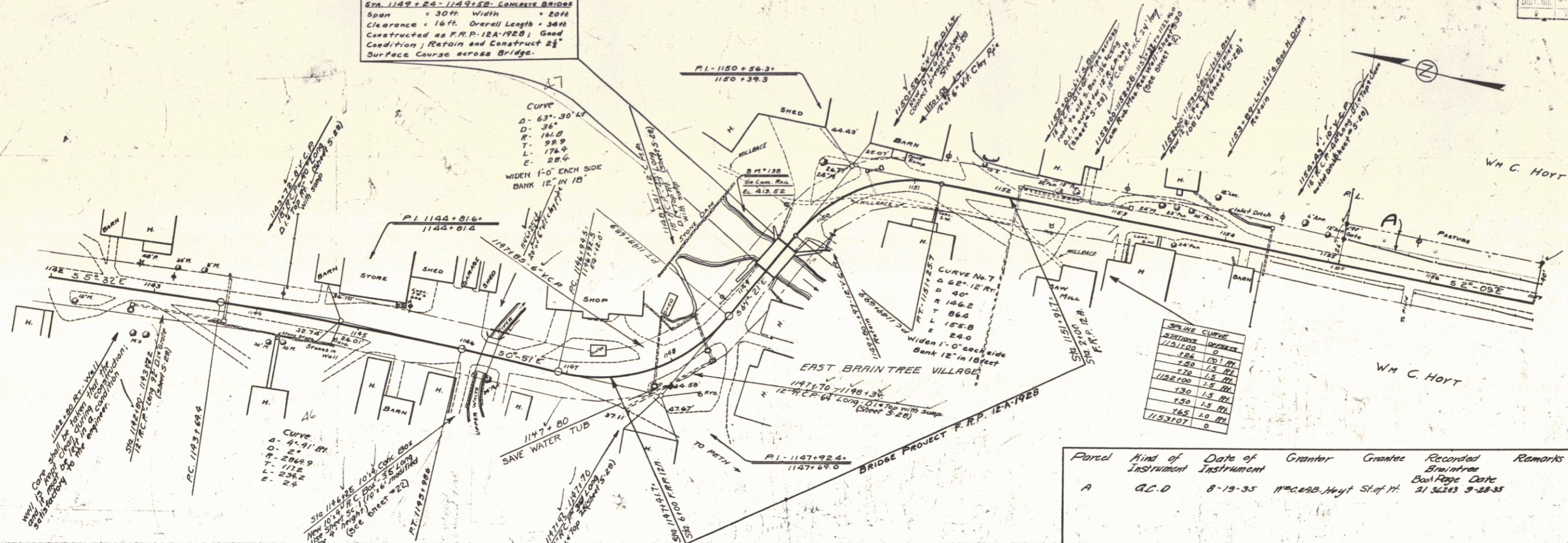
B.M. 187 Spike in Root 18" Maple - 14.5 ft. H. 3 ft. 1135+67 Elav 422.52

FEB 29 1980

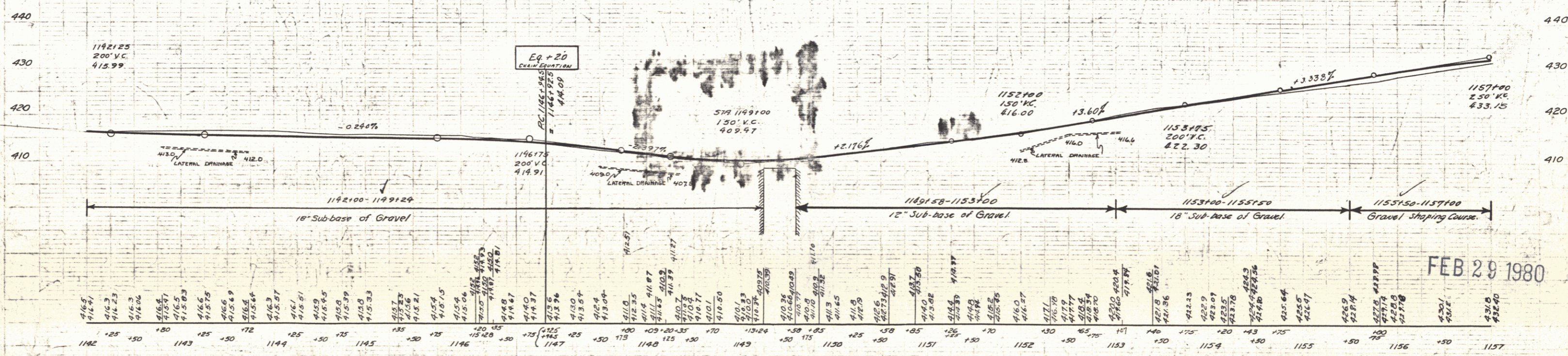
SERIES F NO 113C SHEET 9 OF 69

7

STA. 1149+24-1149+50 CONCRETE BRIDGE  
 Span = 30 ft Width = 20 ft  
 Clearance = 16 ft Overall Length = 36 ft  
 Constructed as P.R.P. (12A-1928) Good  
 Condition; Retain and Construct 2 1/2"  
 Surface Course across Bridge.



Forest	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A	G.C.D.	8-19-35	Wm. C. Hoyt	Stef. H.	21	3618 9-28-35



B.M. 138 Paint Spot on Conc. Br. Rail - 10 ft. H Sta. 1149+25 Elev. 413.52

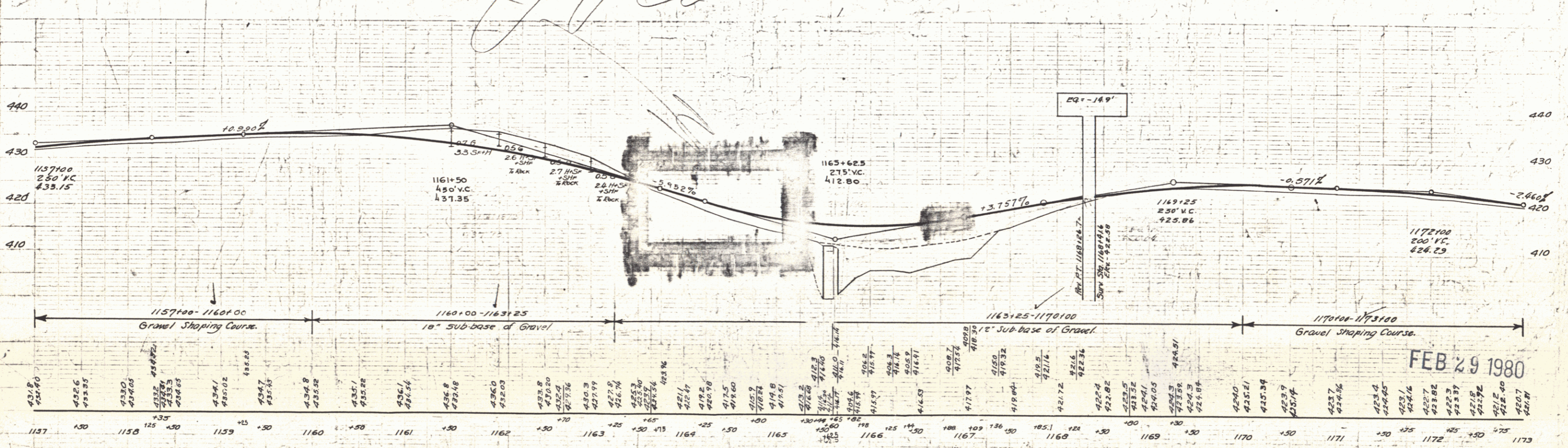
FEB 29 1980

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A, B, C, C, D, D, D	Q.C.D.	8-13-35	Wm. C. Hoyt	St. of Pt. 21	Notes 9-28-35	Calc. Sta. 115940

STA 1165+27-1165+62 - Concrete Bridge  
 Span - 11 ft Width - 22 ft  
 Clearance - 11 ft Overall Length - 15 ft  
 Constructed in 1921 - Series B180-App 460  
 Good Condition Retain and extend 235 ft  
 Right with 11 ft R.C. Box - Sheet 17 (Details of 11 ft R.C. Box) W.S. @ OUTLET

NOTE  
 Excess cut to be used on road approach.

FED. ROAD STATE DIST. NO. 113-C 1938 11 69



431.8	432.0	432.2	432.4	432.6	432.8	433.0	433.2	433.4	433.6	433.8	434.0	434.2	434.4	434.6	434.8	435.0	435.2	435.4	435.6	435.8	436.0	436.2	436.4	436.6	436.8	437.0	437.2	437.4	437.6	437.8	438.0	438.2	438.4	438.6	438.8	439.0	439.2	439.4	439.6	439.8	440.0						
1157	130	1158	125	130	1159	145	135	1160	150	1161	150	1162	150	1163	150	1164	150	1165	150	1166	150	1167	150	1168	150	1169	150	1170	150	1171	150	1172	150	1173	150	1174	150	1175	150	1176	150	1177	150	1178	150	1179	150

B.M. #139 Spike in Root 12" Elm 13 ft ft Sta. 1160+40 Elev. 435.63  
 B.M. #140 Point Spot on Cont. Gas P'dn 26 ft ft Sta. 1168+80 Elev. 425.75

FEB 29 1980

SERIES F No 113-C  
 SHEET 11 OF 69

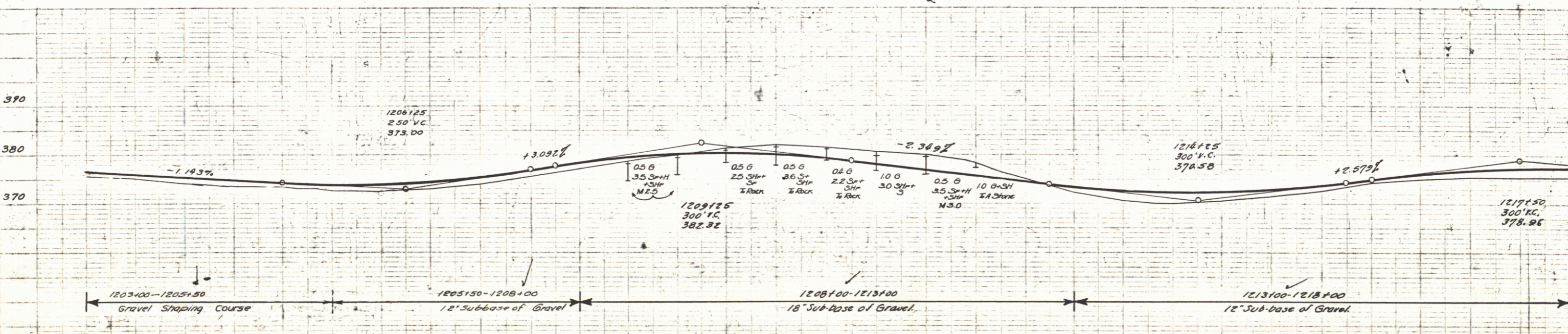
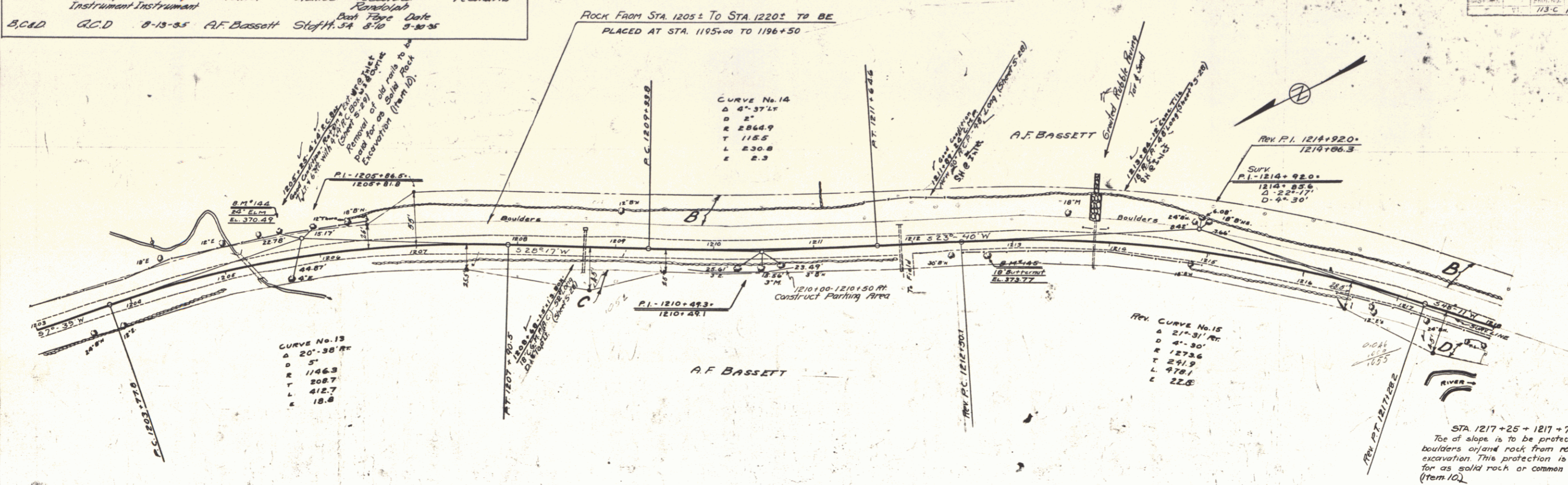
9





Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Reversionary Redeemable	Remarks
B, C & D	G.C.D.	8-13-85	A.F. Bassett	Steff, J.A.	8/10	8-30-85

ROAD STATE DIST. NO. 110 P.C.M. SHEET TOTAL NO. SHEETS  
713-C 1736 14 69



Station	Elevation
1203	375.6
1203+50	376.14
1204	374.1
1204+50	375.57
1205	373.7
1205+50	375.00
1206	373.3
1206+50	374.36
1207	374.1
1207+50	375.57
1208	373.6
1208+50	375.00
1209	373.7
1209+50	375.00
1210	373.8
1210+50	375.14
1211	373.2
1211+50	374.69
1212	372.0
1212+50	373.54
1213	372.8
1213+50	374.14
1214	372.5
1214+50	373.85
1215	372.1
1215+50	373.54
1216	372.2
1216+50	373.54
1217	372.5
1217+50	373.85
1218	372.5
1218+50	373.85

B.M. 144 Spike in Root 24' Elm 27 ft ft. Sta. 1205+62 Elev. 370.49.  
B.M. 145 Spike in Root 18' Butternut 13 ft ft. Sta. 1212+73 Elev. 373.77

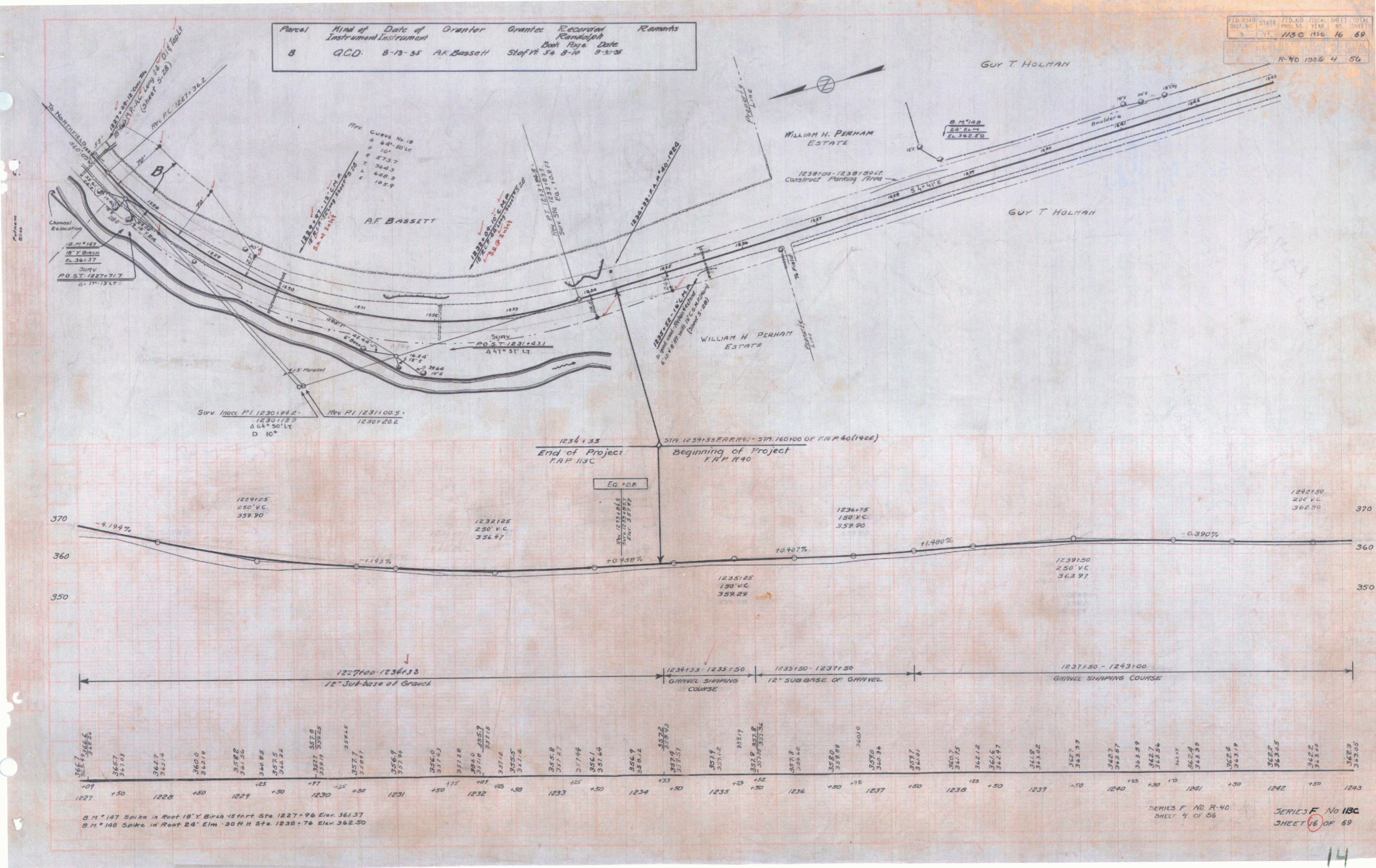
FEB 29 1980

SERIES F No. 1086  
SHEET 14 OF 69



Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded	Remarks
B	Q.C.D.	8-13-35	A.F. Bassett	Stofvt 54	8-10-35	

DIST. NO.	STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT		1936	16	69



B.M. 147 Spike in Root 18" Y Birch 15 ft from Sta. 1227+96 Elev. 361.37  
 B.M. 148 Spike in Root 24" Elm - 30 ft H Sta. 1238+76 Elev. 362.50

SERIES F NO. R-40  
 SHEET 4 OF 56

SERIES F NO. 18C  
 SHEET 16 OF 69