

INDEX OF SHEETS

- SHEET NO. 1 TITLE PAGE
- 2 TYPICAL CROSS-SECTION OF IMPROVEMENT
- 3 GRADING AND WIDENING TABLES
- 4 PLAN AND PROFILE SHEETS
- 5 STANDARD STRUCTURE SHEET S30 GUARD RAIL AND GUIDE POSTS.
- 10 S-40 SIGNS AND LIGHTS & BARRICADES

STANDARD STRUCTURE SHEET S-30 APPROVED BY THE CHIEF ENGINEER ON AUGUST 15, 1933

2 1/2% Gravel Mixed-In Place Surface Course with Estimated 12% Item 54.3 & 24.4  
2 1/2% Plant Mixed Gravel Surface Course with Cut-Back Asphalt, Item 97.

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

FEDERAL AID PROJECT

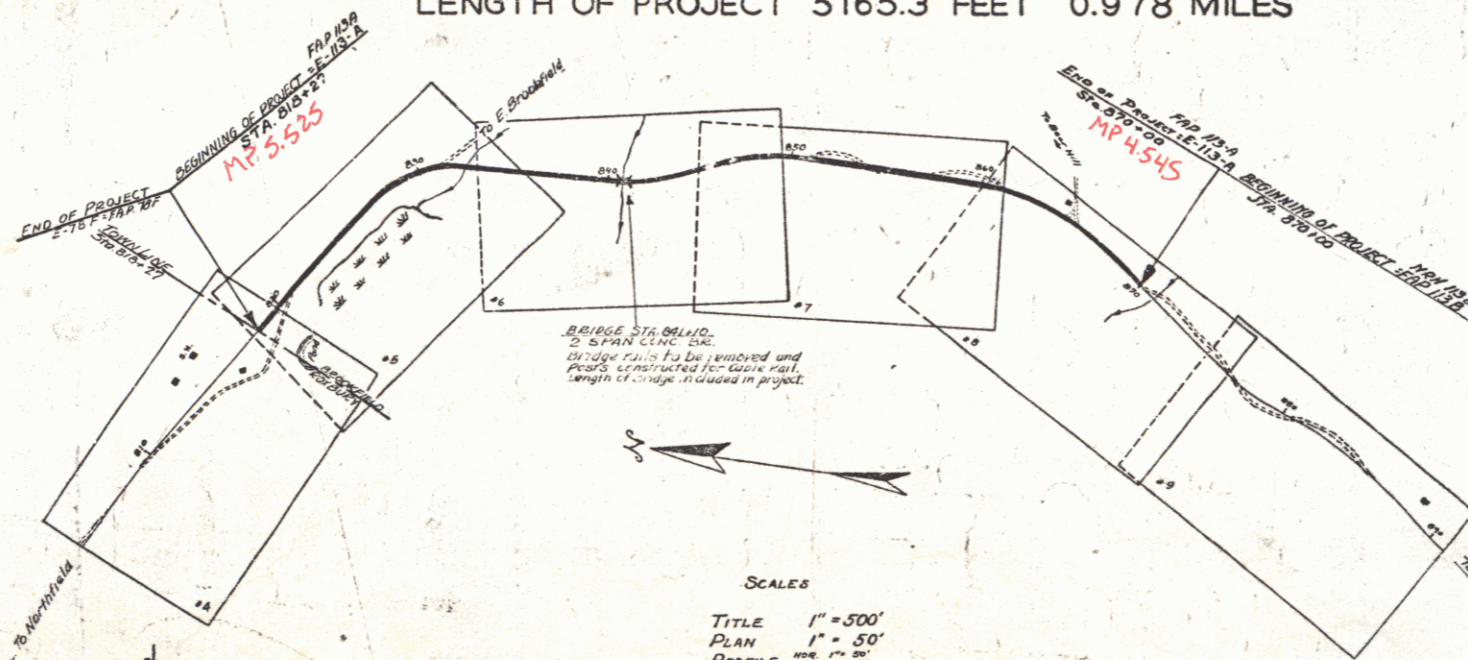
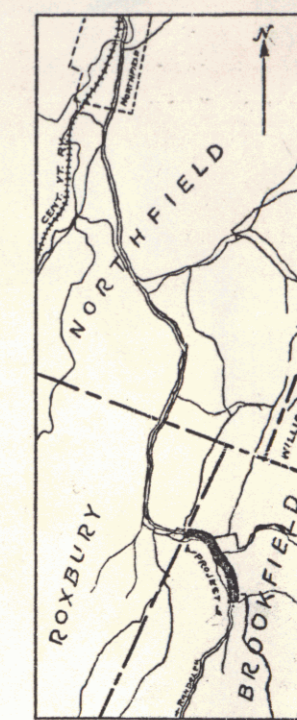
TOWN OF BROOKFIELD

Pin # 99R987

MONTPELIER-RANDOLPH ROAD

FROM THE ROXBURY - BROOKFIELD TOWN LINE SOUTHERLY  
TO 500 FEET SOUTH OF SIDE ROAD LEADING TO BEAR HILL

LENGTH OF PROJECT 5165.3 FEET 0.978 MILES



SCALES  
TITLE 1" = 500'  
PLAN 1" = 50'  
PROFILE 1" = 20'

RECORD PLANS

Project No. FAP 113A

LENGTH	YEAR 11
1000	
2000	
3000	
4000	
5000	
6000	
7000	
8000	
9000	
10000	

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.

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL

Row of VT-12  
(To Be Returned To R.O.W. Division)

APPROVED OCT. 6 1932 (APPL. 11336)

H. E. August  
COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

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 Standard Road and Bridge Specifications of 1930 including all subsequent approved revisions, and such revised specifications and special provisions as are submitted with the plans.

Note: The alignment and grades for this project are to be the same as on the original plans originally submitted for FAP E-113-A, except that the grade is raised 2 1/2 inches.

RECOMMENDED

RECOMMENDED FOR APPROVAL

APPROVED

CORRECT COPY 1133 4/11/33  
ROAD ENGINEER  
SERIES FAP NO. 113A FILED  
SHEET 1 OF 18

VT-12

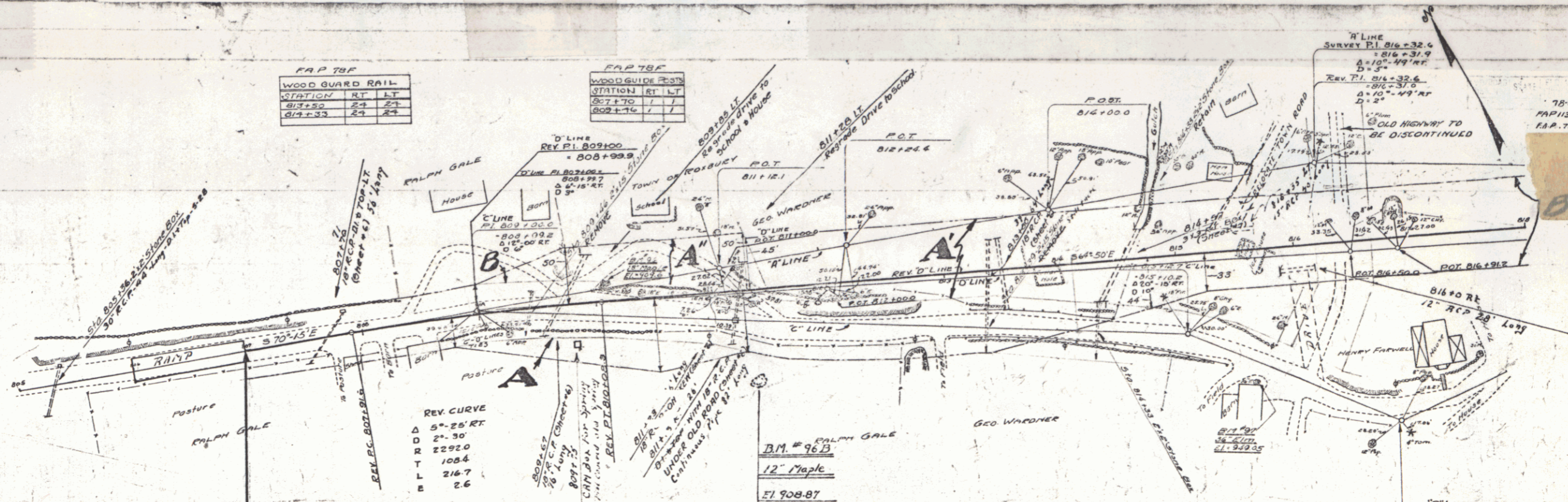
02/11/32 741 P.M.

02/11/32 checked m.

FAP 78F		
STATION	RT	LT
812.50	24	24
812.50	24	24

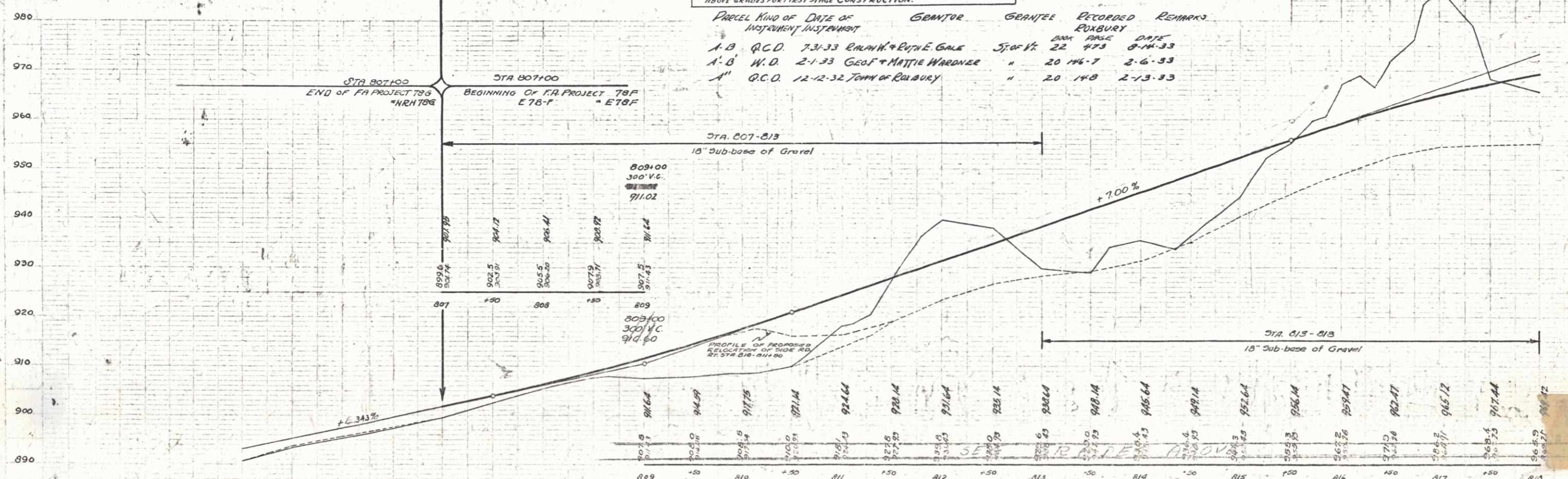
FAP 78F		
STATION	RT	LT
812.50	24	24
812.50	24	24

78F 1936 4 7  
 FAP 78F 1936 4 10  
 FAP 78F 1936 20 22



**NOTE**  
 SECOND STAGE CONSTRUCTION OF PROJ. 78-F IS TO INCLUDE CONSTRUCTION OF SURFACE COURSE, SHOULDERS, GUARD RAIL & GUIDE POSTS.  
 FIRST STAGE CONSTRUCTION (78-F) INCLUDED GRADING, SUBBASE AND CURVERTS CONSTRUCTED BY CONTRACT IN 1934.  
 GRADES FOR SECOND STAGE CONSTRUCTION OF 78-F ARE 2" INCHES ABOVE GRADES FOR FIRST STAGE CONSTRUCTION.

PARCEL	NO	DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B	Q.C.D.	7-31-33	BRANKIN & RUTH GALE	J.P. H.	22 473	8-14-33
A'-B'	W.D.	2-1-33	GEO. F. & MATTIE WARREN	"	20 146-7	2-6-33
A''	Q.C.D.	12-12-32	TOWN OF ROXBURY	"	20 148	2-13-33



D.M. # 96 SPIKE IN TRUNK OF 18" MAPLE, 1' LT OF STA 810+11, ELEV. 309.61  
 D.M. # 97 SPIKE IN ROOT OF 36" ELM, 15' RT OF STA 815+10 (C/LINE) ELEV. 349.05

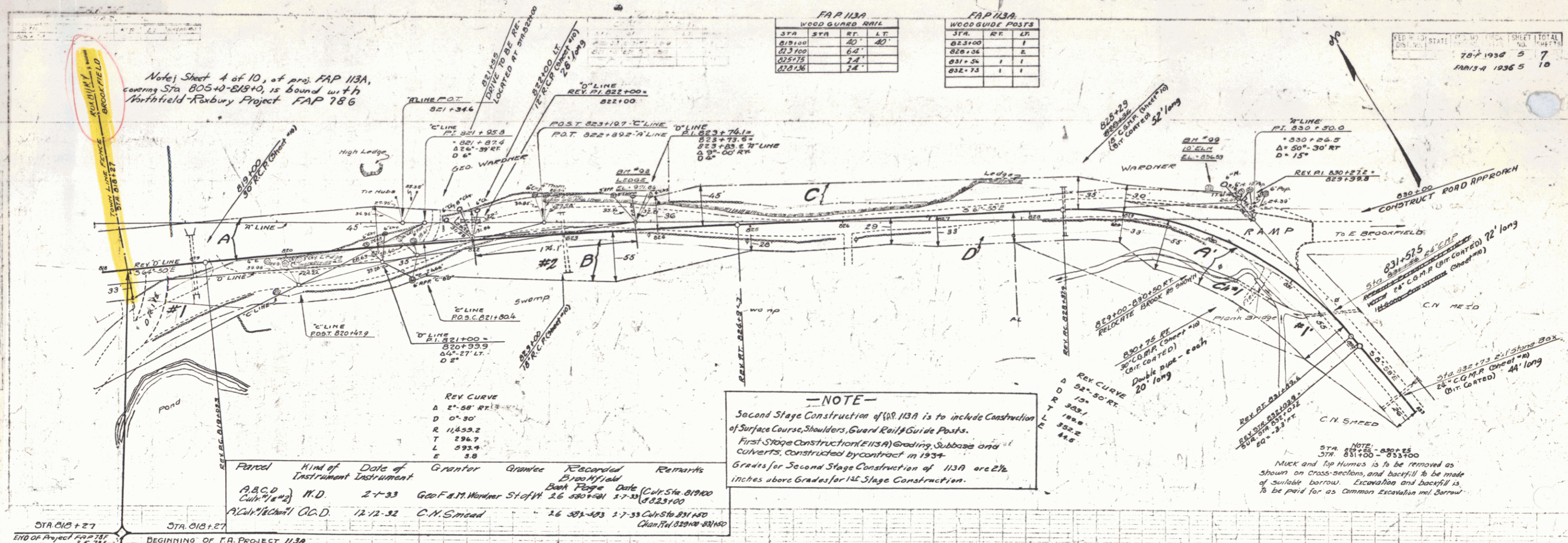
SERIES FAP No 78-G SHEET 20 OF 22  
 SERIES FAP No 113-A SHEET 4 OF 10  
 SERIES FAP 78-F SHEET 4 OF 7

REVISIONS  
 1. 10/1/36  
 2. 10/1/36

Note: Sheet 4 of 10, of Proj. FAP 113A, covering Sta 805+00-815+00, is bound with Northfield-Roxbury Project FAP 786

FAP 113A WOOD GUIDED RAIL				FAP 113A WOODGUIDE POSTS		
STA	STN	RT	LT	STA	RT	LT
819+00		40'	40'	823+00		
823+00		64'		823+06		
827+00		74'		827+06		
829+00		74'		827+06		

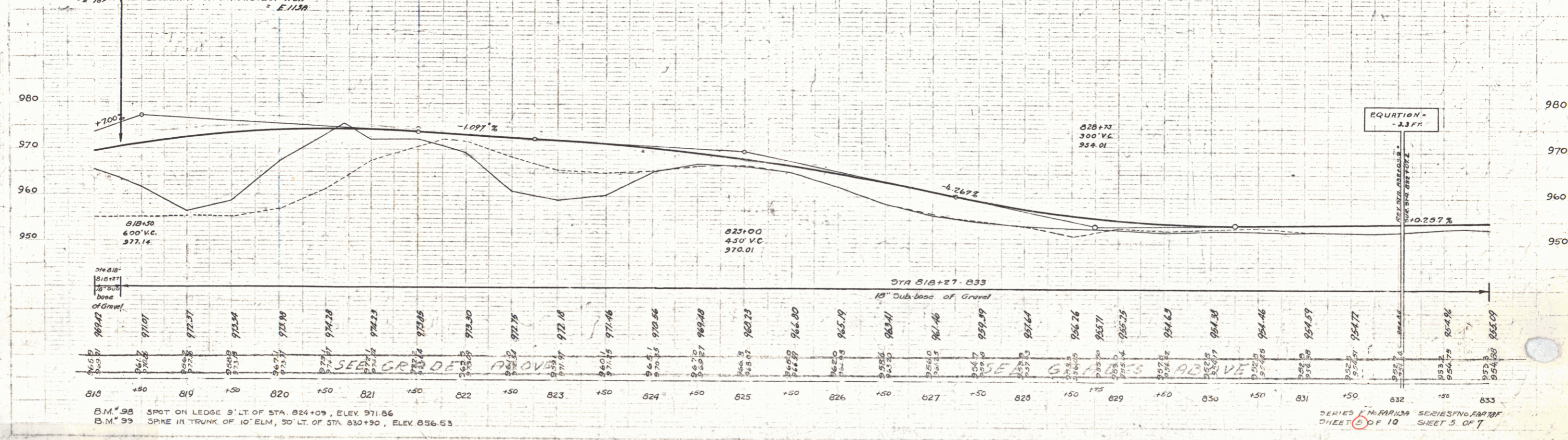
STATE OF MASSACHUSETTS  
 DIST. NO. 787  
 1936 5 7  
 FAP 113-A 1936 5 10



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page	Date	Remarks
A, B, C, D	W.D.	2-1-33	Geo. F. M. Warden	St. John	26	480+00-500	1-7-33 (Civ. Sta. 819+00)
A, C, D, E	O.C.D.	12-12-32	C. N. Smead	St. John	26	381+00-403	1-7-33 (Civ. Sta. 831+00)

**NOTE**  
 Second Stage Construction of 113A is to include Construction of Surface Course, Shoulders, Guard Rail & Guide Posts.  
 First Stage Construction (E 113A) Grading, Subbase and Culverts, constructed by contract in 1934.  
 Grades for Second Stage Construction of 113A are 2 1/2 inches above Grades for 1st Stage Construction.

NOTE - ABOVE STA 831+00 - 833+00  
 MUCK and Top Humus is to be removed as shown on cross-sections, and backfill to be made of suitable borrow. Excavation and backfill is to be paid for as Common Excavation and Borrow.



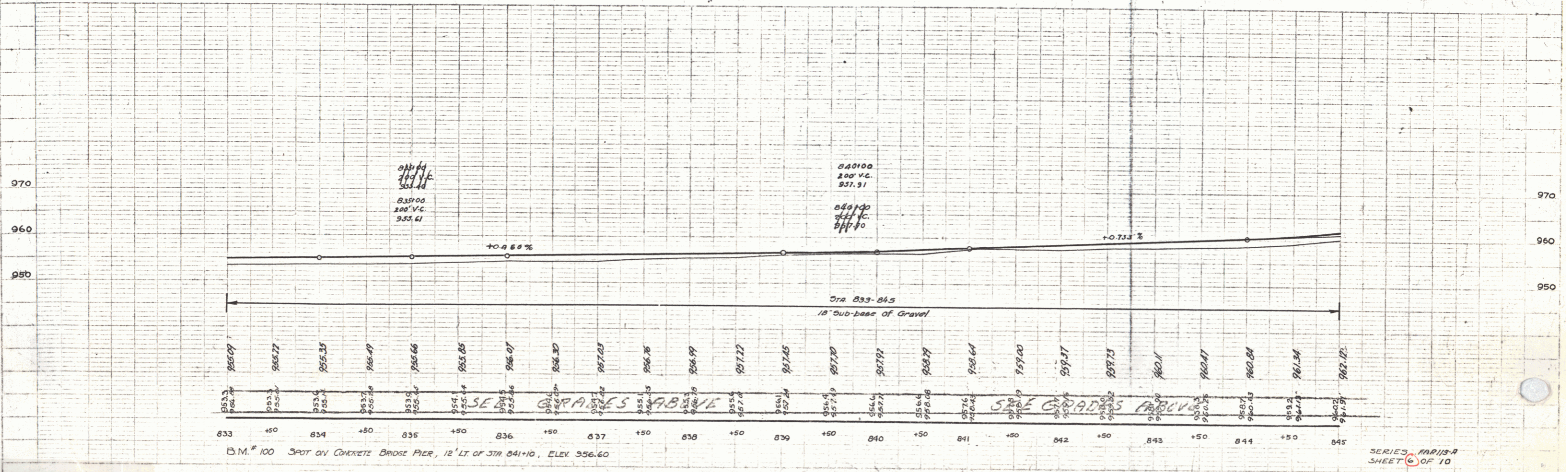
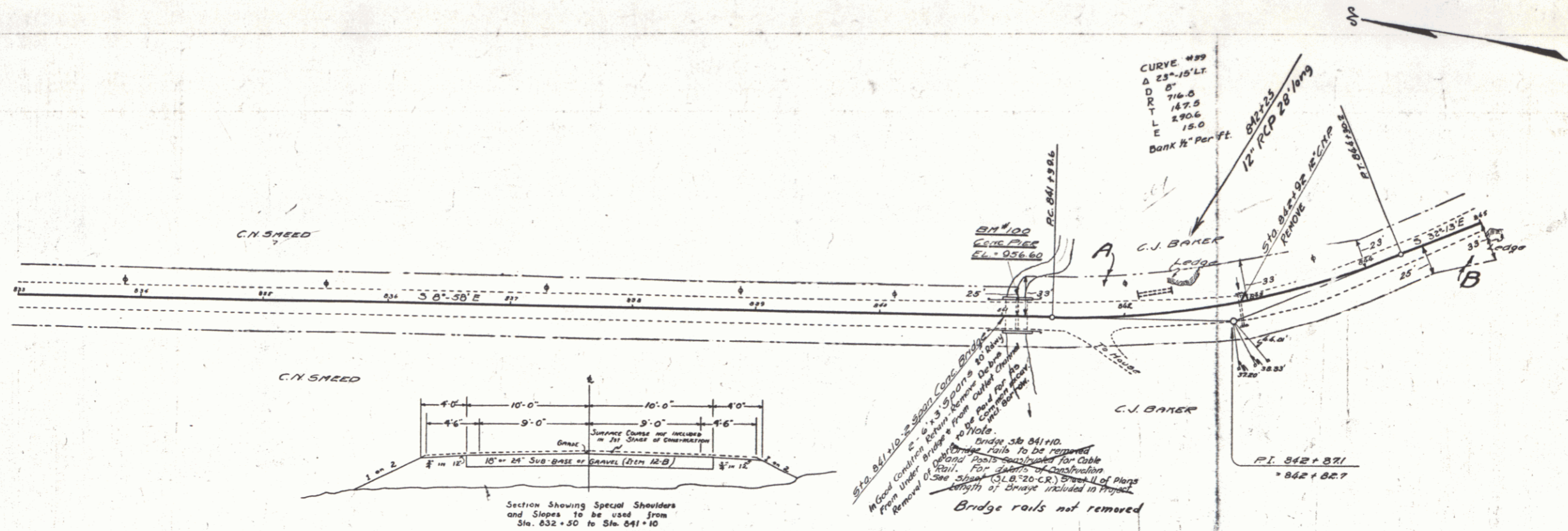
B.M. 95 SPOT ON LEDGE 9' LT. OF STA. 824+09, ELEV. 971.86  
 B.M. 93 SPIKE IN TRUNK OF 10" ELM, 50' LT. OF STA. 830+30, ELEV. 856.53

SERIES NO. 113A SERIES NO. 113A  
 SHEET 4 OF 10 SHEET 5 OF 7

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Book Page Date	Remarks
R 8 B	G.C.D.	2-1-33	C.J. Baker	St. of H. 26 578-579	2-7-33	

FAD 1139			
WOOD GUARD RAIL			
STA.	STA.	RT.	LT.
840+00	841+00	24	24
841+24	841+24	24	24

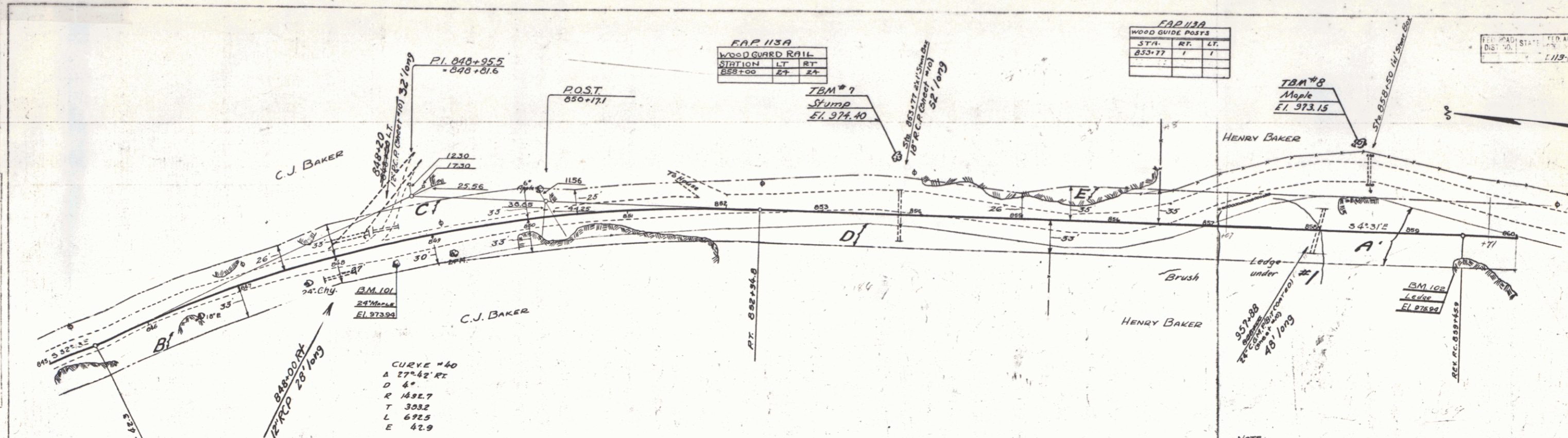
FED. ROAD STATE DIST. NO. FISCAL SHEET TOTAL SHEETS  
 1139-A 1936 6 10



PLAN  
 MUST BE READ IN CONNECTION WITH  
 NO. 1139-A

Edwin  
 Buckley

SERIES 1139-A  
 SHEET 6 OF 10



FAP 113A

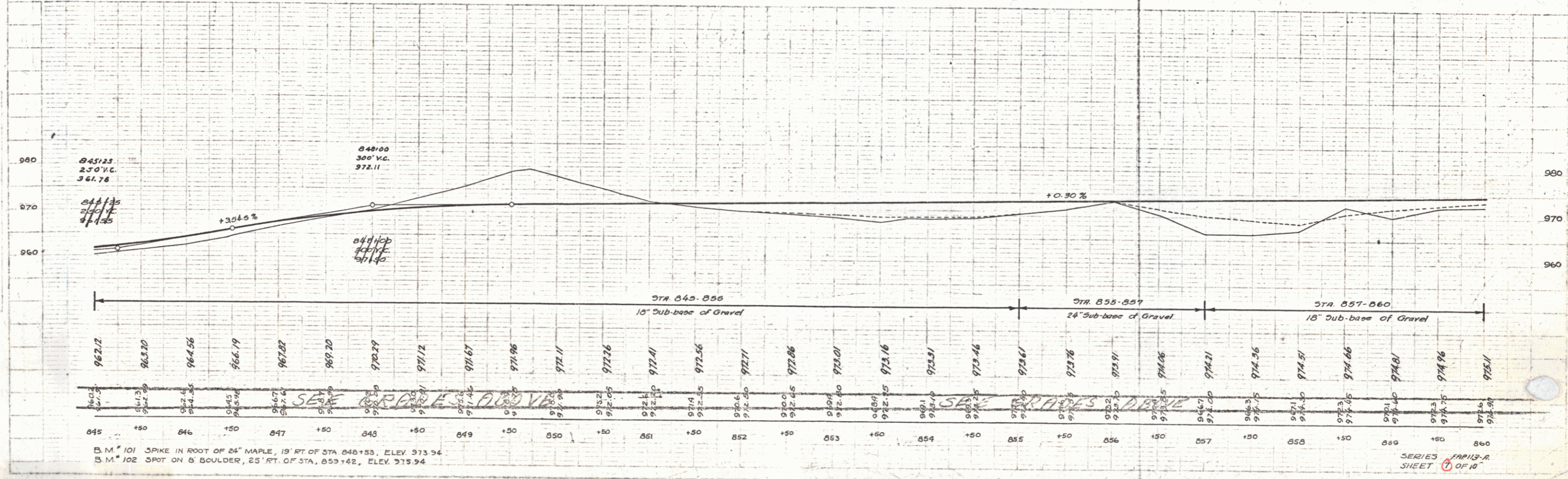
WOOD GUARD RAIL		
STATION	LT	RT
858+00	27	24

FAP 113A

WOOD GUIDE POSTS		
STA.	LT	RT
853+77	1	1

PLAN	STATE	FED. AD.	PROJ.	SHEET	TOTAL
1113-A	PA		1936	7	10

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
B.C.D.E.	G.C.D.	2-1-33	C. J. Baker	Stet. H. 24	528-9	2-7-30
A. & C. Baker	"	7-31-33	Henry G. Baker	"	26	526-7
						8-3-33 Cal. Sta. 858+00



SERIES 1113-A  
SHEET 7 OF 10

5

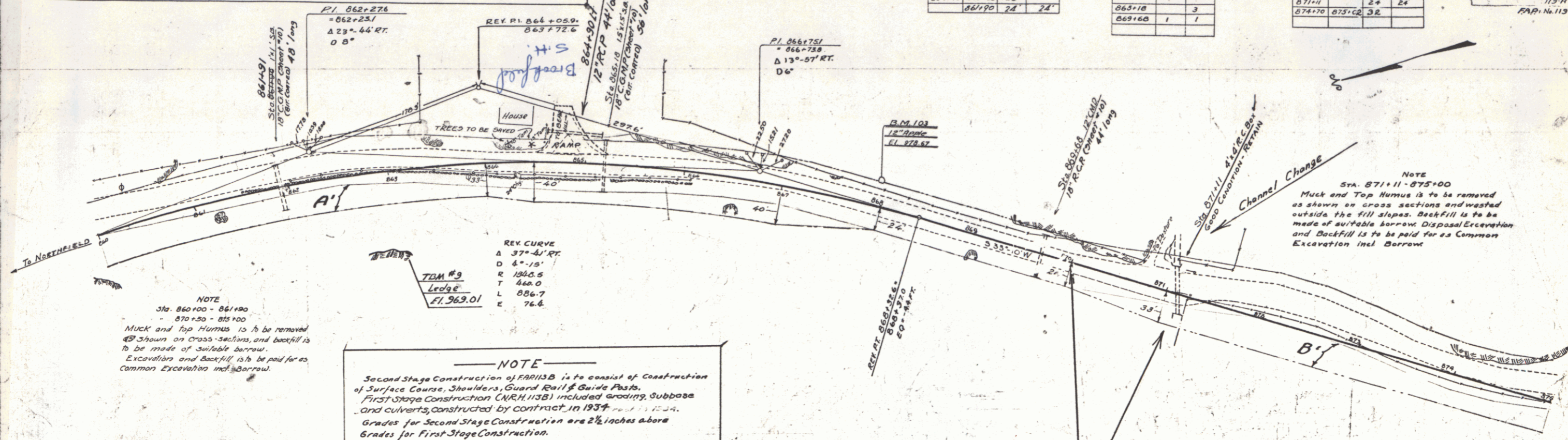
Parcel	Kind of Instrument	Date of Grant	Grantor	Grantee	Recorded Book Page	Recorded Date	Remarks
A & B	G.C.D.	7-31-33	Henry G. Baker	Staf	14, 36-7	8-3-34	

FAP 113-A			
STA	RT	LT	
864+00	865+00	728	
867+00	24'	24'	

FAP 113-B		
STA	RT	LT
865+10		3
869+00		1

FAP 113-C			
STA	RT	LT	
871+11		24	24
874+70	875+00	32	

FILE NO.	DATE	BY	SHEET NO.	TOTAL SHEETS
113-A	1936		9	10

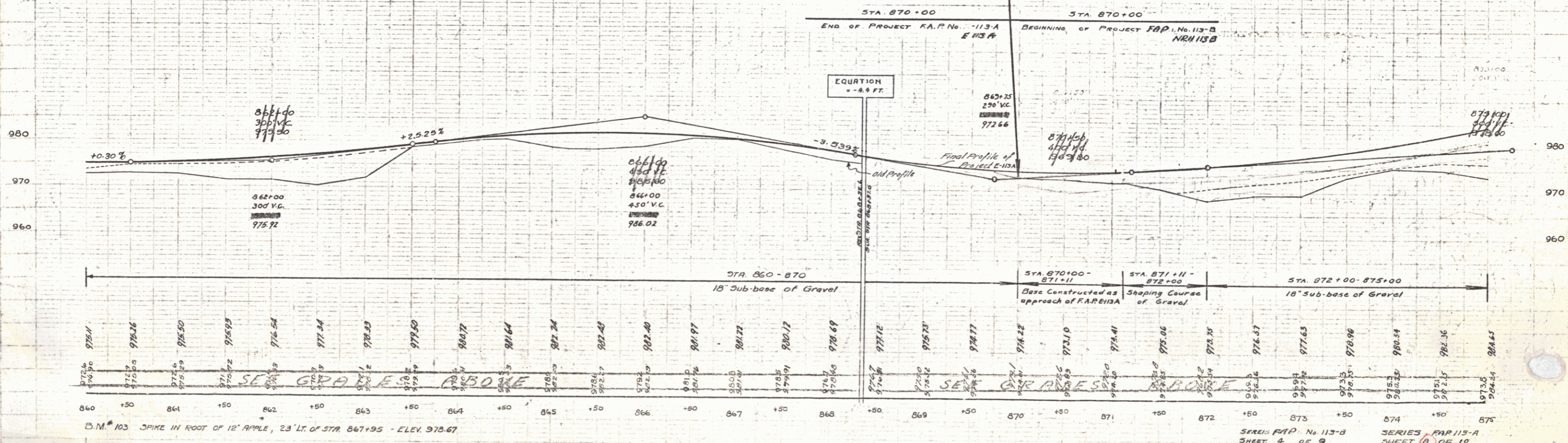


REV. CURVE  
 Δ 37°-41' RT.  
 D 4'-10"  
 R 1360.5  
 T 460.0  
 L 886.7  
 E 76.6

NOTE  
 Second Stage Construction of FAP 113-B is to consist of Construction of Surface Course, Shoulders, Guard Rail & Guide Posts.  
 First Stage Construction (NRH 113-B) included grading, Subbase and culverts, constructed by contract in 1934.  
 Grades for Second Stage Construction are 2" inches above Grades for First Stage Construction.

NOTE  
 Sta. 860+00 - 861+00  
 870+50 - 875+00  
 Muck and Top Humus is to be removed as shown on Cross Sections and backfill is to be made of suitable borrow.  
 Excavation and Backfill is to be paid for as Common Excavation incl Borrow.

Project E 113-A extended to Sta. 871+11



D.M. # 103 SPIKE IN ROOT OF 18' APPLE, 23' LT. OF STA 867+95 - ELEV. 975.67

SERIES FAP No. 113-B SHEET 4 OF 9  
 SERIES FAP 113-A SHEET 8 OF 10