

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT { 2 1/2" Gravel Mixed in Place Surface Course with Retired for Items 2, 3 & 4 }
" 3	Banking & Widening Table
4 - 13	Plan & Profile
14	Guard Rail & Guide Posts (S-30)
15	Barriercodes, Lights & Signs (S-40)

Standard Sheet S-30 Approved by the Chief Engineer on Aug. 15 1933

(To be Returned to R.O.W. Division)
Form of VT 15
REPERVAL
TOWN FILE
RIGHT-OF-WAY DIVISION

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

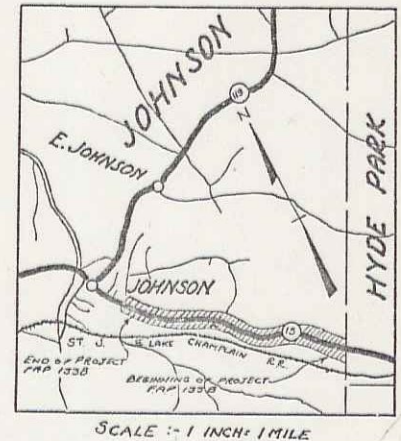
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

TOWN OF JOHNSON Pin# 007298
HYDE PARK-JOHNSON ROAD

FROM THE HYDE PARK-JOHNSON TOWN LINE WESTERLY,
2.150 MILES TO JOHNSON VILLAGE LIMITS.

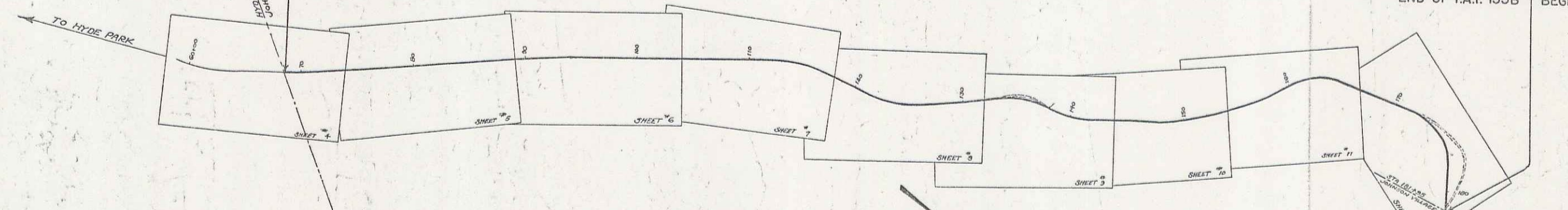
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	133-B	1936	7	15



STA. 68+50
BEGINNING OF F.A.P. 133B

LENGTH OF PROJECT 11,355.8 FT = 2.150 MI.

STA. 161+95
END OF F.A.P. 133B BEGINNING OF F.A.P. 139C



CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION
TOWN LINE	FENCE LINE
STONE WALL	UNFENCED PROPERTY
GUARD RAIL	TRAVELED WAY
RAILROAD	RETAINING WALL
CULVERT	DROP BRIDGE
WOLLEY POLE	POWER POLE
TELEPHONE POLE	TREES
HEDGE	

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.

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 revised specifications and special provisions as are submitted with the plans. The alignment and grades for this project are to be the same as on the original plans, originally submitted for N.R.H. 133-B.

SCALE
TITLE - 1" = 500'
PLAN - 1" = 50'
PROFILE (HOR.) - 1" = 50'
 (VERT) - 1" = 10'

MM
0470-0684
40

APPROVED: *[Signature]* 20 1935
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
APPROVED: _____
DIRECTOR BUREAU OF PUBLIC ROADS

CORRECT: *[Signature]* 20 1935
ROAD ENGINEER

SERIES F.A.P. NO. 133-B FILED
SHEET 1 OF 15

DIST. # 8 PLANS

F.A.P. 133-B
Wood Gravel Pkwy.

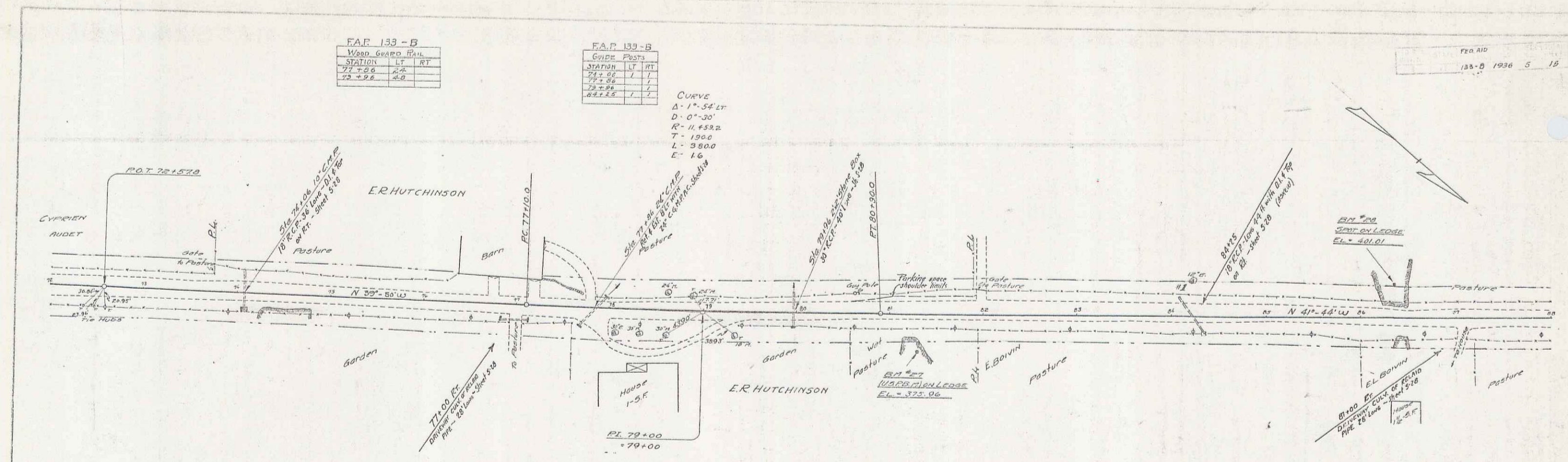
STATION	LT	RT
77+00	2.0	
78+00	2.0	

F.A.P. 133-B
GUIDE POSTS

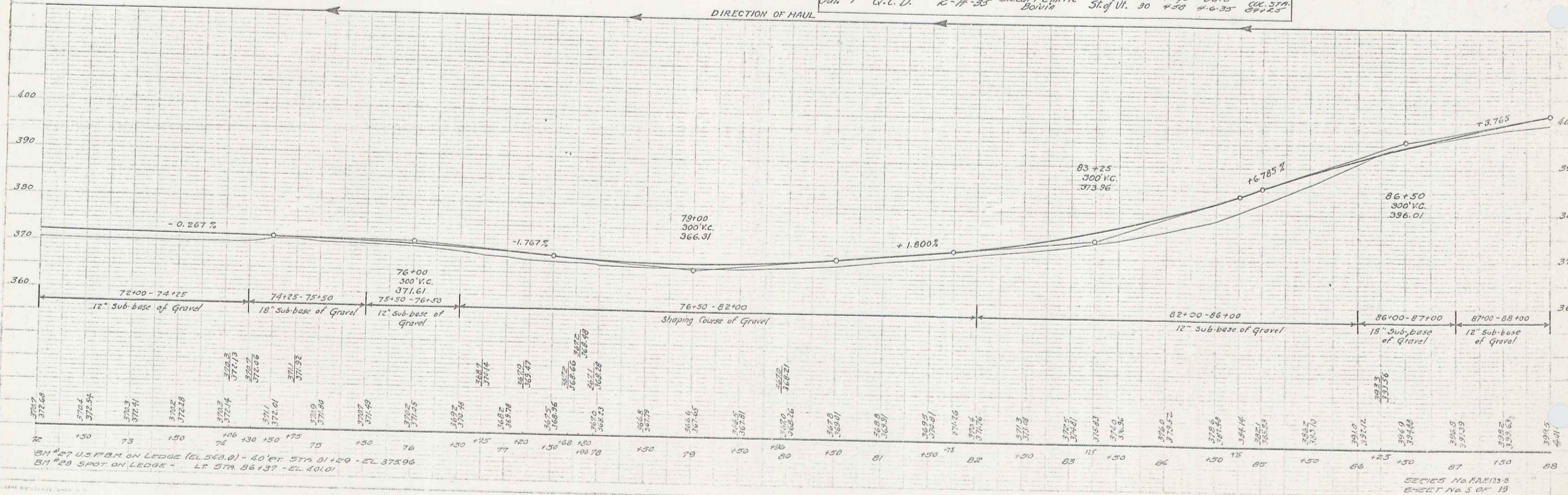
STATION	LT	RT
77+00	1	1
78+00	1	1
82+25	1	1

CURVE
 Δ - 1°-54' LT
 D - 0' - 30"
 R - 11,838.2
 T - 190.0
 L - 980.0
 E - 1.6

REC'D
 133-B 1936 5 18



Parcel	Kind of Instrument	Date of Grantor	Grantor	Grantee	Recorded	Remarks
Cul. #1	G.C.D.	2-14-25	Eleazar & Emilie Borvin	St. of Wl.	30	Book Page Date Ck. STA. 450 4-6-35 89+25



BM #27 U.S. F.B.M. ON LEDGE (EL. 563.0) - 40' P.K. STA. 81+20 - EL. 375.96
 BM #28 SPOT ON LEDGE - LT STA. 86+37 - EL. 401.01

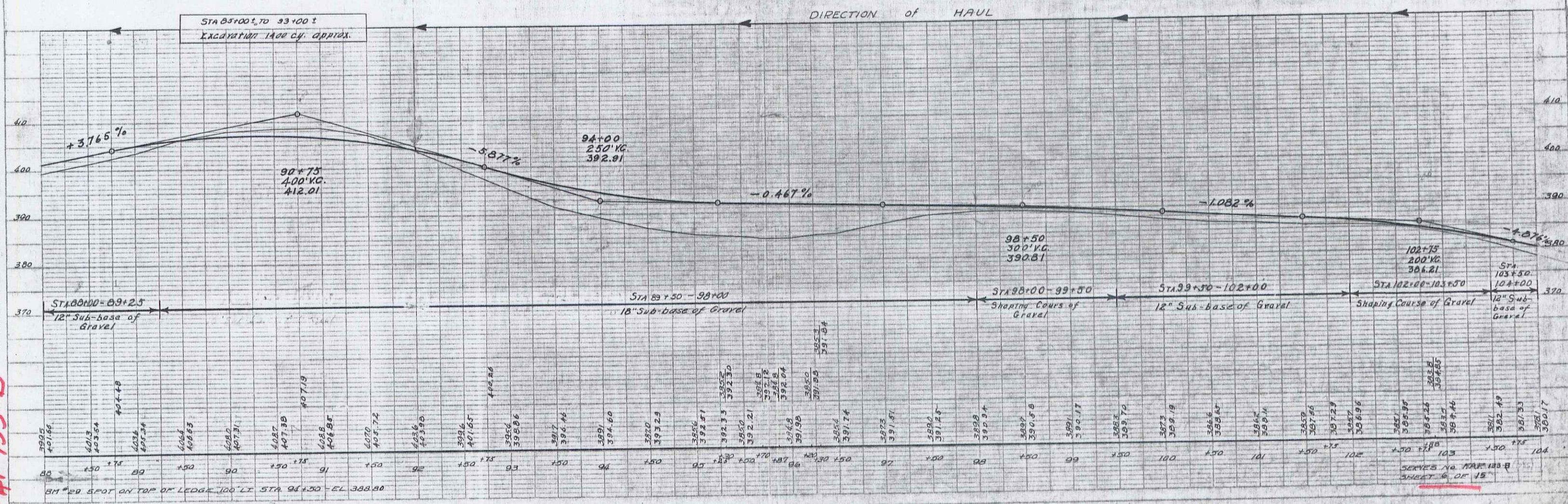
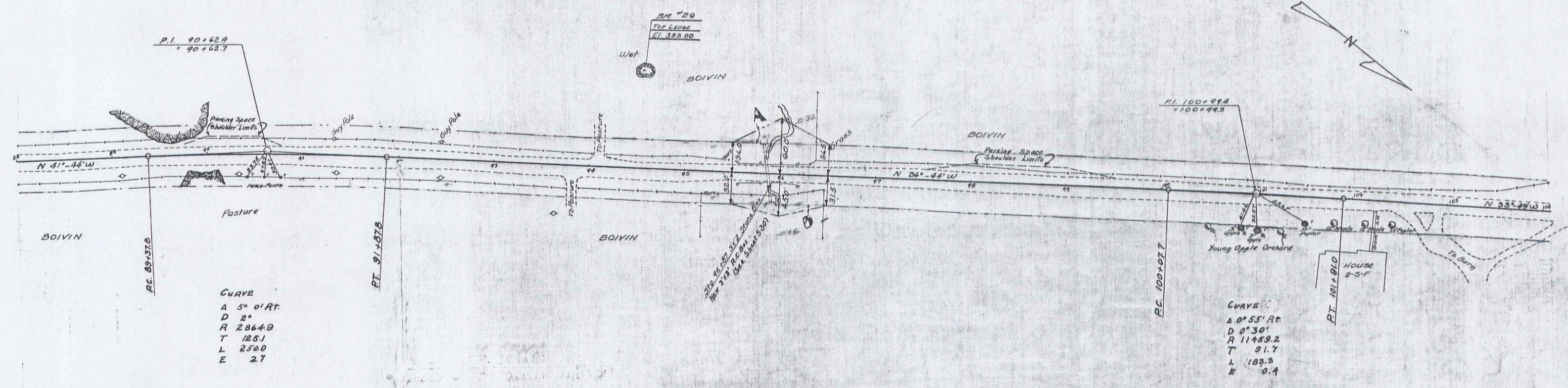
SERIES NA.F.A.P. 133-B
 SHEET No. 3 OF 15

Parcel kind of Date of Grantor Grantee Recorded Remarks
 Instrument Instrument Johnson
 A-B-C Q.C.D. R.H. 35 Elbert Emile Best Edge Oak
 Barvin Sta 30 450 4-6-35

FED. ROAD INST. NO.	STATE	FED. AID FUND NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	133-A	1936	6	15

FAP 133-B
WOOD GUARD RAIL

STATION TO STATION	LT	RT
93+00	34+50	126
94+00	26+00	200

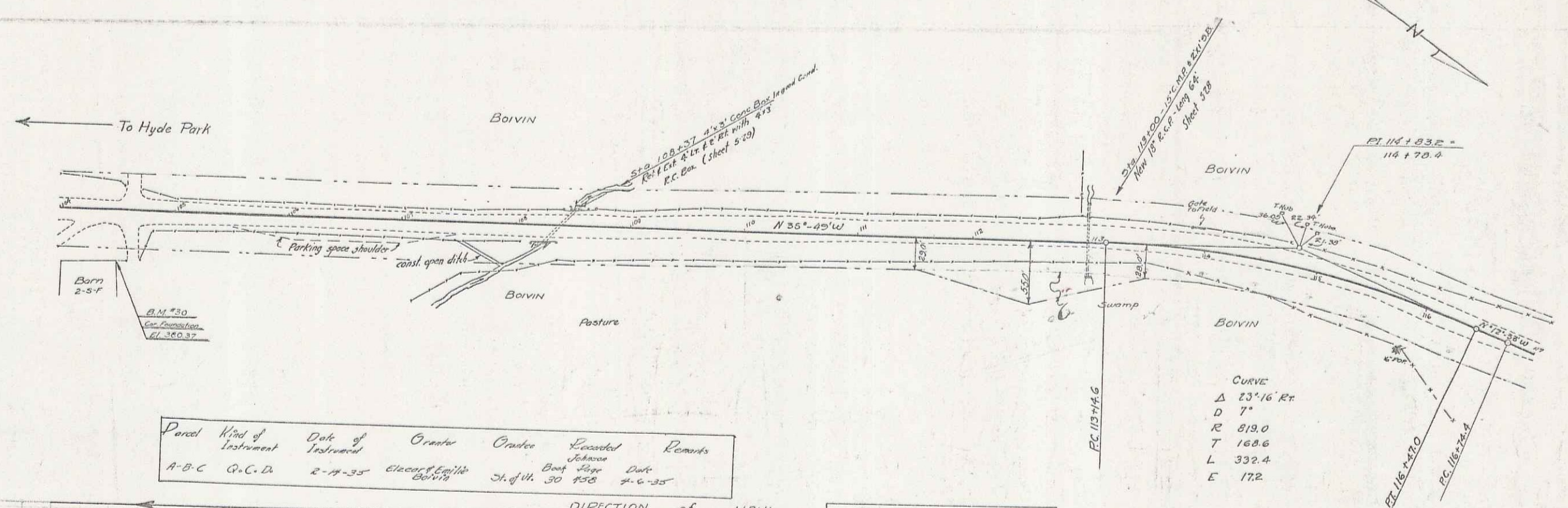


John son
FAP 133-B

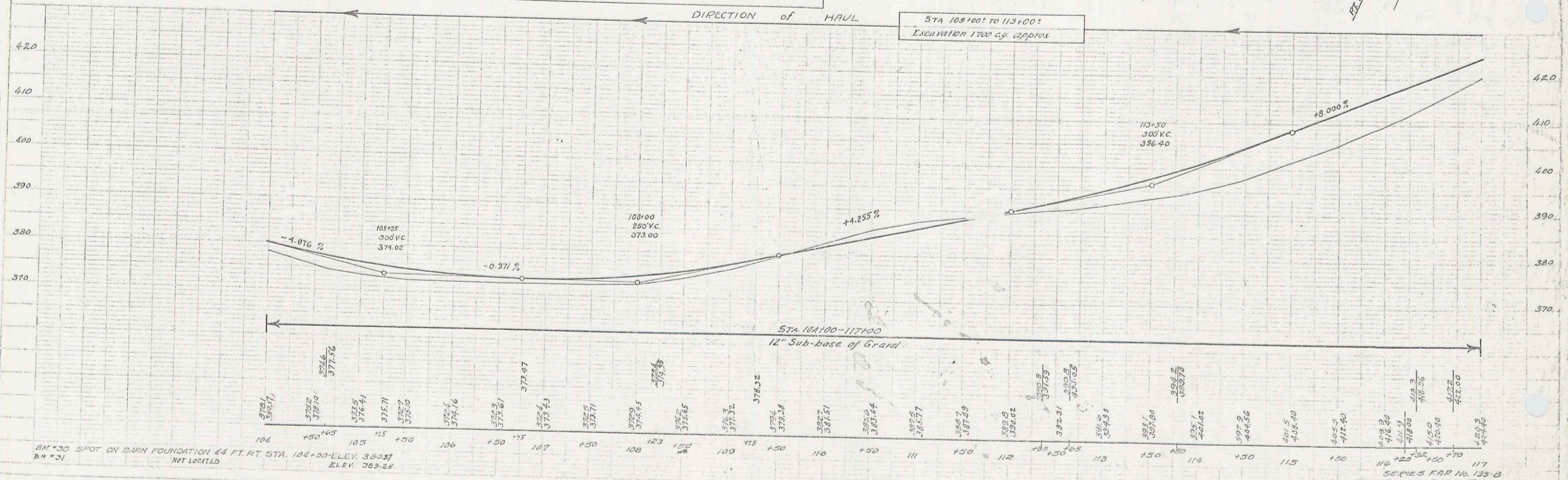
F.P. 133-B

Station	17	21
102+00	19	25
113+00	12	24

Fed. Aid
133-B 1936 7 15



Parcel	Kind of Instrument	Date of Instrument	Owner	Grades	Excavated	Remarks
A-B-C	Q.C.D.	2-14-35	Elect. Engr. Boivin	St. of W. 30' 190	Bank Slope	Date 2-6-35



SERIES F.P. No. 133-B
SHEET 7 OF 15

5

F.P. 133-B
CATTLE GUARD RAIL

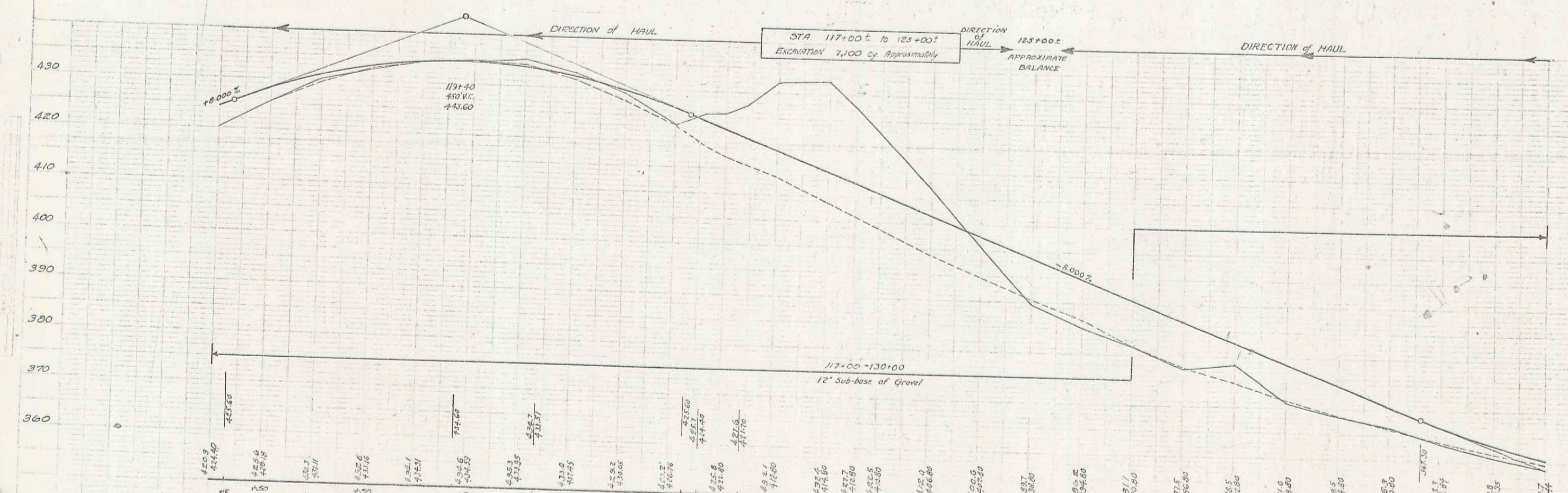
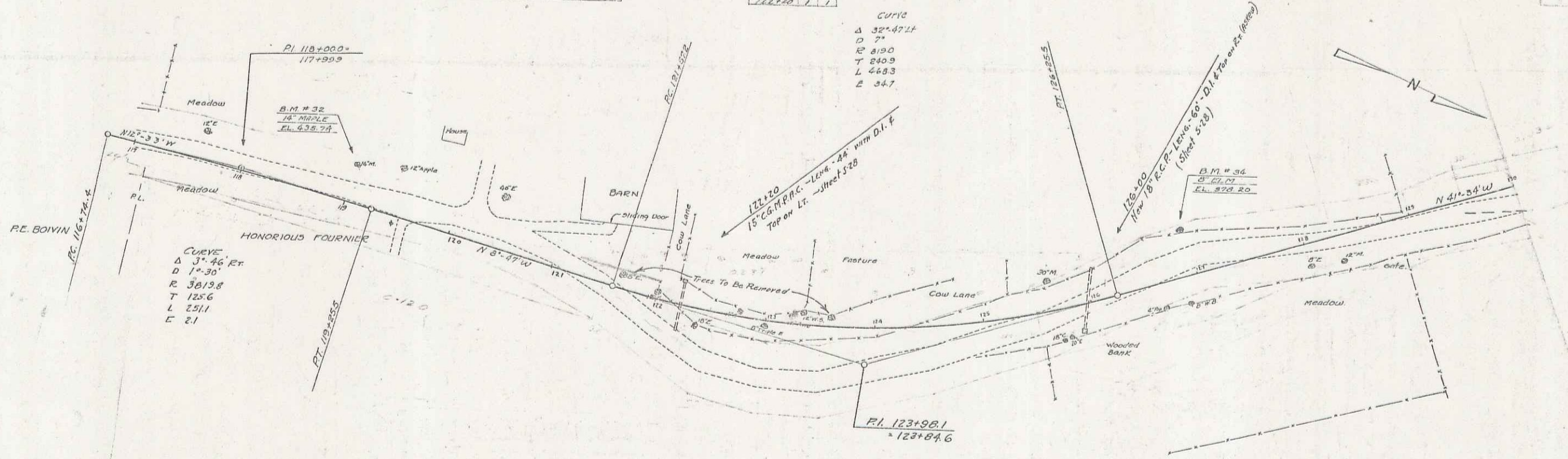
STATION	STATION	LT	RT	DI
123.56	126.12			281'

F.P. 133-B
GRADE POLY

STATION	LT	RT
123.56		
126.12		

CURVE
 Δ 32° 42' 12"
 D 27'
 R 819.0
 T 240.9
 L 469.3
 E 34.7

Ad. Inf
 133-B, 1936 8 16

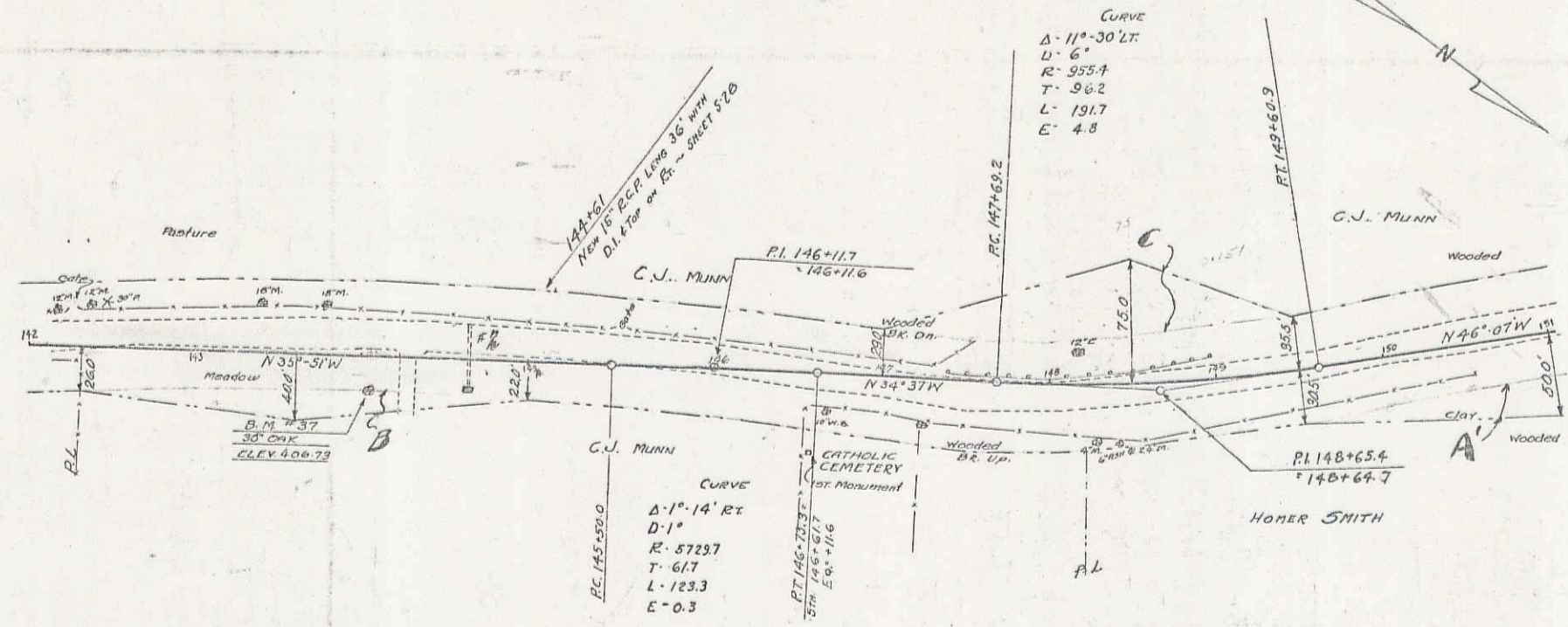


B.M. #32 - SPIKE IN TRUNK 14" MAPLE - 27' LT STA. 119102 - ELEV. 435.74
 B.M. #36 - " " " ROOT 8" ELM - 42' " " 120185 - ELEV. 378.20
 B.M. #33 - " " " TRUNK 8" W. Birch NOT LOCATED ELEV. 410.44

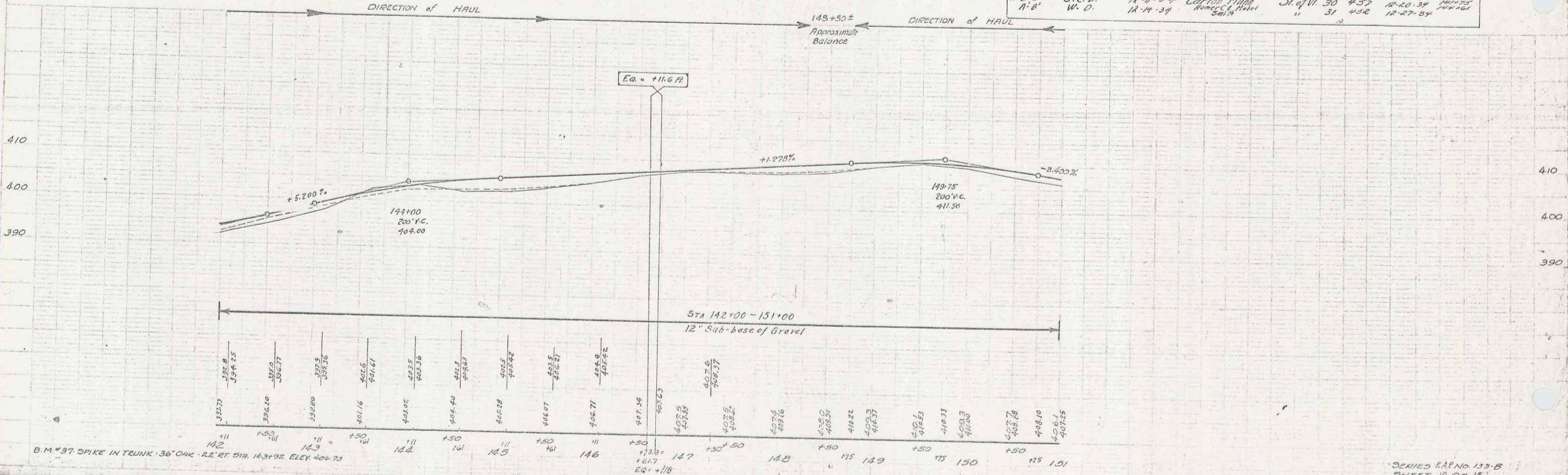
SERIES F.P. 133-B
 SHEET 5 OF 15

F.A.P. 133-B				
GADSDEN GUARD RAIL				
STATION TO STATION	LT	RT	ASCENT	
147+00	148+72	272	2	

FED AID
133-B 1036 10 13



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
147+00	A.B.	12-21-34	Carroll Munn	St. of W.	30	457 12-20-34
148+72	W.D.	12-24-34	Carroll Munn	St. of W.	31	458 12-27-34



B.M. #37, DIKE IN TUNK-36' CRK - 22' RT. STA. 143+92 ELEV. 408.73

SERIES F.A.P. NO. 133-B
SHEET 10 OF 14

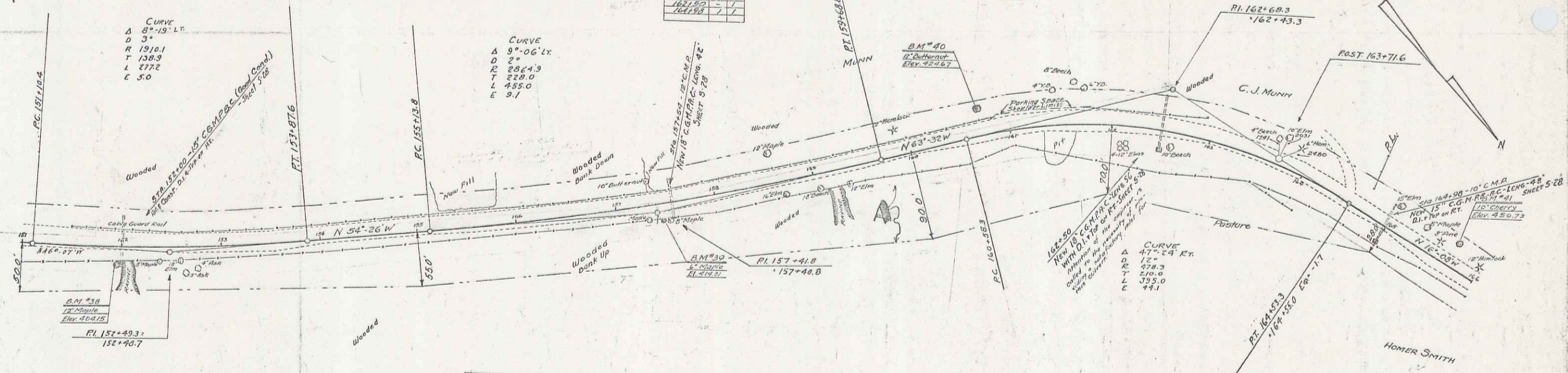
FAR 133-B
GRAND GRANT RAIL

STATION	STATION	LT	RT	REMARKS
18100	16300	1200		6

FAR 133-A
GUIDE POSTS

STATION	LT	RT
15110		
15115		
15120		
15125		
15130		
15135		
15140		
15145		
15150		
15155		
15160		
15165		
15170		
15175		
15180		
15185		
15190		
15195		
15200		
15205		
15210		
15215		
15220		
15225		
15230		
15235		
15240		
15245		
15250		
15255		
15260		
15265		
15270		
15275		
15280		
15285		
15290		
15295		
15300		
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15690		
15695		
15700		
15705		
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15755		
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15775		
15780		
15785		
15790		
15795		
15800		
15805		
15810		
15815		
15820		
15825		
15830		
15835		
15840		
15845		
15850		
15855		
15860		
15865		
15870		
15875		
15880		
15885		
15890		
15895		
15900		
15905		
15910		
15915		
15920		
15925		
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15985		
15990		
15995		
16000		

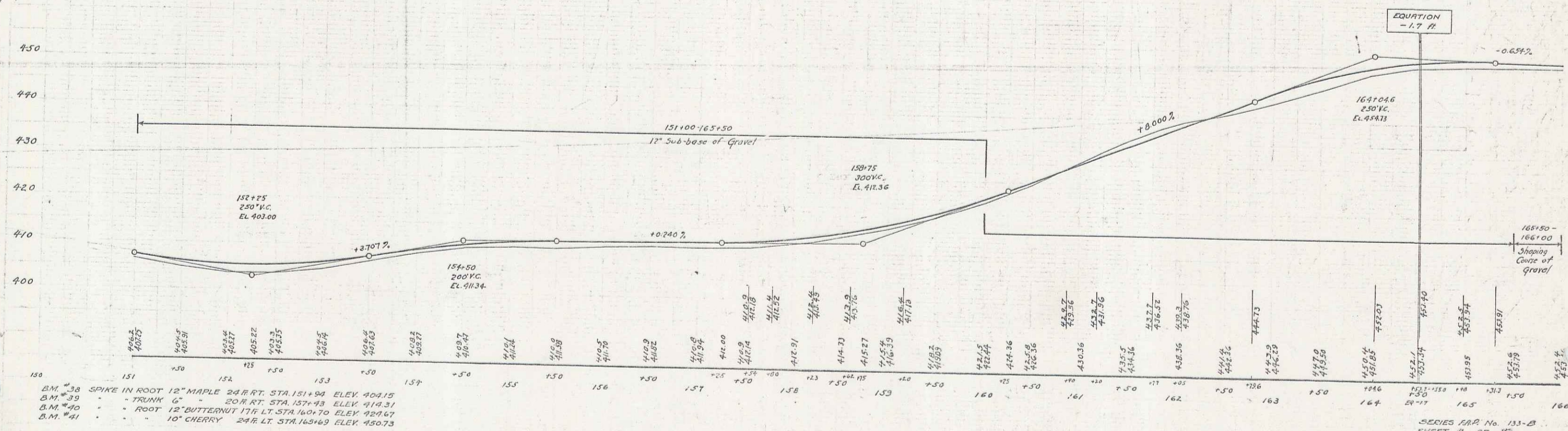
STATE ROAD STATE ROAD SHEET LOCAL
133-B 1936 11 15



Parcel Map of Date of Greater Grant Recorded Remarks
Instrument Instrument
A-B W.D. 12-14-24 Homer C. & Helen C. Smith 31 of 31 4-52 12-27-28

DIRECTION OF HAUL

STA 150+00± to 165+00±
EXCAVATION 8,000 cu. Approx. Imbably



BM #38 SPIKE IN ROOT 12" MAPLE 24 R.T. STA. 151+94 ELEV. 404.15
BM #39 " " TRUNK " " 20 R.T. STA. 157+93 ELEV. 414.31
BM #40 " " ROOT 12" BUTTERNUT 17 R.LT. STA. 160+70 ELEV. 429.67
BM #41 " " 10" CHERRY 24 R.LT. STA. 163+69 ELEV. 450.73

SERIES FAR No. 133-B
SHEET 11 OF 15

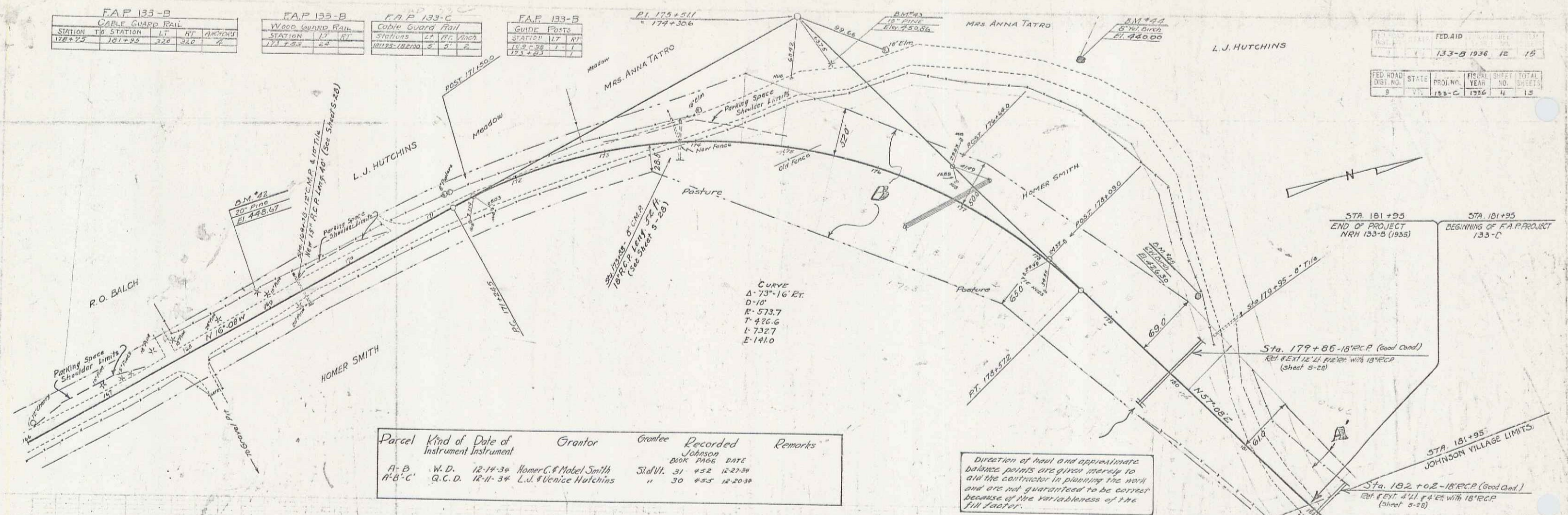
F.A.P. 133-B			
CABLE GUARD RAIL			
STATION	TO STATION	LT.	RT.
176+25	181+25	342	342

F.A.P. 133-B			
WOOD GUARD RAIL			
STATION	TO STATION	LT.	RT.
174+25	177+00	24	24

F.A.P. 133-C			
CABLE GUARD RAIL			
STATIONS	TO STATIONS	LT.	RT.
177+00	177+00	0	0

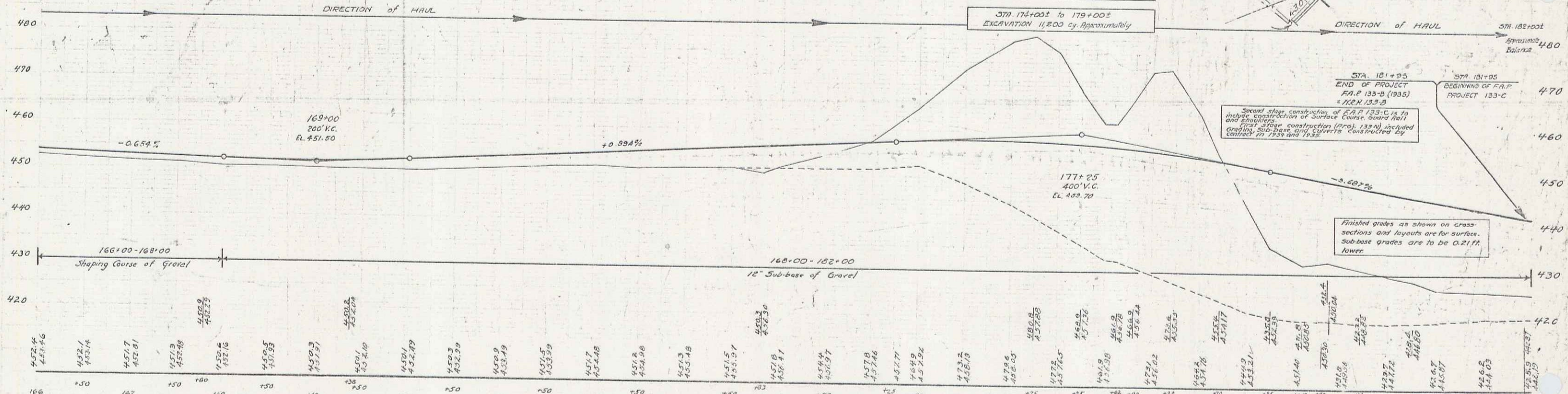
F.A.P. 133-B			
GUIDE POSTS			
STATION	TO STATION	LT.	RT.
173+25	173+25	1	1

FED. AID	133-B	1936	12	15
PROJ. NO.	133-C	1936	4	15
SHEET NO.	12	OF	15	



Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded	Remarks
A-B	W.D.	12-14-30	Homer C. & Mabel Smith	StalW. 31	452	12-27-34
A-B-C	Q.C.D.	12-11-34	L.J. & Venice Hutchins	"	30	453 12-20-38

Direction of haul and approximate balance points are given merely for aid the contractor in planning the work and are not guaranteed to be correct because of the variability of the fill factor.



Second stage construction of F.A.P. 133-C is to include construction of Surface Course Guard Rail and first stage construction (proj. 133-A) included grading sub-base and curbs constructed by contract in 1934 and 1935.

Finished grades as shown on cross-sections and layouts are for surface. Sub-base grades are to be 0.21 ft. lower.

Station	Elevation	Station	Elevation	Station	Elevation
166+00	452.46	171+00	453.59	176+00	452.42
167+00	452.14	172+00	453.48	177+00	452.97
168+00	452.81	173+00	453.98	178+00	452.62
169+00	452.49	174+00	454.48	179+00	452.26
170+00	452.16	175+00	454.98	180+00	451.91
171+00	451.83	176+00	455.48	181+00	451.56
172+00	451.50	177+00	455.98	182+00	451.21
173+00	451.17	178+00	456.48		
174+00	450.84	179+00	456.98		
175+00	450.51	180+00	457.48		
176+00	450.18	181+00	457.98		
177+00	449.85	182+00	458.48		
178+00	449.52				
179+00	449.19				
180+00	448.86				
181+00	448.53				
182+00	448.20				

B.M. #42 SPIKE IN ROOT 20" PINE 24 FT. LT. STA. 168+04 ELEV. 448.47
 B.M. #43 " " " 15" PINE 95 FT. LT. " 175+30 ELEV. 450.66
 B.M. #44 " TRUNK 8" Y. BIRCH 195 FT. LT. " 177+30 ELEV. 450.00
 B.M. #45 " ROOT 6" W. BIRCH 85 FT. LT. " 179+30 ELEV. 426.30

SERIES F.A.P. No. 133-B
 SHEET 12 OF 15
 SHEET 12 OF 15
 SHEET 12 OF 15

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT
" 3	BANKING AND WIDENING TABLES
" 4-5	PLAN AND PROFILE SHEETS
" 6	STANDARD SHEET 530; GUARD RAIL
" 7	" 540; BARRICADES, SIGNS & LIGHTS
" 8-11	CROSS SECTIONS

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

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

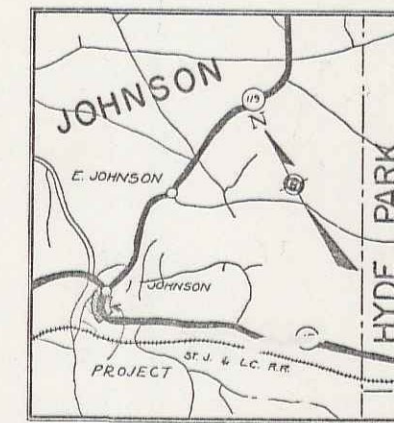
FEDERAL AID PROJECT

TOWN OF JOHNSON
HYDE PARK-JOHNSON ROAD

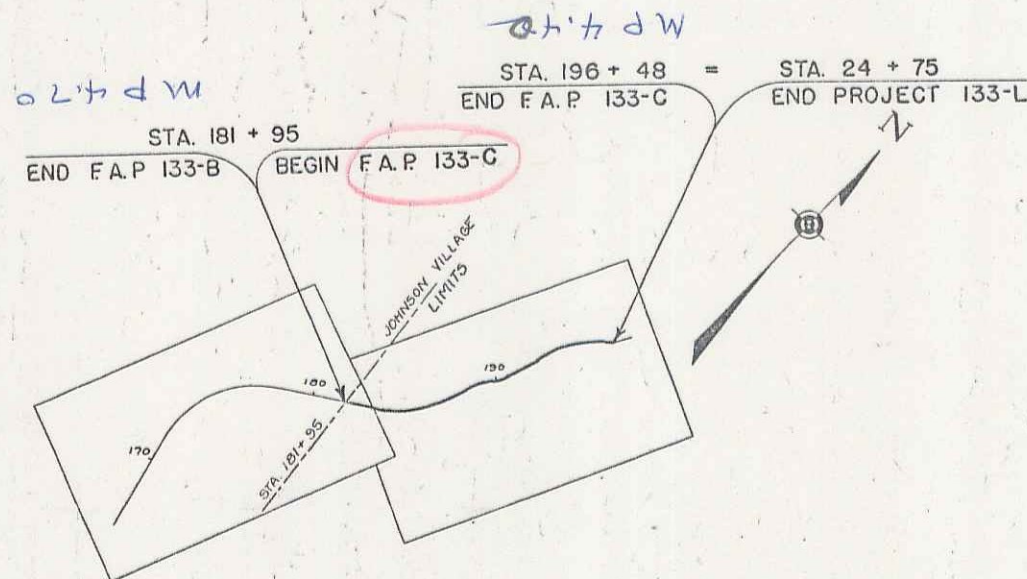
FROM THE JOHNSON VILLAGE LIMITS EASTERLY
0.275 MILES TO THE CONCRETE PAVEMENT.

LENGTH OF PROJECT 1454.7 FT. = 0.275 MILES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	133 C	1936	1	11



(To Be Returned to R.O.W. Division)
Form of V-15
PERMANENT
TOWN FILE
RIGHT-OF-WAY DIVISION



CONVENTIONAL SIGNS

COUNTY LINE	_____
TOWN LINE	_____
STONE WALL	_____
UNFENCED PROPERTY	_____
GUARD RAIL	_____
TRAVELED WAY	_____
RAILROAD	_____
RETAINING WALL	_____
CENTER LINE	_____
SURVEY LINE	_____
CULVERT	_____
DRAIN INLET	_____
TROUBLEY POLE	_____
POWER POLE	_____
TELEPHONE POLE	_____
TRUSS	_____
WIND	_____

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" = 500'
TYPICAL	1" = 20'
PLAN	1" = 50'
PROFILE HOR.	1" = 50'
PROFILE VER.	1" = 10'

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 1930 including all subsequent approved revisions and such revised specifications as are submitted with the plans.

MM 0442 20470

APPROVED: August 1, 1935
H. S. August
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

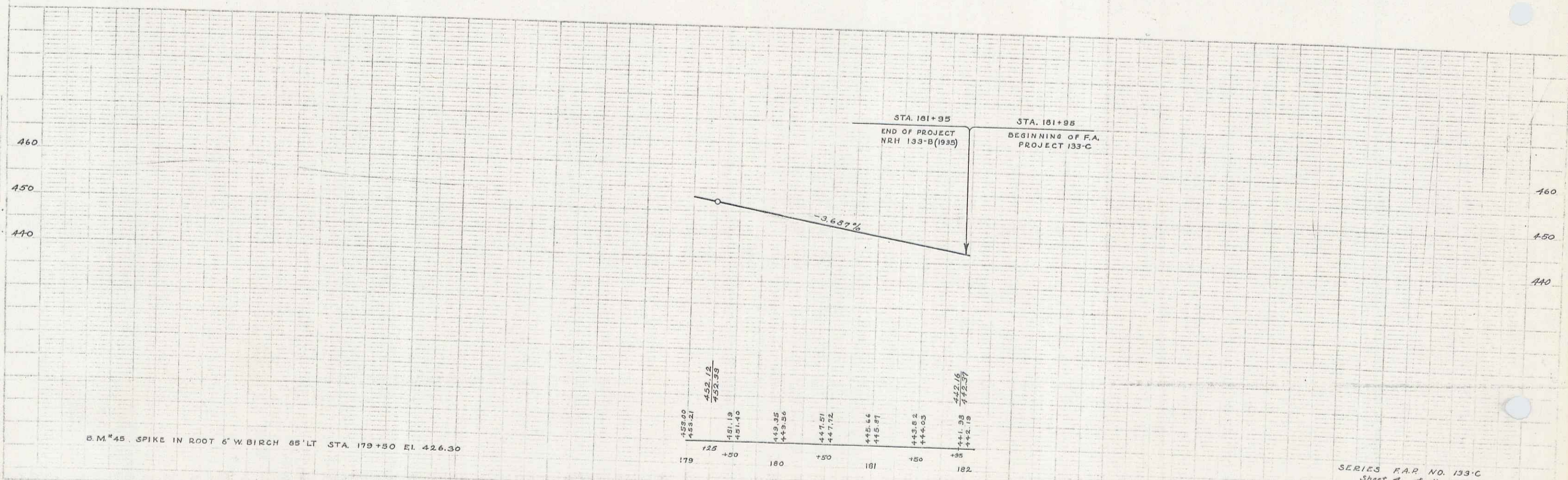
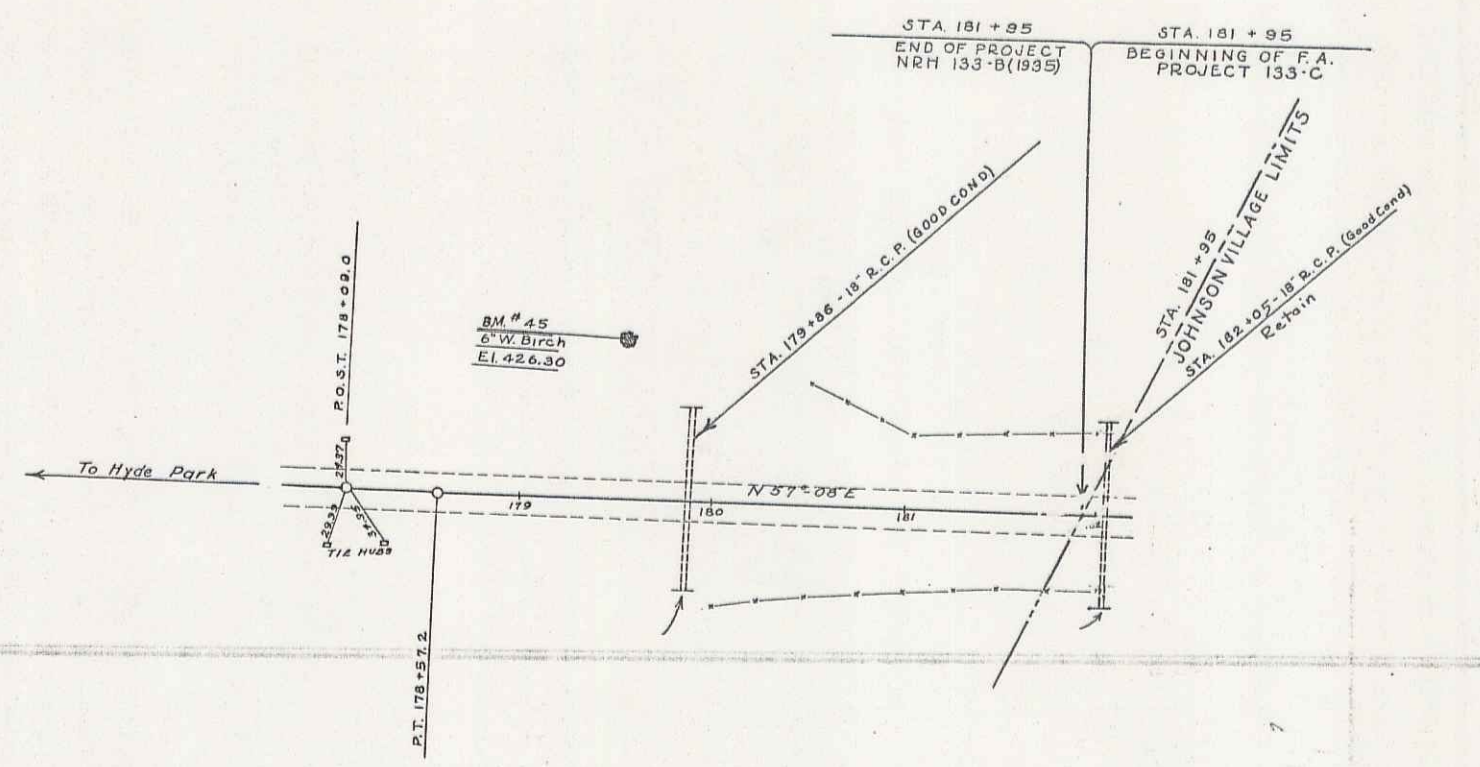
RECOMMENDED _____
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
RECOMMENDED FOR APPROVAL _____
CHIEF ENGINEER BUREAU OF PUBLIC ROADS
APPROVED _____
DIRECTOR - BUREAU OF PUBLIC ROADS

CORRECT: August 1, 1935
ROAD ENGINEER
SERIES F No 133 C FILED
SHEET 1 OF 11

C1 12
DIST. # 8 PLANS

TRACED BY J. H. SPEAR
 DATE 10/15/35

WOODMAN
 1/12/35



B.M. 45. SPIKE IN ROOT 6" W BIRCH 65' LT STA. 179+50 EL. 426.30

SERIES P.A. NO. 133-C
 Sheet 4 of 11

C4

13

