

INDEX OF SHEETS	
SHEET NO.	TITLE PAGE
1	2-20 TYPICAL CROSS-SECTION OF IMPROVEMENT
2	3 BANKING AND WIDENING TABLES
3	4-17 PLAN AND PROFILE SHEETS
4	18 DETAIL OF SPECIAL C&P INLET
5	19 " " CONCRETE C&P AROUND D&P INLET
6	20 " " 4' x 6' R.C. BOX STA 464 + 25
7	21 " " 4' x 6' R.C. BOX STA 490 + 31
8	22 SUPERSTRUCTURE SIB24-45 SKEW (USE 3-84 SPAND)
9	23 ABUTMENT DETAILS
10	24 PIER DETAILS
11	25 C&P GUARD RAIL SB NO. 50
12	26 SB NO. 20, DETAILS 5103, 5107, 5109, 5112 & GENERAL NOTES
13	27 STANDARD STRUCTURE SHEET 329, PIPE CULVERTS
14	28 " " " 329, BOX
15	29 " " " 330, GUARD RAIL
16	30 " " " 331, BOUNDARY MARKERS
17	31 " " " 335, CONCRETE CRIBBING
18	32 " " " 340, BARRICADES, SIGNS & LIGHTS
19	33-130 CROSS-SECTION SHEETS

Standard Structure Sheets approved by the Chief Engineer

528 July 11, 1933
529 July 11, 1933
530 Aug 15, 1934
531 July 25, 1934

(To Be Returned to E.O.W. Division)

VT 107

RECEIVED
FILE
DIVISION

STATE OF VERMONT STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT

TOWN OF STOCKBRIDGE

BETHEL - RUTLAND ROAD

BEGINNING AT A POINT 0.523 MILES FROM THE WEST END OF STONEY BROOK BRIDGE AND EXTENDING WESTERLY 3.316 MILES TO A POINT 1.277 MILES EAST OF THE STOCKBRIDGE - PITTSFIELD TOWN LINE.

LENGTH OF ROADWAY 17,257.9 FT. = 3.268 MILES
LENGTH OF BRIDGE 252.0 FT. = 0.048 MILES
TOTAL LENGTH OF PROJECT 17,509.9 FT. = 3.316 MILES

Project FAP 223
Pin # 00R006
Route VT107
Date 6/7/1937

APPROVED: June 10, 1937
H.E. Sargent
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

COUNTY LINE
TOWN LINE
FENCE LINE
STONE WALL
UNPAVED PROPERTY
GUARD RAIL
TRAVELED WAY
RAILROAD
RETAINING WALL
TERRACE LINE
CULVERT
DRAINAGE
KEY POLE
HIGH POLE
TREES
HEDGE

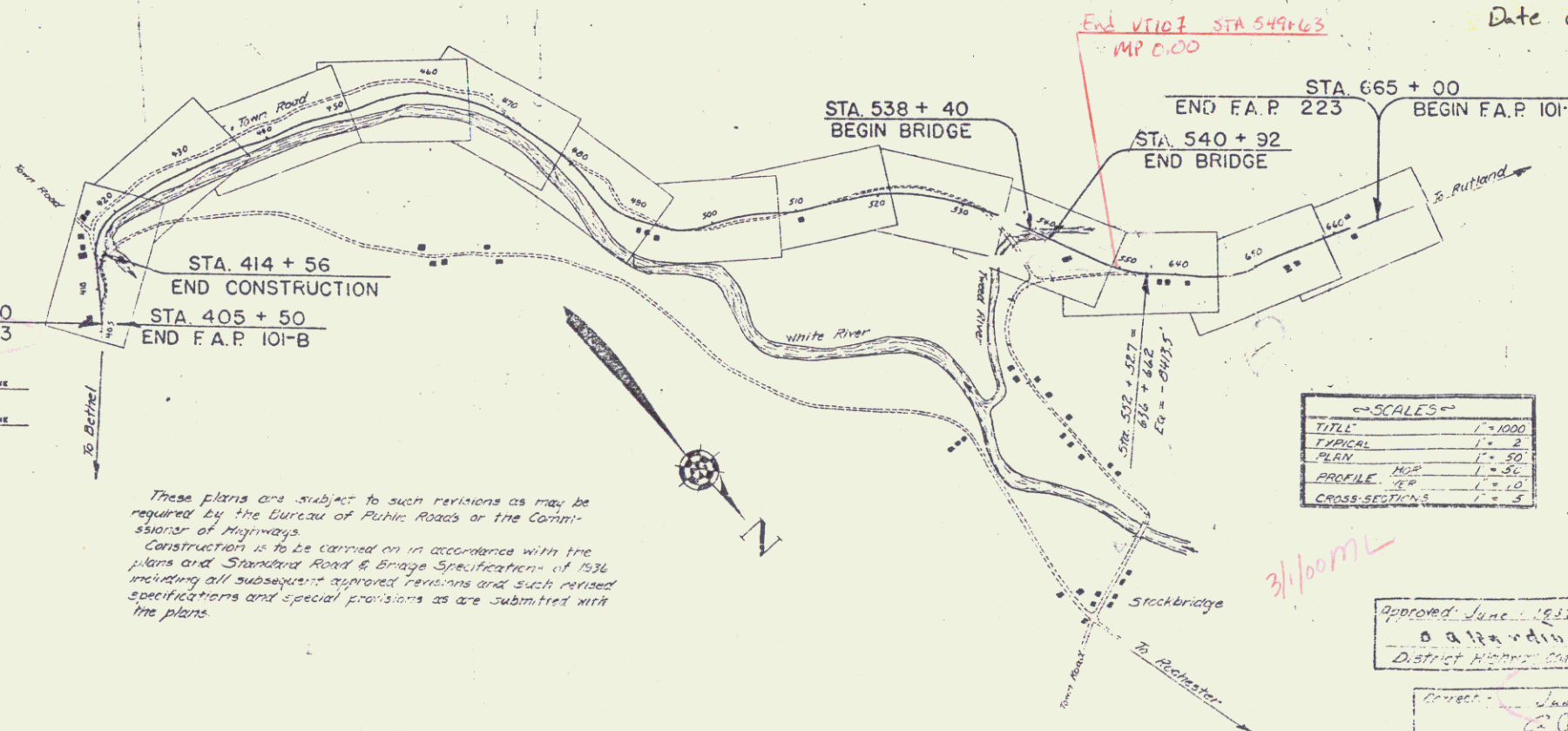
CONVENTIONAL SIGNS

GROUND ELEVATION DATUM LINE
GRADE ELEVATION DATUM 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

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 & Bridge Specifications of 1934 including all subsequent approved revisions and such revised specifications and special provisions as are submitted with the plans.



SCALE
TITLE 1" = 1000'
PLAN 1" = 20'
PROFILE 1" = 10'
CROSS-SECTION 1" = 5'

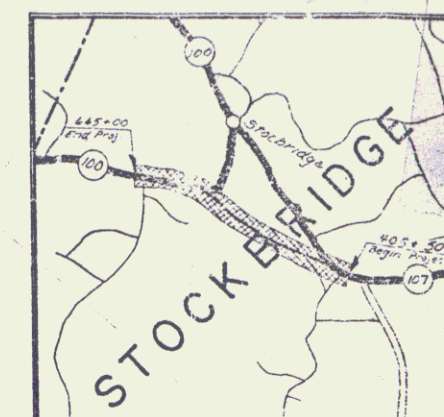
Approved June 1937
O. A. Harding
District Highway Engineer

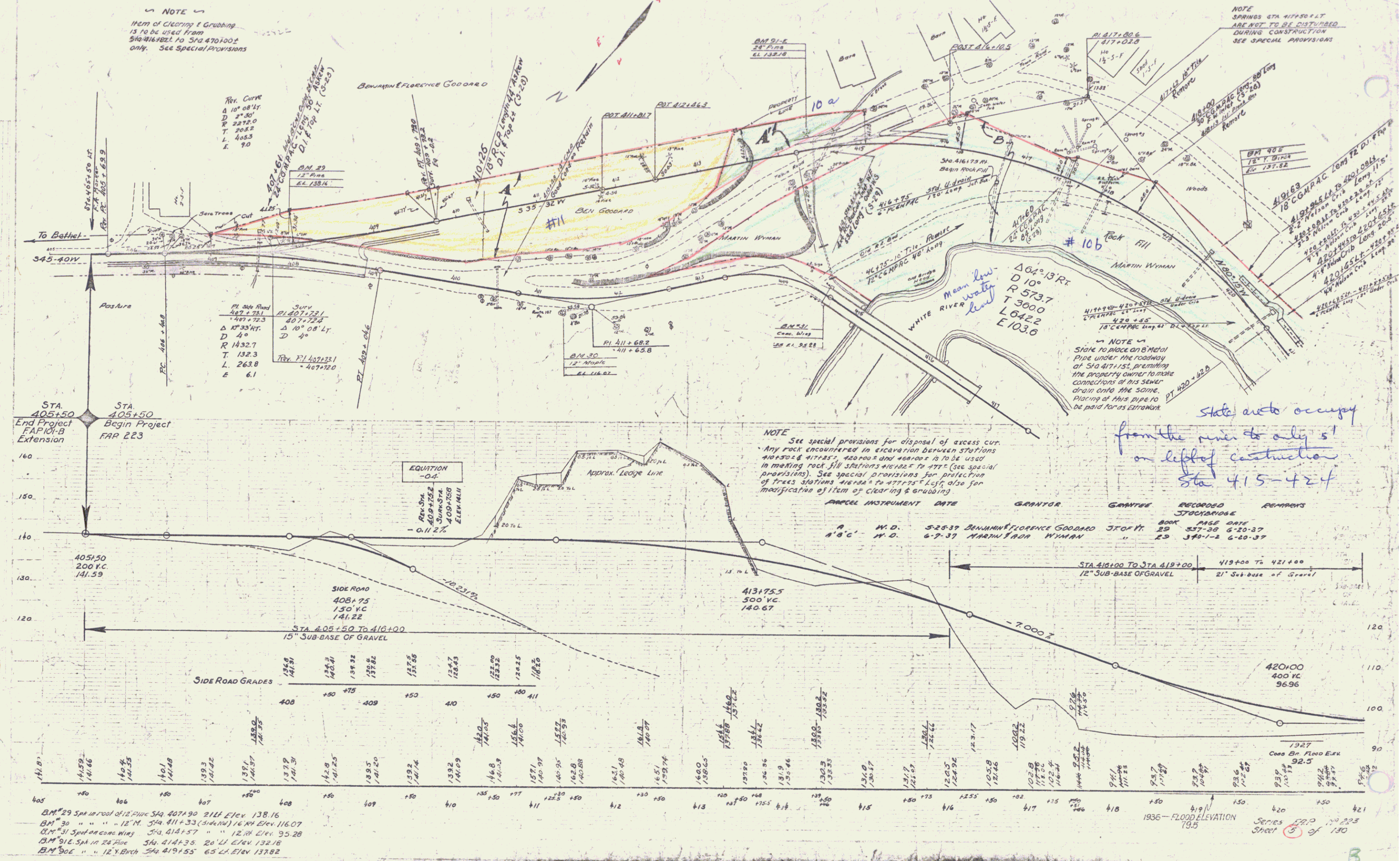
RECOMMENDED
DISTRICT ENGINEER
RECOMMENDED FOR APPROVAL
CHIEF ENGINEER
APPROVED
DIRECTOR, BUREAU OF HIGHWAYS

SERIES F NO. 207
SHEET 1 OF 120

DIST. #4 PLANS

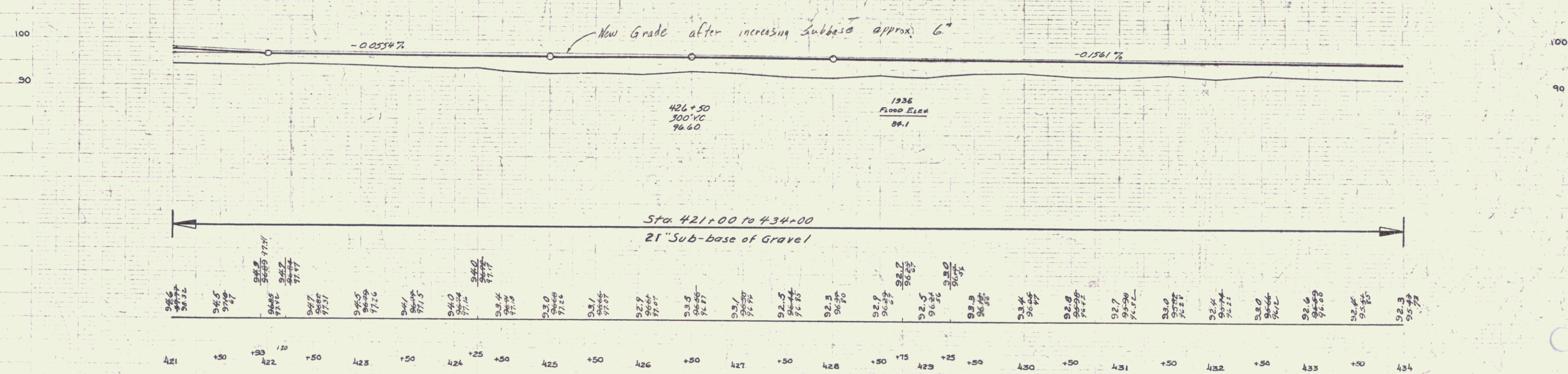
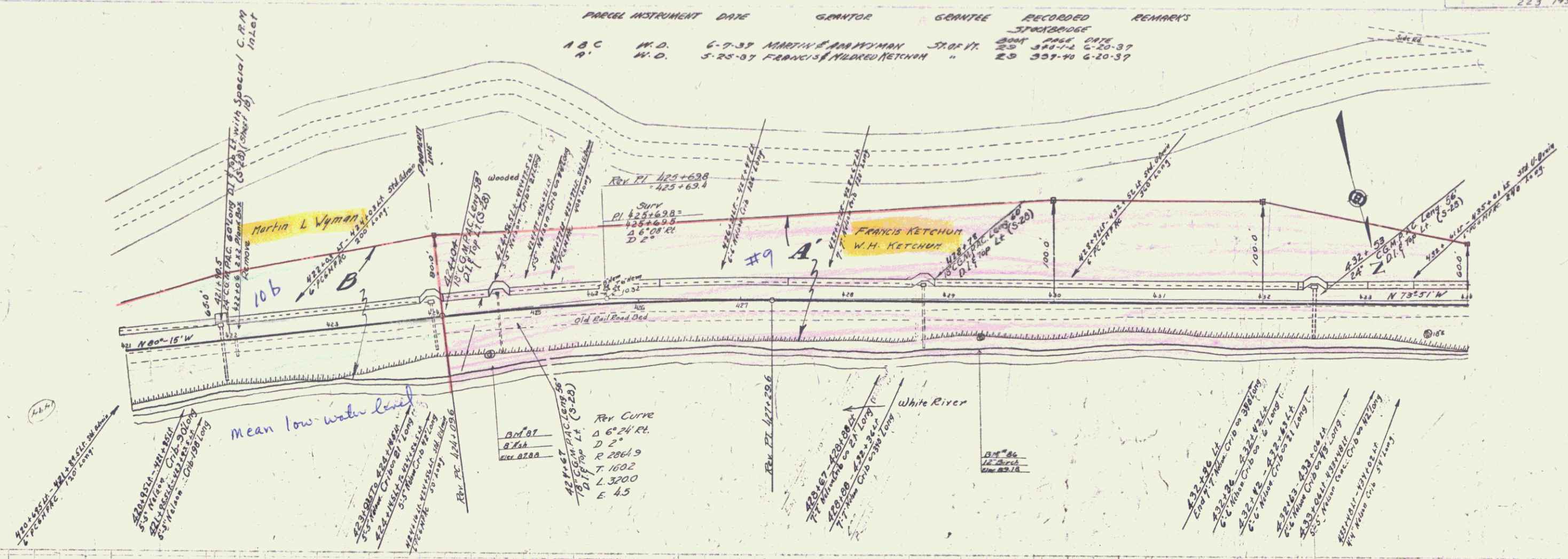
VT. RTE. 107



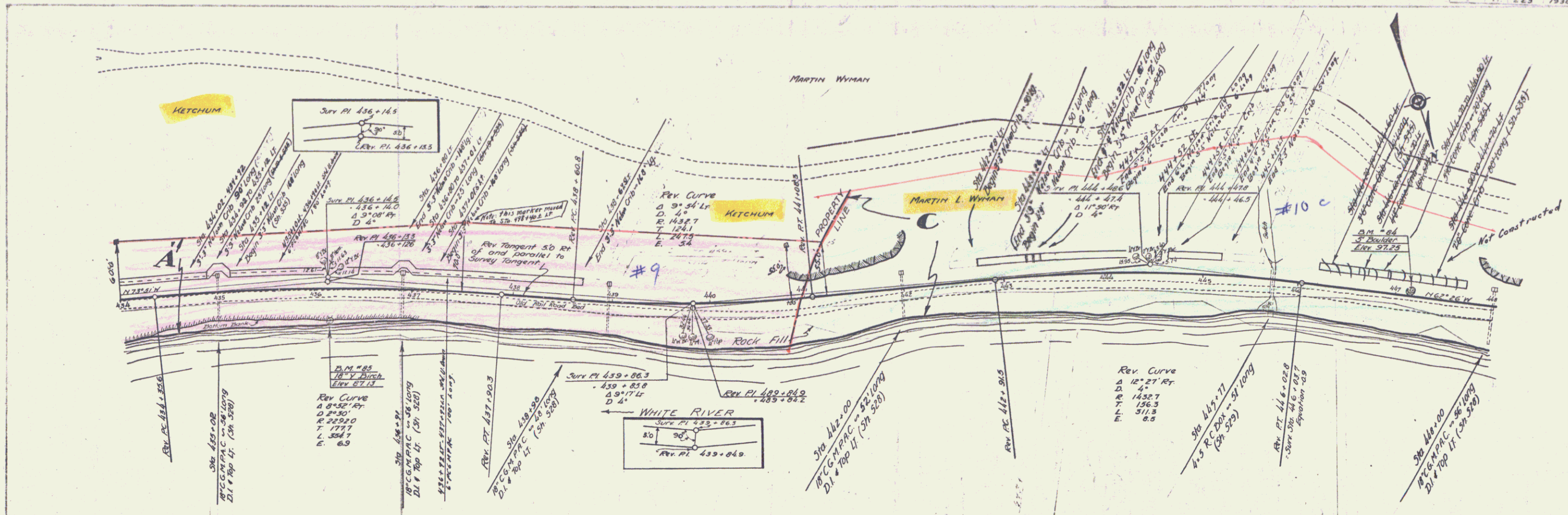


State auto occupy
from the river to only 5'
on left of construction
Sta 415-424

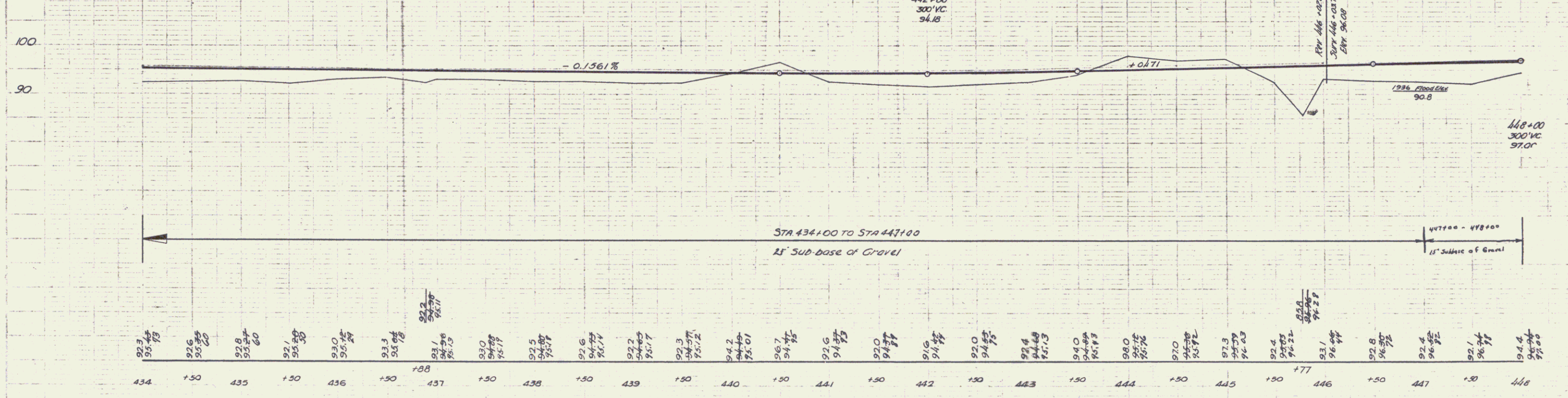
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A B C	N.D.	6-9-37	MARTIN L. VYMAN	STATE OF	37-20-37	
A	N.D.	5-25-37	FRANCIS KETCHUM	"	37-20-37	



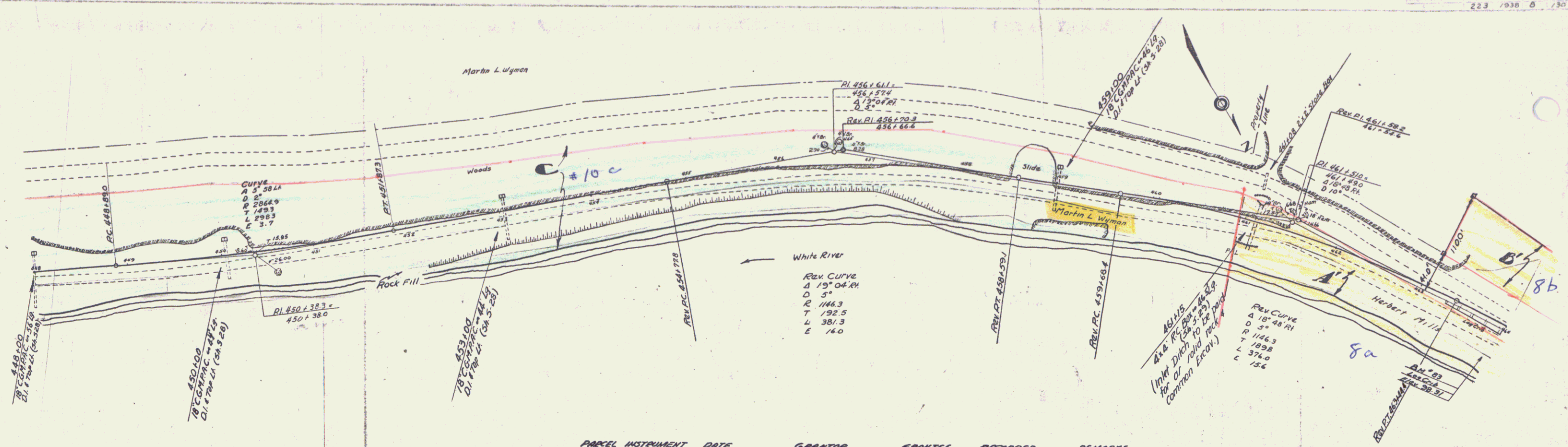
BM 631A in 8' Ash 39' 1/2" 510 424+50 Elev 87.88
 BM 632A in 12' Birch 35' 1/2" 510 429+30 Elev 89.18



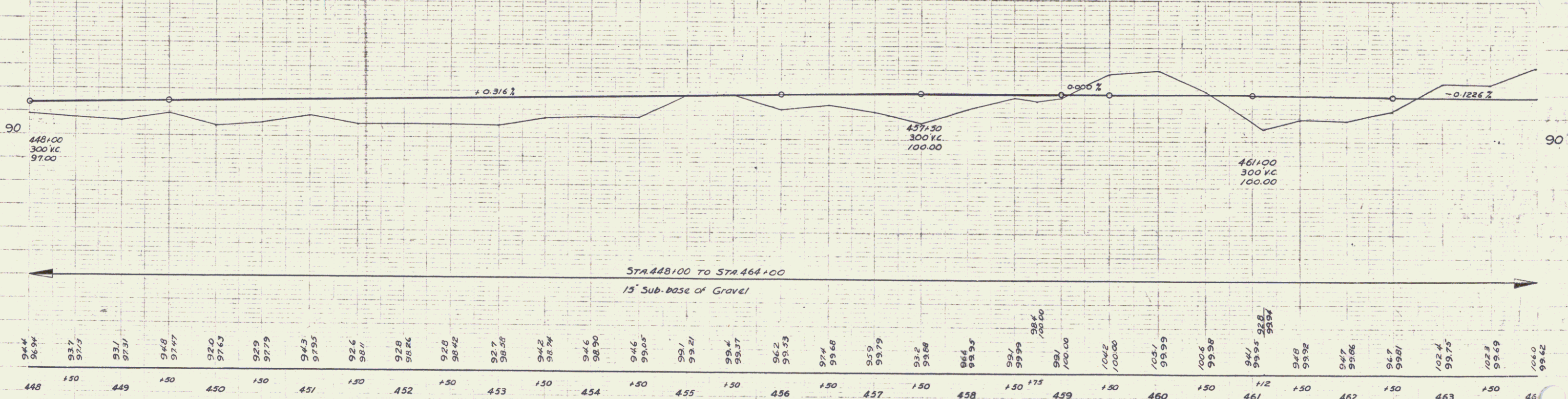
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
ABC	N.D.	6-7-37	MARTIN L. WYMAN	ST. 41	29 370-12	6-20-37
A'	N.D.	5-25-37	FRANCIS W. MILDRED KETCHUM	"	29 357-14	6-20-37



BM 65 - spike in 18" Yellow Birch. 40 ft right Sta 436 + 13. Elevation: 87.13.
 BM 64 - spot on 5 ft. boulder, one foot left Sta 447 + 13. Elevation: 97.25.



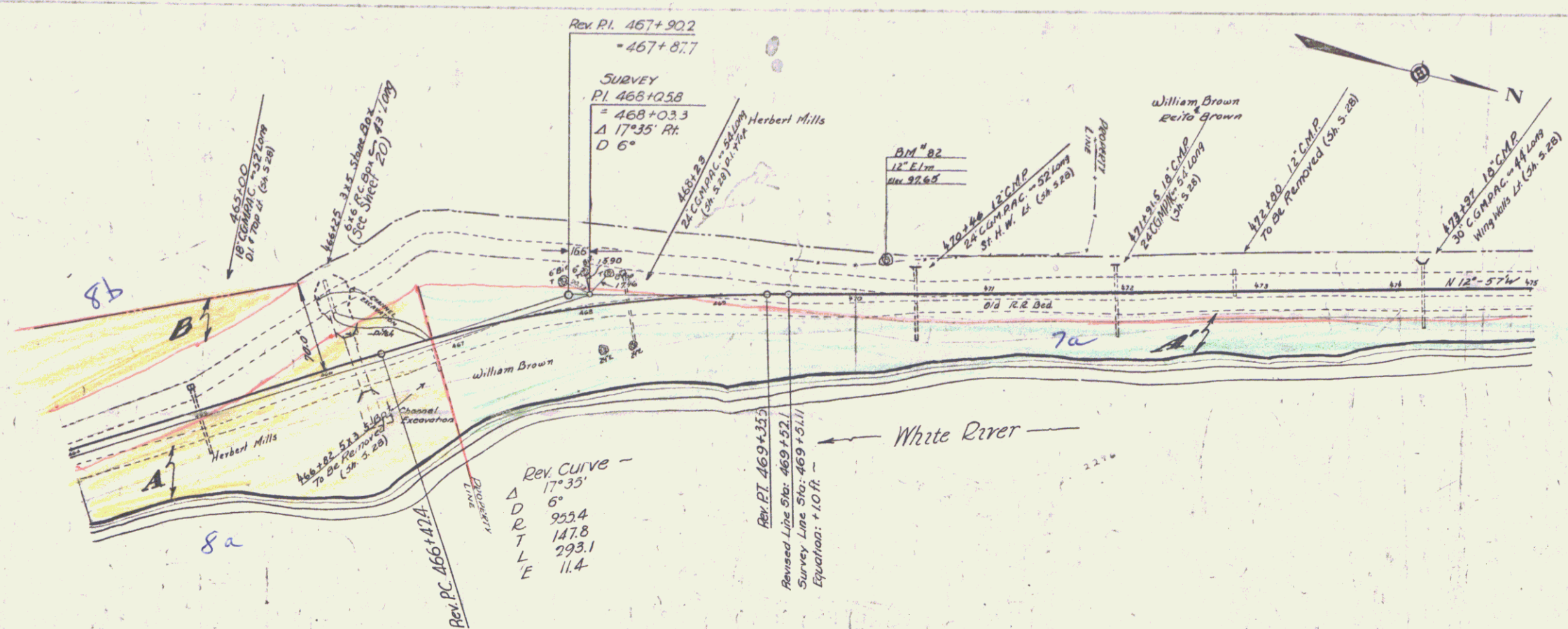
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A-B-C	W.D.	6-9-37	MARTIN & ADA HYMAN	STO. 11.	STO. 11. 20	377-48 7-11-37
A-B-C-D	O.C.D.	5-6-37	HERBERT MILLS	"	20	377-48 7-11-37



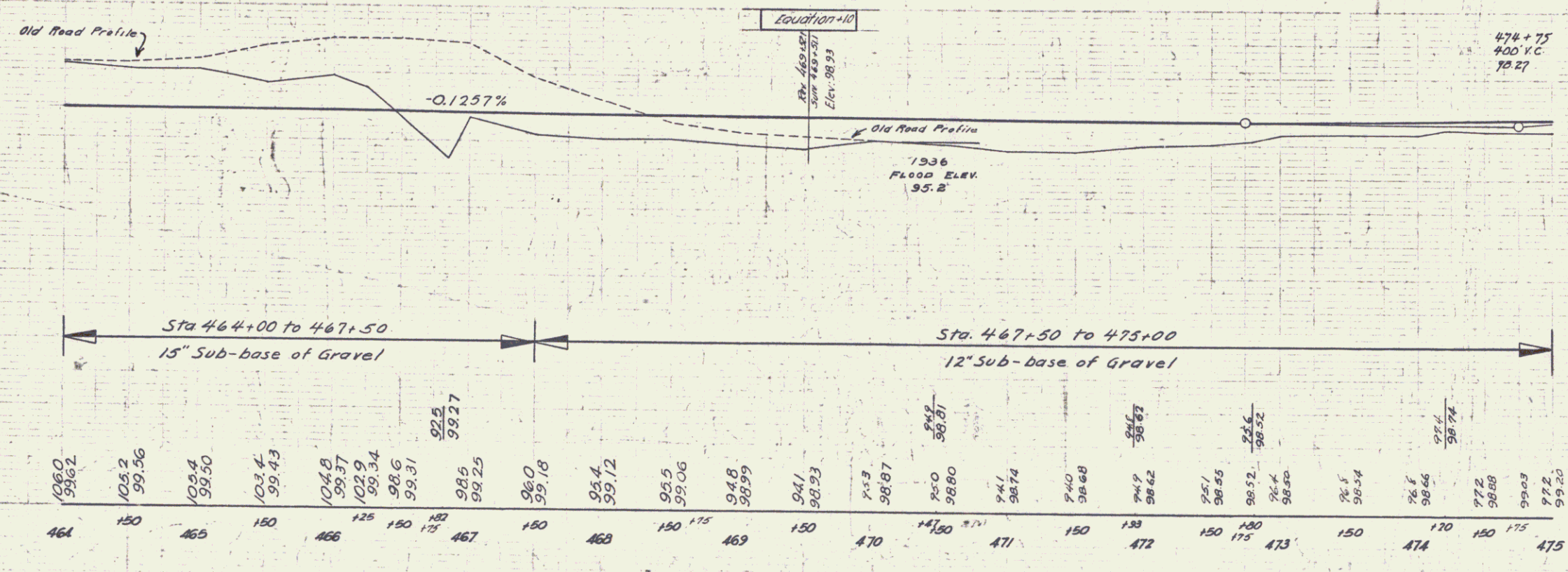
B.M. 83 Spk. in Top of Log Crib & Rt. Sta. 464+00 ELEV. 98.31

SERIES F&P No. 223
Sheet 8 of 130

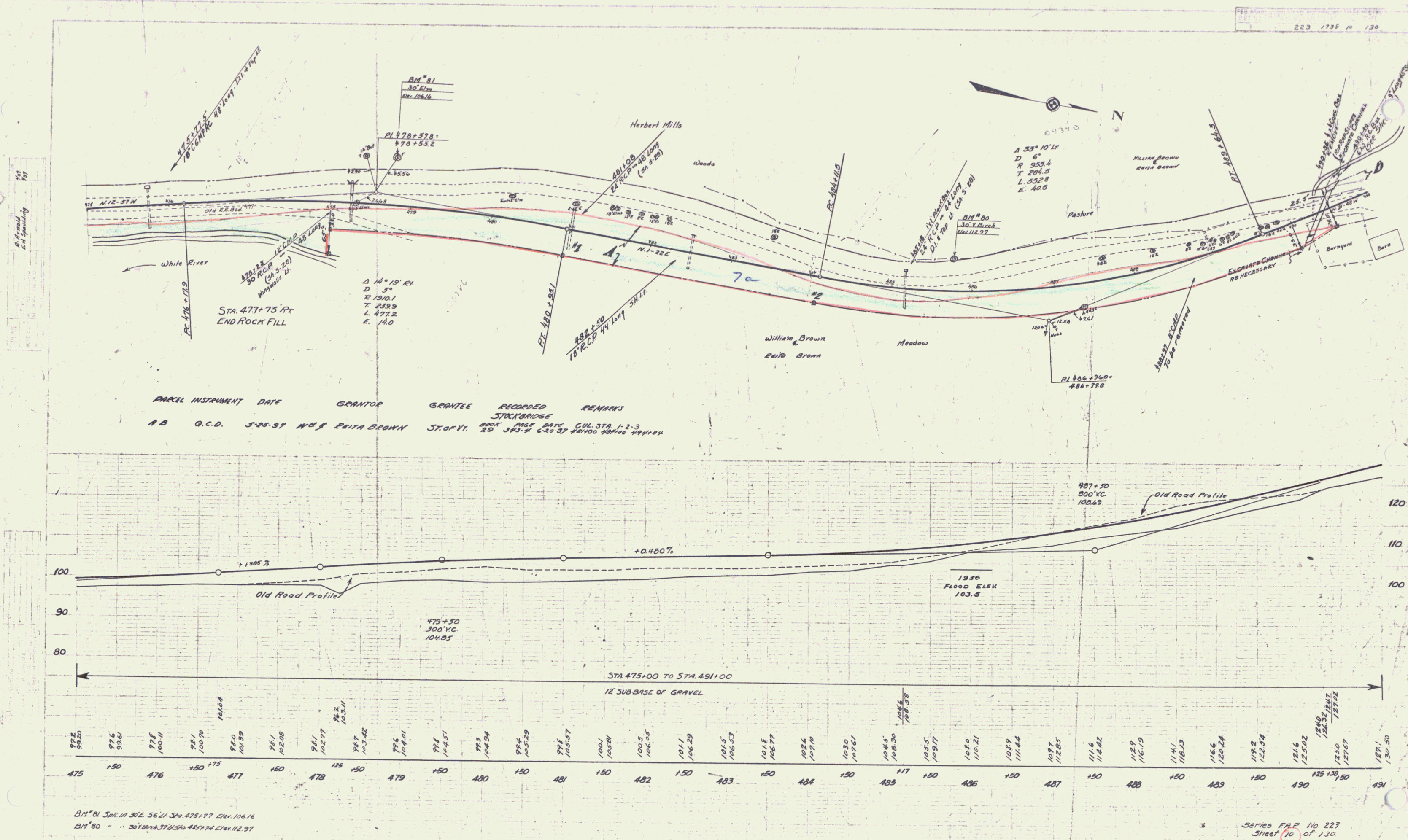
8a
8b

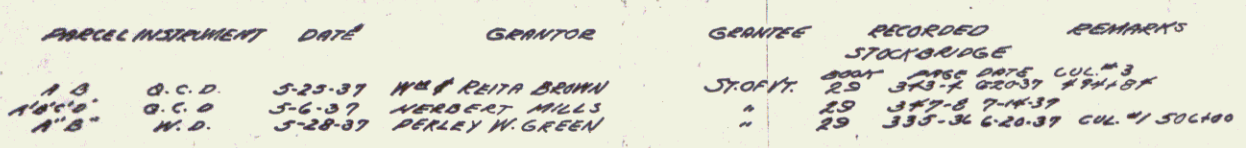


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED STOCK	REMARKS
1850	O.C.D.	5-6-37	HERBERT MILLS	STOCK	25	377.8 7-12-37 CUL. STA.
A.B.	O.C.D.	5-25-37	W.B. BROWN	"	25	373.4 6-21-37 18100 101100 191100

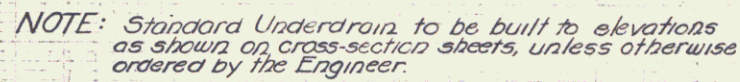


B.M. #82 3pt. in 12' Elm 20 ft. Sta 470+12 Elev. 97.65



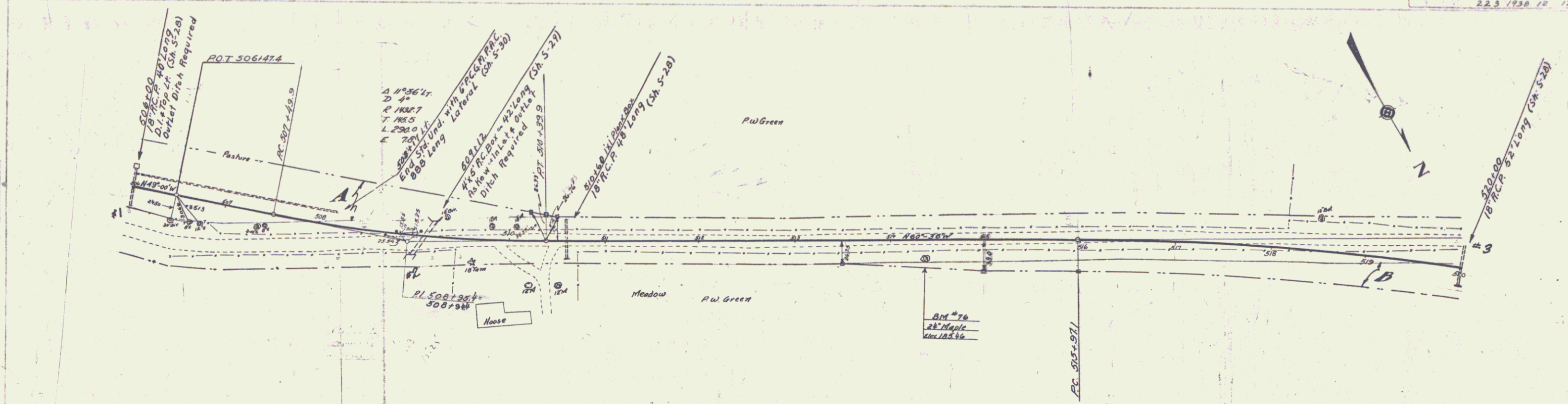


NOTE
Rock fill, Sta. 498 ± RT. & 503 ± RT.
to be obtained from rock excavated
in excavation 490 ± to 508 ±. If any
additional rock is necessary to make
this fill it is to be paid for as per
special provisions covering rock fill
Sta. 416 ± to 477 ± 75

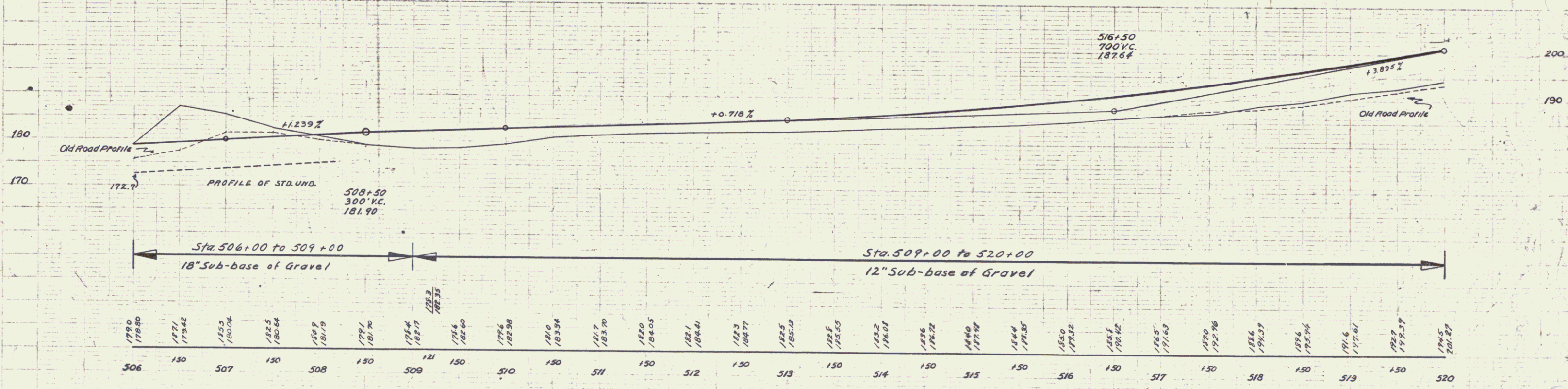


B.M. 78 Spk. in 12" Y. Birch Sta. 499+77.6 Elev. 164.68

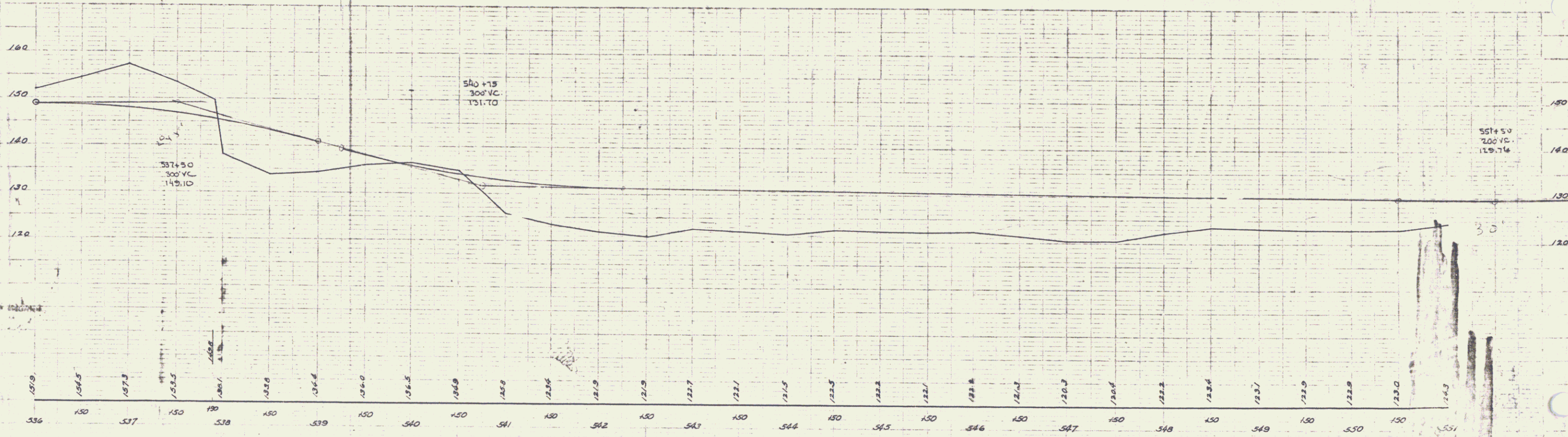
Series F.A.P. No. 223
Sheet 11 of 130



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A B	N.D.	5-28-37	R. W. GREEN	STOCK BRIDGE	BOOK PAGE DATE	CUL. # 1-2-3
					25 335-36 6-28-37	506+00 509+00 520+00



B.M. 76 Spk. in root of 24\"/>

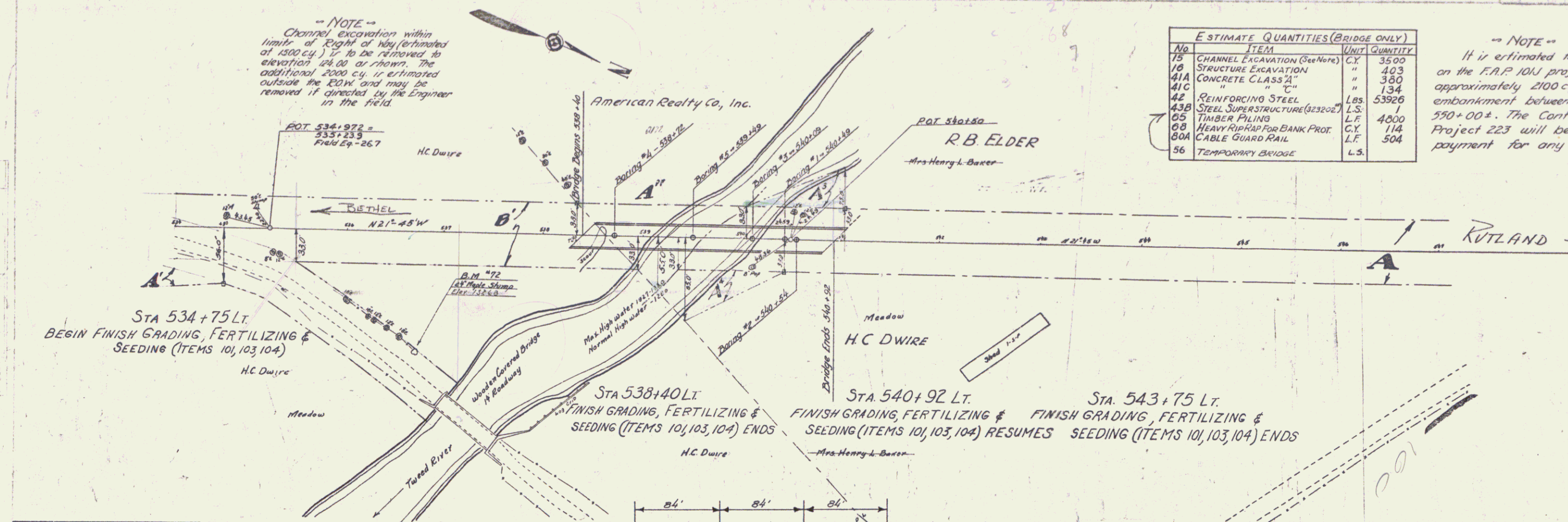


B.M. 75 F. SPIKE IN ROOT OF 24" MAPLE 8 FT. LT. OF STA 536+63 ELEV 154.16
B.M. 75 F. SPOT ON CONC. WALL 11 FT. RT. OF "H" LINE STA 544+72 ELEV 150.08

NOTE
Channel excavation within limits of Right of Way (estimated at 1500 cy.) is to be removed to elevation 124.00 as shown. The additional 2000 cy. is estimated outside the ROW and may be removed if directed by the Engineer in the field.

ESTIMATE QUANTITIES (BRIDGE ONLY)			
No.	ITEM	UNIT	QUANTITY
15	CHANNEL EXCAVATION (See Note)	CY	3500
16	STRUCTURE EXCAVATION	"	403
41A	CONCRETE CLASS "A"	"	380
41C	" " " "C"	"	134
42	REINFORCING STEEL	LBS.	53926
43B	STEEL SUPERSTRUCTURE (G2320E)	L.S.	1
65	TIMBER PILING	L.F.	4000
68	HEAVY RIPRAP FOR BANK PROT.	C.Y.	114
60A	CABLE GUARD RAIL	L.F.	504
56	TEMPORARY BRIDGE	L.S.	

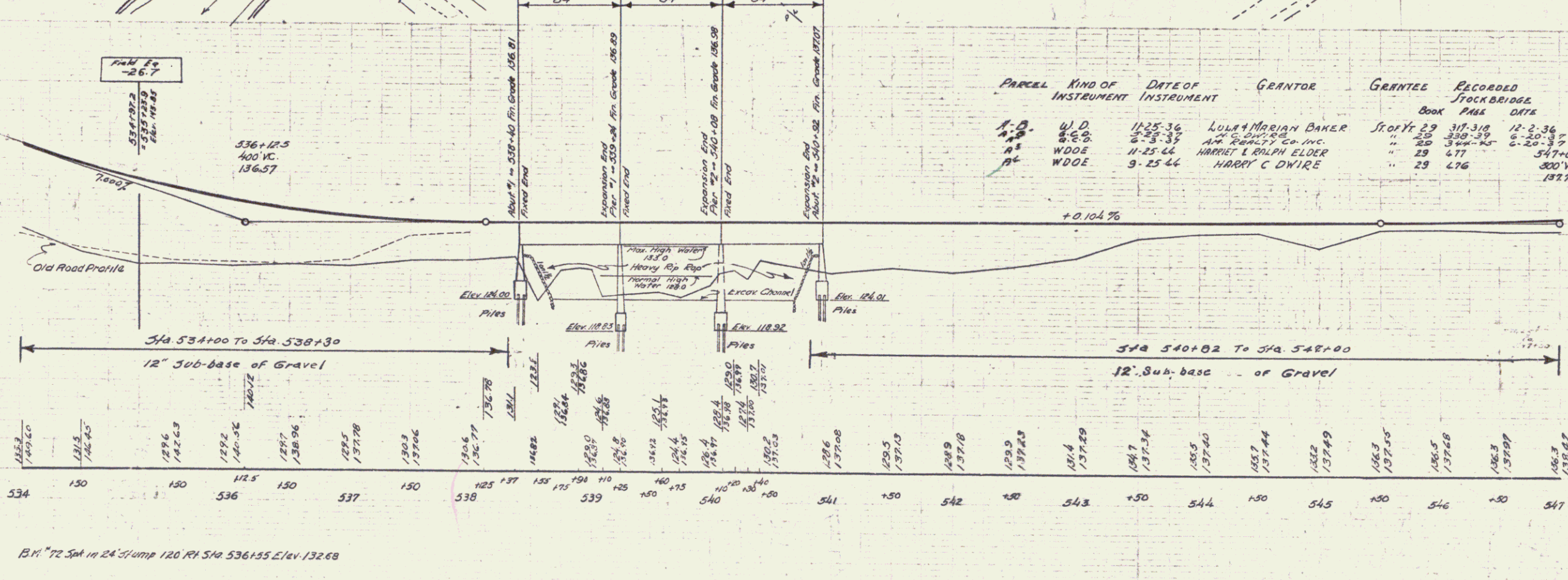
NOTE
It is estimated that the Contractor on the F.A.P. 10U project, will place approximately 2100 cy. of earth embankment between Sta 540+590+00±. The Contractor for F.A. Project 223 will be allowed no payment for any fill so made.



BRIDGE DATA		
TYPE	PRESENT	PROPOSED
SPANS	1-8m. 14' 5"	3-84' 9"
CLEAR HEIGHT	10'	9'
WATERWAY	670	1512"
LENGTH OVERALL	71'	252'
RDWY WIDTH	71'	24'

STREAM DATA	
VELOCITY DURING H.W.	MEDIUM
STREAM BED	GRAVEL OVERLAY ON FINE SAND.

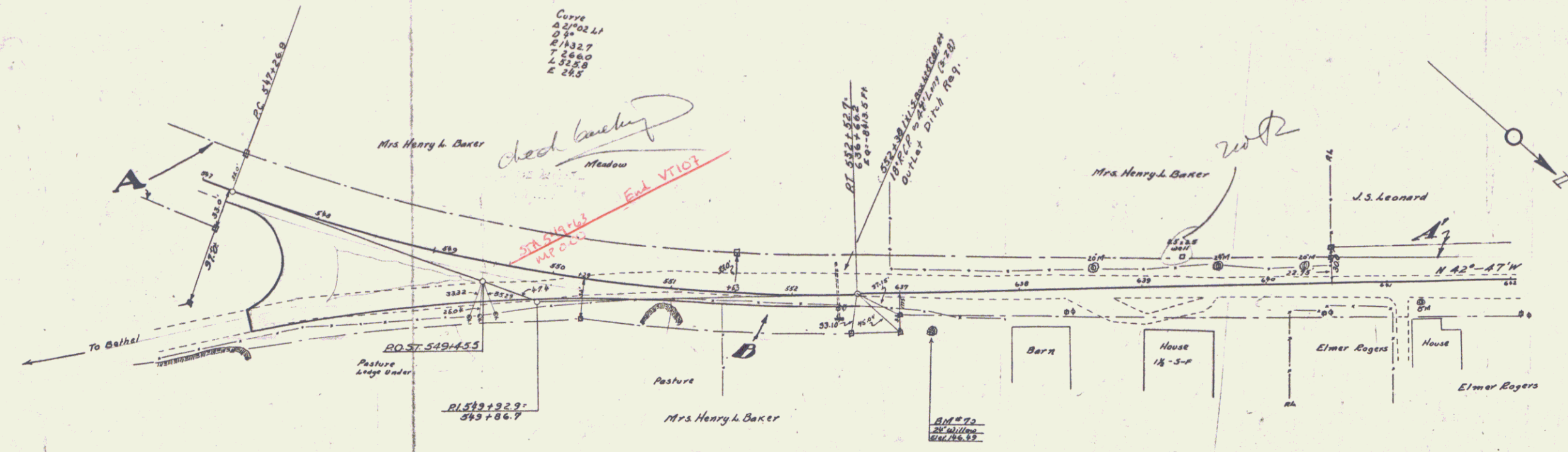
BORING DATA		
130	Boring #1	Boring #2
120	Boring #3	Boring #4
110	Boring #5	Boring #6
100	Boring #7	Boring #8
90	Boring #9	Boring #10
80	Boring #11	Boring #12
70	Boring #13	Boring #14
60	Boring #15	Boring #16
50	Boring #17	Boring #18
40	Boring #19	Boring #20
30	Boring #21	Boring #22
20	Boring #23	Boring #24
10	Boring #25	Boring #26
0	Boring #27	Boring #28



PARCEL	KIND OF INSTRUMENT	DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED BOOK	RECORDED PAGE	REMARKS
1-2	W.D.	11-25-36	LULY MARIAN BAKER	STOFFT 23	317-318	12-2-36	
3-4	W.D.	6-2-35	A.M. REALTY CO. INC.	"	29	300-39	6-2-35
5-6	W.D.	11-25-34	HARRIET L. ELLER	"	29	477	547+00 12-16-34
7-8	W.D.	9-25-34	HARRIET C. DWIRE	"	29	476	500+00 12-16-34

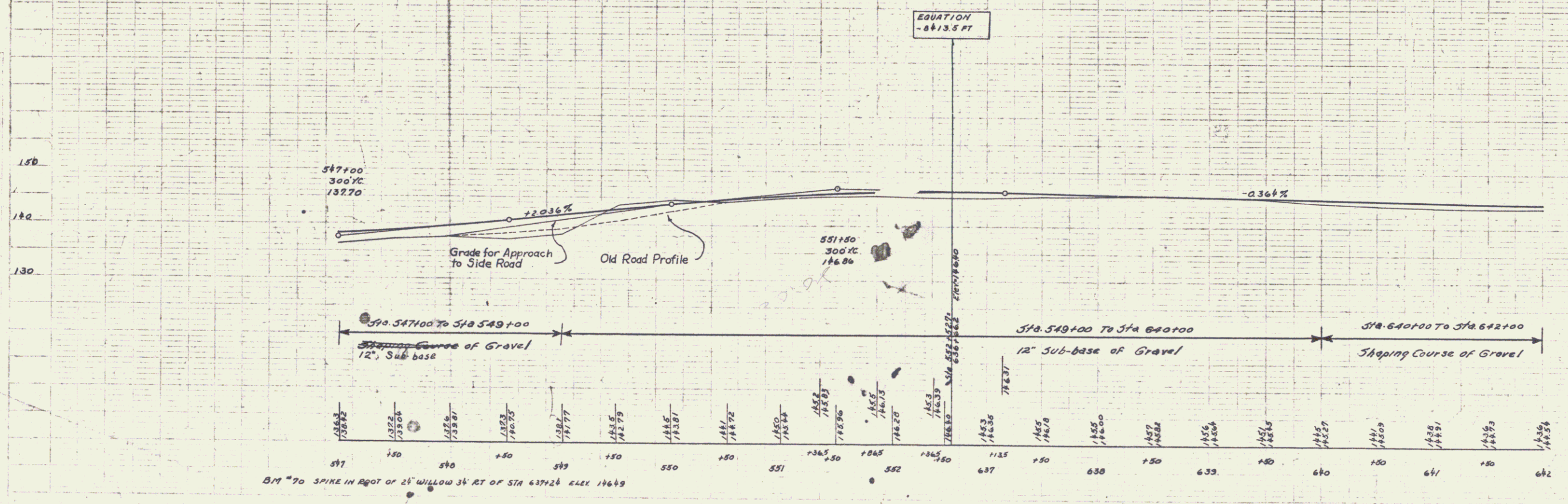
BORING DATA	
130	Boring #1
120	Boring #2
110	Boring #3
100	Boring #4
90	Boring #5
80	Boring #6
70	Boring #7
60	Boring #8
50	Boring #9
40	Boring #10
30	Boring #11
20	Boring #12
10	Boring #13
0	Boring #14

SERIES F.A.P. No 223
Sheet 14 of 130

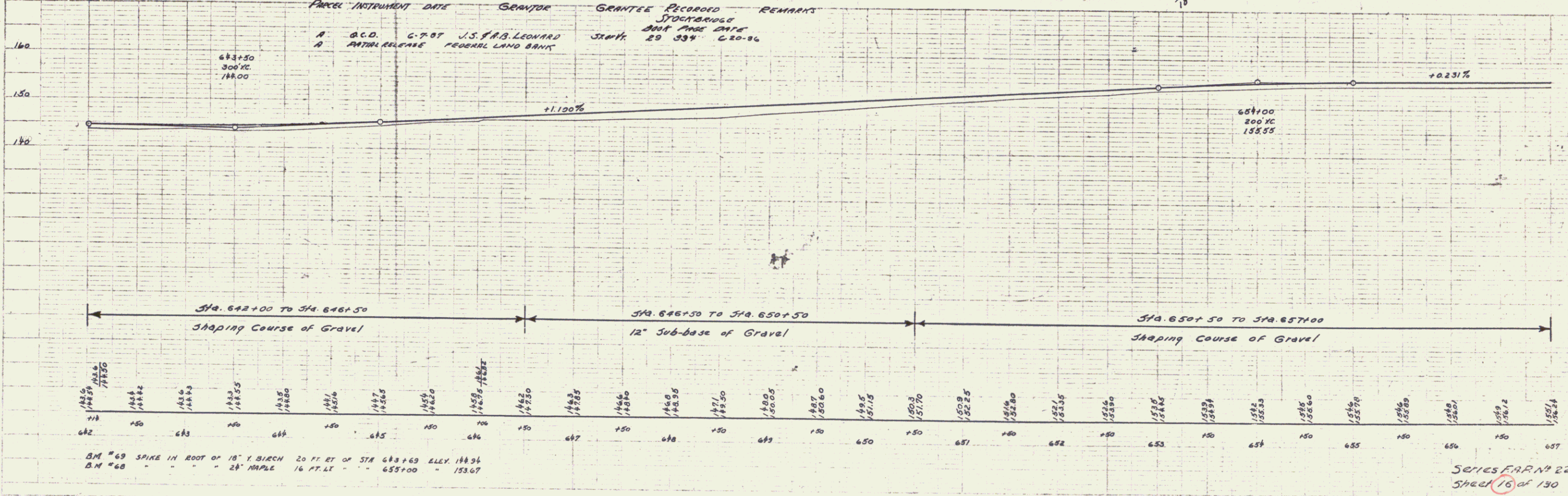
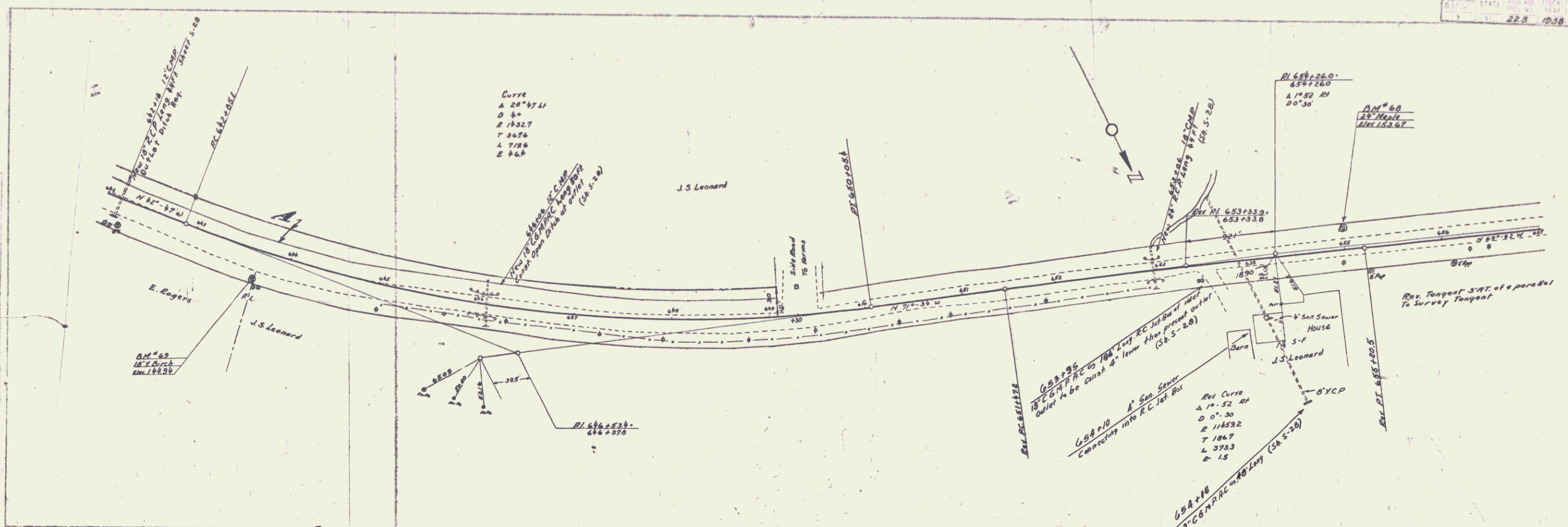


Note -
Any rock encountered in excavation
at Sta. 550+00± is to be used in making
the embankment from Sta. 550+00 to
the end of the project -

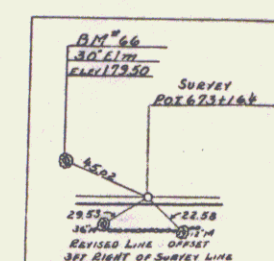
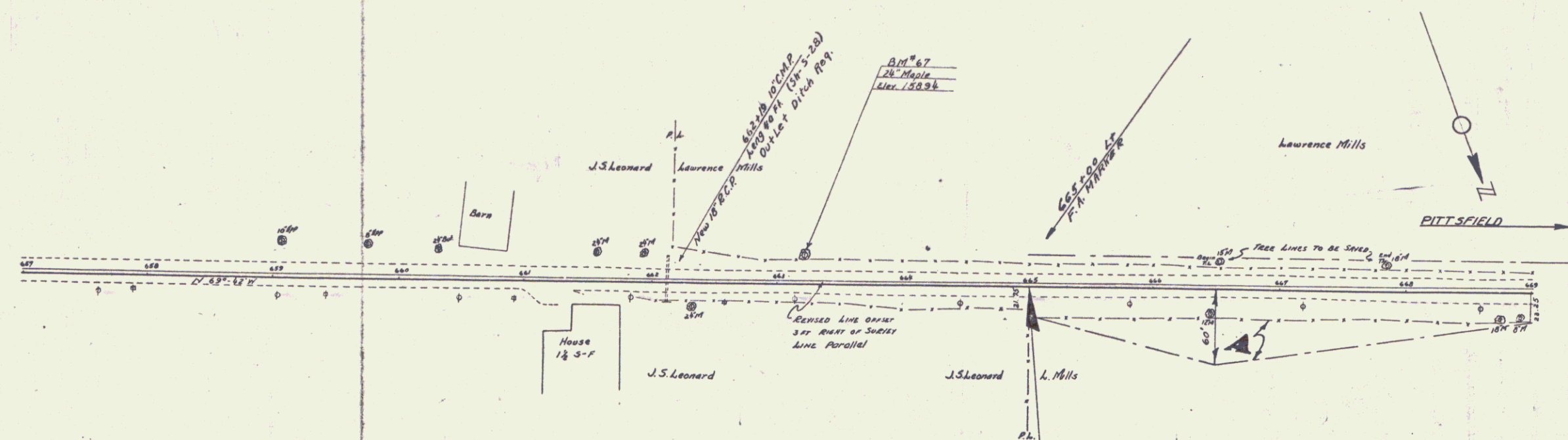
PARCEL	KIND OF DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED BOOK PAGE DATE	REMARKS
A-B	N.D.	11-25-36 WILLIAM M. E. BAKER	STONY	29 317-319 12-2-36	
A'	O.C.D.	6-7-37 U.S. F. A. LEONARD	"	29 334 6-20-36	
A'	PARTIAL RELEASE	FEDERAL LAND BANK	"		



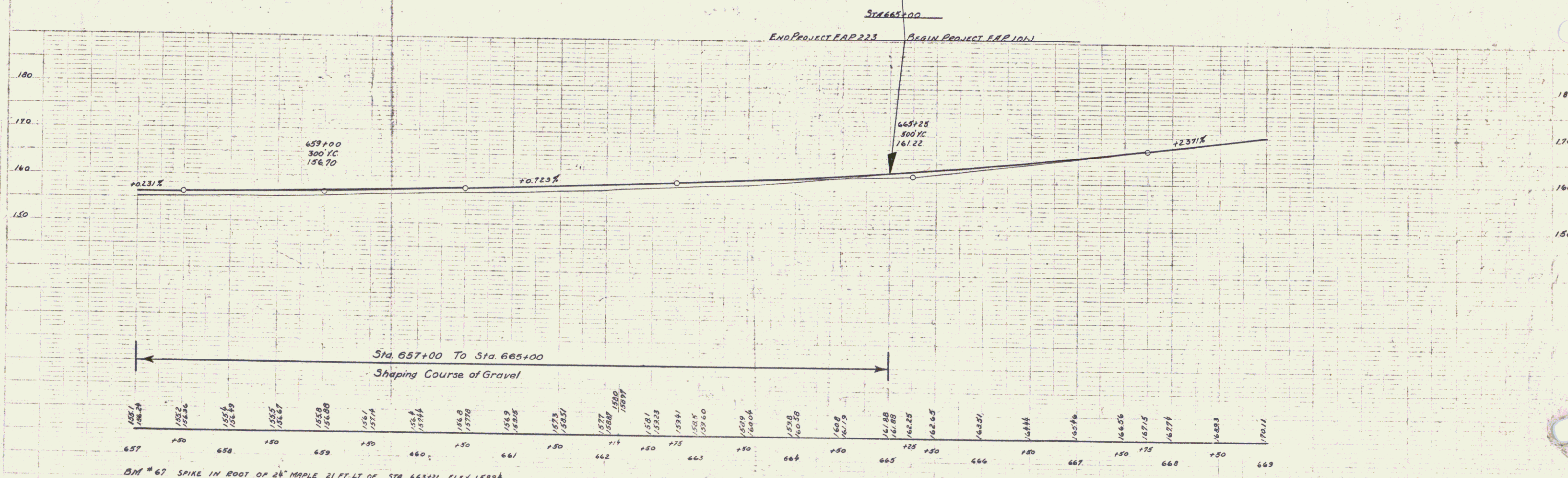
SERIES FAR N° 223
SHEET 15 OF 130



BM #69 SPIKE IN ROOT OF 18" Y. BIRCH 20 FT. RT. OF STA 643+63 ELEV. 144.34
 BM #68 " " " 24" MAPLE 16 FT. LT. " 655+00 " 153.67



PARCEL	KIND OF INSTRUMENT	DATE OF INSTRUMENT	GRANTOR	GRANTEE	RECORDED STOCKBRIDGE BOOK PAGE DATE	REMARKS
A	Q.C.D.	12/23/36	LAWRENCE MILLS	STOFFY	29 319-20 12/23-36	



SERIES FAP No 223
 SHEET 17 of 130