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STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

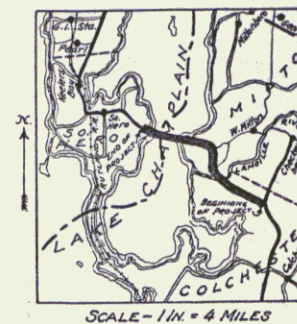
FEDERAL AID PROJECT

TOWNS OF COLCHESTER-MILTON-SO. HERO

ISLAND ROAD

FROM "OLD CHIMNEY CORNER," WEST 6.751 MILES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	F.A.P. 106-A 36 RD. 200 S.F.A. 128-A	1930	1	65

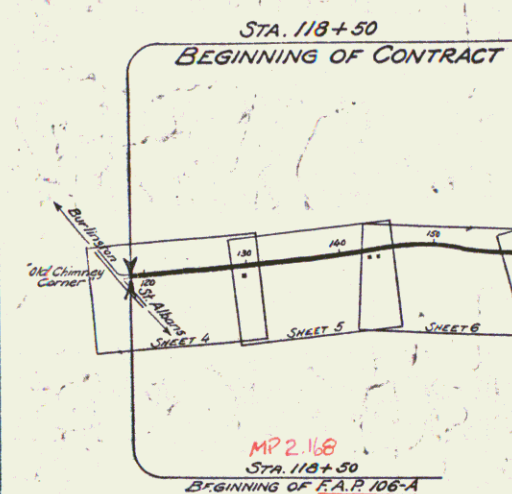


SCALE - 1 IN. = 4 MILES

PROJECT NO.	GOV'T PARTICIPATION		NON-GOV'T PARTICIPATION	
	FEET	MILES	FEET	MILES
F.A.P. 106A	20,147.1	3.815+	~	~
F.A.P. 36 (Reopened)	7,570.0	1.433	~	~
F.A.P. 29 (Reopened)	6,040.4	1.144	358.0	0.068
S.F.A. 128A	~	~	1,491.5	0.282
TOTALS	33,757.5	6.392+	1,849.5	0.350
CONTRACT	EXCL. BR. OVER 20' SPAN	3,560.0 FT.	6.743 MI.	
	INCL. BR. OVER 20' SPAN	3,564.90 FT.	6.751 MI.	

Due to US2 Relocation, length of US2 in Milton is now 3.686 miles.

(To Be Returned to R.O.W. Division)
US-2
FEDERAL
RIGHT-OF-WAY DIVISION
TOWN FILE



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	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 ~
Layout - 1 in. = 1000 ft.
Plan - 1 in. = 50 ft.
Profile - Hor. - 1 in. = 50 ft.
Vert. - 1 in. = 10 ft.
Sections - 1 in. = 5 ft.

This project to be constructed in accordance with Standard Road and Bridge Specifications for 1930.

These plans are subject to such revisions as may be required by the Bureau of Public Roads or the Chief Engineer.

APPROVED: January 28, 1930
H. E. Largent
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	

Project No. F.A.P. 106-A - F.A.P. 36 (Rd) - F.A.P. 29 (Rd) - S.F.A. 128-A
PLANS COMPLETED JAN. 27, 1930
SHEET 1 OF 65

DIST. #5 PLANS

WOOD GUARD RAIL REQUIRED
 CULVERT STATION LEFT RIGHT
 121+88 24' 24'

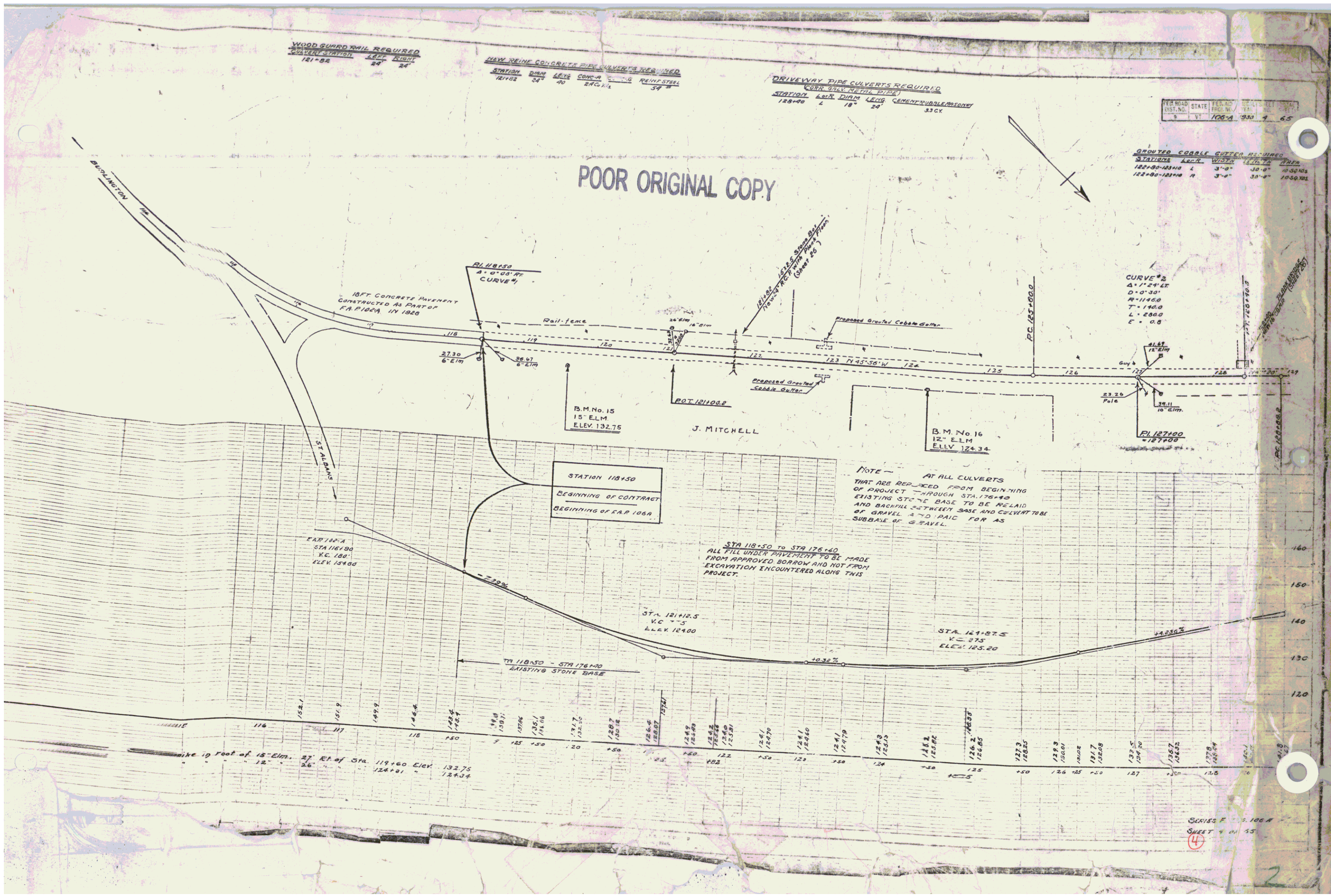
NEW REIN. CONCRETE PIPE CULVERTS REQUIRED
 STATION DIA. LENS CONC. L. REIN. STEEL
 121+88 24' 40' 24" 1/2 3/4 3/4"

DRIVEWAY PIPE CULVERTS REQUIRED
 CON. ONLY METAL PIPE
 STATION DIA. LENS CONC. L. REIN. STEEL
 123+00 18' 20' 33" 1/2 3/4 3/4"

PER ROAD STATE PROJ. NO. YEAR DIST. NO. SHEET
 5 VT 106-A 1930 4 65

GRAVELLED COBBLE GUTTER RECOMMENDED
 STATION LENS WIDTH SLOPE DRAIN
 122+80-123+00 L 3'-0" 18'-0" 1:50 NOS
 122+80-123+00 R 3'-0" 18'-0" 1:50 NOS

POOR ORIGINAL COPY



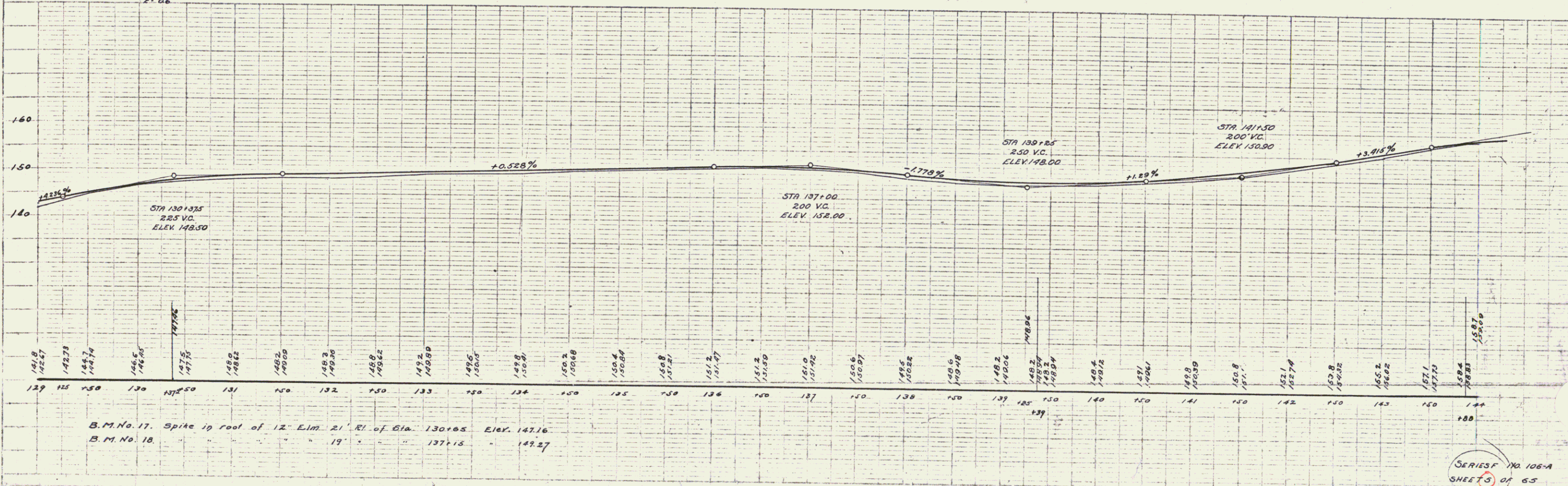
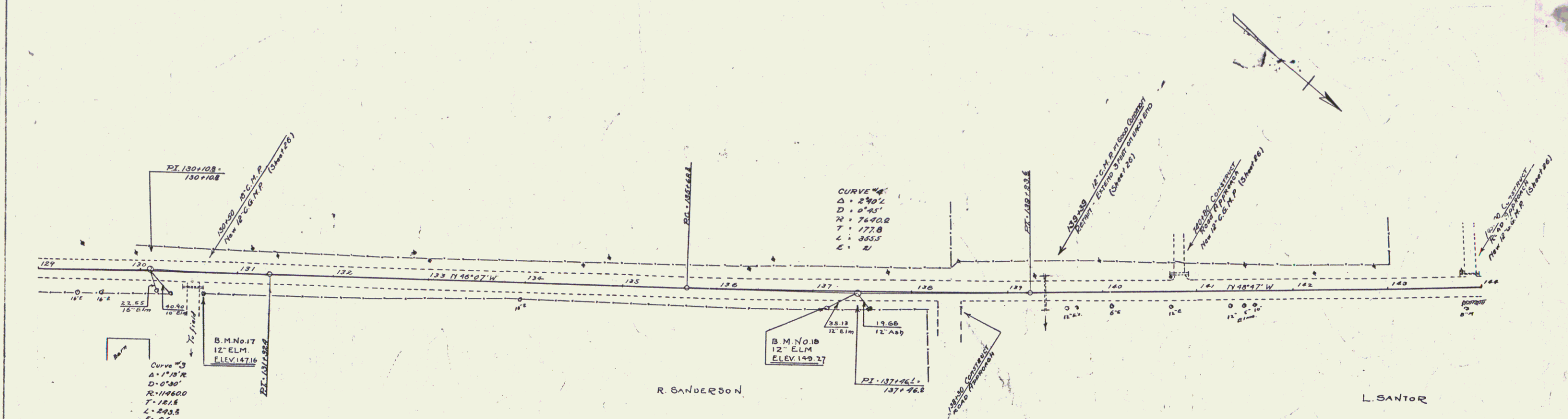
SERIES F 106-A
 SHEET 4 OF 55
 4

WOOD GUARDRAIL REQUIRED
CULVERT STATION LEFT RIGHT
130+39 24' 24'

CULVERT REPAIRS REQUIRED - C&P
STATION D.I.A.M. LENG. CONC. REIN. STEEL
139+39 12" 6' 30' 33"

DRIVEWAY PIPE CULVERTS REQUIRED
CORR. GALV. METAL PIPE
STATION LENG. D.I.A.M. LENG. CEMENT RUMBLE MASONRY
130+80 R. 12" 20' 23 CY
140+80 L. 12" 20' 23 CY
143+30 L. 12" 20' 23 CY

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
SHEET NO. 106-A
SHEET 65



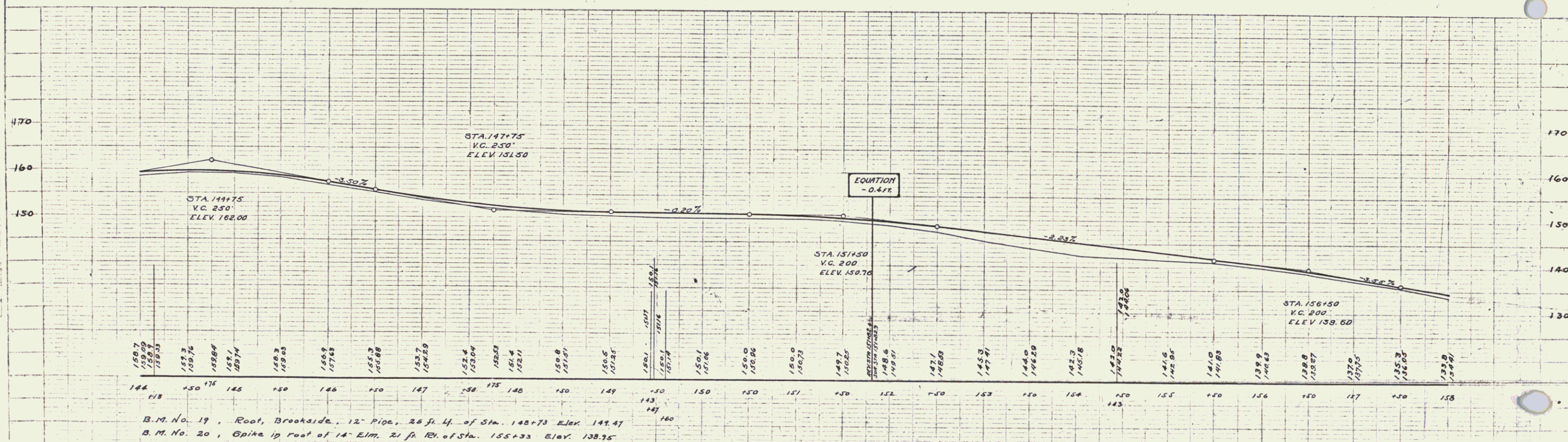
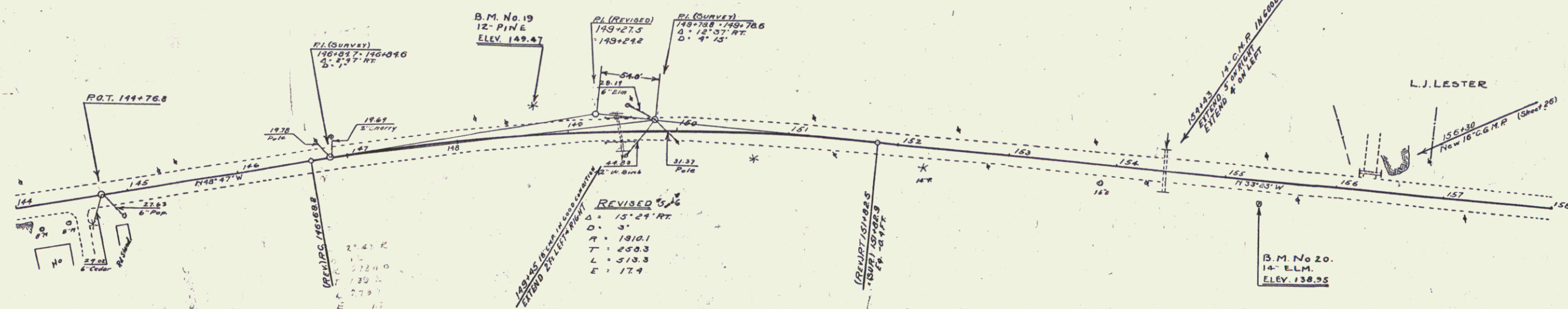
B.M. No. 17. Spike in root of 12" Elm. 21' RI of Sta. 130+108. Elev. 147.16
B.M. No. 18. " " " " 19' " " 137+15. Elev. 149.27

SERIES NO. 106-A
SHEET 65

CULVERT REPAIRS REQUIRED		C.G.M.P.	
STATION	DIAM.	LENGTH	CONC. REIN. STEEL
149+45	18"	4 Ft.	3.0 cy. 33 lbs.
154+43	14"	9 Ft.	3.0 cy. 33 lbs.

DRIVEWAY PIPE CULVERTS REQUIRED
(CORR GALV. METAL PIPE)
STATION LENG DIAM LENG CEMENT RUBBLE MASONRY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	106-A	1930	6	65



SERIES F NO. 106-A
SHEET 6 OF 65

WOOD GUARD RAIL REQUIRED			
CULVERT STATION	LEFT	RIGHT	
163+05	24'	24'	
172+34	24'	24'	

NEW REIN. CONCRETE PIPE CULVERTS REQUIRED				
STATION	DIAM.	LENG.	CONC. R.	REIN. STEEL
163+05	30"	40'	38 CY	58'

CULVERT REPAIRS REQUIRED G.G.M.R.				
STATION	DIAM.	LENG.	CONC. R.	REIN. STEEL
172+34	42"	0'	30 CY	33'

DRIVEWAY PIPE CULVERTS REQUIRED			
STATION	DIAM.	LENG.	CONC. R.
161+55	16"	20'	27 CY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	106A	1930	7	65

PLAN	DATE
REVISIONS	
NOTE BOOK	
NO.	

PROFILE	DATE
REVISIONS	
NOTE BOOK	
NO.	

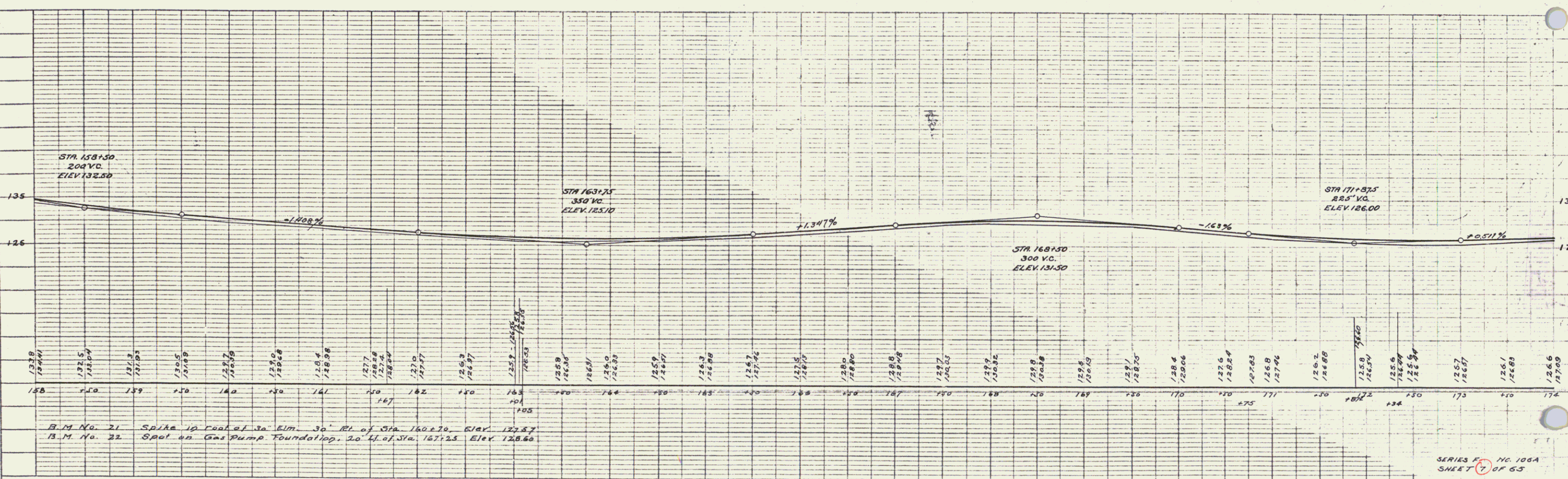
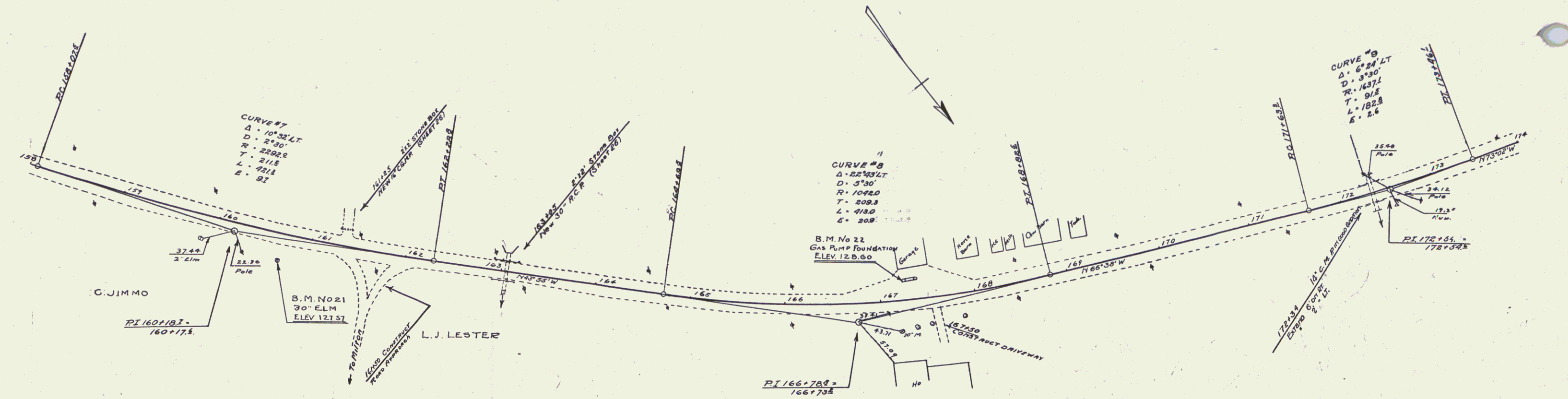


PLATE 1-PLAN-PROFILE - P. R. & E. STANDARD
HEATH & ESSER CO., NEW YORK

SERIES 1 NO. 106A
SHEET 7 OF 65

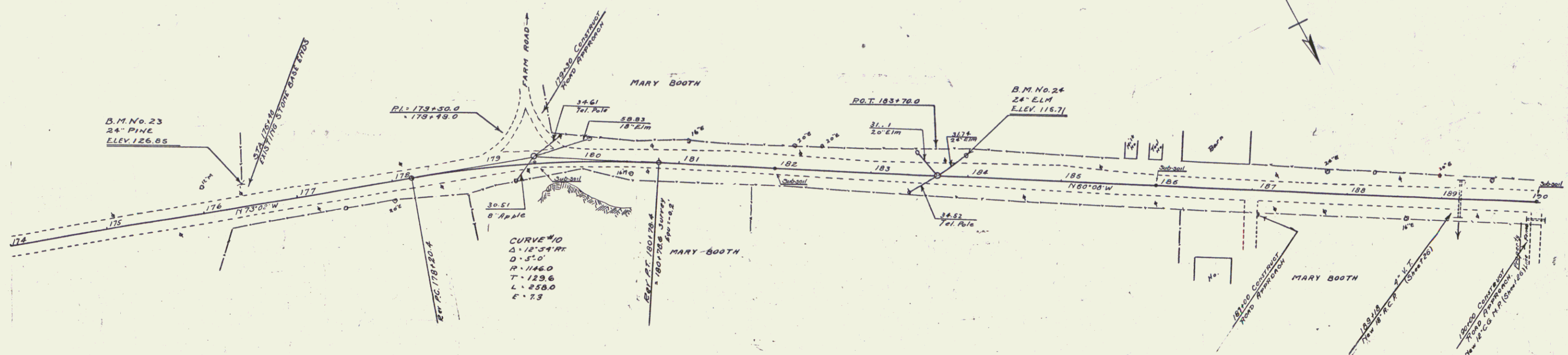
6

WOOD GUARDRAIL REQUIRED
CULVERT STATION LEFT RIGHT
189+10 24' 24'

NEW REINF CONCRETE PIPE CULVERTS REQUIRED
STATION DIAM. LENG. CONC. A CONC. C. REINF. STEEL
189+10 18" 36' 30 C.Y. 33'

DRIVEWAY PIPE CULVERTS REQUIRED
(CORR. GALV. METAL PIPE)
STATION LENG. DIAM. LENG. CEMENT RUMBLE MASONRY
180+00 18" 24' 23 C.Y.

FED. ROAD STATE DIST. NO. 8 VT. 1064 1950 01 65



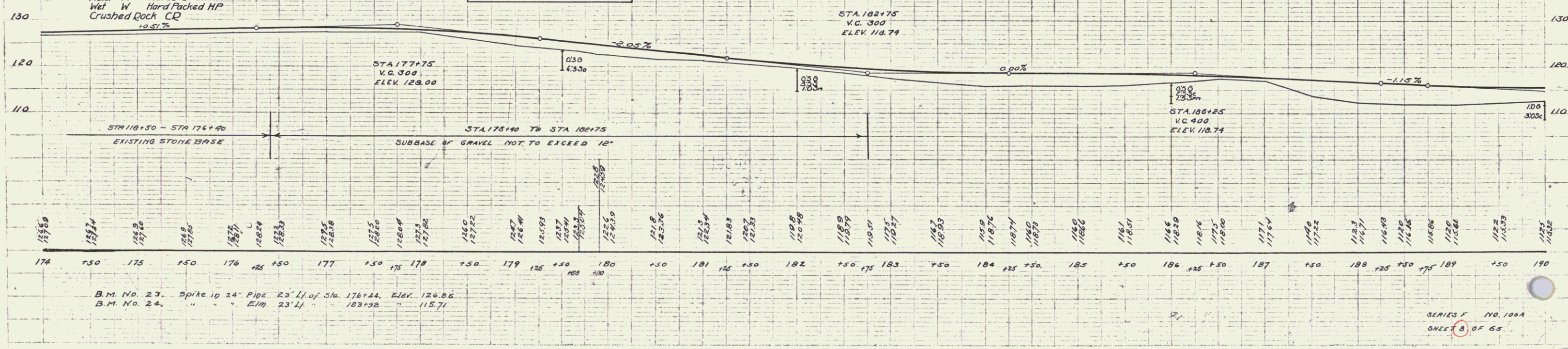
SUB-SOIL CLASSIFICATION

Humus H
Gravel G
Sand S
Silt Sr
Clay C
Quicksand Q
Ledge L

LEGEND
Dry D
Moist M
Wet W
Crushed Rock CR

Date of Investigation
Nov. 20, 1950
Dec. 3, 1950

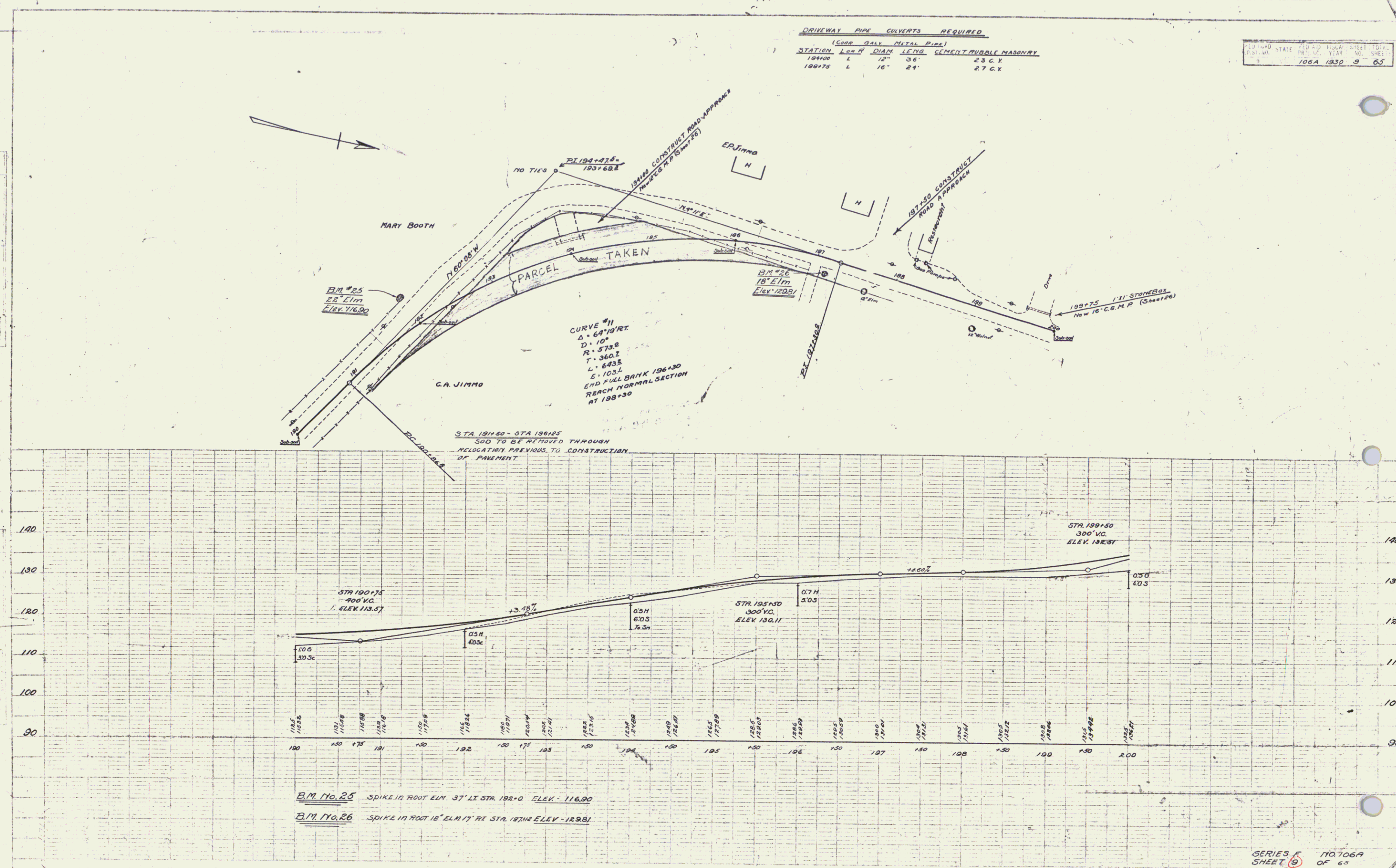
Curve No. 10 Revised
P.I. was 179+50.0 = 179+49.0
P.I. is 179+50.0 = 179+48.8
Δ was 12° 54' 15" 12° 54'
D = 6° 0' 5" 5° 0'
E = 99.50 = 714.60
T = 108.0 = 129.6
L = 215.0 = 258.0
E = 6.1 = 7.3
P.C. = 178+42.0 = 178+20.4
P.T. = 180+57.0 = 180+18.4
R = 180+78.6



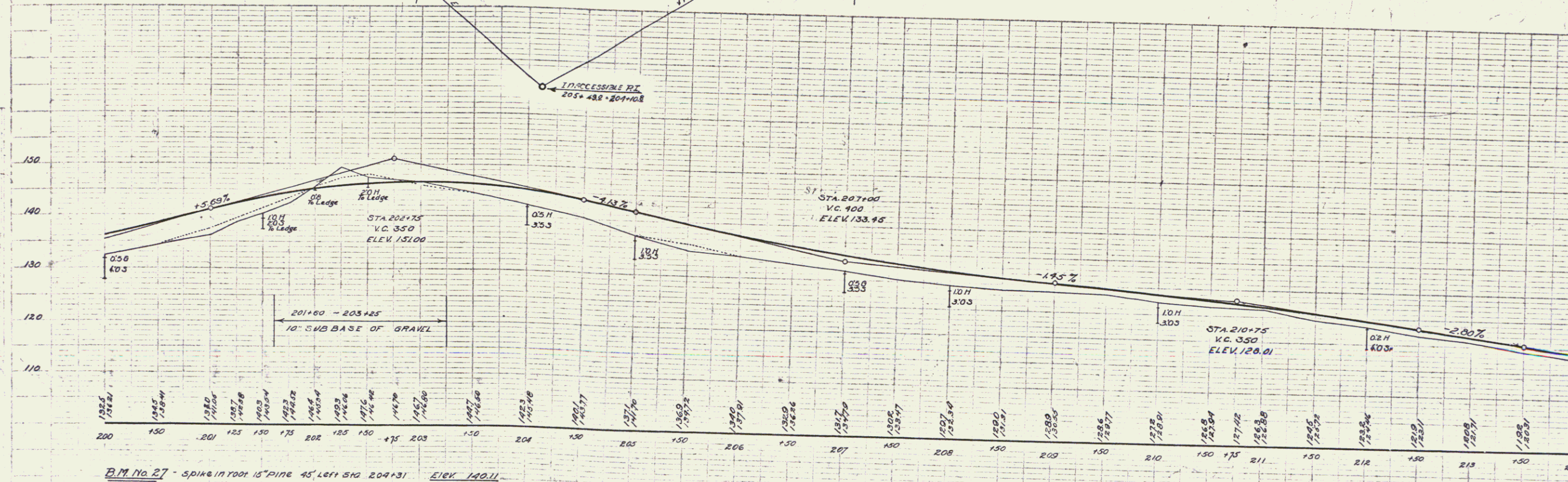
SERIES F NO. 1064
SHEET 8 OF 65

DRIVEWAY PIPE CULVERTS REQUIRED				
		(CORR GALV METAL PIPE)		
STATION	LEN	DIAM	LENG	CEMENT MURBLE MASONRY
194+00	L	12"	36'	2.3 C.Y.
199+75	L	16"	24'	2.7 C.Y.

NO.	STATE	FEED NO.	PLAN SHEET	TOTAL SHEETS
106A	1930	9	65	



B.M. No. 25 SPIKE IN ROOT ELM. 37' LT STA 192+0 ELEV. 116.90
 B.M. No. 26 SPIKE IN ROOT 18" ELM 17' RT STA 197+0 ELEV. 120.81



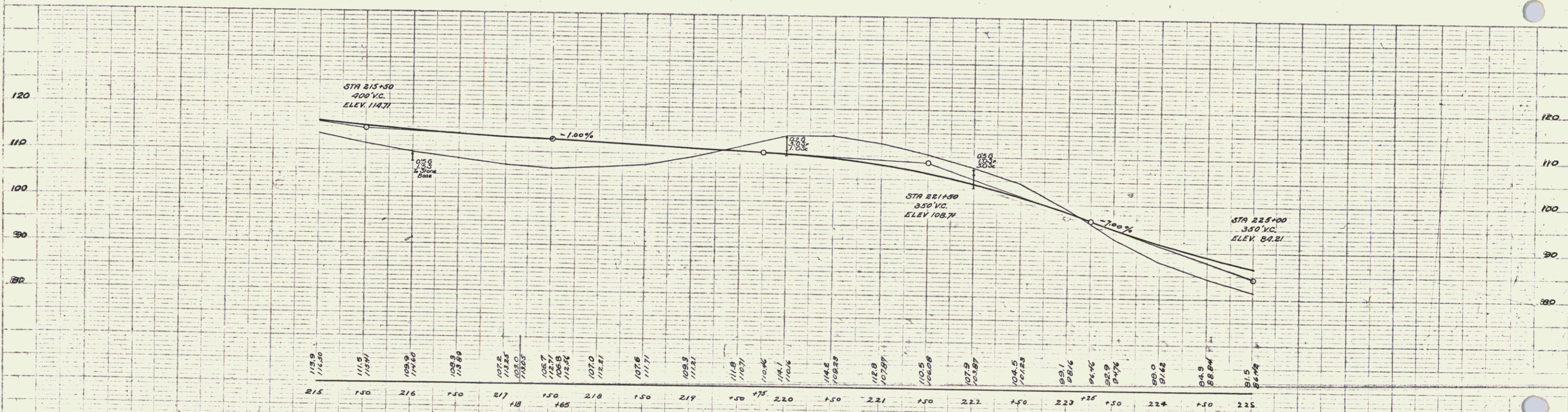
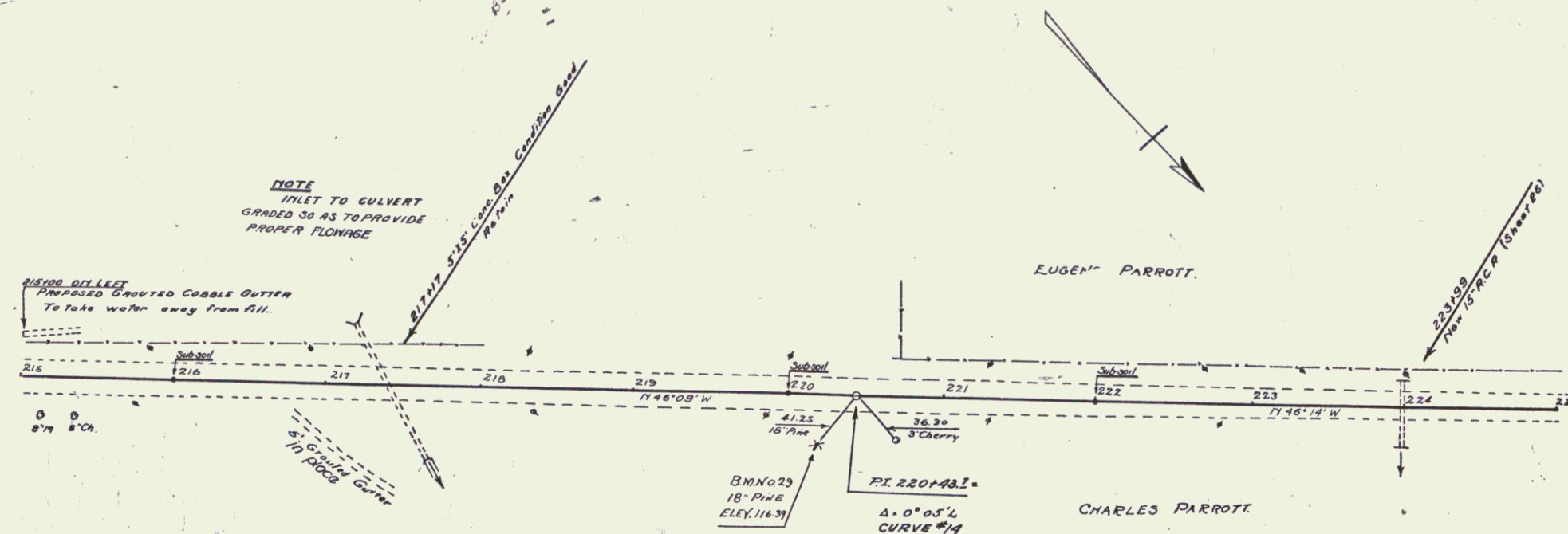
SERIES F NO. 106A
SHEET 10 OF 65

CABLE GUARD RAIL REQUIRED		
STATION	LEFT	RIGHT
214+00 - 218+70	256'	
219+00 - 219+70		330'
223+80 - 225+00	112'	112'

NEW REIN. CONCRETE PIPE CULVERTS REQUIRED				
STATION	DIAM.	LENG.	CONC. A	CONC. C REIN. STEEL
223+99	15"	44'	2.3 CX	33"

GRADED COBBLE GUTTER REQUIRED				
STATION	LEN.	WIDTH	LENG.	AREA
215+00	2'	Variable	Variable	50 Sq. Yds. (approx)

DATE: 10/10/30
 DRAWN BY: J. H. 105A
 SHEET 11 OF 65



WOOD GUARDRAIL REQUIRED

CULVERT STATION	LEFT	RIGHT
230+03	84'	
231+43 Bridge	24'	
234+79 Bridge	20'	

CABLE GUARDRAIL REQUIRED

STATIONS	LEFT	RIGHT
225+00 - 225+64	64'	
229+43 - 231+43	200'	
234+79 - 235+99	120'	

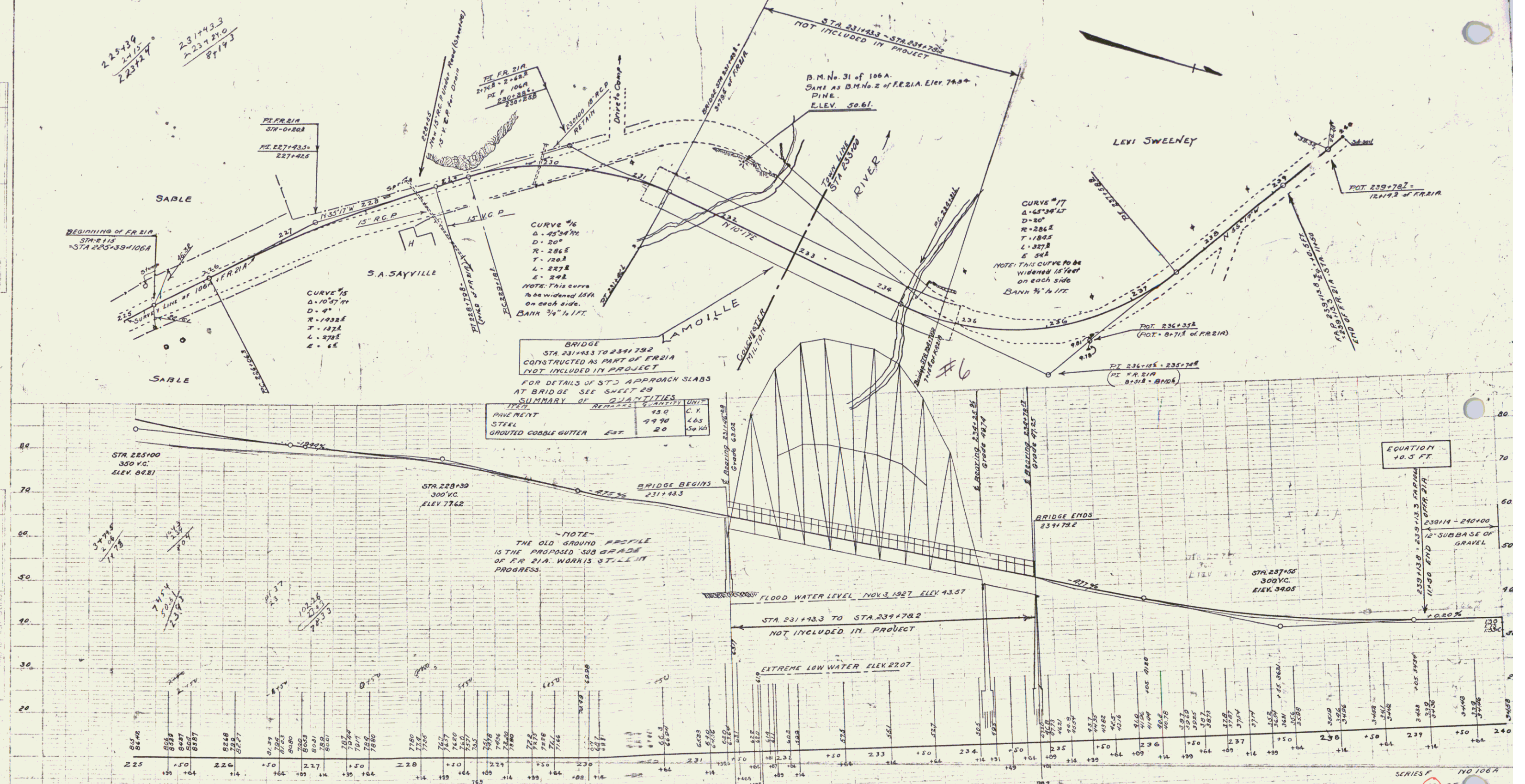
NEW REINFORCED CONCRETE PIPE CULVERTS REQUIRED

STATION	DIAM.	LENG.	CONG. C.	CONG. G.	REIN. STEEL	BI	PRECAST TOP
228+58	15"	40'	1.5CY	1.2CY	77#		

VITRIFIED CLAY PIPE REQUIRED

STATION	DIAM.	LENG.	CONG. C.	REIN. STEEL
220+55	15"	60'	1.2CY	17#

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES
SHEET NO. 12 OF 65
106A 1930 12 65



B.M. No. 31 of 106A. Elev. 30.61 on Pipe.
Same as B.M. No. 2 of F.R. 21A. Elev. 74.54

SERIES F
SHEET 12 OF 65

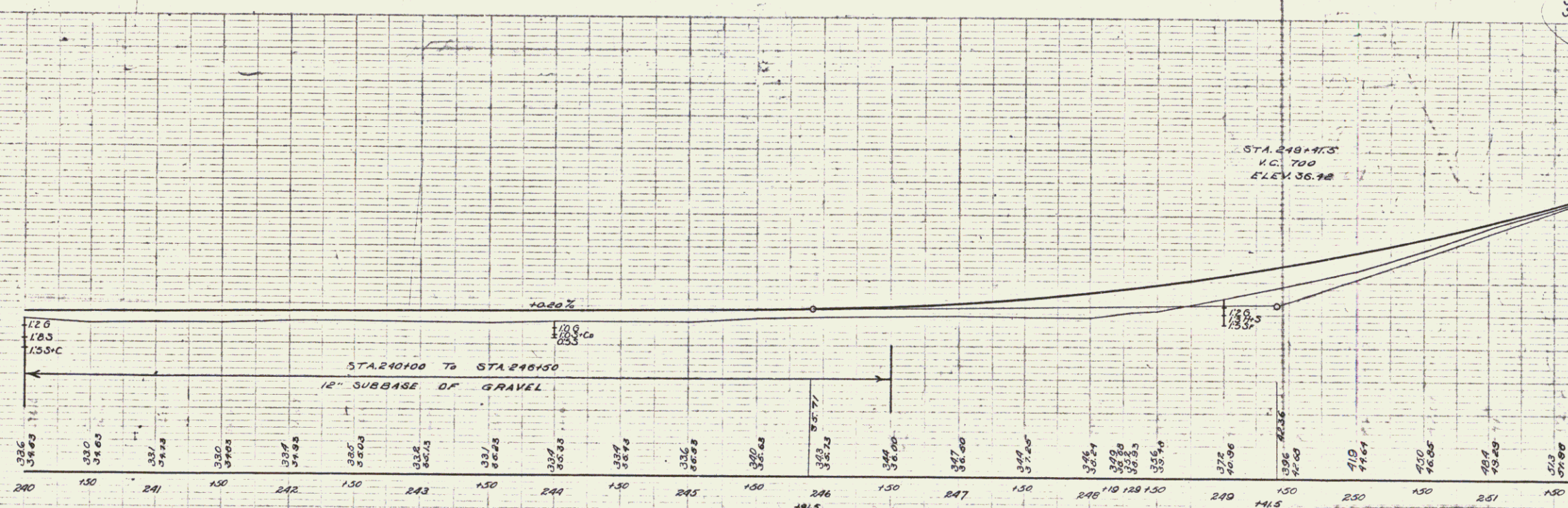
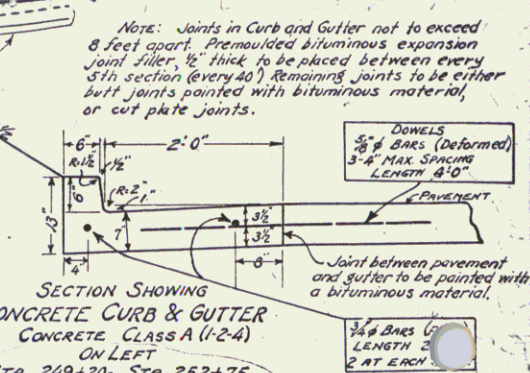
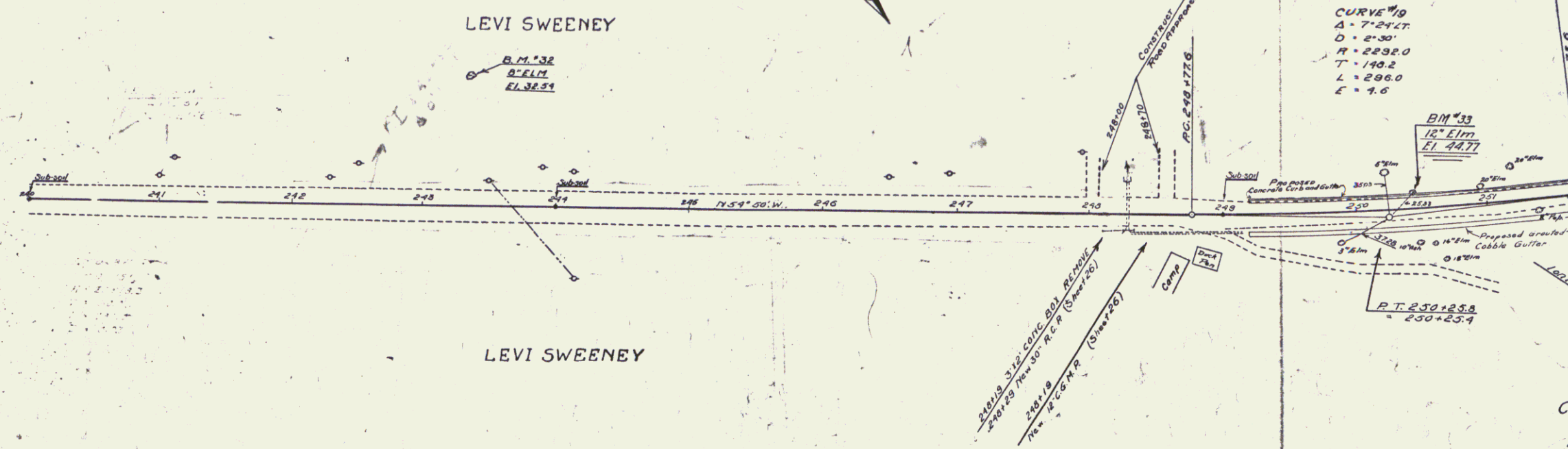
CABLE GUARD RAIL REQUIRED			
STATION	LEFT	RIGHT	
247+01-248+47	56'		
249+20-252+00	280'	56'	
247+71-248+67		96'	

NEW REINF CONCRETE PIPE CULVERTS REQUIRED					
STATION	DIAM	LENG	CONC	CONC	REINF STEEL
248+23	30"	56'	3.2CY		30"

DRIVEWAY PIPE CULVERTS REQUIRED				
(CORR GALV METAL PIPE)				
STATION	LENG	DIAM	LENG	CEMENT RUBBLE MASONRY
248+13	11'	18"	100'	2.3CY

GROUTED CABLE GUTTER REQUIRED			
STATIONS	LENG	WIDTH	AREA
249+20-252+00	280'	4'-0"	280' 124 Sq Yds

CONCRETE CURB AND GUTTER REQUIRED			
STATIONS	LENG	WIDTH	AREA
249+20-252+75	255'	6"	24CY 628.166

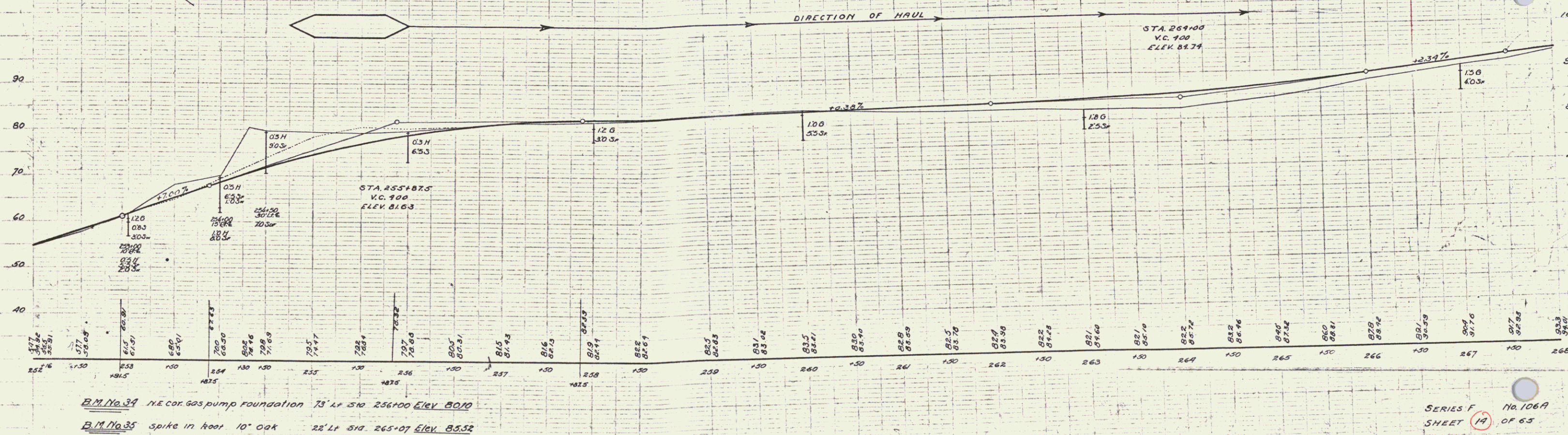
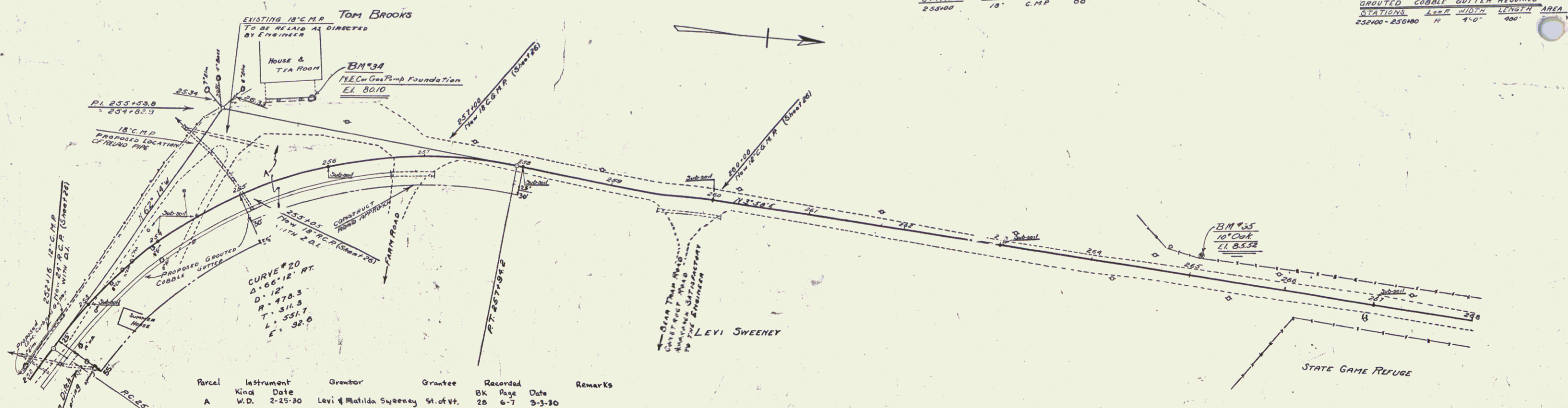


B.M. No. 32 Spike in root of Elm 50' Lt Sta 243+33 Elev 32.54
 B.M. No. 33 Spike in root of Elm 13' Lt Sta 250+44 Elev 44.77

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	106A	1930	14	65

RELAYING	PIPE	CULVERTS	REQUIRED
STATION	DIAM.	TYPE	LENGTH
255100	18"	C.M.P.	88'

GROUTED COBBLE GUTTER REQUIRED				
STATIONS	LOW R	WIDTH	LENGTH	AREA
252+00 - 256+00	R	4'-0"	400'	



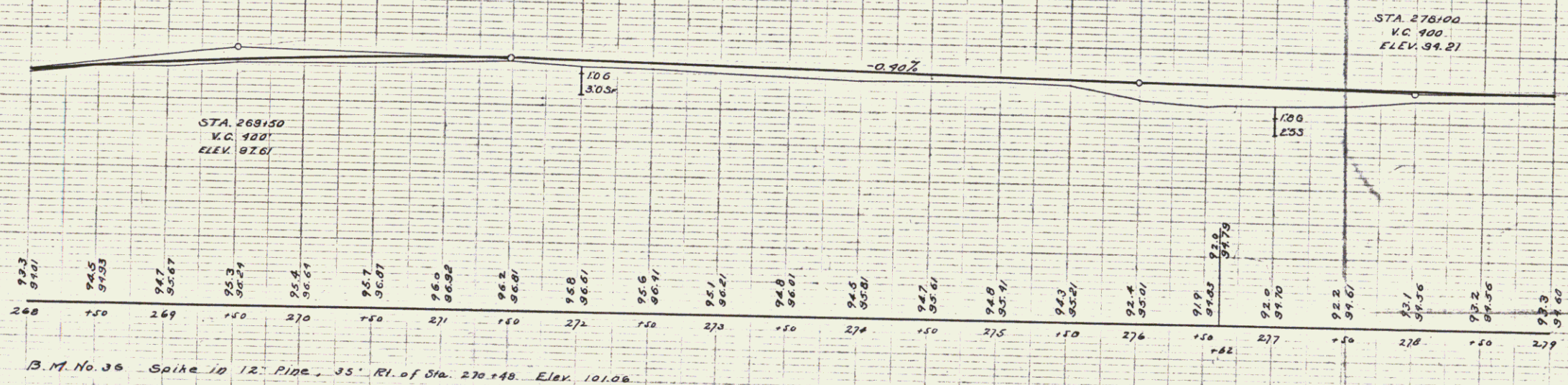
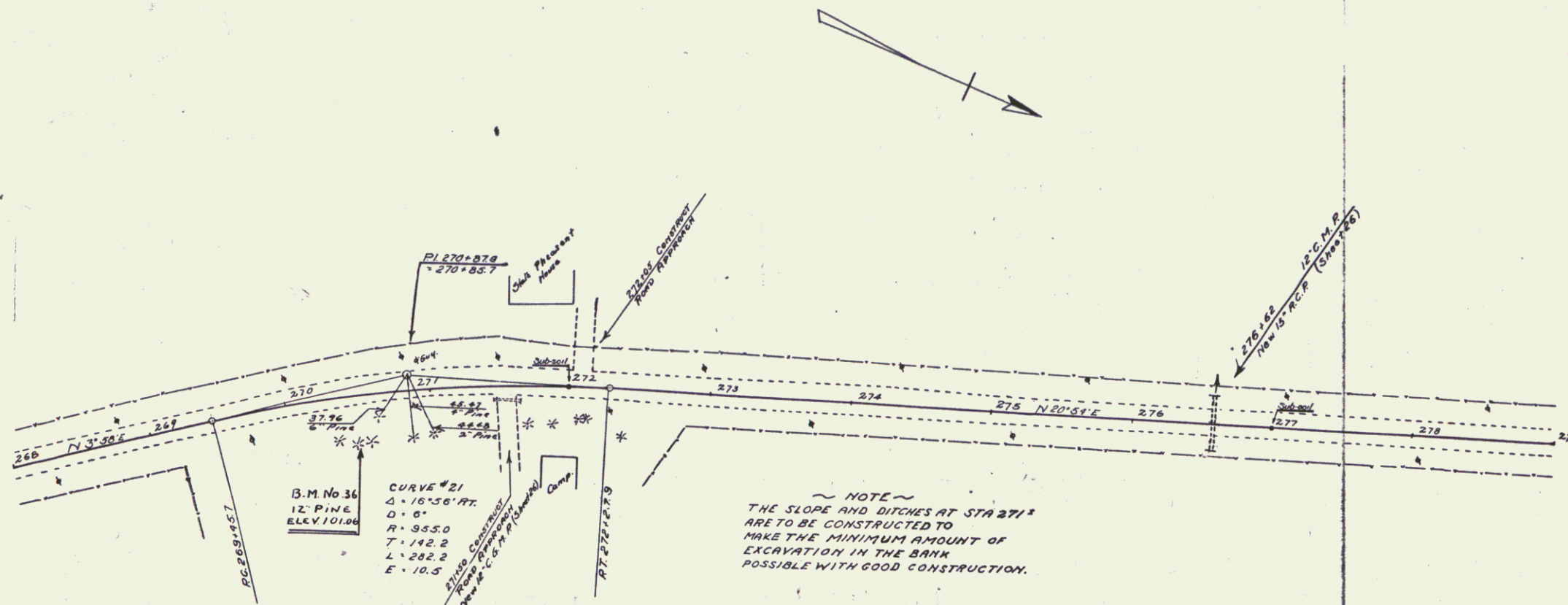
SERIES F No. 106A
SHEET 19 OF 65

WOOD GUARD RAIL REQUIRED
 CULVERT STATION LEFT RIGHT
 276+42 24' 24'

NEW REINFORCED CONCRETE PIPE CULVERTS REQUIRED
 STATION DIAM. LENGTH CONC. R. REINFORC. R.C.Y.
 276+42 15" 40' 23.00' 33"

DRIVEWAY CULVERTS REQUIRED
 (CERR. GAIN METAL PIPE)
 STATION DIAM. LENGTH CEMENT RUBBLE MASONRY R.C.Y.
 271+50 18" 20' 23.00'

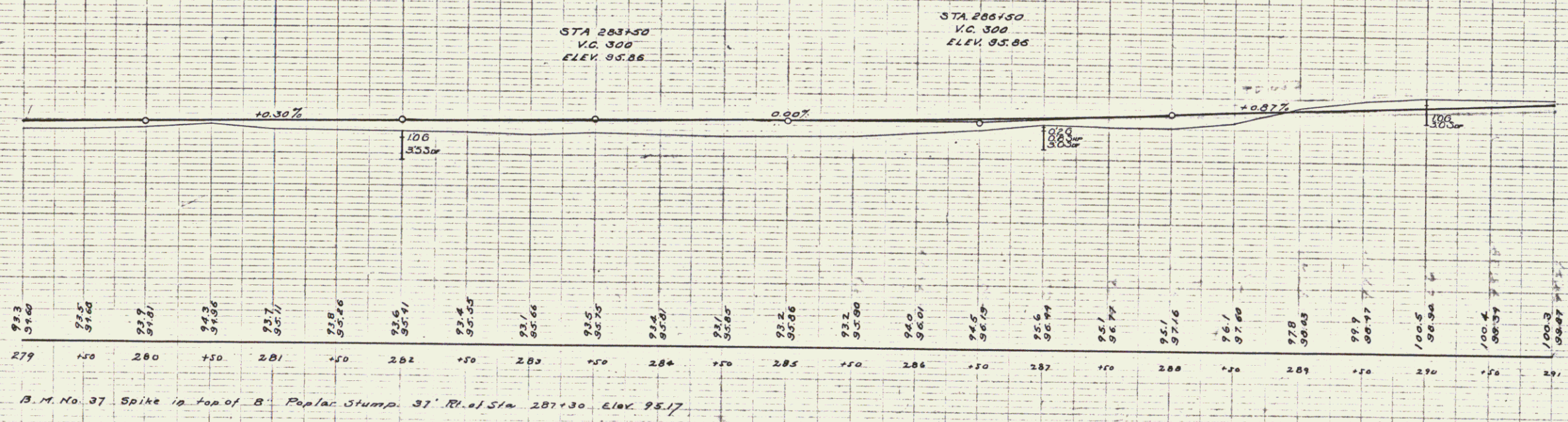
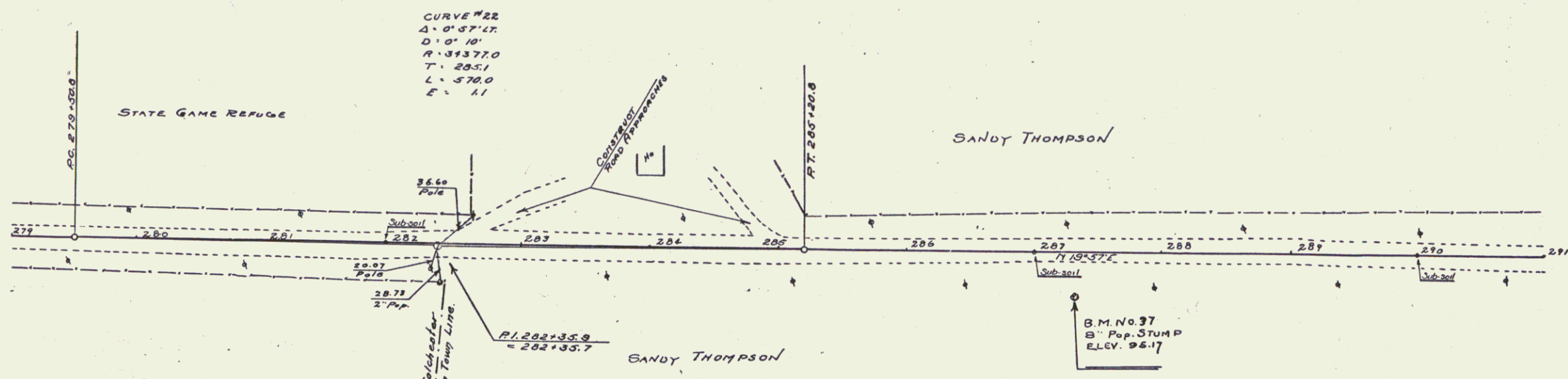
FED. ROAD DIST. NO. 1064 1930 15 65



SERIES F NO 1064
 SHEET 13 OF 65

PLAN
 1/4" = 100'
 NOTE: ROAD IS UNDER CHURCH
 NO. 1064

PROFILE
 1/4" = 10'
 NOTE: ROAD IS UNDER CHURCH
 NO. 1064



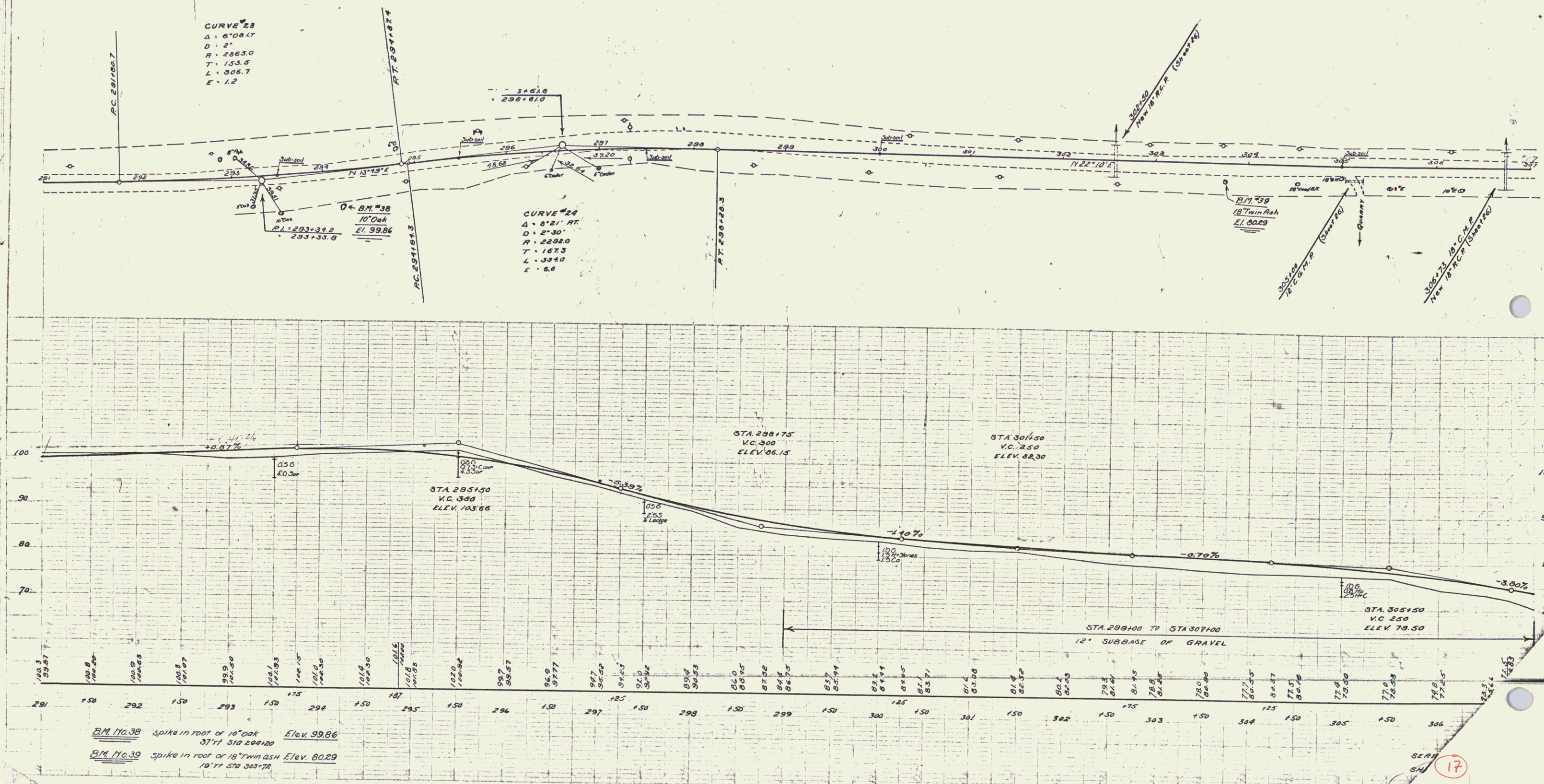
WOOD GUARD RAIL REQUIRED
CULVERT STATION LEFT RIGHT
302+50 24' 24'
306+73 104'

CABLE GUARD RAIL REQUIRED
STATIONS LEFT RIGHT
306+58-307+00 41'

NEW REIN. CONCRETE PIPE CULVERTS REQUIRED
STATION DIRM L&D CORR. A CORR. C REIN. STEEL
302+50 18' 36' 30 CY 33"
306+73 18' 40' 30 CY 33"

DRIVEWAY PIPE CULVERTS REQUIRED
(CORR. GALT METAL PIPE)
STATION L&D CORR. A CORR. C CEMENT RUBBLE MASONRY
305+00 14' 20' 23 CY

OLD ROAD	STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VT.	100A	1930	17	65	

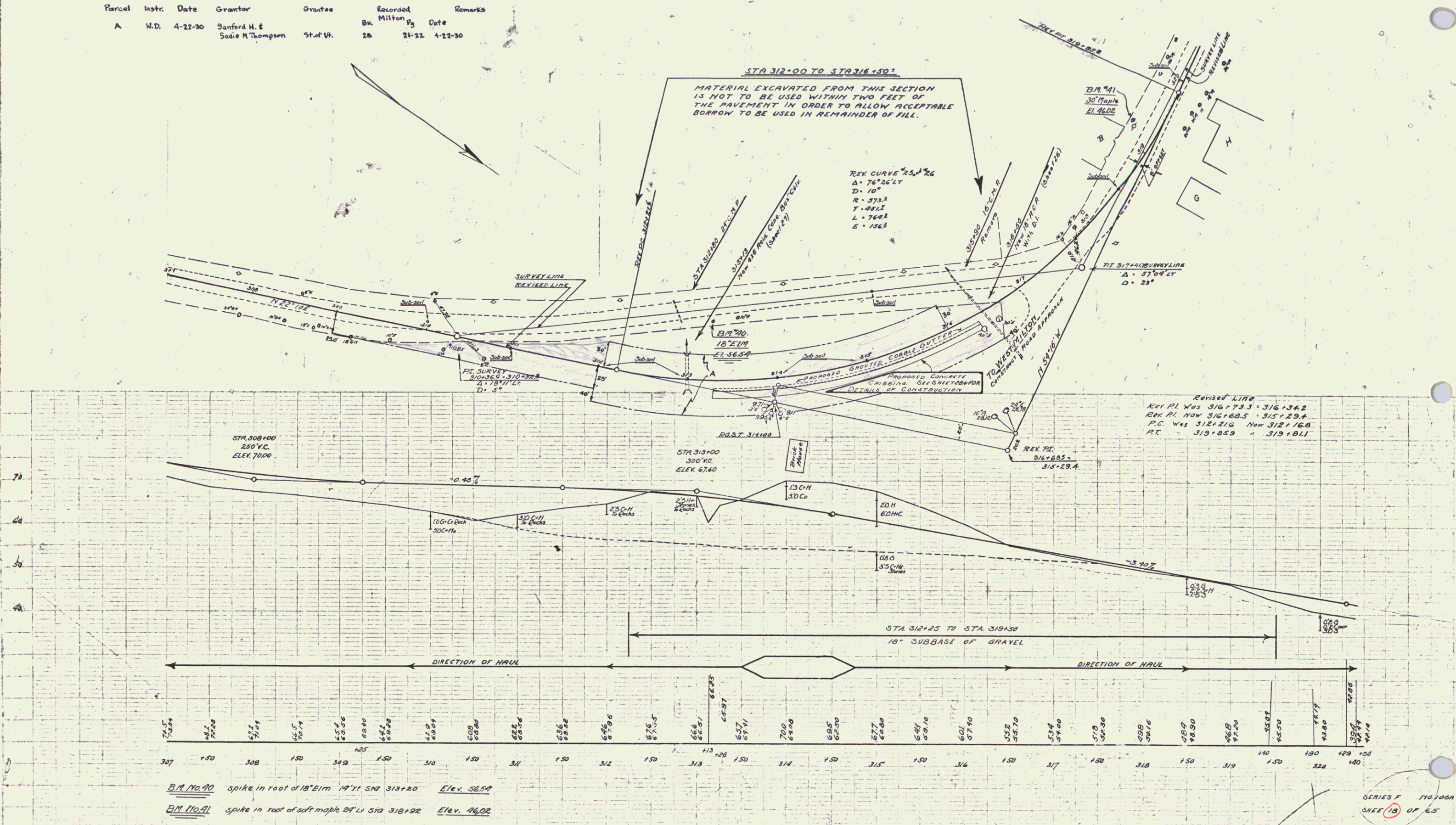


<u>CONCRETE CRIBBING REQUIRED</u>			
<u>STATIONS</u>	<u>LOW R</u>	<u>LENGTH</u>	<u>QUANTITY</u>

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	106A	1930	18	65

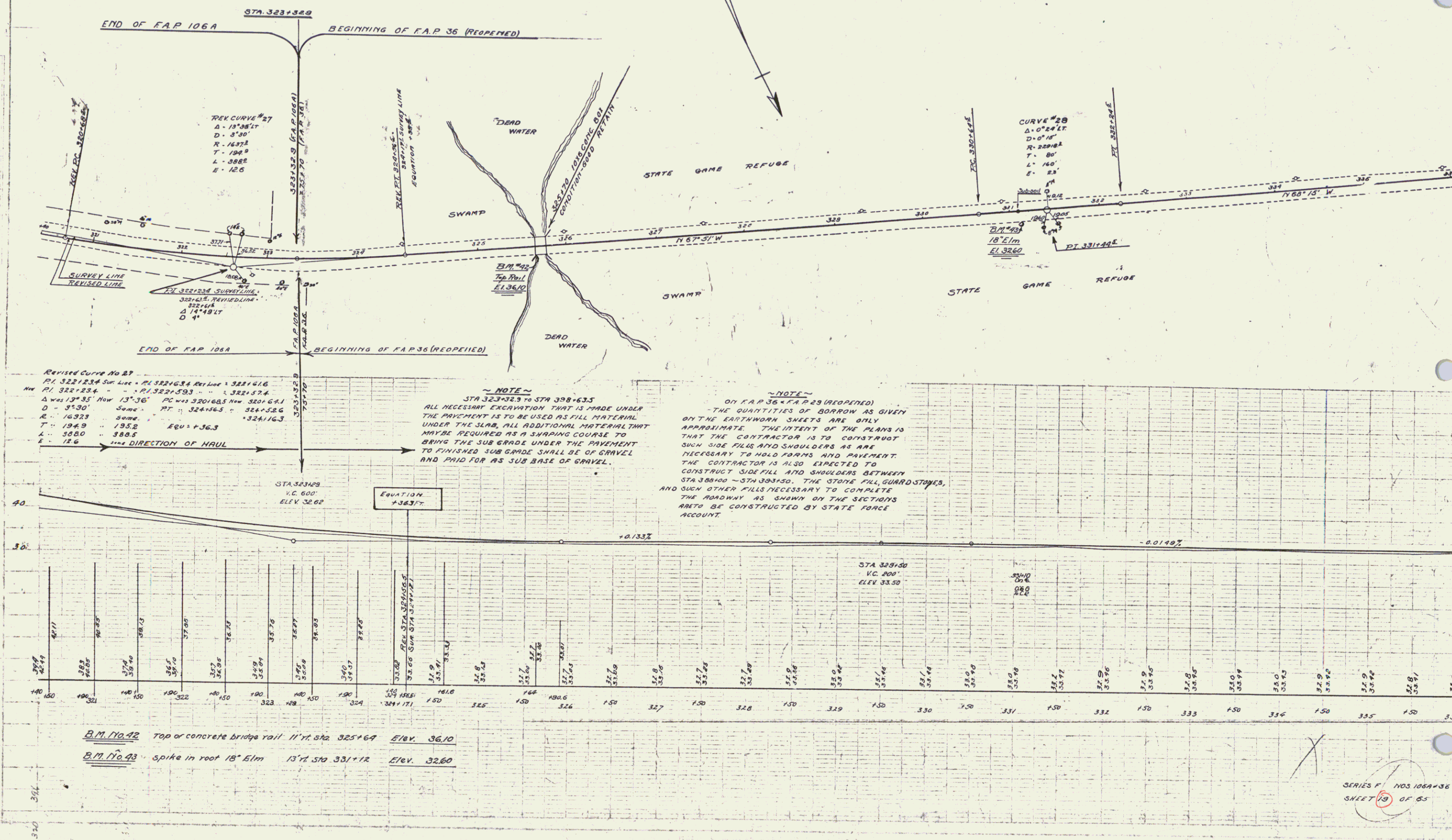
NEW REINF CONCRETE BOX CULVERTS REQUIRED			
STATION	SIZE	CONC-A	REINF STEEL
3+13	116	217CY	2360#

Parcel	Instr.	Date	Grantor	Grantee	Recorded Bk Milton Pg	Rev Date
A	N.D.	4-22-30	Sanford H. & Sadie M. Thompson	Staf. Vt.	28 21-22	4-22-30

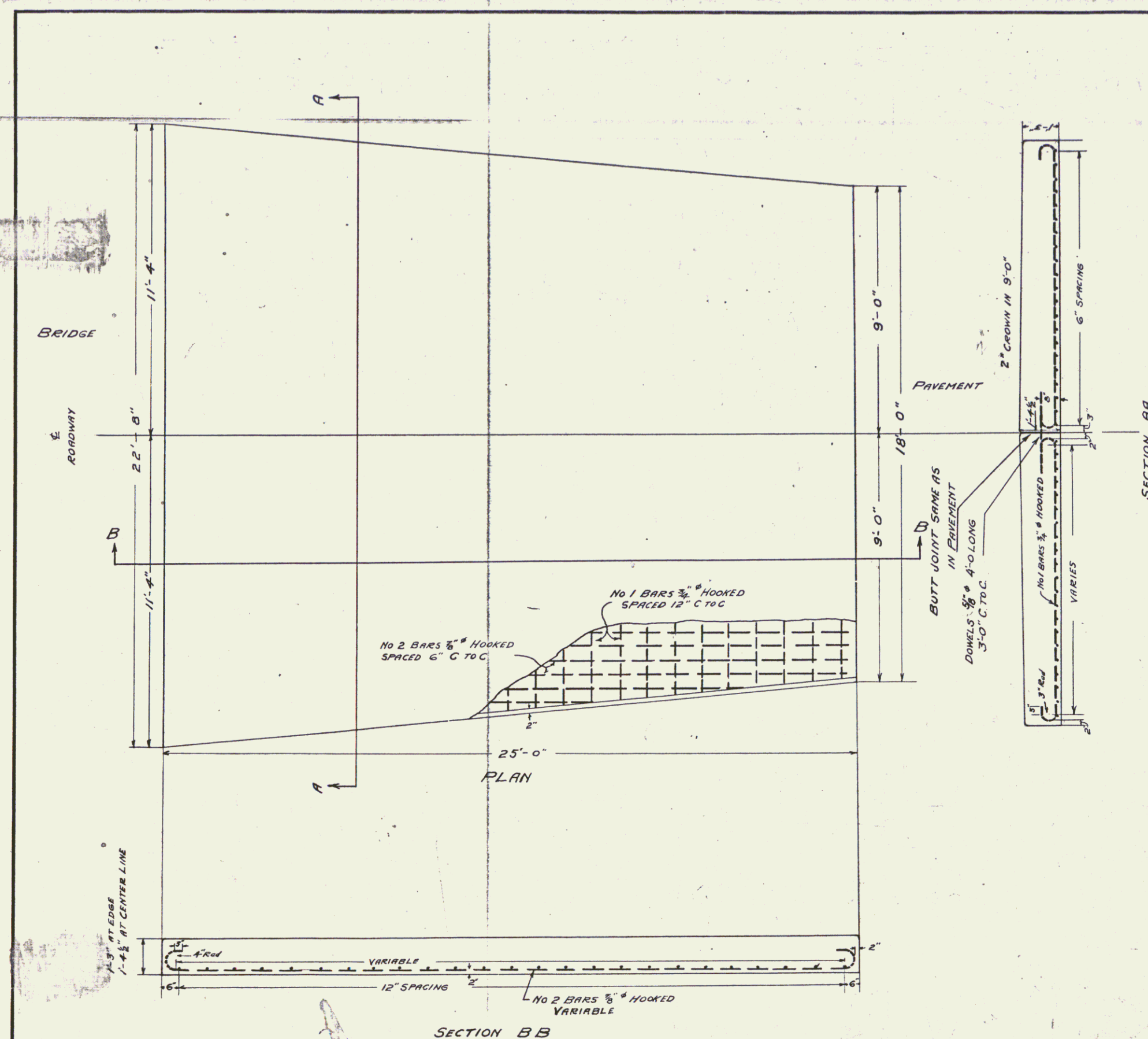


WOOD GUARDRAIL REQUIRED		
STATION	LEFT	RIGHT
325+00 - 325+75	24'	24'
325+75 - 326+00	24'	20'

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
108A	1930	19	65	



SERIES F NOS 108A-36
 SHEET 19 OF 65



DETAILS
OF
APPROACH SLAB
FOR
BRIDGE AT STA 438+00
FAP29 REOPENED
NON-GOV'T PARTICIPATION
SCALE 1/2"=1'-0"

Reinforcing in slab to be paid
for as Reinforcing Steel - Item 35.

QUANTITIES FOR TWO APPROACH SLABS	
ONE COURSE CEMENT CONCRETE PAVEMENT	49.4 C.Y.
REINFORCING STEEL	6060 LBS

Surveyed by _____
Designed by _____
Drawn by *H.W.M.*
Traced by *A.J.M.*
Checked by *M.W.D.*
Series *FA* No. *106A* Filed _____
Sheet *(30)* of _____ Sh _____