

INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
" 2	TYPICAL CROSS-SECTION OF IMPROVEMENT (BITUMINOUS MACADAM)
" 3-13	PLAN AND PROFILE STA.
14	STANDARD STRUCTURE SHEET 3-20
15	" " " 3-21
16	" " " 3-22
17	STANDARD BRIDGE SHEET 3C-1
19	5x6 " STA. 86+50
20-27	CROSS SECTION SHEETS

FED. ROAD DIST. NO.	STATE	F. R. PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	15-F	1929	1	57

**STATE OF VERMONT
STATE HIGHWAY DEPARTMENT**

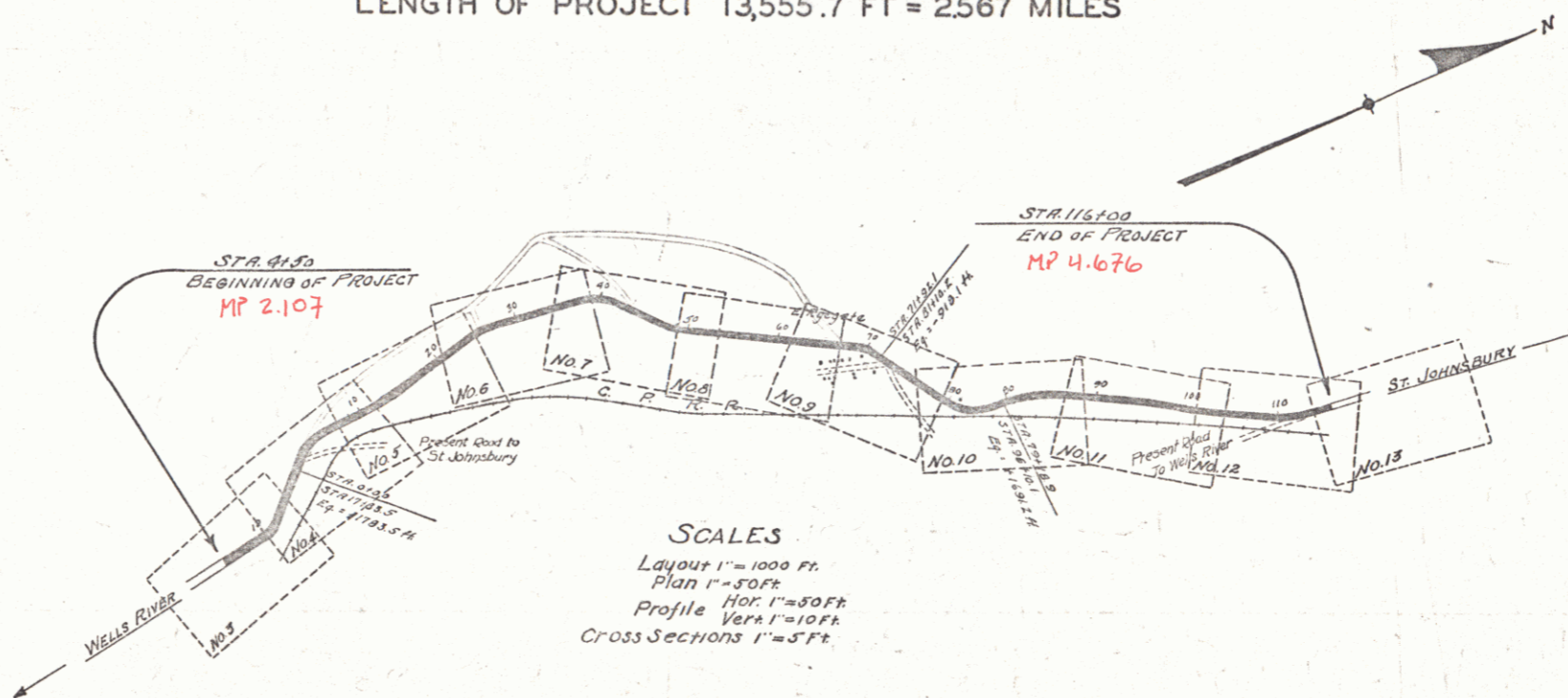
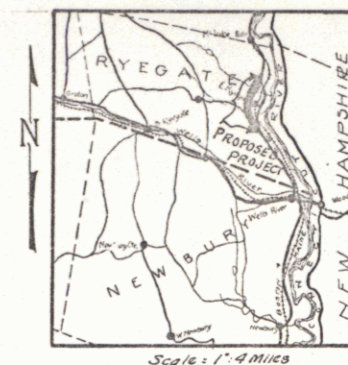
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY**

FLOOD RELIEF PROJECT

TOWN OF RYEGATE Pin# 99R344

WELLS RIVER-ST. JOHNSBURY ROAD

FROM A POINT 0.30 MILES SOUTH OF THE 1ST R.R. CROSSING
NORTH OF WELLS RIVER, NORTHERLY 2.567 MILES
LENGTH OF PROJECT 13,555.7 FT = 2.567 MILES



RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte. 104 of U.S.S.
(To Be Returned To R.O.W. Division)
Project: F.R. 15-F

APPROVED: June 21, 1929
H. E. ...
CHIEF ENGINEER
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
June 21, 1929
M. R. ...
COMMISSIONER OF HIGHWAYS

This Project to be constructed in accordance with Standard Specifications on file with the U.S. Bureau of Public Roads as approved July 7, 1926. These plans subject to such revisions as may be required by the Bureau of Public Roads or the Chief Engineer.

Base Course and Surface Course shall not be placed on embankments during the season of 1929.

CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION
TOWN LINE	GRADE ELEVATION
STONE WALL	
UNFENCED PROPERTY	
RAILROAD	
TRAVELED WAY	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CULVERT	
DROP INLET	
TROLLEY 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.

RECOMMENDED: [Signature]
DISTRICT CHIEF, BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL: [Signature]
CHIEF ENGINEER, BUREAU OF PUBLIC ROADS

APPROVED: [Signature]
DIRECTOR, BUREAU OF PUBLIC ROADS

DIST. # 7 Plans. 1

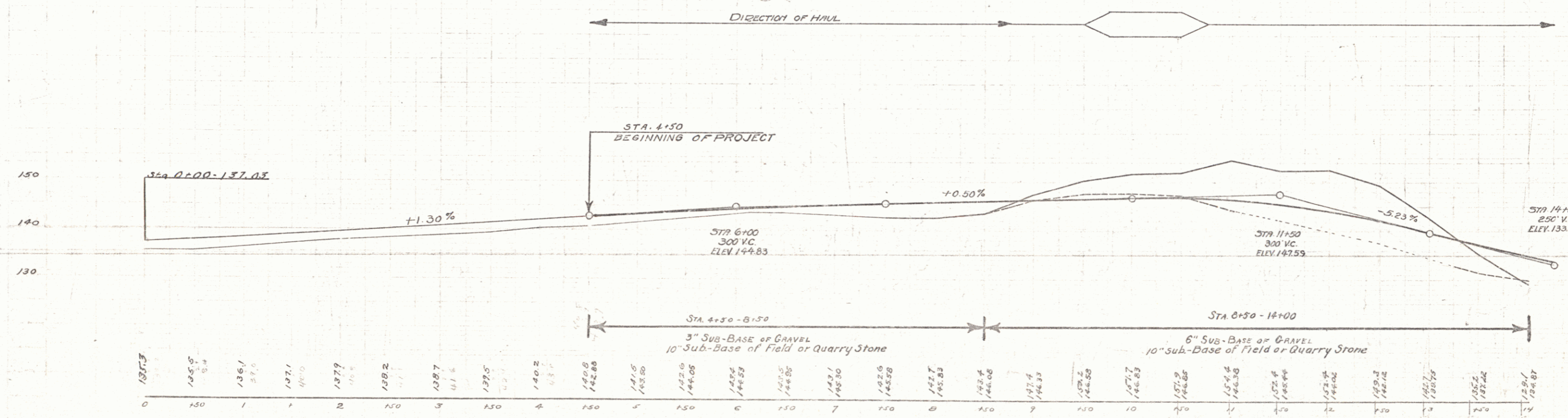
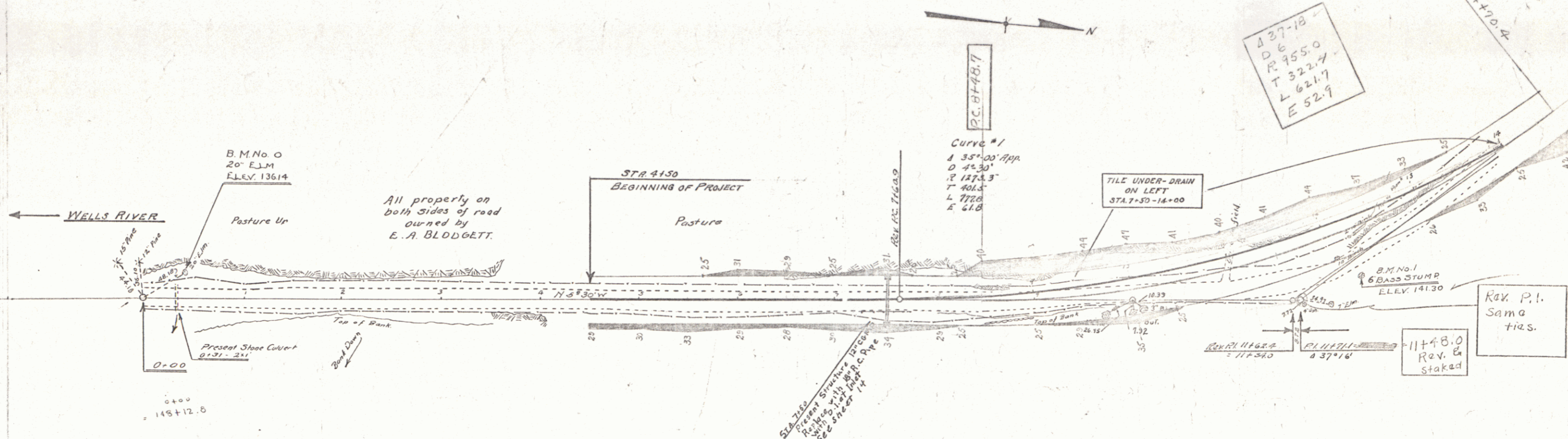
WOOD GUARD RAIL REQUIRED
 Culvert Station: 7+50
 Lin. Ft. Left: 24
 Right: 24

CABLE GUARD RAIL REQUIRED
 Stations: 7+26-7+74
 Lin. Ft. Left: 48
 Right: 48

NEW REINF. CONC. PIPE CULVERTS REQUIRED
 Station: 7+50
 Diam.: 18" 44.L.F. 2.2CY 13B*

TILE UNDERDRAIN REQUIRED
 Stations: 7+50-14+00
 Lin. Ft. Left: 650
 Right: 650

FED. ROAD DIST. NO.	STATE	F.R. PROJECT	FROM	TO	DATE
157	VT	1029	3	37	



B.M. No. 0. Spike in 20" Elm Left of Sta. 0+39 Elev 136.14
 B.M. No. 1. 6" Bass Stump Pt. of Sta. 12+23 Elev 141.30

WOOD GUARD RAIL REQUIRED

Culv Station	LT	RT
15+59	24	-
1+76	24	-
4+26	24	-
6+79	24	-

CABLE GUARD RAIL REQUIRED

Stations	LT	RT
14+22-15+74	-	152
0+24-2+00	-	176
3+52-4+48	-	96
6+55-7+03	-	48

NEW REINF. CONG. PIPE CULVERTS REQUIRED

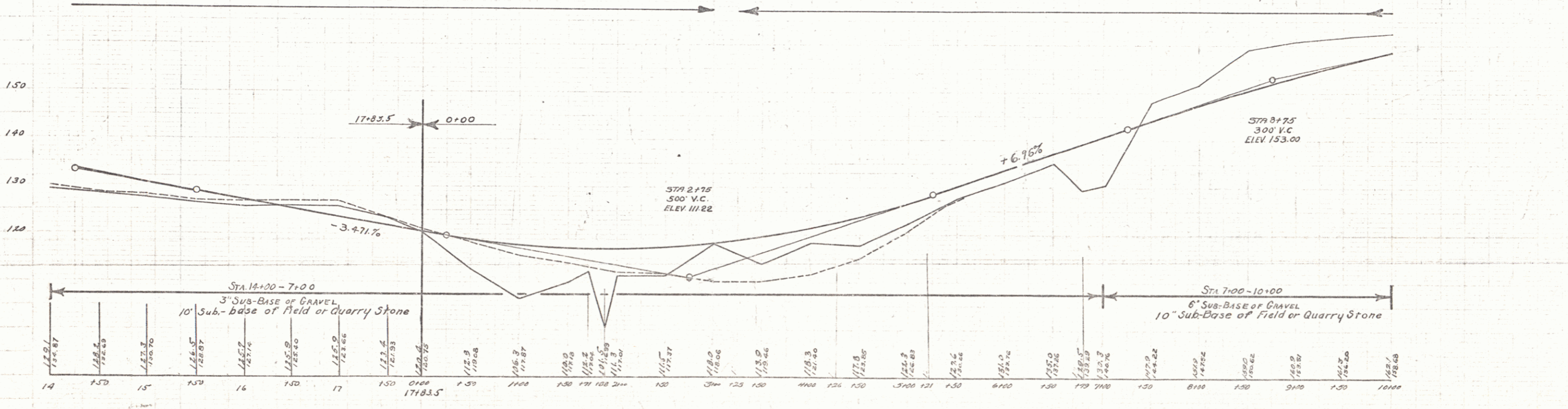
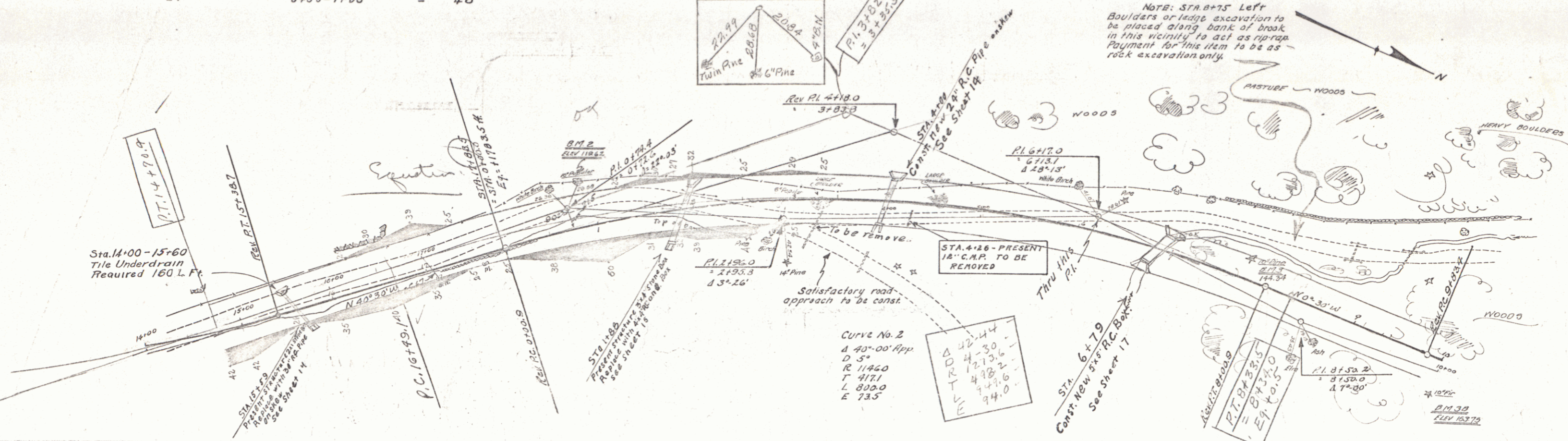
Station	Diam	Len	Conc. A	Steel
15+59	30"	44 ft	3.2 cy	58 lbs
4+00	24"	48 ft	2.4 cy	54 lbs

NEW REINF. CONG. BOX CULVERTS REQUIRED

Station	Size	Conc. A	Steel
1+88	4'x4'	33.4 cy	2229 lbs
6+79	5'x5'	37.1 cy	2552 lbs

Tile Underdrain Required
14+00-15+60 Left 180 LF

Sheet No.	Scale	F.R. No.	Sheet No.	Sheet No.
9	1/2"	157	1929	4 57



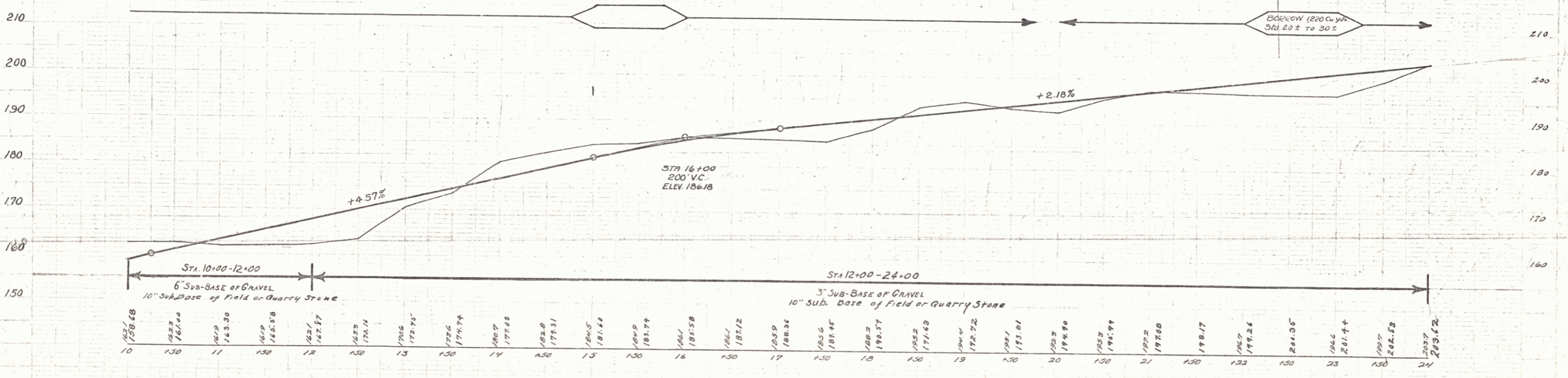
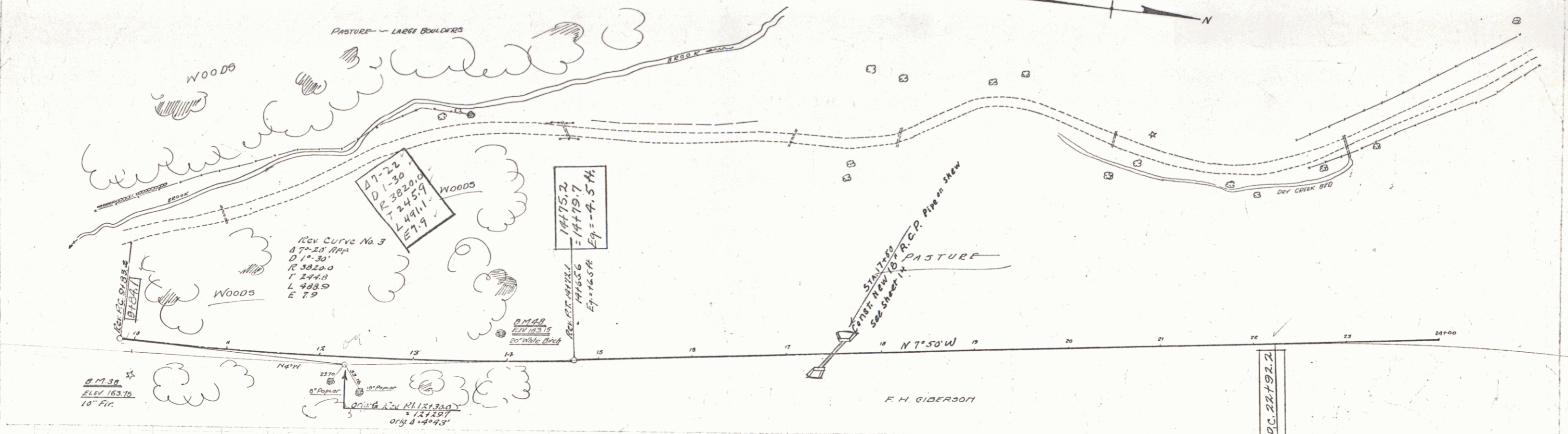
B.M. 2 10" Poplar, Lt. STA. 1+00 Elev. 119.62
 B.M. 3 10" Pine, Lt. - 7+90 Elev. 144.39
 There is another B.M. 3 located near Sta. 6+00 Elev. 129.99

Series FRAG 15E
 Sheet 37

WOOD GUARD RAIL REQUIRED
 CULV. STA. 17+50
 LT. 24
 RT. 24

NEW REINF. CONC. PIPE CULVERTS REQUIRED
 Station 17+50
 Diam. 18"
 Length 36 ft
 Conc. A
 Steel 5A 162

Plan Sheet No.	Sta.	E. R. Dist. No.	Local Dist. No.	Sheet No.	Total Sheets
9	107	107	107	5	57



B.M. 3 B 10" Fir, Rk Sta. 10. Elev. 163.75
 B.M. 4 B 20" White Birch, Lk Sta. 14. Elev. 163.75
 0.17

Sheet 5 of 57

Wood Guard Rail Required
 Culvert Station Left Right
 34+50 24 24

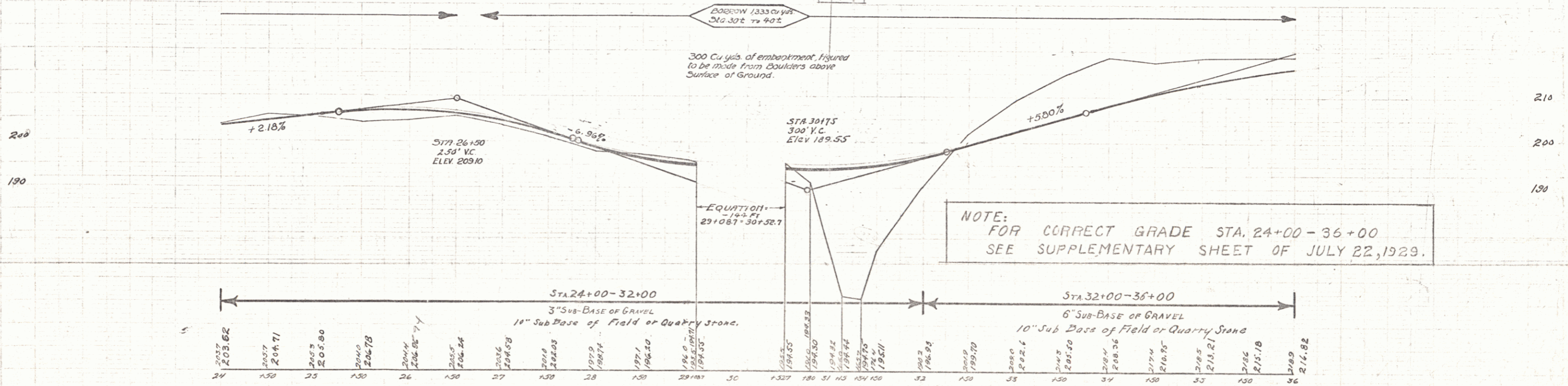
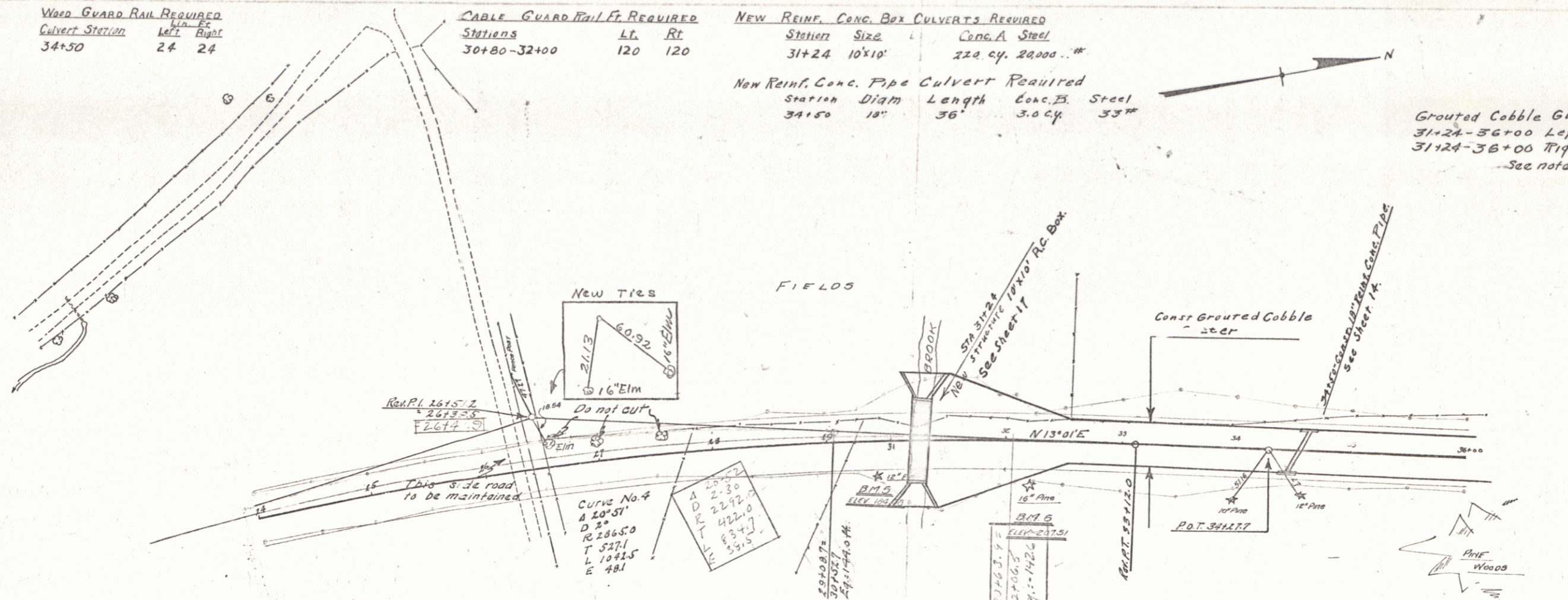
Cable Guard Rail Ft. Required
 Stations Lt. Rt.
 30+80-32+00 120 120

New Reinf. Conc. Box Culverts Required
 Station Size L Conc. Steel
 31+24 10'x10' 222 cy. 28,000 #

New Reinf. Conc. Pipe Culvert Required
 Station Diam Length Conc. Steel
 34+50 18" 36' 3.0 cy. 53 #

Part No.	Rev.	F. D.	Issue	Sheet	Total
9	10	13P	1929	6	57

Grouted Cobble Gutter Required
 31+24-36+00 Left 476 Ft. 159. Sa. Yds.
 31+24-36+00 Right 476 Ft. 159. Sa. Yds.
 See note - sheet 2



3 M. 5 - 10' from 30th RIGHT OF WAY 32+22 - ELEV. 207.61
 3 M. 6 - 10' from 30th RIGHT OF WAY 32+22 - ELEV. 207.61
 Elev. 192.61 For Description see Notes left with 16/11/12

Series ER No 15F
 Sheet 6 of 57

5

WOOD GUARD RAIL REQUIRED

Culv. Sta.	Lt.	Rt.
39+50	24	24
41+25	24	24
47+00	24	24
50+50	24	24

NEW REIN. CONC. PIPE CULVERTS REQUIRED

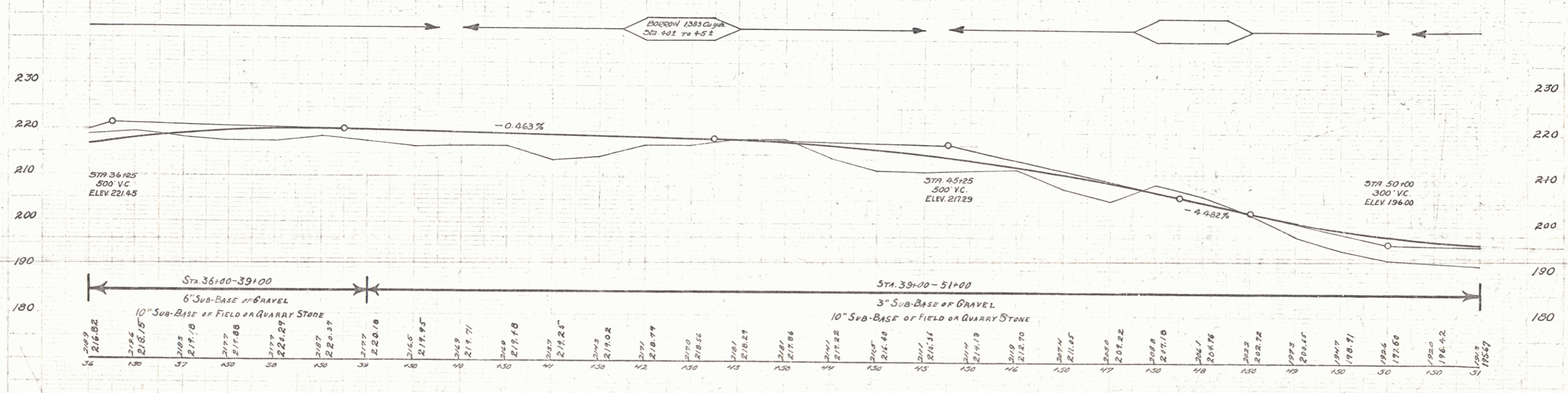
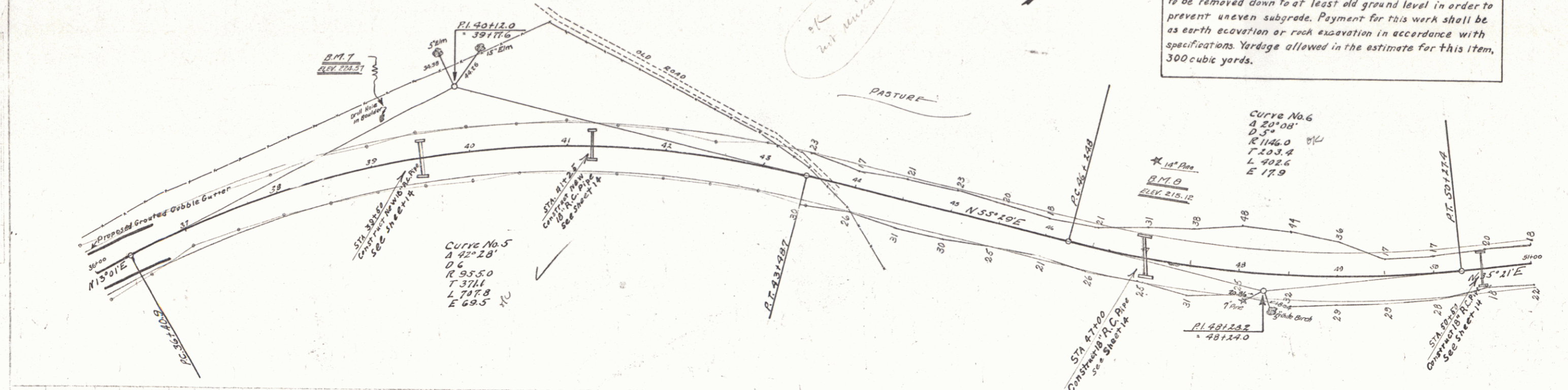
Station	Diem.	Length	Conc. B.	Steel
39+50	18"	36'	3.0	3.3
41+25	18"	40'	3.0	3.3
47+00	18"	40'	3.0	3.3
50+50	18"	32'	3.0	3.3

GRAVEL COBBLE GUTTER REQUIRED

STATIONS	Lin. Feet	Area
36+00-36+75	75	25 sq. yd.
36+00-36+75	-	75

Year	Month	Day	Hour	Min	Sec
1929	7	27			

Note:
Boulders under 24ft. width of roadway thru this section of project and any other section requiring same attention are to be removed and used in embankments. These boulders to be removed down to at least old ground level in order to prevent uneven subgrade. Payment for this work shall be as earth excavation or rock excavation in accordance with specifications. Yardage allowed in the estimate for this item, 300 cubic yards.



B.M. 7 - Drill Hole in Rock, 15ft LEFT OF STA 39+00 - ELEV 224.57
B.M. 8 - 14" Pipe, 100ft LEFT OF STA 47+00 - ELEV 215.12

January No 15F
Sheet No 57

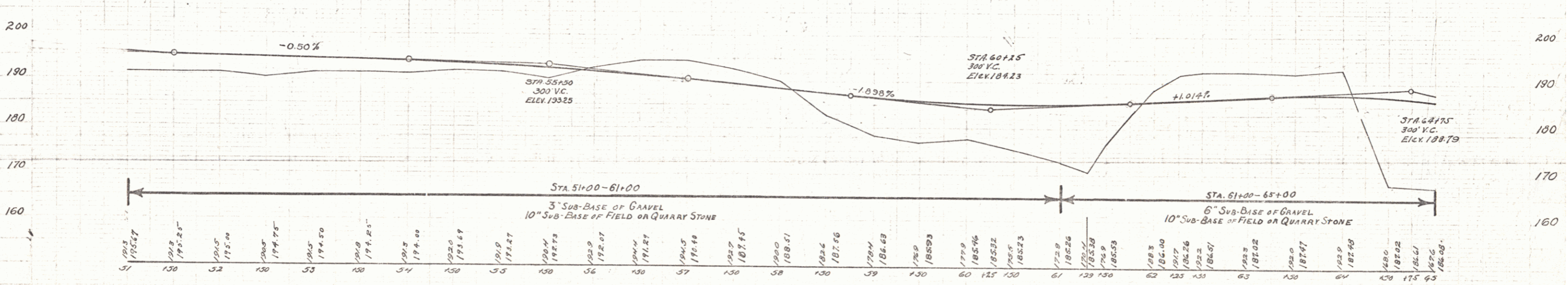
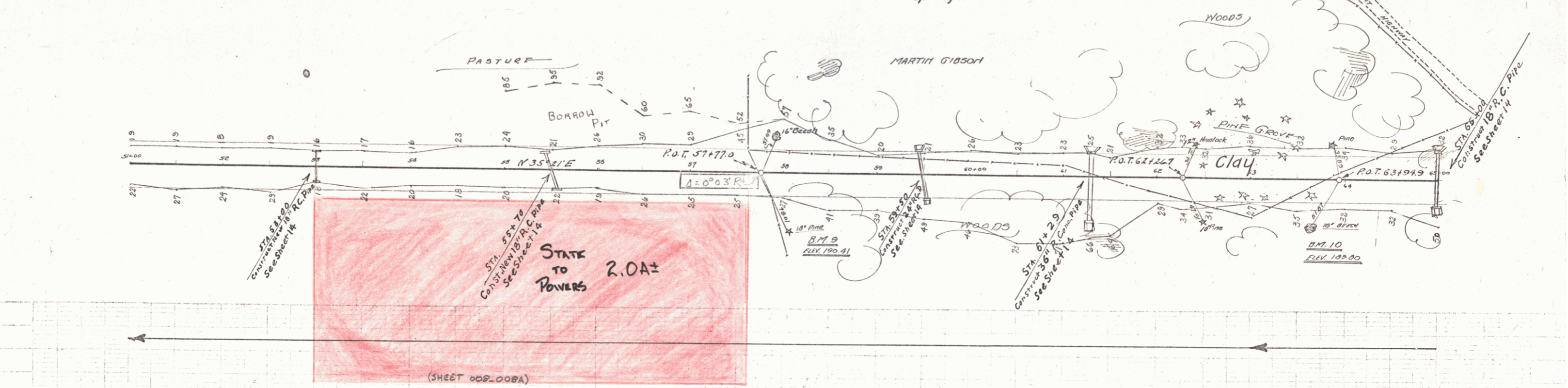
Wood Guard Rail Required	Left	Right
C.V. Sta.		
53+00	24	24
55+70	24	24
59+50	24	-
61+29	24	-
65+00	24	24

Cable Guard Rail Required	Left	Right
Stations		
58+50-61+70	-	320

New Reinf. Conc. Pipe Culverts Required					
Stations	Diag.	Lenq.	Conc. A.	Conc. B.	Steel
53+00	18"	32'	-	3.0 cy	33 lbs.
55+70	18"	40'	-	3.0 cy	33 lbs.
59+50	24"	52'	2.4 cy	-	54 lbs.
61+29	36"	88'	4.0 cy	-	58 lbs.
65+00	18"	68'	-	3.0 cy	33 lbs.

Note: Sta. 59+50± - 40 Lin. Ft. tile under-drain; estimated as required, at this location. This under-drain to be placed under embankment, in order to act as a drain for water from springs.

PLAN STATE F.A. 15F 1323 B 57

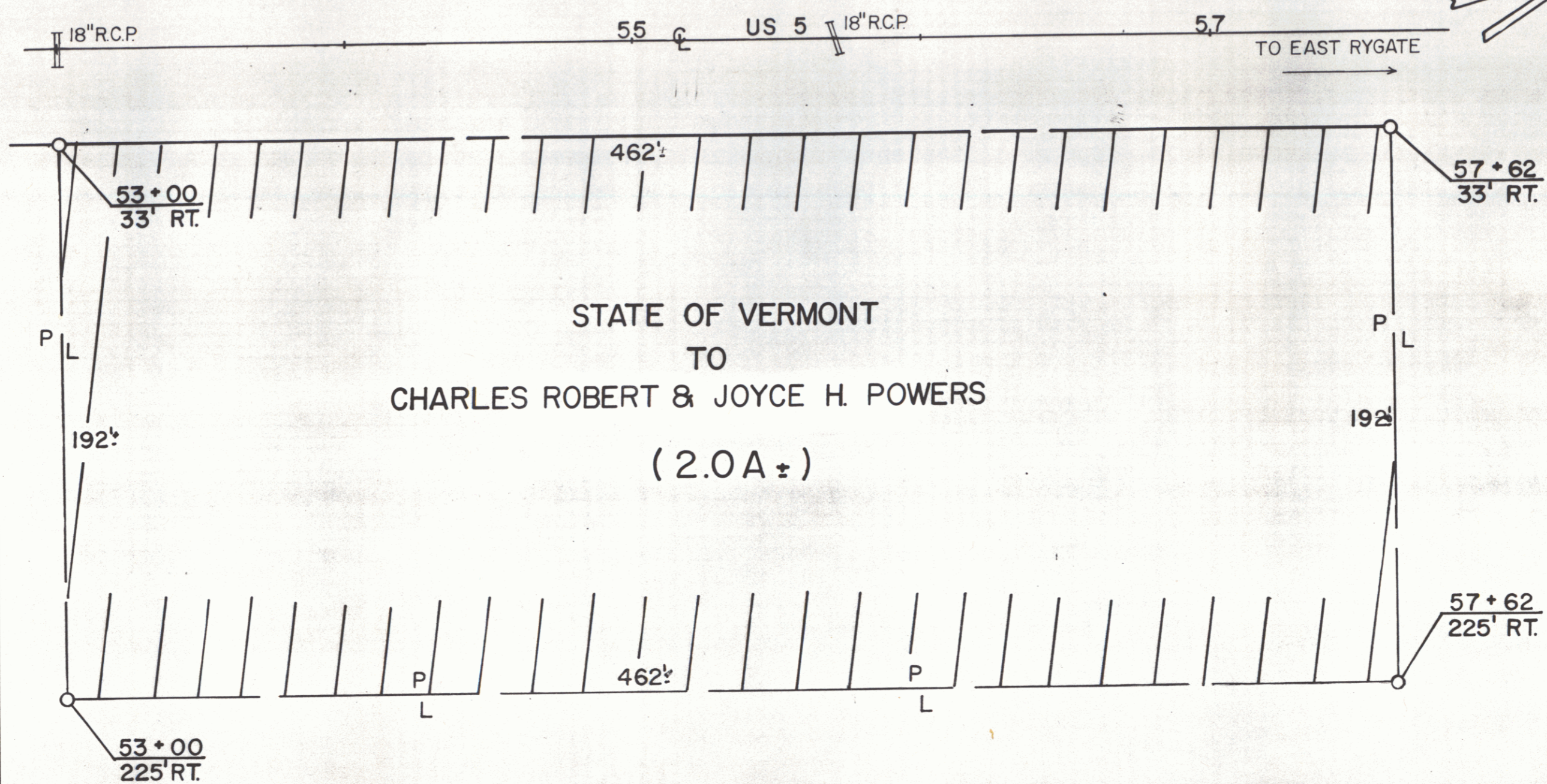


51+00 - 18" Pine 6FT. RIGHT OF STA 50+00 - ELEV. 190.91
 61+10 - 18" Pine 48FT. RIGHT OF STA 63+65 - ELEV. 189.80

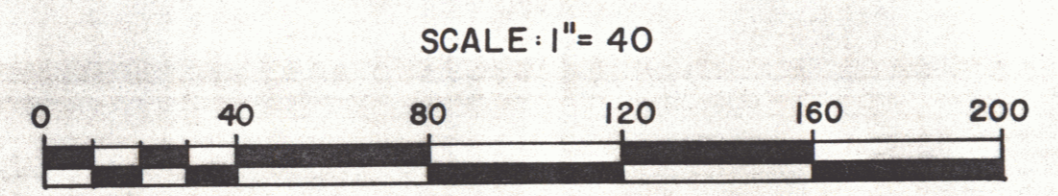
Date	Nature of Revision	By
Sept 27, 1937	Grade from 51+00 to 61+00 to avoid water pipes at 51+00.	M. H. [Signature]

Series FR No 15F
 Sheet 1 of 57

BEING PART OF THE SAME LAND CONVEYED TO THE
STATE OF VERMONT FROM RICHARD D. AND LILLIAN SARGENT BY WARRANTY
DEED DATED NOV 4 1958 AND RECORDED IN BK 24, PG 470
IN THE TOWN OF RYEGATE LAND RECORDS



STATE OF VERMONT
TO
CHARLES ROBERT & JOYCE H. POWERS
(2.0A±)



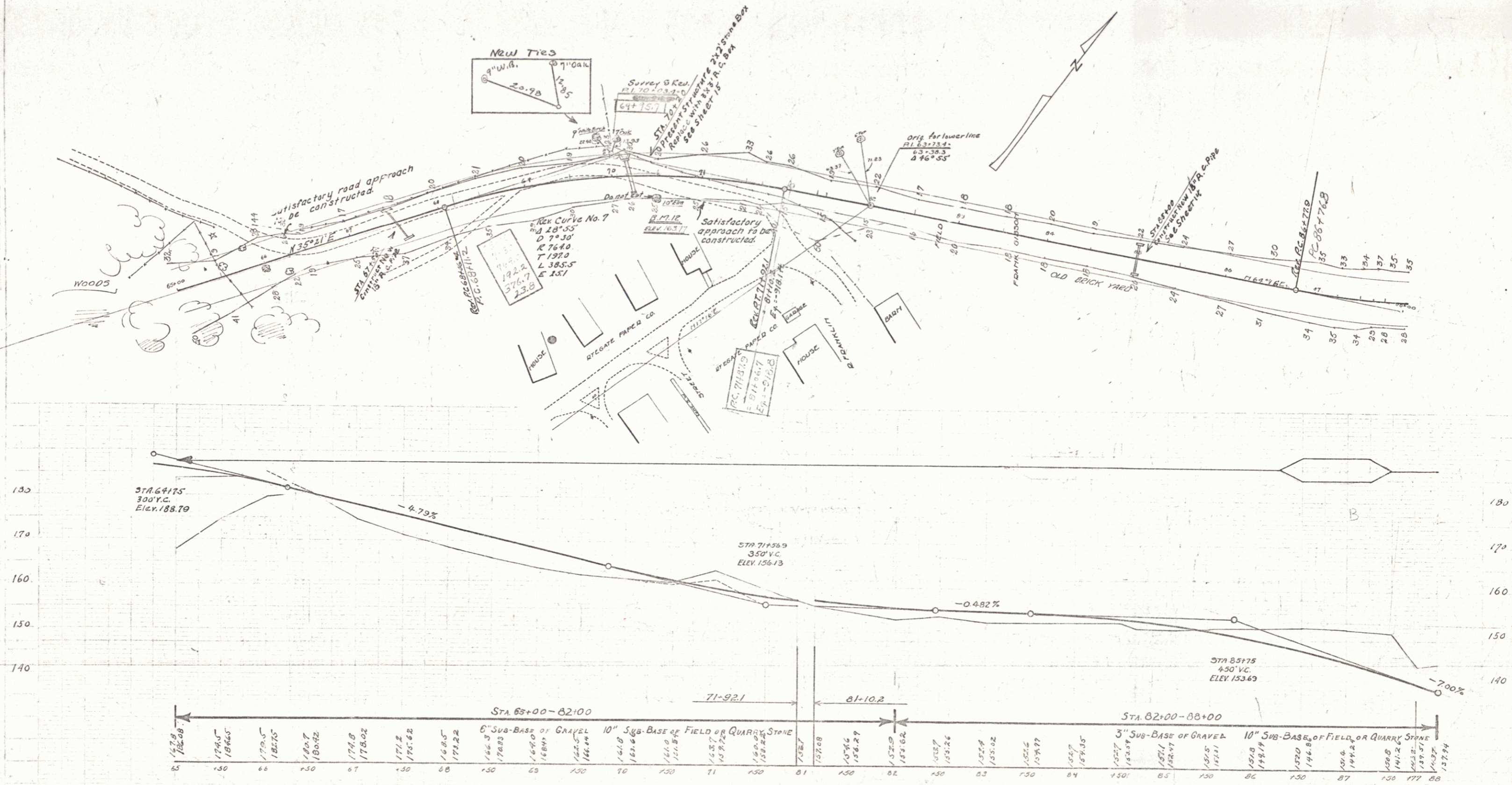
RF: FR 15F SHEET 8 OF 57 93
STATE OF VERMONT
AGENCY OF TRANSPORTATION
SHEET 8A
TOWN OF RYEGATE
APPROX SCALE 1" = 40' DATE 10-19-87 DRAWN BY A.S.J.

Wood Guard Rail Required	4" P.C.	24" P.T.
Culvert Station	4" P.C.	24" P.T.
67+50	24	24
70+20	24	24
85+00	24	24

NEW REINF. CONC. PIPE CULVERT REQUIRED	Station	Diam.	Length	Conc. B. Steel
	67+50	18"	44'	3.0cy, 33#
	85+00	18"	3p'	3.0cy, 33#

NEW REINF. CONC. BOX CULVERT REQUIRED	Station	Size	Length	Conc. A. Steel
	70+20	3x3'	36'	17.1cy, 1117#

NO. ROAD STATE P. & R. FILED SHEET
 191 192 9 57



BM 11A - 2" Yellow Birch 44' W of Sta. 87+50 Elev. 152.07
 BM 11 Elev. 162.12

Date	Value of Revision	By
Sept 27 1917	Grade raised 5.150-5.7100 to avoid water pipe at 67+50	W. J. [unclear]

SERIES FR NO 15F
 SHEET 9 OF 57

WOOD GRAD RAIL REQUIRED

Convent Station	Lt.	Rt.
91+00	24	24
79+50	24	24

CABLE GUARD RAIL REQUIRED

Stations	Lt.	Rt.
91+75-94+47	-	272
83+80-84+84	-	104
85+76-86+00	-	24

NEW REIN. CONC. PIPE CULVERT REQUIRED

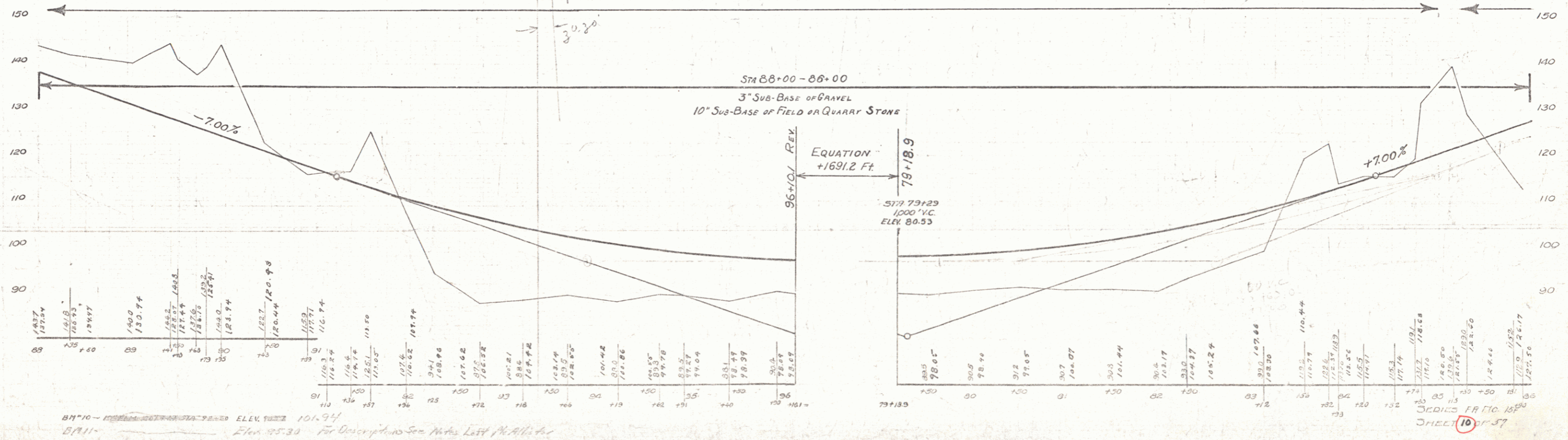
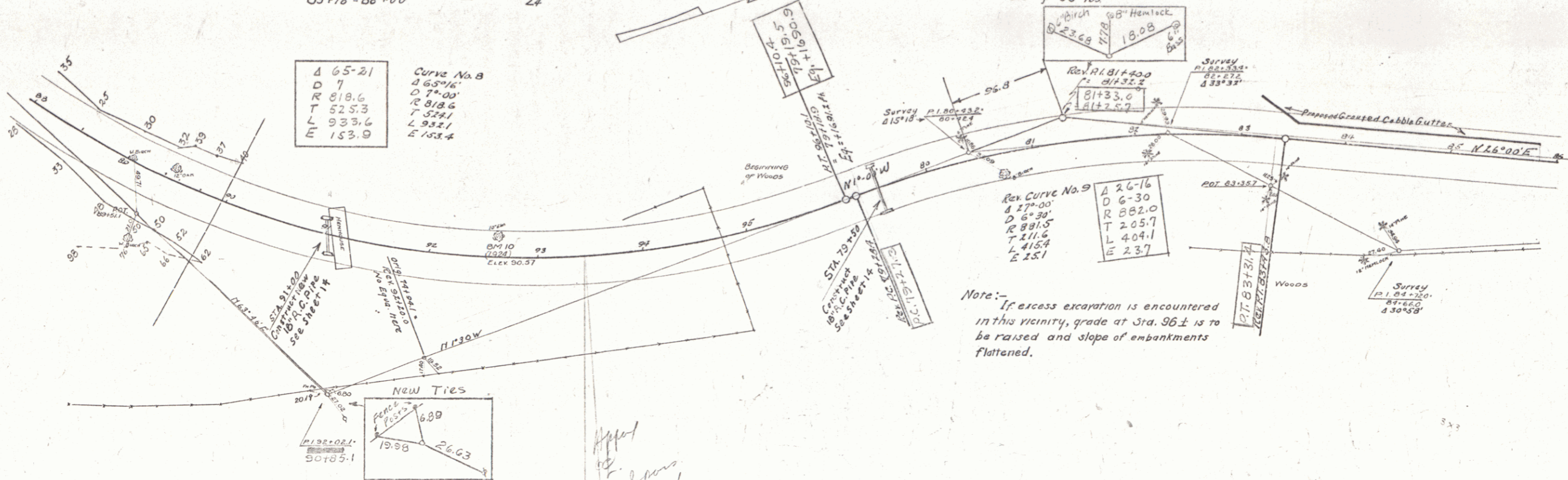
Station	Diam.	Length	Conc.	Steel
91+00	18"	36'	3.0 cy	33 lbs
79+30	18"	44'	3.0 cy	33 lbs

GRAVEL CABLE CUTTER REQUIRED

Stations	Lin. Feet	Area
83+15-85+85	270 ft	90 sq. yd.

See note - sheet #

STATE OF FLORIDA
 DIVISION OF HIGHWAYS
 PROJECT NO. 13F 1923 10 37



BM 70 - ELEV. 101.94
 STA 85+30 ELEV. 105.30 For Description See Notes Last Page

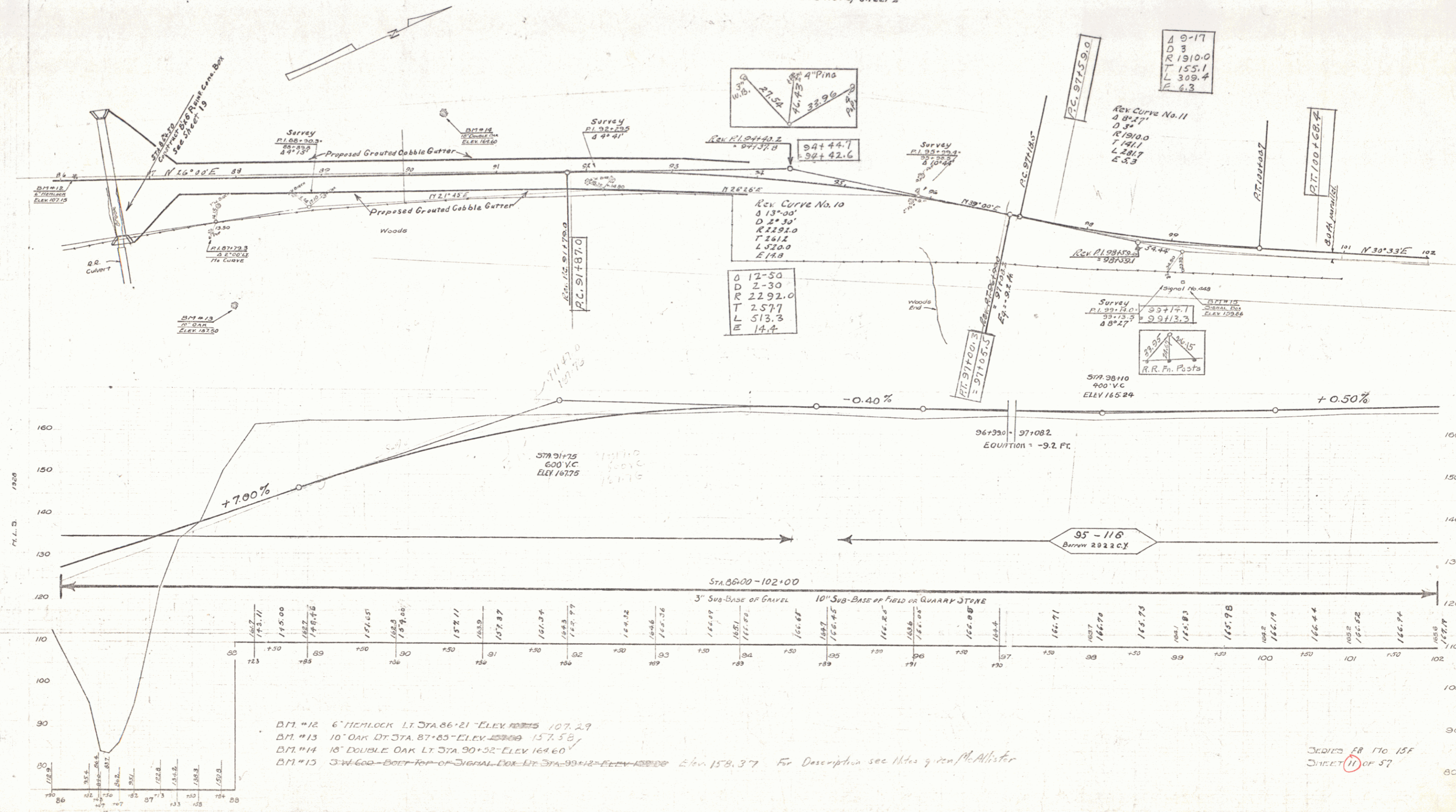
DESIGNED BY F. R. C. 13F
 SHEET 10 OF 37

CABLE GUARD RAIL REQUIRED
 Stations: 86+00 - 87+23
 Lt. 128' Rt. 128'

NEW REIN. CONC. BOX REQUIRED
 Station: 86+50 Size: 6'x6'
 See Sheet 19 For Details of Construction

GROUTED COBBLE CUTTER REQUIRED
 Stations: 86+50 - 93+90
 Lt. 740 Rt. 740 Area: 247sq.yd.
 See note, sheet 19

STATE: F.R. COUNTY: SHERBURN
 SHEET: 15F 1529 11 57



B.M. #12 6" HEMLOCK LT. STA. 86+21 - ELEV. 107.29
 B.M. #13 10" OAK DT. STA. 87+85 - ELEV. 157.58
 B.M. #14 18" DOUBLE OAK LT. STA. 90+32 - ELEV. 169.60
 B.M. #15 3" W. GOD - BOULDER TOP OF SIGNAL FOR RT. STA. 99+12 - ELEV. 158.37 For Description see Notes given McAllister

DESIGNED BY: H. 15F
 SHEET 11 OF 57

WOOD GUARD RAIL REQUIRED

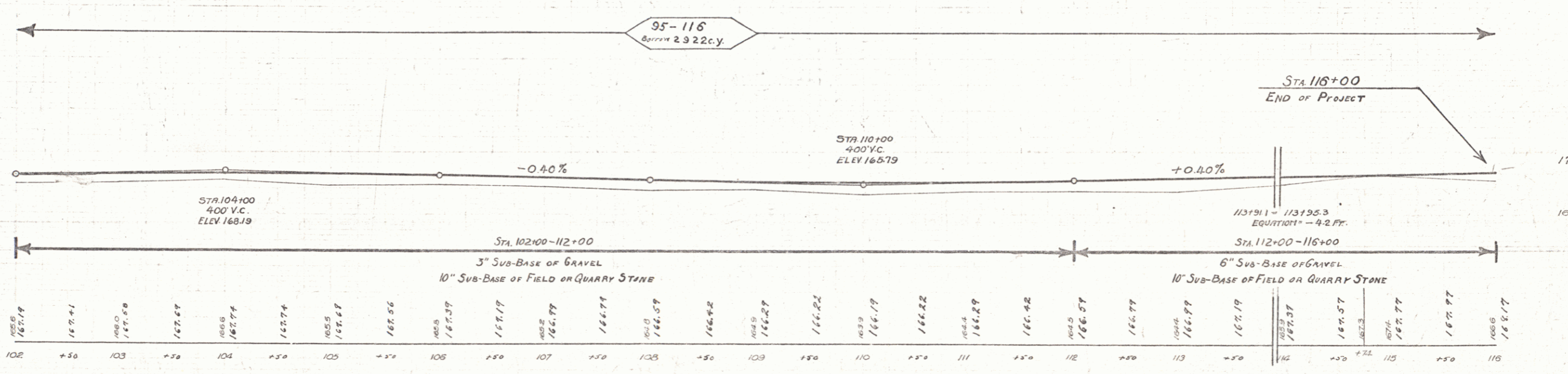
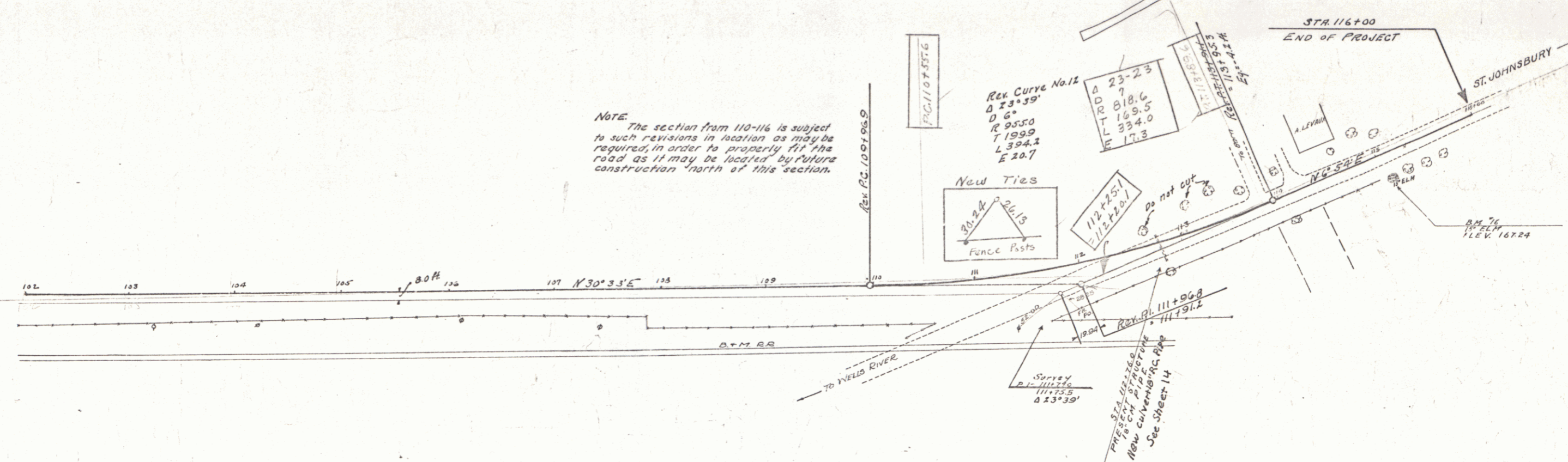
Culvert Station	Lt.	Rt.
112+76	24	24

NEW REINF. CONC. PIPE CULVERTS REQUIRED

Station	Diam.	Length	Conc. B.	Steel
112+76	18"	36#	3.0cy	33"

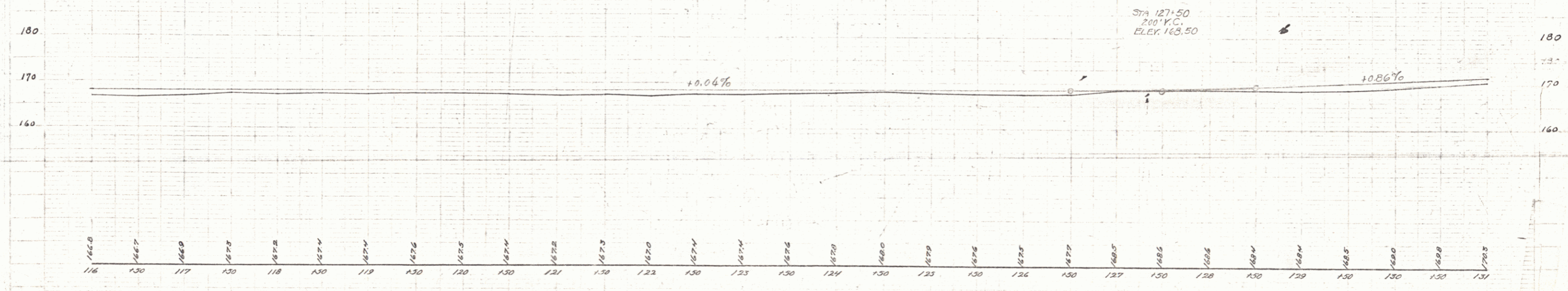
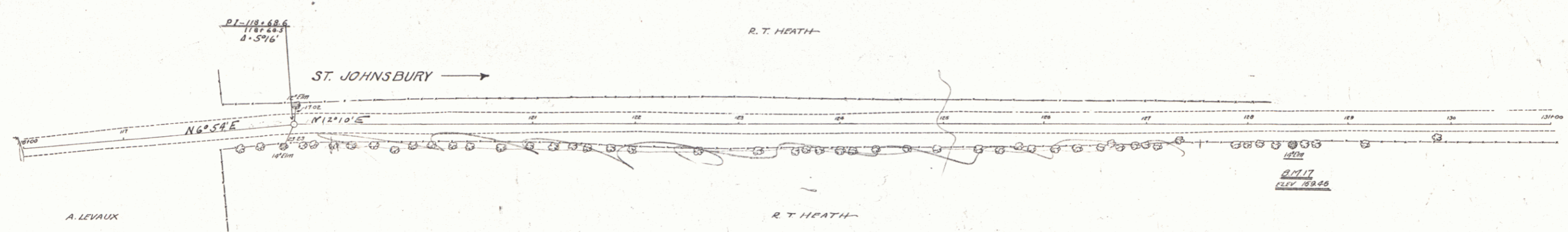
STATE OF NEW YORK
 DIVISION OF HIGHWAYS
 PROJECT NO. 15F 1929 12 57

NOTE: The section from 110-116 is subject to such revisions in location as may be required, in order to properly fit the road as it may be located by future construction north of this section.



B.M. 16 - 15' ELEV. 21' 1/2" NORTH OF STA. 115+00 - ELEV. 167.24

SERIES FR No 15F
 SHEET 12 OF 57



B.M. 17 - 14' E of 17 ft. RIGHT OF STA. 120+43 - ELEV. 169.46

SERIES FR. No. 15F
 SHEET 13 OF 57