

INDEX OF SHEETS

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5	" " " " D31+00 - D46+00
6	" " " " D46+00 - D61+00
7	" " " " D61+00 - 76+00
8	" " " " 76+00 - C90+00
9	" " " " C90+00 - C103+00
10	" " " " C103+00 - 117+00
11	" " " " 117+00 - 130+00
12	" " " " 130+00 - 143+00
13-29	CROSS SECTIONS

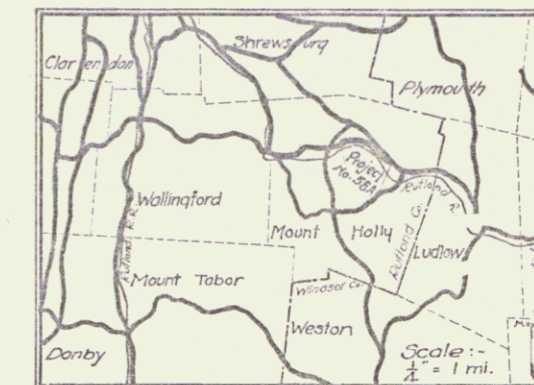
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
9	Vt.	38A	1923	7	29

STATE OF VERMONT
 STATE HIGHWAY DEPARTMENT
 PLAN AND PROFILE OF PROPOSED
 STATE HIGHWAY
 FEDERAL AID PROJECT

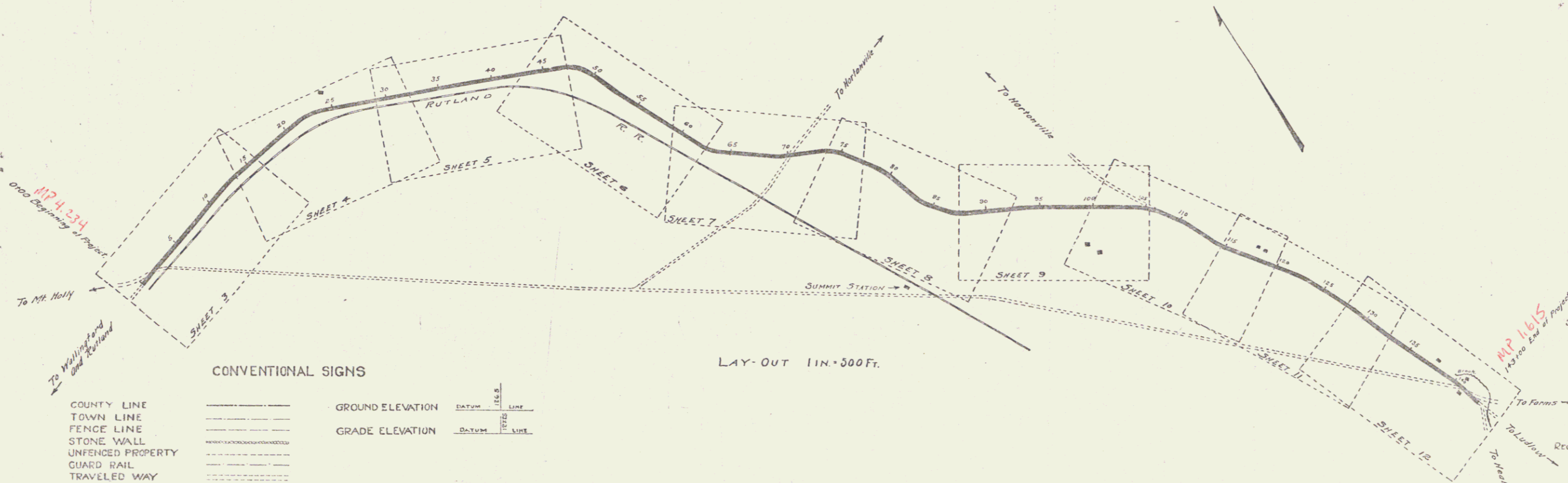
TOWN OF MT. HOLLY

SUMMIT ROAD
 FROM HOLDEN CROSSING TO HEALDVILLE TURN.

SCALES { PLAN 1 IN. = 50 FT.
 PROFILE - HORIZONTAL 1 IN. = 50 FT. VERT. 1 IN. = 10 FT.
 CROSS SECTION 1 IN. = 5 FT.



(To Be Returned to R.O.W. Division)
 Form of VT 103
 PERMIT
 TOWN FILE NAME
 RIGHT-OF-WAY DIVISION



LAY-OUT 1 IN. = 500 FT.

CONVENTIONAL SIGNS

COUNTY LINE	GROUND ELEVATION	DATUM	FEET	LINE
TOWN LINE	GRADE ELEVATION	DATUM	FEET	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				

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.	P. I.
POINT OF CURVE	P. C.
POINT OF TANGENT	P. T.

Pin # DOR 112
 Route VT 103
 Date 1/1/1923

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
 CHIEF ENGINEER
 DEPARTMENT OF HIGHWAYS

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

SERIES F No. 584 FILED
 SHEET 7 OF 29

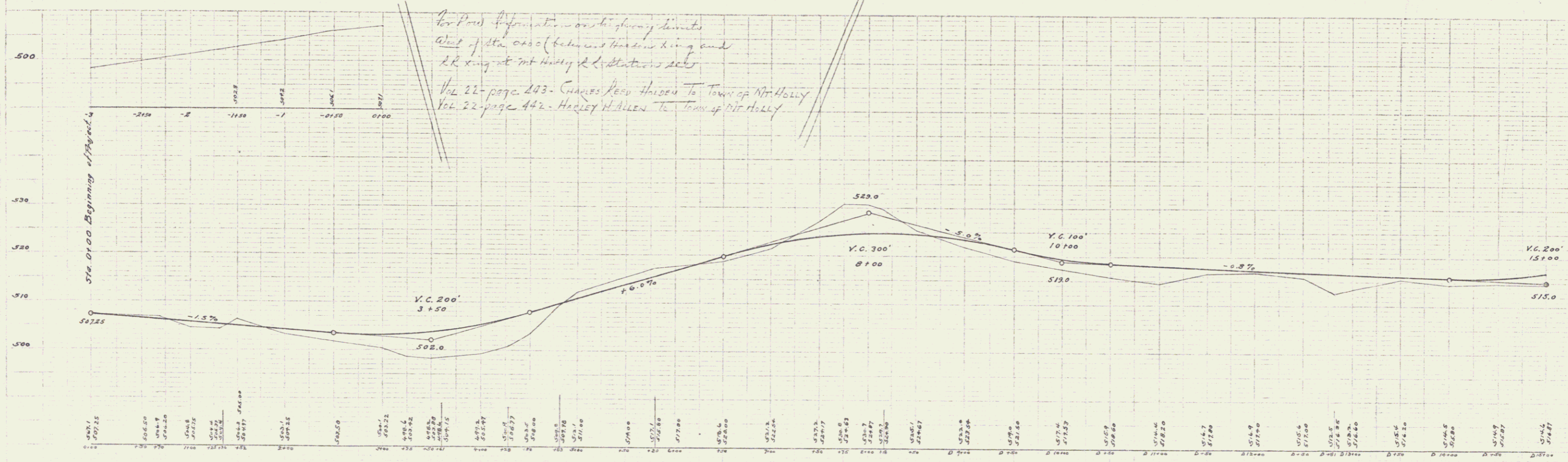
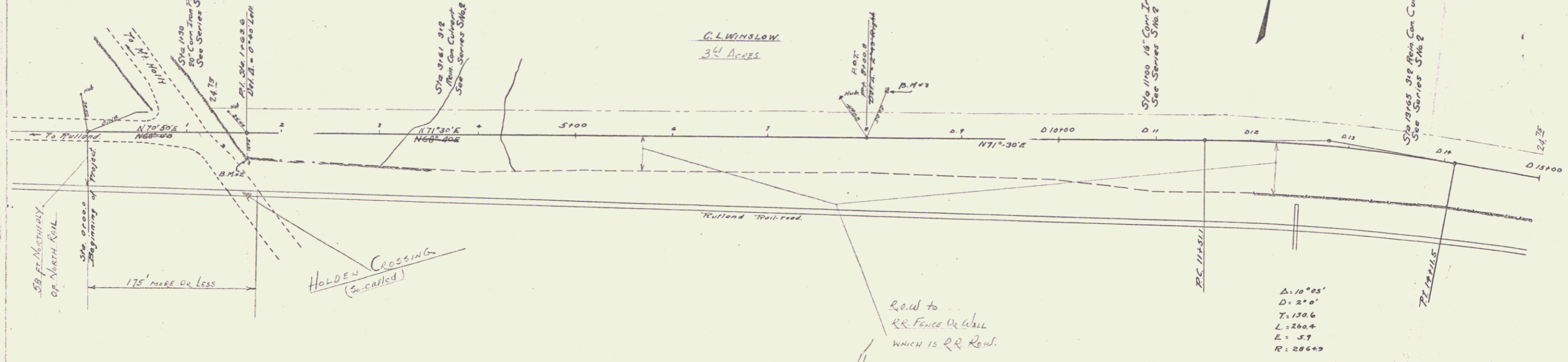
DIST. # 3 PLANS.

GUARD RAIL REQUIRED
ON LEFT
 Sta 1+18 to Sta 1+42 Length 24 ft
 " 3+36 " " 4+40 " 104 "
 " 10+88 " " 11+12 " 24 "
 " 13+53 " " 13+77 " 24 "
ON RIGHT
 Sta 1+18 to Sta 1+42 Length 24 ft
 " 2+76 " " 4+76 " 200 "
 " 9+16 " " 11+40 " 224 "
 " 12+25 " " 13+77 " 152 "
 Total this sheet 776 ft

NEW CULVERTS REQUIRED
 Sta 1+30 20" Con Iron 34 ft
 1-2 1/2-3 Con 23 Cuyds
 Sta 3+61 3 1/2" Rein Con Culvert
 1-2 1/2-3 Con 91 Cuyds
 1-2-4 Con 42 " "
 Rem Steel 216 "
 Sta 11+00 16" Con Iron 28 ft
 1-2 1/2-3 Con 18 Cuyds
 Sta 13+03 3 1/2" Rein Con Culvert
 1-2 1/2-3 Con 9 Cuyds
 1-2-4 Con 38 " "

SUB-BASE REQUIRED
 Sta 0+00 to Sta 2+25 Length 225 ft
 " 13+50 " " 17+10 " 360 "

FED. ROAD DIST. NO.	STATE	FED. AID	FISCAL YEAR	DATE	NO.	SHEET
VI. 38 A	VT.		1923	3	24	



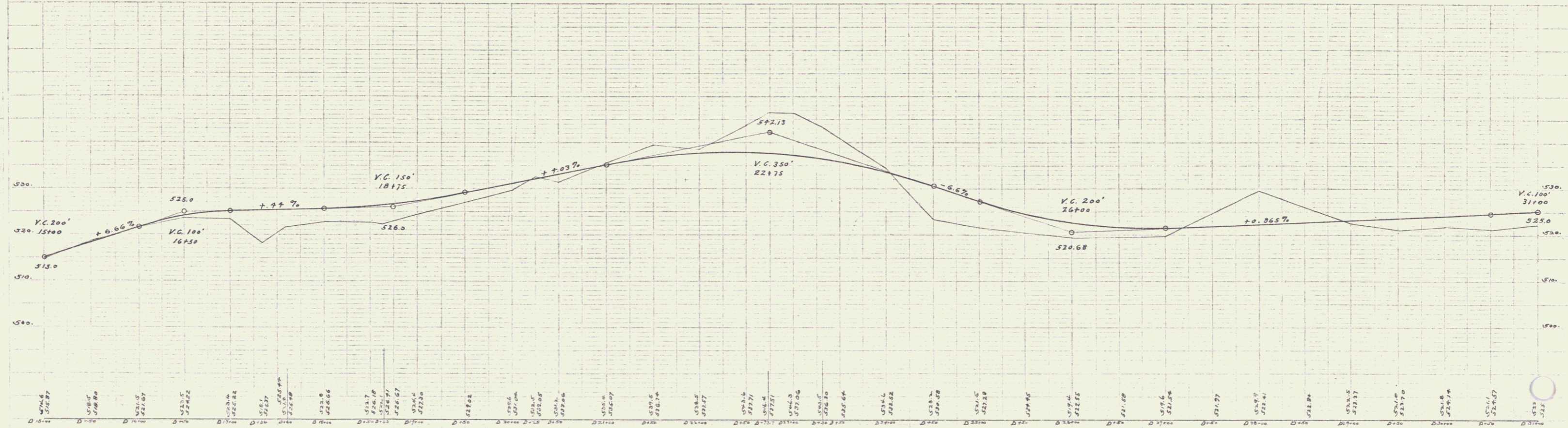
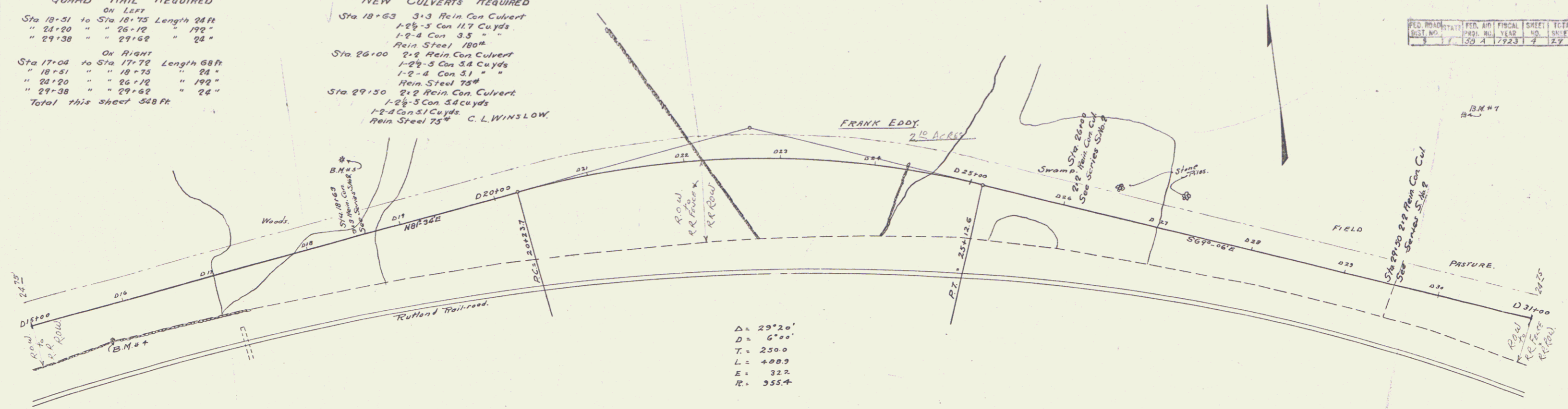
E.M.H. Town East of N. Roadmill at Culvert Sta - 3+00 Elev. 500.00
 " 42 Spike in Pine Swamp Sta 1+63 Elev. 503.19
 " 43 Boulder Left of E Sta 8+24 Elev. 534.90

Series R No. 50A
 Sheet 3 of 29

GUARD RAIL REQUIRED
 ON LEFT
 Sta 18+51 to Sta 18+75 Length 24 ft
 " 24+20 " " 26+12 " 192 "
 " 29+38 " " 29+62 " 24 "
 ON RIGHT
 Sta 17+04 to Sta 17+72 Length 68 ft
 " 18+51 " " 18+75 " 24 "
 " 24+20 " " 26+12 " 192 "
 " 29+38 " " 29+62 " 24 "
 Total this sheet 348 ft

NEW CULVERTS REQUIRED
 Sta 18+63 3-3 Rein. Con. Culvert
 1-2 1/2-3 Con. 11.7 Cuyds
 1-2-8 Con. 3.5 " "
 Rein. Steel 180#
 Sta 26+00 2-8 Rein. Con. Culvert
 1-2 1/2-3 Con. 3.8 Cuyds
 1-2-4 Con. 5.1 " "
 Rein. Steel 75#
 Sta 29+50 2-2 Rein. Con. Culvert
 1-2 1/2-3 Con. 3.4 Cuyds
 1-2-4 Con. 5.1 Cuyds
 Rein. Steel 75# C. L. WINSLOW.

PLD. ROAD	STATION	PER. ADJ.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
			1923	7	27



Station	Point	Elevation
15+00	B.M. #4	517.76
16+50	Spike in 12" Spruce right of Sta 16+50	533.78
24+20	Boulder	538.95
30+91	Spike in 12" Apple tree left of Sta 30+91	537.56

Series 5 of 20
 3000 1 of 20

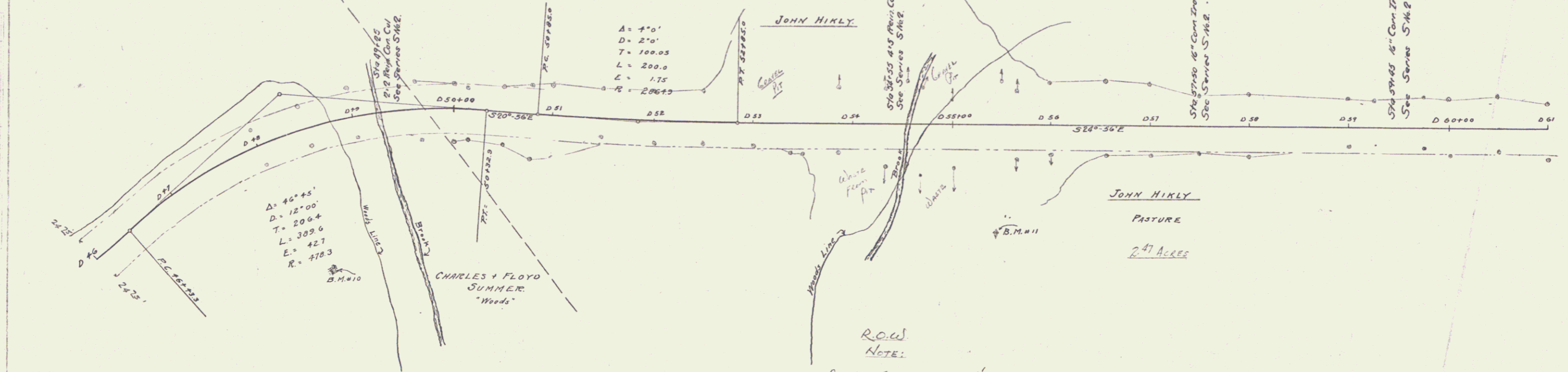
GUARD RAIL REQUIRED

ON LEFT		
Sta 48+00 to Sta 50+10	Length 110 ft	
" 54+00 " " 55+36	" 136 "	
" 57+30 " " 57+52	" 22 "	
" 59+33 " " 59+57	" 24 "	
ON RIGHT		
Sta 49+13 to Sta 50+25	Length 112 ft	
" 54+00 " " 55+32	" 132 "	
" 57+22 " " 58+42	" 120 "	
" 59+33 " " 61+00	" 167 "	
Total this sheet 711 ft		

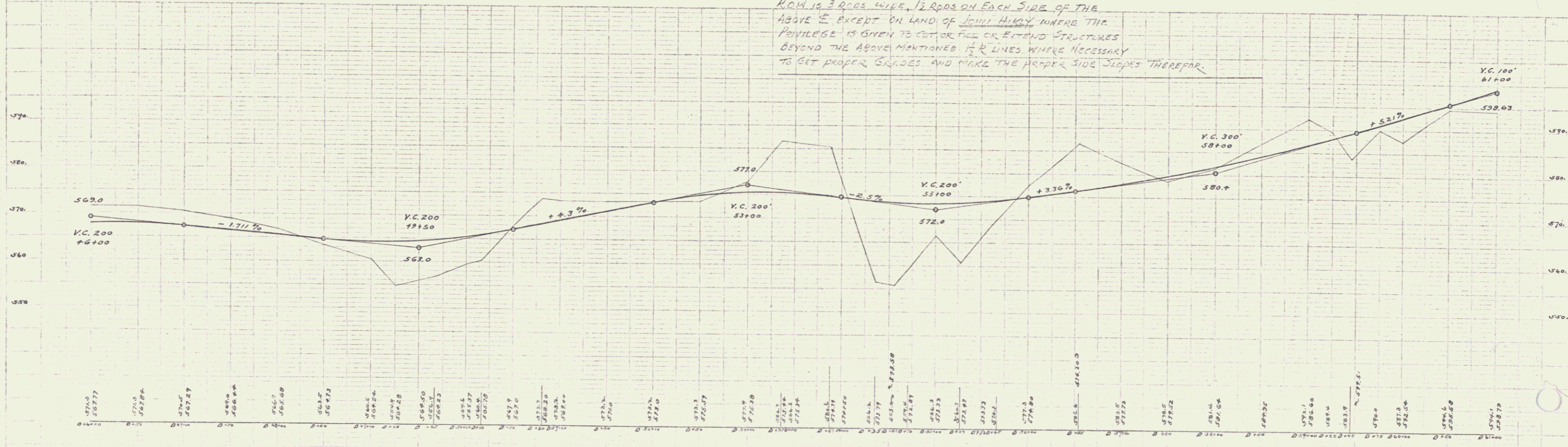
NEW CULVERTS REQUIRED

Sta 49+25	2'-2" Rein Con Culvert	1-2 1/2-5 Con 88 Cu yds
" 54+55	2'-6" Rein Con Cul	1-2 1/2-5 Con 433 Cu yds
Sta 57+50	16" Cor Iron Pipe 32 ft	1-2 1/2-3 Con 18 Cu yds
Sta 59+45	16" Cor Iron Pipe 32 ft	1-2 1/2-3 Con 18 Cu yds

FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VI	20	1	1923	6	27



ROW NOTE:
 ROW is 3 rods wide, 1/2 rods on each side of the above 'E' except on land of JOHN HIKLY where the privilege is given to cut or fill or extend structures beyond the above mentioned 1/2 R lines where necessary to get proper grades and make the proper side slopes therefor.



B.M. #10 Boulder Right of Sta 47+10 Elev. 565.50
 B.M. #11 Boulder Right of Sta 53+10 Elev. 555.30

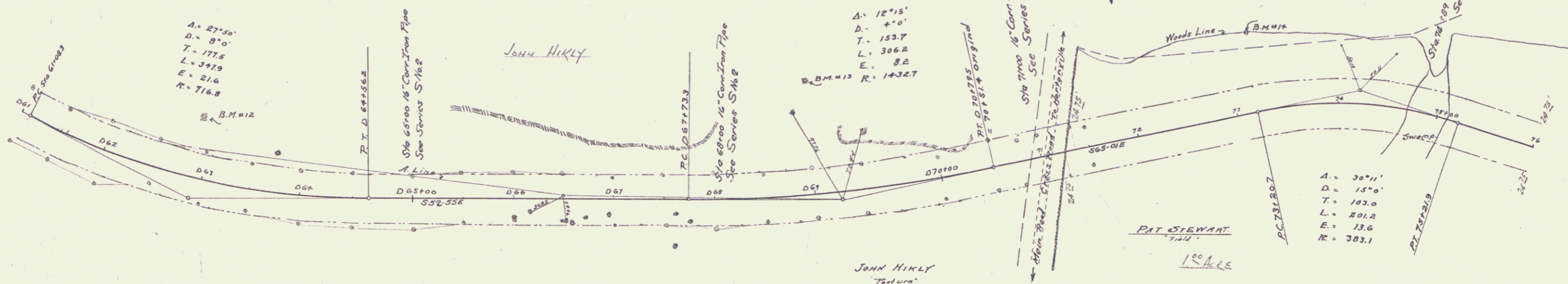
Scale E No. 50A
 Sheet 6 of 29

GUARD RAIL REQUIRED
 ON LEFT
 Sta 64+88 to Sta 65+12 Length 24 ft
 " 67+88 " " 68+12 " 24 "
 " 70+88 " " 71+12 " 24 "
 " 74+32 " " 75+48 " 16 "
 ON RIGHT
 Sta 61+00 to Sta 61+73 Length 73 ft
 " 63+92 " " 65+28 " 36 "
 " 66+72 " " 68+48 " 176 "
 " 70+32 " " 71+32 " 120 "
 " 74+32 " " 75+48 " 16 "
 Total this sheet 769 ft.

NEW CULVERTS REQUIRED
 Sta 65+00 16" Cor. Iron Pipe 40 ft
 1-2 1/2 Con 18 Cu yds.
 Sta 68+00 16" Cor. Iron Pipe 36 ft
 1-2 1/2 Con 18 Cu yds.
 Sta 71+00 16" Cor. Iron Pipe 32 ft
 1-2 1/2 Con 18 Cu yds.
 Sta 74+89 2' Rein. Con. Cui.
 1-2 1/2 Con 71 Cu yds.
 Rein Steel 153#

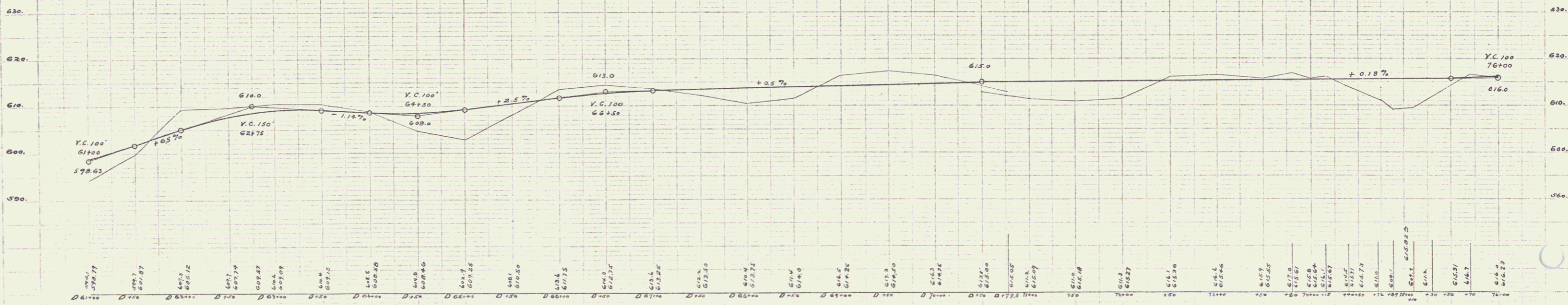
SUB-BASE REQUIRED
 Sta 72+25 to Sta 74+40 Length 215 ft
 " 75+30 " " 76+00 " 30 "

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT.	302	1933	7	29



R.O.W.
 NOTE:

R.O.W. is 3 rods wide, 1 1/2 rods on each side of the above E, except on land of JOHN HIKLY where the privilege is given to cut or fill or extend structures beyond the above mentioned 1/2 R. lines where necessary to get proper grades and make the proper side slopes therefor.



B.M.#12 Boulder Left of Sta. 62+30 Elev. 621.38
 B.M.#13 Spike in 2" Birch Left of Sta. 68+35 Elev. 623.84
 B.M.#14 Spike in 1" Yellow Birch Left of Sta. 71+12 Elev. 619.79

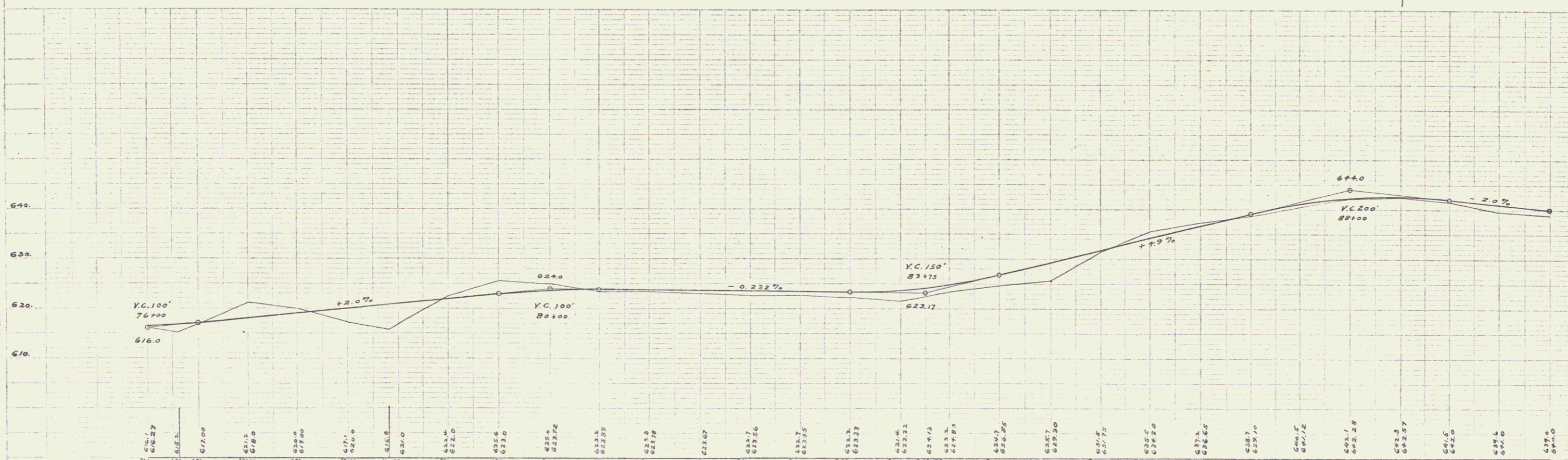
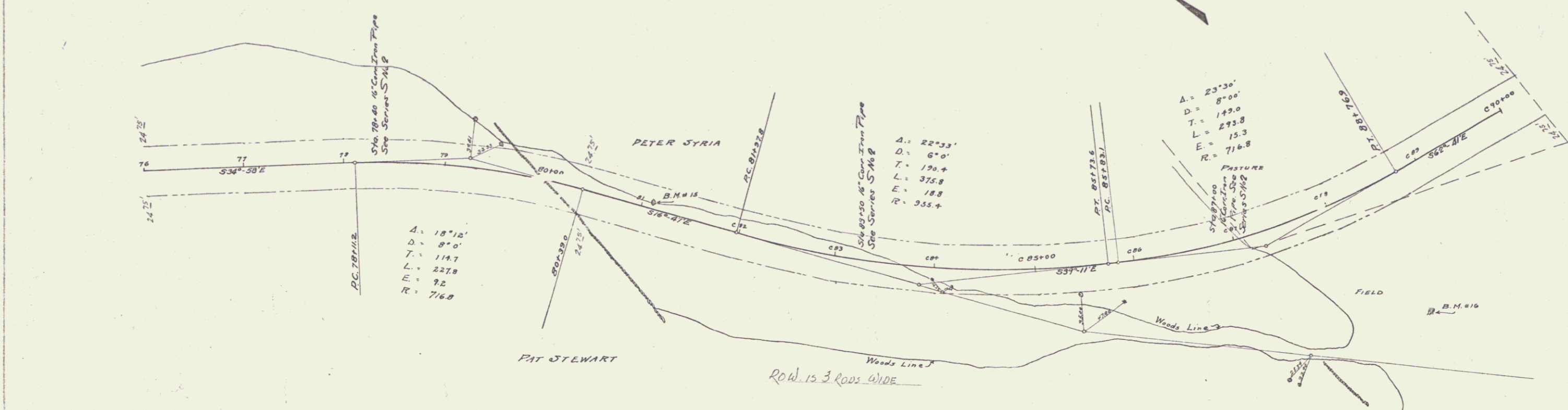
Series F No. 594
 Sheet 7 of 29

GUARD RAIL REQUIRED
 On Left
 Sta 78+28 to Sta 78+52 Length 24 ft
 " 83+38 " " 83+62 " 24 "
 " 86+88 " " 87+12 " 24 "
 On Right
 Sta 77+84 to Sta 79+12 Length 128 ft
 " 83+38 " " 85+86 " 248 "
 " 86+88 " " 87+12 " 24 "
 Total this sheet 472 ft

NEW CULVERTS REQUIRED
 Sta 78+40 16" Cor'n Iron Pipe 34 ft
 1-2 1/2-5 Con 18 Cuyds.
 Sta 83+50 16" Cor'n Iron Pipe 32 ft
 1-2 1/2-5 Con 18 Cuyds.
 Sta 87+00 16" Cor'n Iron Pipe 32 ft
 1-2 1/2-5 Con 18 Cuyds.

SUB-BASE REQUIRED
 Sta 76+00 to Sta 77+75 Length 175 ft
 " 87+00 " " 90+00 " 100 "

FED. ROAD STATE PER. AND FISCAL SHEET TOTAL
DIST. NO. 101
PROJ. NO. 101
YEAR 1923
SHEET NO. 7
TOTAL SHEETS 29



B.M. 15 Spike in 10" Maple Left of Sta 81+10 Elev 621.15
 B.M. 16 Boulder Right of Sta 87+00 Elev 628.96

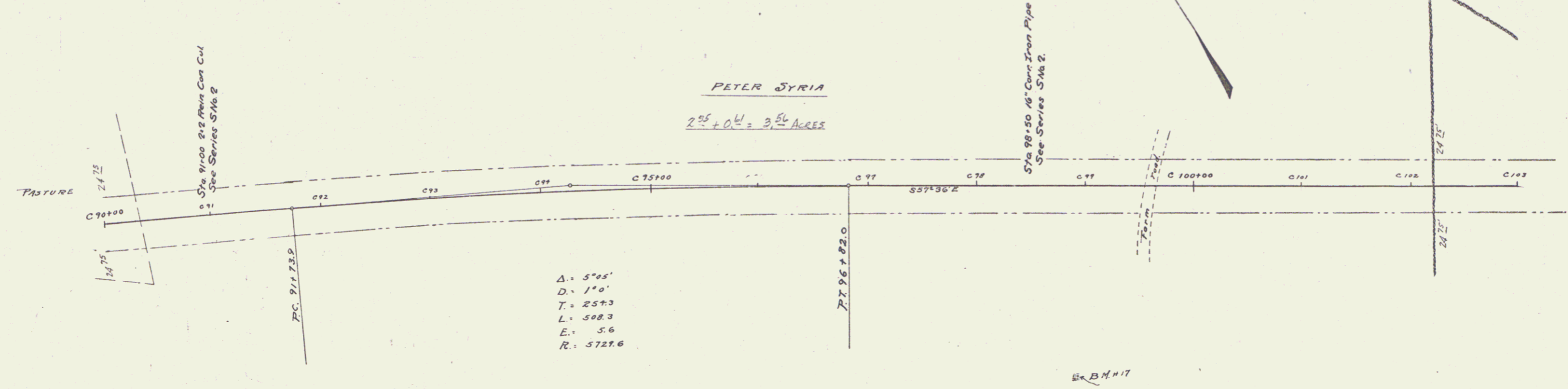
Series 10 No 58A
 Sheet 7 of 29

GUARD RAIL REQUIRED
 On Left
 Sta 90+88 to Sta 91+12 Length 24 ft
 " 98+38 " " 98+62 " 24 "
 On Right
 Sta 90+88 to Sta 91+12 Length 24 ft
 " 98+38 " " 98+62 " 24 "
 Total this sheet 96 ft

NEW CULVERTS REQUIRED
 Sta 91+00 2x2 Rein Con Culvert
 1-2x-5 Con. 3.0 Cu yds.
 1-2-4 " 3.0 " "
 Rein Steel 124^{lb}
 Sta 98+50 16" Cor Iron Pipe 30 ft
 1-2x-5 Con 1.8 Cu yds.

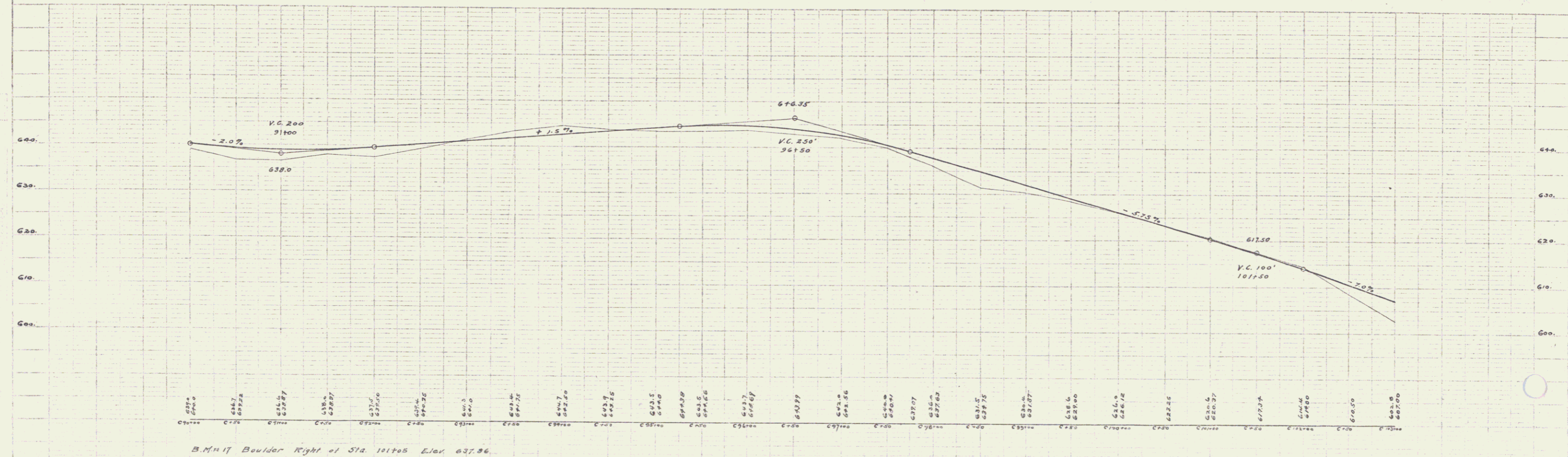
SUB-BASE REQUIRED
 Sta 90+00 to Sta 98+00 Length 800 ft
 " 99+00 " " 100+50 " 350 "

NO.	DATE	BY	CHKD	SHEET	TOTAL
1	3/24			9	29



Δ = 5°25'
 D = 170'
 T = 25+3
 L = 508.3
 E = 5.6
 R = 5727.6

ROW is 3 RDS WIDE



Sheet 9 of 29

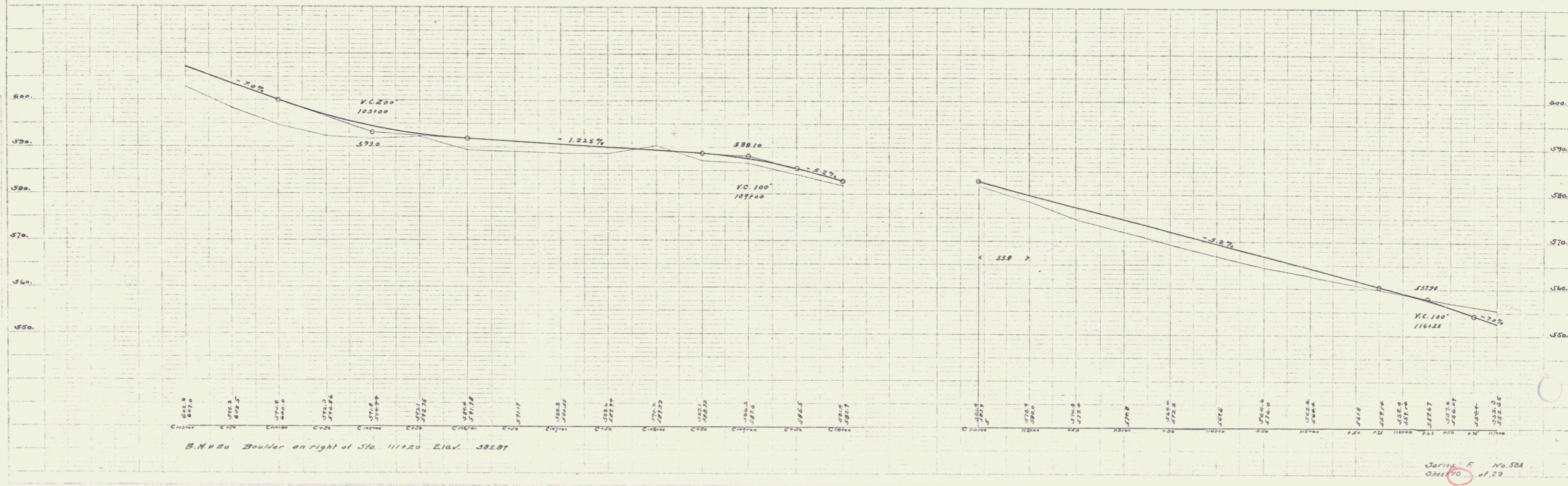
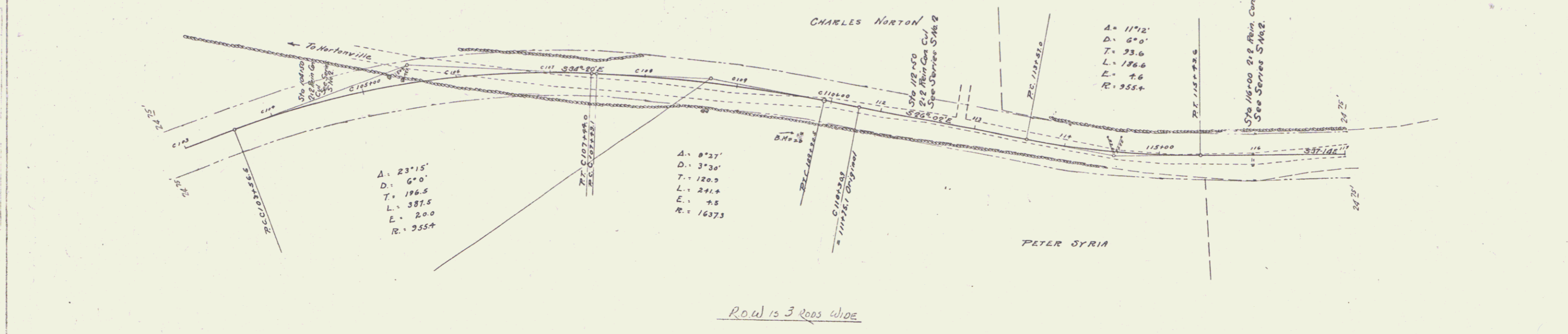
8

GUARD RAIL REQUIRED
 ON LEFT
 Sta 103+30 to Sta 104+70 Length 136ft
 " 112+30 " " 112+62 " 24"
 " 115+80 " " 116+12 " 24"
 ON RIGHT
 Sta 104+30 to Sta 104+62 Length 24ft
 " 112+30 " " 112+62 " 24"
 " 115+80 " " 116+12 " 24"
 Total this sheet 256ft

NEW CULVERTS REQUIRED
 Sta 104+50 212 Rein Con Culvert
 1-2 1/2-3 Con. 9.0 Cu yds.
 1-2-4 " 34 " "
 Rein Steel 144"
 Sta 112+50 212 Rein Con Cul
 1-2 1/2-3 Con. 8.0 Cu yds.
 1-2-4 " 28 " "
 Rein Steel 130"
 Sta 116+00 212 Rein Con Cul
 1-2 1/2-3 Con. 3.4 Cu yds.
 1-2-4 " 31 " "
 Rein Steel 115"

SUB-BASE REQUIRED
 Sta 105+25 to Sta 112+25 Length 700ft
 " 115+50 " " 117+00 " 150"

FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	1597	1923	10	27



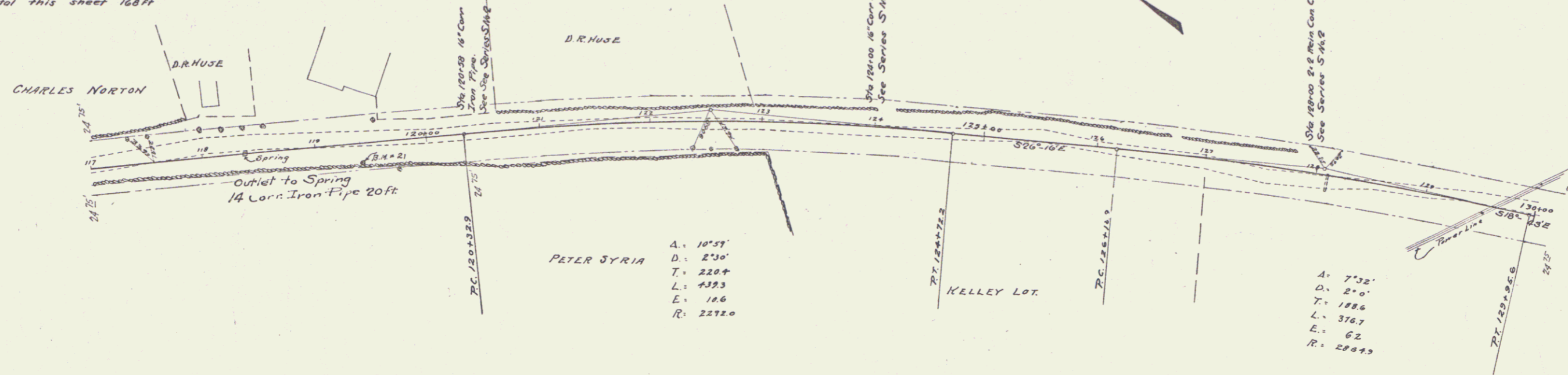
Series F No. 504
 Sheet 10 of 29

GUARD RAIL REQUIRED
 ON LEFT
 Sta 118+29 to Sta 118+53 Length 24 ft
 " 120+46 " " 120+70 " 24 "
 " 123+88 " " 124+12 " 24 "
 " 127+88 " " 128+12 " 24 "
 ON RIGHT
 Sta 120+46 to Sta 120+70 Length 24 ft
 " 123+88 " " 124+12 " 24 "
 " 127+88 " " 128+12 " 24 "
 Total this sheet 168 ft

NEW CULVERTS REQUIRED
 Sta 120+58 16" Cor Iron Pipe 28 ft
 1-2 1/2" - 5 Con 18 Cuyds
 Sta 124+00 16" Cor Iron Pipe 28 ft
 1-2 1/2" - 5 Con 18 Cuyds
 2-2 Reim Con Cul.
 Sta 128+00 1-2 1/2" - 5 Con 5.5 Cuyds.
 1-2-4 " 5.1 " "
 Reim Steel 114"

SUB-BASE REQUIRED
 Sta 117+00 to Sta 118+75 Length 175 ft
 " 123+00 " " 126+00 " 300 "
 " 129+75 " " 130+00 " 25 "

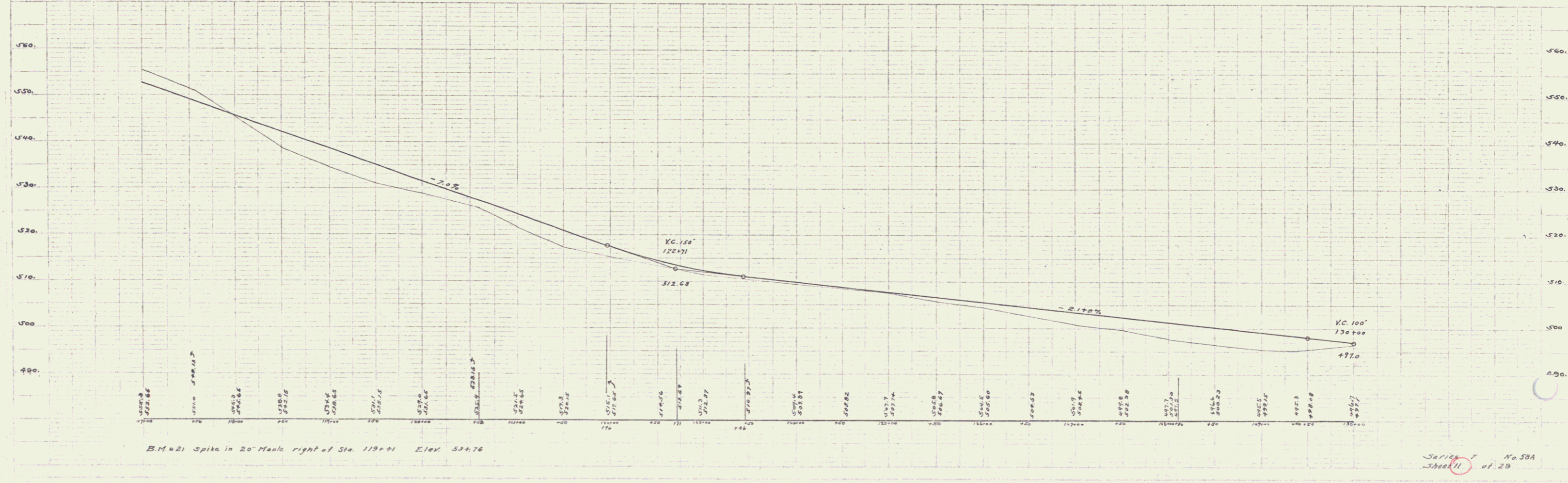
FED. ROAD DIST. NO.	STATE	FED. AID	FINANCIAL YEAR	SHEET NO.	TOTAL SHEETS
4	VI.	129.2	175.3	77	217



PETER SYRIA
 A: 10°57'
 D: 230'
 T: 220'
 L: 439.3
 E: 16.6
 R: 2272.0

A: 7°32'
 D: 210'
 T: 188.6
 L: 376.7
 E: 6.2
 R: 2894.9

ROW is 3 roads wide



Station of No. 381
 Sheet 11 of 29

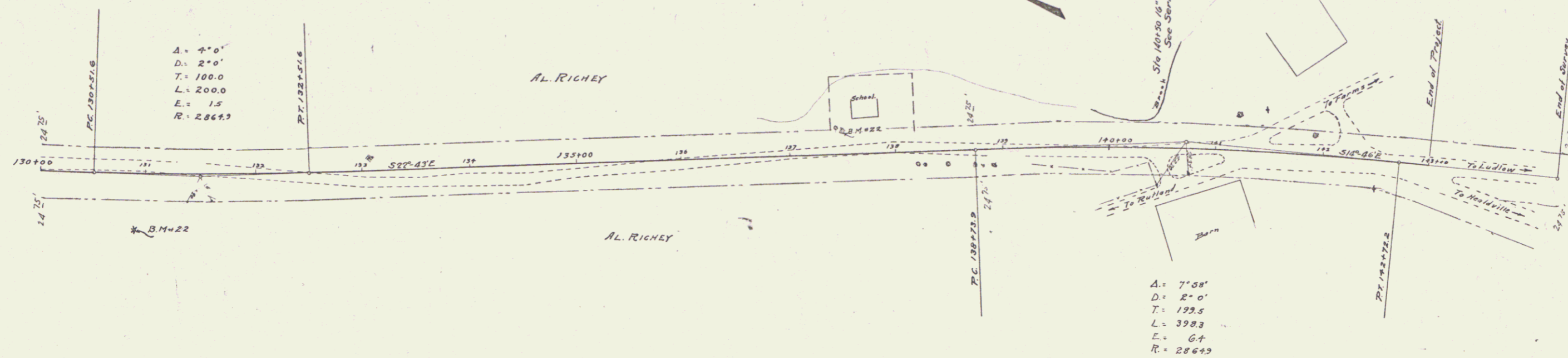
10

GUARD RAIL REQUIRED
ON LEFT
Sta 140+38 to Sta 140+62 Length 24 ft
ON RIGHT
Sta 140+38 to Sta 140+62 Length 24 ft
Total this sheet 48 ft

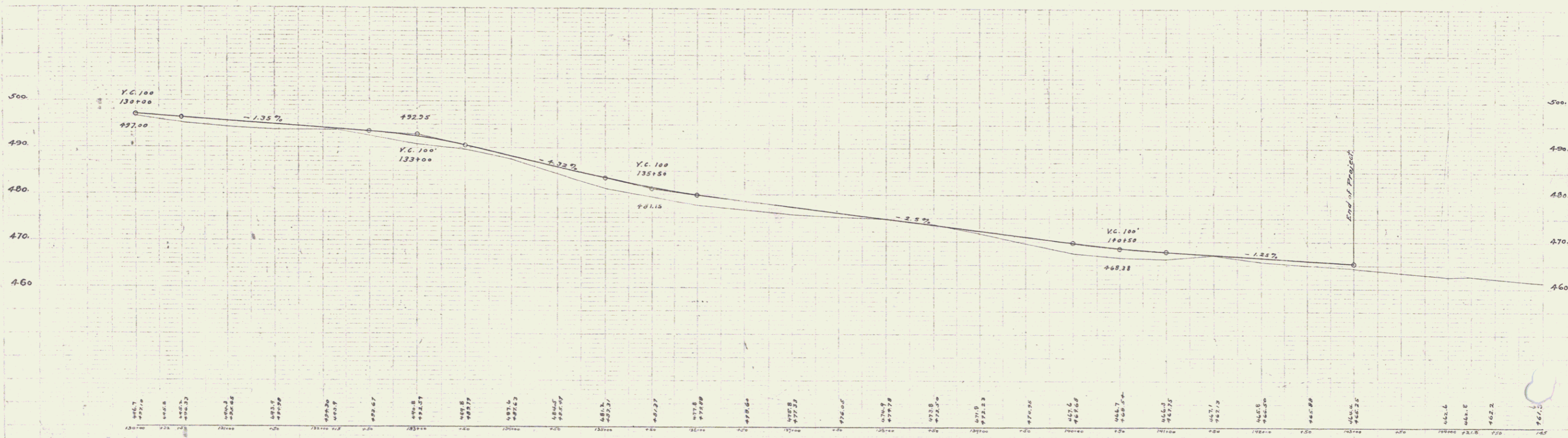
NEW GULVERTS REQUIRED
Sta 140+50 16" Cor Iron Pipe 28 ft
1-24" Con 18 Cu yds.

SUB-BASE REQUIRED
Sta 130+00 to Sta 134+75 Length 475 ft
" 137+50 " " 143+00 " 550 ft

DIST. NO.	STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT.	50A	1923	12	29



Row is 3 rows wide



B.M. #22 Spike in 8" Tamarack Right of Sta. 134+92 Elev. 495.68
 B.M. #23 Boulder Left of Sta. 137+55 Elev. 478.15

Sheet 12 of 29