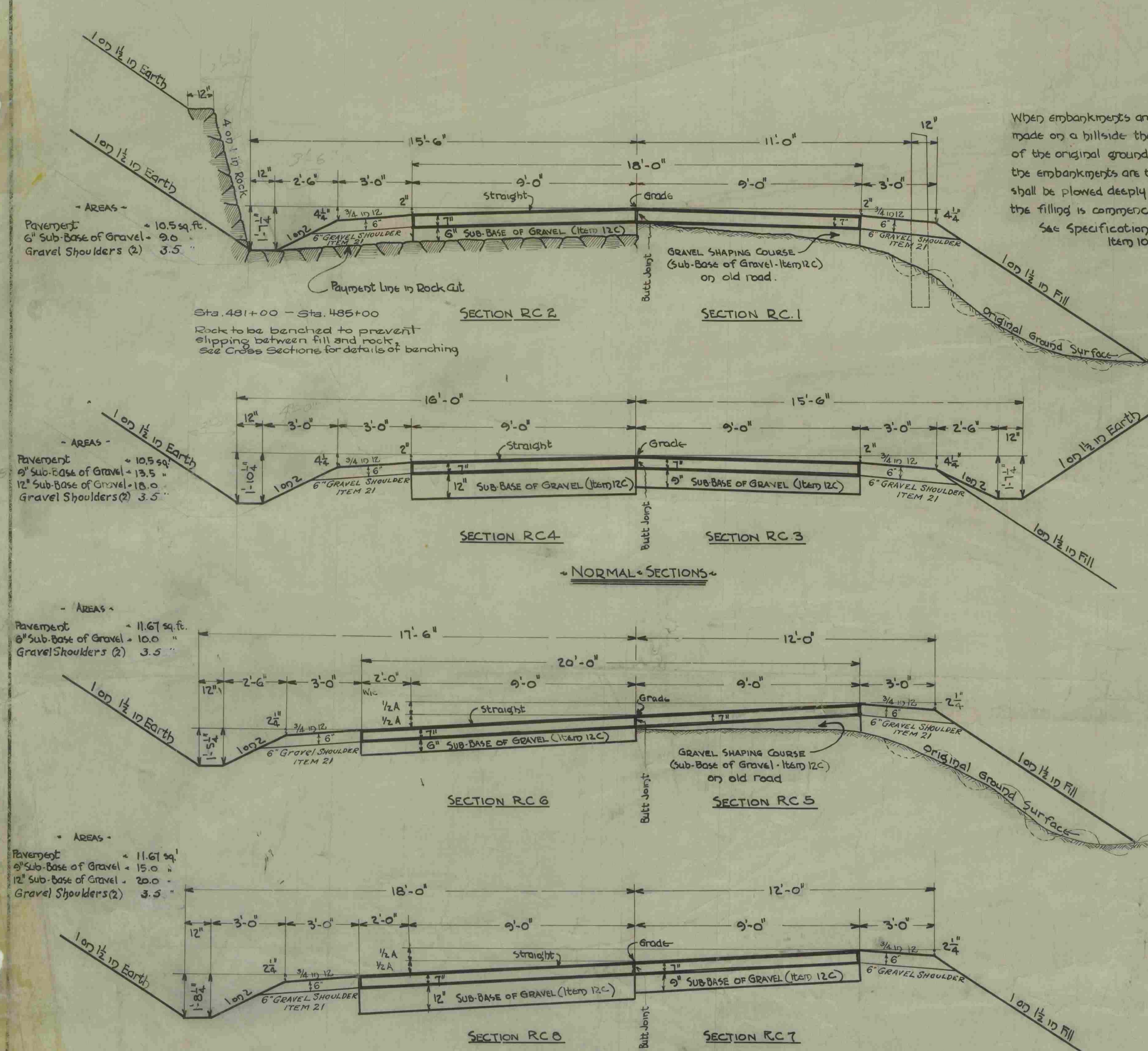


TYPICAL SECTIONS ONE COURSE CEMENT CONCRETE PAVEMENT TYPE B ITEM 23B

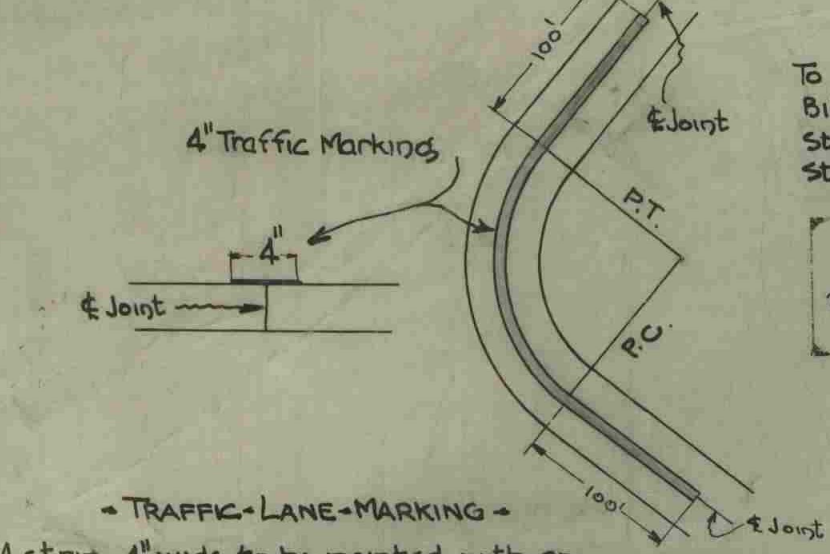
FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	1925	2	104



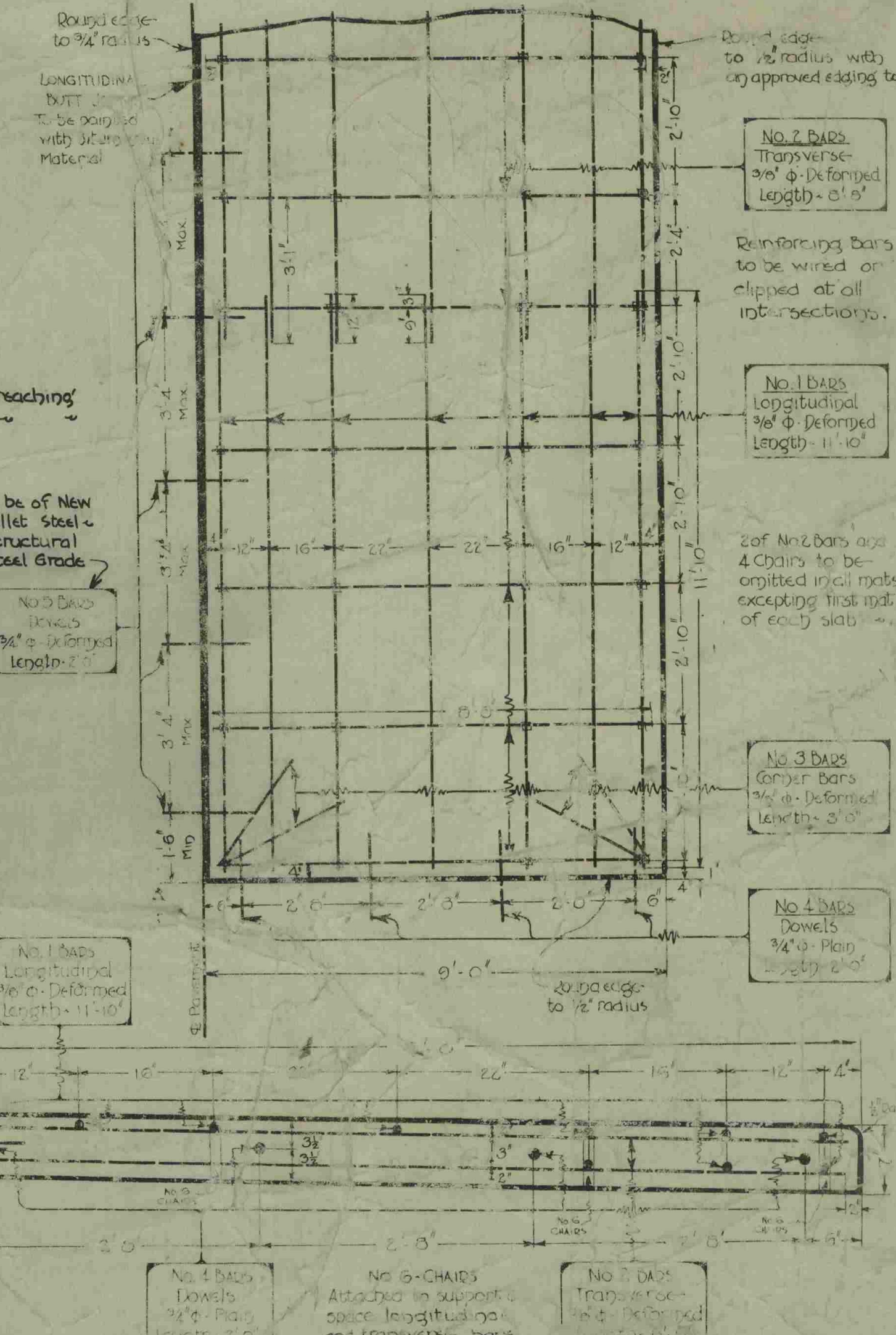
NOTE:
For details covering 4 ft. Shoulders at Culverts, refer to Sheet 3, Typical Sections for Bituminous Macadam.

When embankments are to be made on a hillside the slope of the original ground on which the embankments are to be placed shall be plowed deeply before the filling is commenced ~ ~ See Specifications, Pamphlet B Item 10, Paragraph 10.3

This strip to begin 100' before reaching P.C. and end 100' beyond P.T. ~ ~



A strip 4" wide to be painted with an approved asphalt paint along the center of all curves. Also this strip to be used in connection with vertical grades at the discretion of the Engineer or as noted on the plans. Materials and Labor to be included in the bid price for One Course Cement Concrete Pavement Type B - Item 23B.



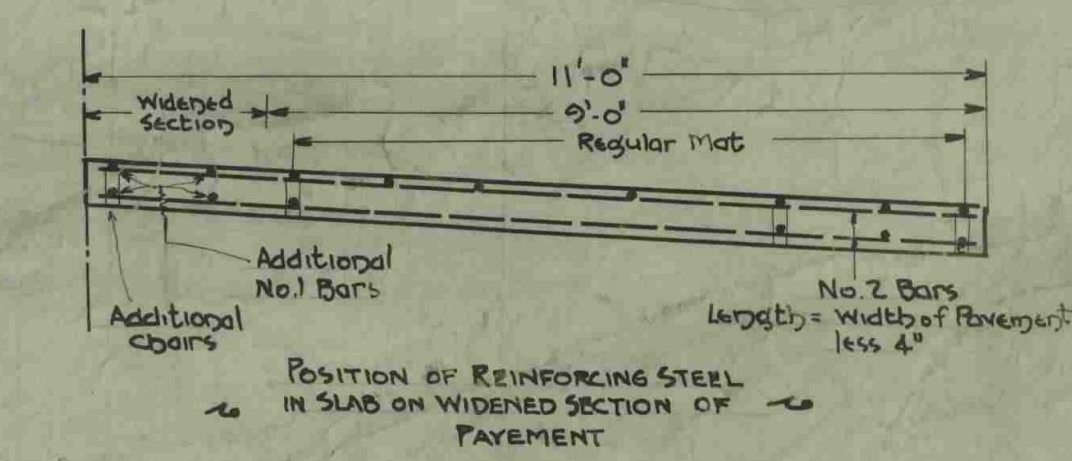
To be filled with approved tar or asphalt. Edges rounded to 3/4" radius. Concrete Pavement. Details of Transverse Expansion Joint. Core shall be taken that excess mortar is cleared from the top of all expansion joints ~ ~ also that joints set flush with sub-grade for their entire length.

BLEEDERS OR SIDE DRAINS ~ ~ Bleeders or Side Drains from Sub-Base of Gravel to be located at frequent intervals to provide proper drainage to side of road ~ ~

Width of Drain	Thickness of Drain
3'-0"	Thickness of Sub-Base

Construction methods and pavement to be same as Sub-Base of Gravel - Item 12C ~ ~

All Concrete in Pavement to be Class A (1-2-4)



FOR ONE 4' WIDE SLAB 44'-6" LONG - 9'-0" WIDE

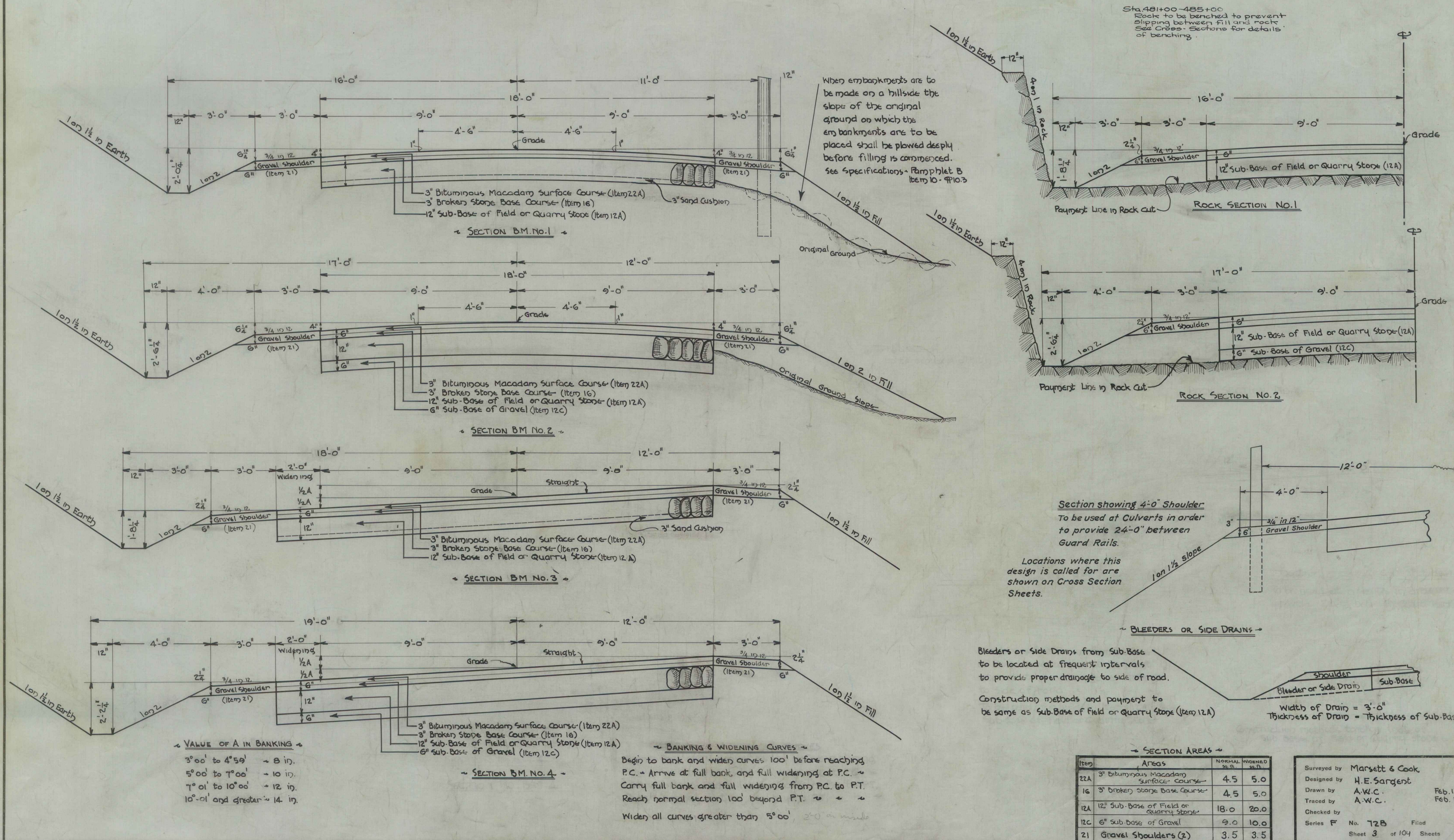
Item	Quantity	Unit	Price
No. 2 Bars	11.10	lb.	4.4
No. 1 Bars	8.8	lb.	3.4
No. 3 Bars	8.8	lb.	3.4
No. 4 Bars	2.0	lb.	4.0
No. 5 Bars	2.0	lb.	4.0
No. 6 Bars	2.0	lb.	4.0
No. 7 Bars	2.0	lb.	4.0
No. 8 Bars	2.0	lb.	4.0
No. 9 Bars	2.0	lb.	4.0
No. 10 Bars	2.0	lb.	4.0
No. 11 Bars	2.0	lb.	4.0
No. 12 Bars	2.0	lb.	4.0
No. 13 Bars	2.0	lb.	4.0
No. 14 Bars	2.0	lb.	4.0
No. 15 Bars	2.0	lb.	4.0
No. 16 Bars	2.0	lb.	4.0
No. 17 Bars	2.0	lb.	4.0
No. 18 Bars	2.0	lb.	4.0
No. 19 Bars	2.0	lb.	4.0
No. 20 Bars	2.0	lb.	4.0
No. 21 Bars	2.0	lb.	4.0
No. 22 Bars	2.0	lb.	4.0
No. 23 Bars	2.0	lb.	4.0
No. 24 Bars	2.0	lb.	4.0
No. 25 Bars	2.0	lb.	4.0
No. 26 Bars	2.0	lb.	4.0
No. 27 Bars	2.0	lb.	4.0
No. 28 Bars	2.0	lb.	4.0
No. 29 Bars	2.0	lb.	4.0
No. 30 Bars	2.0	lb.	4.0
No. 31 Bars	2.0	lb.	4.0
No. 32 Bars	2.0	lb.	4.0
No. 33 Bars	2.0	lb.	4.0
No. 34 Bars	2.0	lb.	4.0
No. 35 Bars	2.0	lb.	4.0
No. 36 Bars	2.0	lb.	4.0
No. 37 Bars	2.0	lb.	4.0
No. 38 Bars	2.0	lb.	4.0
No. 39 Bars	2.0	lb.	4.0
No. 40 Bars	2.0	lb.	4.0
No. 41 Bars	2.0	lb.	4.0
No. 42 Bars	2.0	lb.	4.0
No. 43 Bars	2.0	lb.	4.0
No. 44 Bars	2.0	lb.	4.0
No. 45 Bars	2.0	lb.	4.0
No. 46 Bars	2.0	lb.	4.0
No. 47 Bars	2.0	lb.	4.0
No. 48 Bars	2.0	lb.	4.0
No. 49 Bars	2.0	lb.	4.0
No. 50 Bars	2.0	lb.	4.0

Reinforcing Steel per 100 sq. ft. of pavement (exclusive of dowels & chairs) = 79.5 lbs.

Designed by: Marsett and Cook
Checked by: H.E. Sargent
Date: Feb. 1925
Series F No. 72B
Sheet 2 of 104 Sheets

TYPICAL SECTIONS BITUMINOUS MACADAM PAVEMENT ITEM 22

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	72 B	1928	3	104

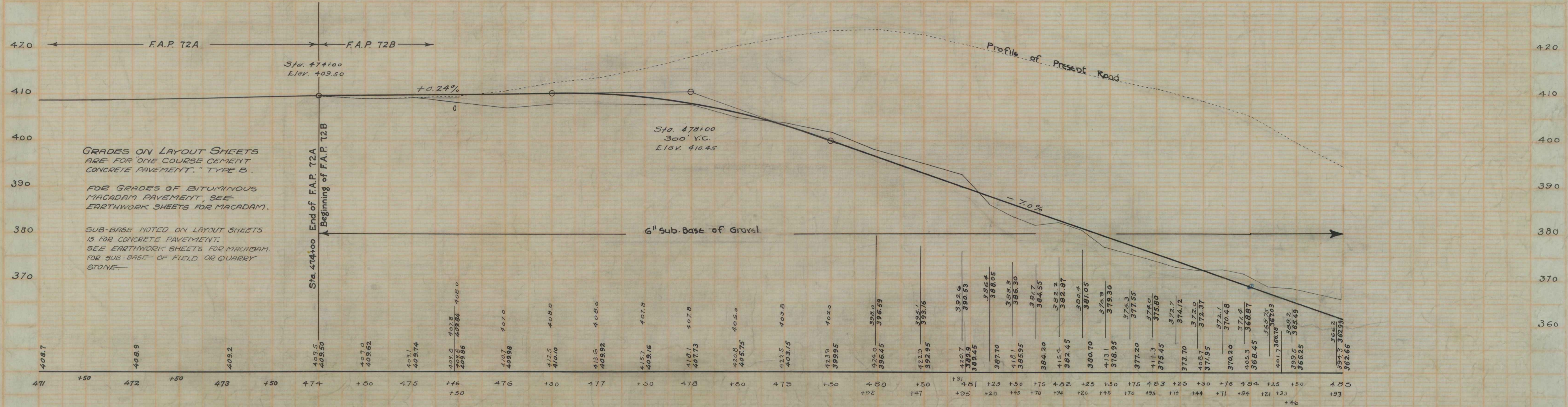
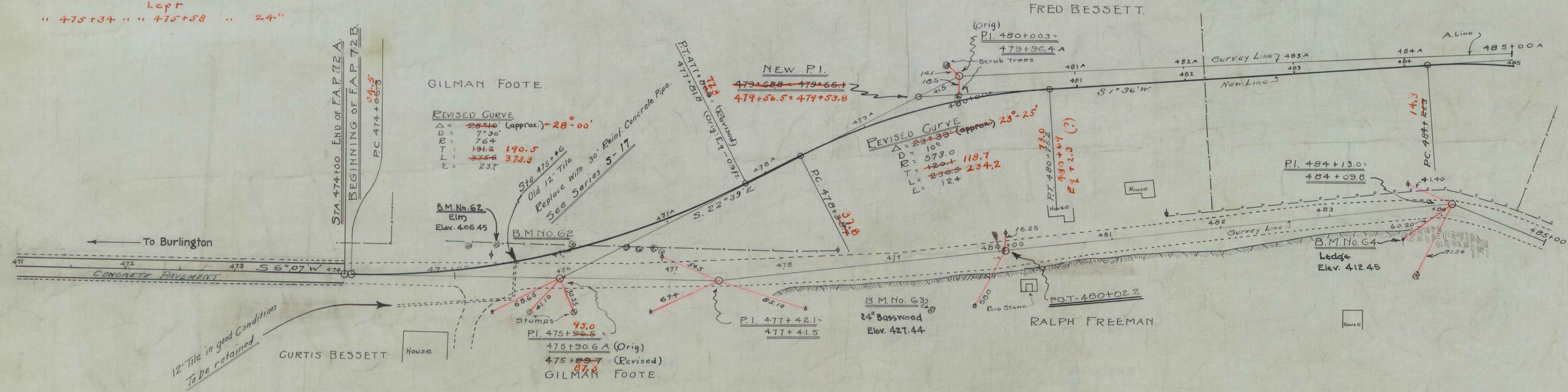


CABLE GUARD RAIL REQUIRED
LEFT
 Sta. 475+34 to 475+58 Length 24 ft.
 " 483+00 " 483+40 " 40 ft.
 " 484+50 " 485+00 " 50 ft.

WOOD GUARD RAIL REQUIRED
Right
 Sta. 475+34 to Sta. 475+58 Length 24 ft.
 " 483+00 " 483+40 " 40 ft.
 " 484+50 " 485+00 " 50 ft.

NEW CULVERTS REQUIRED
 Sta. 475+46 - 30" Reinf. Concrete Pipe Culvert 40 Linft.
 Concrete Class A (1-2-4) 35 cu. yds.
 Reinforcing Steel 65 pounds.
 " 483+00 - 18" Reinf. Concrete Pipe Culvert 32 Linft.
 Concrete Class A (1-2-4) 1.07 cu. yds.
 " " B (1-2 1/2-5) 0.82 " " " " 45 lbs

SUB-BASE OF GRAVEL REQUIRED
 Sta. 474+00 to 485+00. 6" Sub-base of Gravel 1100 Lin ft.



B.M. No. 62 Spike in Elm Left of Sta. 475+11 Elev. 406.45
 B.M. No. 63 Spike in 24" Basswood Right of Sta. 479+32 Elev. 427.44
 B.M. No. 64 Paint Point on Ledge Right of Sta. 483+62 Elev. 412.45

WOOD GUARD RAIL REQUIRED

LEFT

Sta.	Length	Notes
490+00 to 490+24	24 ft	
492+22 to 492+46	24 ft	
499+31 to 500+00	69 ft	

RIGHT

Sta.	Length	Notes
490+28 to 490+52	24 ft	
492+22 to 492+46	24 ft	
499+31 to 500+00	69 ft	
496+26 to 496+48	22 ft	

CABLE GUARD RAIL REQUIRED

LEFT

Sta.	Length	Notes
485+00 to 488+22	342 ft	

NEW CULVERTS REQUIRED

Sta. 490+40	18" Reinf. Concrete Pipe Culvert 36 ft	36
	Concrete Class B (1-2 1/2) 2.7 cu yds	
	Reinforcing Steel 54.33 #	
Sta. 492+34	30" Reinf. Concrete Pipe Culvert 36 ft	36
	Concrete Class B (1-2 1/2) 4.15 cu yds	
	Reinforcing Steel 58.38 #	

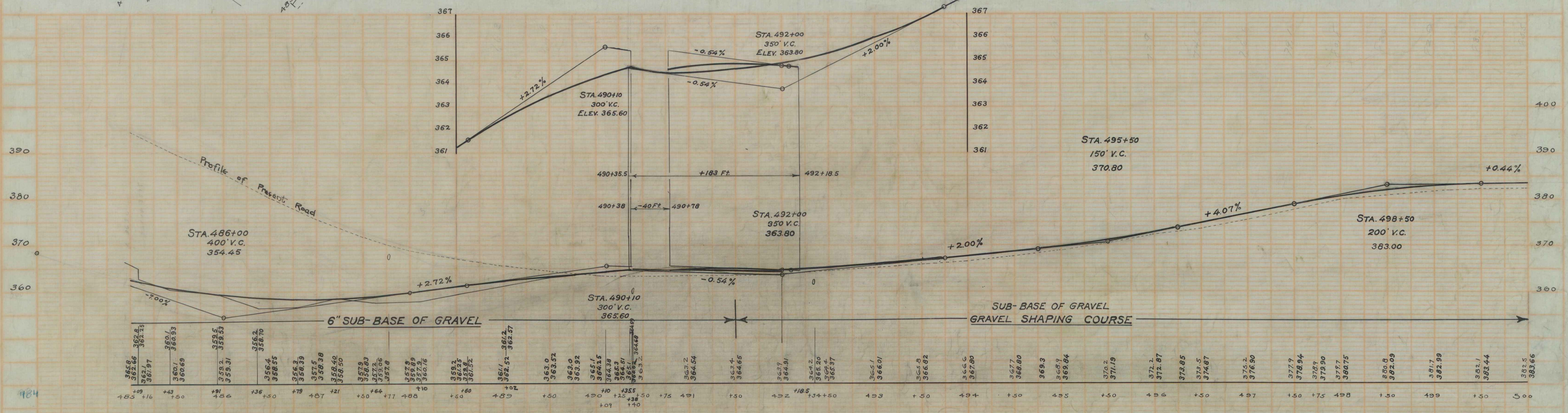
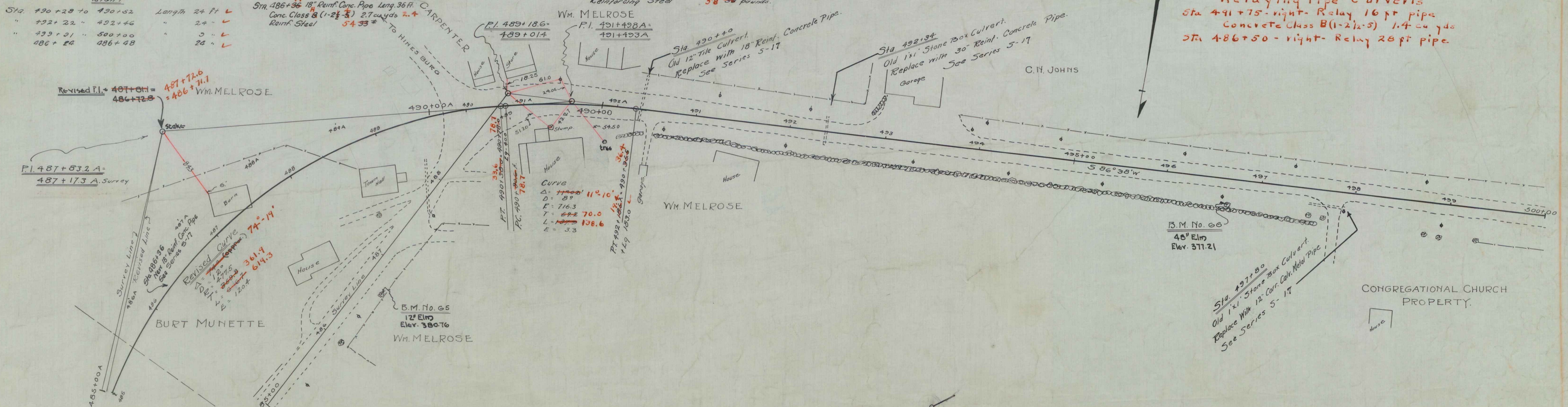
DRIVEWAY PIPE CULVERTS REQUIRED

Sta. 497+80	Right 12" Cor. Galv. Metal Pipe 30 ft	40
	Concrete Class B (1-2 1/2) 1.4 cu yds	

SUB-BASE OF GRAVEL REQUIRED

Sta. 485+00 to 491+50	6" Sub-base of gravel 793 lin. ft. Eq. 143 ft.	
Sta. 491+50 to 500+00	Gravel Shaping Course 850 lin. ft. (at Sub-base of Gravel)	

Relaying Pipe Culverts
 Sta. 491+75 - right - Relay 16 ft pipe
 Concrete Class B (1-2 1/2) 1.4 cu yds
 Sta. 486+50 - right - Relay 20 ft pipe



B.M. No. 65 Spike in 12" Elm. Right of Sta. 486+67 Elev. 380.76
 B.M. No. 66 Spike in 48" Elm. Right of Sta. 496+67 Elev. 377.21

WOOD GUARD RAIL REQUIRED.

LEFT
Sta 500+00 to 500+15 Length 15 ft.
" 513+38 " 513+62 " 24"
RIGHT
Sta 500+00 to 500+15 Length 15 ft.
" 513+08 " 513+62 " 24"

NEW CULVERTS REQUIRED.

Sta 500+03- 30" Reinf. Concrete Pipe Culvert 32 Lin. ft.
Concrete Class B (1-2-4) 2.635 cu yd.
Reinforcing Steel 58 66 pounds.
Sta 513+48 18" Reinf. Concrete Pipe Culvert 36 Lin. ft.
Concrete Class B (1-2-4) 3.7 cu yd.
Reinforcing Steel 54 lbs

DRIVEWAY PIPE CULVERTS REQUIRED.

Sta 509+30 Right 12" Cor. Galv. Metal Pipe 20 Lin. ft. 20
Concrete Class B (1-2-4) 1.414 cu yd.
Sta 510+90 Right 12" Cor. Galv. Metal Pipe 20 Lin. ft.
Concrete Class B (1-2-4) 1.414 cu yd.
Sta 512+25 Left 12" Cor. Galv. Metal Pipe 40 Lin. ft. 20
Concrete Class B (1-2-4) 1.414 cu yd.
Sta 513+50- right- 12" Galv. Metal Pipe

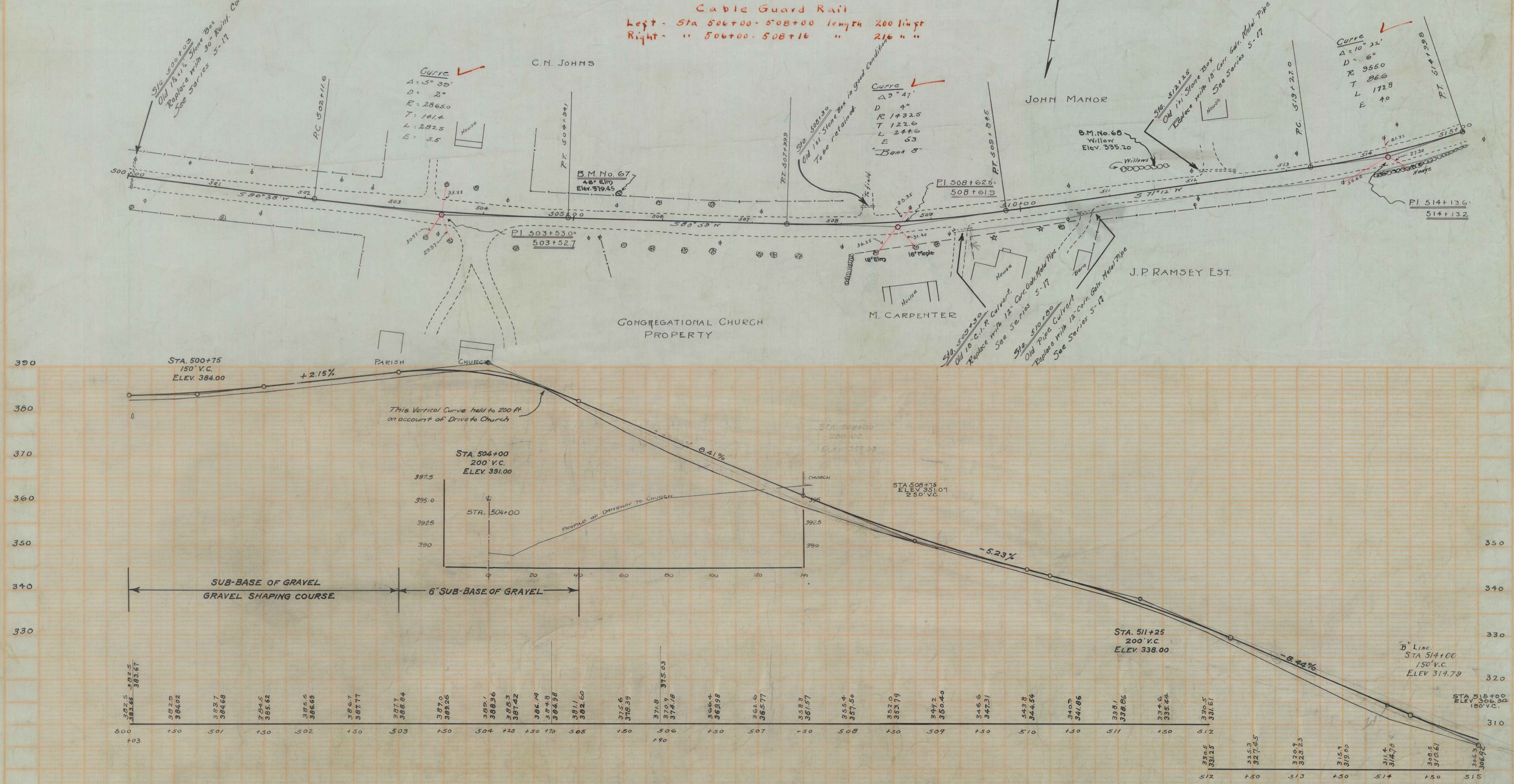
SUB-BASE OF GRAVEL REQUIRED.

Sta 500+00 to 503+00
Sub-base of gravel 300 Lin. ft.
Gravel Shaping Course
6" Sub-Base of Gravel 200 Lin. ft.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VI.	72 B	1928	6	104

12/16
H.W.M.
G.M.E.

12/16
A.A.D.



B.M. No. 67 Spike in 45' Elm Left of Sta. 503+50 Elev 379.45
B.M. No. 68 Spike in Willow Left of Sta. 511+63 Elev 335.20

Series F No. 72 B
Sheet 6 of 104

WOOD GUARD RAIL REQUIRED

STATION	LENGTH	TYPE
Sta. 529+76 to 530+00	24 ft.	Left
517+18 to 517+42	24 ft.	Left
523+90 to 524+22	24 ft.	Left
Sta. 529+76 to 530+00	24 ft.	Right

CABLE GUARD RAIL REQUIRED

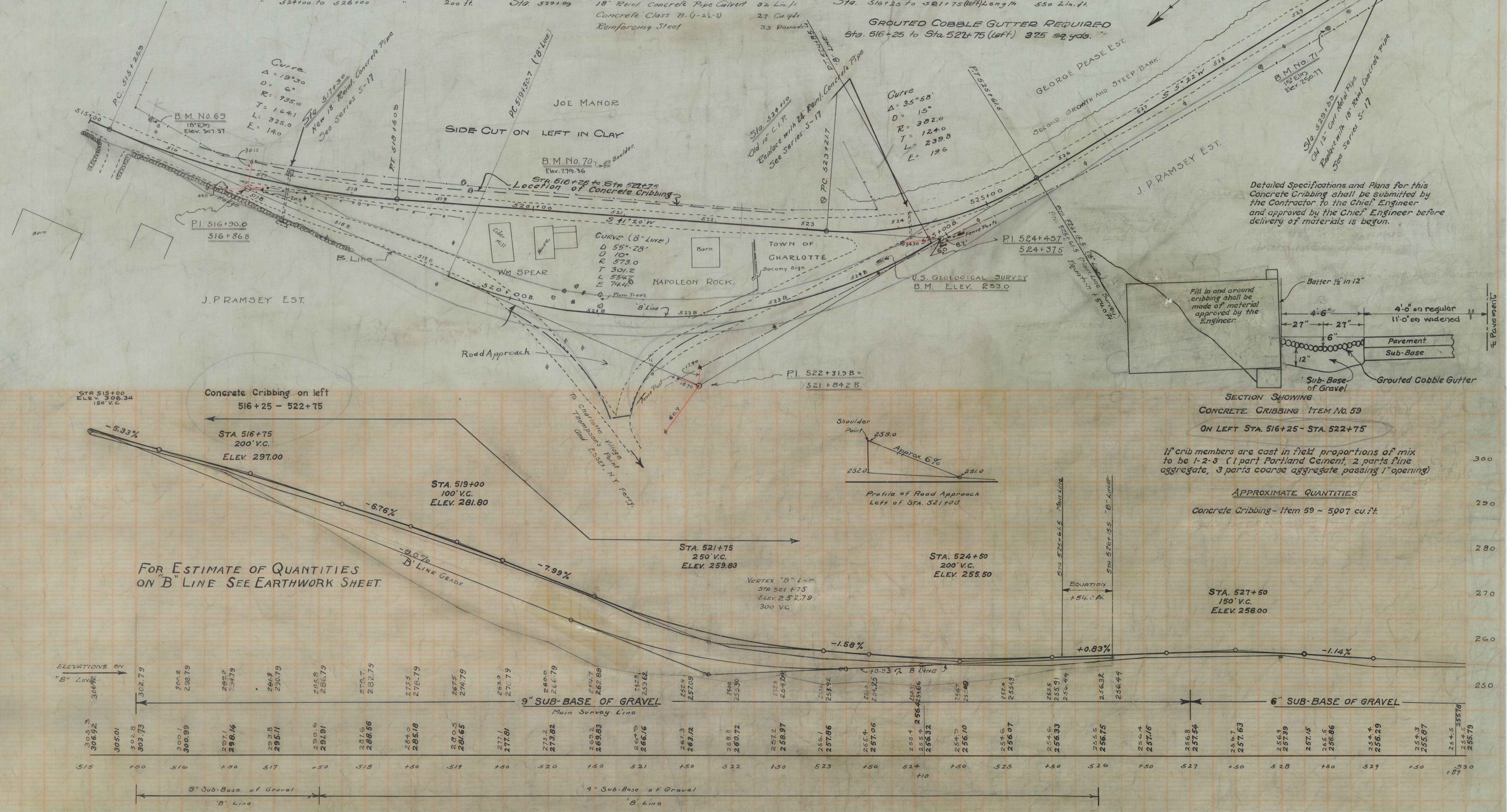
STATION	LENGTH	TYPE
Sta. 517+18 to 517+42	24 ft.	Left
Sta. 523+90 to 524+22	24 ft.	Left
Sta. 517+00 to 519+24	224 ft.	Right
Sta. 524+00 to 526+00	200 ft.	Right

NEW CULVERTS REQUIRED

STATION	LENGTH	TYPE
Sta. 517+00 to 517+24	24 ft.	18" Rein. Concrete Pipe Culvert
Sta. 524+00 to 526+00	200 ft.	18" Rein. Concrete Pipe Culvert

SUB-BASE OF GRAVEL REQUIRED

STATION	LENGTH	TYPE
Sta. 515+50 to 527+00	1150 Lin. ft.	9" Gravel Sub-base of Gravel
Sta. 527+00 to 530+00	300 Lin. ft.	9" Gravel Sub-base of Gravel



B.M. No. 69. Spike in 18" Elm. Left of Sta. 515+02. Elev. 307.37
 B.M. No. 70. Boulder in field, Left of Sta. 520+73. Elev. 279.30
 B.M. No. 71. Spike in 18" Elm. Right of Sta. 529+17. Elev. 250.77

WOOD GUARD RAIL REQUIRED

Sta.	Length	Notes
Sta. 532+00 to 533+12	24 ft	Left
" 535+38 " 535+62	" 24 "	"
Sta. 532+00 to 533+12	24 ft	Right
" 535+38 " 535+62	" 24 "	"

NEW CULVERTS REQUIRED

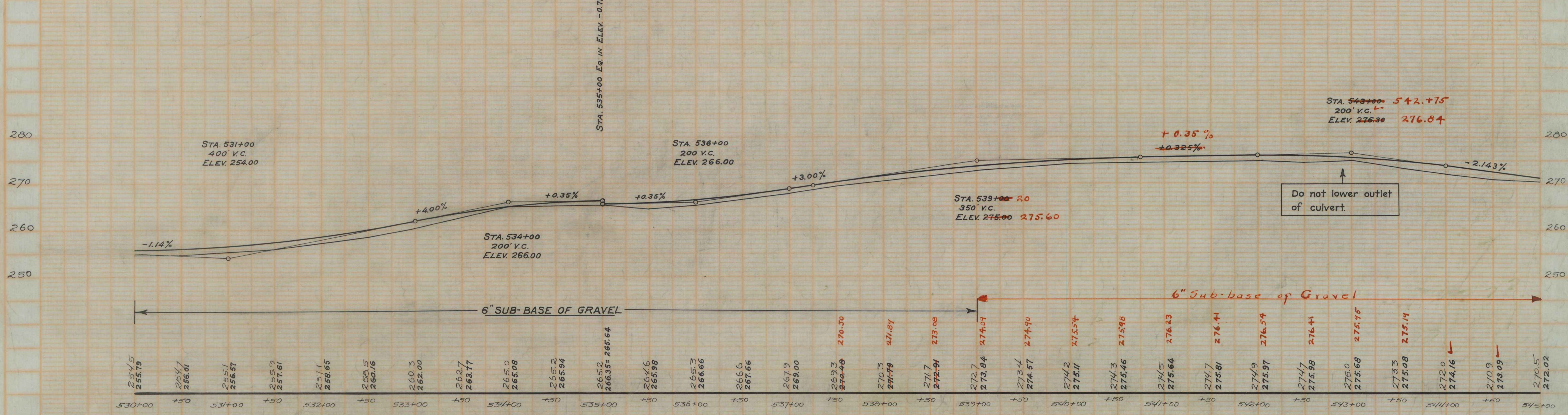
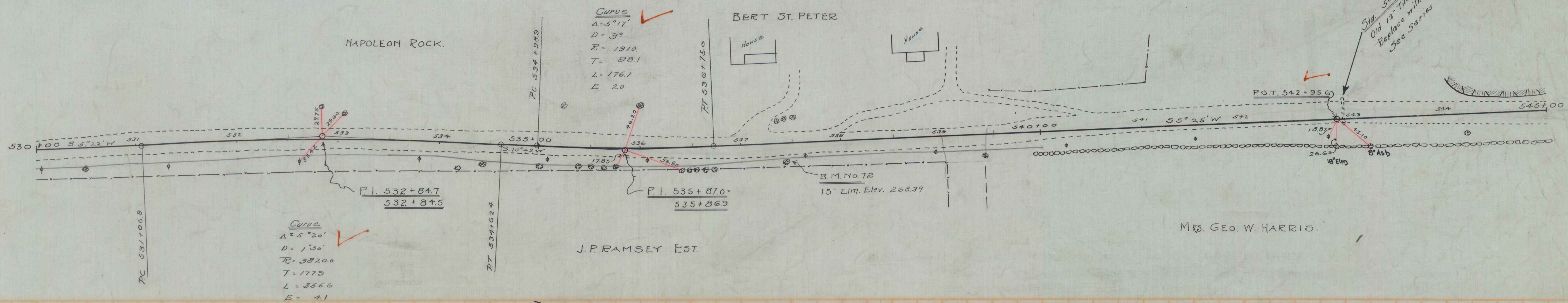
Sta.	Notes
Sta. 533+00	18" Reinf. Concrete Pipe Culvert 32 Lin. ft. Concrete Class A (1-2-4) 2.7 Cu yds. 2.5 Reinforcing Steel 54 lbs
Sta. 535+50	15" Reinf. Conc. Pipe Culvert 32 Lin. ft. Concrete Class B (1-2-4) 2.5 Cu yds 54 lbs Reinforcing Steel

SUB-BASE OF GRAVEL REQUIRED

Sta.	Notes
Sta. 530+00 to 533+00	6" Sub-base of gravel 300 Lin. ft. 1500

Driveway Culverts

Sta.	Notes
Sta. 537+10	Left - Relay 25 ft of pipe Concrete class B (1-2 1/2-5) 1.4 Cu yds
Sta. 538+00	Left - Relay 20 ft of pipe Concrete class B (1-2 1/2-5) 1.4 "



B.M. No. 72. Spike in 15" Elm. Right of Sta. 537+45, Elev. 268.39

WOOD GUARD RAIL REQUIRED

LEFT			
Sta.	550+36 to 550+60	Length	24 ft. ✓
"	550+36 " 550+22	"	24 " ✓
"	550+26 " 550+50	"	24 " ✓
"	550+80 " 560+00	"	20 " ✓
RIGHT			
Sta.	550+36 to 550+60	Length	24 ft. ✓
"	550+88 " 550+12	"	24 " ✓
"	550+26 " 550+50	"	24 " ✓
"	550+80 " 560+00	"	20 " ✓

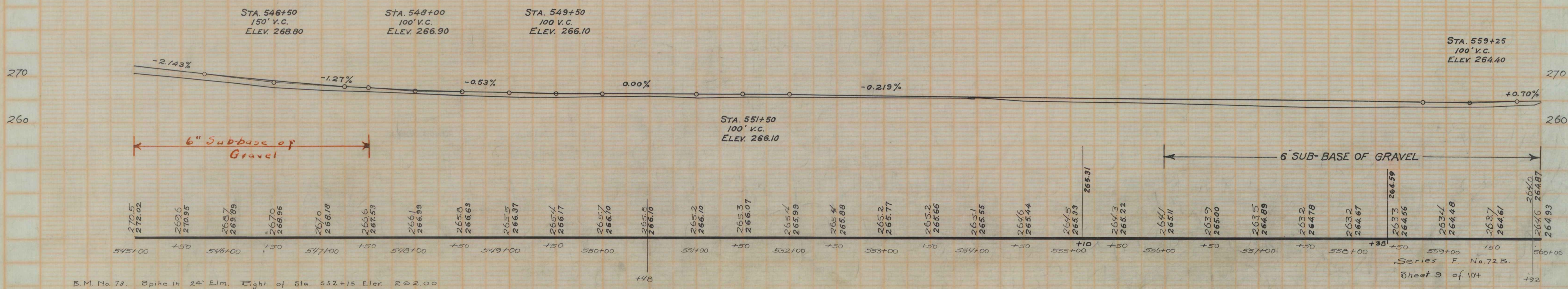
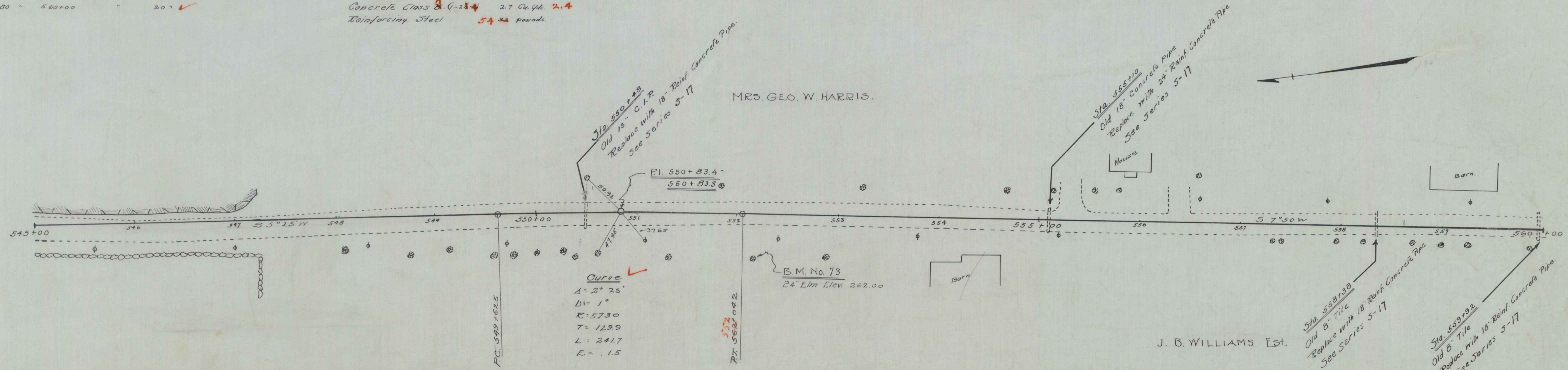
NEW CULVERTS REQUIRED

Sta. 550+38 - 18" Rein. Concrete Pipe Culvert	32 Lin. ft. ✓
Concrete Class $\frac{8}{8}$ (1-24)	2.5 Cu. yds. ✓
Reinforcing Steel	87 pounds. ✓
Sta. 555+10 - 24" Rein. Concrete Pipe Culvert	32 Lin. ft. ✓
Concrete Class $\frac{8}{8}$ (1-24)	2.5 Cu. yds. ✓
Reinforcing Steel	80 pounds. ✓
Sta. 558+38 - 18" Rein. Concrete Pipe Culvert	32 Lin. ft. ✓
Concrete Class $\frac{8}{8}$ (1-24)	2.4 Cu. yds. ✓
Reinforcing Steel	80 pounds. ✓
Sta. 559+92 - 18" Rein. Concrete Pipe Culvert	36 Lin. ft. ✓
Concrete Class $\frac{8}{8}$ (1-24)	2.7 Cu. yds. ✓
Reinforcing Steel	54.22 pounds. ✓

SUB-BASE OF GRAVEL REQUIRED

Sta. 556+00 to 560+00 - 6" Sub-base of Gravel	400 Lin. ft.
545+00 " 547+50	6" " " " 250 " "

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VI.	725	1928	9	124



B.M. No. 73. Spike in 24" Elm. Right of Sta. 552+15 Elev. 262.00

Sheet 9 of 104
Series F No. 72 B.

WOOD GUARD RAIL REQUIRED

LEFT	Length	# P.
Sta. 560+00 to 560+04	4 ft	✓
" 564+67 " 564+91	24 ft	✓
" 568+52 " 568+76	24 ft	✓

RIGHT	Length	# P.
Sta. 560+00 to 560+04	4 ft	✓
Sta. 564+67 " 564+91	24 ft	✓
" 568+52 " 568+76	24 ft	✓

NEW CULVERTS REQUIRED

Sta. 564+79 - 18" Rein. Concrete Pipe Culvert	32 Lin ft	✓
Concrete Class II (1-2 1/2")	2.422 Cu yds	
Reinforcing Steel	54 32 pounds	
Sta. 568+68 - 18" Rein. Concrete Pipe Culvert	32 Lin ft	✓
Concrete Class II (1-2 1/2")	2.422 Cu yds	
Reinforcing Steel	54 32 pounds	

SUB-BASE OF GRAVEL REQUIRED

Sta. 560+00 to 561+00 ~~Shaping Course~~ 100 Lin ft
561+00 " 562+00 6" Sub-base of Gravel

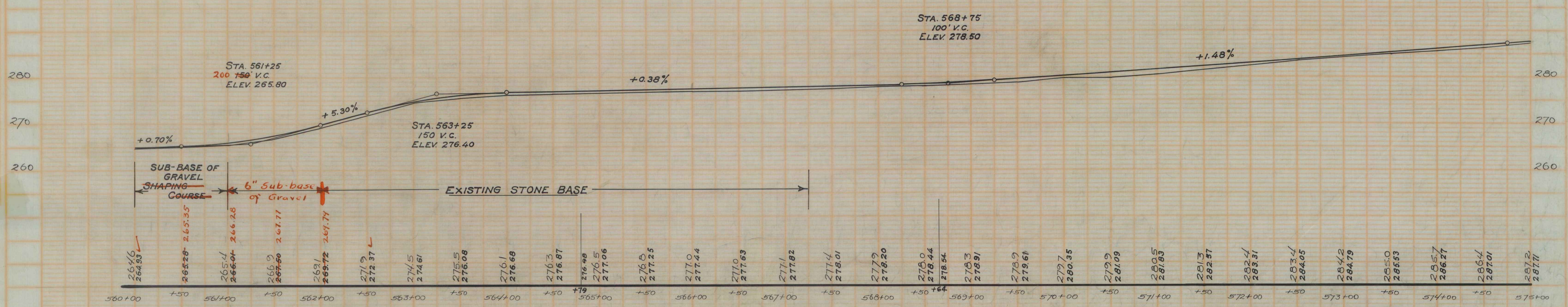
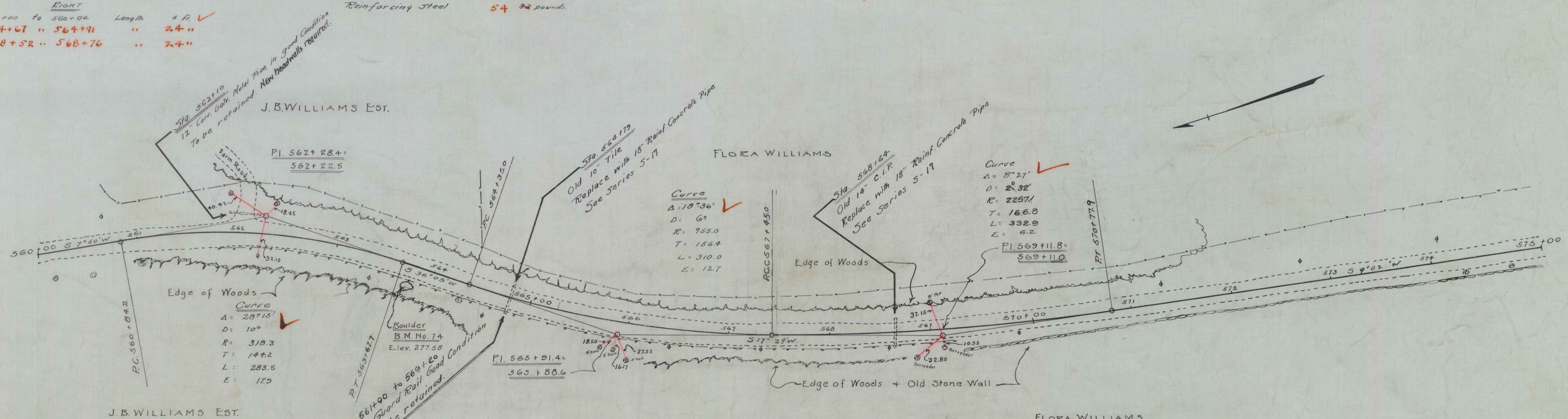
Cable Guard Rail

Sta. 565+73 to 567+05 - Right - length 192 lin ft

DRIVEWAY CULVERTS

Sta. 562+10 on left - New headwalls required. 14 targets

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VT.	720	1928	10	124



B.M. No. 74, Boulder on right of Sta. 563+79, Elev. 277.58

WOOD GUARD RAIL REQUIRED.

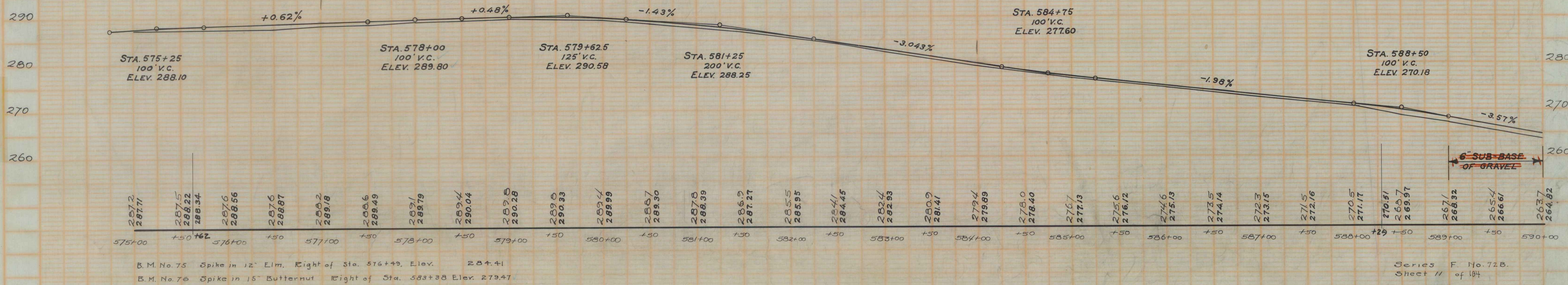
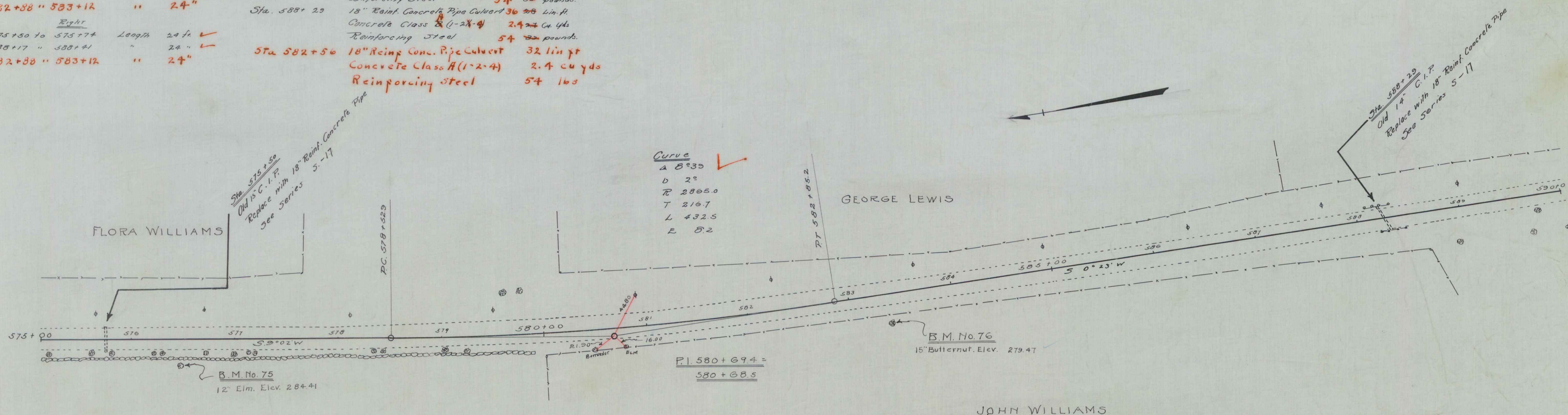
<u>Left</u>			
Sta.	575+50 to 575+74	Length	24 ft. ✓
"	588+17 " 588+41	"	24 " ✓
"	582+88 " 583+12	"	24 " ✓
<u>Right</u>			
Sta.	575+50 to 575+74	Length	24 ft. ✓
"	588+17 " 588+41	"	24 " ✓
"	582+88 " 583+12	"	24 " ✓

NEW CULVERTS REQUIRED

Sta. 575+62	18" Rein. Concrete Pipe Culvert	32 Lin ft.
	Concrete Class B (1-2X-4)	2.4 cu yds.
	Reinforcing Steel	54 lbs.
Sta. 588+29	18" Rein. Concrete Pipe Culvert	32 Lin ft.
	Concrete Class B (1-2X-4)	2.4 cu yds.
	Reinforcing Steel	54 lbs.
Sta. 582+50	18" Rein. Conc. Pipe Culvert	32 Lin ft.
	Concrete Class A (1-2-4)	2.4 cu yds.
	Reinforcing Steel	54 lbs.

SUB-BASE OF GRAVEL REQUIRED.
 Sta. 588+00 to 588+29 6" Sub-base of gravel 100 Lin ft.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VI.	72.B.	1928	11	104



B.M. No. 75 Spike in 12" Elm. Right of Sta. 576+49. Elev. 284.41
 B.M. No. 76 Spike in 15" Butternut Right of Sta. 583+38 Elev. 279.47

Series F. No. 72B.
 Sheet 11 of 104

DRIVEWAY CULVERTS REQUIRED

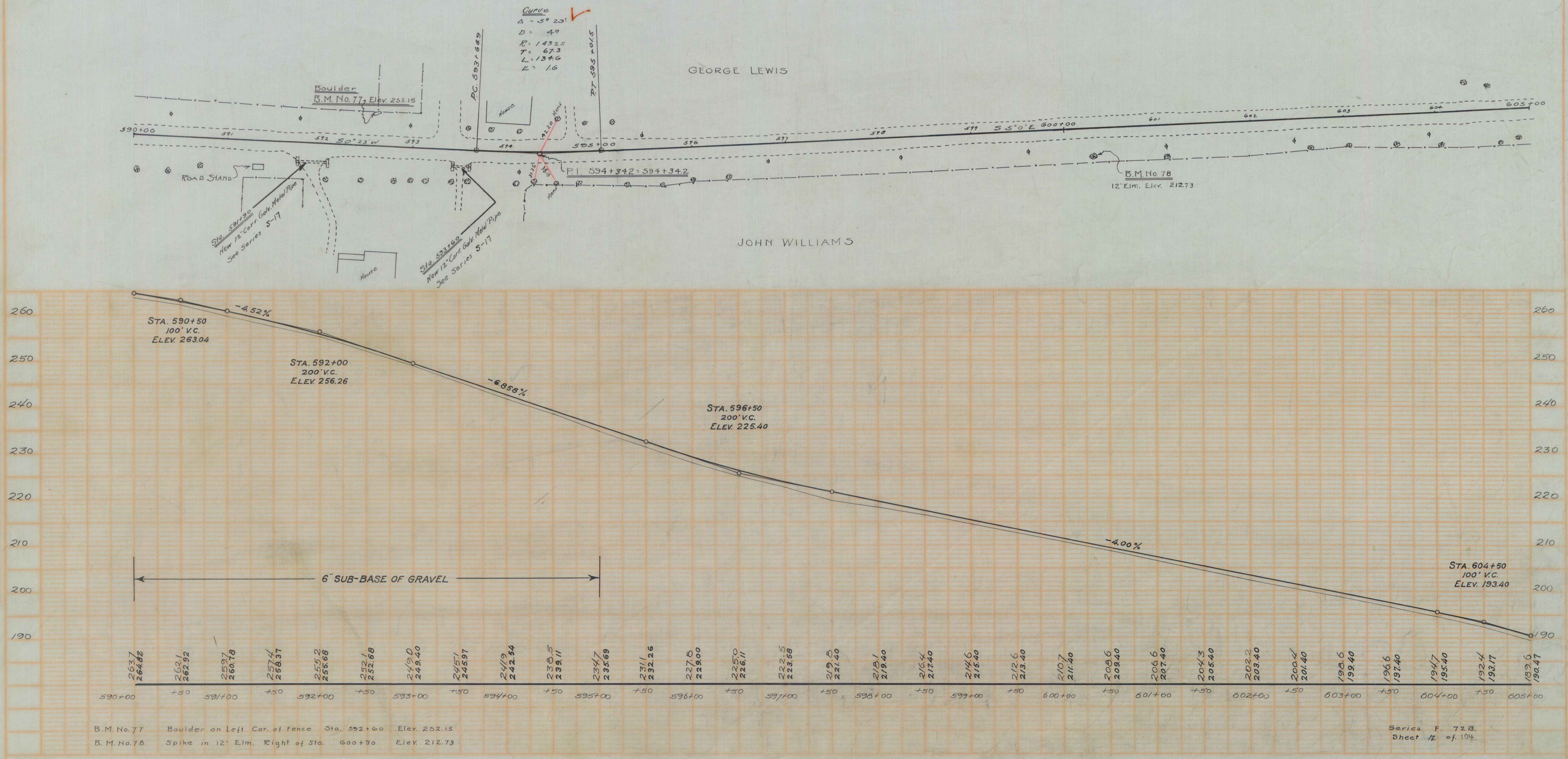
Sta. 591+50 Right 12" Cor. Galv. Metal Pipe 32 Lin. ft.
 Concrete Class B (1-2 1/2-3) 1.4 cu yds
 Sta. 593+60 Right 12" Cor. Galv. Metal Pipe 20 Lin. ft.
 Concrete Class B (1-2 1/2-3) 1.4 cu yds

SUB-BASE OF GRAVEL REQUIRED

Sta. 590+00 to 595+00 - 6" Sub-base of gravel 500 Lin. ft.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	VA	72B	1928	12	104

12/16
 A & D
 12/16



B.M. No. 77 Boulder on Left Cor. of Fence Sta. 592+50 Elev. 252.15
 B.M. No. 78 Spike in 12" Elm. Right of Sta. 600+30 Elev. 212.73

Series F. 72B.
 Sheet 12 of 104

WOOD GUARD RAIL REQUIRED.

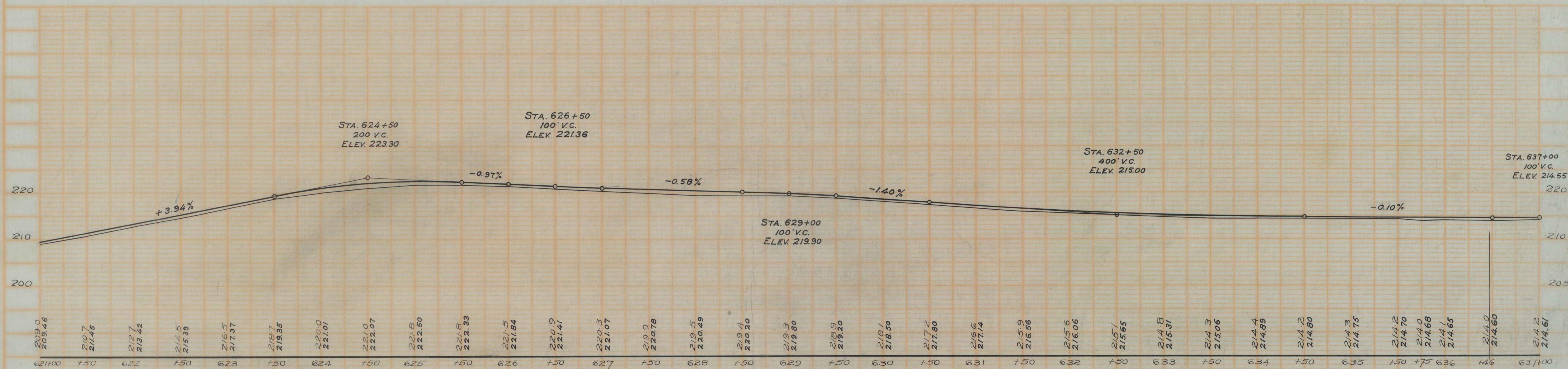
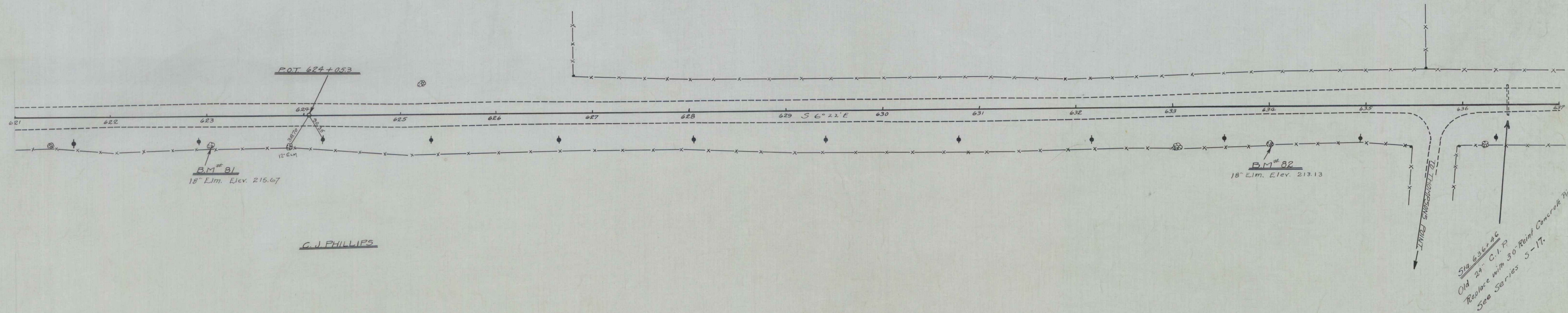
LEFT
Sta. 636+54 to 636+58 Length 24 ft. ✓

RIGHT
Sta. 636+39 to 636+58 Length 24 ft. ✓

NEW CULVERTS REQUIRED

Sta. 636+46 - 30" Reinf. Concrete Pipe Culvert 32 Lin. ft.
Concrete Class B (1-2-4) 3.9 cu yds.
Reinforcing Steel 54 66 pounds.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	W.V.	720	1928	14	104



B.M. NO. 81 - SPIKE IN 18" ELM, 32' RIGHT OF STA. 623+02 ELEV. 215.67
B.M. NO. 82 - SPIKE IN 18" ELM, 40' RIGHT OF STA. 634+00 ELEV. 213.13

SERIES F No 72B
SHEET 14 of 104

WOOD GUARD RAIL REQUIRED
 LEFT
 Sta. 610+00 to 610+02 Length 22 ft.
 RIGHT
 Sta. 610+00 to 610+02 Length 22 ft.

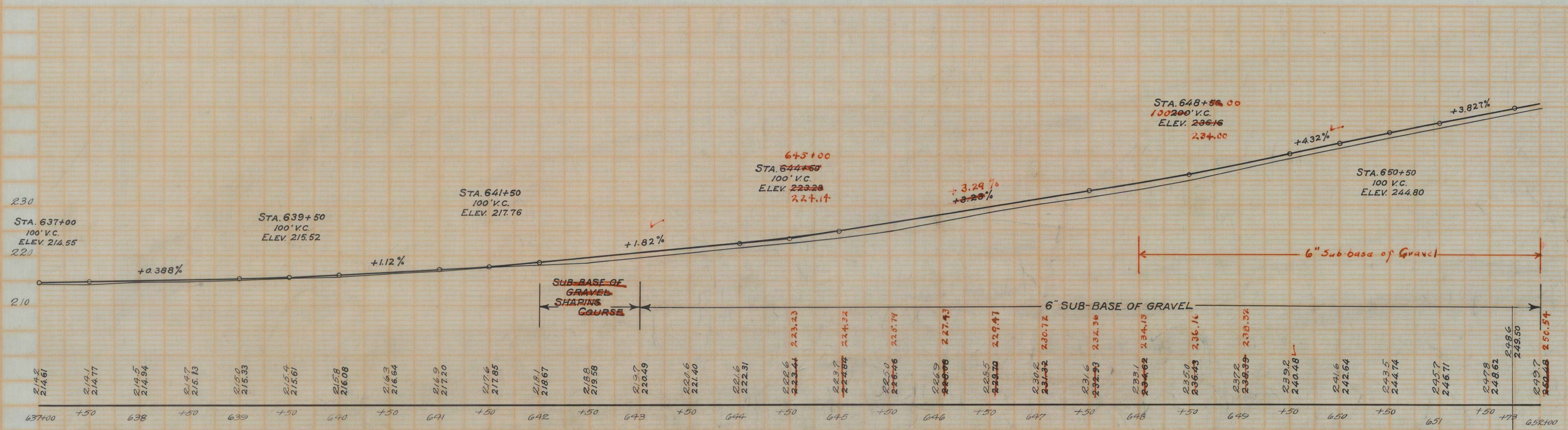
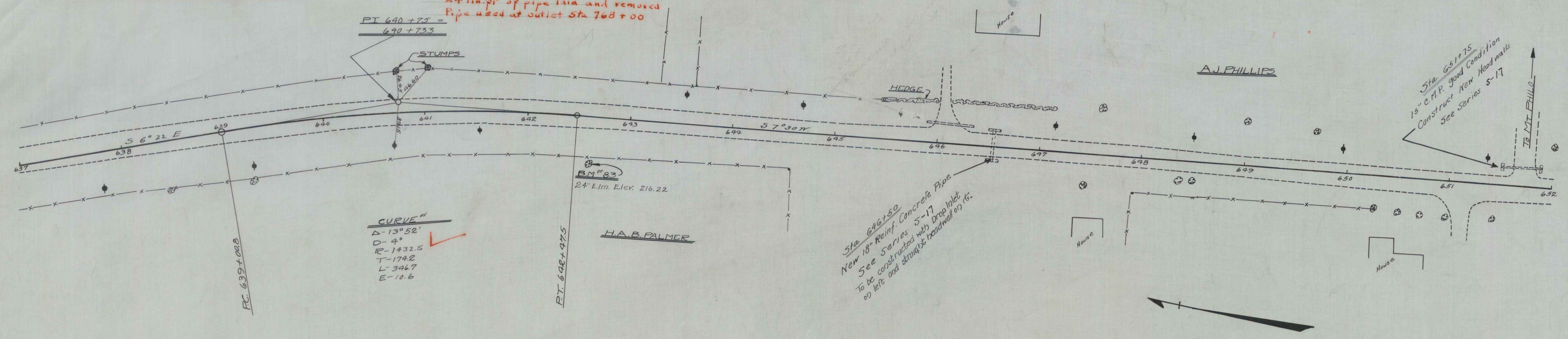
NEW CULVERTS REQUIRED
 Sta. 646+50 18" Rein. Concrete Pipe Culvert 22' long
 with Drop Inlet on left and straight H.W. on right.
 Concrete Class A (124) 1.0 cu yd.
 Concrete Class B (124) 1.4
 Reinforcing Steel 100 lbs.
 24 lin. ft. of pipe 12 in. and removed
 Pipe used at outlet Sta. 700+00

NEW DRIVEWAY CULVERTS REQUIRED
 Sta. 646+10 Left 12" Rein. Concrete Pipe 15' long
 Concrete Class B (124) 1.1 cu yd.

DRIVEWAY CULVERT REPAIRS REQUIRED
 Sta. 651+75 Build New Headwall 12' x 14'
 Class B Concrete (1-2-5) 1.4 cu yd.
 Relay 75 ft. of Pipe

SUB-BASE OF GRAVEL REQUIRED
 Sta. 644+00 to 648+00 6" Sub-base of Gravel
 100' V.C. 1.0 cu yd.
 Sta. 648+00 to 652+00 6" Sub-base of Gravel
 400' V.C. 1.0 cu yd.

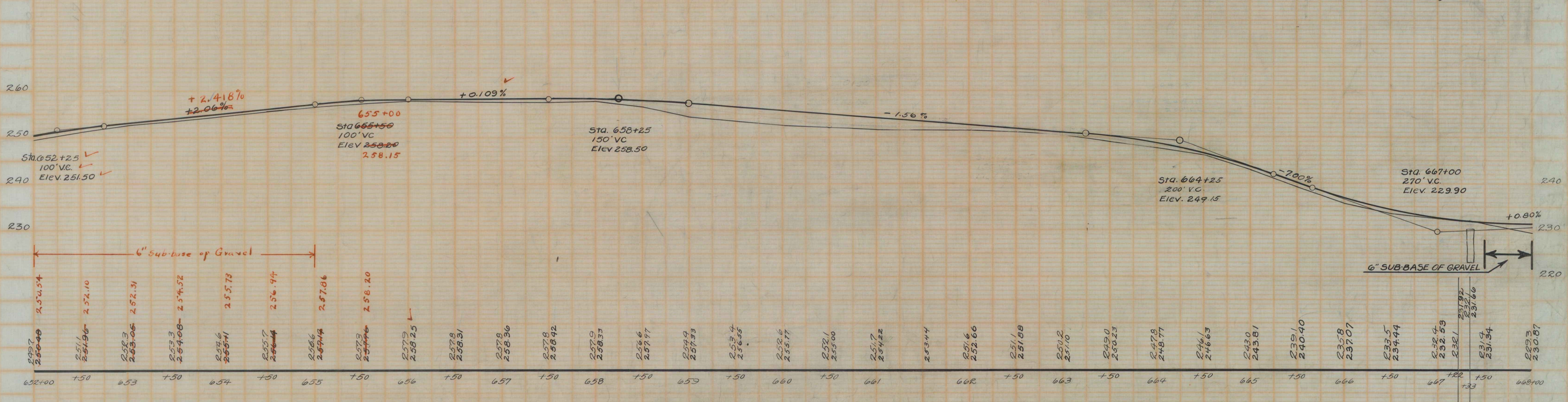
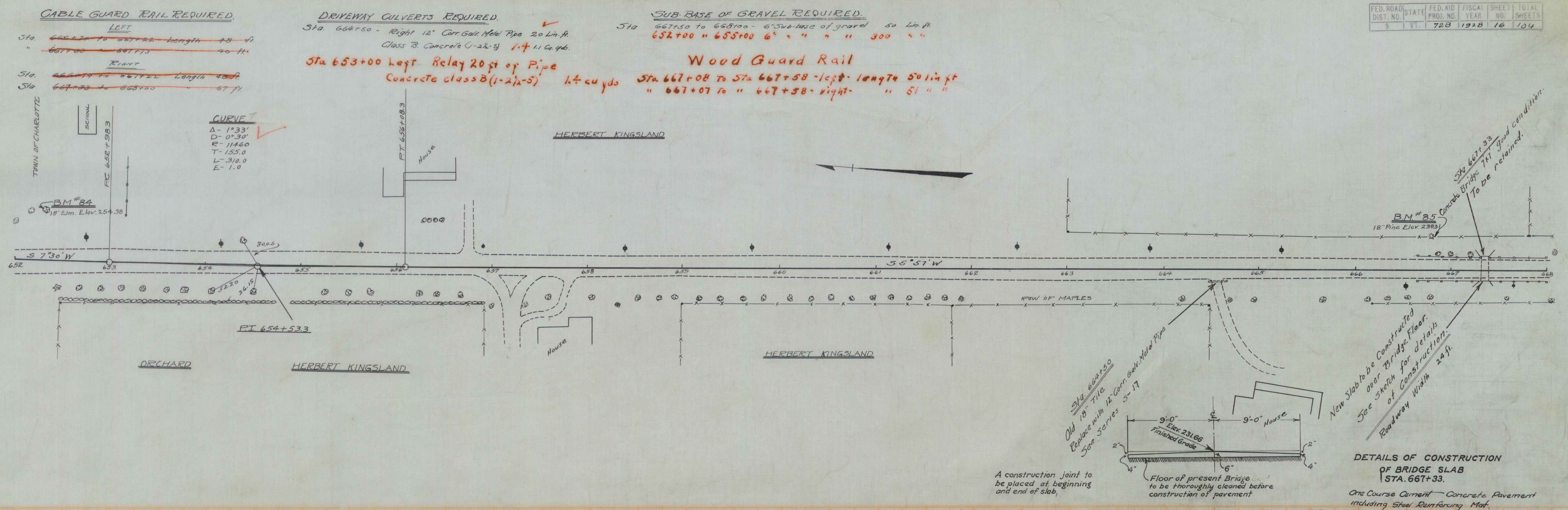
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT	728	1928	15	104



B.M. NO. 83 = SPIKE IN 24" ELM, 47' RIGHT OF STA. 642+62 ELEV. 216.22

SERIES F No 728
 SHEET 15 of 104

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	VT.	728	1928	16	104



B.M. NO. 84 - SPIKE IN 18" ELM. 51' LEFT OF STA. 652+31 ELEV. 254.98
 B.M. NO. 85 - SPIKE IN 18" PINE, 35' LEFT OF STA. 665+81 ELEV. 239.31

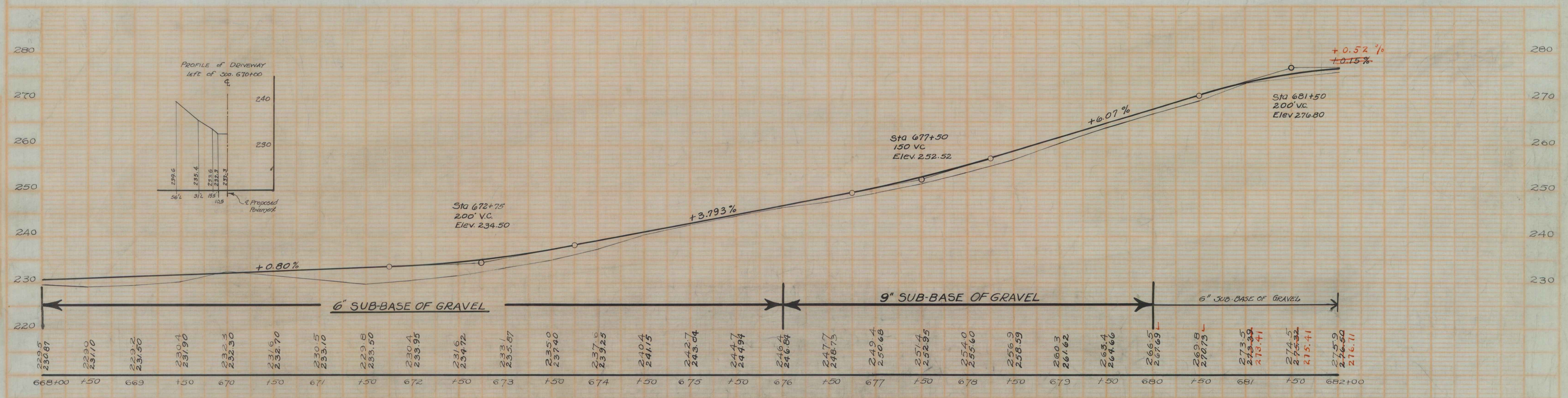
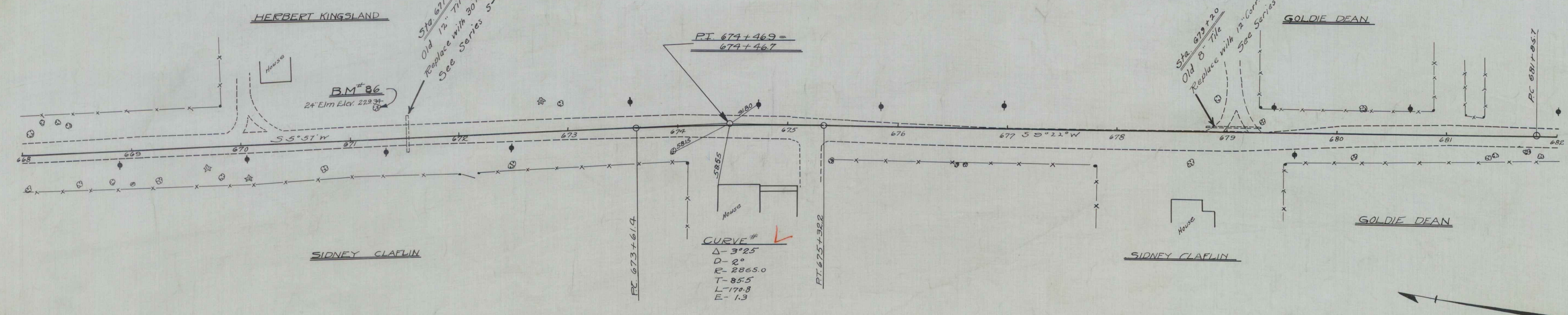
WOOD GUARD RAIL REQUIRED.
 LEFT and Right 4B
 Sta. 671+58 to 671+62 Length 4 ft.
CABLE GUARD RAIL REQUIRED
 Sta. 668+00 to 674+00 Length 600 ft.
 " 670+75 to 672+25 " 150 ft.

NEW CULVERTS REQUIRED.
 Sta. 671+50 - 30" Rein. Concrete Pipe Culvert to left.
 Concrete Class A (1-2-4) 8.5 cu yds 8.9
 Reinforcing Steel 66 pounds 5.4

DRIVEWAY CULVERTS REQUIRED
 Sta. 673+25 - Left 12" Cor. Gully Metal Pipe 50 Lin. ft.
 Concrete Class B (1-2-4) 11 cu yds.
 Sta. 675+25 - Right 12" Cor. Gully Metal Pipe 30 Lin. ft.
 Concrete Class B (1-2-4) 5.4 cu yds.
 " 679+00 - Right 12" Cor. Gully Metal Pipe 20 Lin. ft.
 Concrete Class B 1.4 cu yds.
GOLDIE DEAN

SUB-BASE OF GRAVEL REQUIRED.
 Sta. 668+00 to 674+00 - 6" Sub-base of gravel 800 Lin. ft.
 " 670+00 to 672+00 - 9" " " 400 "

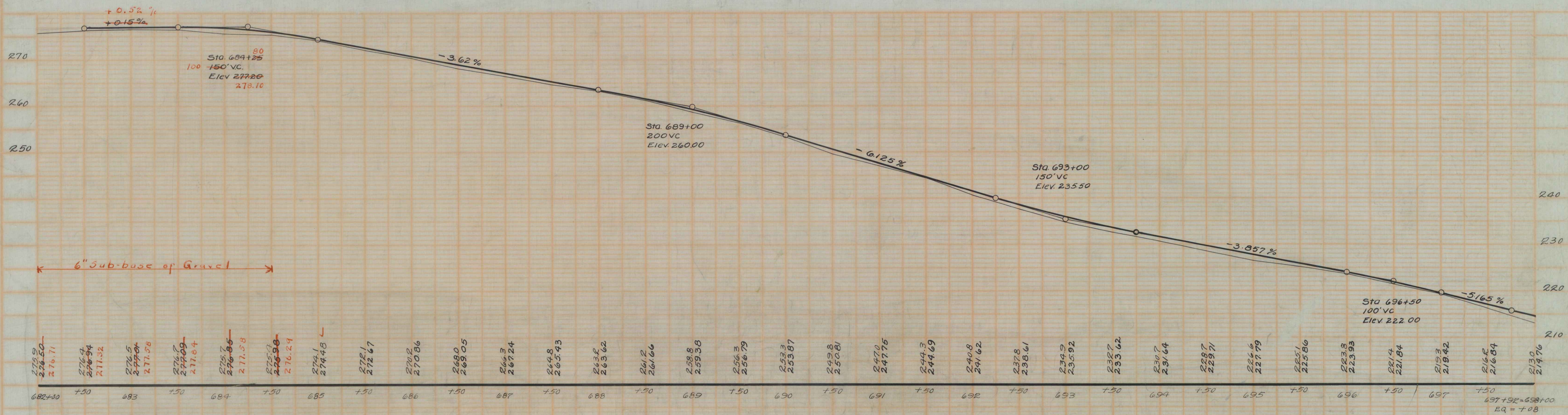
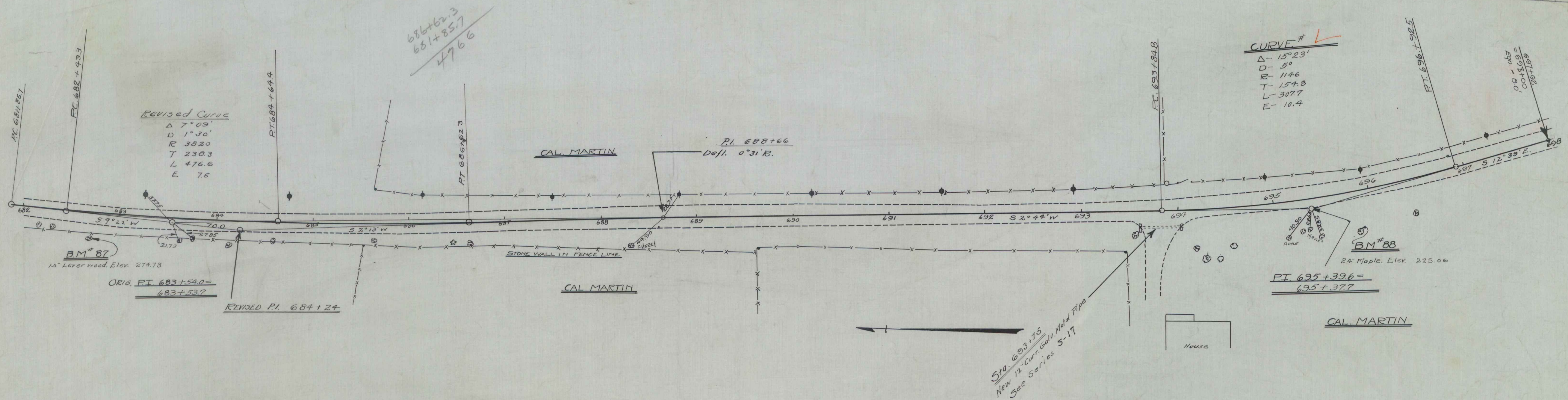
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VI.	72B	1228	17	104	



BM. NO. 86 - SPIKE IN 24" ELM, 28' LEFT OF STA. 671+25 ELEV. 229.34

DRIVEWAY CULVERTS REQUIRED
Sta 683+75 Right 12" Cor. Galv. Metal Pipe 14' Lin. fr. 32
Concrete Class 2 (1-2'-3) 1.4 Cuts 1.4

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VI.	728	1928	18	102



WOOD GUARD RAIL REQUIRED

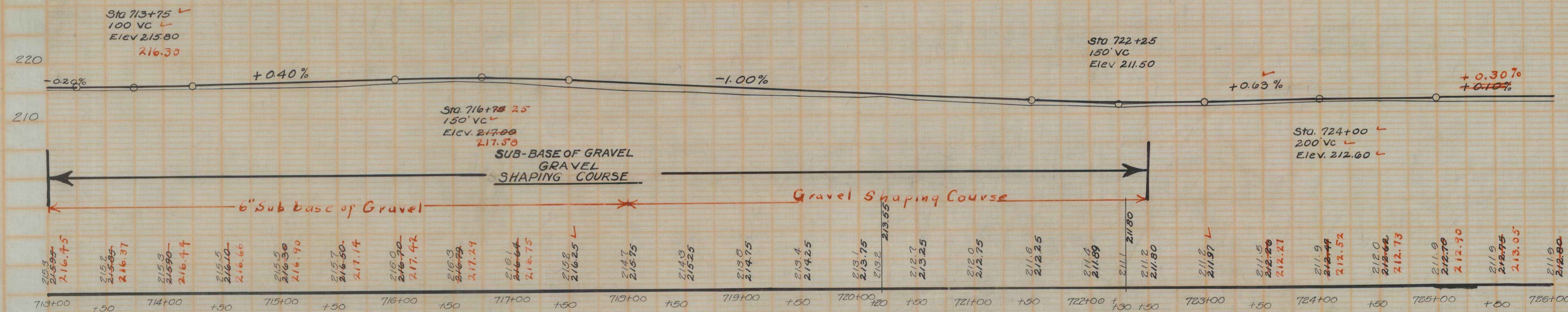
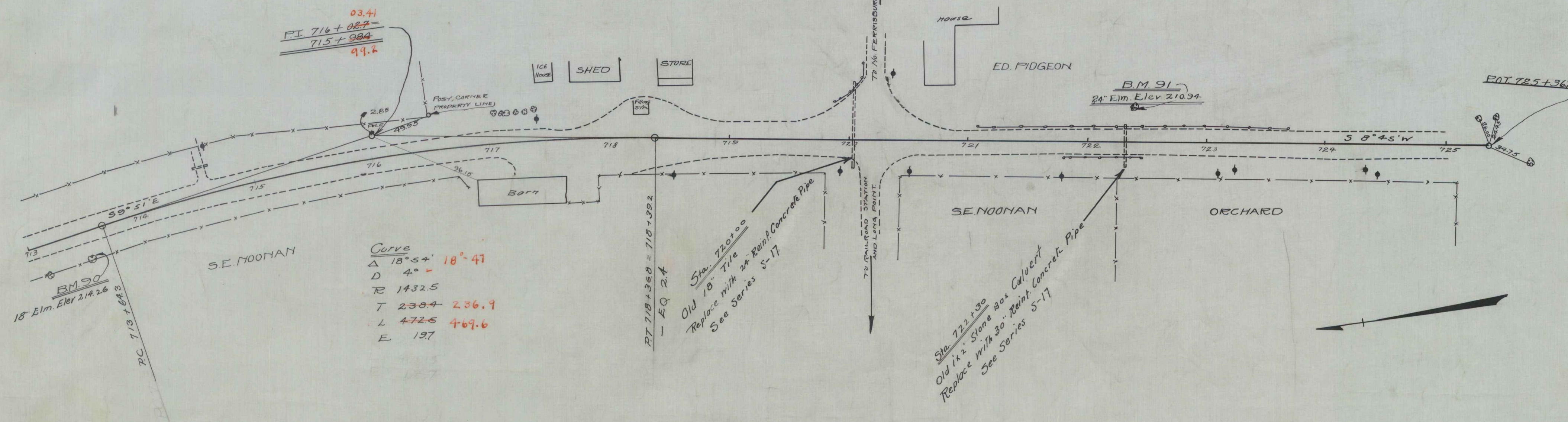
LEFT		RIGHT	
Sta.	Length	Sta.	Length
Sta. 710+00 to 720+12	24 ft.	Sta. 710+00 to 720+12	24 ft.
722+18	24 ft.	722+18	24 ft.

NEW CULVERTS REQUIRED

Sta. 720+00	24" Reinf. Concrete Pipe Culvert 76 Lin. ft.
	Concrete Class B (1-2-4) 20 cu yds. 4.0
	Reinforcing Steel 60 pounds 54.0
Sta. 722+00	30" Reinf. Concrete Pipe Culvert 36 Lin. ft.
	Concrete Class B (1-2-4) 3.5 cu yds. 3.4
	Reinforcing Steel 60 pounds 54

SUB-BASE OF GRAVEL REQUIRED
 Sta. 718+00 to 722+50 Gravel Shaping Course 360 Lin. ft.
 " 713+00 " 718+00 6" Sub base of Gravel 500 "

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	VT.	720	1923	20	104



B.M. No. 90 Spike in 18" Elm. Right of 713+49 Elev. 214.26
 B.M. No. 91 Spike in 24" Elm. Left of Sta. 722+30, Elev. 210.49

Series F. No. 728
 Sheet 20 of 104

WOOD GUARD RAIL REQUIRED

STATION	LEFT	RIGHT	Length
Sta. 733+76 to 734+00			24 ft
" 736+00 to 737+12			24 "
Sta. 733+76 to 734+00			24 ft
" 736+00 to 737+12			24 "

NEW CULVERTS REQUIRED

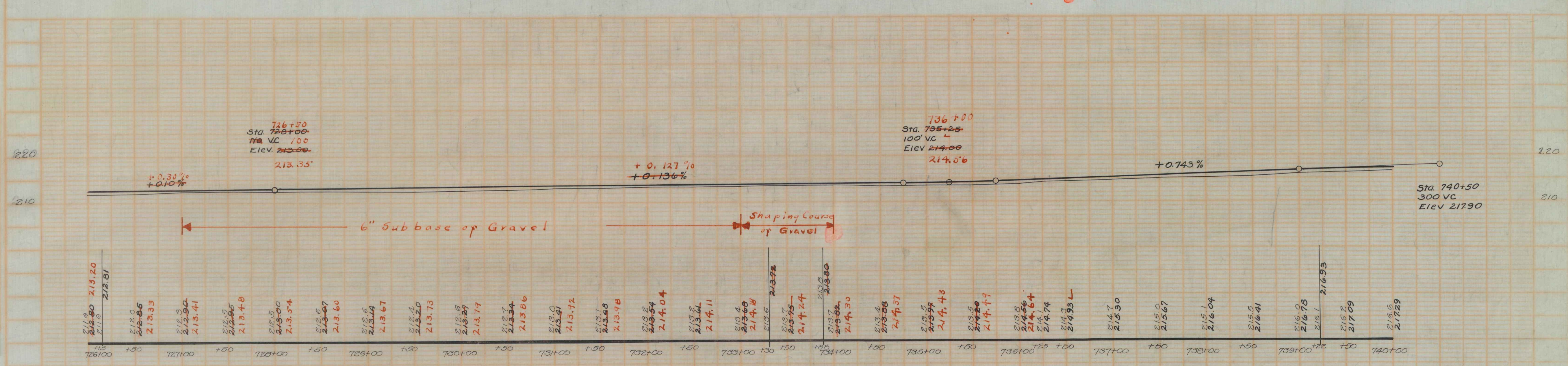
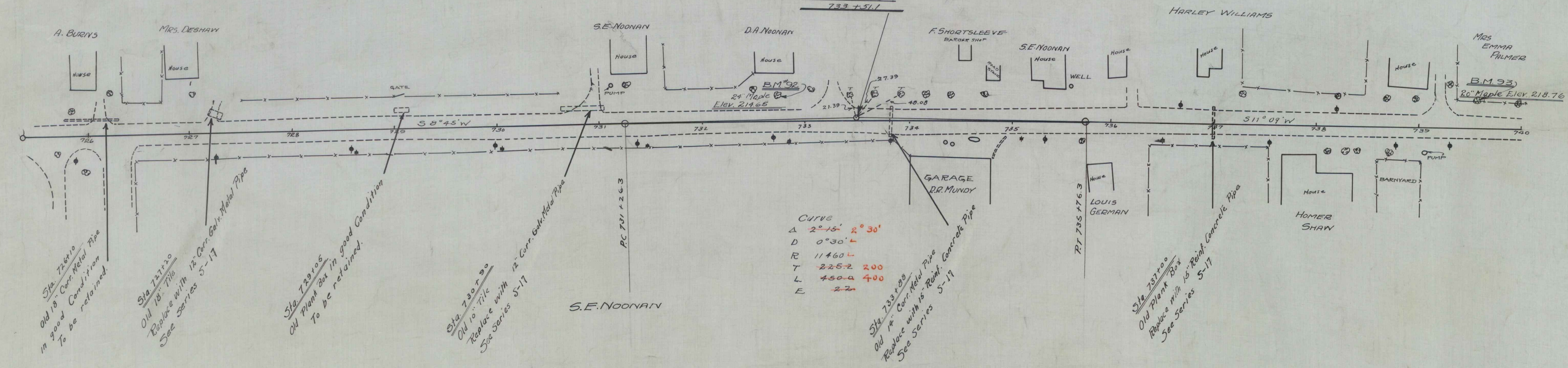
STATION	DESCRIPTION	Length
Sta. 733+76	15" Reinf. Concrete Pipe Culvert	30 ft. + 8
"	Concrete Class B (1-2 1/2'-5)	2.6 cu yds
"	Reinforcing Steel	33 pounds
Sta. 737+00	15" Reinf. Concrete Pipe Culvert	32 ft.
"	Concrete Class B (1-2 1/2'-5)	2.6 cu yds
"	Reinforcing Steel	33 pounds

DEWEY CULVERTS REQUIRED

STATION	DESCRIPTION	Length
Sta. 727+20	Left 12" Cor. Galv. Metal Pipe	20 ft.
"	Concrete Class B (1-2 1/2'-5)	11 cu yds
Sta. 730+20	Left 12" Cor. Galv. Metal Pipe	40 ft.
"	Concrete Class B (1-2 1/2'-5)	1.1 cu yds
Sta. 736+20	Left 12" Cor. Galv. Metal Pipe	20 ft.
"	Concrete Class B (1-2 1/2'-5)	1.4 cu yds

Sta. 736+15 Right - 12" Cor. Galv. Metal Pipe 20 Lin. ft.
 Concrete Class B (1-2 1/2'-5) 1.4 cu yds
 " 726+00 Left - Repair Headwalls
 Concrete Class B (1-2 1/2'-5) 1.4 cu yds

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	728	1948	21	104

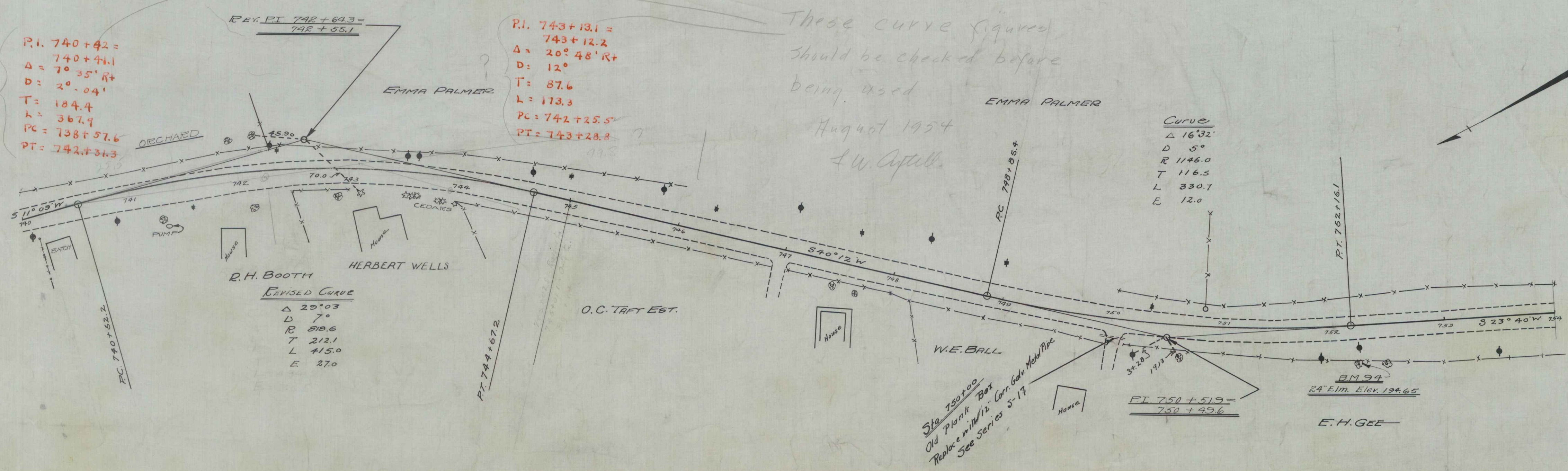


B.M. No. 92. Spike in 24" Maple. Left of Sta. 722+75 Elev. 214.65
 B.M. No. 93. " " 20 " " " 739+55 " 218.76

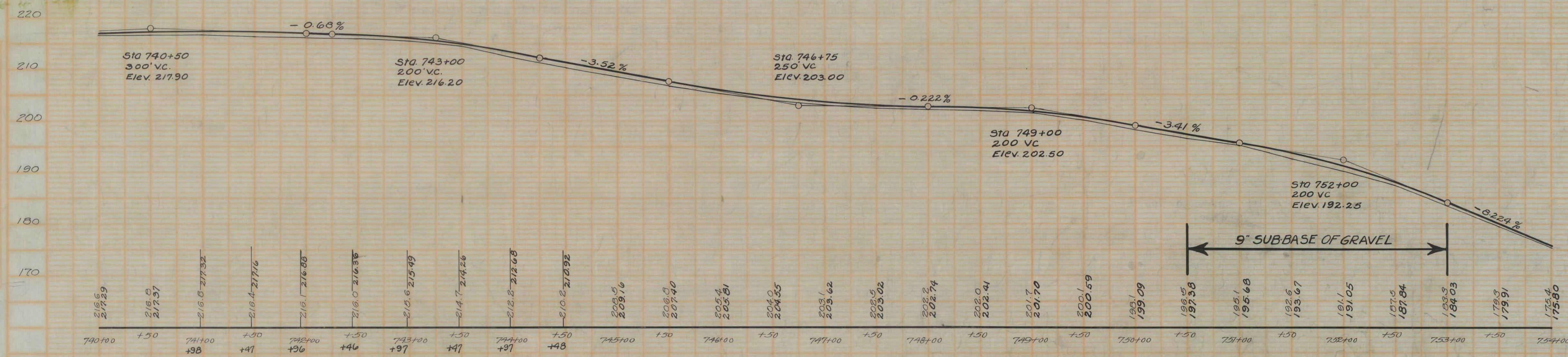
Series F No. 72B.
 Sheet 21 of 104

DRIVEWAY CULVERTS REQUIRED.
 Sta. 750+00 Right 12" Corrugated Metal Pipe 20 ft.
 Concrete Class B (1-2 1/2" x 14" curbs)
 Sta. 744+25 Lefts Relay 20" Line of Pipe
 Concrete class B (1-2 1/2" x 14" curbs)

SUB-BASE OF GRAVEL REQUIRED.
 Sta. 750+50 to 753+00 9" Sub-base of gravel 250 ft.
 " 753+00 to 754+00 9" Sub-base of gravel 100 ft.
 743+50 to 746+00 6" Sub-base of gravel 250 ft



725
 759
 1063
 5224
 57568
 736.33
 793.90



B.M. No. 24 Spike in 27" Elm Right of 752+20 Elev. 194.65

WOOD GUARD RAIL REQUIRED.

Sta.	Left	Length	ft.
754+02 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	
754+56 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	

CABLE GUARD RAIL REQUIRED.

Sta.	Left	Length	ft.
754+02 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	
754+56 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	

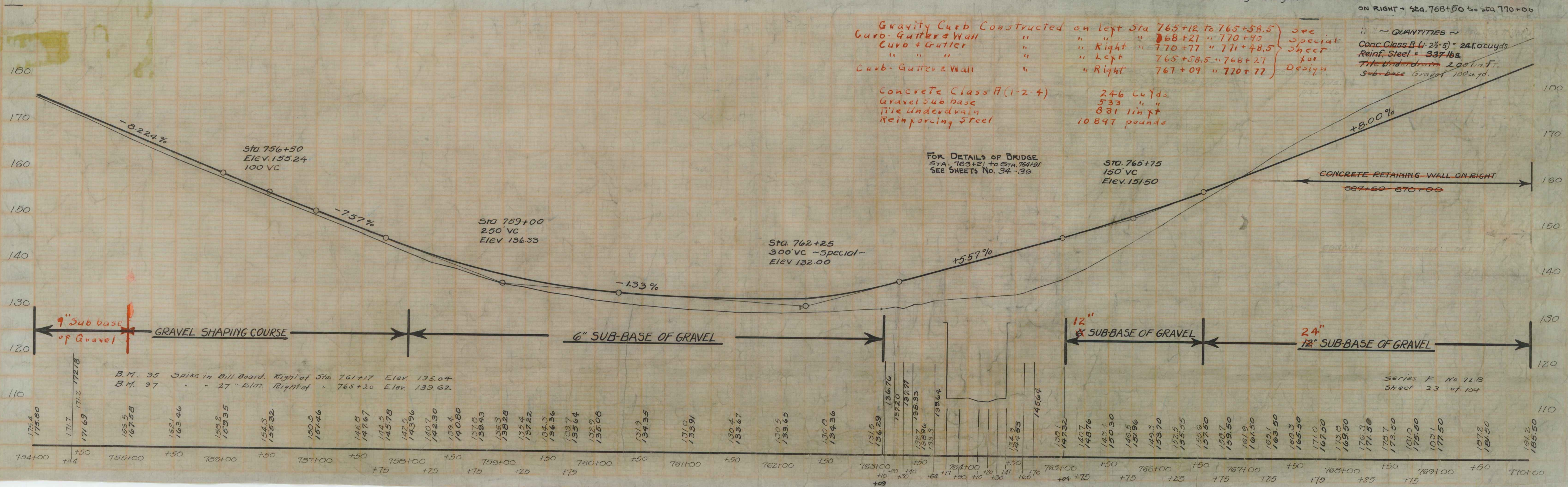
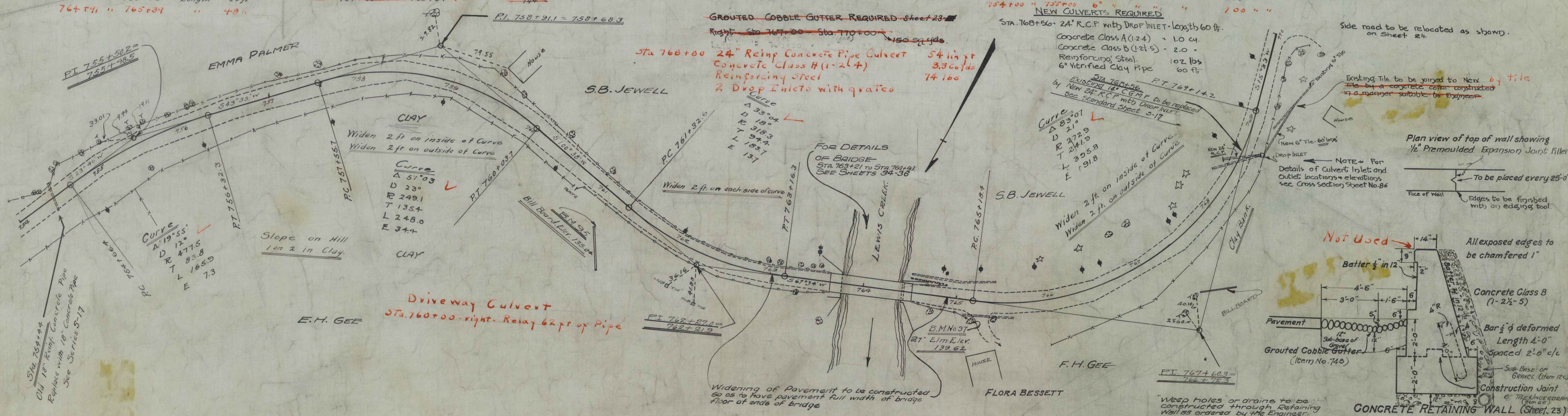
NEW CULVERTS REQUIRED.

Sta.	Left	Length	ft.
754+02 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	
754+56 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	

SUB-BASE OF GRAVEL REQUIRED.

Sta.	Left	Length	ft.
754+02 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	
754+56 to 754+56	Left	24 ft.	
764+41 to 765+34	Left	48 ft.	

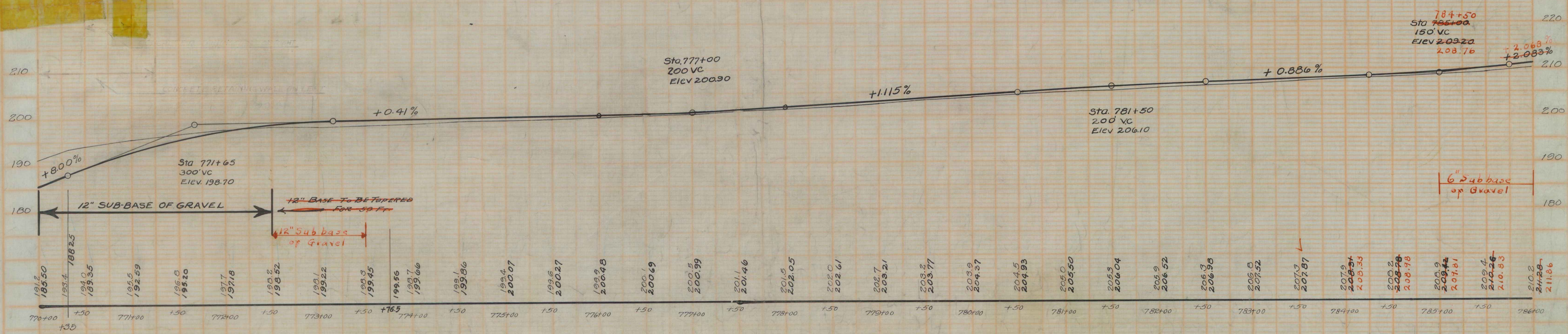
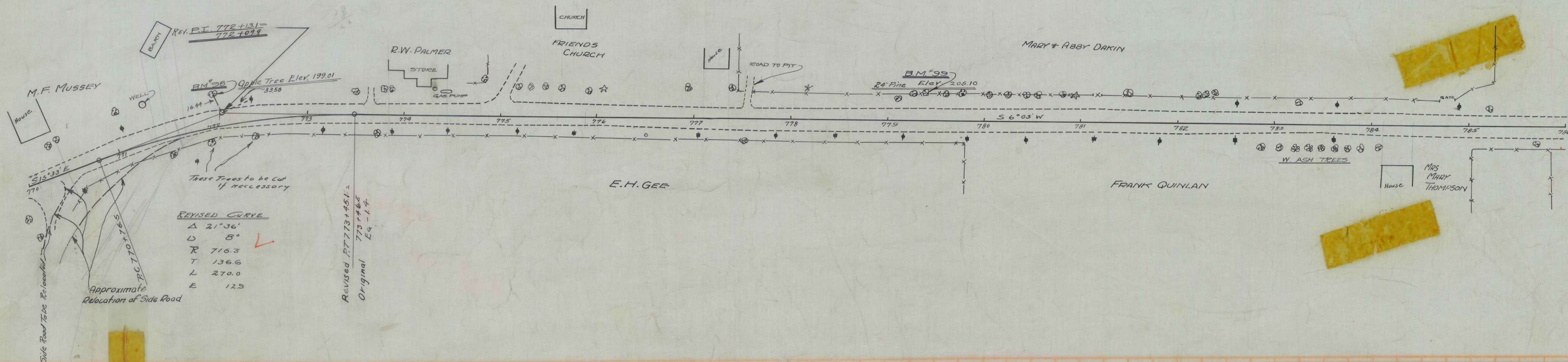
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VI.	728	1928	23	104



SUB-BASE OF GRAVEL REQUIRED. 350
 Sta 770+00 772+50 - 12" Sub-base of Gravel 200 Lb. ft.
 " 773+50
 " 785+00 786+00 6" " " " " 100 " "

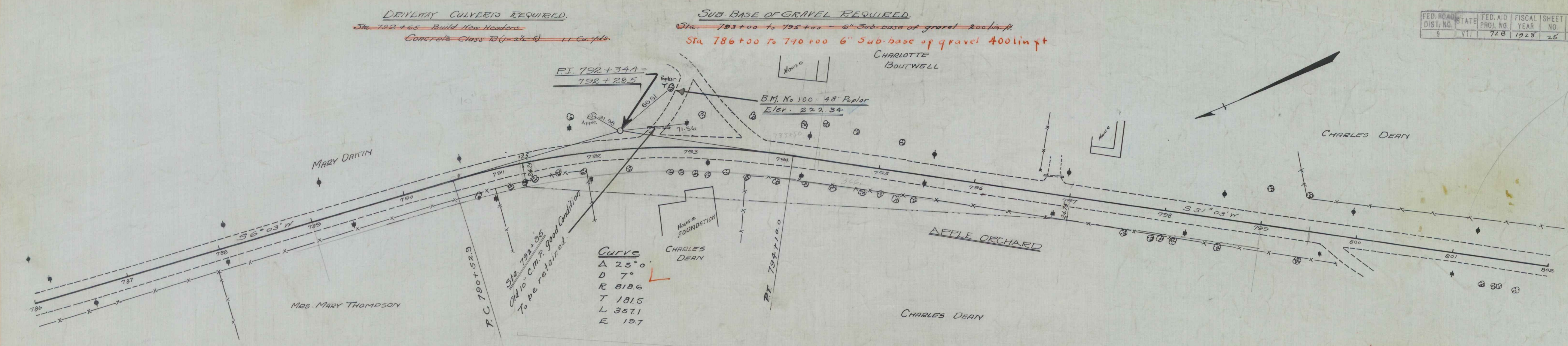
CONCRETE RETAINING WALLS REQUIRED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VI.	720	1920	24	104

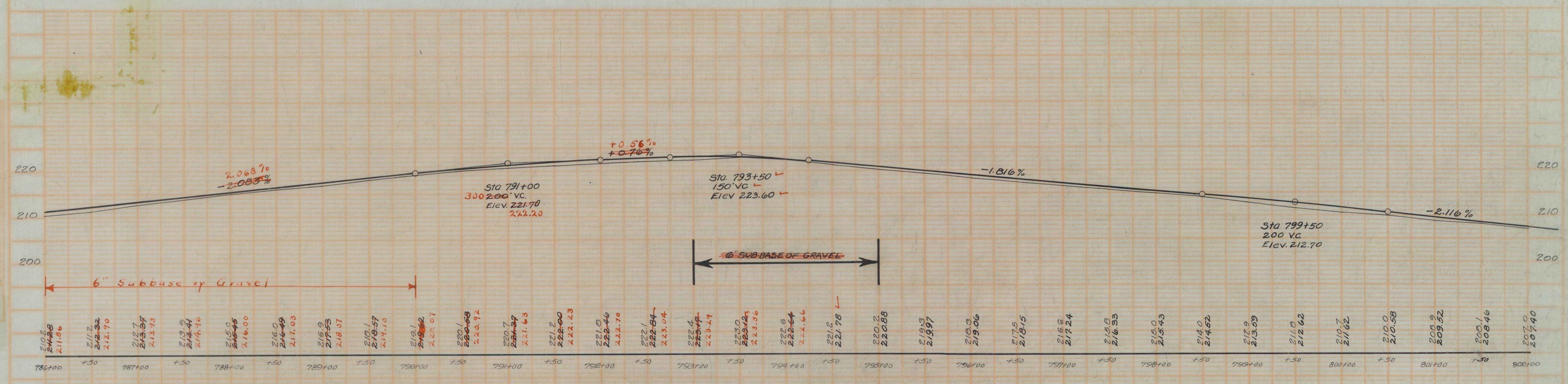


B.M. No 98. Spike in Apple Tree Left of Sta. 772+00 Elev. 198.01
 B.M. No 99 " " 24" Pine Left " " 779+39 Elev. 205.10

Series f No 728
 Sheet 24 of 104



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
A	W.D.O.E.	10-9-40	CH & MARTHA J. DEAN	ST. OF VT.	FERRISBURGH BOOK 31 PAGE 324 DATE 10-14-40	



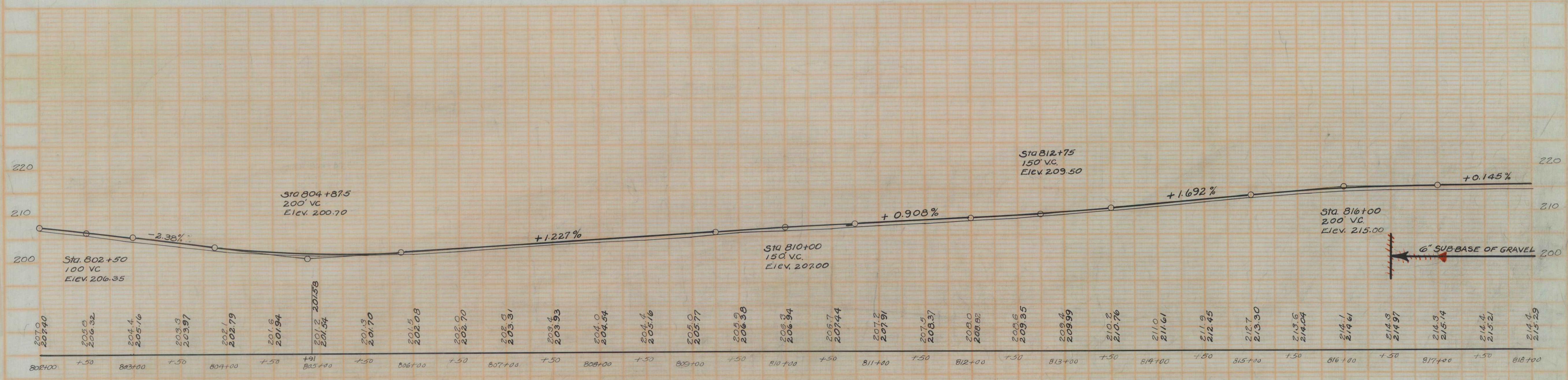
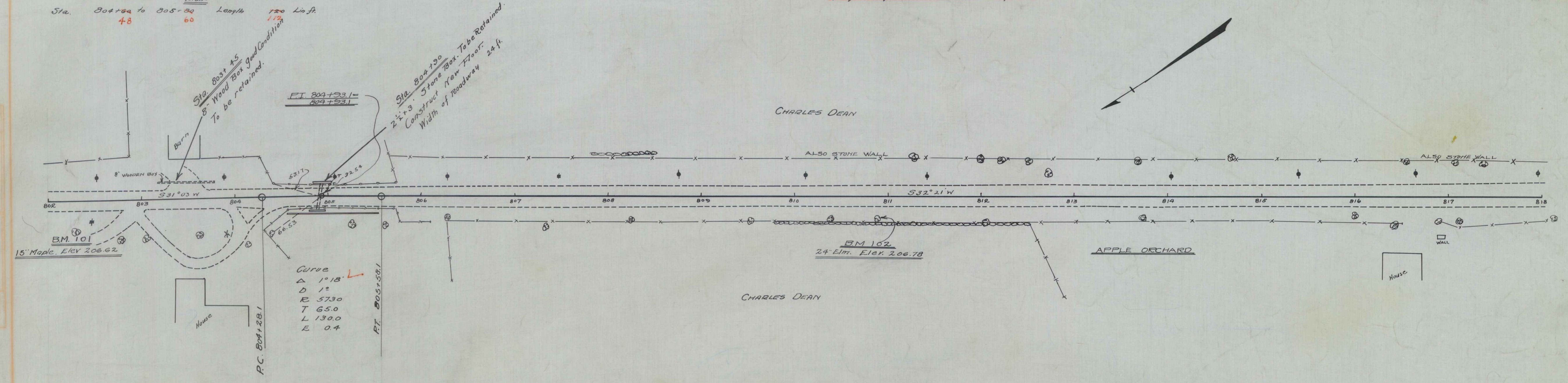
B.M. 100 Spike in 48" Poplar Left of Sta. 792+00 Elev. 222.34

Wood
CABLE GUARD RAIL REQUIRED
 LEFT
 Sta. 804+00 to 805+00 Length 100 Lin. ft.
 Sta. 804+00 to 805+00 Length 100 Lin. ft.

SUB-BASE OF GRAVEL REQUIRED
 Sta. 811+00 to 812+00 Gravel Shaping Course 100 Lin. ft.
 811+00 to 812+00 6" Sub Base of Gravel 100

CULVERT REPAIRS REQUIRED
 Sta. 804+00 Build New Floor
 Concrete Class A (6-2-4) 2 Cts. thick
 Reinforcing Steel 12# parallel

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	1	1928	26	104



B.M. No. 101 Spike in 15" Maple Right of Sta. 802+44, Elev. 206.62
 B.M. No. 102 " " " " 24' Elm " " 810+09 Elev. 206.78

Series F No. 72B
 Sheet 26 of 104

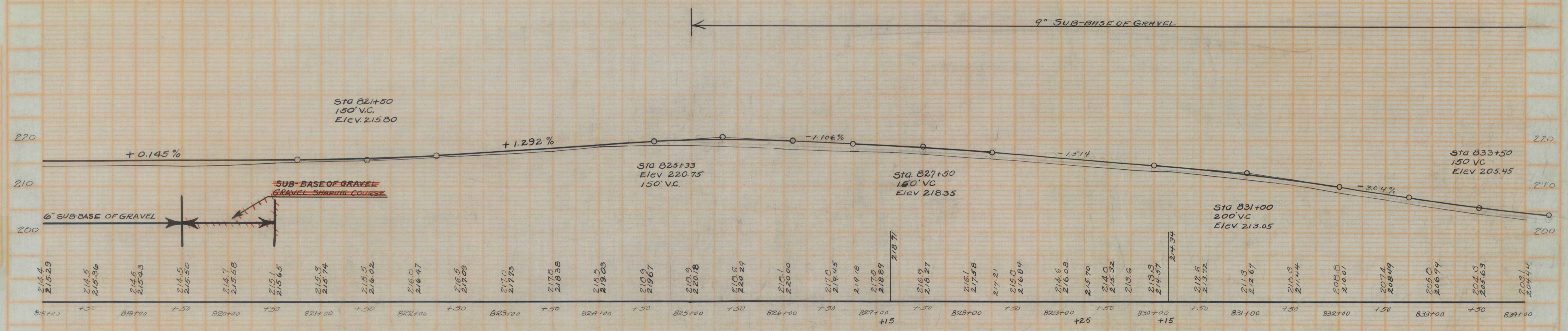
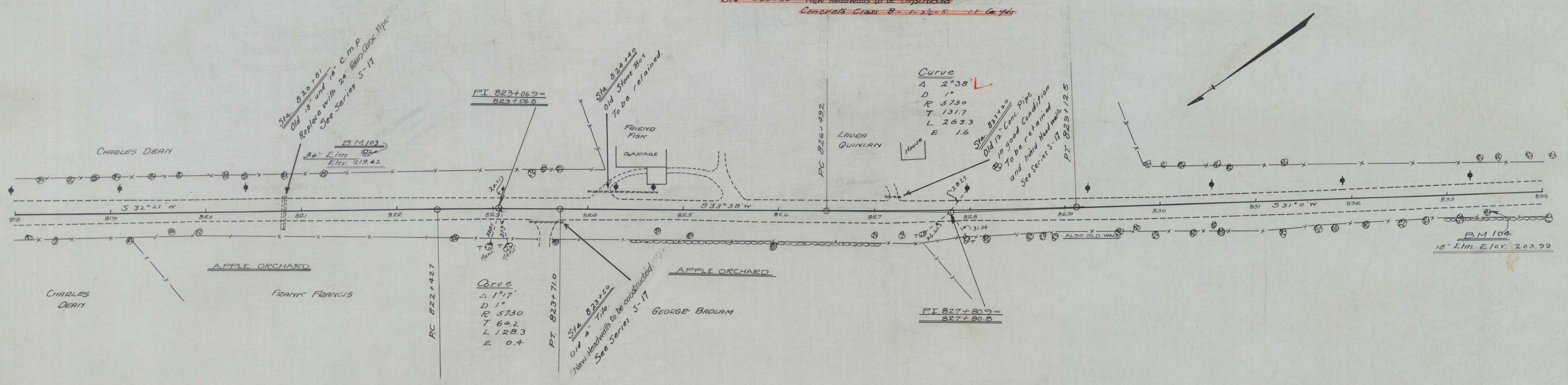
WOOD GUARD RAIL REQUIRED.
LEFT
 Sta. 820+69 to 820+93 Length 24 ft ✓
RIGHT
 Sta. 820+69 to 820+93 Length 24 ft ✓

NEW CULVERTS REQUIRED.
 Sta. 820+81 - 24" Reinf. Concrete Pipe Culvert 32 ft.
 Concrete Class A (1-2-A) 4.726 Cu yds.
 Reinforcing Steel 5+ 60 pounds.

DRIVEWAY CULVERT REPAIRS REQUIRED.
 Sta. 827+20 Build New Headwalls Retain 14 ft Pipe
 Concrete Class B (1-2-B) 1.424 Cu yds.

SUB-BASE OF GRAVEL REQUIRED.
 Sta. 818+00 to 819+50 - 6" Sub-base of gravel 150 Lin ft
 Sta. 829+50 to 830+00 - 6" Sub-base of gravel 100 Lin ft
 Sta. 825+00 to 834+00 - 9" Sub-base of gravel 700 Lin ft

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	Y	728	1948	27	104



B.M. No. 103 Spike in 36" Elm. Left of Sta. 821+89 Elev. 219.42
 B.M. No. 104 " " 18" " Right " " 833+40 Elev. 203.99

Series F No 72B
 Sheet 27 of 104

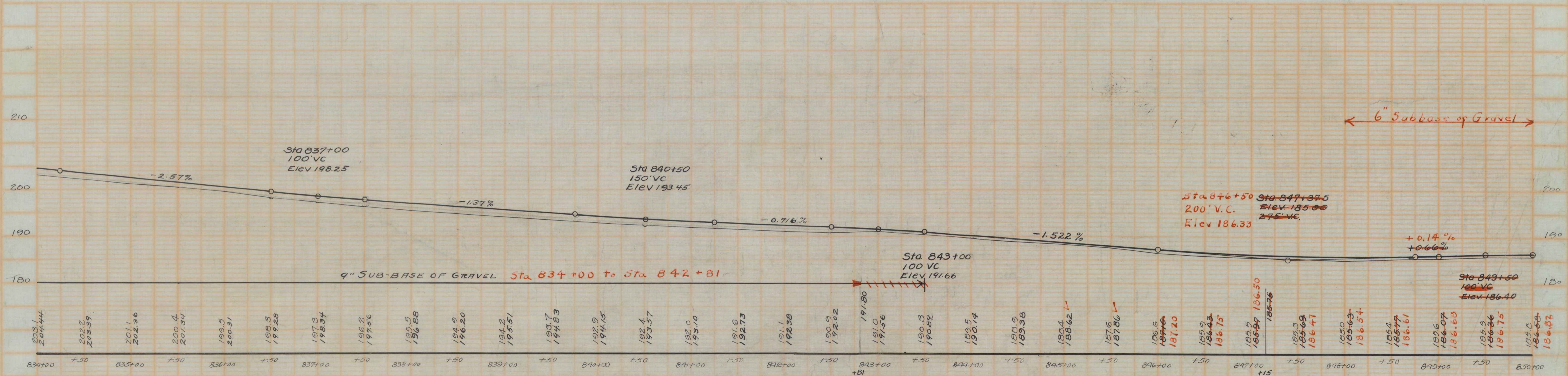
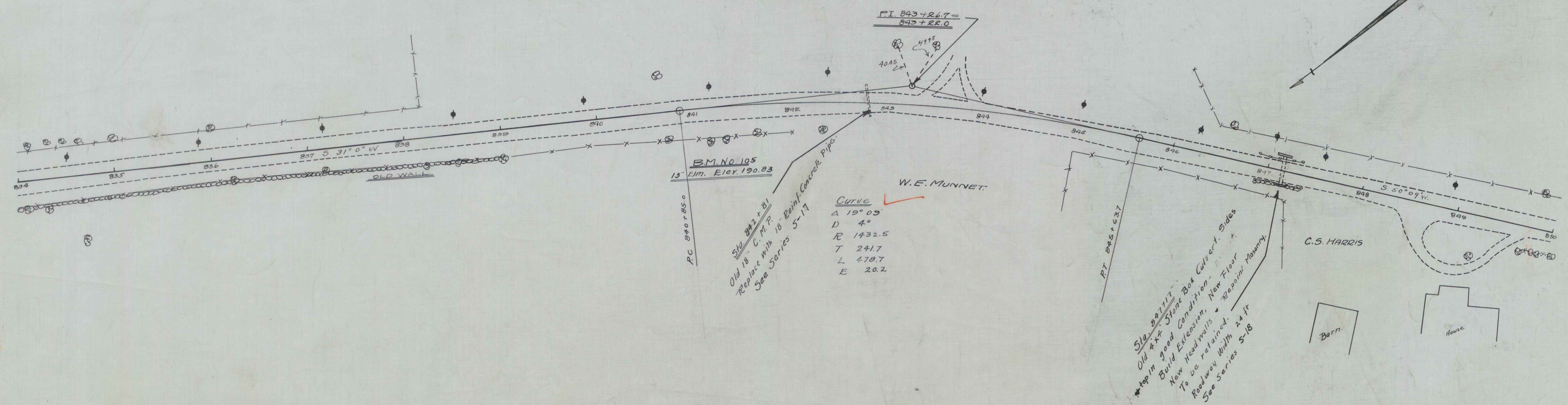
WOOD GUARD RAIL REQUIRED			
LEFT			
Sta. 842+67 to 842+33	Length	24 ft	✓
" 835+38 " 836+12	"	24 "	
" 841+05 " 841+29	"	24 "	
RIGHT			
Sta. 842+67 to 842+33	Length	24 ft	✓
" 835+38 " 836+12	"	24 "	
" 841+05 " 841+29	"	24 "	

CABLE GUARD RAIL REQUIRED			
LEFT			
Sta. 842+00 to 842+34	Length	34 ft	
RIGHT			
Sta. 842+00 to 842+34	Length	34 ft	

NEW CULVERTS REQUIRED.
 Sta. 842+01. 18" Reinf. Concrete Pipe Culvert
 Concrete Class B (1-2-5)
 Reinforcing Steel
 Sta. 834+55 18" Reinf. Concrete Pipe Culvert
 Concrete Class B (1-2-4)
 Reinforcing Steel
 W.E. MUNNET

CULVERT REPAIRS REQUIRED.
 Sta. 847+17 44" Stone Box Culvert
 Repoint- New floor + Ended.
 Concrete Class B (1-2-4)
 Reinforcing Steel
 200 Cu. yds. 7.4
 601 Pounds. 464

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VI.	72.0	1928	28	104



B.M. No. 105 Spike in 15" Elm Right of Sta. 841+16 Elev. 190.03

Series F No 72B.
 Sheet 28 of 104

WOOD GUARD RAIL REQUIRED.

Sta.	From	To	Length	Notes
Sta. 855+17	to	855+41	24 ft.	
855+43	"	855+42	"	24 "
857+24	"	857+23	"	24 "

Sta.	From	To	Length	Notes
855+17	to	855+57	40 ft.	
855+68	"	855+72	"	24 "

CABLE GUARD RAIL REQUIRED.

Sta.	From	To	Length	Notes
Sta. 855+40	to	855+56	16 ft.	

Sta.	From	To	Length	Notes
855+10	to	855+24	14 ft.	
855+24	"	855+30	"	6 ft.
855+30	"	855+33	"	3 ft.

NEW CULVERTS REQUIRED.

Sta.	From	To	Length	Notes
Sta. 855+29	to	855+33	4 ft.	34" Reinforced Concrete Box Culvert 36 ft.

CULVERT REPAIRS REQUIRED.

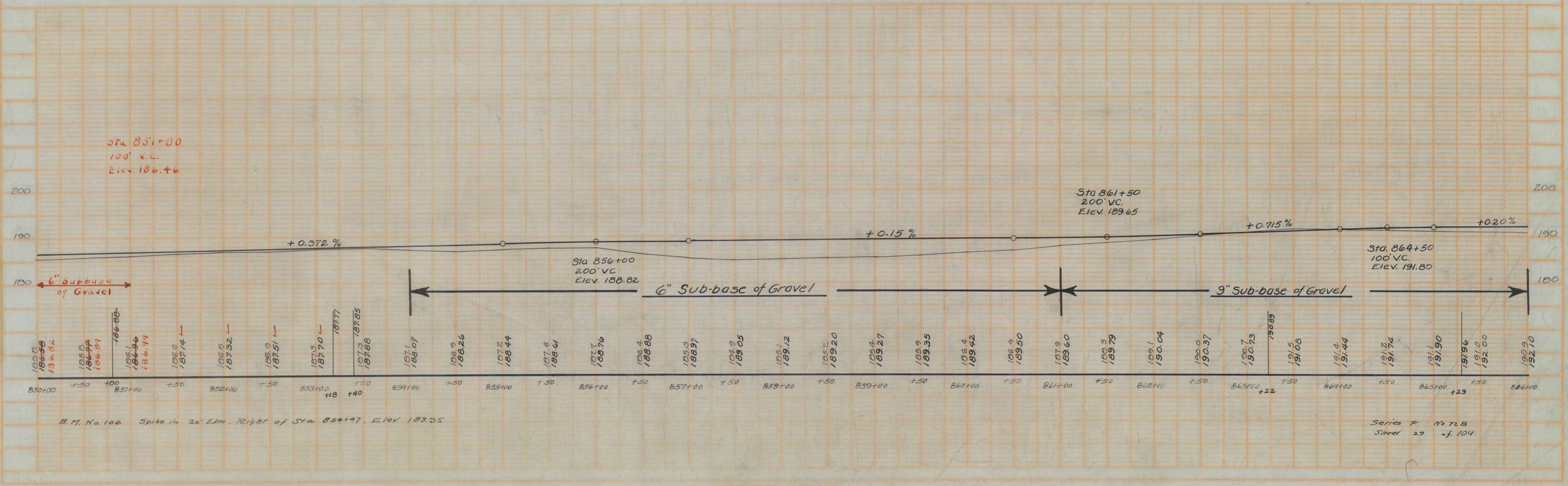
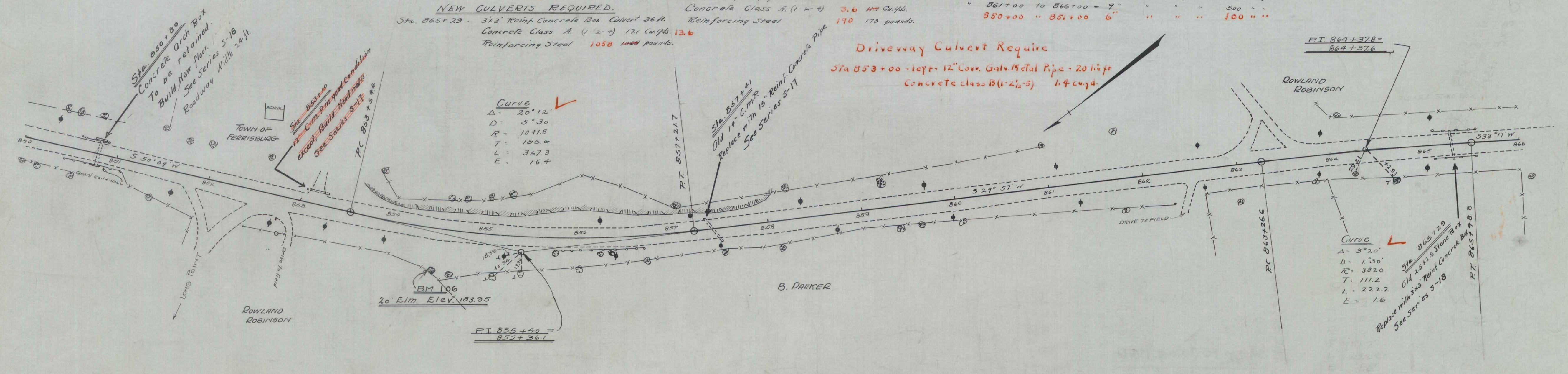
Sta.	From	To	Length	Notes
Sta. 855+80	to	855+80	0 ft.	Concrete Arch Box
855+80	"	855+80	0 ft.	Build New floor, Reinforcing Steel
855+80	"	855+80	0 ft.	Concrete Class A (1-2-3) 3.0 m. Curb.
855+80	"	855+80	0 ft.	Reinforcing Steel 170 173 pounds.

DRIVEWAY CULVERT REPAIRS

Sta.	From	To	Length	Notes
Sta. 855+10	to	855+10	0 ft.	12" C.M.P.
855+10	"	855+10	0 ft.	Build New Head walls.
855+10	"	855+10	0 ft.	Concrete Class B (1-2-3) 1.1 Curb.

SUB-BASE OF GRAVEL REQUIRED.

Sta.	From	To	Length	Notes
Sta. 855+00	to	855+100	100 ft.	6" Sub-base of gravel 700 Lin ft.
855+100	to	855+100	0 ft.	500 "
855+100	"	855+100	0 ft.	100 "



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VI	718	1928	27	104

B.M. No. 106 Spike in 20' Elm. Right of Sta. 854+27. Elev. 183.55

Series F No. 72B Steel 27 of 104

WOOD GUARD RAIL REQUIRED
LEFT
 Sta. 871+43 to 871+73 Length 30 ft.
RIGHT
 Sta. 871+43 to 871+73 Length 30 ft.

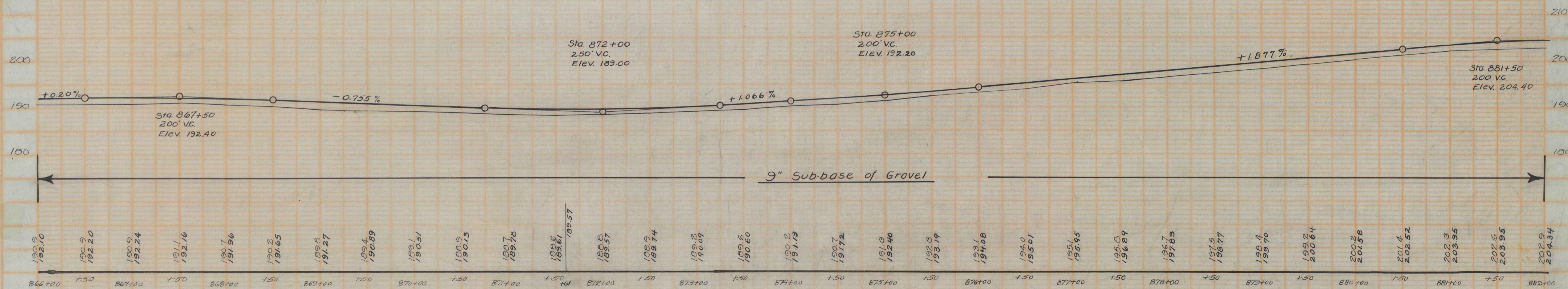
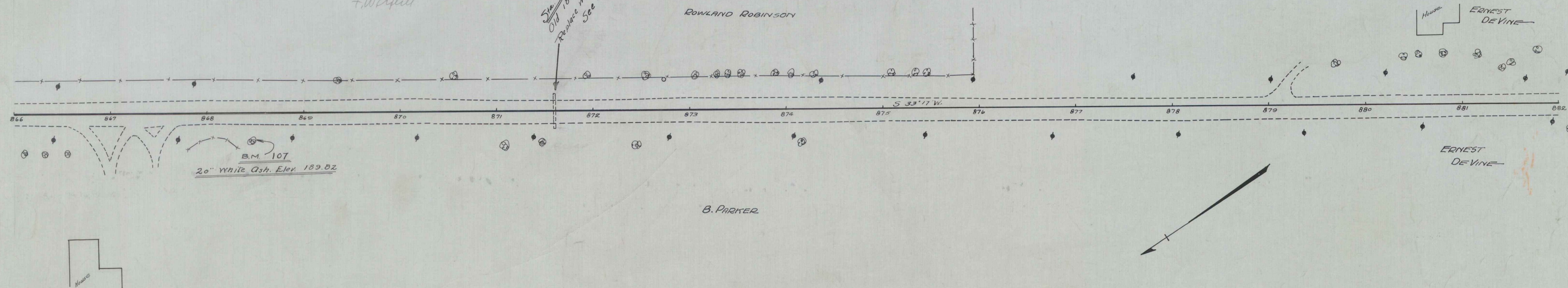
NEW CULVERTS REQUIRED
 Sta. 871+61 - 18" Reinf. Concrete Pipe Culvert 32 ft.
 Concrete Class B (1-25-V)
 Reinforcing Steel 27 Cu. Yds.
 33 pounds.

SUB-BASE OF GRAVEL REQUIRED
 Sta. 866+00 to 882+00 - 9" Sub-base of gravel 1600 Cu. Yd.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VI	222	1954	30	104

Record Plan Addition -
 Stop at Sta 866+00
 August 9, 1954
 F. W. A. Tull

Sta. 871+61
 Old 18" C.P. R.
 Replace with 18" Rein. Concrete Pipe
 See Series S-117



B.M. No. 107 Spike in 20" White Oak Right of Sta. 868+46 Elev. 183.82

Series F No. 12.B
 Sheet 30 of 104

CABLE GUARD RAIL REQUIRED

LEFT
Sta 883+60 to 885+60 - 200 ft
RIGHT
Sta 883+60 to 885+60 Length 200 ft

CULVERT REPAIRS REQUIRED.

Sta 884+74 2x3 Concrete Box Culvert.
Build New floor & Extend.
Class A Concrete 49 cu yds.
Reinforcing Steel 826 pounds.

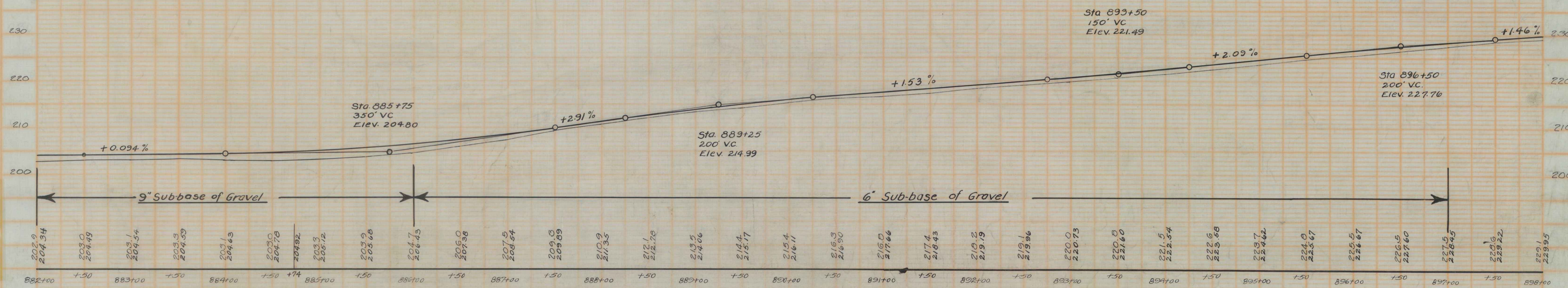
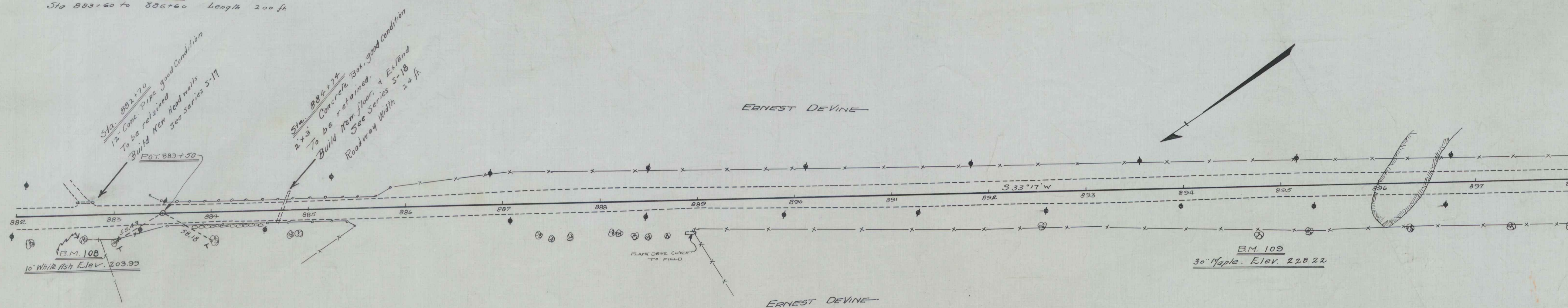
DRIVEWAY CULVERT REPAIRS REQUIRED.

Sta. 882+70 Build New Headers.
Class B Concrete (1-2 1/2-5) 1.1 Cu yds.

SUB-BASE OF GRAVEL REQUIRED.

Sta 882+00 to 886+00 - 5" Sub-base of gravel. 400 Lin. ft.
" 886+00 to 897+00 6 " " " 1100 "

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VT.	12 B	1928	31	104



B.M. No. 103 Spike in 10" White Ash Right of Sta. 882+69 Elev. 203.99
B.M. No. 109 Spike in 30" Maple Right of Sta. 894+76 Elev. 228.22

Series F No 12 B
Sheet 31 of 104

WOOD GUARD RAIL REQUIRED

LEFT
Sta. 910+60 to 910+84 Length 24 ft.

RIGHT
Sta. 910+60 to 910+84 Length 24 ft.

NEW CULVERTS REQUIRED

Sta. 910+72 24" Rein. Concrete Pipe Culvert 32 ft.
Concrete Class B (1-2-4)
26 Cu. Yds.
Reinforcing Steel 60 Rounds.

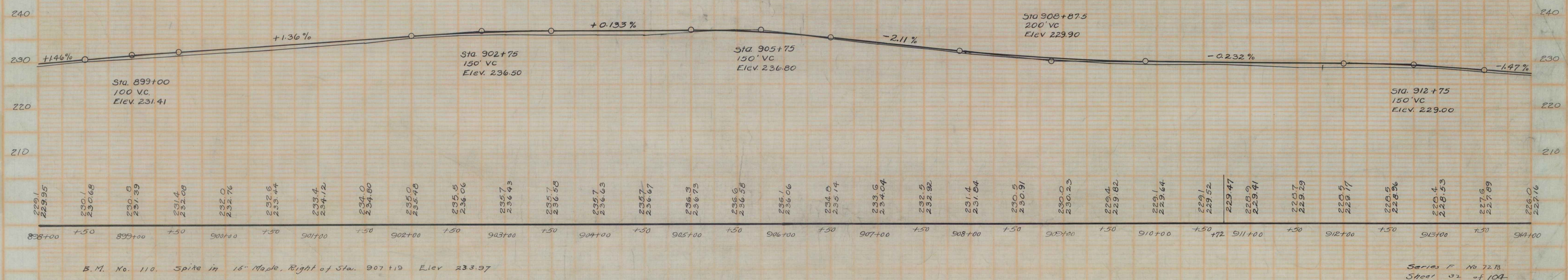
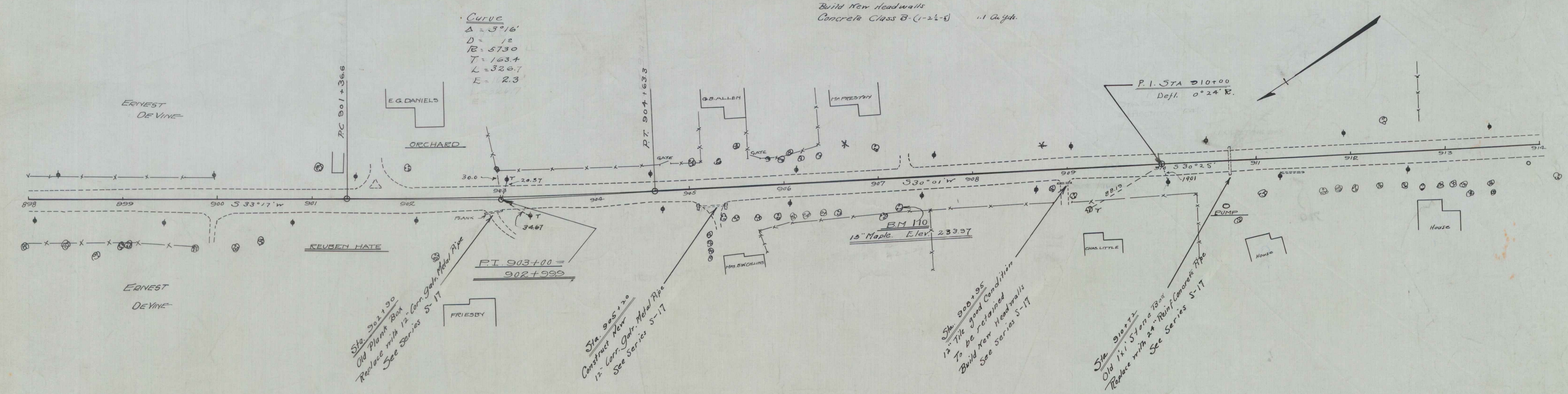
DEFERRED CULVERTS REQUIRED

Sta. 902+90 Right 12" Cor. Galv. Metal Pipe 20 ft.
Concrete Class B (1-2-4)
1.1 Cu. Yds.

Sta. 905+20 Right 12" Cor. Galv. Metal Pipe 30 ft.
Concrete Class B (1-2-4)
1.1 Cu. Yds.

Sta. 908+95 Right 12" Tile To be retained
Build New Headwalls
Concrete Class B (1-2-4)
1.1 Cu. Yds.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	72.6	1928	32	104



WOOD GUARD RAIL REQUIRED.

Left
Sta. 926+95 to 927+15 Length 24 ft

Right
Sta. 926+55 to 927+15 Length 24 ft

NEW CULVERTS REQUIRED

Sta 927+07 18" Reinf. Concrete Pipe Culvert 40 ft
Concrete Class B (1-2 1/2-8) 1.9 cu yds.
Reinforcing Steel 33 pounds.

NEW DRIVEWAY CULVERTS REQUIRED

Sta 920+12 Left: New 12" Ditt. Oak Metal Pipe Length: 20 ft
Concrete Class B (1-2 1/2-8) 1.1 cu yds.

DRIVEWAY CULVERTS TO BE RETAINED

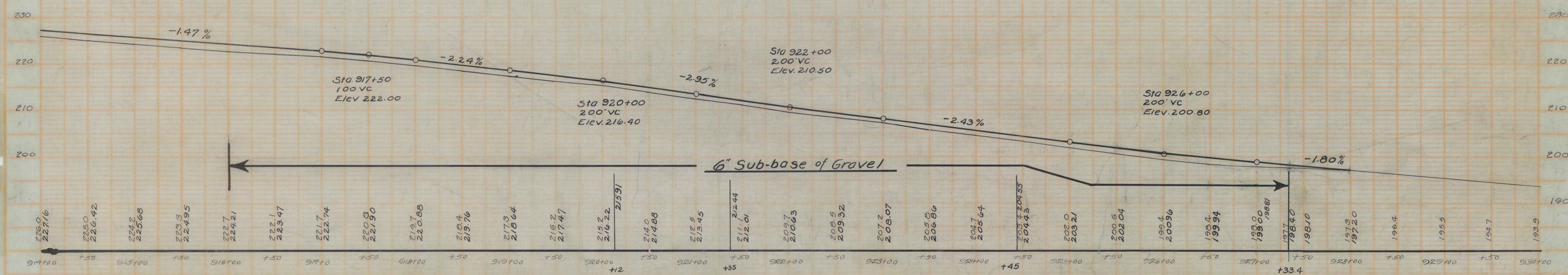
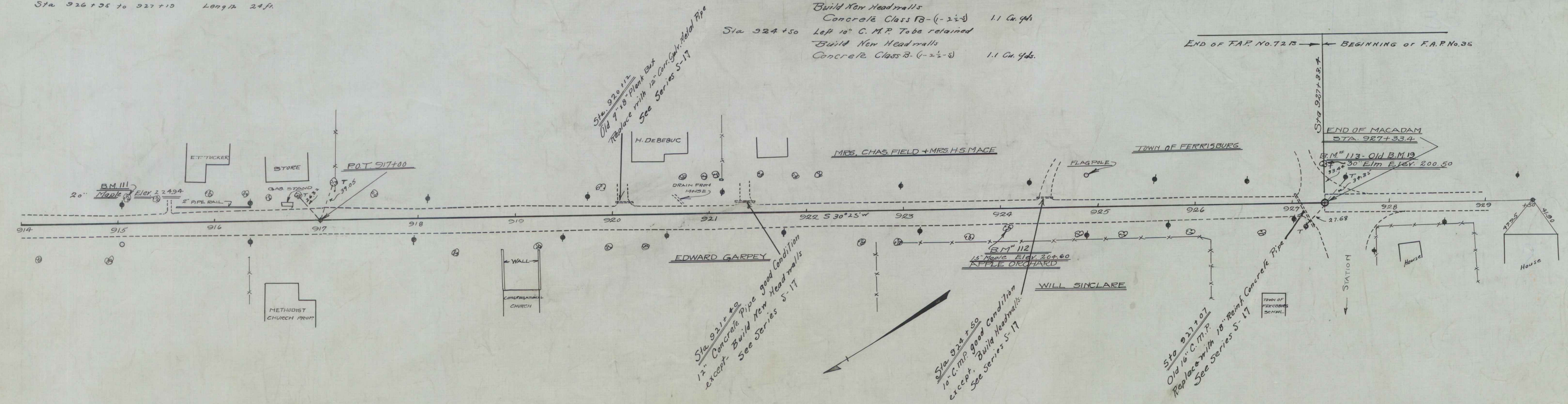
Sta 921+70 Left 12" Concrete Pipe
To be retained
Build New Headwalls
Concrete Class B (1-2 1/2-8) 1.1 cu yds.

Sta 924+50 Left 18" C.M.P. Tube to be retained
Build New Headwalls
Concrete Class B (1-2 1/2-8) 1.1 cu yds.

SUB-BASE OF GRAVEL REQUIRED

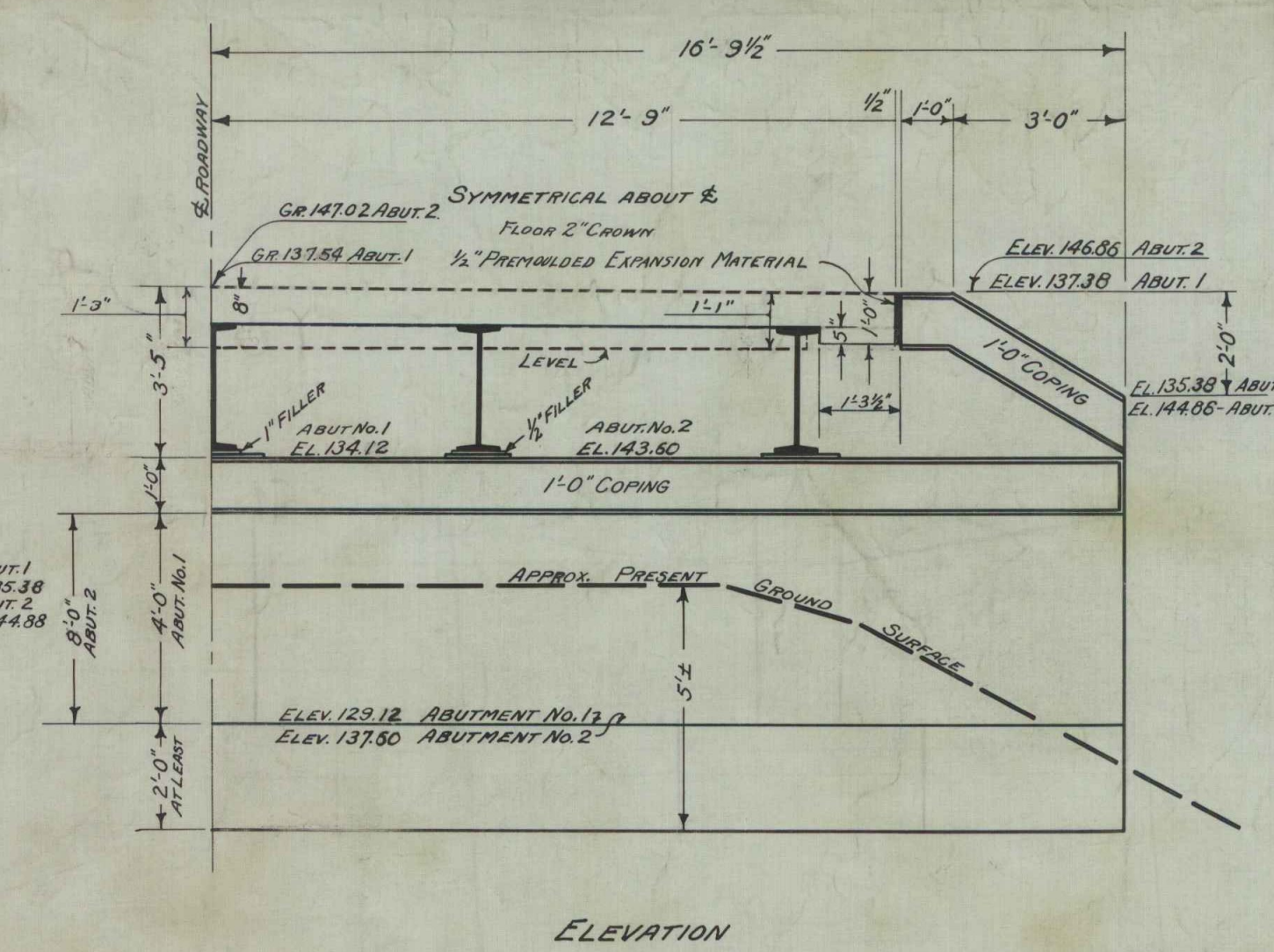
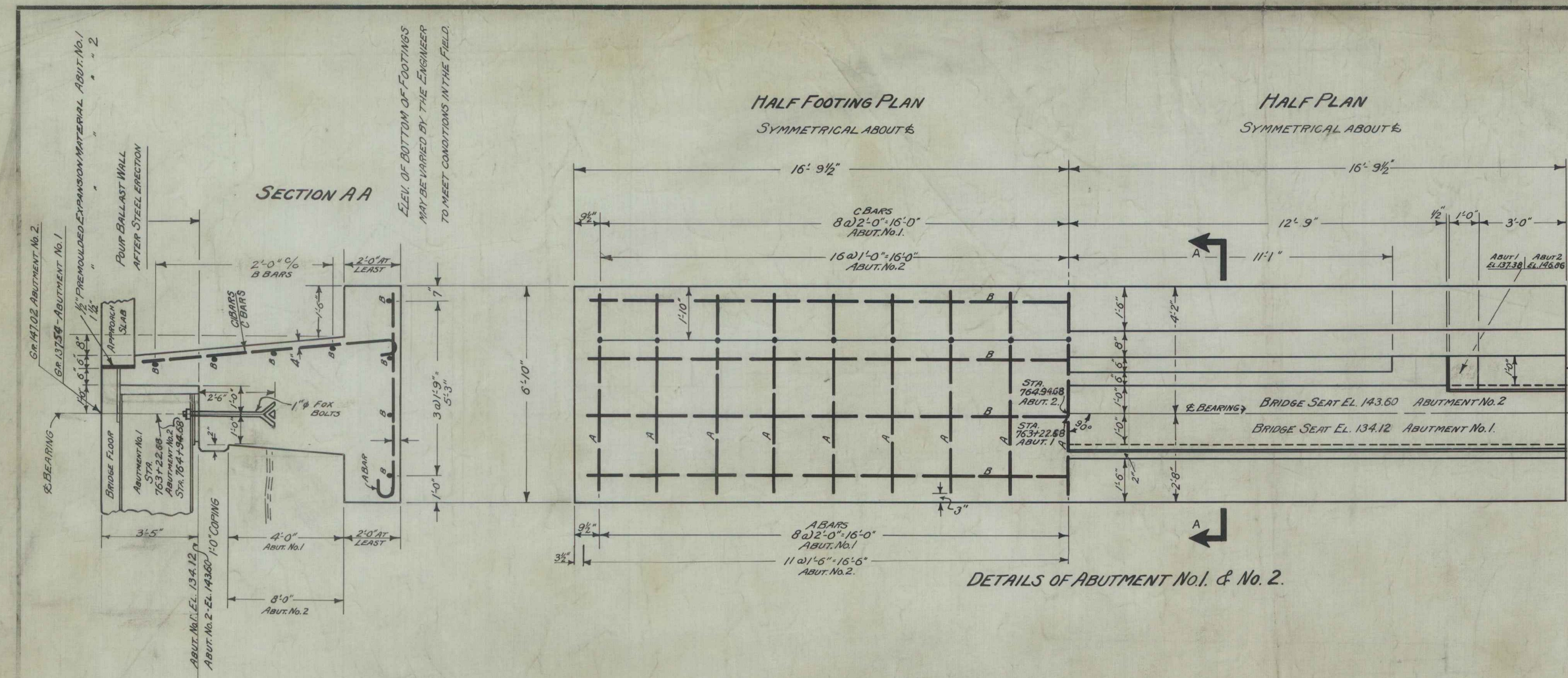
Sta. 926+00 to 927+00 6" Sub-base of gravel 1100 ft.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	I.V.T.	718	1928	33	104



B.M. No. 111 Spike in 20" Maple Left of Sta. 915+11 Elev 224.34
B.M. No. 112 " 18" Elm Right " 924+06 " 204.60
B.M. No. 113 Old B.M. No. 15 Spike in 30" Elm Left of Sta. 927+33 Elev 200.50

Series F No. 72.8
Sheet 33 of 104



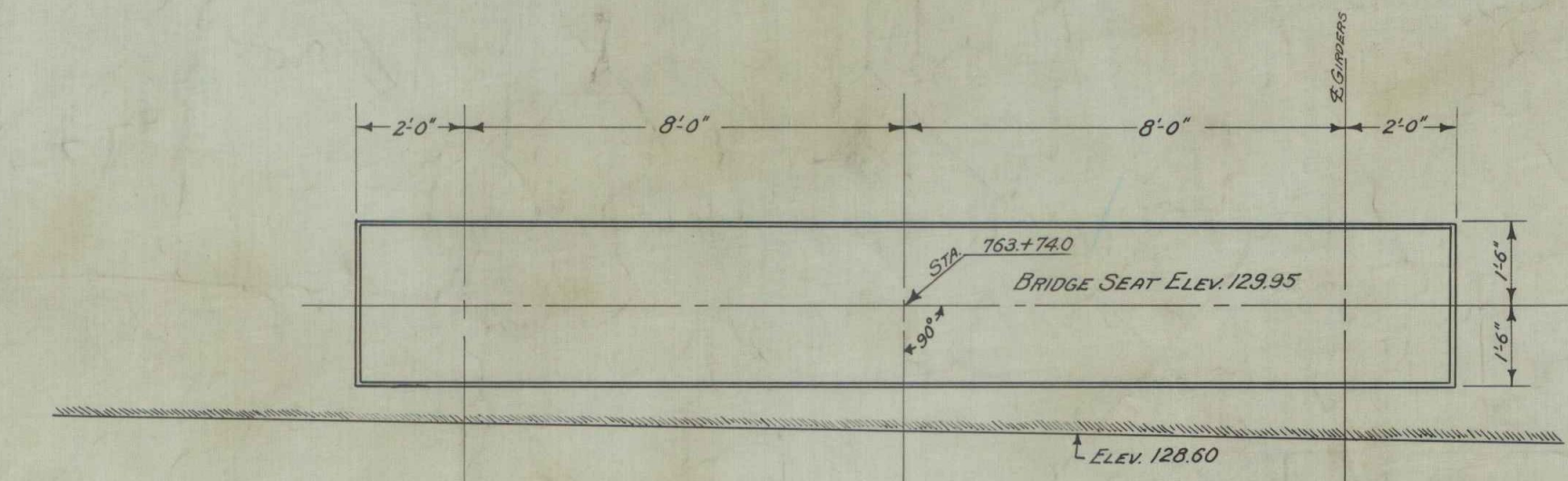
FED. ROAD DIST. NO. 72B		STATE OF VT.		FISCAL YEAR 1928		SHEET NO. 34		TOTAL SHEETS 104	
ALL STEEL TO BE DEFORMED BARS. REINFORCING STEEL TO CONFORM TO STANDARD SPECIFICATIONS FOR BILLET STEEL CONCRETE REINFORCING BARS OF THE AMERICAN SOCIETY FOR TESTING MATERIALS, SERIAL DESIGNATION A-15-14. STRUCTURAL OR INTERMEDIATE GRADE.									
ABUTMENTS NO. 1 AND NO. 2.									
A BARS		3/8" ROUND		TOTAL LENGTH 7'-3"					
B BARS		1/2" ROUND		TOTAL LENGTH 17'-5"					
C & C1 BARS		3/4" ROUND		C - ABUT. 1 TOTAL LENGTH 3'-3"					
D BARS		3/4" ROUND		TOTAL LENGTH 2'-9"					
E BARS		3/4" ROUND		TOTAL LENGTH 6'-0"					

ALL CONCRETE CLASS B (1-2 1/2-5)

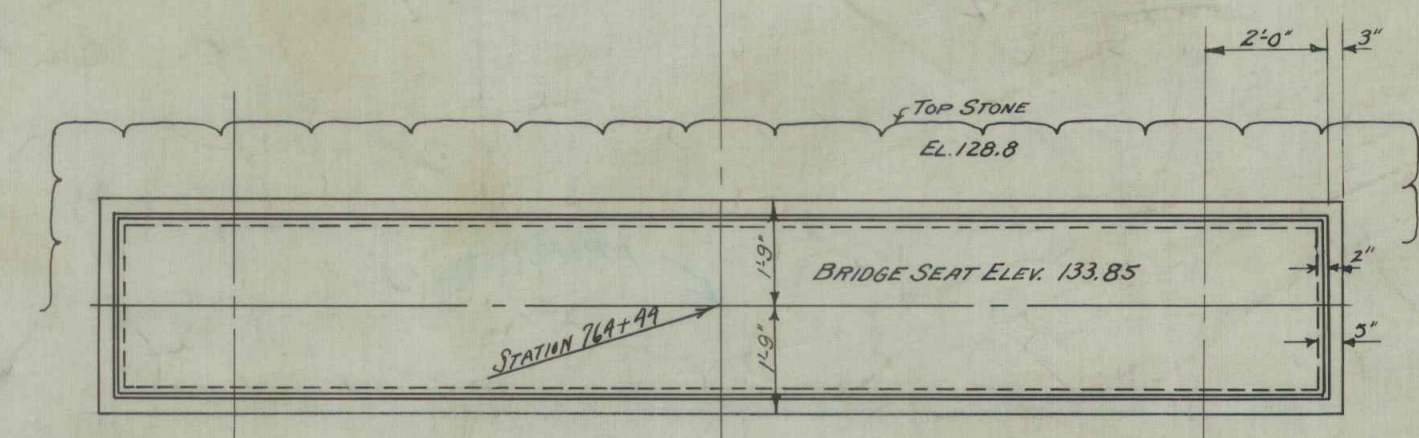
ALL EXPOSED EDGES TO BE CHAMFERED. FACE OF CHAMFER 1"

ANY SUITABLE STRUCTURE EXCAVATION USED BY THE CONTRACTOR FOR ANY PURPOSE OTHER THAN FOR BACKFILL OR APPROACH FILL SHALL BE REPLACED BY AN EQUIVALENT QUANTITY OF BORROW BY THE CONTRACTOR AT HIS OWN EXPENSE UNLESS SAME IS ORDERED WASTED BY THE ENGINEER.

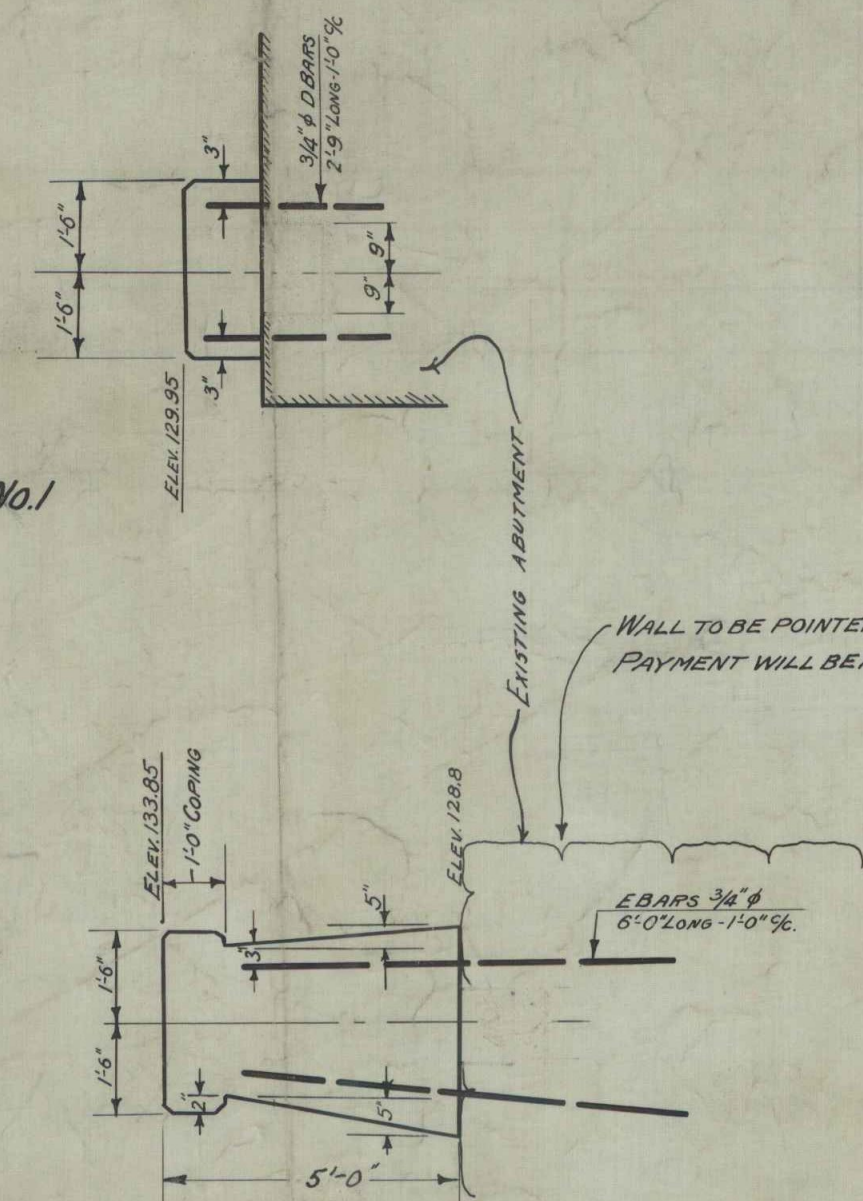
DRILLING HOLES FOR DOWELS IN EXISTING ABUTMENTS TO BE INCLUDED IN UNIT PRICE BID FOR CLASS B CONCRETE.



DETAILS OF PIER NO. 1



DETAILS OF PIER NO. 2

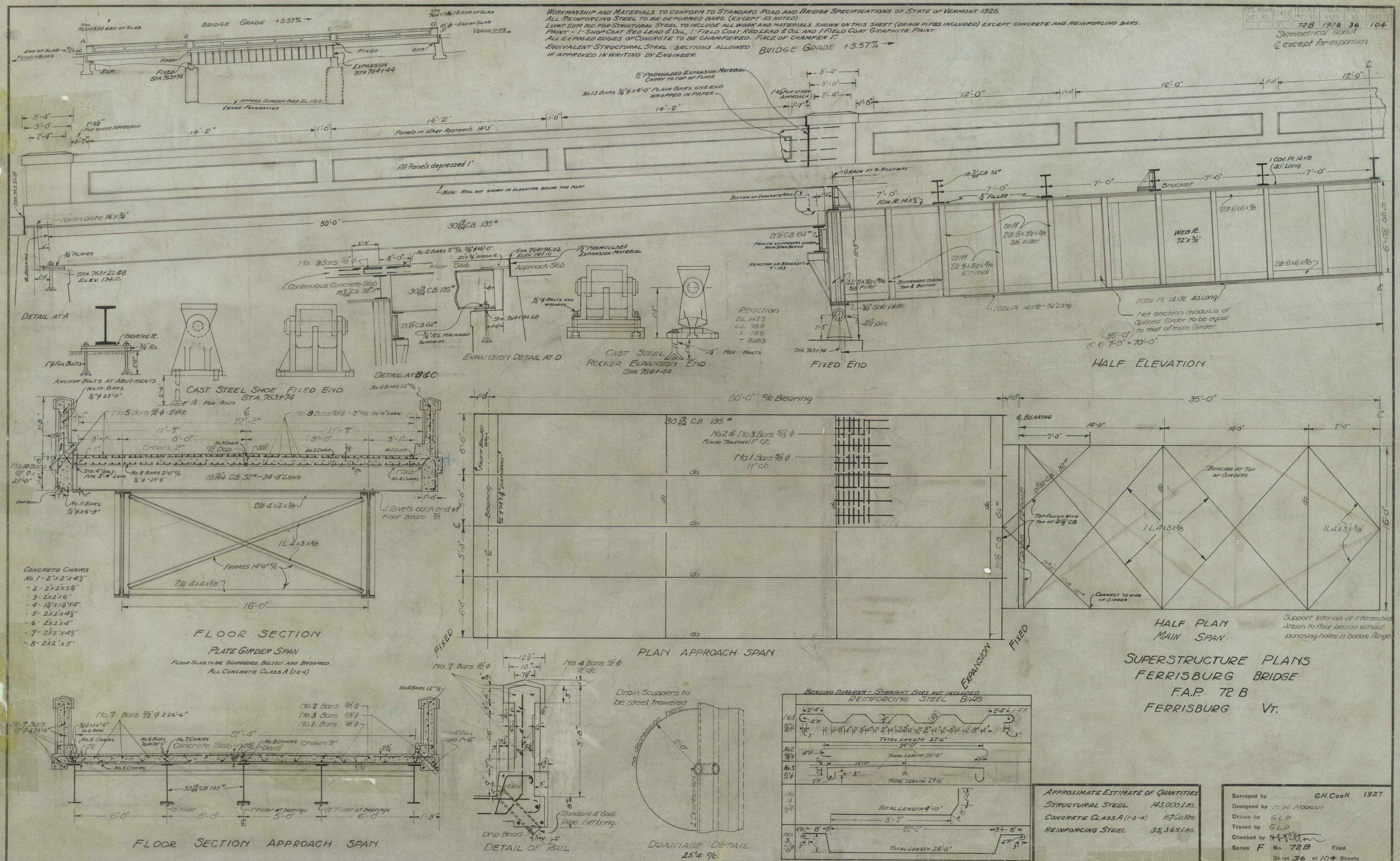


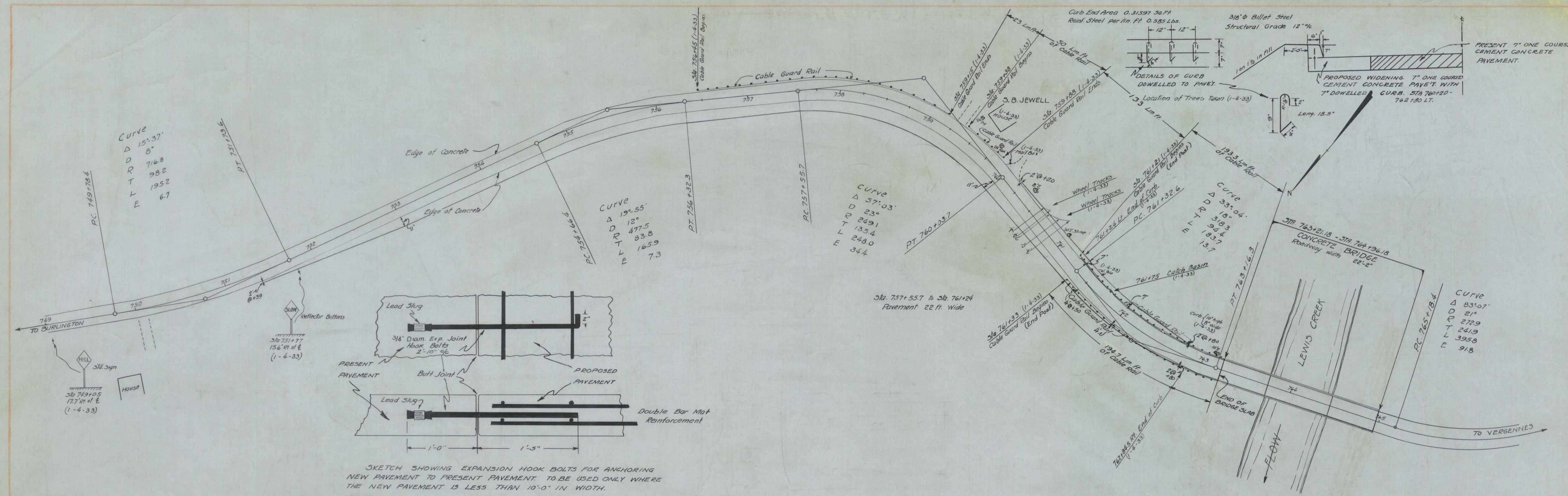
WALL TO BE POINTED OR REPOINTED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE UNDER THE ITEM OF REPOINTING MASONRY.

SUBSTRUCTURE DETAILS BRIDGE AT STA. 764+10 F.A.P. 72B FERRISBURG. VT.

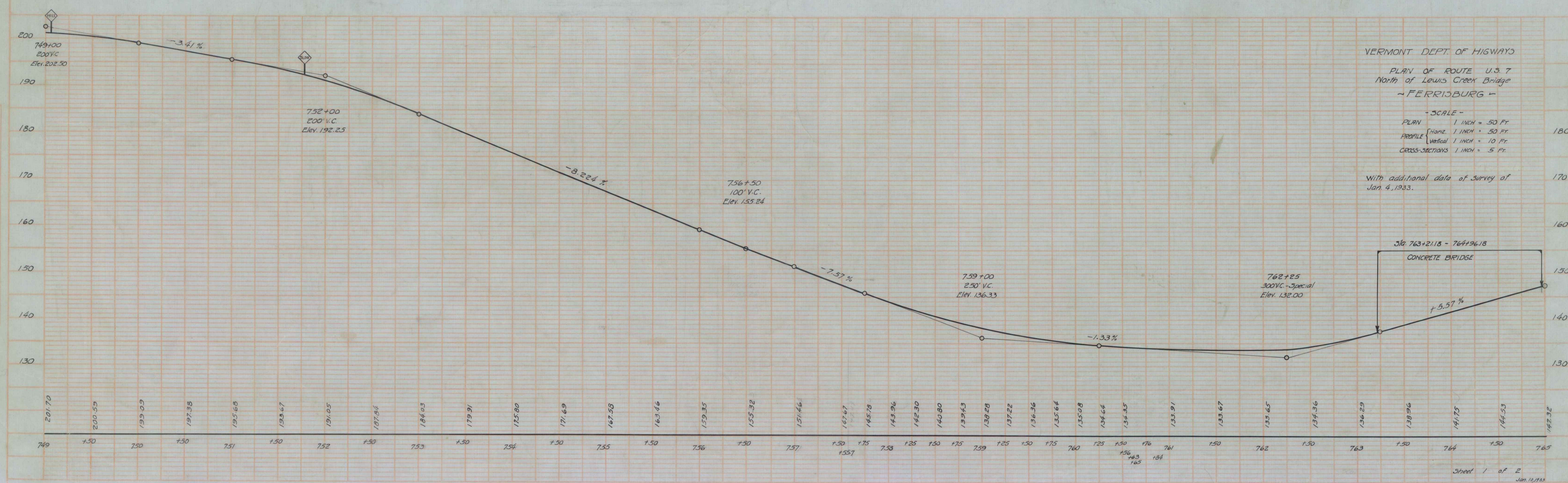
Correct
A. D. Bishop
Bridge Engineer

APPROXIMATE ESTIMATE OF QUANTITIES		Surveyed by G. H. Cook 1927	
STRUCTURE EXCAVATION	110 CU. YDS.	Designed by A. P. Badgley	
CONCRETE CLASS B (1-2 1/2-5)	110 CU. YDS.	Drawn by A. P. Badgley	
REINFORCING STEEL	2275 LBS.	Traced by J. C. Brown Jr.	
REPOINTING MASONRY	60 Sq. Yds.	Checked by H. T. W.	
		Series F No. 72B	
		Sheet 34 of 104	





SKETCH SHOWING EXPANSION HOOK BOLTS FOR ANCHORING NEW PAVEMENT TO PRESENT PAVEMENT TO BE USED ONLY WHERE THE NEW PAVEMENT IS LESS THAN 10'-0" IN WIDTH.

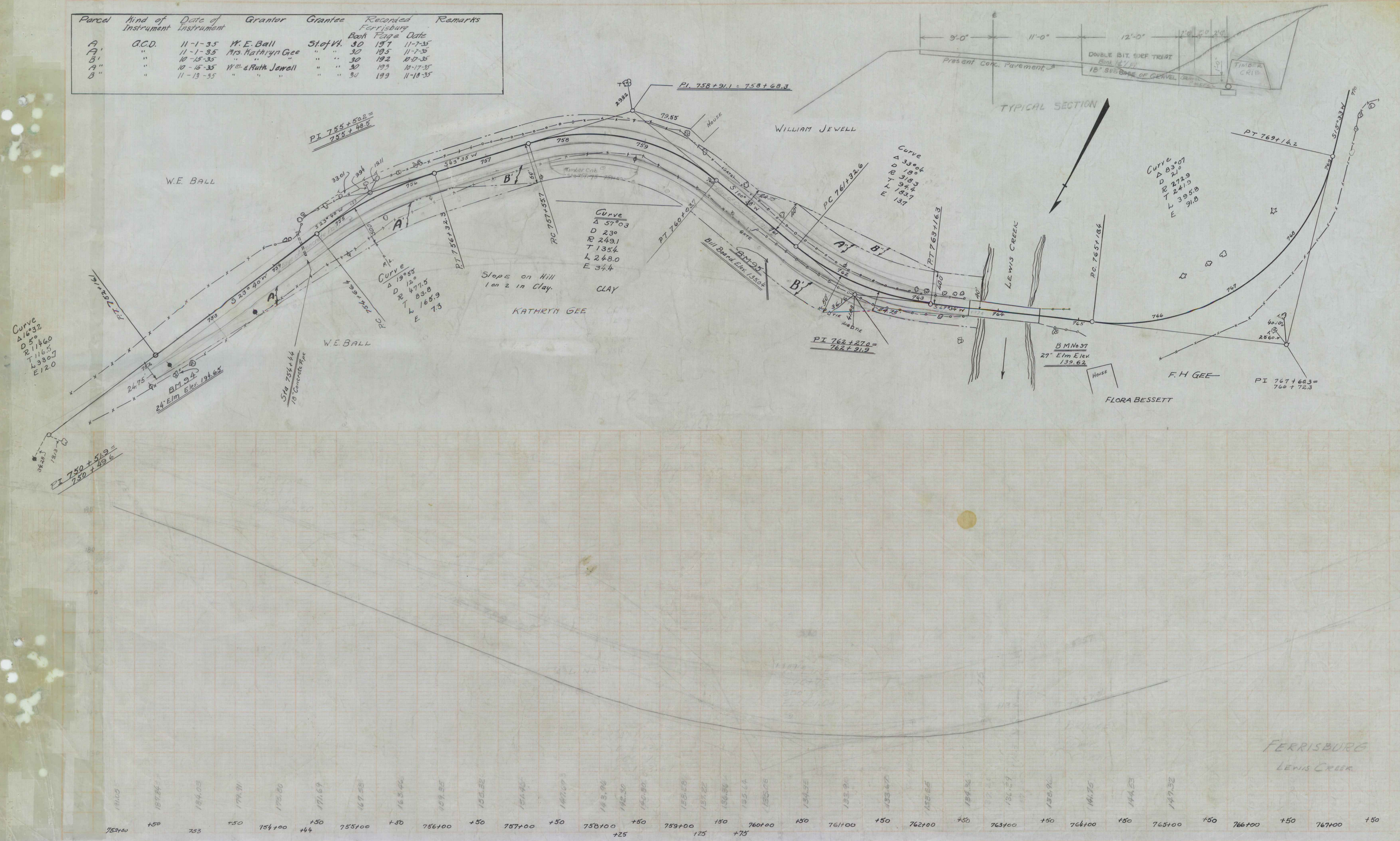


VERMONT DEPT. OF HIGHWAYS
PLAN OF ROUTE U.S. 7
North of Lewis Creek Bridge
- FERRISBURG -

- SCALE -
PLAN 1" = 50 FT.
PROFILE 1" = 10 FT.
CROSS-SECTIONS 1" = 5 FT.

With additional data of survey of Jan. 4, 1933.

Parcel	Kind of Instrument	Date of Instrument	Grantor	Grantee	Recorded Ferrisburg	Remarks
A	G.C.D.	11-1-35	W.E. Ball	St. of H.	30	197
A'	"	11-1-35	Mrs. Kathryn Gee	"	30	195
B	"	10-15-35	"	"	30	192
A"	"	10-15-35	W. & Ruth Jewell	"	30	193
B'	"	11-13-35	"	"	30	199



(M)

1929-35

CHARLOTTE-FER

(US-7)

DONE

DATE
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y of