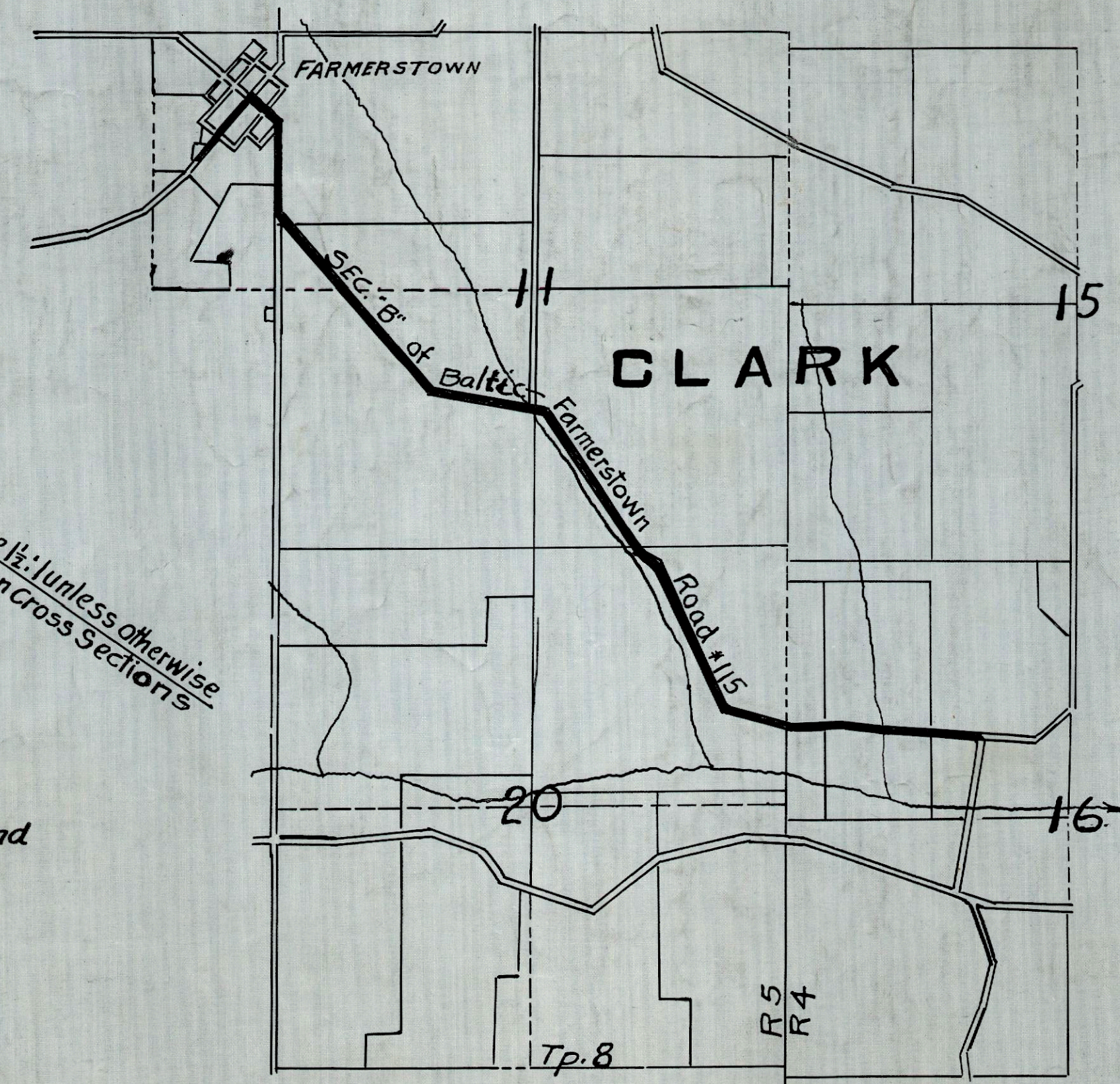
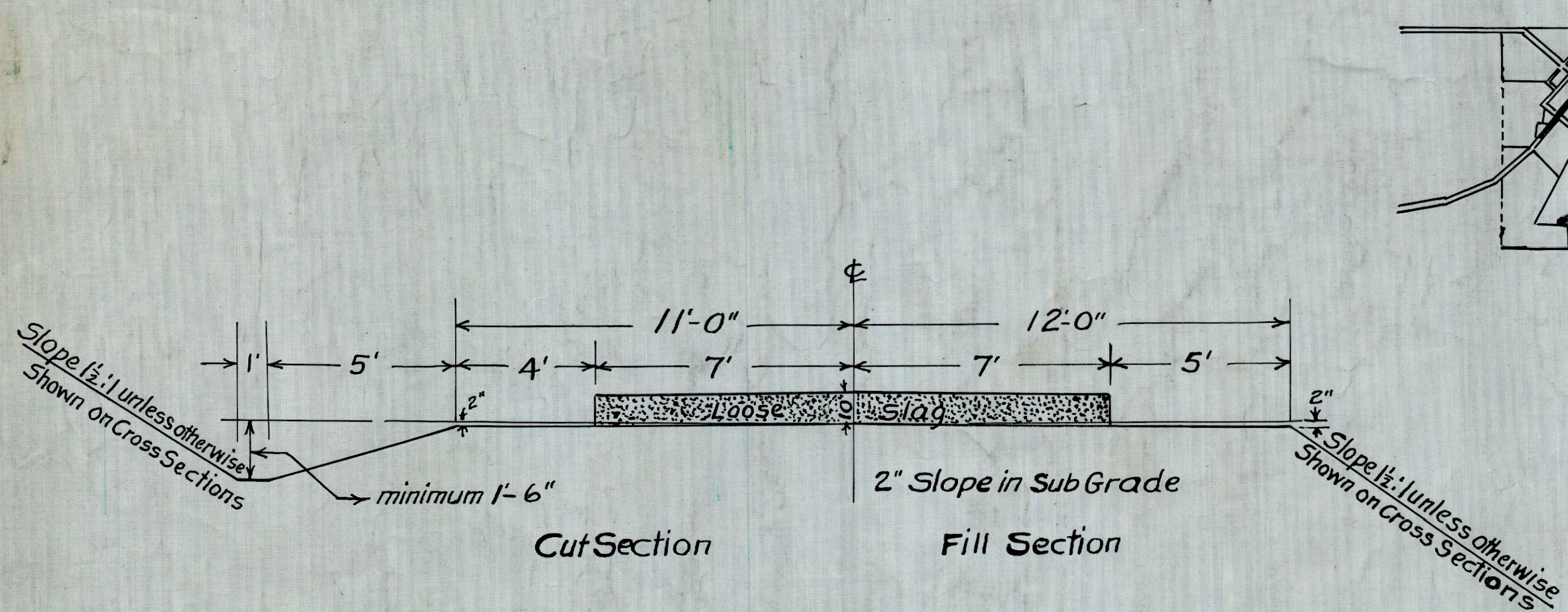


SH 47C

# HOLMES - COUNTY

## DIVISION OF CONSTRUCTION

### BALTIC - FARMERSTOWN - ROAD, N<sup>o</sup> 115.



INDEX OF SHEETS

Title and Std. Sections	Sheet 1.
Plans and Profile	" 2 to 5
Cross Sections	" 6 to 15
Summary of Quantities	" 16

The Standard Specifications of the State of Ohio, Division of Highways, in force on August 25<sup>th</sup> 1925 will govern this improvement unless otherwise shown

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the Highway for a part of the time and that detours will be provided as shown on the plans and estimate

Approved April 5, 1926

*Karl Snyder*  
County Surveyor

We the Commissioners of Holmes County, hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above Highway

Approved April 5, 1926

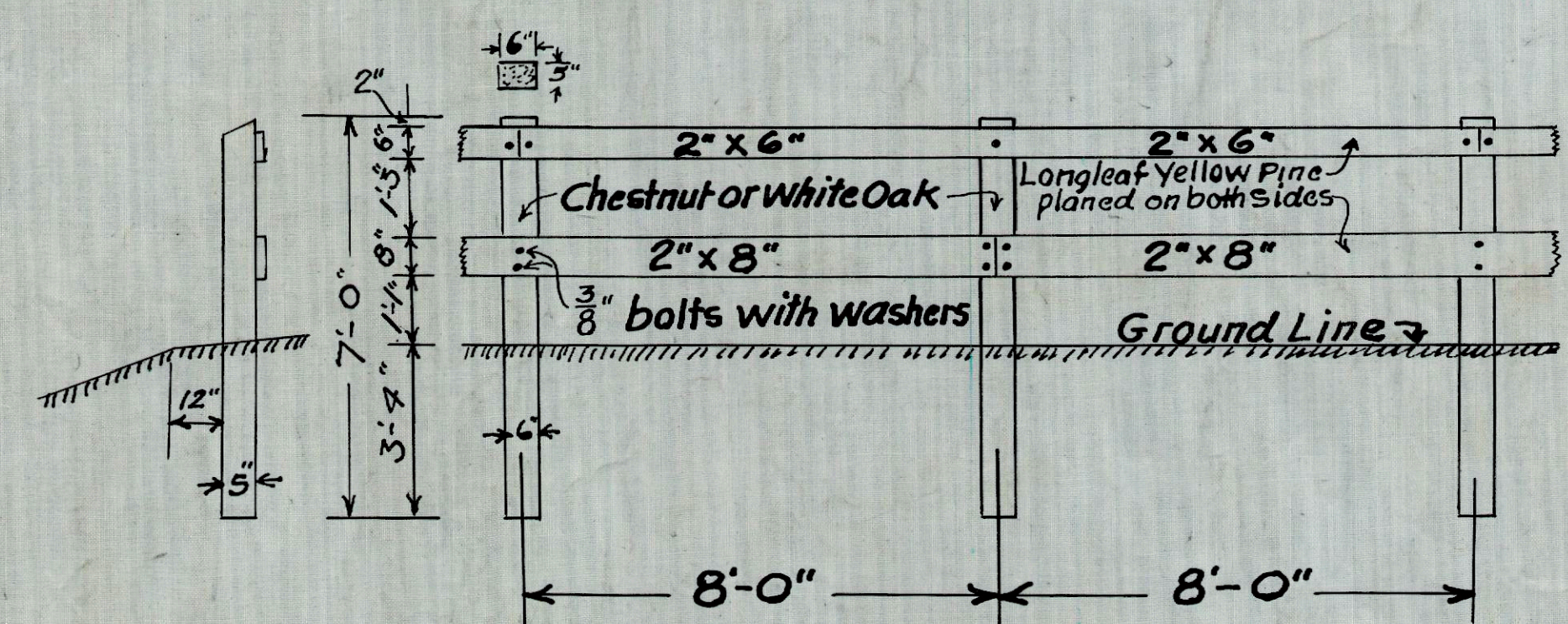
*D. J. Miller*  
*J. A. Muller*  
*H. H. Allison*

County Commissioners

#### TYPICAL CROSS SECTION

UNLESS OTHERWISE SHOWN ON CROSS SECTIONS

Slag shall be spread uniformly to thickness shown by staking forms on the sides and using a strike off or by using an adjustable spreader box. Contractor shall keep the placed slag dragged until all the slag has been placed.



BILL OF MATERIALS FOR TWO PANELS

1	Wood Rail	2"	6'16"
1	"	2"	8'16"
2	Wood Posts	5"	6'7"
9	Carriage Bolts	3/8"	9"
9	Washers	7/16"	
0.7#	Spikes 40d		5"

#### TYPE "E" GUARD RAIL

Note - All surfaces in contact to be painted before assembling, and all exposed surfaces to have two (2) coats of white lead and linseed oil paint. Posts to be set vertical in line parallel to grade line. Posts to be cut on top as shown on plan. Rails to be secured to post as shown without splitting

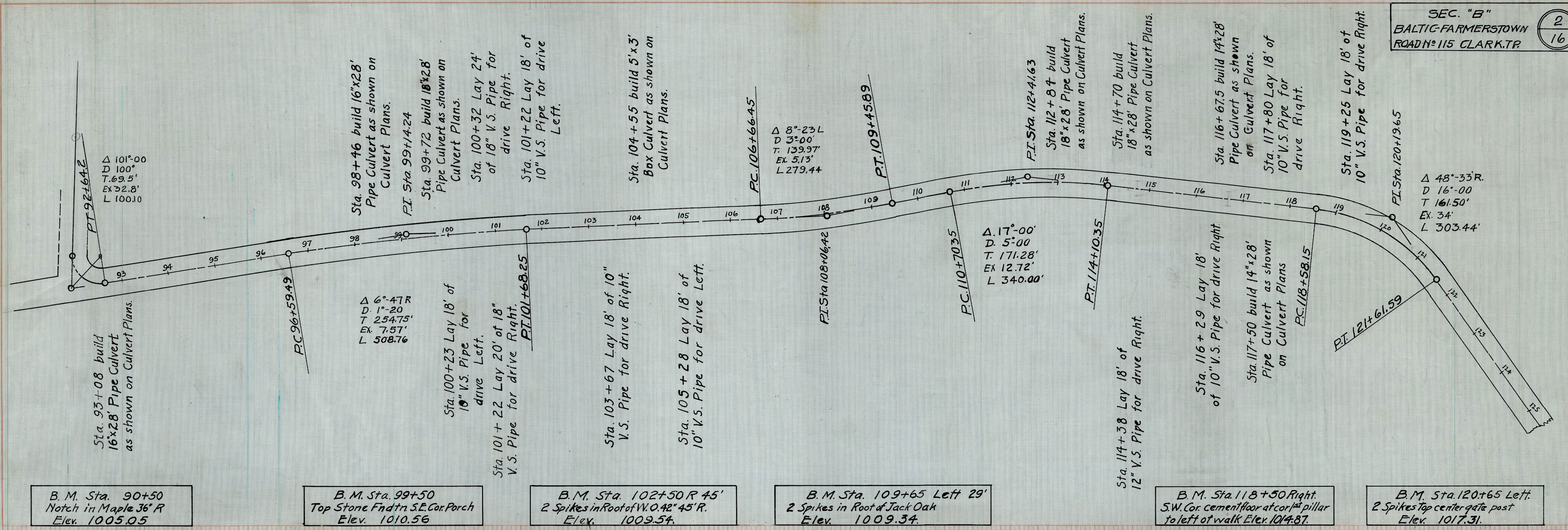
In order to secure proper alignment and grade bolt holes shall be bored and the top of posts trimmed after the posts are set and the rails nailed to them

Before setting, posts shall be treated from a point one foot below surface line to a point one foot above surface line when set, with a coat of creosote oil or Carbolinum applied, at a temperature of 250° to 300° Fahr.

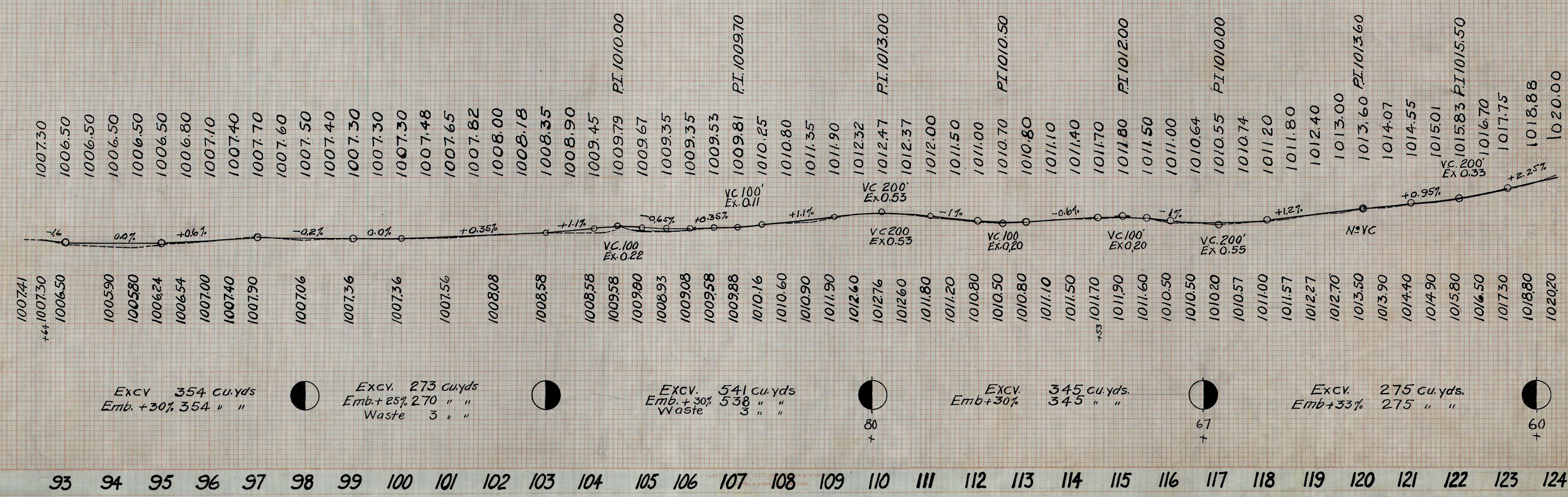


FINAL SURVEY PLOTTED NOTE BOOK NO. \_\_\_\_\_  
 ORIGINAL SURVEY PLOTTED NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

ORIGINAL SURVEY PLOTTED NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_



B.M. Sta. 90+50 Notch in Maple 36" R Elev. 1005.05  
 B.M. Sta. 99+50 Top Stone Fndtn S.E. Cor. Porch Elev. 1010.56  
 B.M. Sta. 102+50 R 45' 2 Spikes in Root of W.O. 42" 45" R. Elev. 1009.54  
 B.M. Sta. 109+65 Left 29' 2 Spikes in Root of Jack Oak Elev. 1009.34  
 B.M. Sta. 118+50 Right S.W. Cor. cement floor at cor. pillar to left of walk Elev. 1014.87  
 B.M. Sta. 120+65 Left 2 Spikes top center gate post Elev. 1017.31



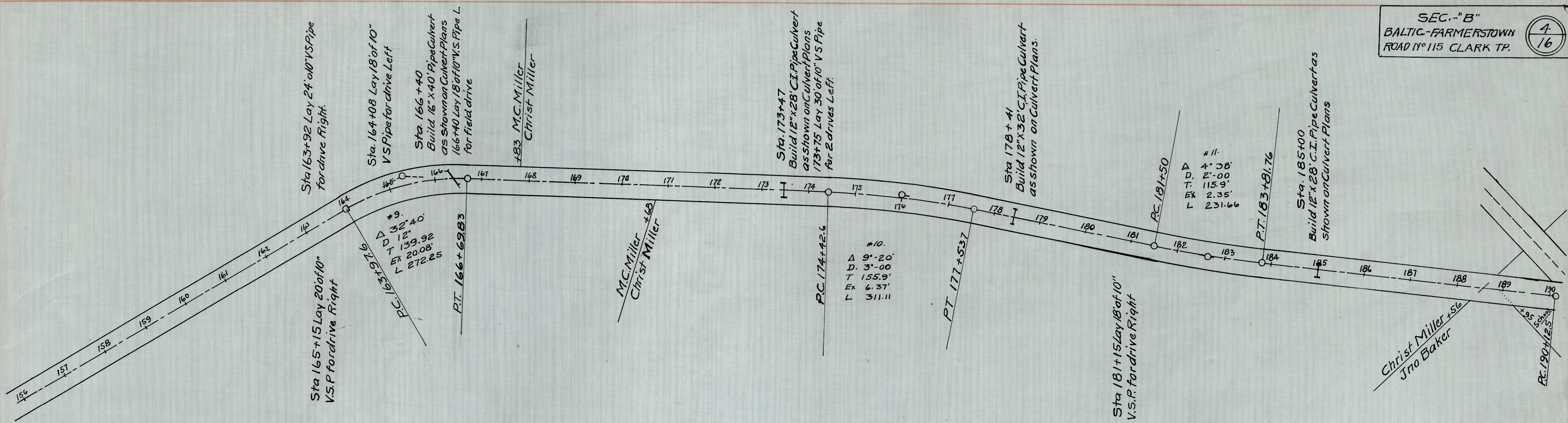






FINAL SURVEY PLOTTED DATE: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_

ORIGINAL SURVEY PLOTTED DATE: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
AREAS CHECKED: \_\_\_\_\_



B.M. Sta. 164+00  
N.W. Cor. Conc. at Gate Left  
Elev 1073.85

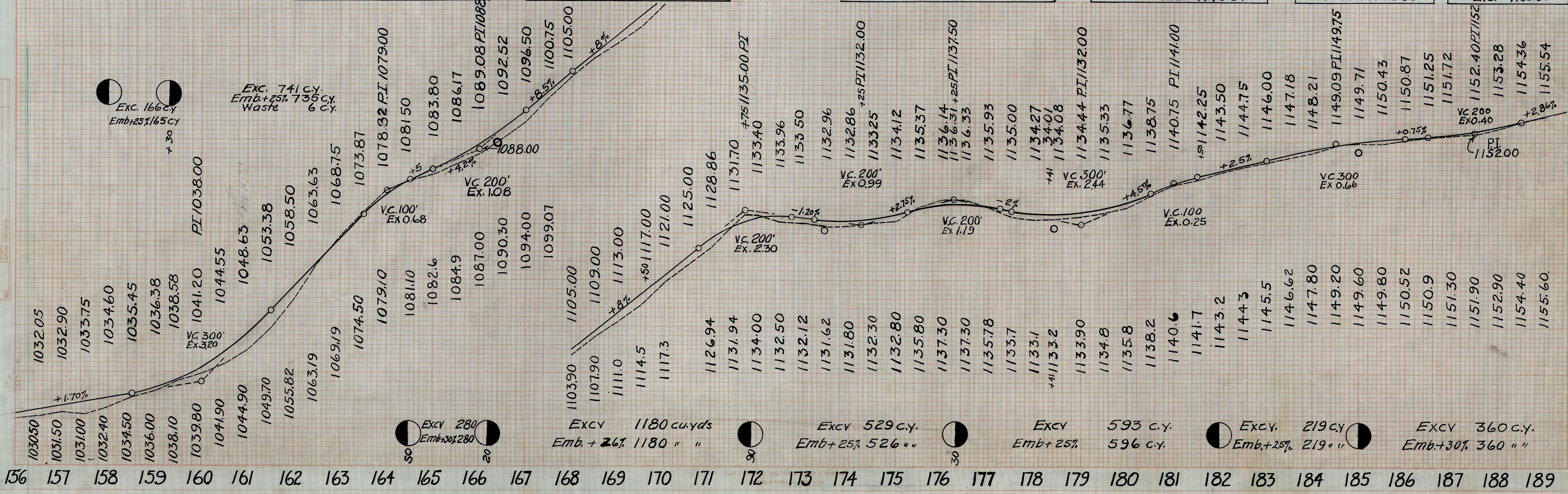
B.M. Sta. 167+80  
2 Spikes Guy Post Left 2' up N. side.  
Elev 1108.58

B.M. Sta. 177+50  
2 Spikes in Root of Chestnut Left  
Elev 1135.96

B.M. Sta. 181+75  
2 nails root 24" W.O. R. 35"  
Elev 1145.37

B.M. Sta. 184+55  
1 spike in root of W.O. 18"  
R 30" Elev 1148.33

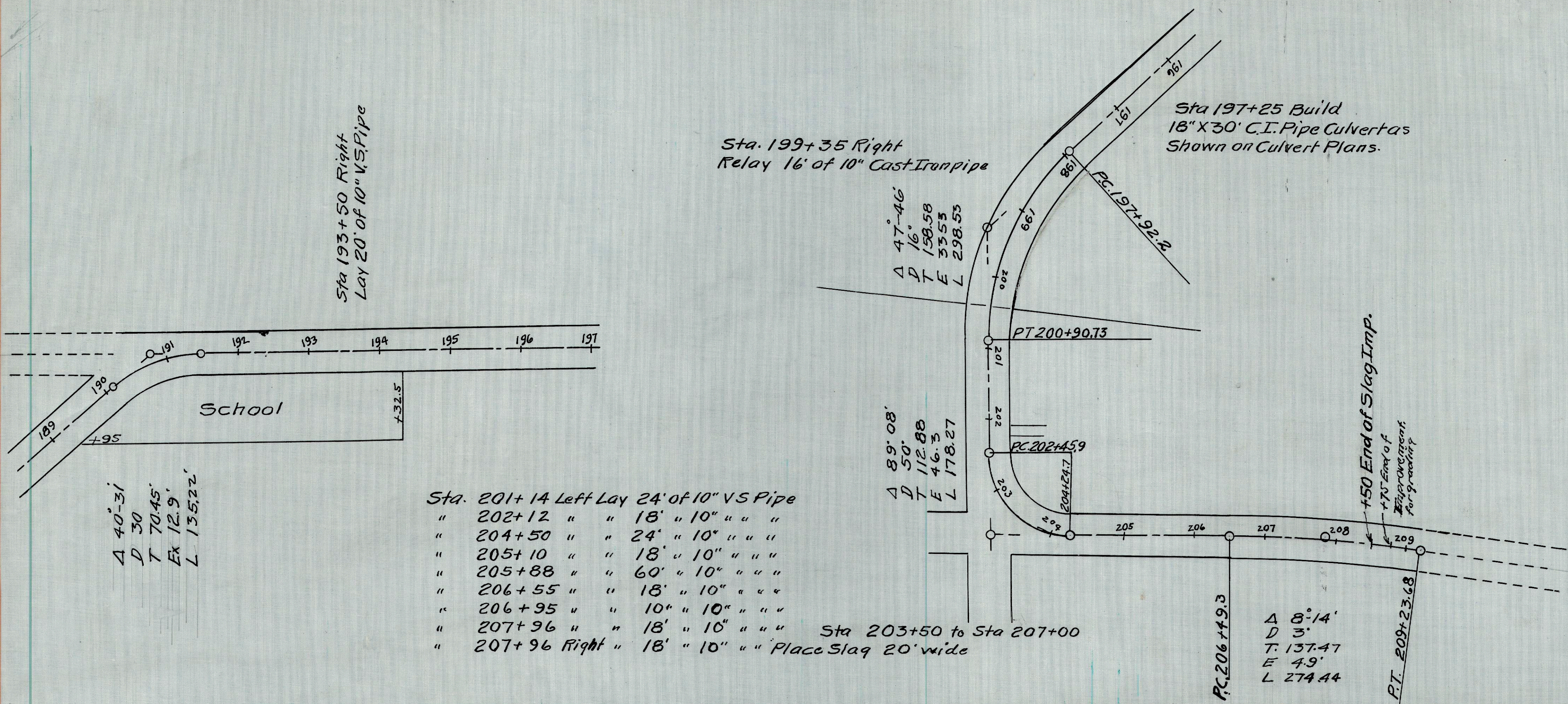
B.M. Sta. 188+55  
2 spikes root Chest. L  
Elev 1155.63





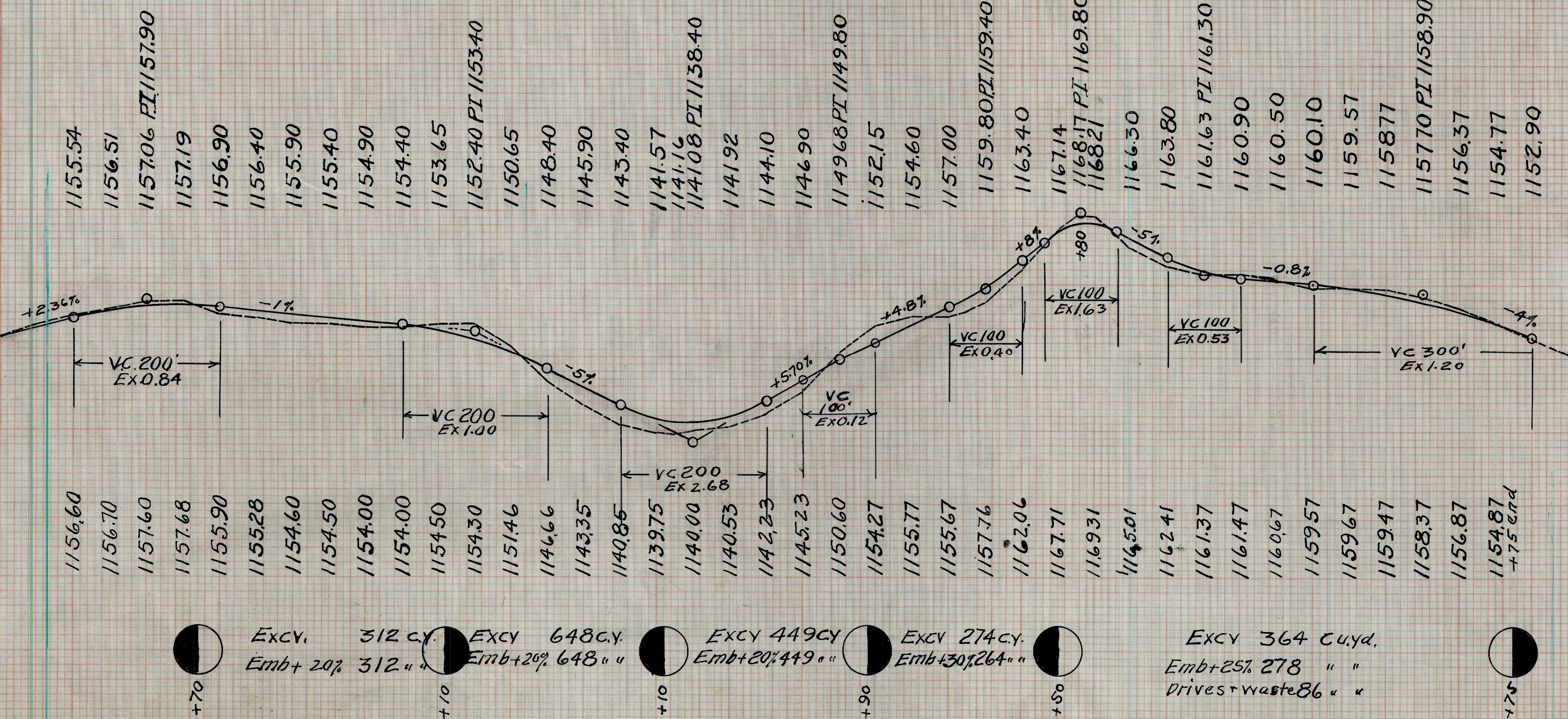
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 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_

ORIGINAL SURVEY PLOTTED DATE: \_\_\_\_\_  
 SURVEY PLOTTED DATE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_



- Sta. 201+14 Left Lay 24' of 10" V.S. Pipe
- " 202+12 " " 18' " 10" " " "
  - " 204+50 " " 24' " 10" " " "
  - " 205+10 " " 18' " 10" " " "
  - " 205+88 " " 60' " 10" " " "
  - " 206+55 " " 18' " 10" " " "
  - " 206+95 " " 10' " 10" " " "
  - " 207+96 " " 18' " 10" " " "
  - " 207+96 Right " 18' " 10" " " " Place Slag 20' wide
- Sta 203+50 to Sta 207+00

- B.M. Sta. 193+75  
S.W. Cor. School, S. Ent.  
Elev. 1159.93
- B.M. Sta. 196+75  
2 mails root P. Oak Right  
Elev. 1141.76
- B.M. Sta. 203+00  
N.W. Cor. Walk at gate Mrs. Luke  
Elev. 1172.29
- B.M. Sta. 205+50  
S.W. Cor. Conc. Porch  
Elev. 1161.15
- B.M. 209  
S.W. Cor. School step  
Elev. 1158.00



- Exc. 312 cu. y. Emb +20% 312 " "
- Exc. 648 cu. y. Emb +20% 648 " "
- Exc. 449 cu. y. Emb +20% 449 " "
- Exc. 274 cu. y. Emb +30% 264 " "
- Exc. 364 cu. y. Emb +25% 278 " "
- Drives + waste 86 " "

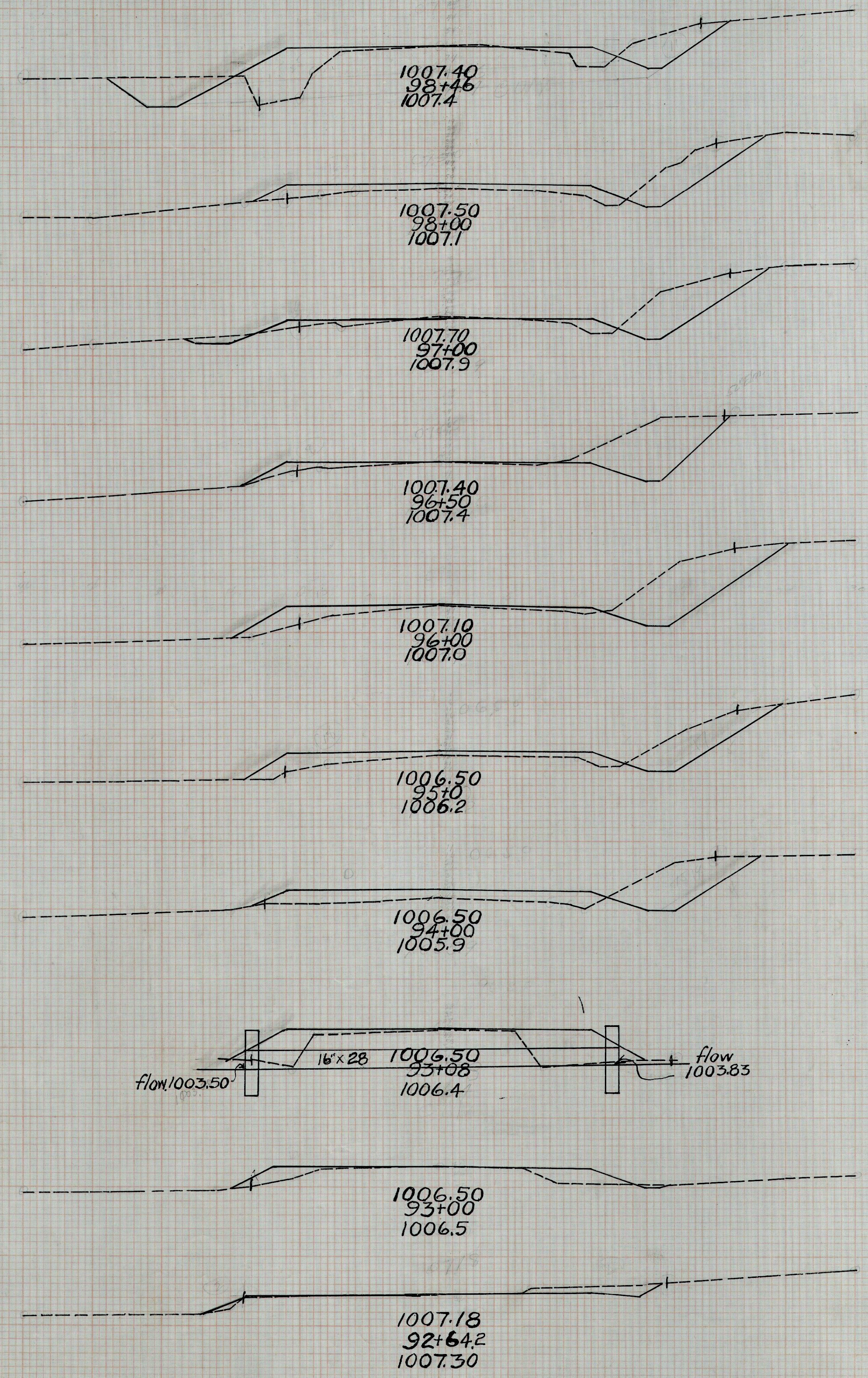
188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209



FINAL SURVEY PLOTTED AREAS CHECKED

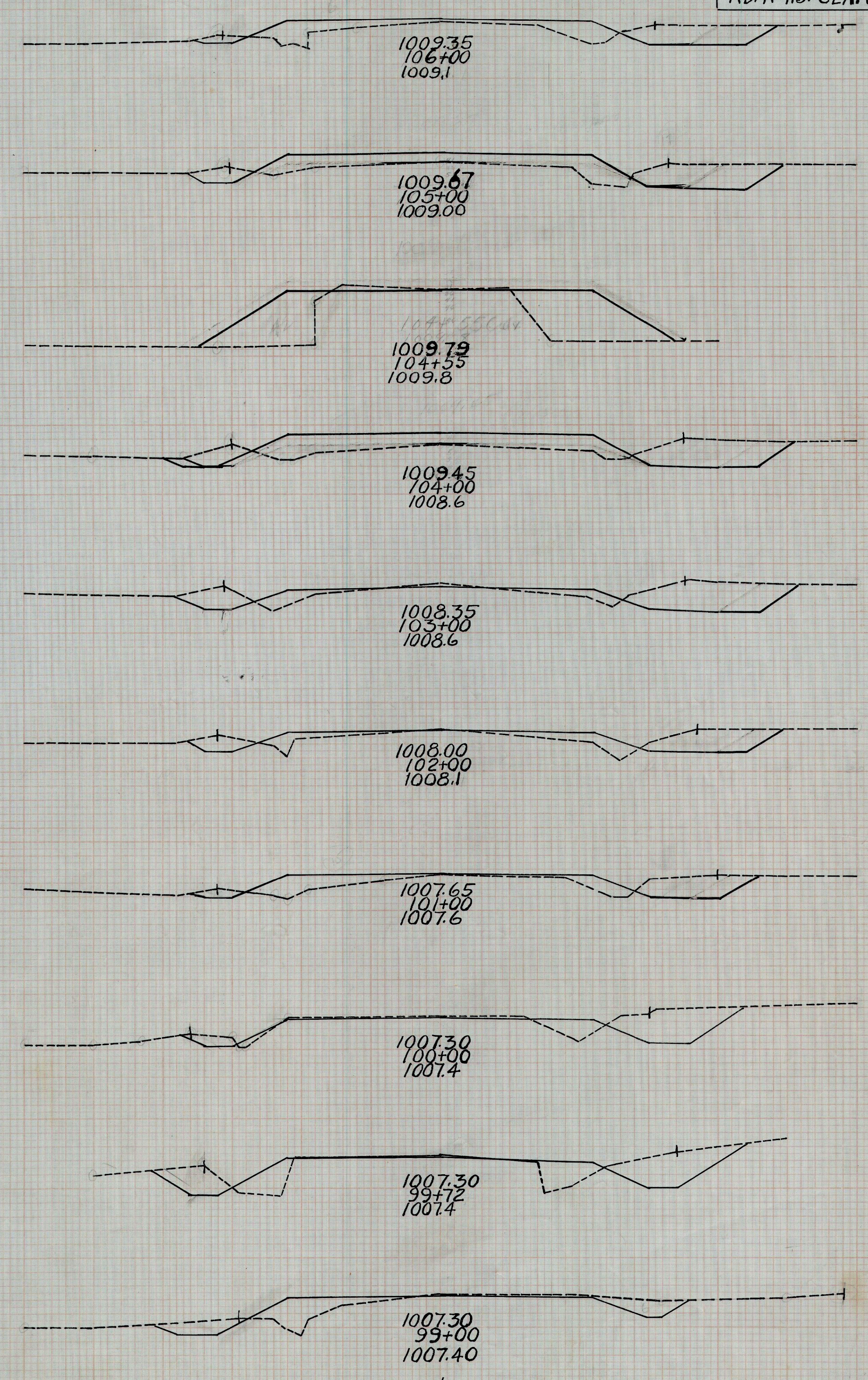
ORIGINAL SURVEY PLOTTED AREAS CHECKED

End Area		Cu. yd.	
Cut	Fill	Cut	Fill
22	25		
	26	29	
15	16		
	63	46	
19	9		
	41	16	
25	8		
	52	21	
32	15		
	92	61	
17	18		
	66	70	
19	20		
	30	39	
0	25		
	0	8	
0	12		
	4	11	
6	2		
	6	3	



£

End Area		Cu. yd.	
Cut	Fill	Cut	Fill
14	18		
	59	76	
18	23		
	22	45	
0	42		
	37	56	
23	27		
	87	61	
24	6		
	70	34	
14	12		
	46	50	
17	15		
	48	39	
15	6		
	19	10	
21	12		
	41	50	
10	10		
	23	23	



£

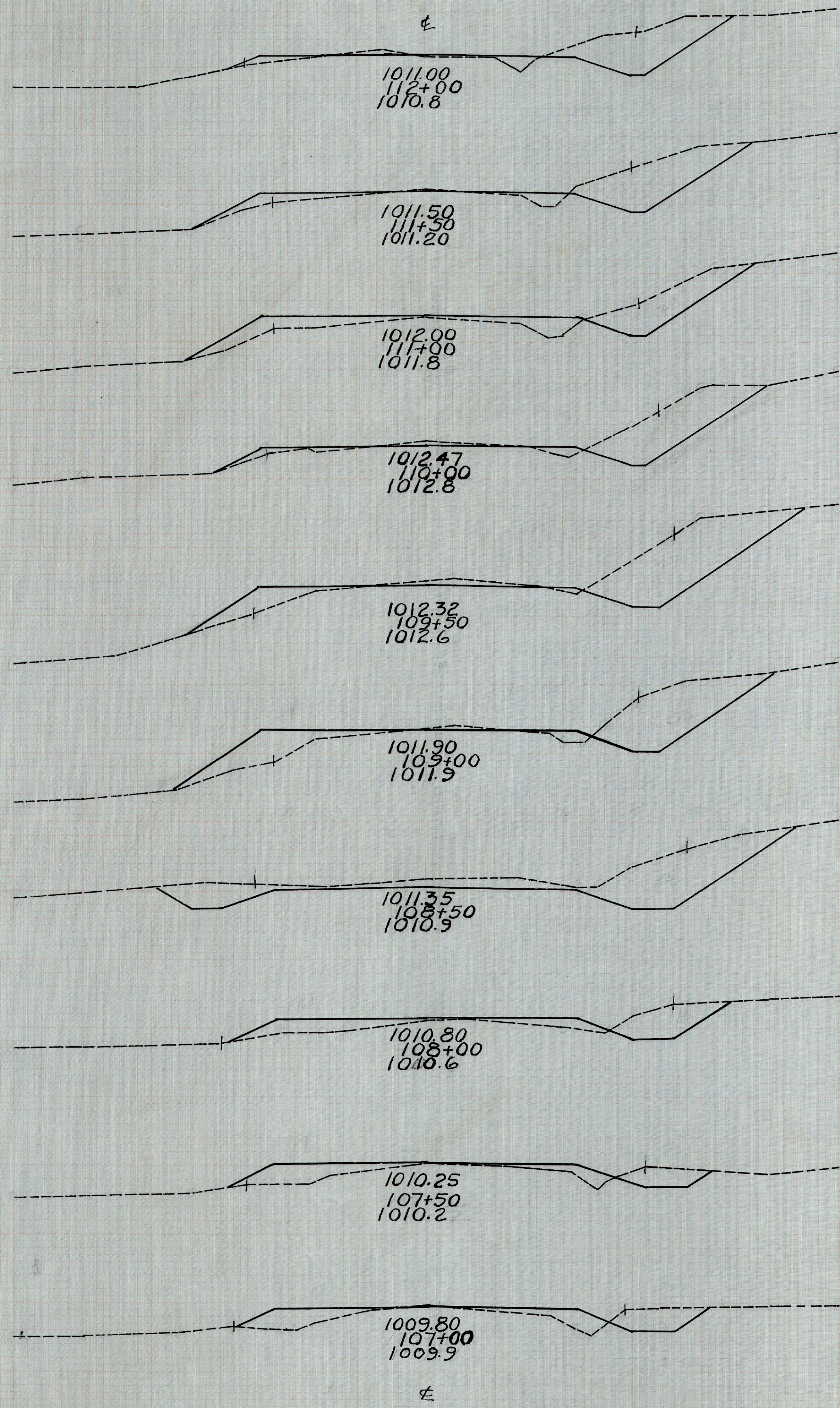
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SEC. "B"  
BAL TIC-FARMERSTOWN  
RD. N° 115. CLARK TP.

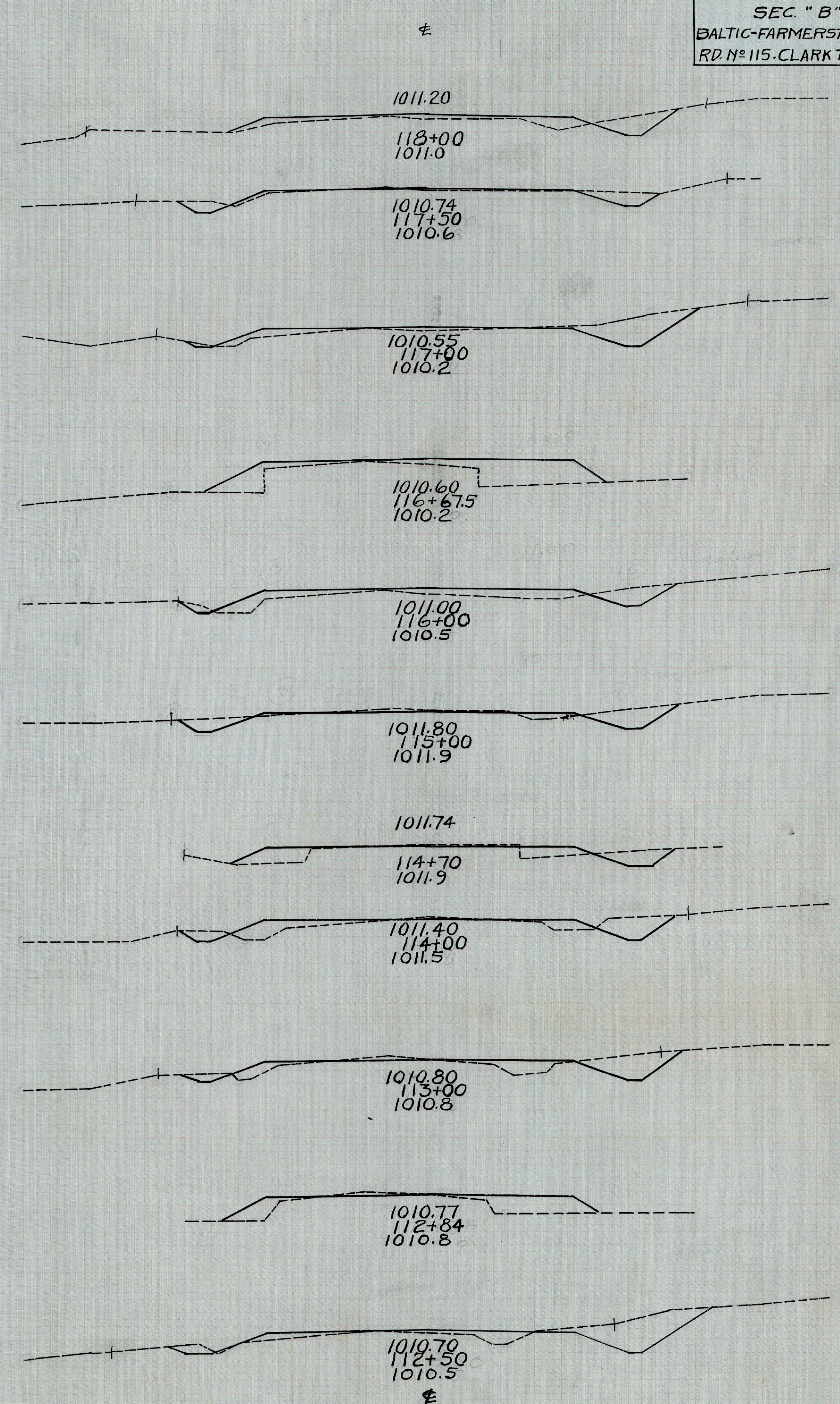
6/16



End Area		Cu. yd.	
Cut	Fill	Cut	Fill
26	6		
		48	15
27	9		
		43	28
20	20		
		107	48
28	6		
		70	17
47	12		
		74	30
33	20		
		81	15
55	0		
		63	11
13	16		
		18	32
6	19		
		13	32
8	15		
		41	76



End Area		Cu. yds	
Cut	Fill	Cut	Fill
6	7		
		9	9
4	3		
		13	8
10	6		
		6	17
0	25		
		6	37
5	13		
		24	30
8	3		
		7	6
4	7		
		4	22
7	11		
		32	39
10	10		
		4	8
0	16		
		9	15
15	8		
		37	13

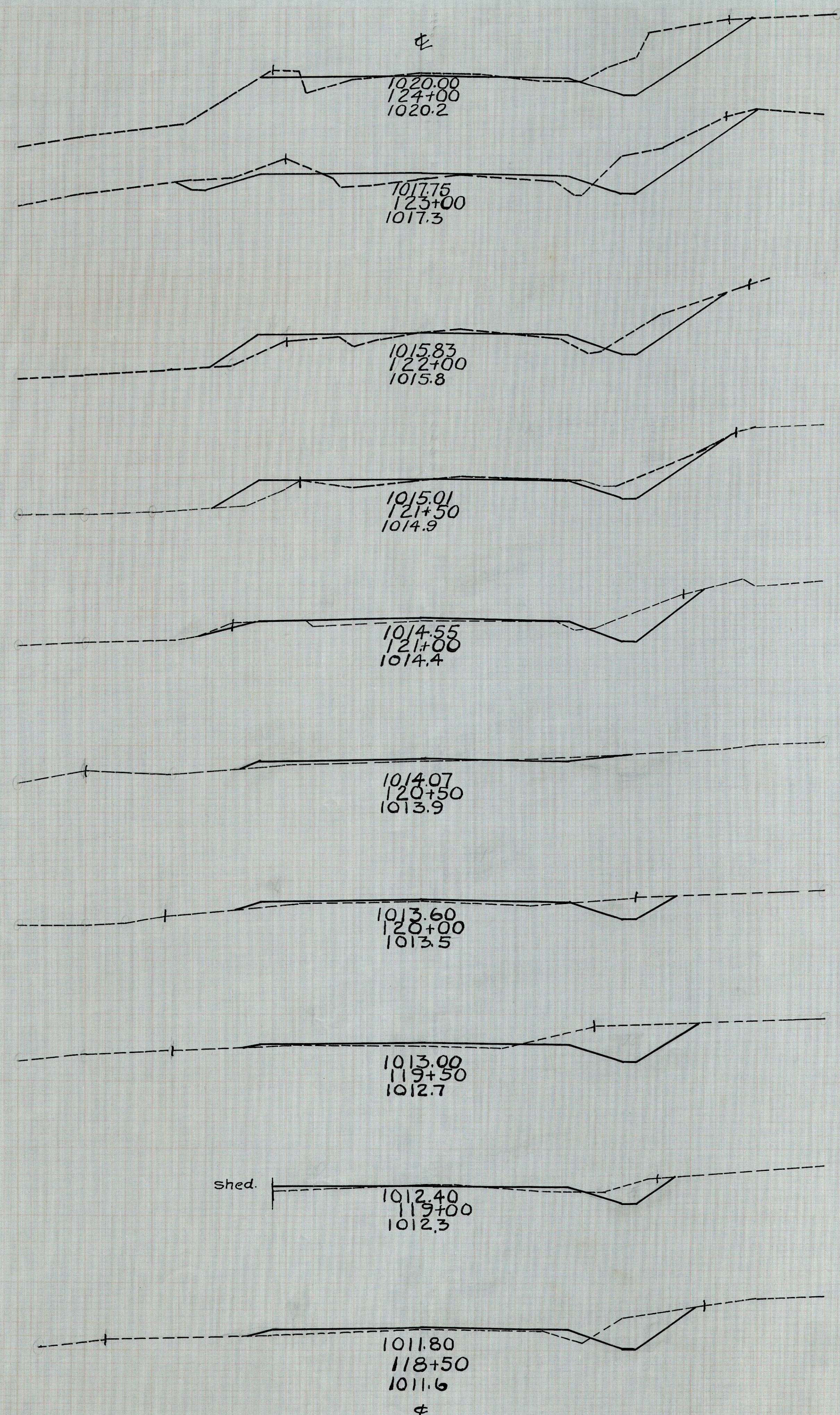


SEC. "B"  
 BALTIC-FARMERSTOWN  
 RD. N° 115-CLARK TP.

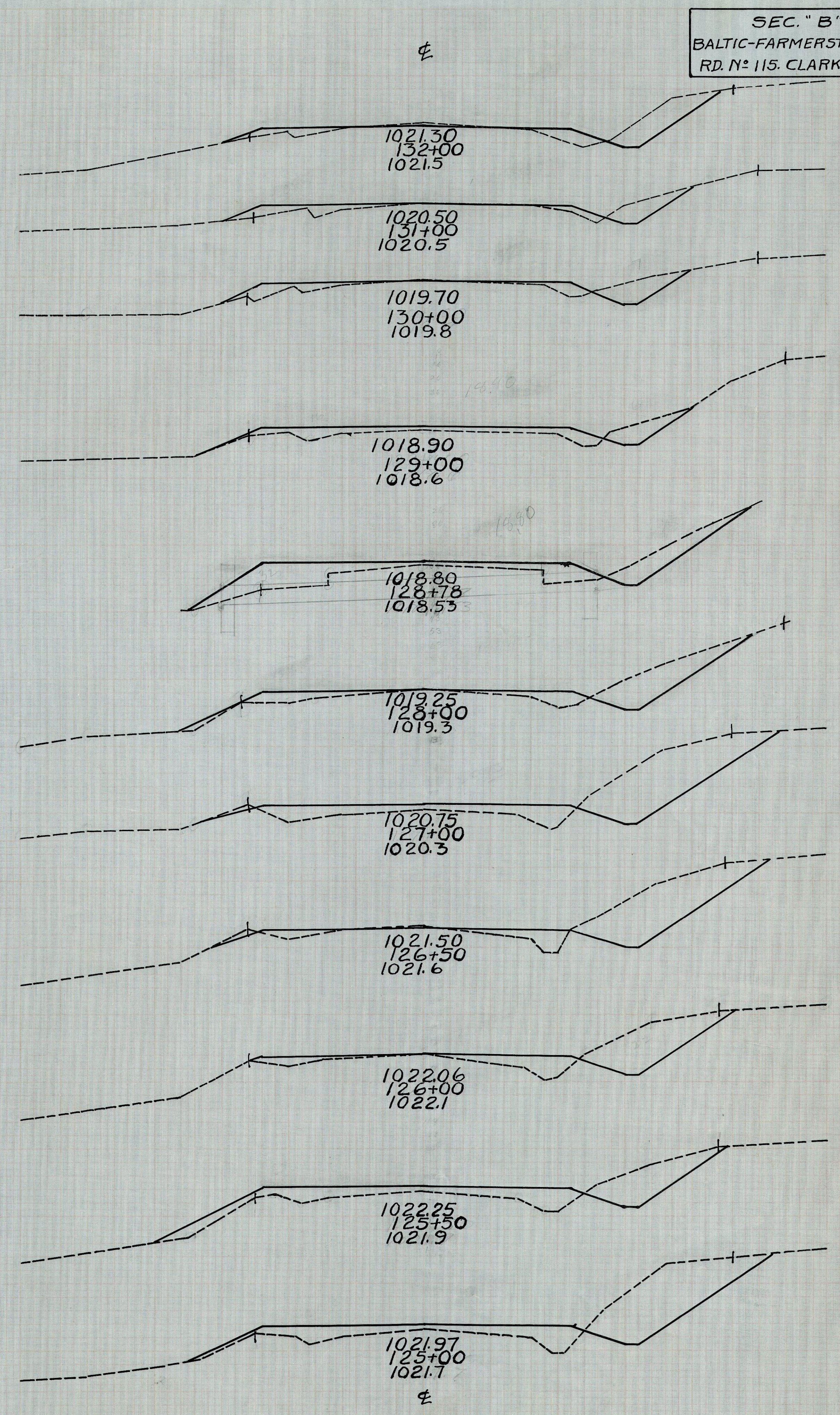
7/76



End Area	cu. yds.
Cut	Fill
26	6
	98 32
26	11
	68 44
11	13
	18 22
8	10
	17 15
10	6
	10 10
1	5
	6 10
6	6
	20 11
16	6
	20 10
5	5
	13 12
9	8
	15 14



End Area	cu. y.
Cut	Fill
10	10
	28 37
5	10
	22 35
7	9
	24 46
6	16
	6 20
8	32
	30 74
13	20
	96 74
39	20
	68 28
35	10
	52 24
22	15
	33 35
15	23
	48 41
37	20
	117 48

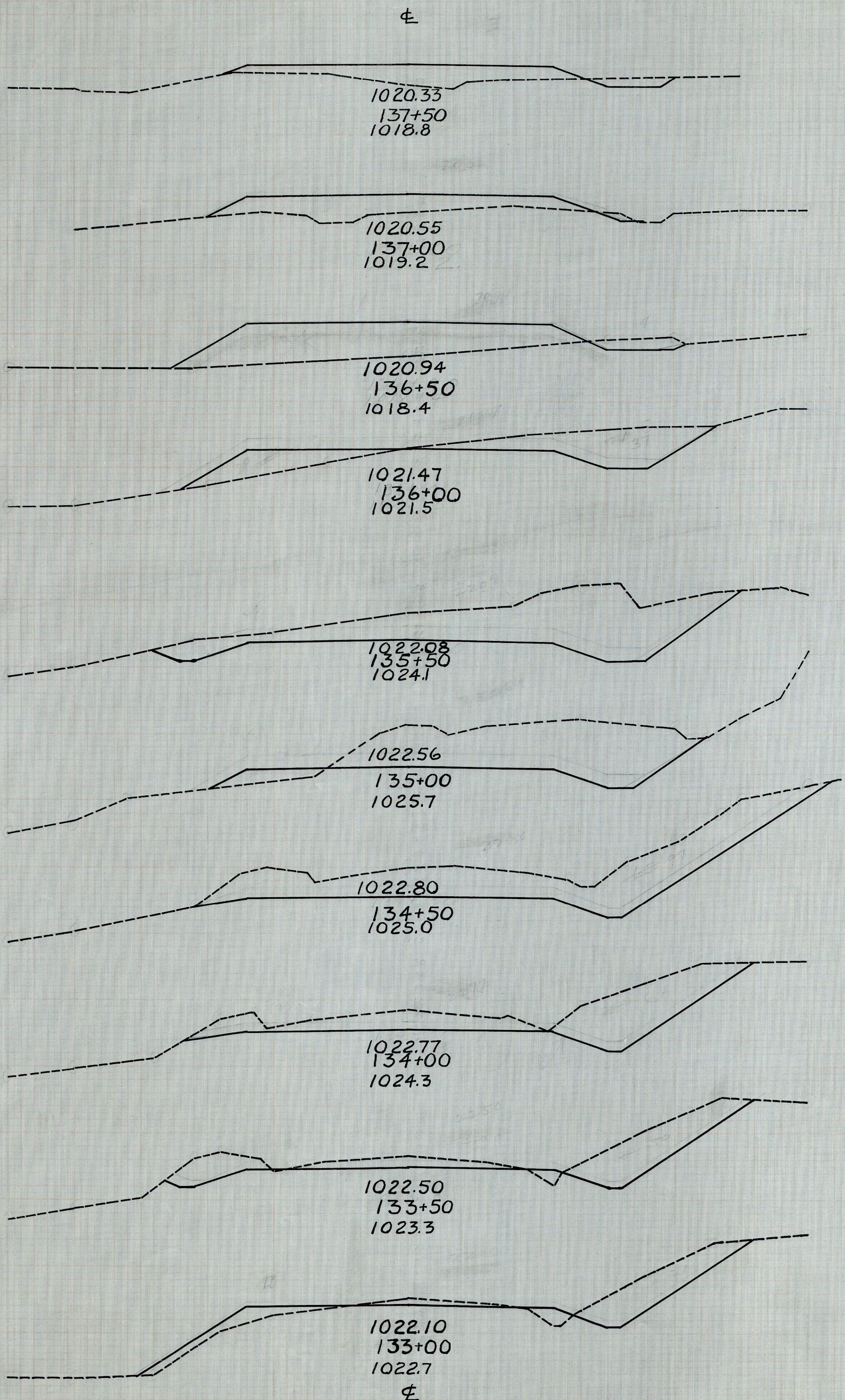


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 BALTIC-FARMERSTOWN  
 RD. N° 115. CLARKTP

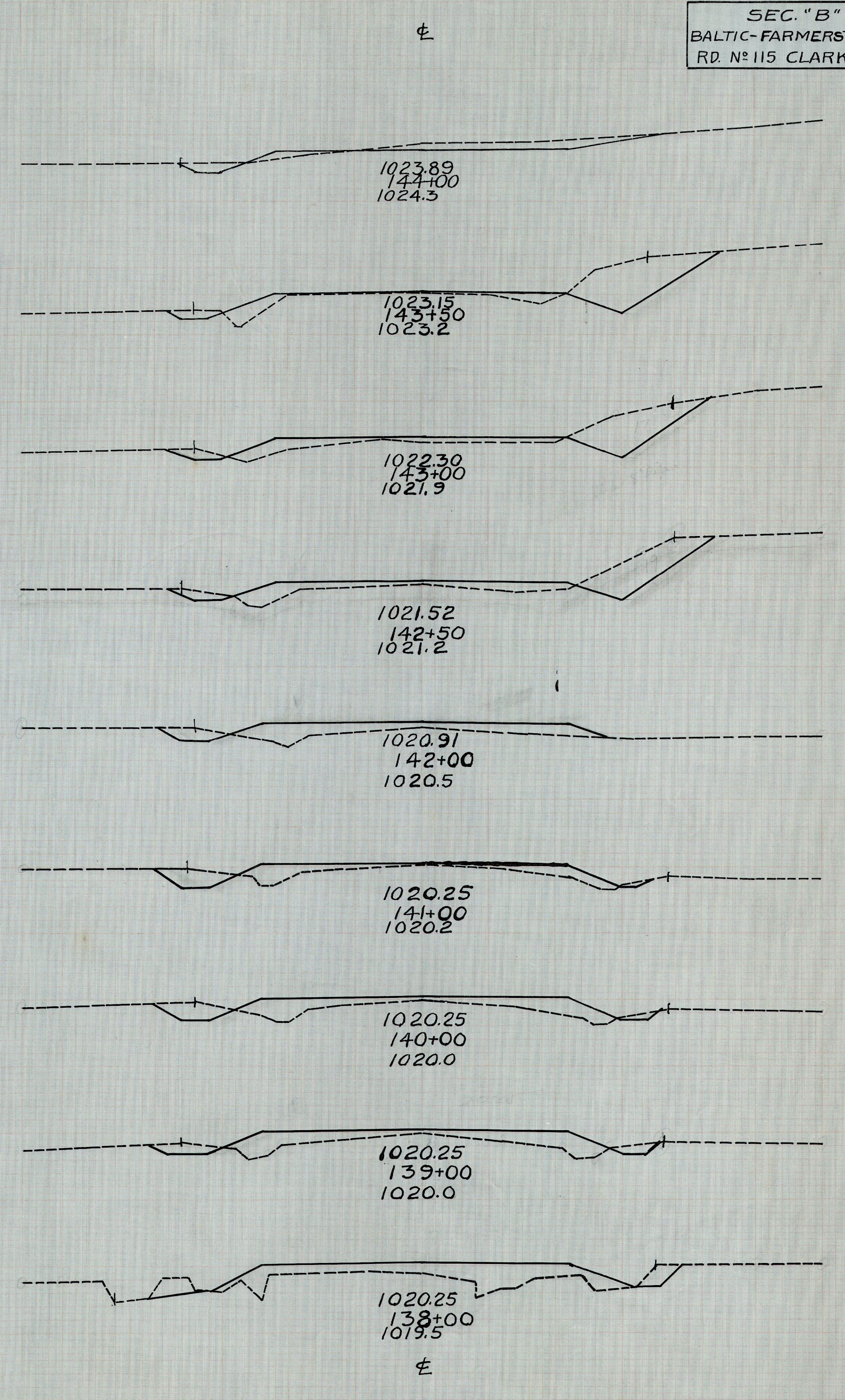
8/16



End Area	Cu. yds
Cut	Fill
3	27
3	58
0	35
4	98
4	70
37	83
37	20
108	19
80	0
152	6
85	8
168	8
97	0
152	0
68	0
109	4
50	2
70	15
27	13
68	43



End Area	Cu. yds
Cut	Fill
6	4
28	11
24	8
37	20
17	13
33	26
19	15
19	34
2	21
11	71
4	16
19	69
6	22
20	88
5	27
17	102
4	27
6	50

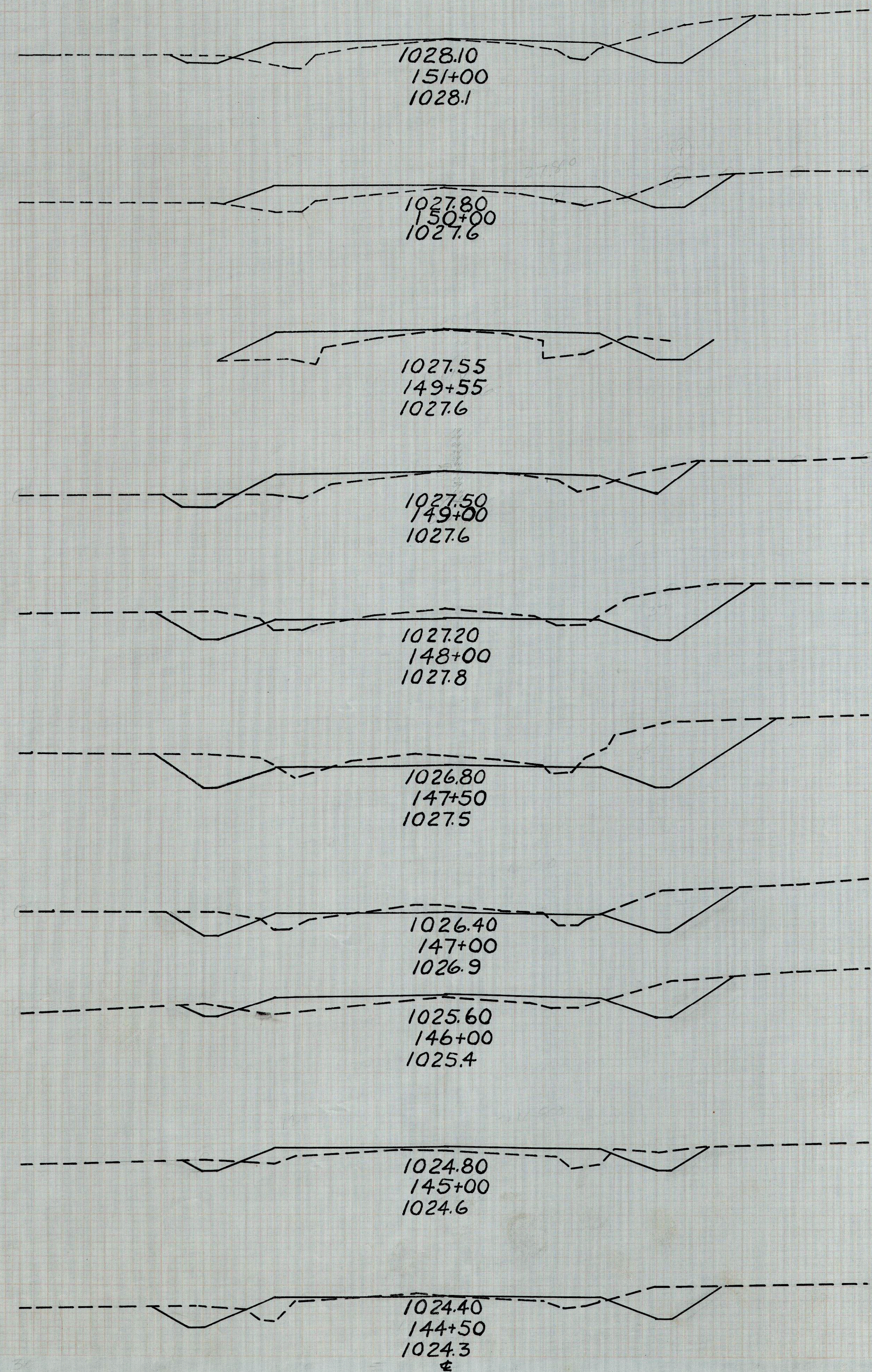


FINAL SURVEY

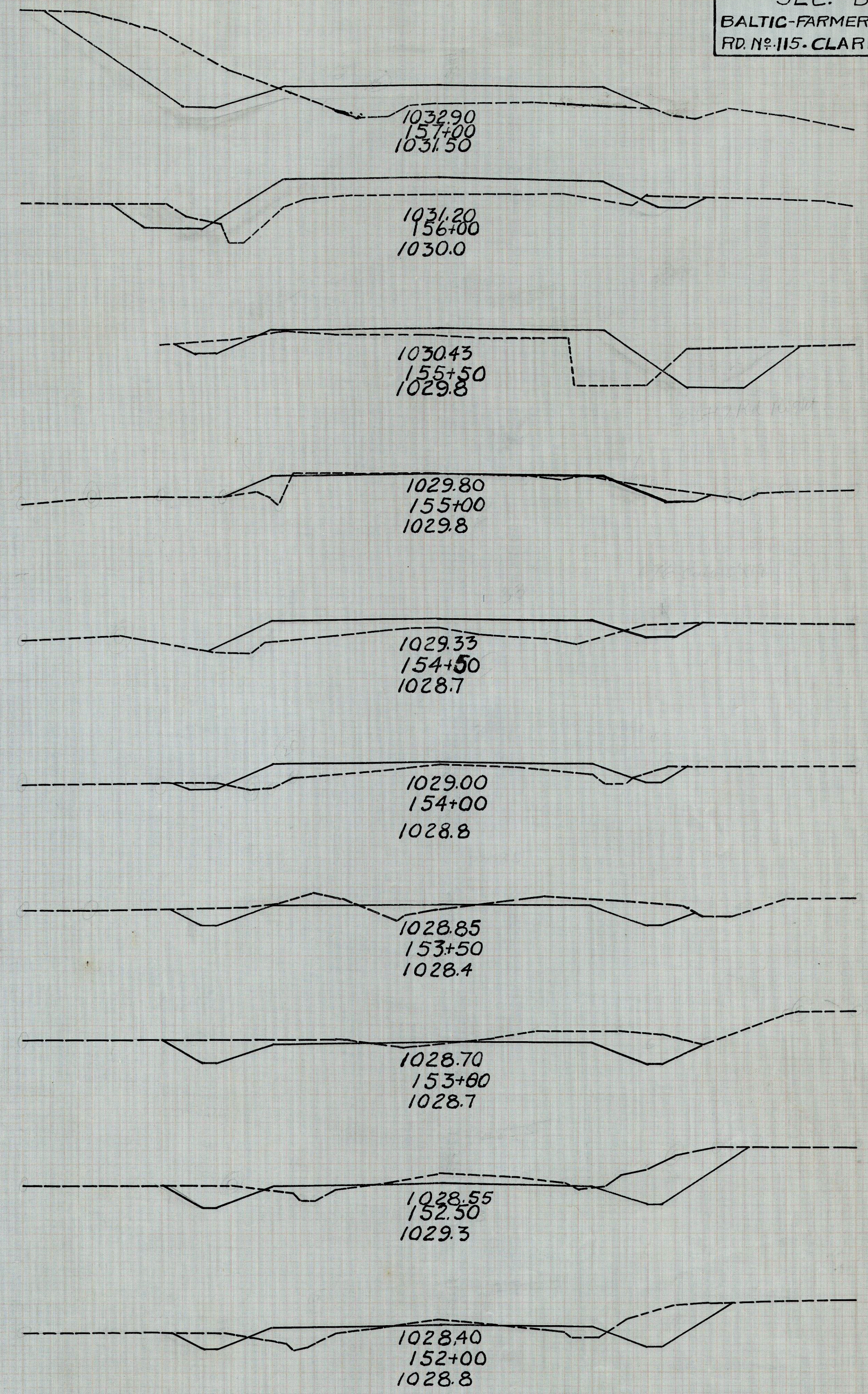
ORIGINAL SURVEY



End Area		Cu. yd.	
Cut	Fill	Cut	Fill
17	17	48	78
9	25	22	78
6	25	4	15
6	16	80	41
37	6	87	10
55	4	74	10
25	6	76	35
16	13	43	46
7	12	17	20
12	9	17	13



End Area		Cu. yd.	
Cut	Fill	Cut	Fill
55	39	120	148
10	41	19	55
24	30	24	34
4	6	15	36
4	33	7	50
3	20	20	24
20	6	43	8
26	2	52	8
29	5	42	13
18	9	61	48



SEC. "B"  
 BAL TIC-FARMERSTOWN  
 RD. N<sup>o</sup>. 115-CLARK TP.

10/16

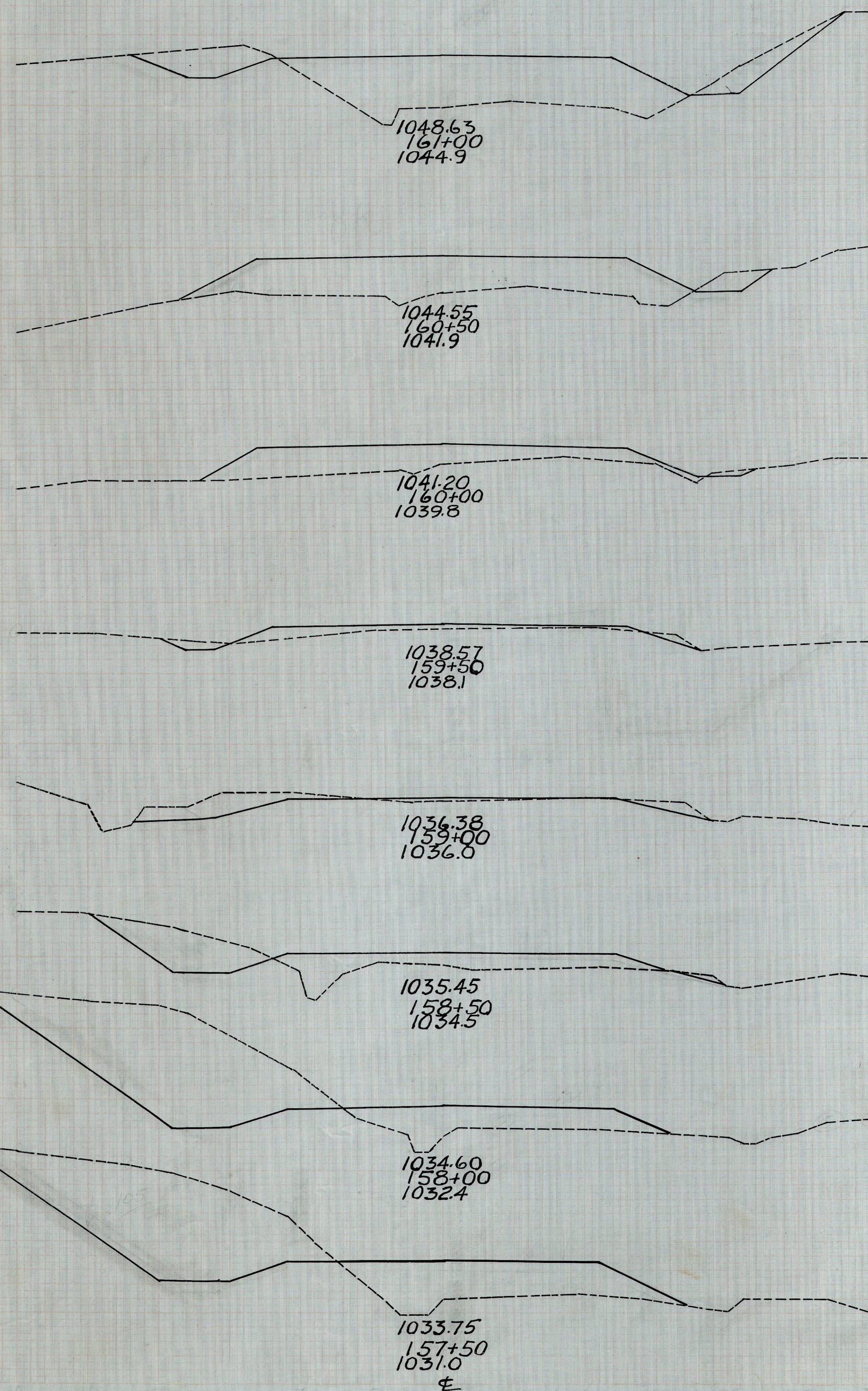
FINAL SURVEY  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

ORIGINAL SURVEY  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

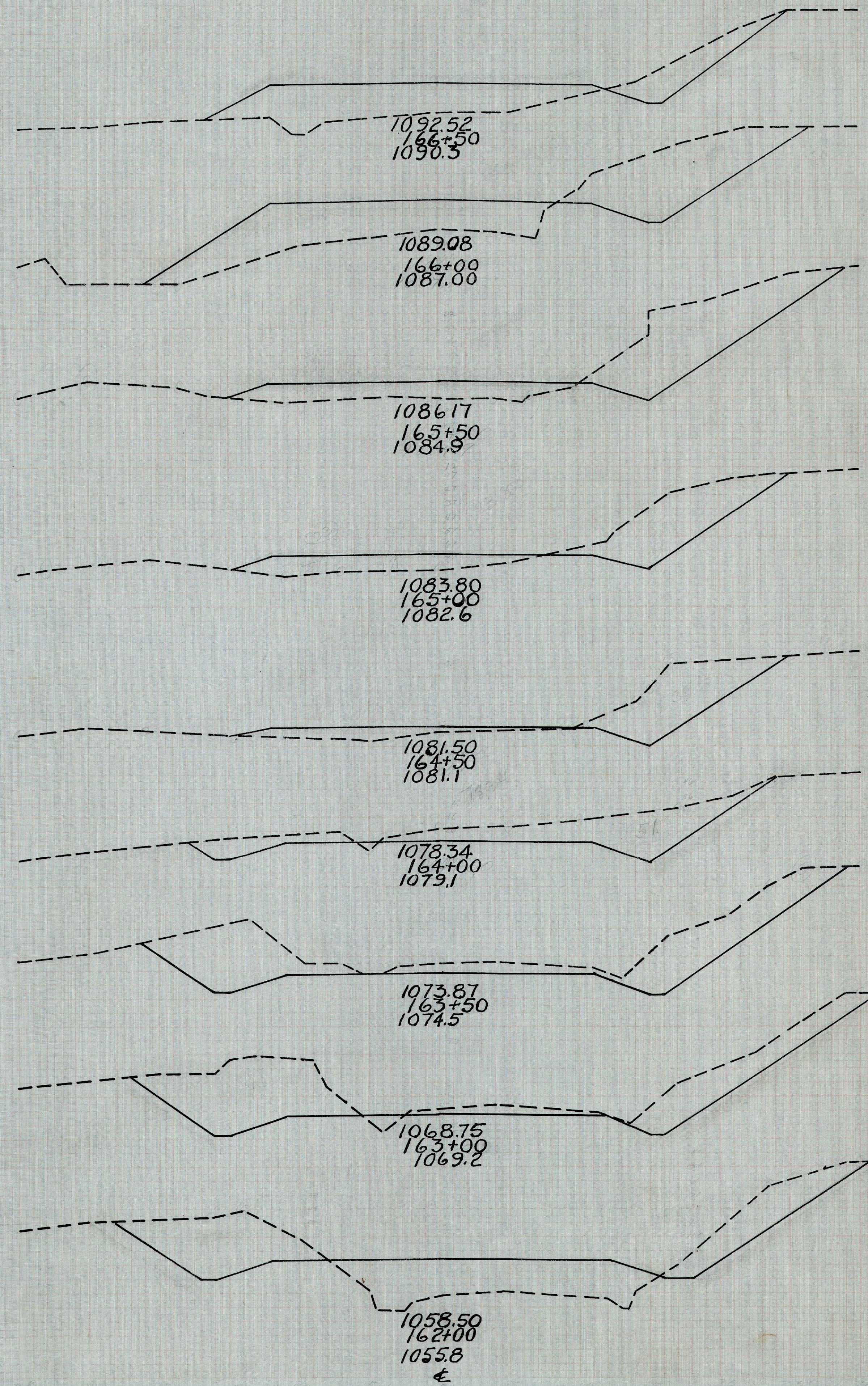
30 25 20 15 10 5 ± 5 10 15 20 25 30



End Area		Cu. yd.	
Cut	Fill	Cut	Fill
23	88		
	18	165	
0	90		
	0	130	
1	48		
	2	59	
2	15		
	10	17	
9	3		
	30	32	
22	30		
	124	61	
112	35		
	200	81	
105	54		
	148	87	



End Area		Cu. yd.	
Cut	Fill	Cut	Fill
18	59		
	67	119	
54	69		
	102	89	
57	26		
	74	46	
38	23		
	67	35	
35	15		
	63	12	
51	0		
	76	0	
85	0		
	156	2	
84	2		
	267	109	
64	57		
	161	133	

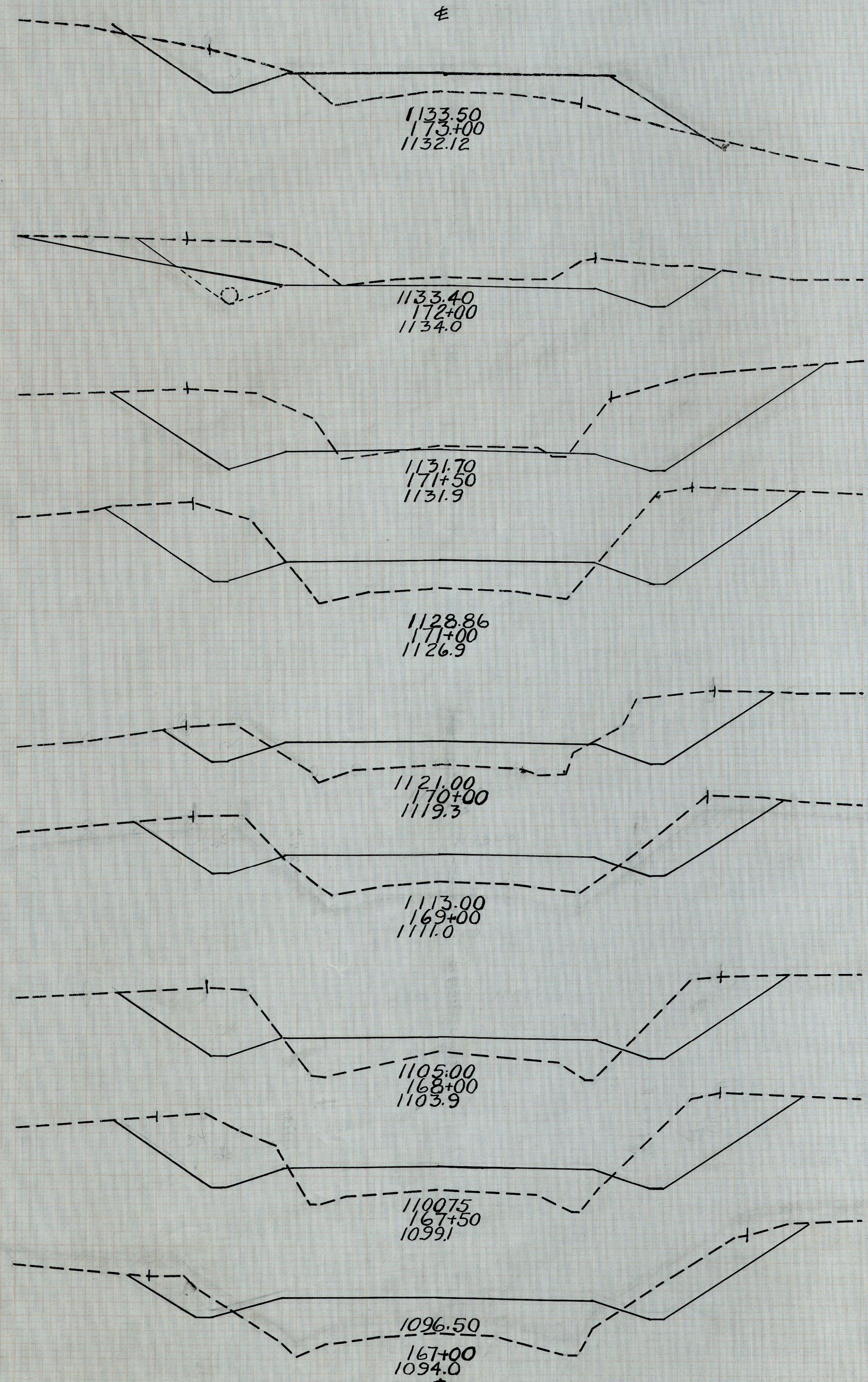


FINAL  
 SURVEY  
 SUPPLY  
 PLOTTING  
 NOTE BOOK  
 AREA  
 CHECKED

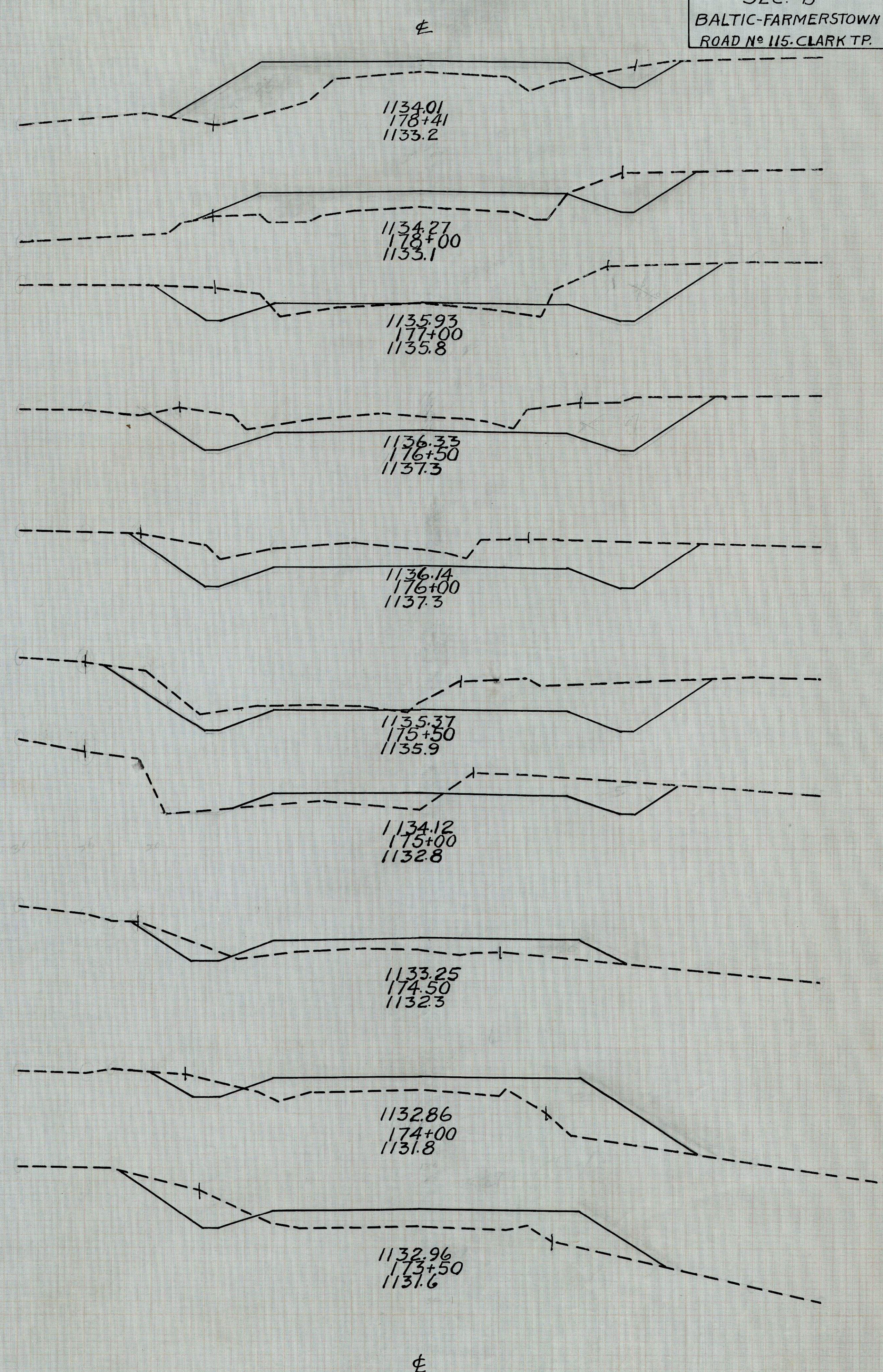
ORIGINAL  
 SURVEY  
 SUPPLY  
 PLOTTING  
 NOTE BOOK  
 AREA  
 CHECKED



End Area		Cu. Yd.	
Cut	Fill	Cut	Fill
20	50	130	84
55	0	148	2
104	3	178	46
88	46	246	159
45	40	145	167
50	50	206	
61	41	120	78
72	43	96	111
33	76	44	124



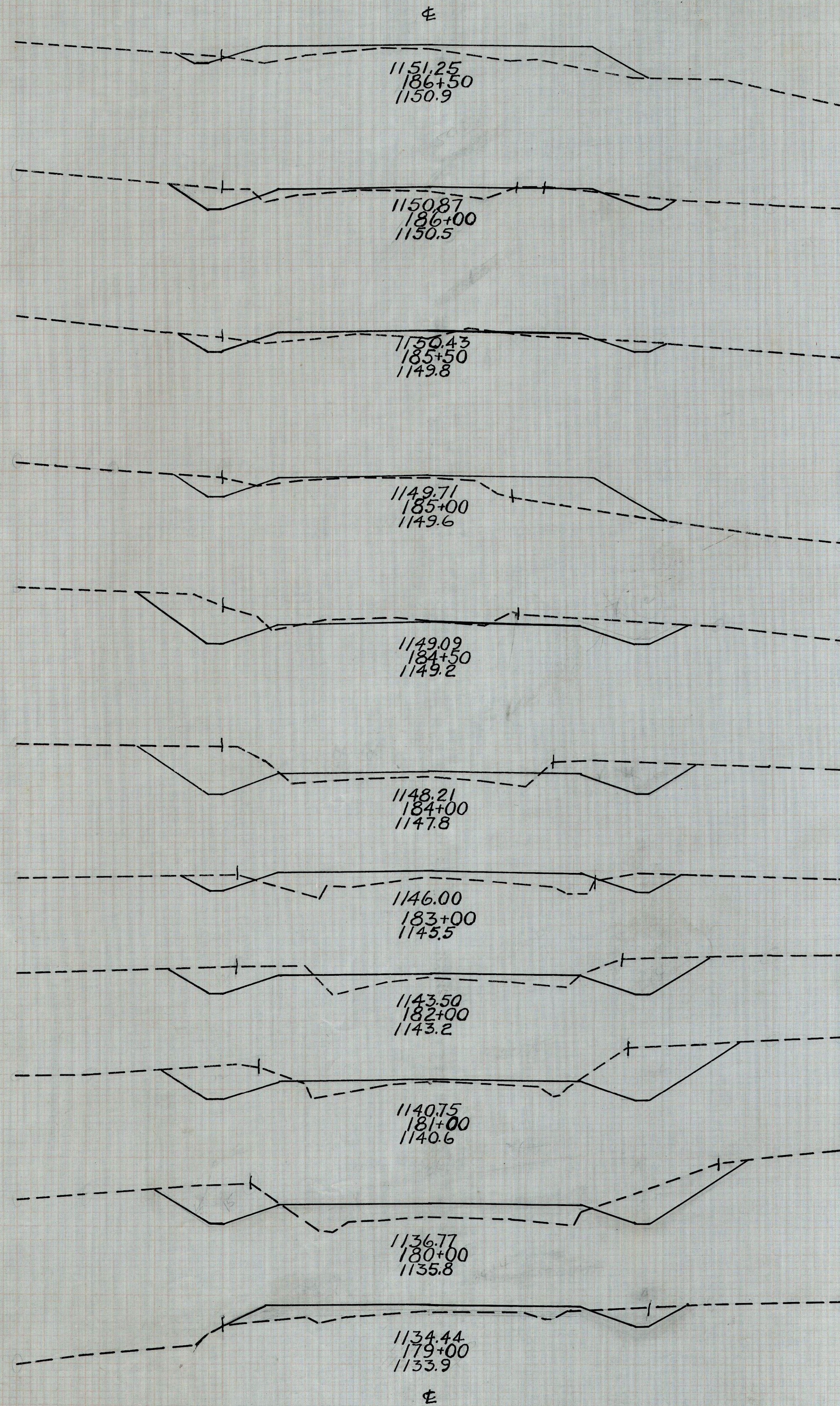
End Area		Cu. Yd.	
Cut	Fill	Cut	Fill
3	55	13	71
15	39	108	109
43	10	102	6
67	0	130	0
74	0	124	0
60	0	60	0
78	11	25	12
28	43	5	30
9	87	5	65
19	104	15	48
33	91		



SEC. "B"  
BALTIC-FARMERSTOWN  
ROAD NO 115. CLARK TP. 12/16



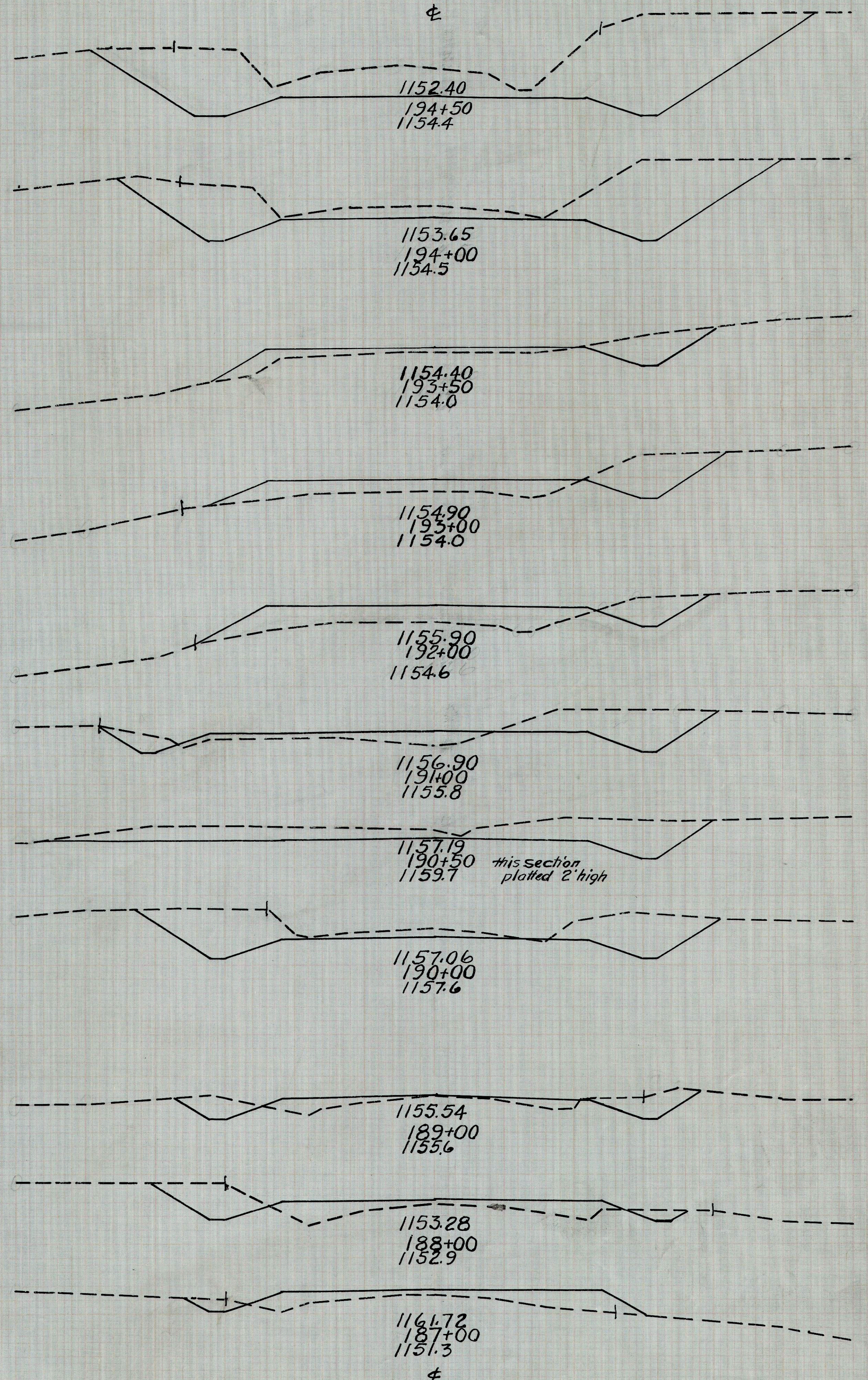
End Area		Cu. yd.	
Cut	Fill	Cut	Fill
1	26		
		6	32
5	9		
		8	20
4	13		
		8	36
3	34		
		19	35
18	4		
		50	13
37	10		
		85	61
9	23		
		65	67
26	13		
		118	46
38	12		
		126	74
30	28		
		63	87
4	19		
		8	83



SEC. "B"  
BAL TIC-FARMERSTOWN,  
ROAD N. 115. CLARK T.P.

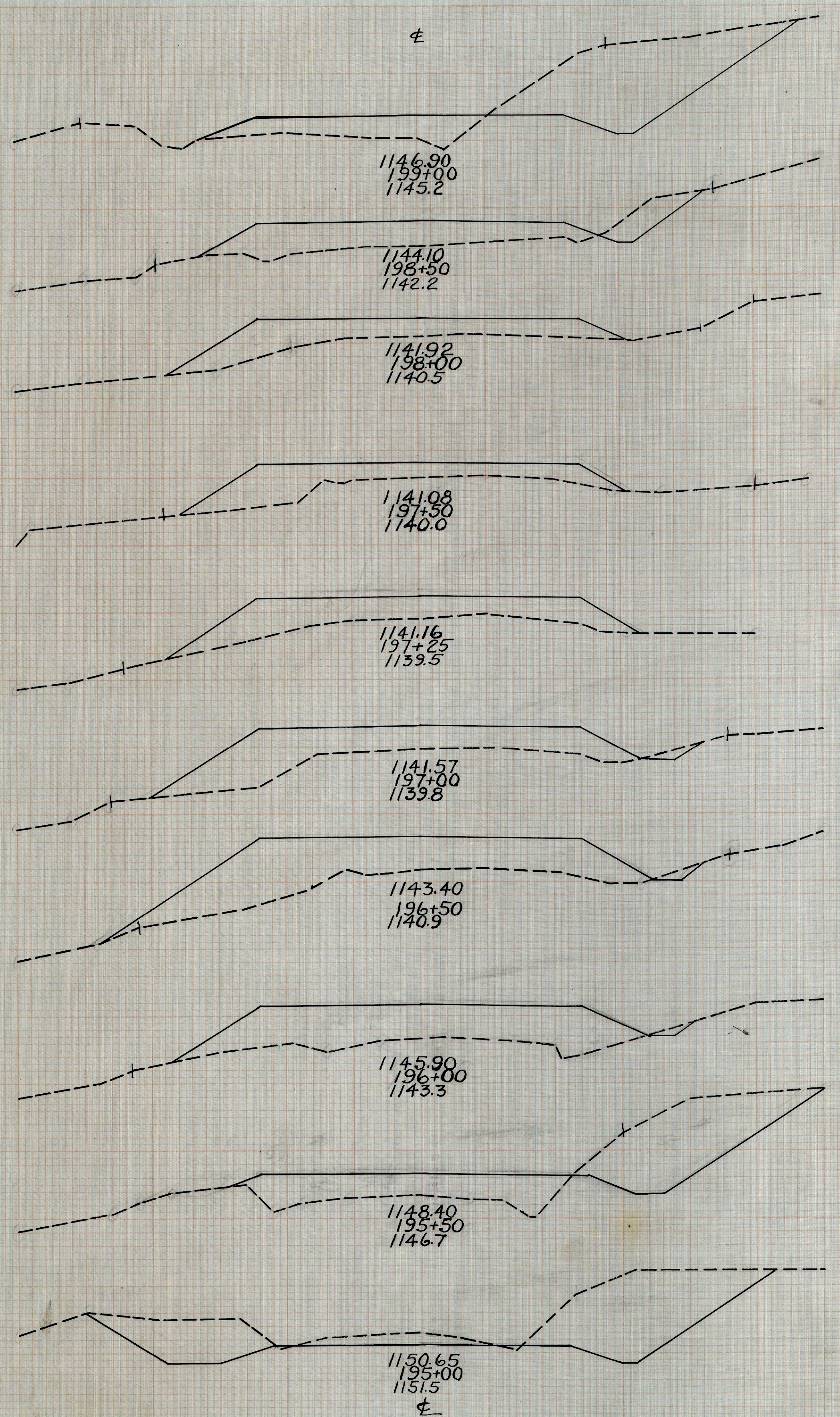
13  
16

End Area		Cu. yd.	
Cut	Fill	Cut	Fill
154	0		
		226	0
91	0		
		98	7
12	14		
		28	36
18	24		
		52	113
10	37		
		72	96
29	15		
		71	11
48	0		
		94	0
55	0		
		126	6
13	10		
		50	57
14	21		
		30	82
2	23		
		2	44

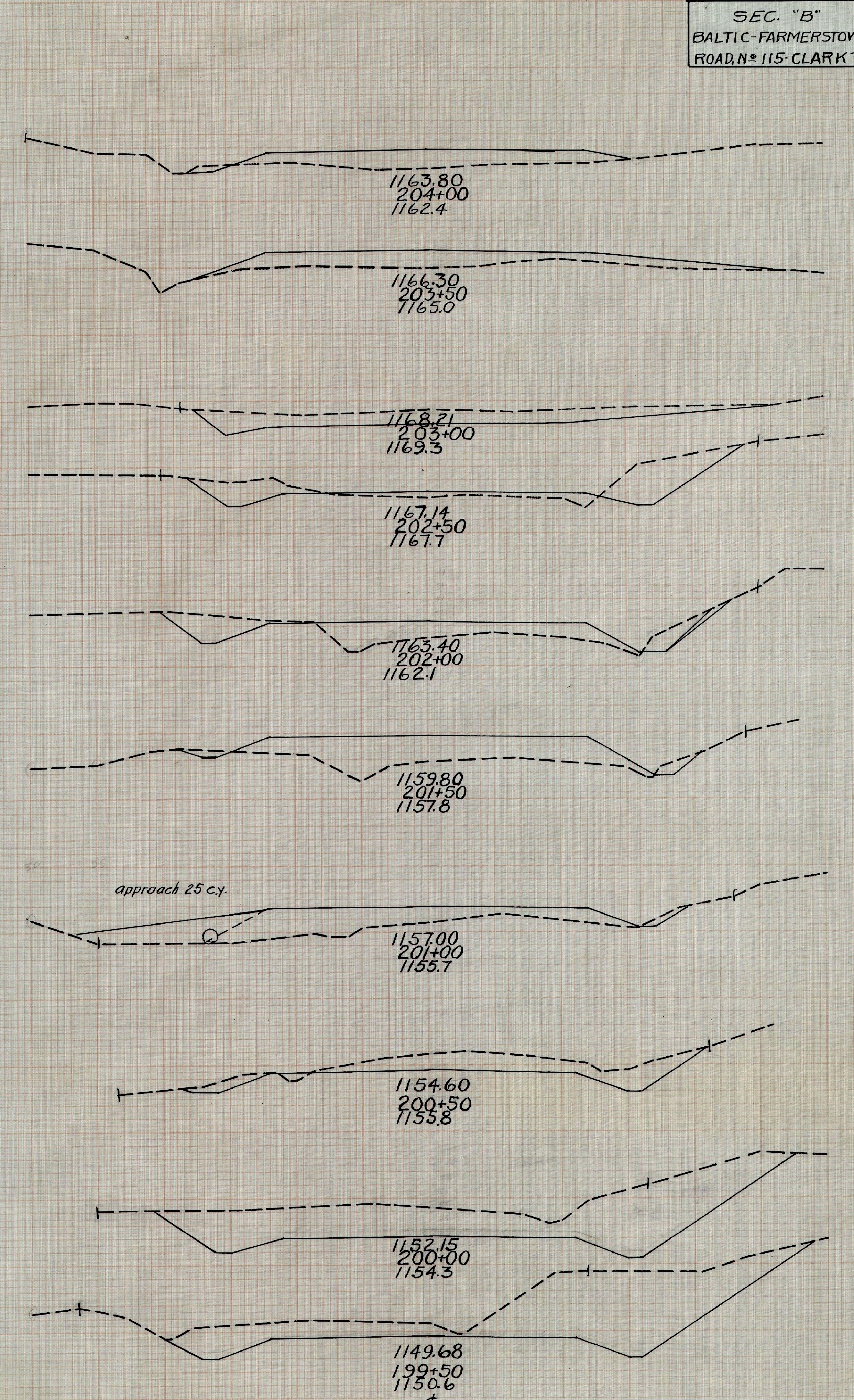




End Area		Cu. yds.	
Cut	Fill	Cut	Fill
80	31		
83	75		
9	50		
8	94		
0	52		
0	94		
0	49		
0	50		
0	58		
0	72		
0	72		
0	167		
1	108		
2	183		
1	90		
60	128		
63	48		
152	37		
101	0		
235	0		

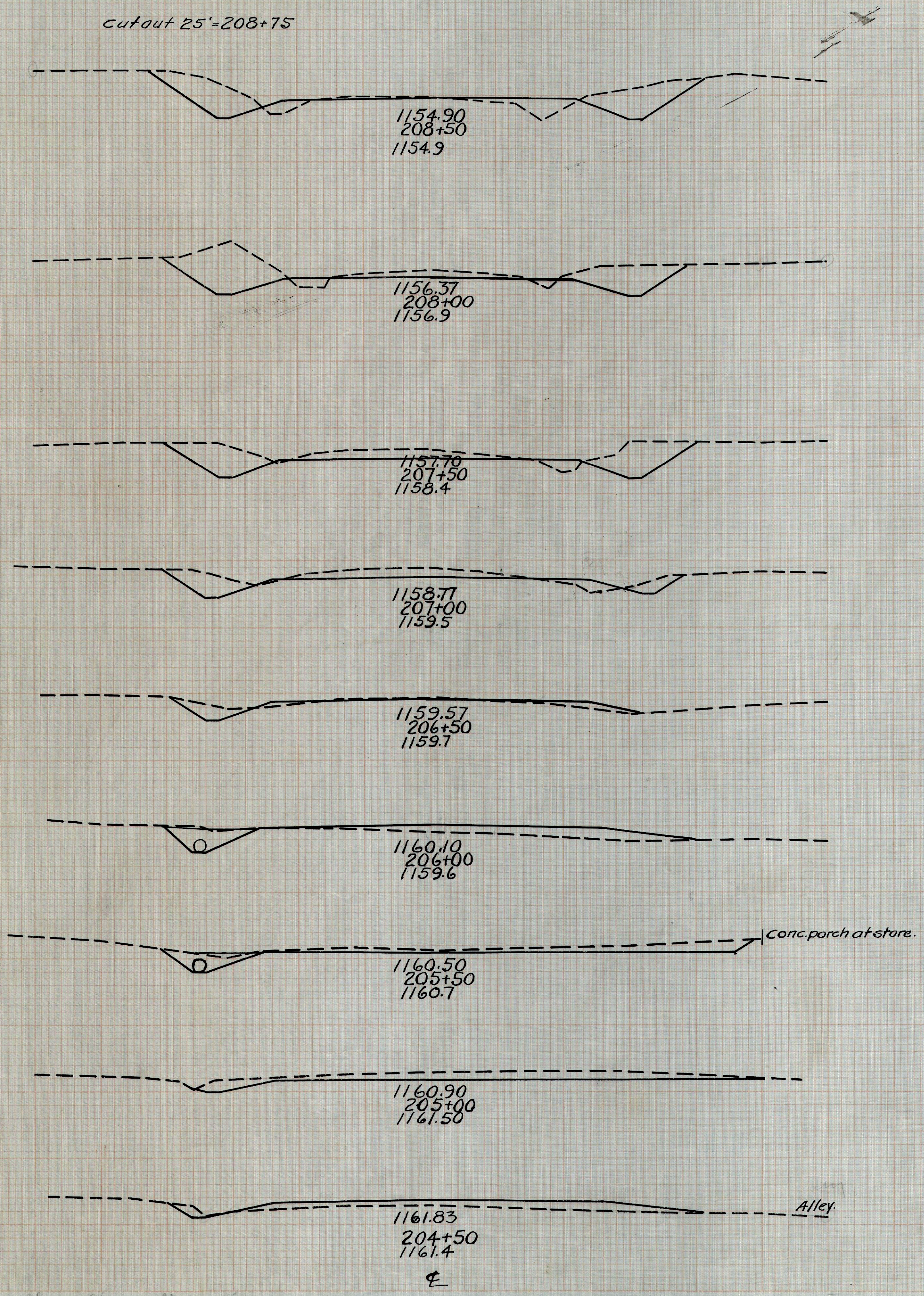


End Area		Cu. yds.	
Cut	Fill	Cut	Fill
1	31		
2	60		
0	35		
32	34		
36	0		
71	0		
28	6		
39	19		
15	15		
17	61		
3	50		
4	83		
APP	25		
1	40		
30	22		
32	1		
141	2		
120	0		
219	0		
117	0		
182	22		





End Area		Cu. yd.	
Cut	Fill	Cut	Fill
25	10	56	11
		Drives	15
36	2	65	4
35	2	33	6
20	3	22	8
4	4	4	19
0	16	13	15
15	0	34	0
20	0	19	13
1	15	2	43





## SUMMARY OF QUANTITIES

ITEM	ROADWAY	Quantity
R-1	Excavation	10745 Cu.Yds.
R-1	Channel excavation	
R-1	Clearing and grubbing right-of-way	one sum
R-3	Finishing shoulders, slopes & ditches both sides	11709.5 Lin.ft.
S-7	Vitrified sewer pipe for driveways 10"	Material Sec. 6.-7
S-7	" " " " " " " " " " 12"	" " " " "
S-7	" " " " " " " " " " 15"	" " " " "
S-8	Culvert pipe taken up & relaid 10" to 18"	
R-4	GUARD rail Type "E" See Plan	1524 " "
<u>PAVEMENT</u>		
T-2	# 46 Slag for pavement traffic bound in place	5200 Tons
T-2	# 46 " " Approaches	53 "
<u>CULVERTS</u>		
R-4	Excavation and refill	207 Cu.yds
R-4	Channel excavation	60 " "
S-1+S-2	Concrete 1:2:3½	Material Sec. 2-1 & Sec. 3-1 or 2
S-1+S-2	" " 1:2½:4	" " " " 2-1 & " 3-1 = 2
S-4	Reinforcing Steel	" " " " 7-1
S-1+S-2	Type D Concrete Railing	" " " " 2-1 & Sec. 3-1 or 2
S-8	Cast Iron pipe 12"	Sec. 6.
S-8	" " " 14"	" " " 6.
S-8	" " " 16"	" " " 6.
S-8	" " " 18"	" " " 6.
S-8	" " " 24"	" " " 6.

### GUARD RAIL

Sta.	side	Lin.ft.
123+60-126+56	Left	296
132+00-133+44	"	144
165+68-166+72	"	104
172+44-174+40	Right	196
177+44-178+64	Left	120
191+08-193+72	"	264
195+50-199+00	"	400
	Total	1524 ft.

### SLAG FOR APPROACHES

Sta.	side	Tons
92+50	Right	3
100+32	"	3
101+22	"	2
116+29	"	2
117+80	"	2
119+25	"	2
142+66	"	1
143+95	"	3
144+16	"	2
145+60	"	2
155+17	"	6
163+92	"	2
165+15	"	2
172+00	Left	3
173+60	"	2
193+50	Right	2
202+12	Left	2
204+50	"	2
205+10	"	2
206+55	"	2
207+95	Right	2
CROSS Rd. Farmerstown		4
	Total	53