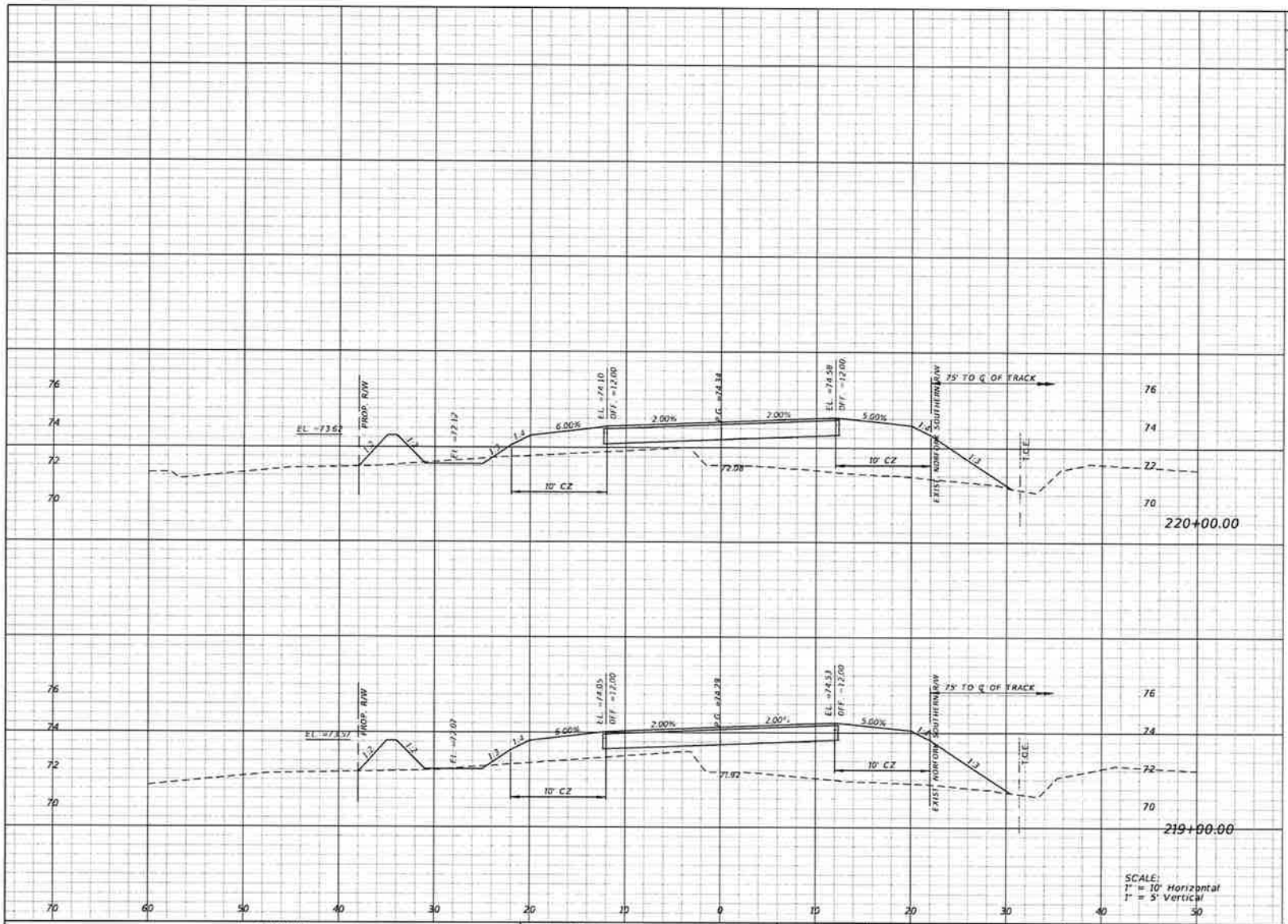

Regular Exc.		Embankment	
A	V	A	V
1.3		83.4	
	3		318
0.4		88.2	
	4		300

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 87

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Regular Exc.		Embankment	
A	V	A	V
0.2		83.5	
	2		307
1.0		82.4	
	4		307

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 88

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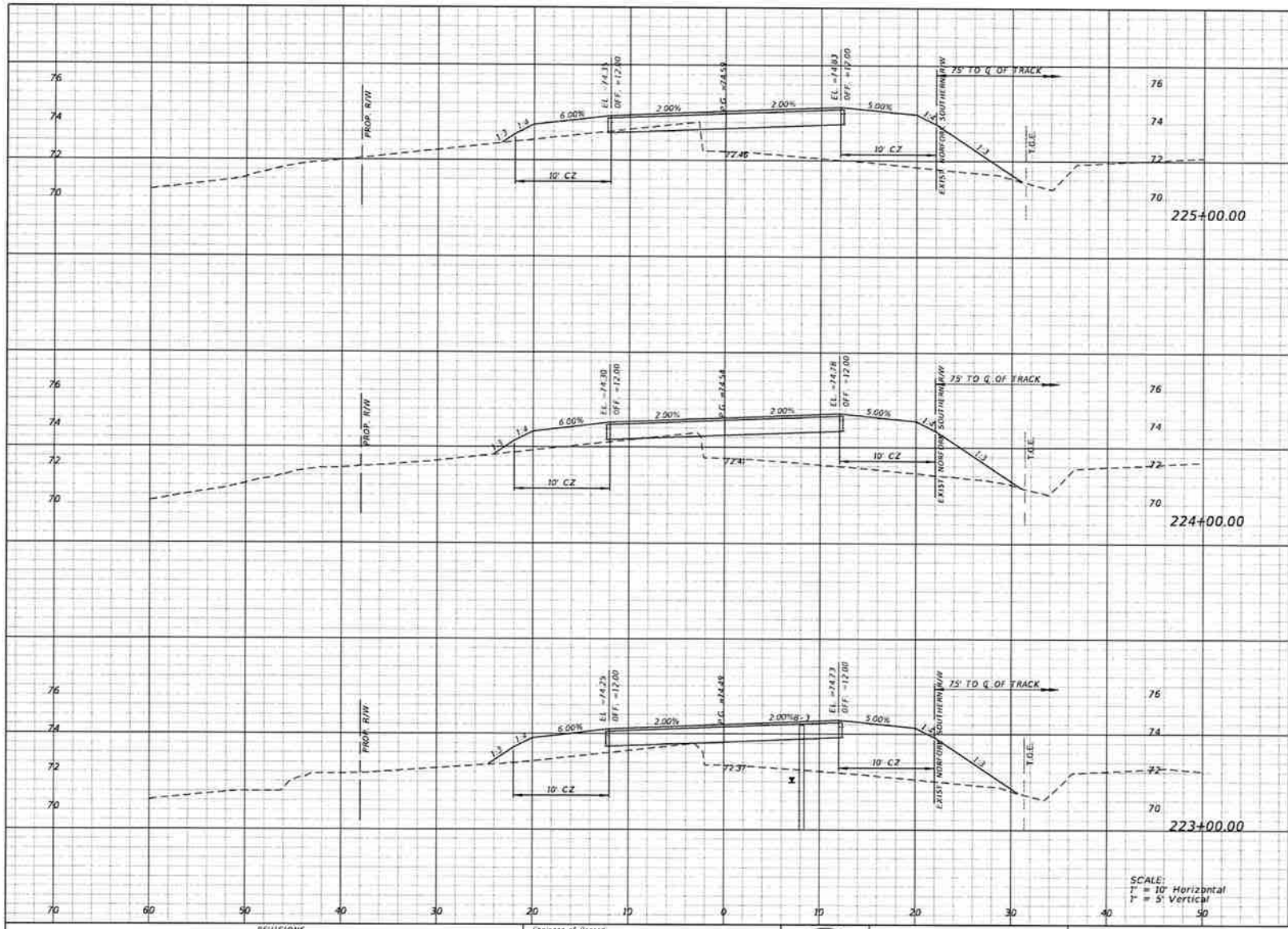

Regular Exc.		Embankment	
A	V	A	V
2.4		65.8	
	6		247
0.6		67.5	
	1		255
0.0		70.4	
	0		285

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 89

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Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
9.4	24	55.1	236
3.6	9	72.5	304
1.3	7	91.4	291

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 90

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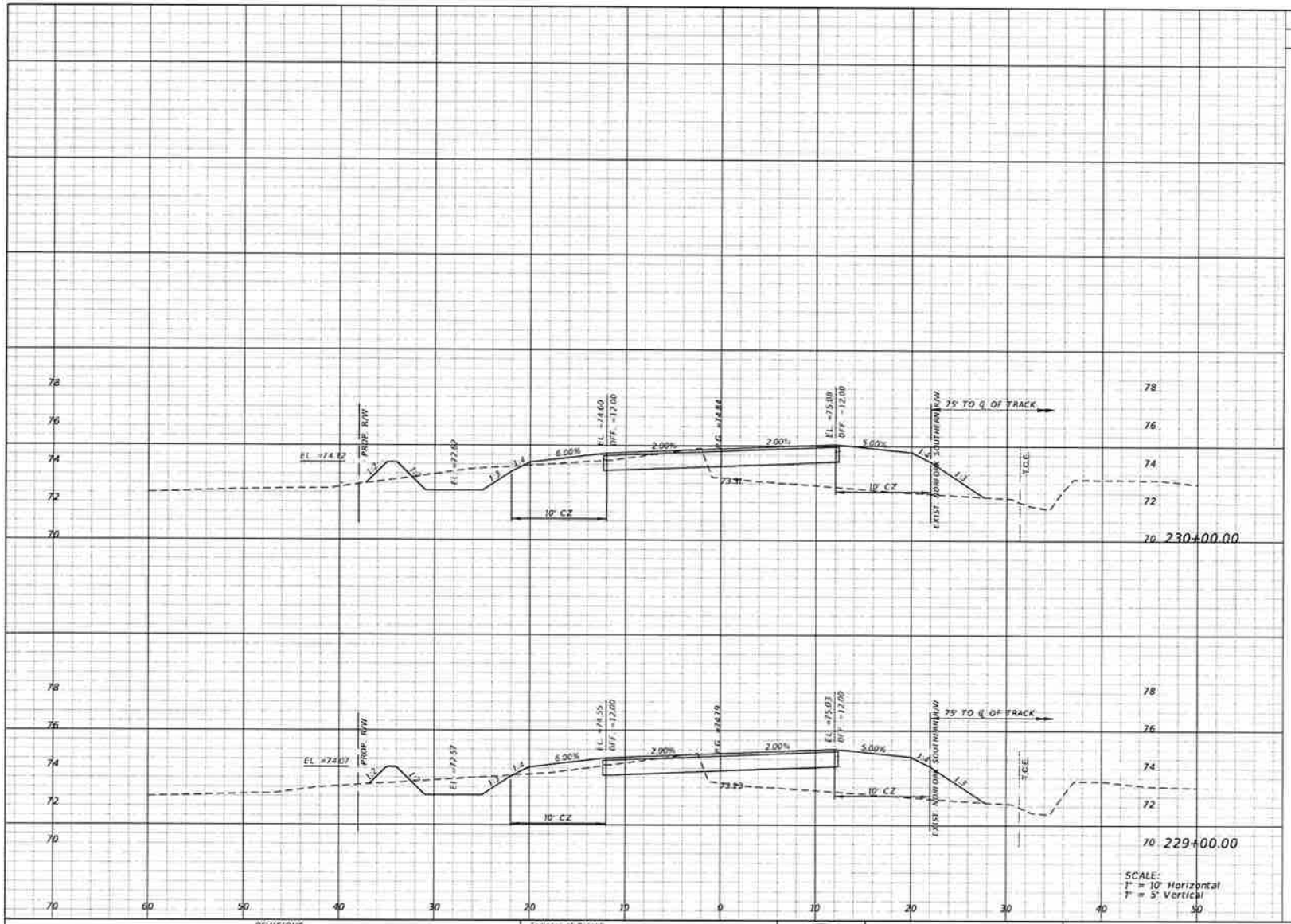

SCALE:
1" = 10' Horizontal
1" = 5' Vertical

Regular Exc.		Embankment	
A	V	A	V
17.3	61	45.5	171
15.4	46	46.8	189

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 91

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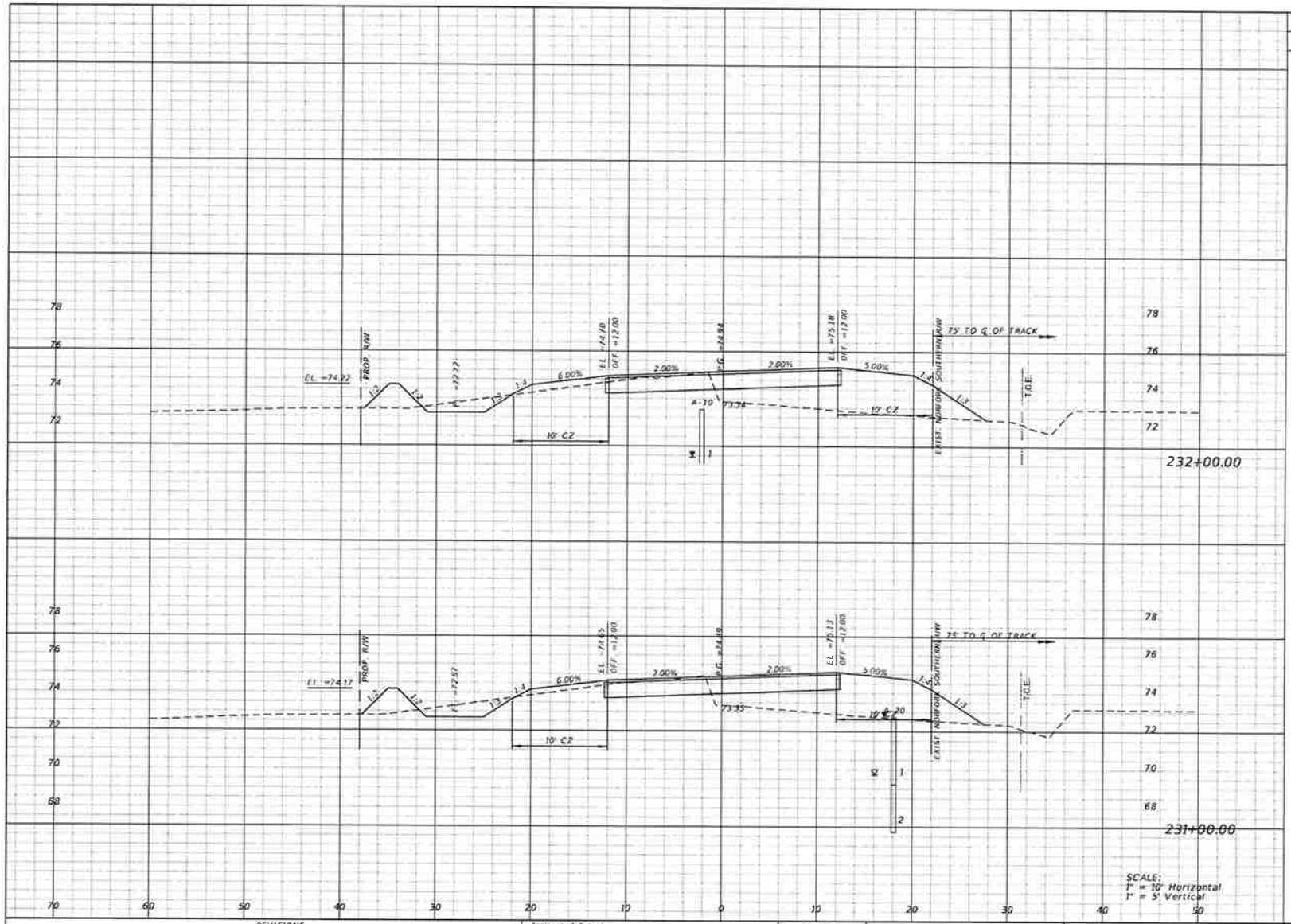

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
12.9	51	48.5	176
14.6	59	46.8	171

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 92

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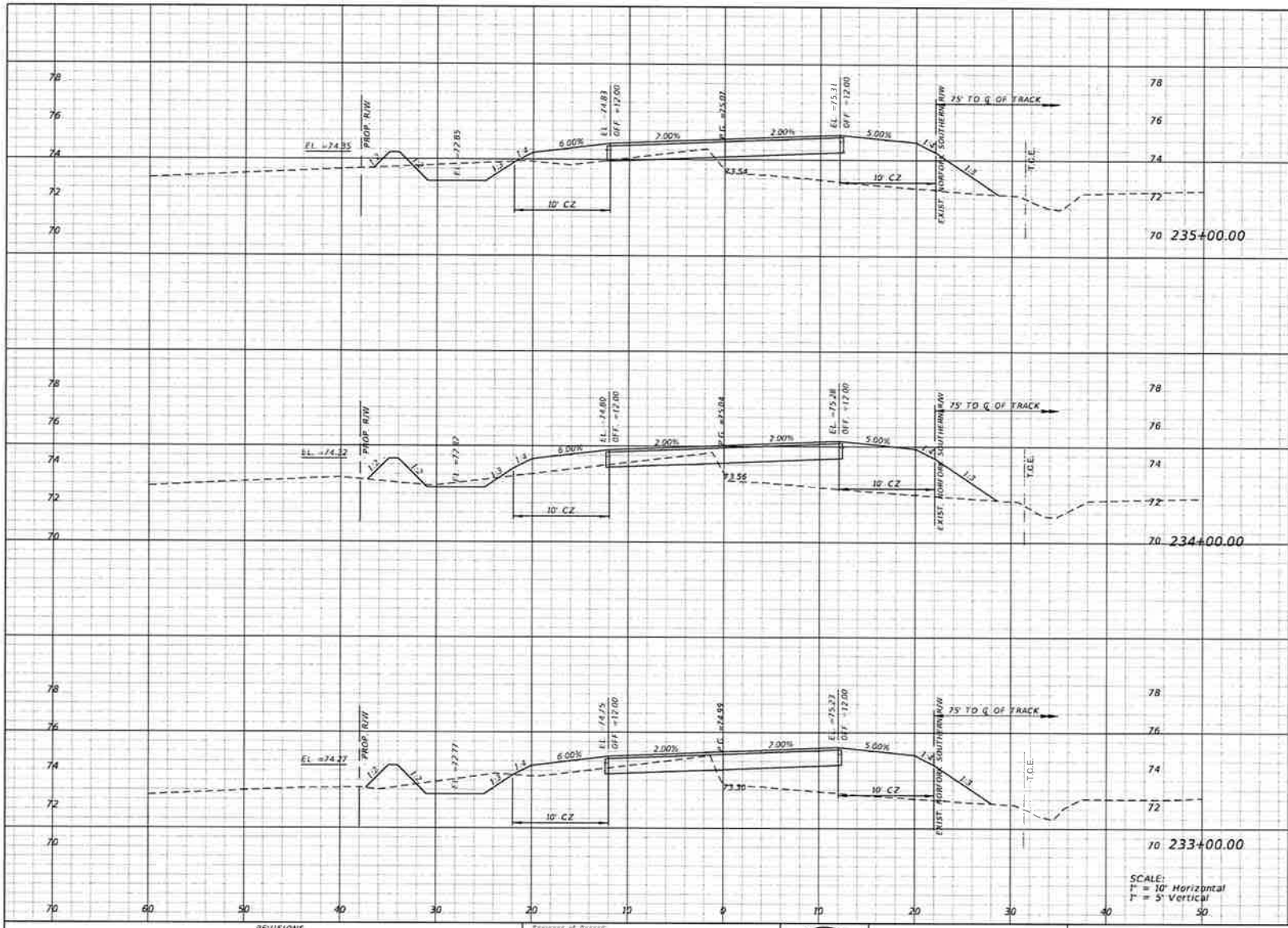

Regular Exc.		Embankment	
A	V	A	V
10.7		53.6	
	31		208
5.9		58.5	
	35		206
12.9		52.5	
	48		187

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 93

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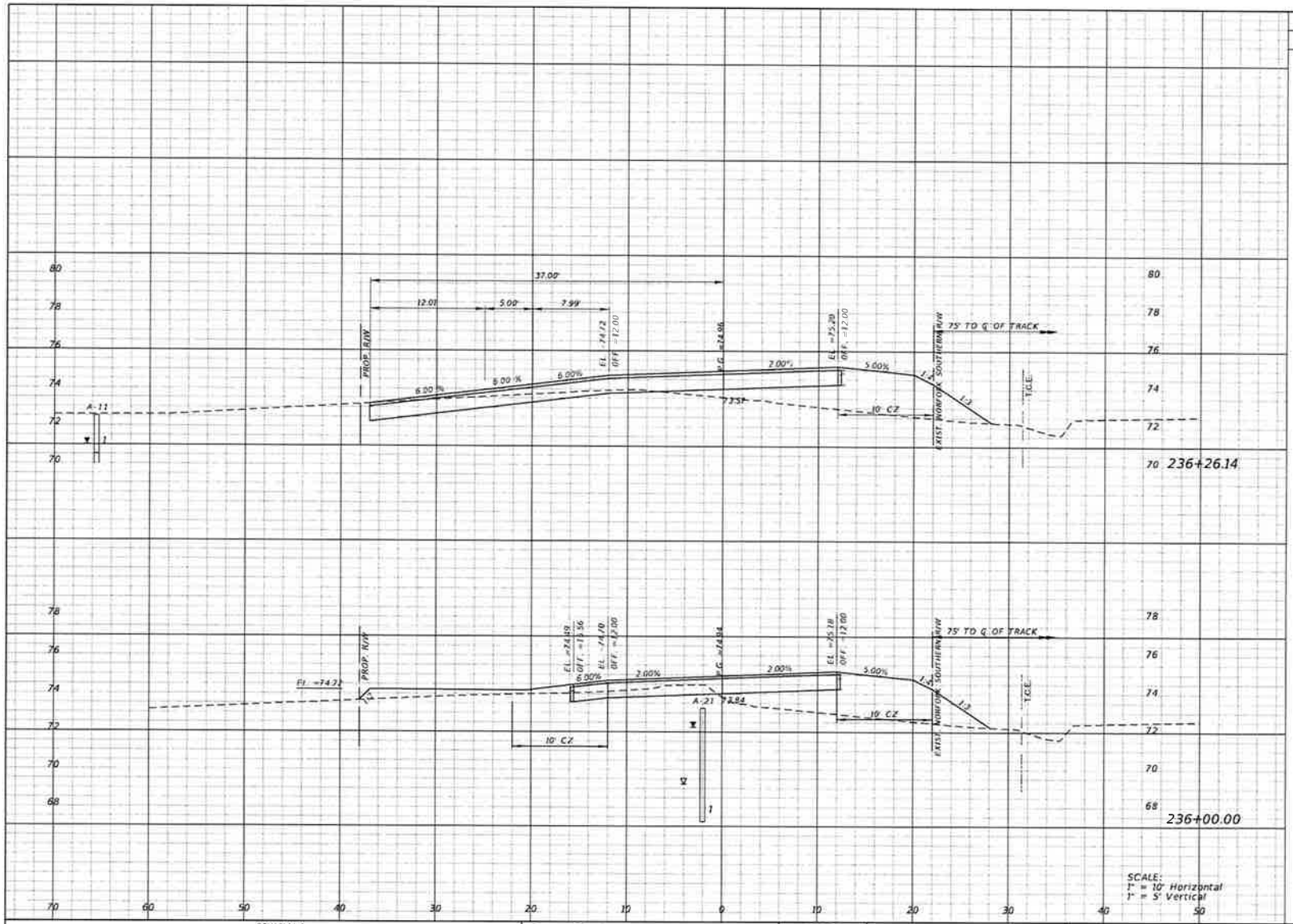

Regular Exc.		Embankment	
A	V	A	V
21.3	13	38.8	41
6.5	32	46.1	185

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD
CROSS SECTIONS

SHEET NO.
94

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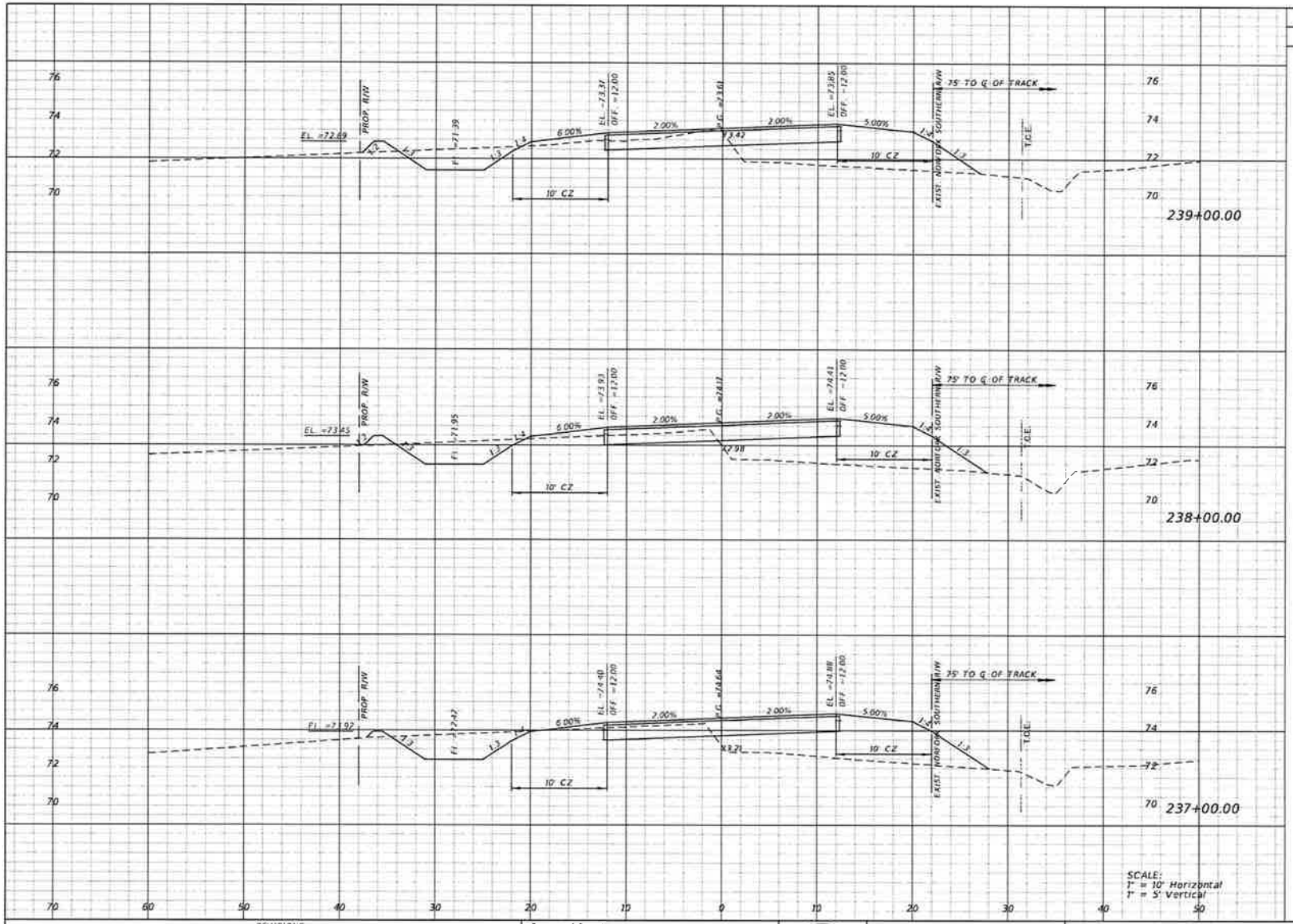

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
18.5	67	39.1	155
17.8	72	44.8	162
21.3	58	42.6	111

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD
CROSS SECTIONS

SHEET NO.
95

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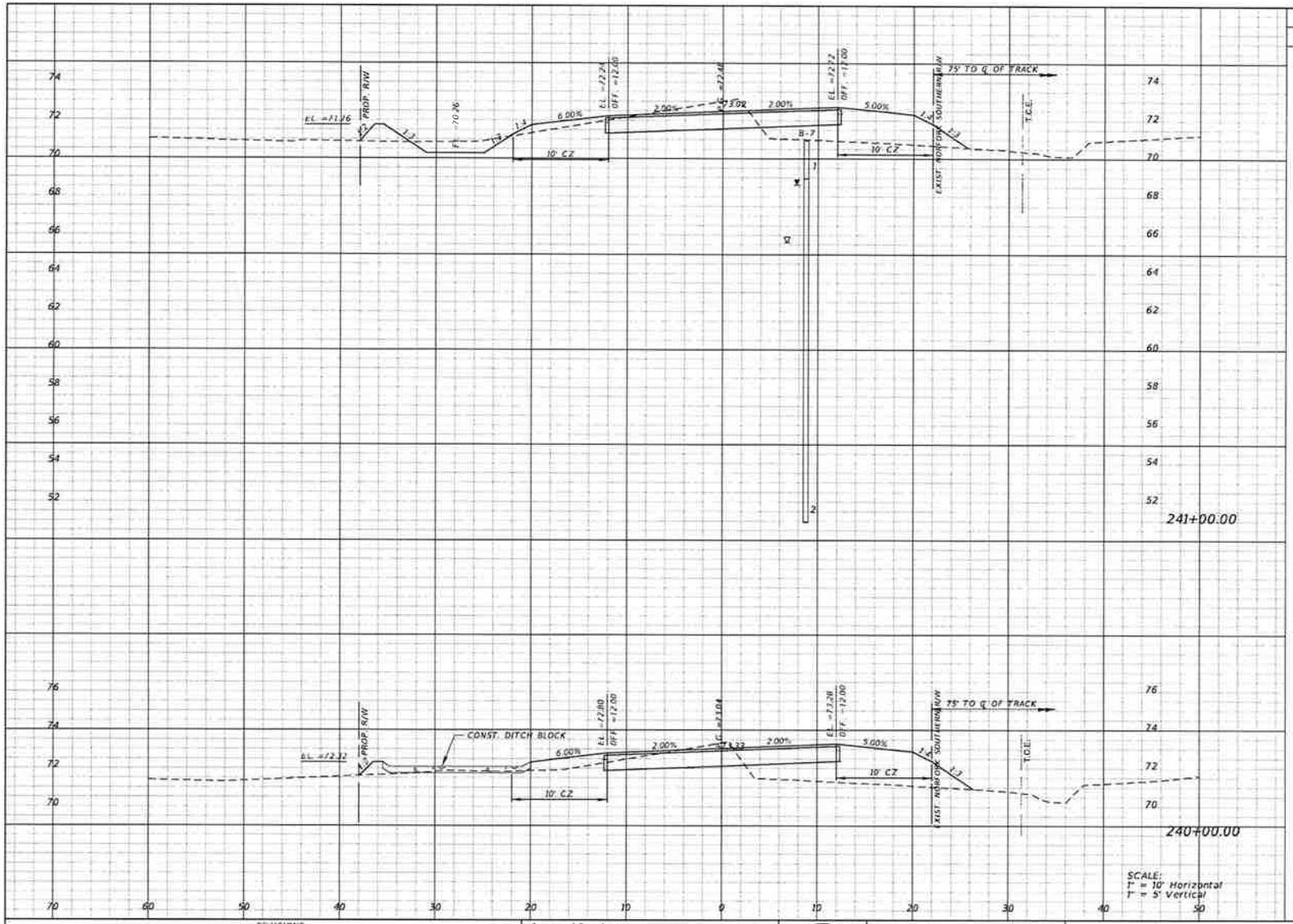

	Regular Exc.		Embankment	
	A	V	A	V
241+00.00	22.2	63	30.7	129
240+00.00	11.9	56	39.0	145

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 96

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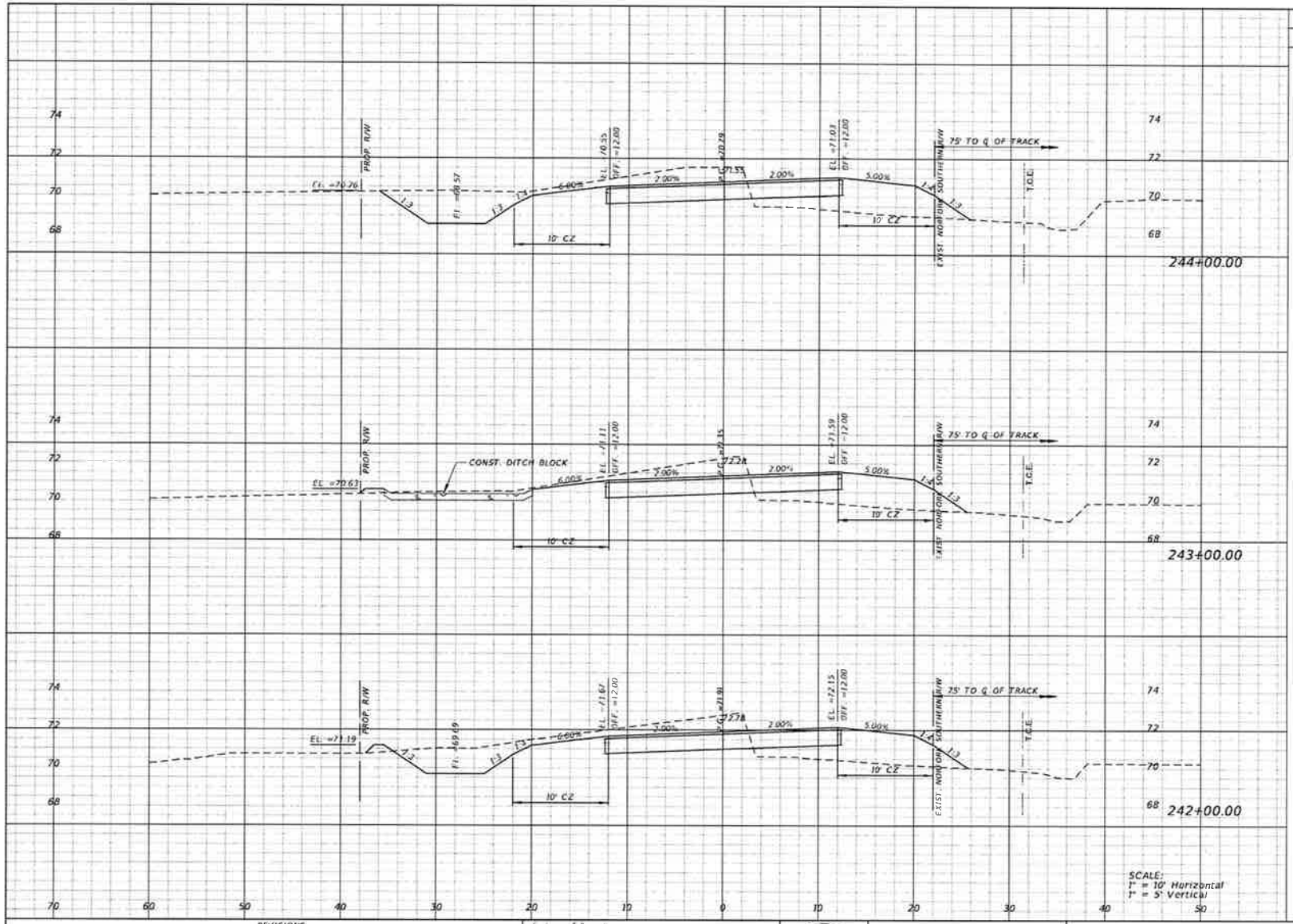

	Regular Exc.		Embankment	
	A	V	A	V
244+00.00	44.8	132	23.5	85
243+00.00	26.4	123	22.6	87
242+00.00	40.2	116	24.3	102

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 97

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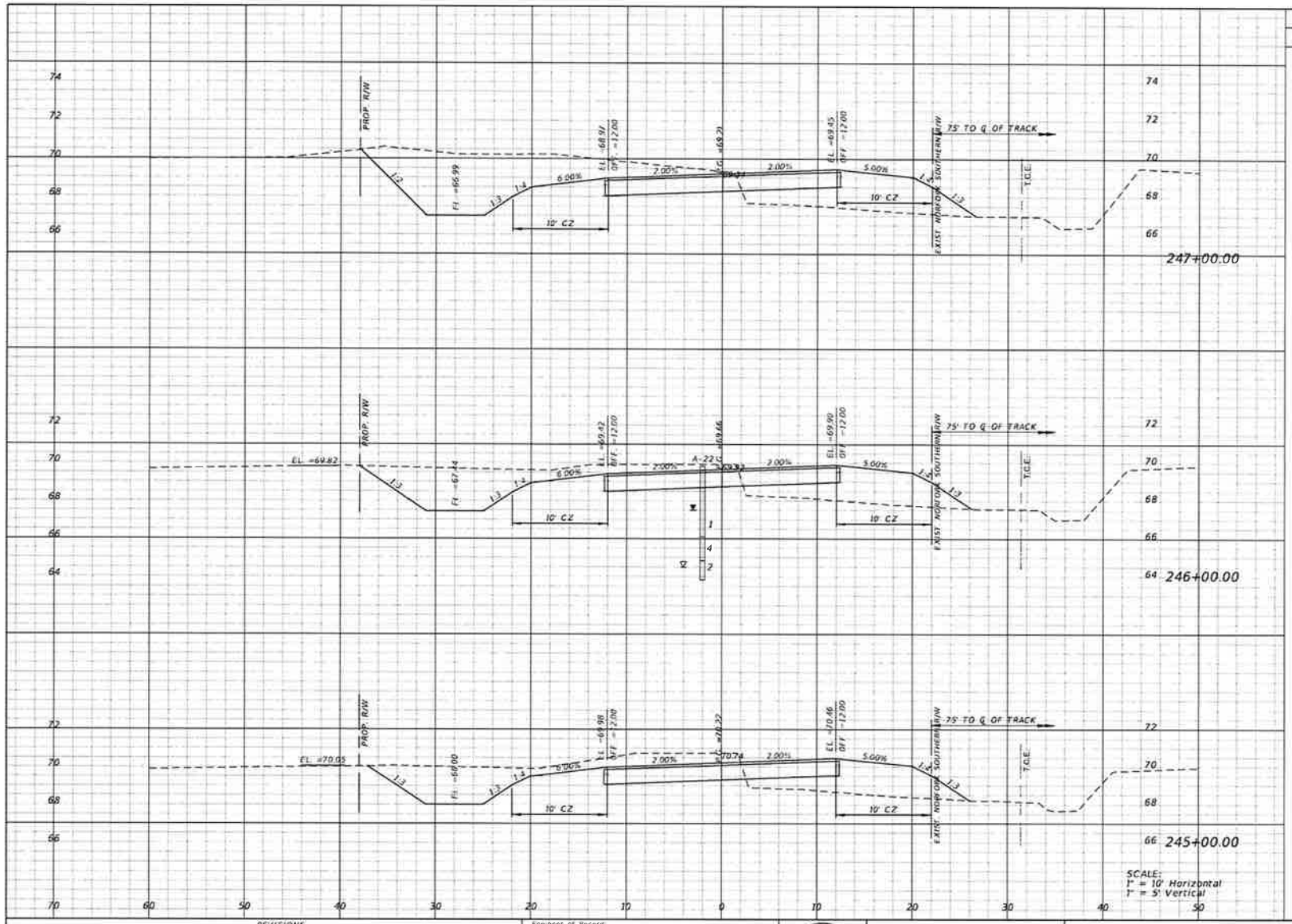

Regular Exc.		Embankment	
A	V	A	V
80.6		30.2	
	245		105
51.7		26.8	
	187		96
49.3		25.1	
	174		90

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 98

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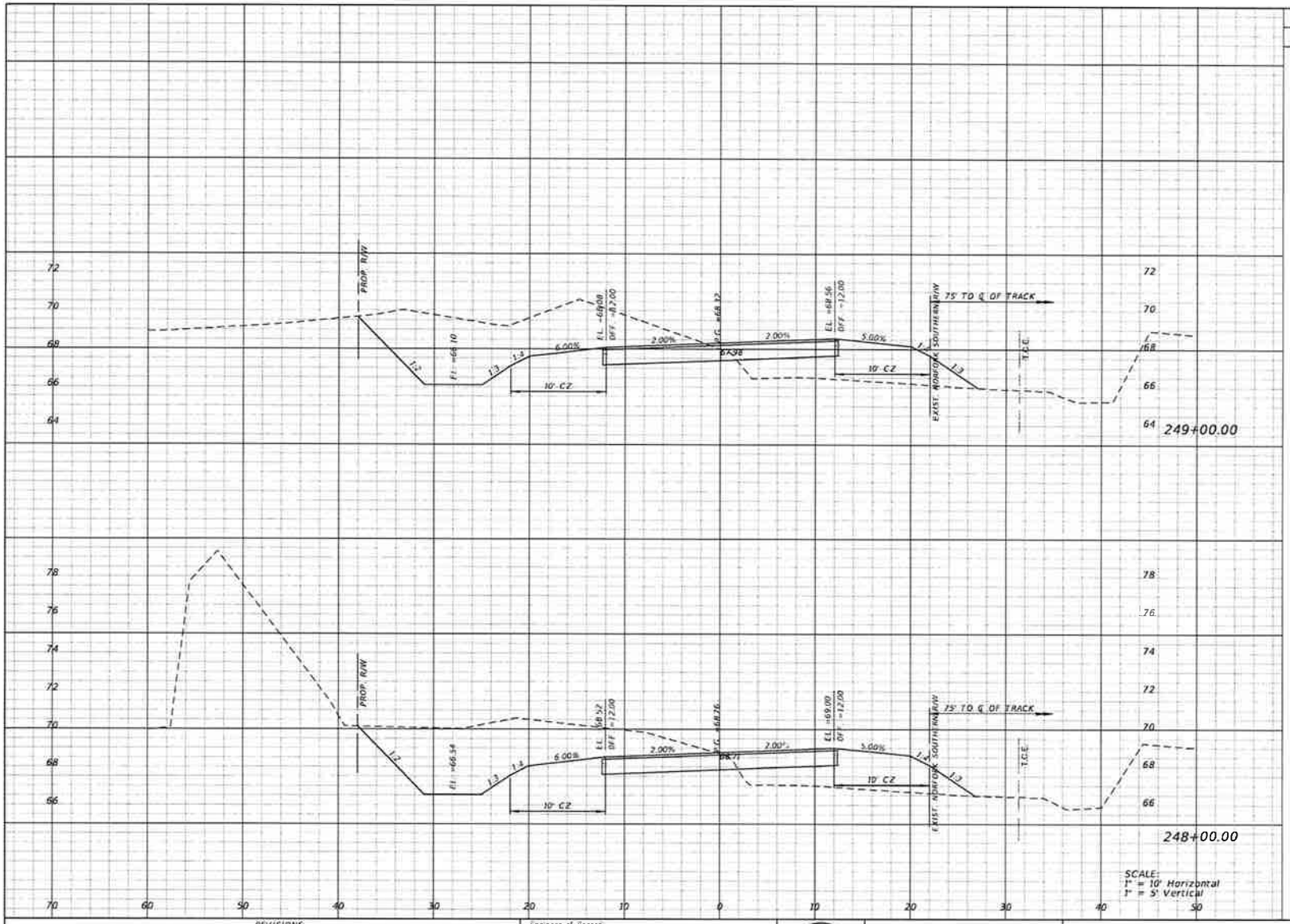

Regular Exc.		Embankment	
A	V	A	V
96.2		33.4	
	345		121
90.1		31.8	
	316		115

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 99

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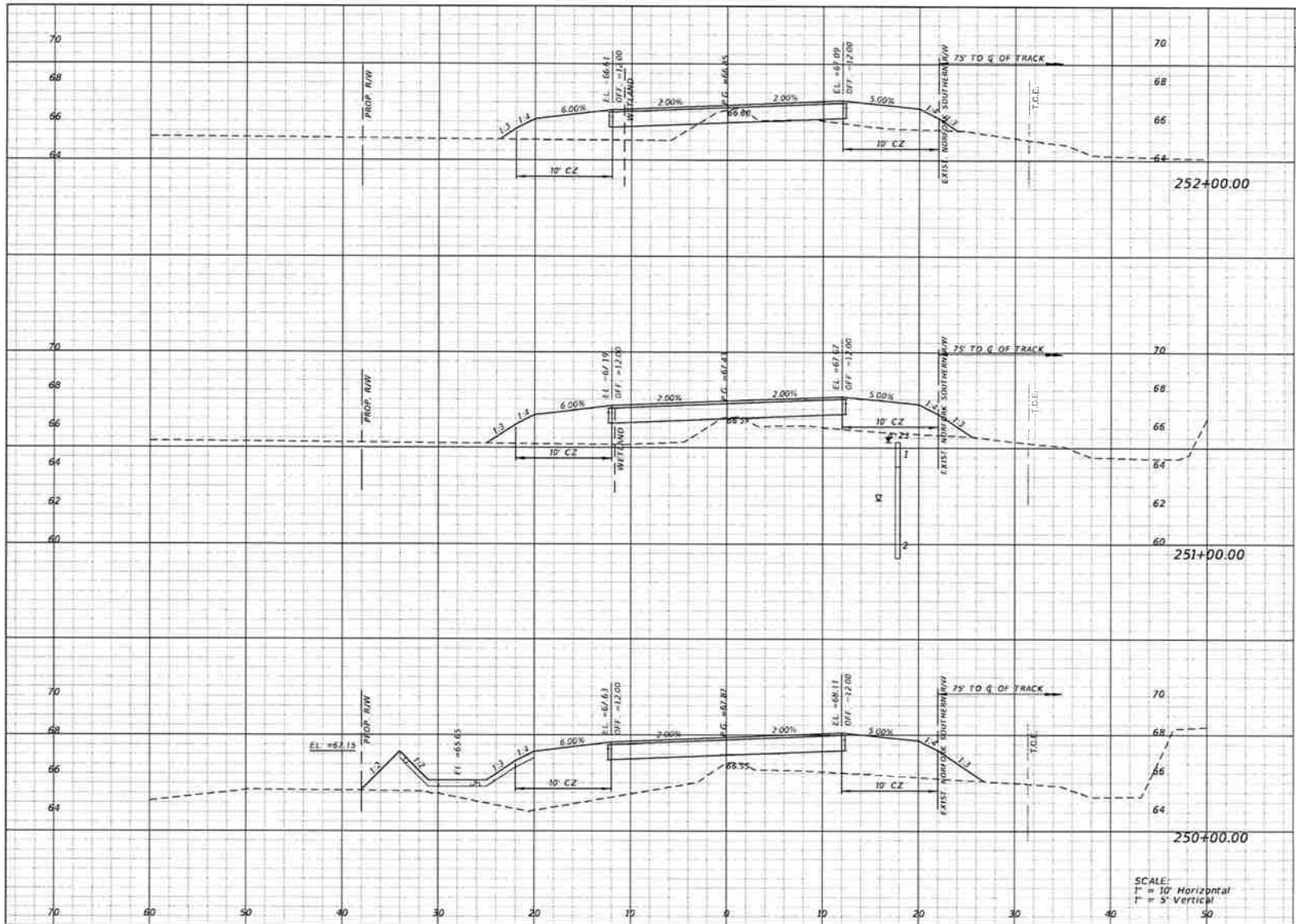

Regular Exc.		Embankment	
A	V	A	V
3.1		29.8	
	6		151
0.1		51.6	
	0		291
0.0		105.7	
	178		258

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 100

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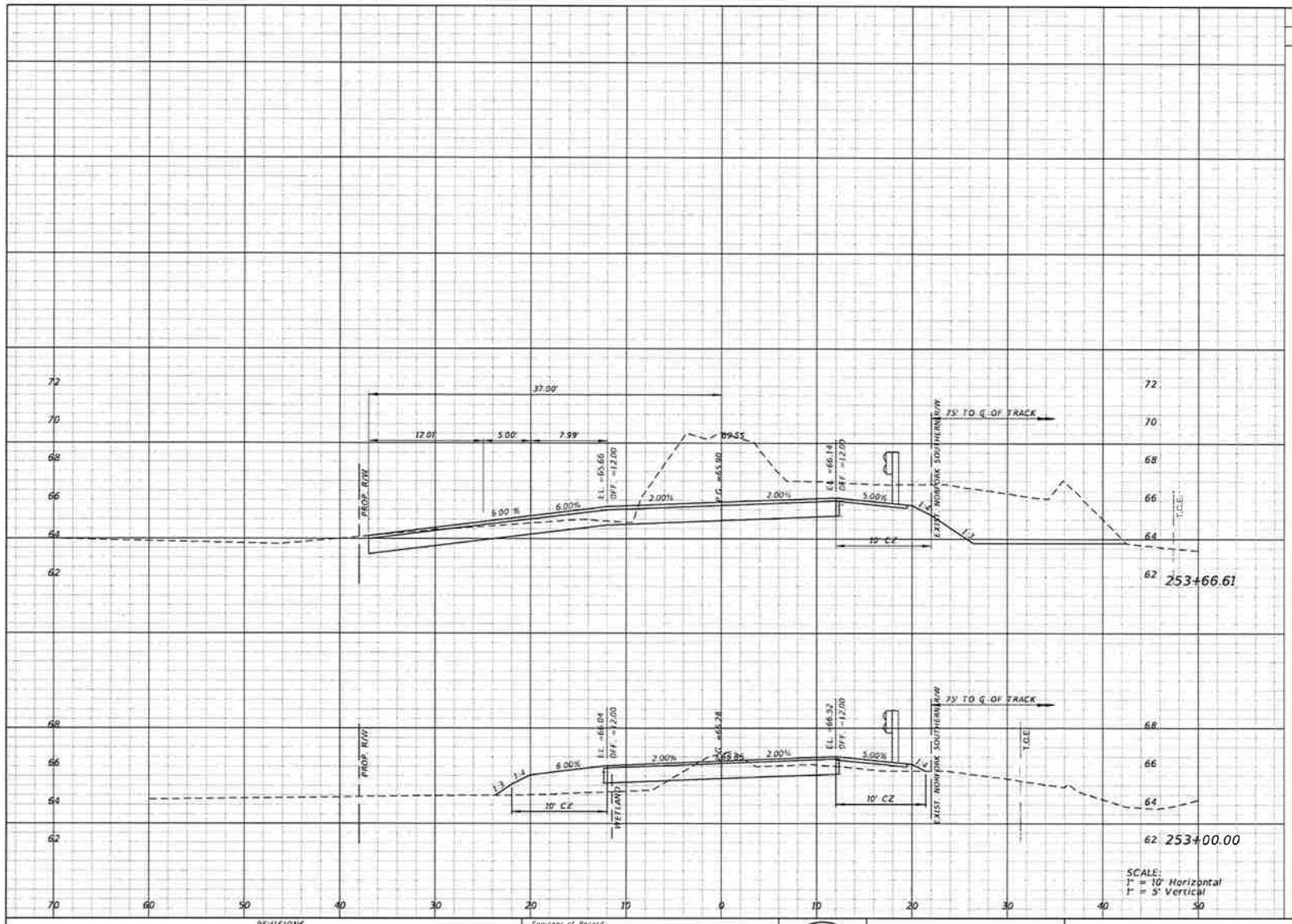

Regular Exc.		Embankment	
A	V	A	V
149.9		0.0	
	201		22
12.7		18.0	
	29		88

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 101

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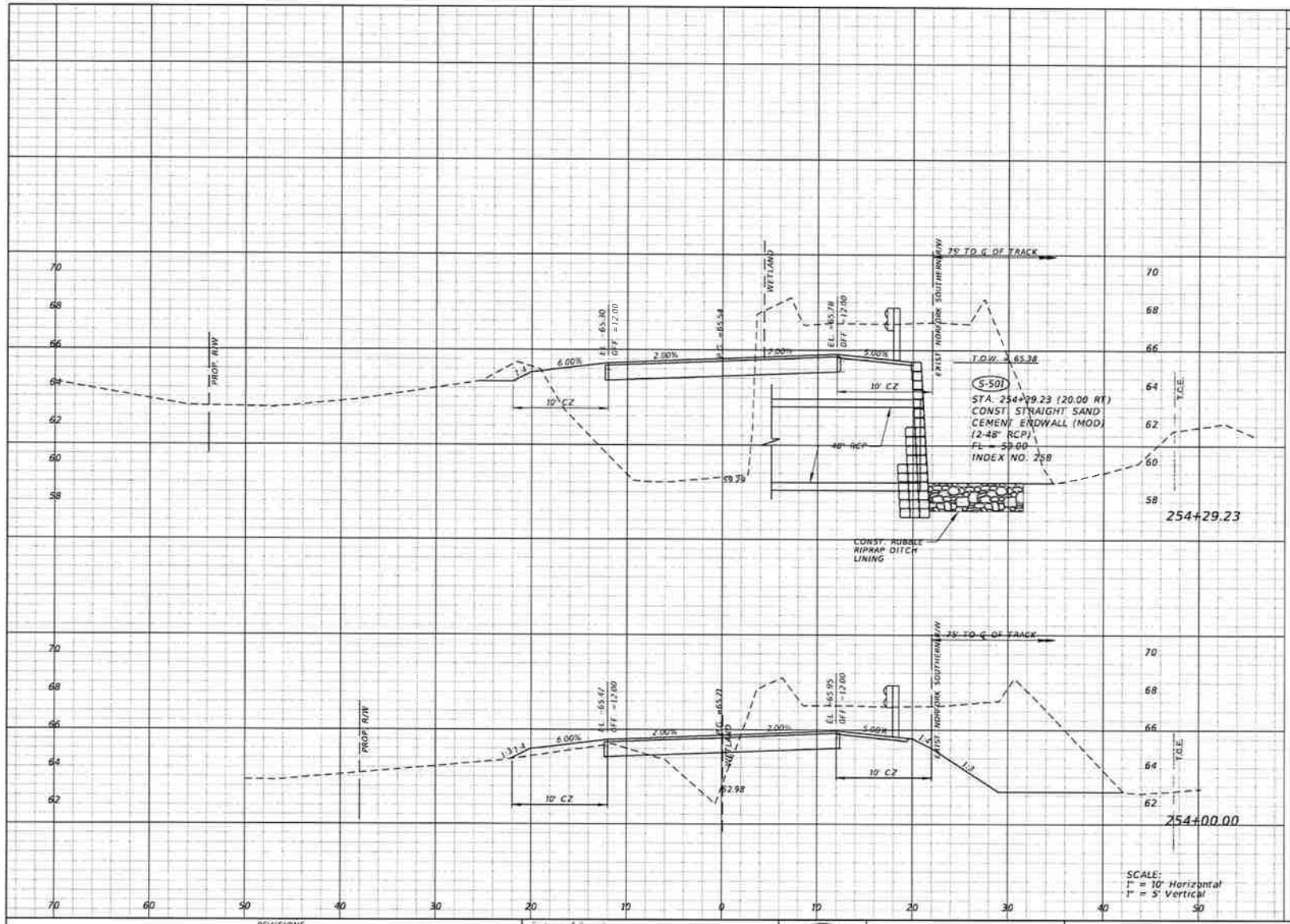

Regular Exc.		Embankment	
A	V	A	V
135.9		97.9	
	136		60
115.0		13.8	
	164		9

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY
ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
102

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Paul
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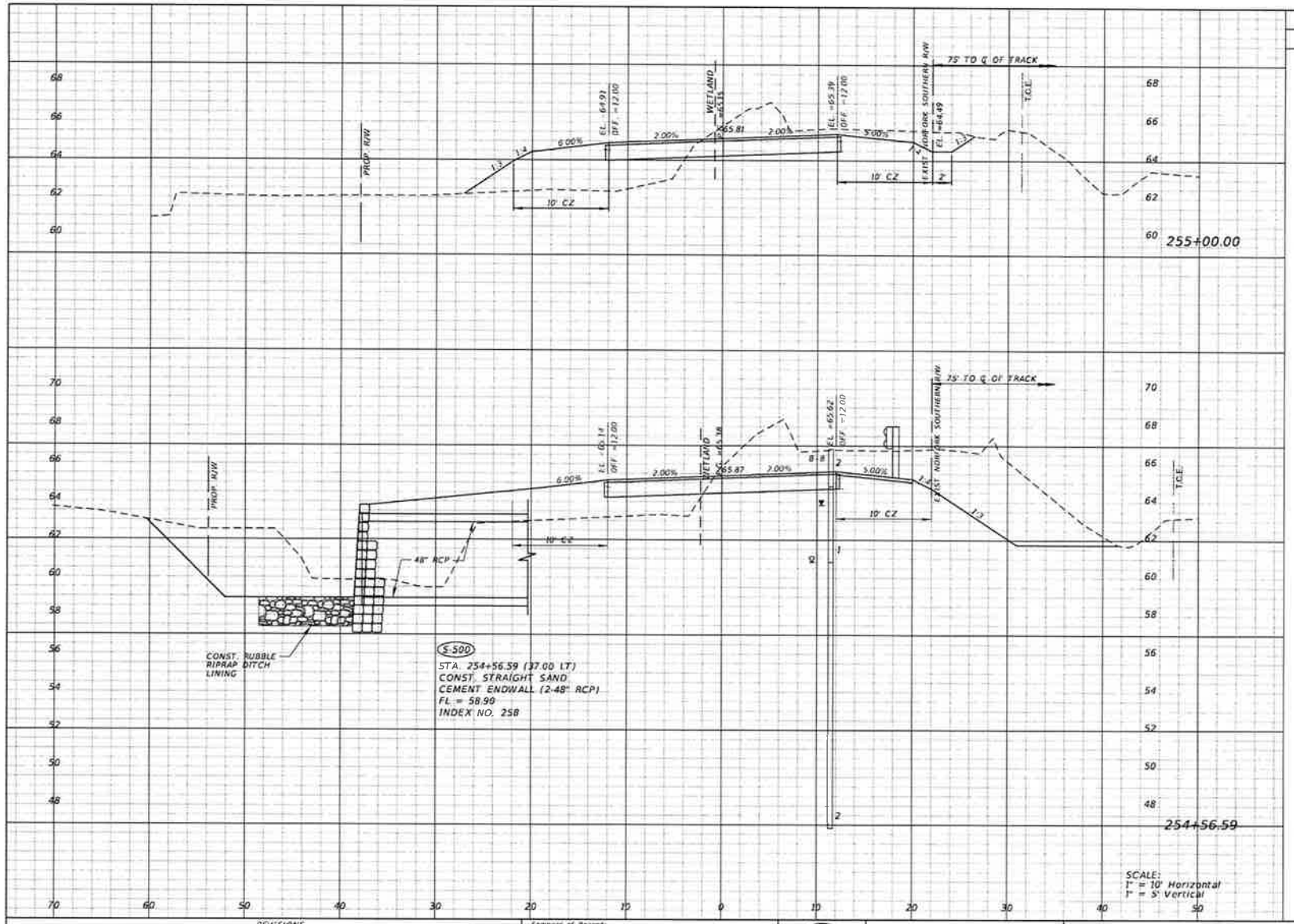

	Regular Exc.		Embankment	
	A	V	A	V
255+00.00	33.9	139	35.8	95
254+56.59	139.5	139	82.8	92

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 103

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

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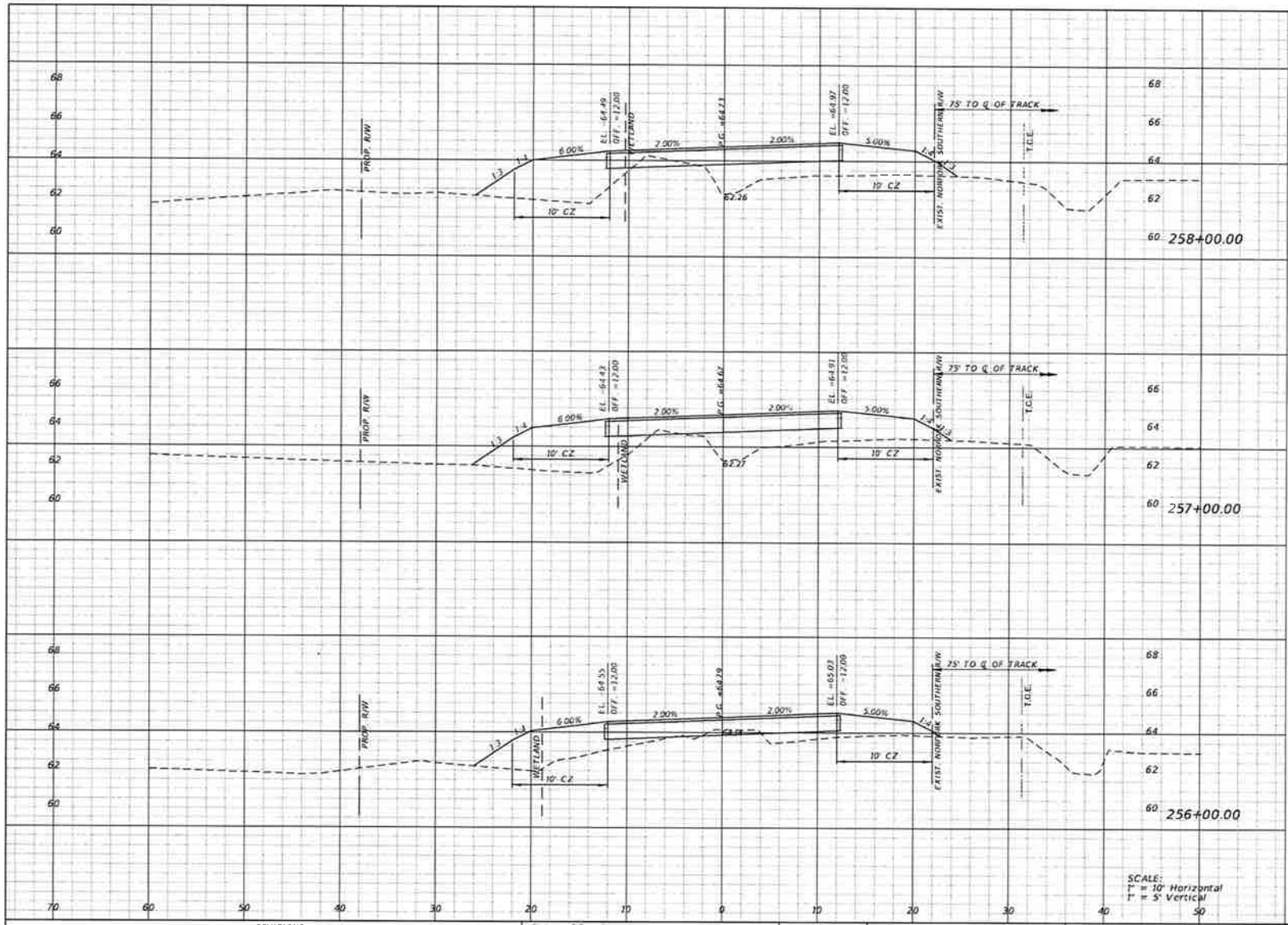

Regular Exc.		Embankment	
A	V	A	V
2.2		53.8	
	5		204
0.4		56.4	
	3		167
1.4		34.0	
	65		129

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 104

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Drainage\Sheet 40_Phase II\RDSR204.DGN

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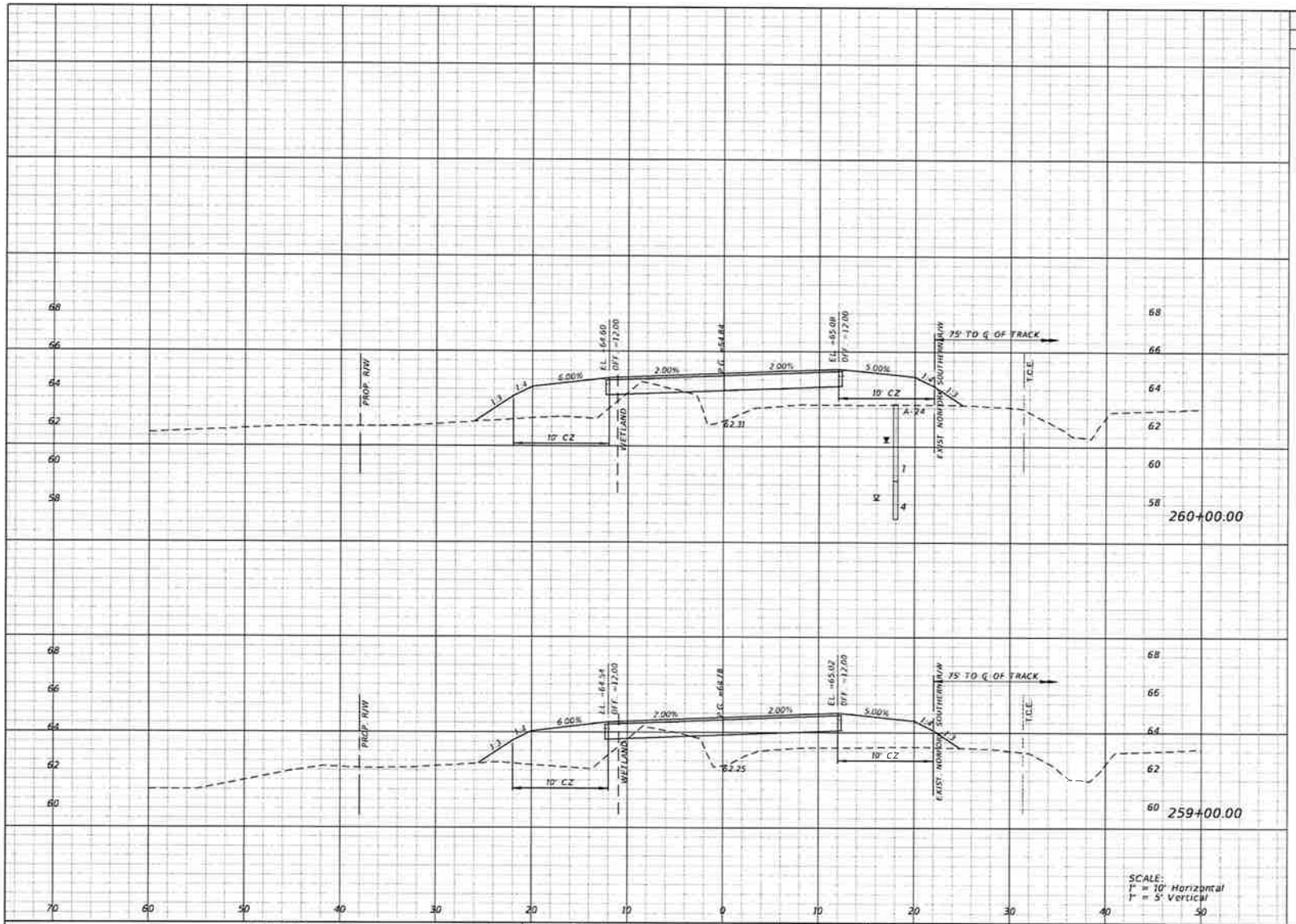

Regular Exc.		Embankment	
A	V	A	V
2.0		54.1	
	8		198
2.1		52.9	
	8		197

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record

EltonAlan
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Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 105

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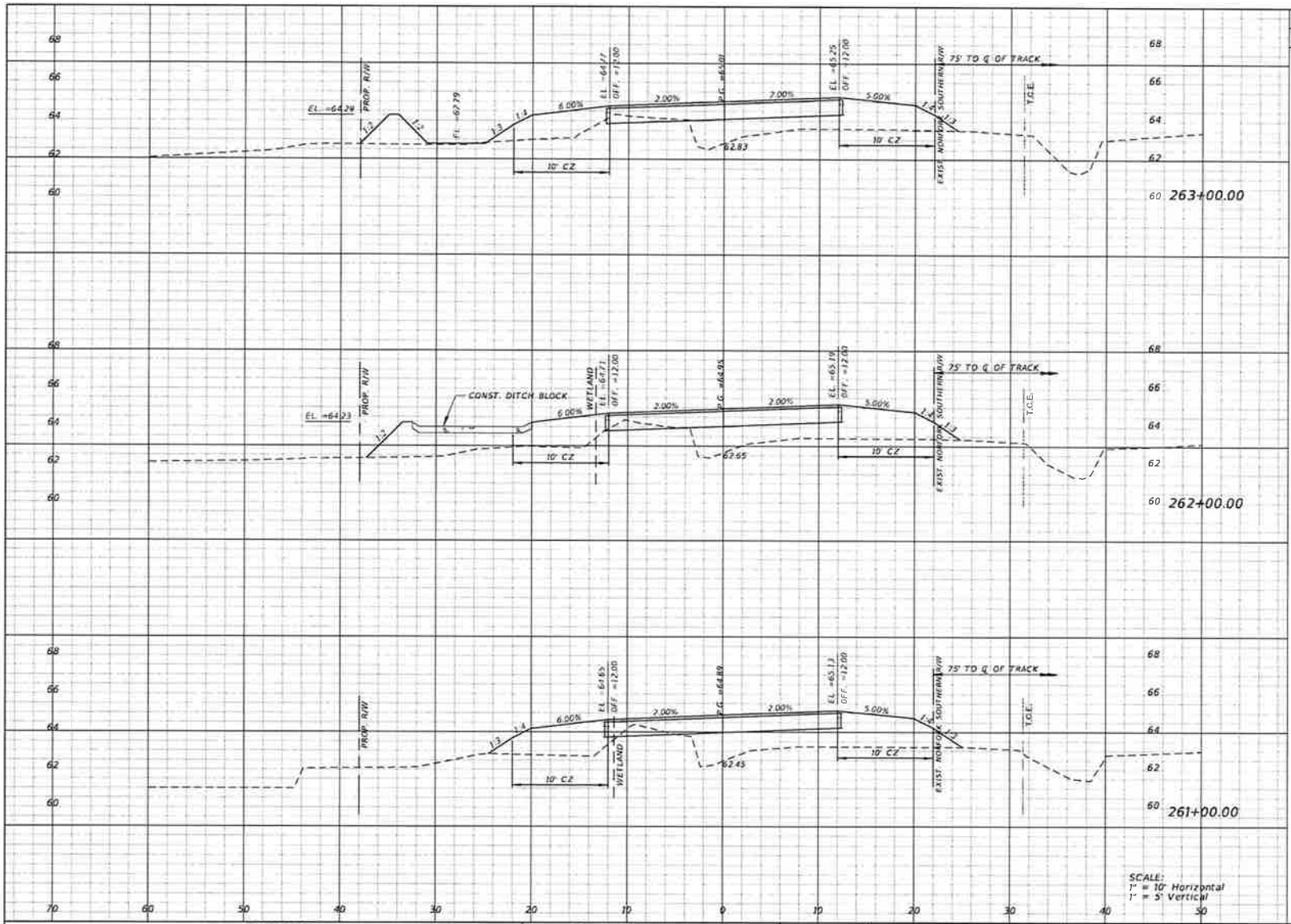

	Regular Exc.		Embankment	
	A	V	A	V
263+00.00	2.2	8	52.0	228
262+00.00	2.0	7	71.0	226
261+00.00	1.9	7	51.0	195

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 106

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Regular Exc.		Embankment	
A	V	A	V
4.2		49.6	
	14		187
3.5		51.4	
	12		193
2.8		52.8	
	9		194

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 107

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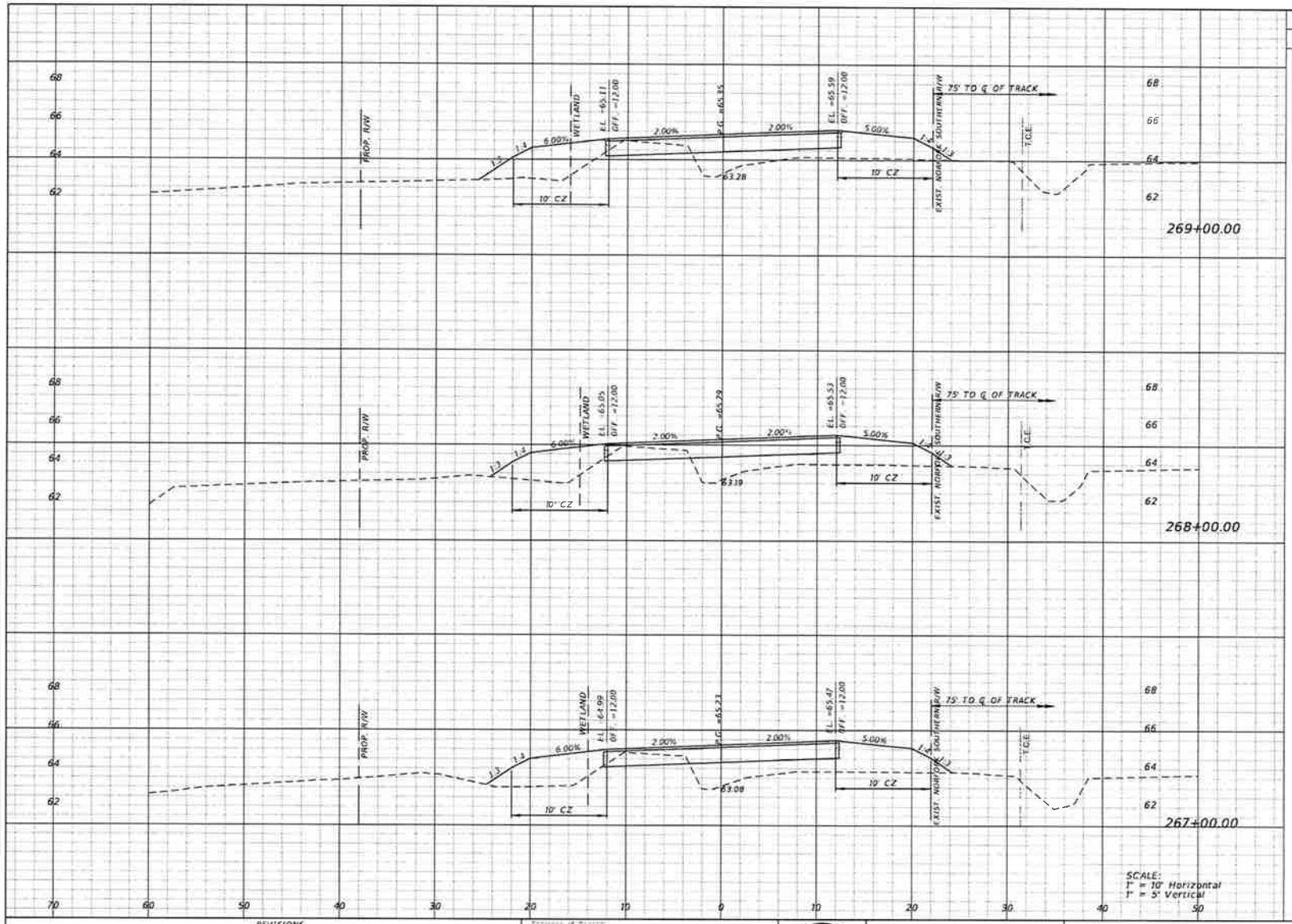

	Regular Exc.		Embankment	
	A	V	A	V
269+00.00	5.0	18	39.5	146
268+00.00	4.9	18	39.5	151
267+00.00	4.6	16	42.0	170

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
108

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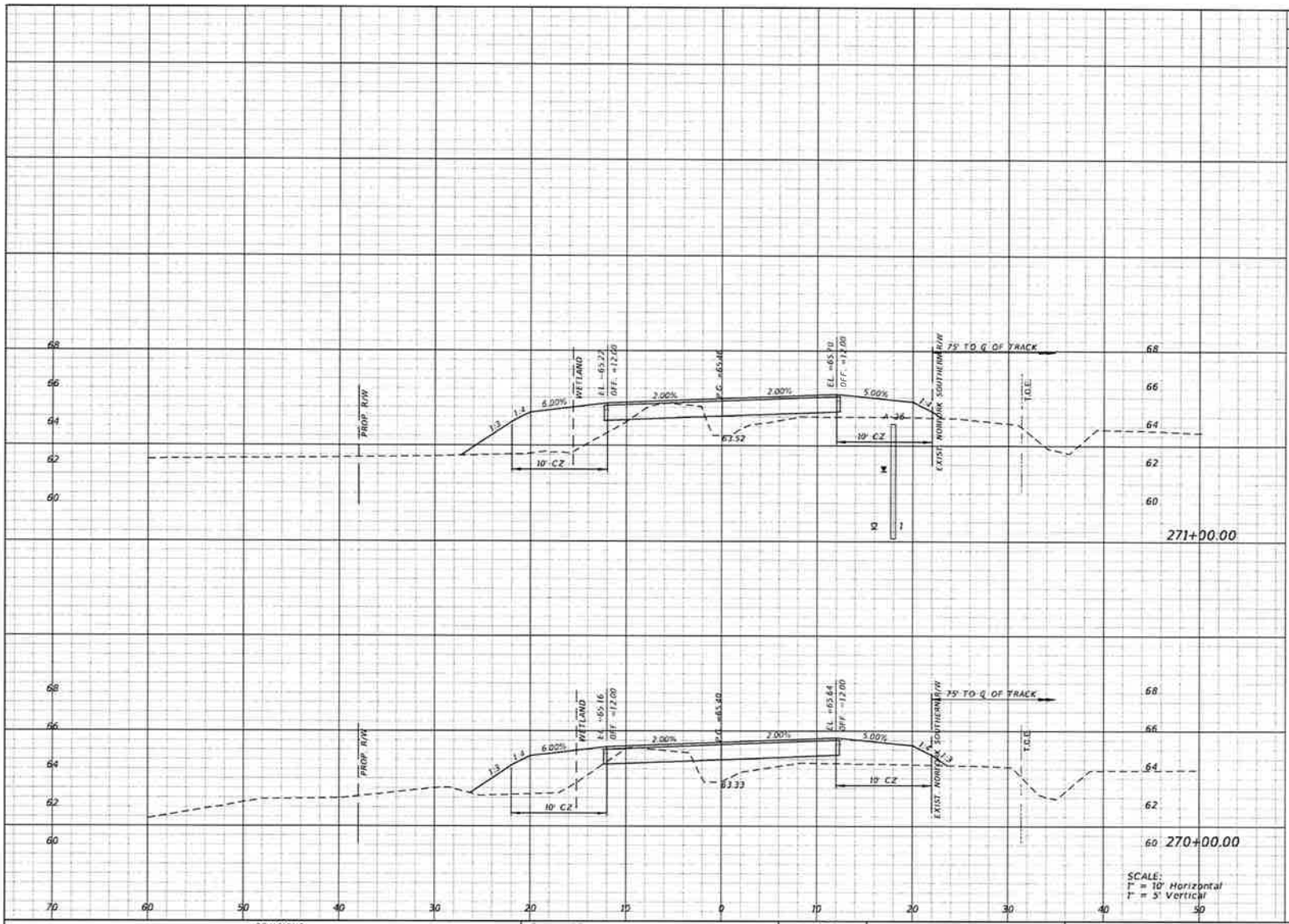

Regular Exc.		Embankment	
A	V	A	V
4.6	18	41.5	152
5.3	19	40.6	148

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 109

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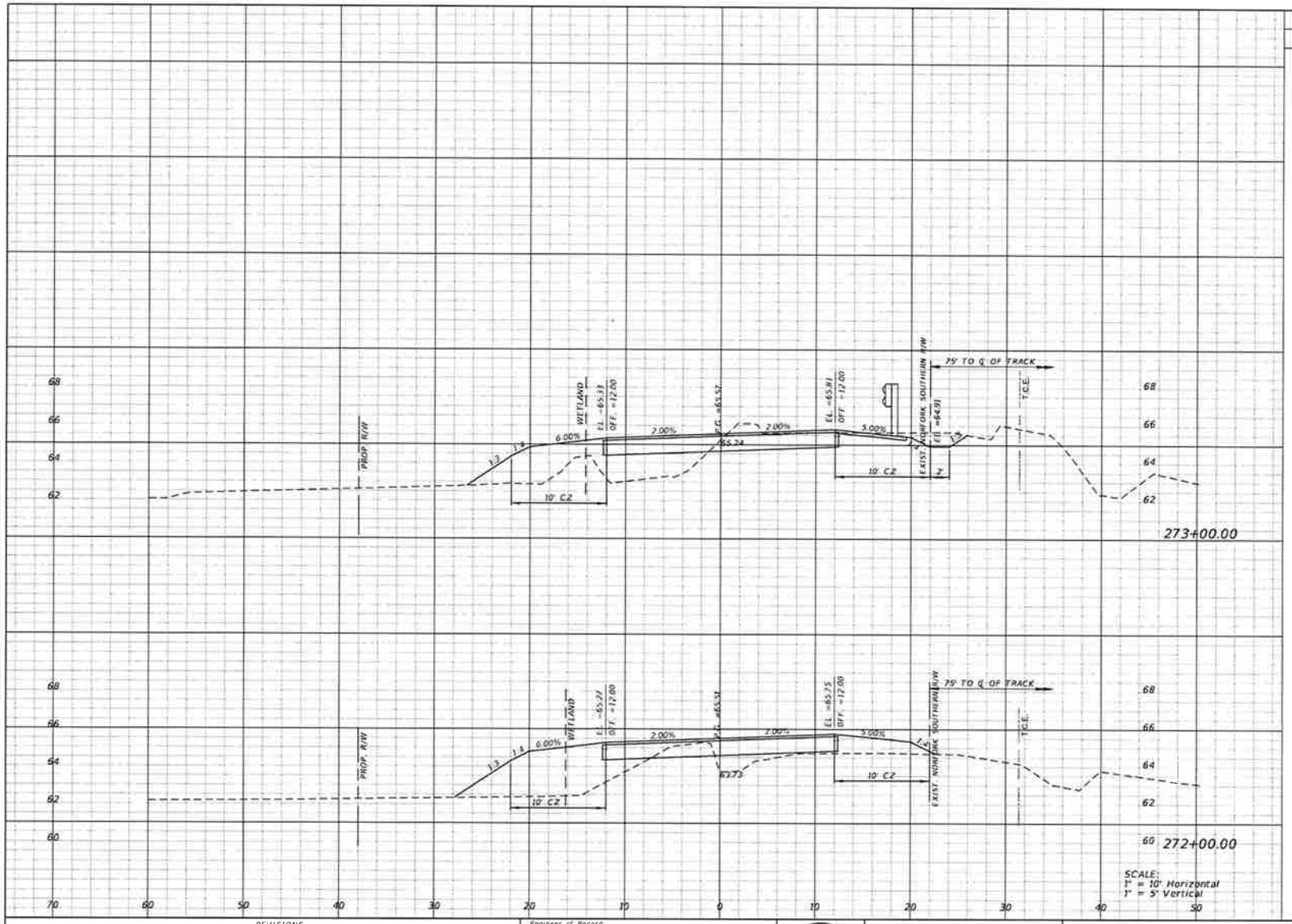

Regular Exc.		Embankment	
A	V	A	V
15.9	36	30.8	138
3.5	15	43.9	158

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 110

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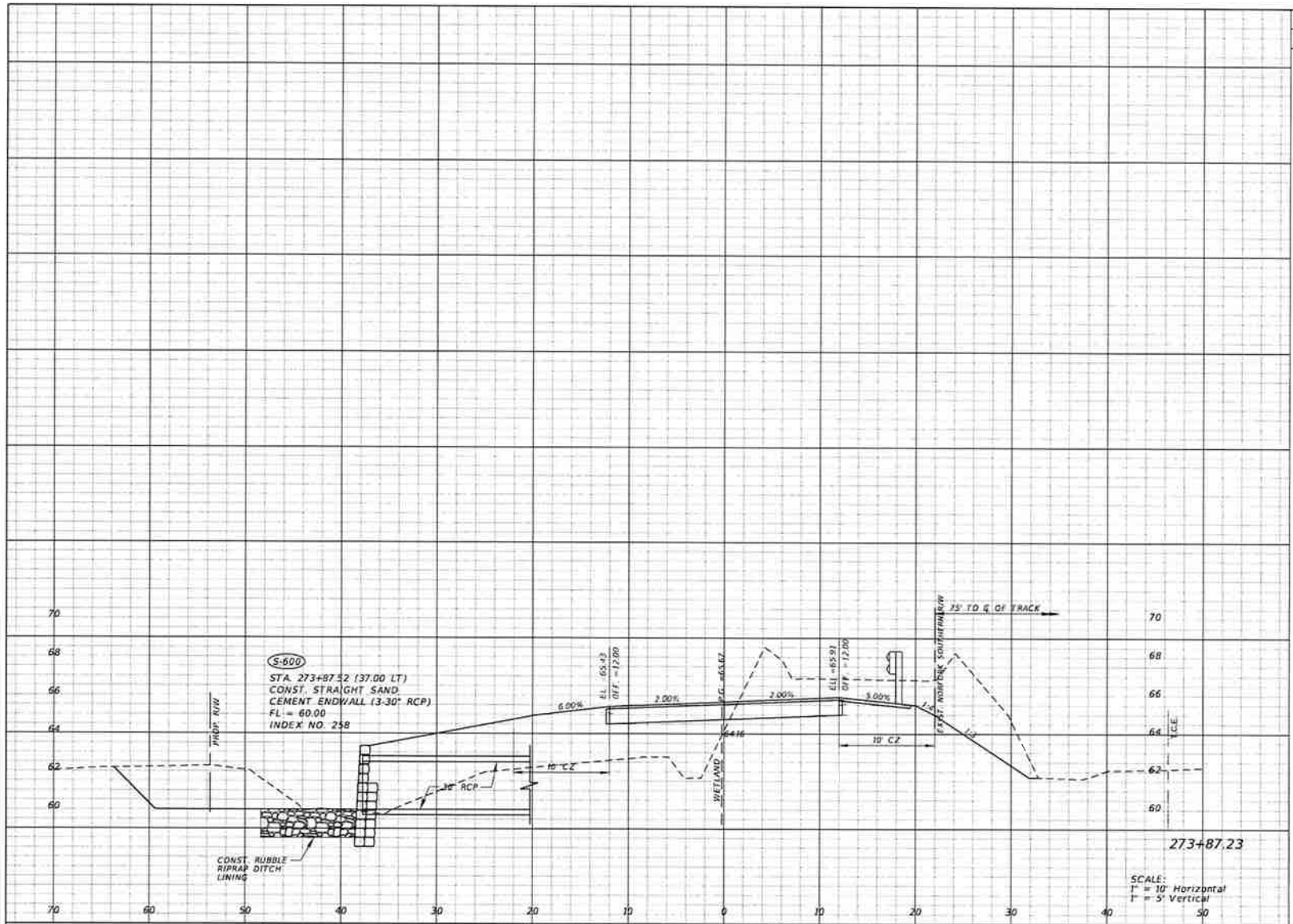

Regular Exc.		Embankment	
A	V	A	V
76.7		102.3	
	150		215

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 111

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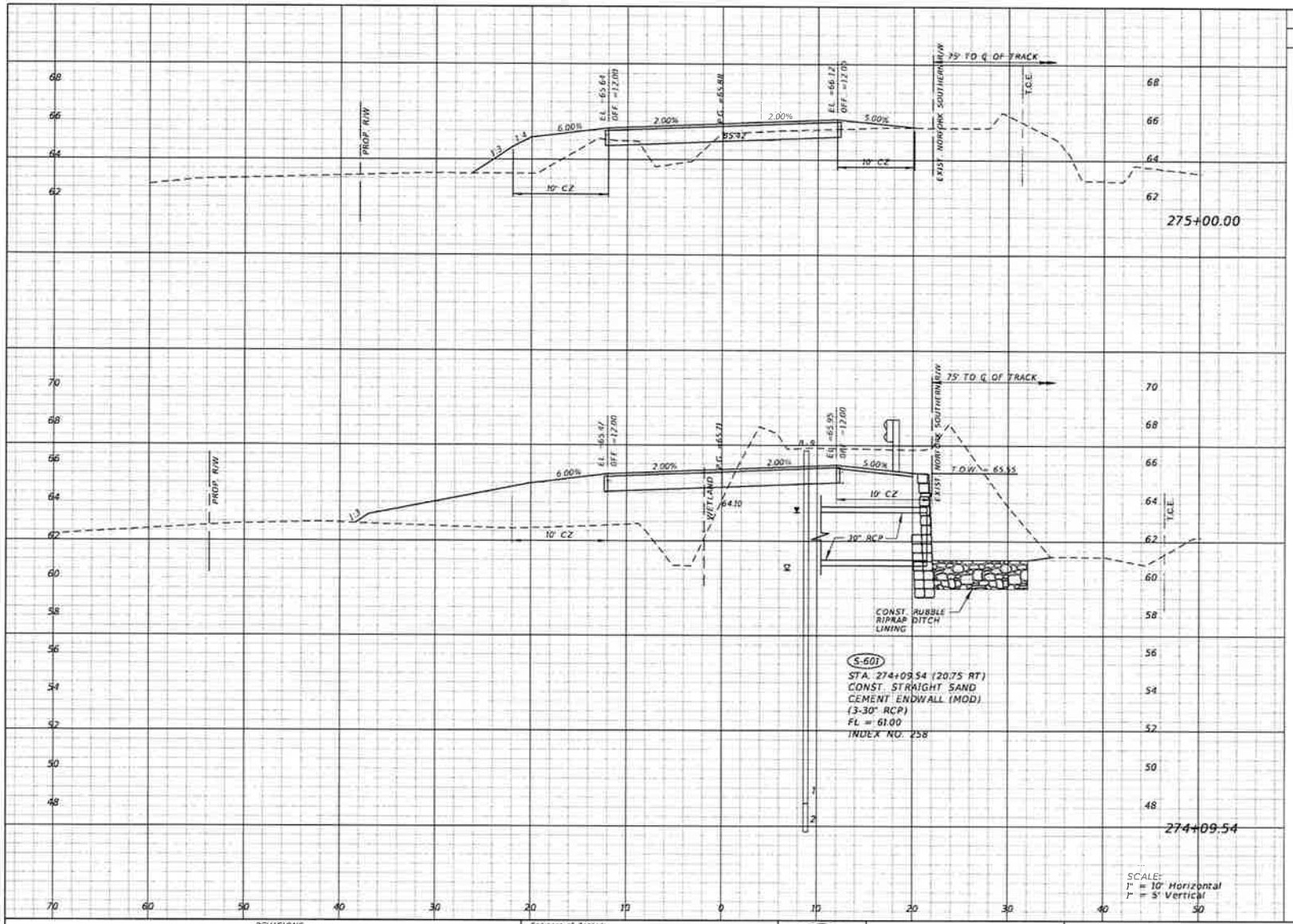

Regular Exc.		Embankment	
A	V	A	V
6.3		23.6	
	150		166
83.5		75.5	
	66		73

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 112

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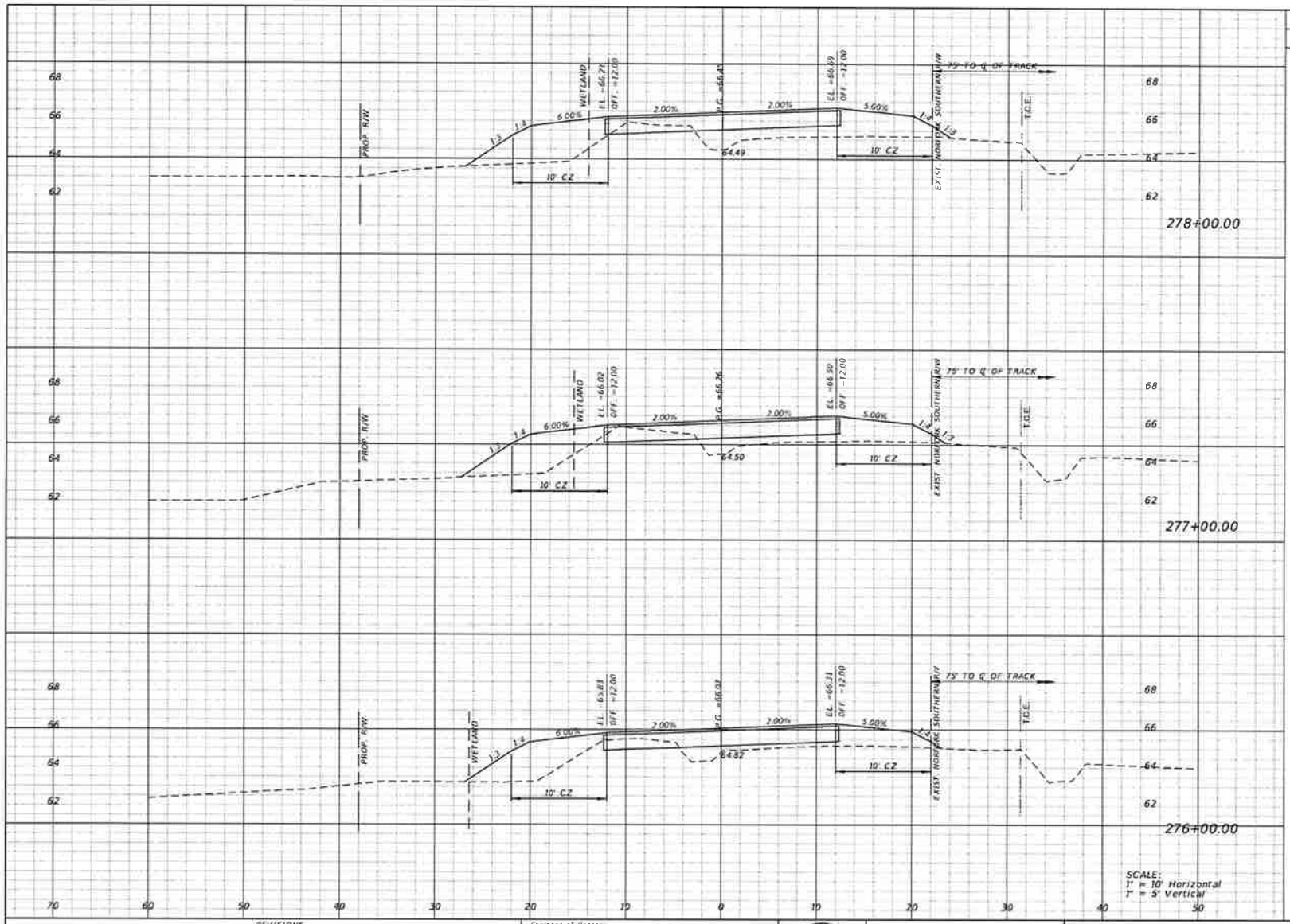

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
3.3	16	42.9	148
5.2	16	36.8	128
3.7	19	32.1	103

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 113

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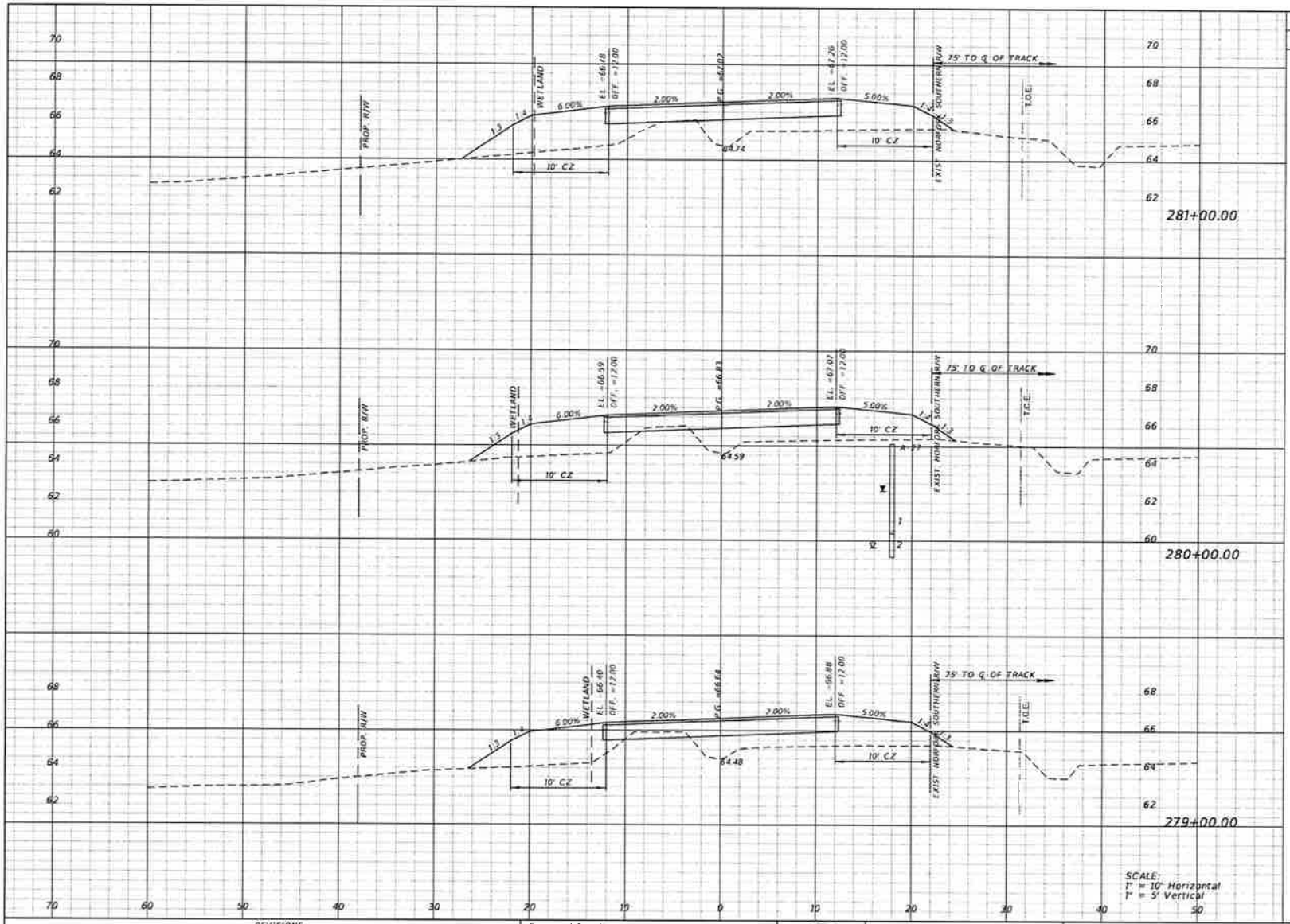

Regular Exc.		Embankment	
A	V	A	V
0.1	2	52.9	191
0.9	5	50.3	182
2.0	10	48.1	168

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Consulting Engineers | General Contractors
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 114

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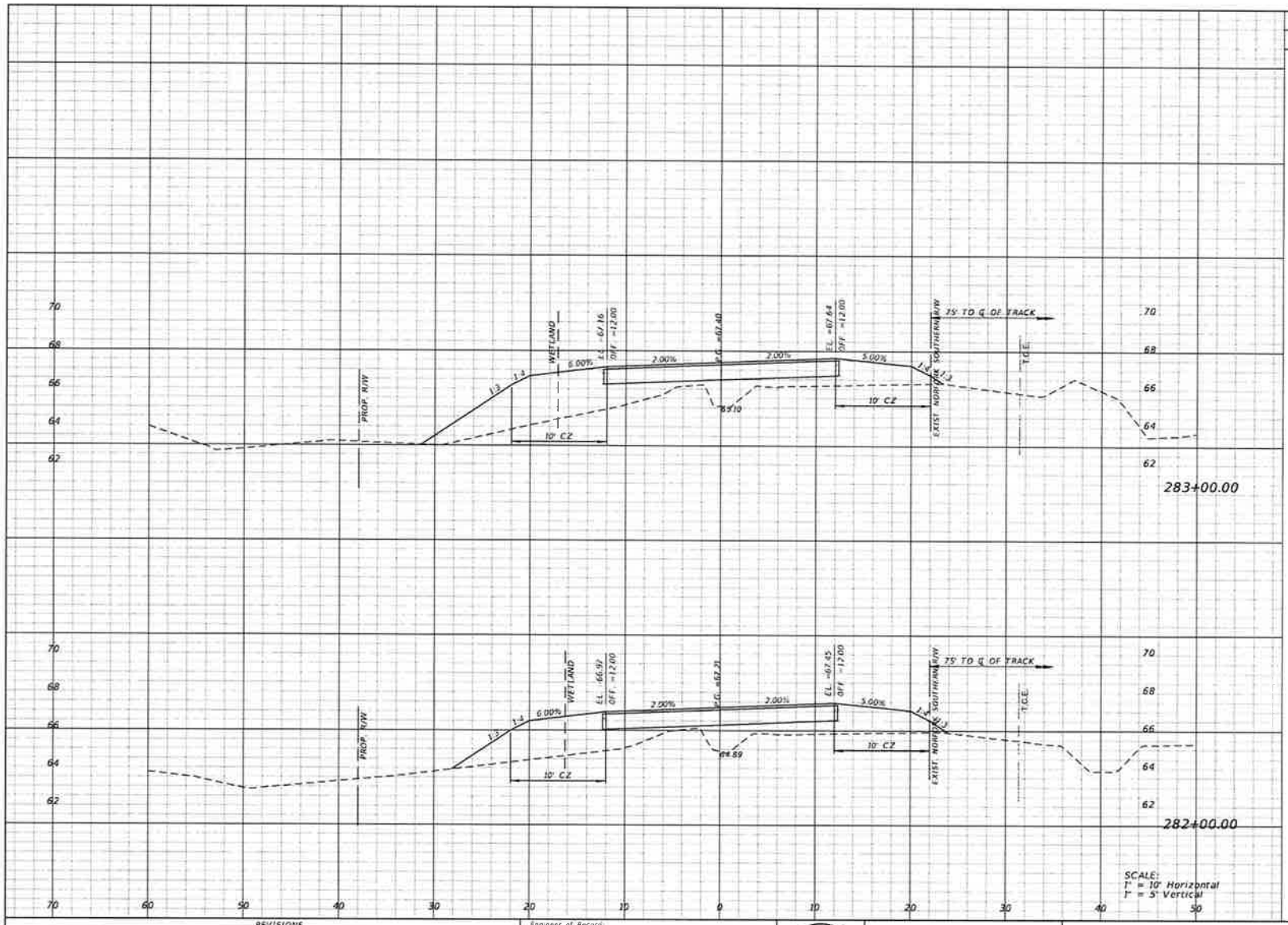

Regular Exc.		Embankment	
A	V	A	V
0.0	0	64.0	220
0.0	0	54.9	200

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 115

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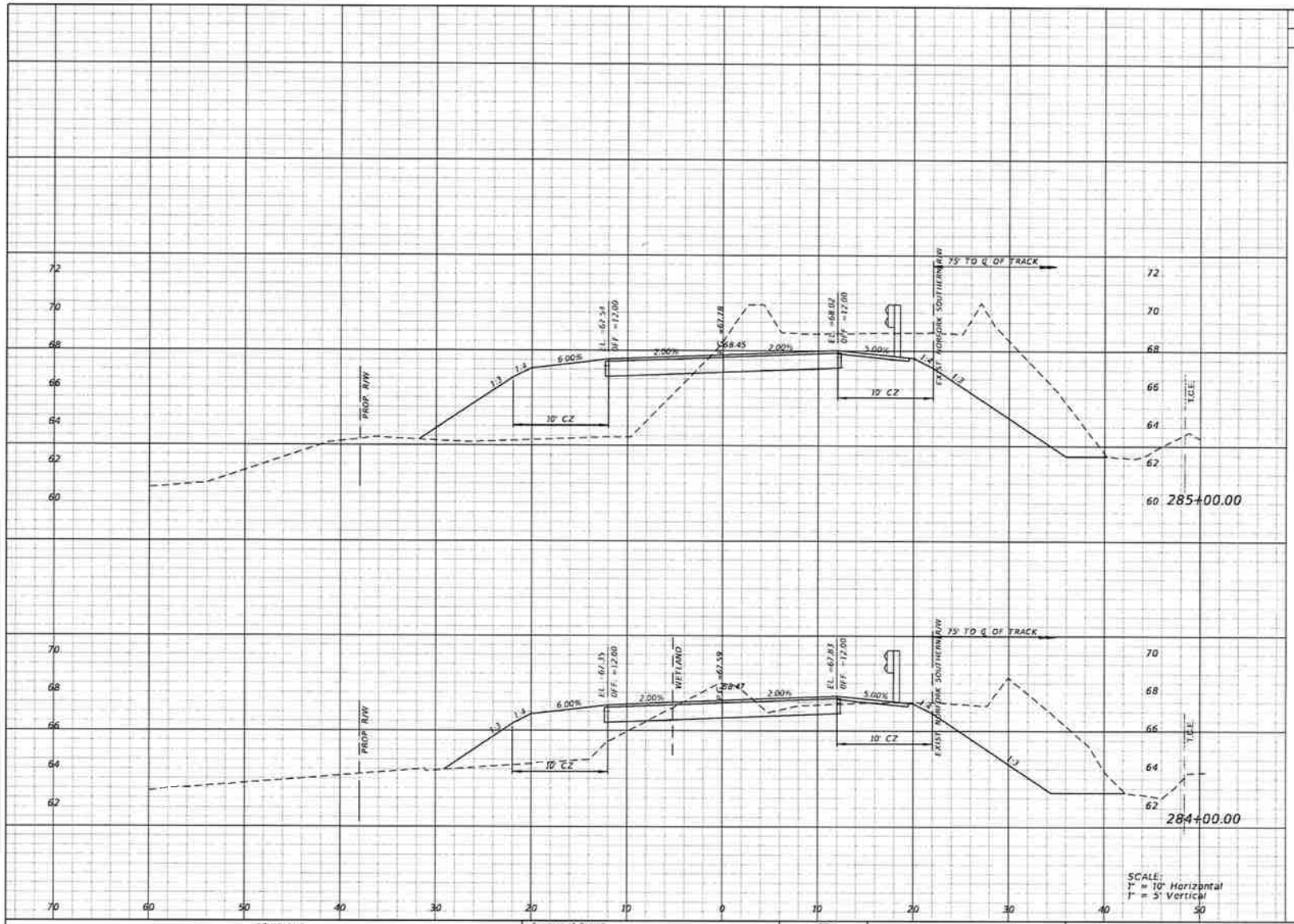

Regular Exc.		Embankment	
A	V	A	V
98.1	311	73.1	202
69.6	129	36.1	185

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 116

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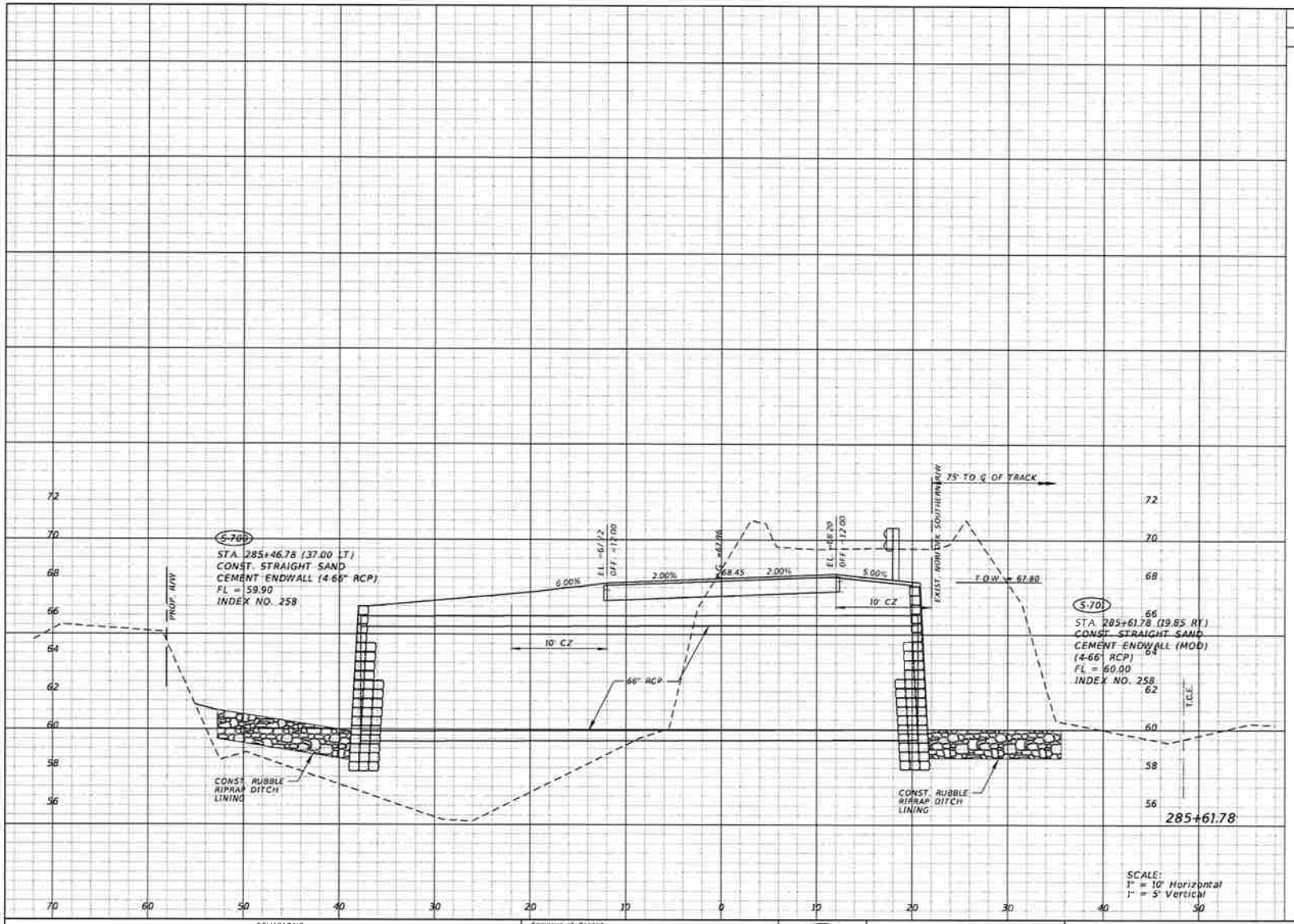

Regular Exc.		Embankment	
A	V	A	V
157.4		367.6	
	292		504

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 117

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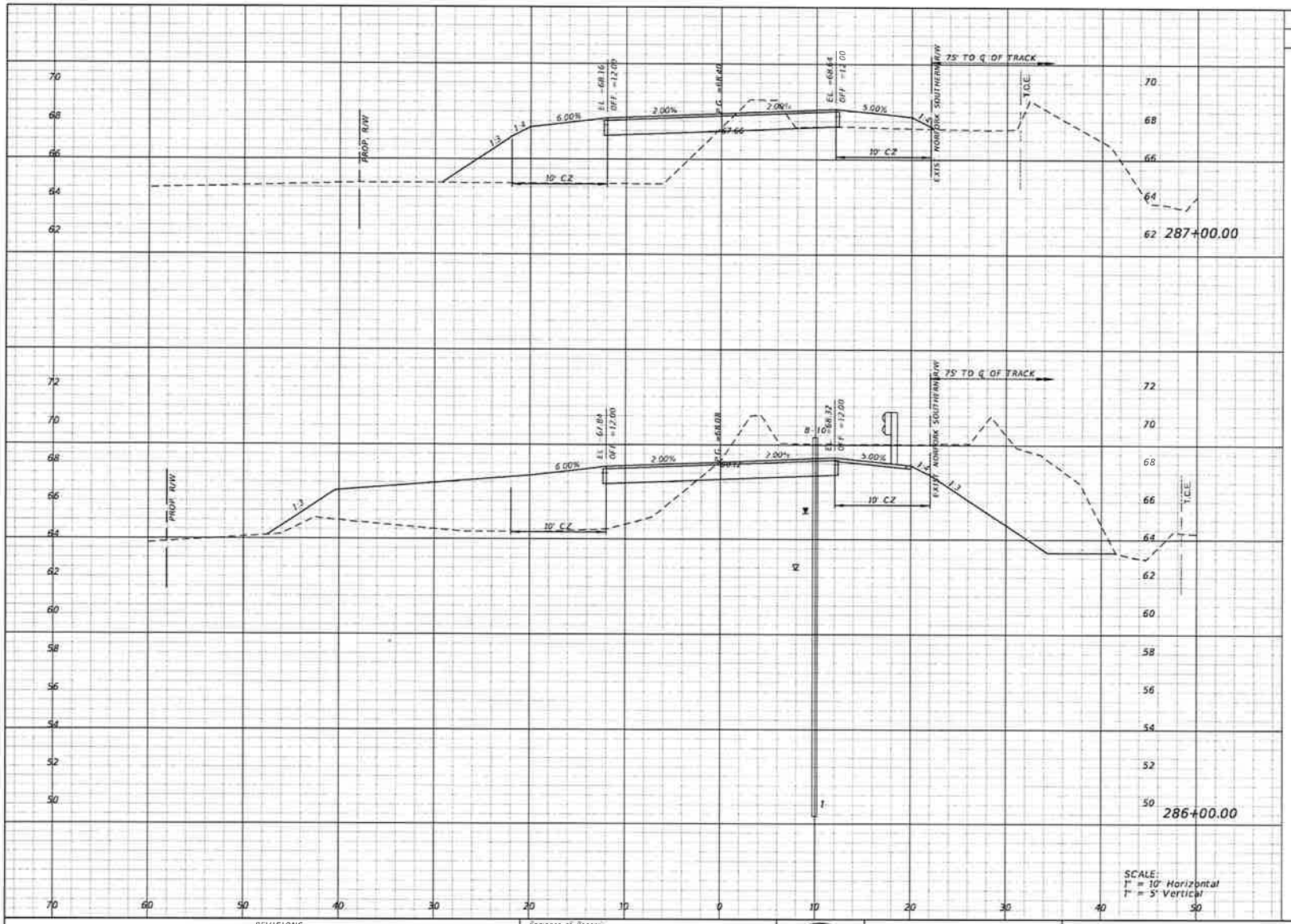

Regular Exc.		Embankment	
A	V	A	V
8.7	214	69.1	300
107.0	187	92.8	326

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
118

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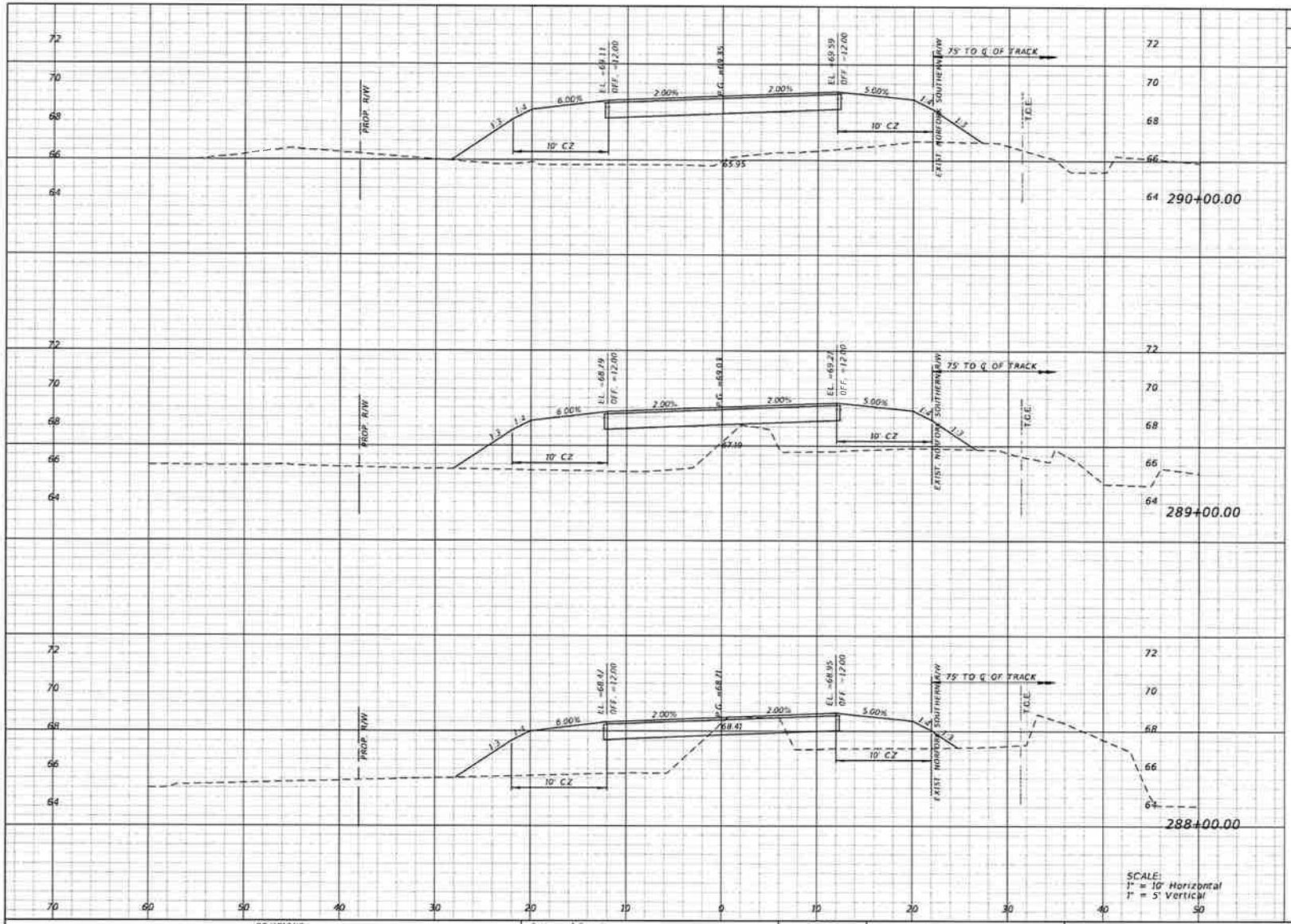

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	123.4	406
0.0	11	96.0	301
5.9	27	66.5	251

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 10320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 119

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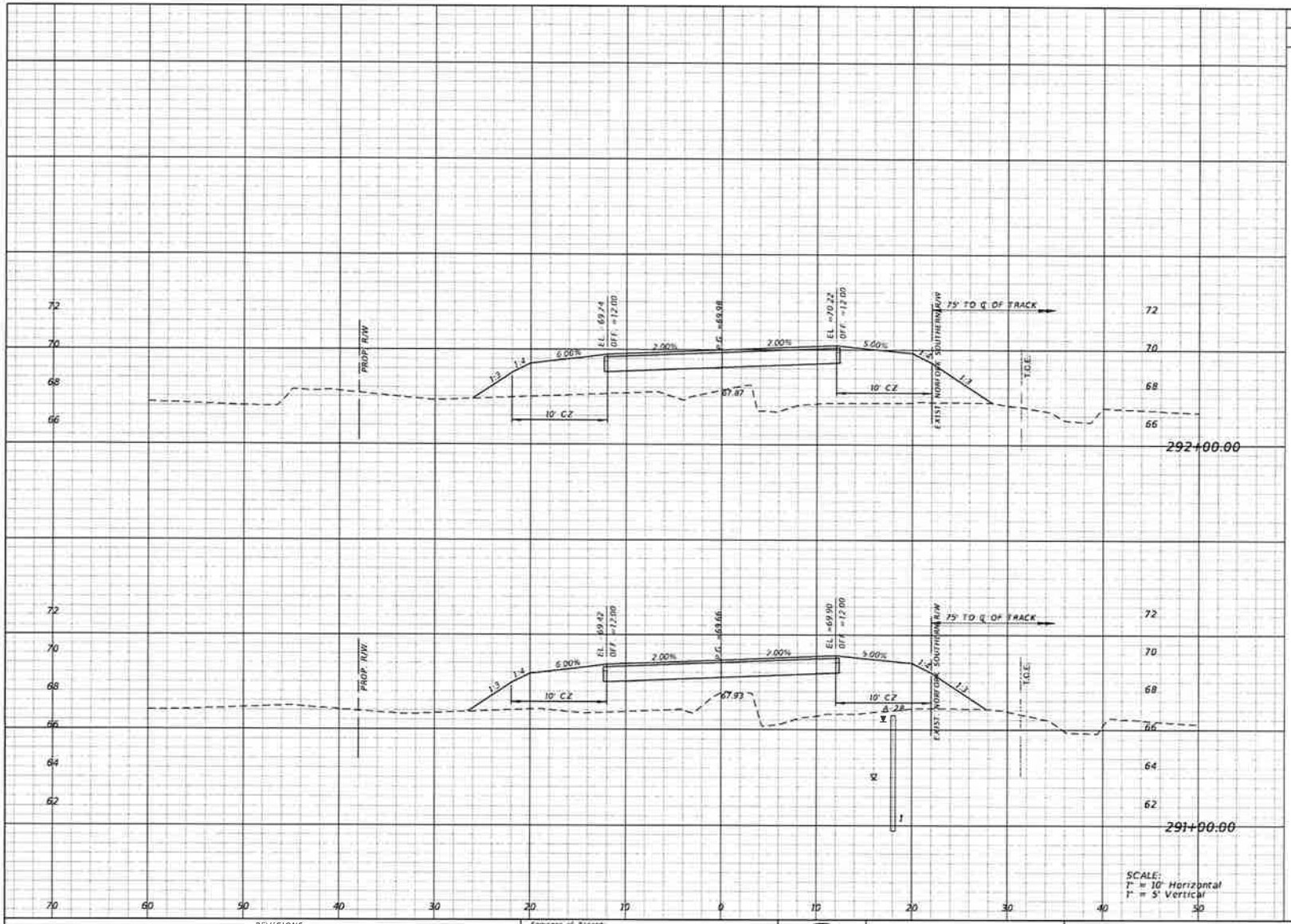

Regular Exc.		Embankment	
A	V	A	V
0.0		92.8	
	0		352
0.0		97.4	
	0		409

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 120

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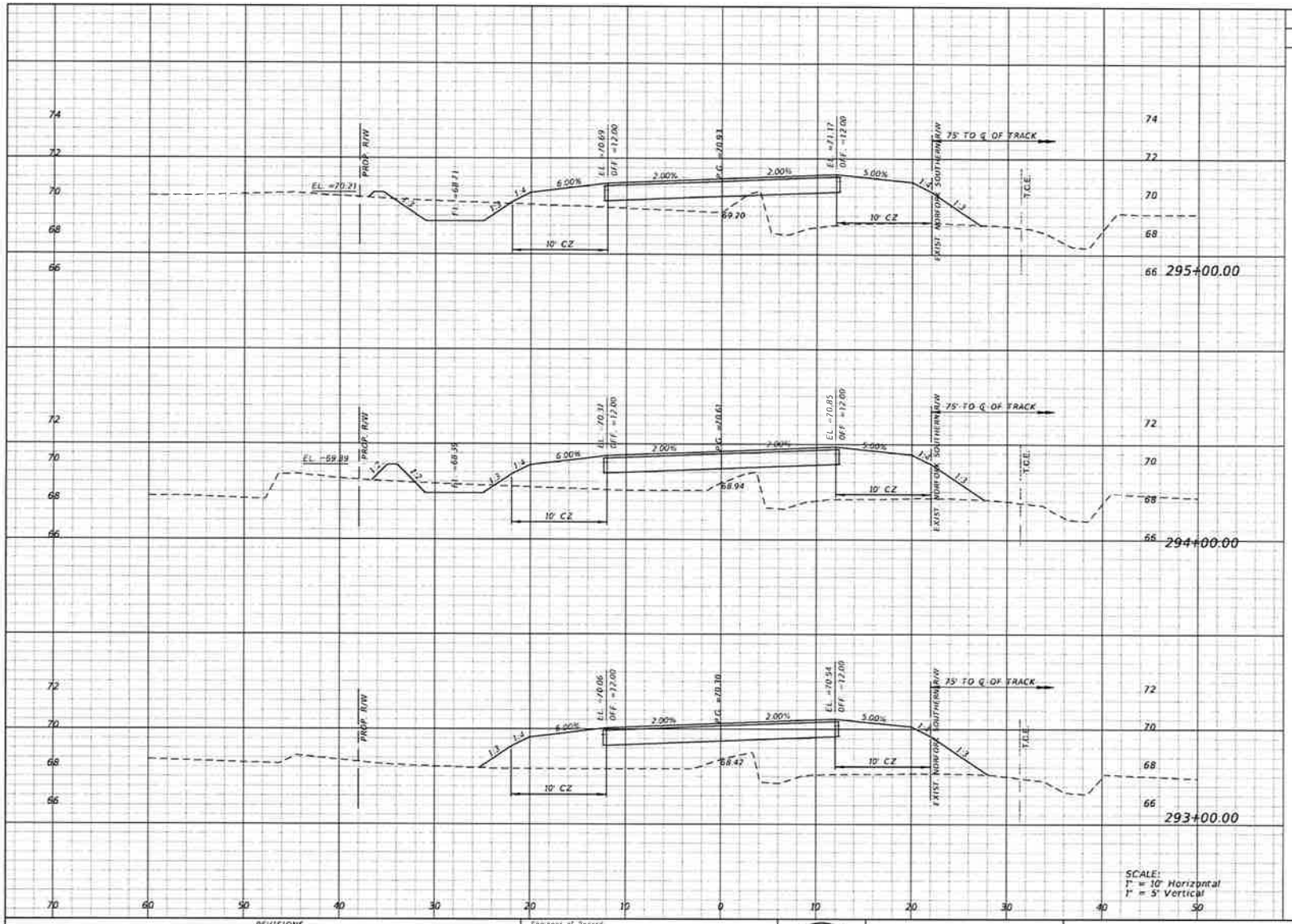

Regular Exc.		Embankment	
A	V	A	V
9.6	25	56.9	245
3.6	7	75.6	302
0.0	0	87.2	333

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 121

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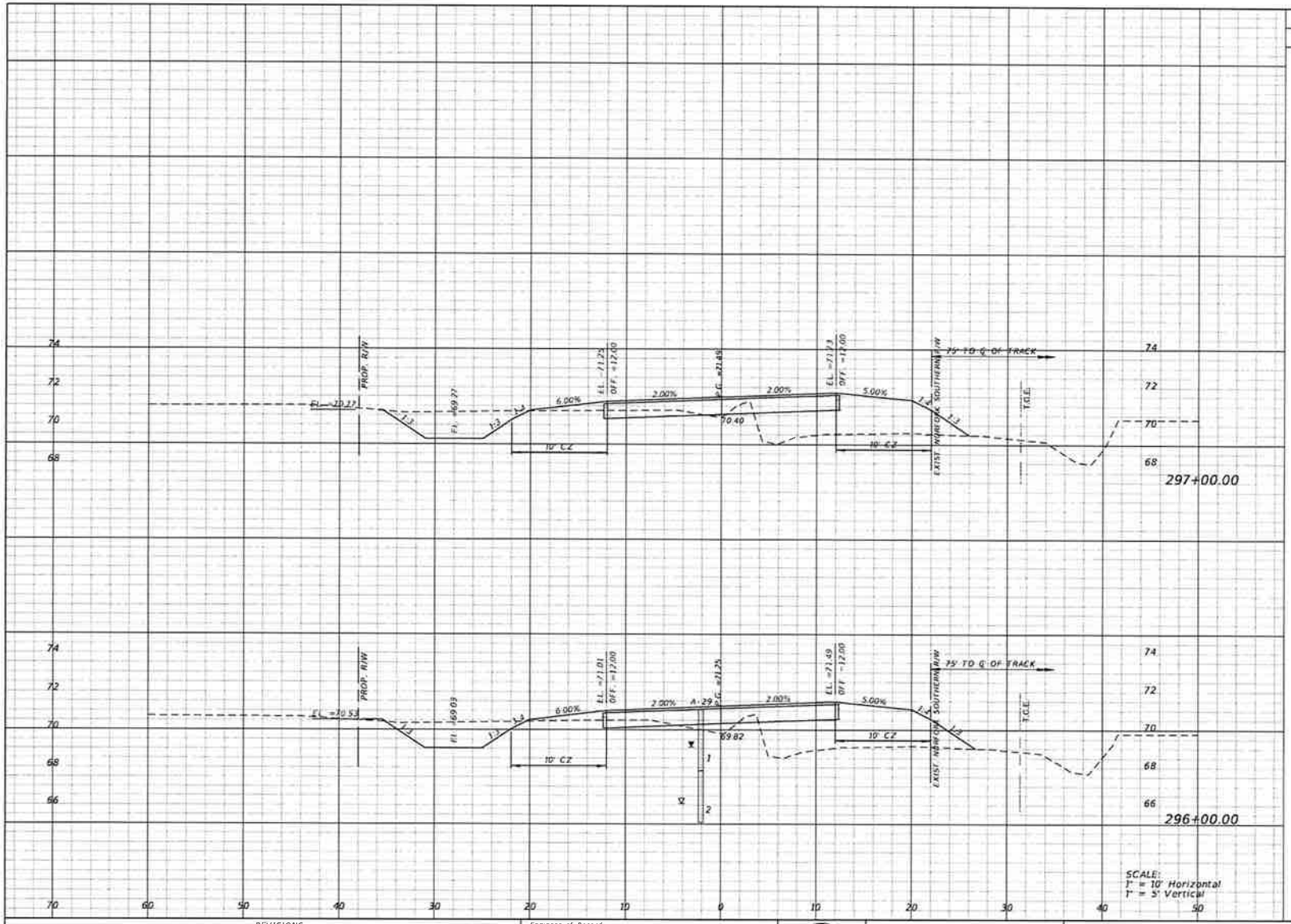

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
19.2	67	34.4	140
16.8	49	41.1	181

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 122

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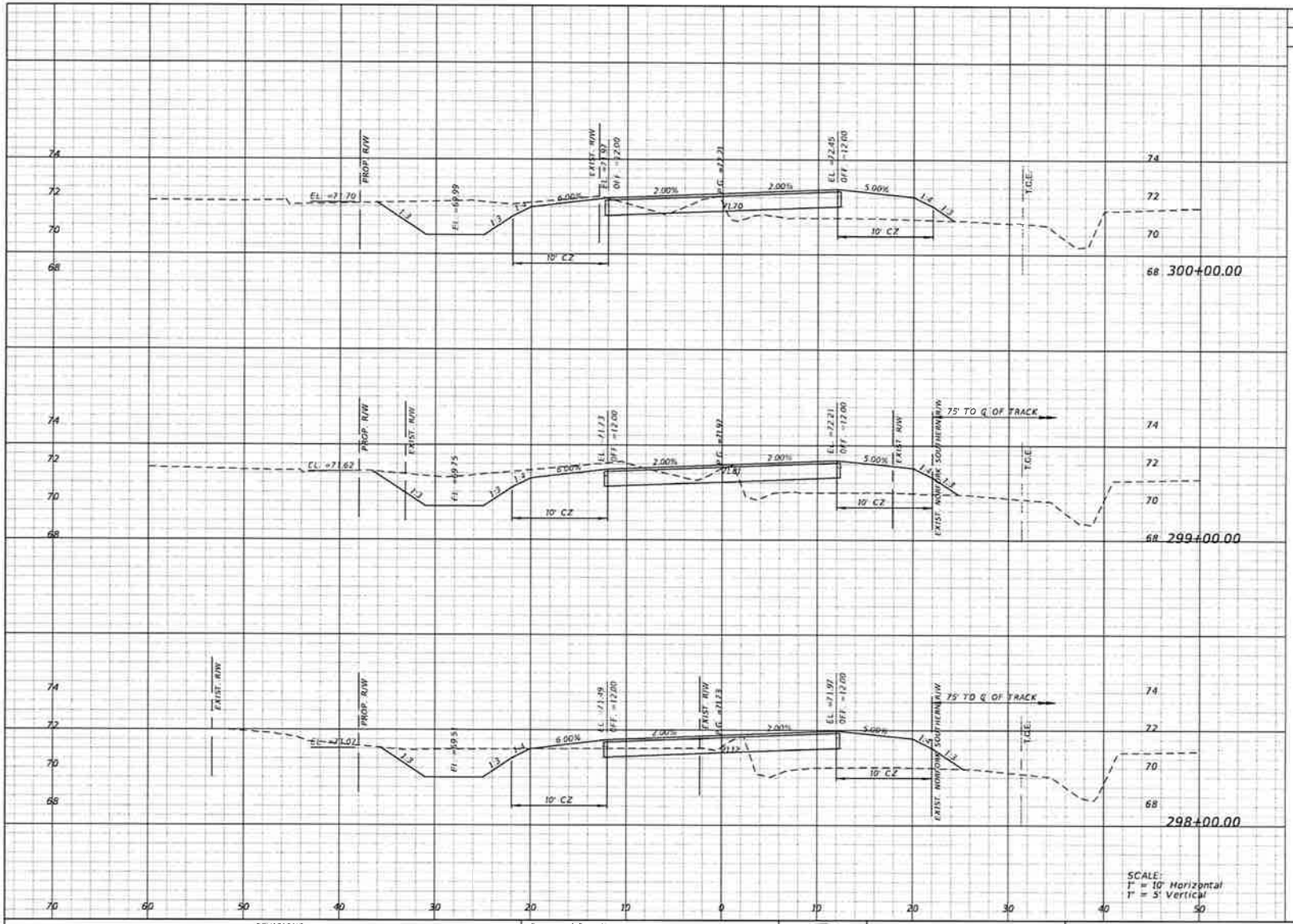

Regular Exc.		Embankment	
A	V	A	V
26.8	110	18.7	77
32.5	100	22.9	97
21.4	75	29.3	118

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

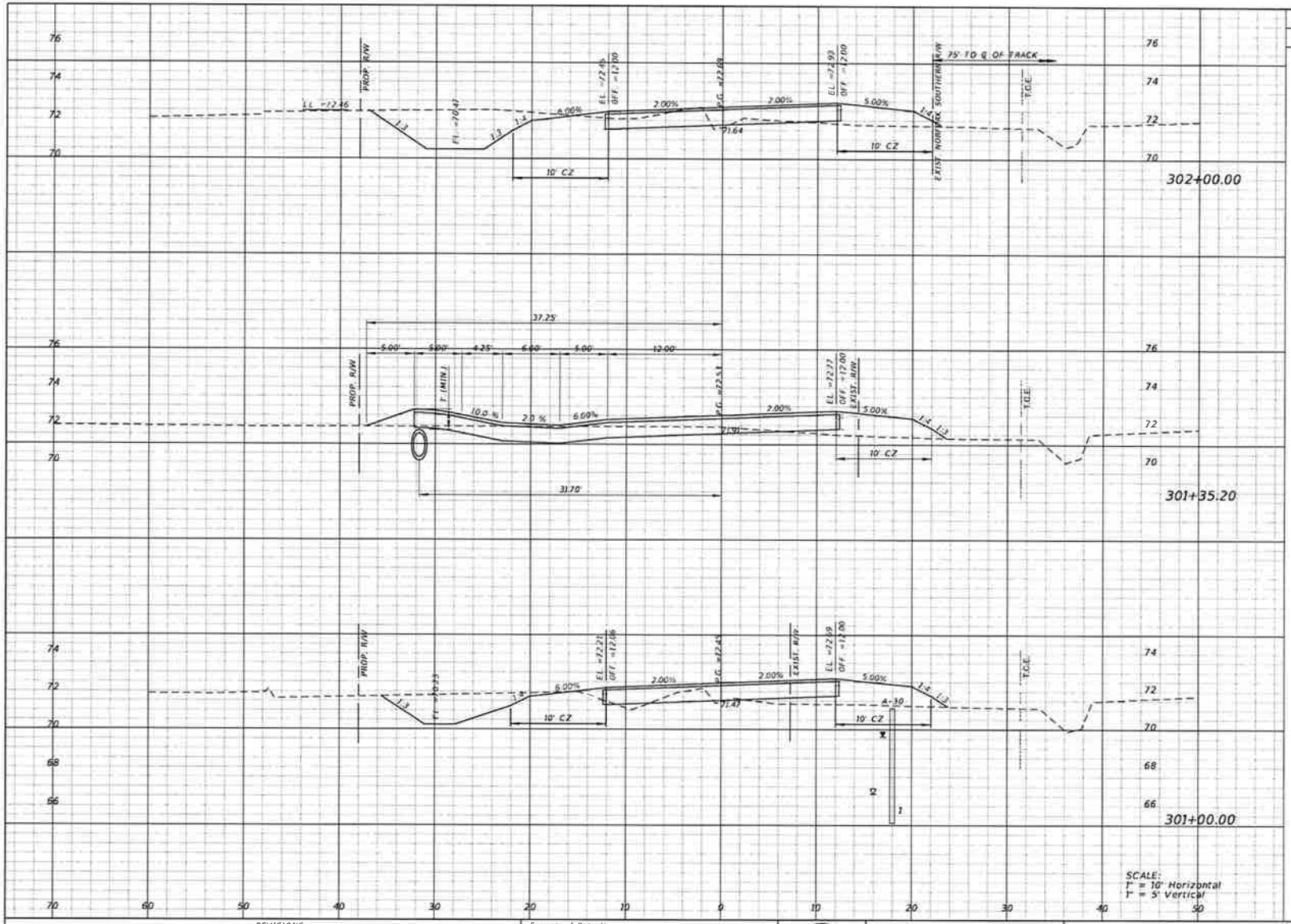
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 123

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Roadway - CADD\00000000003\roadway\Specs RD_Phase II\RDXS004.DGN Paul 5/11/2020 2:55:00 PM



	Regular Exc.		Embankment	
	A	V	A	V
302+00.00	33.9	70	9.7	25
301+35.20	24.1	29	11.4	18
301+00.00	19.8	86	15.7	64

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

Michael E. Hancock
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NASSAU COUNTY ENGINEERING

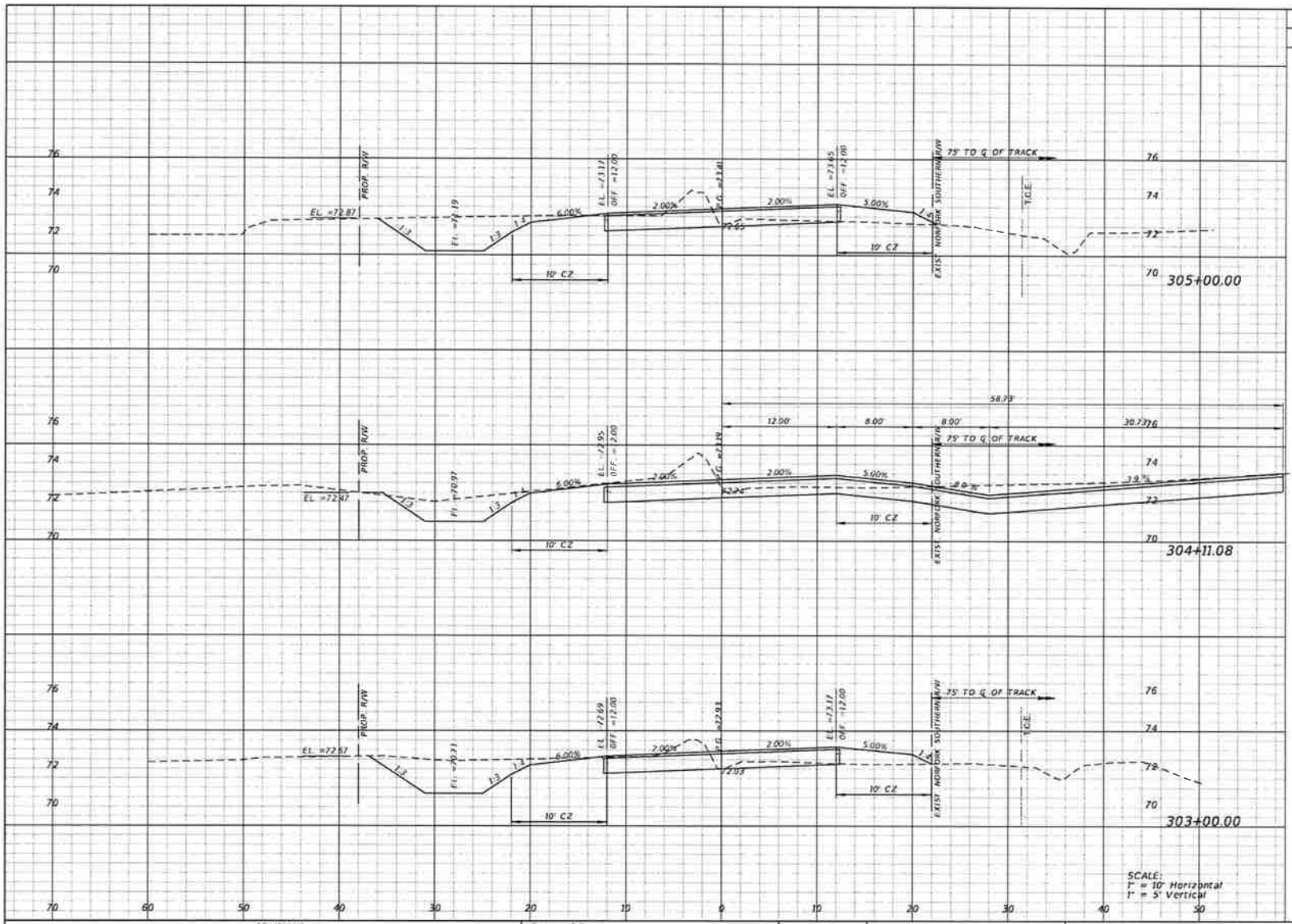
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 124

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\D0000000003\Roadway\Sheet 49_Phase II\RDSR004.DGN Paul 5/11/2020 3:55:21 PM



	Regular Exc.		Embankment	
	A	V	A	V
305+00.00	36.2	197	6.4	11
304+11.08	83.5	247	0.1	13
303+00.00	36.5	130	5.9	29

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 125

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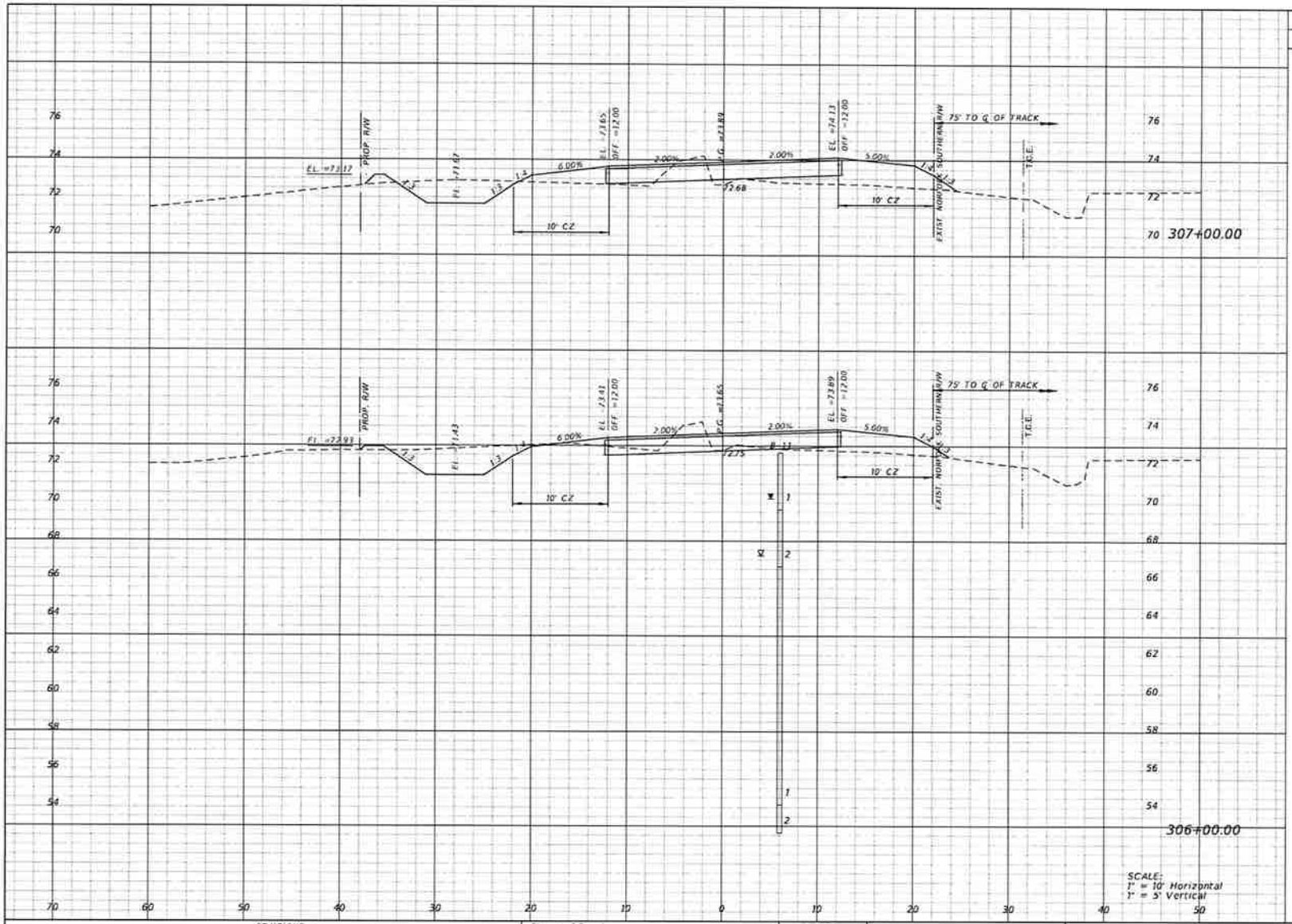
Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CFDO\0000000000\Drawings\50000 40_Phase II\RDXS\R004.DGN Fbel 5/11/2020 3:55:41 PM



Regular Exc.		Embankment	
A	V	A	V
16.5		23.1	
	74		65
23.5		11.9	
	111		34

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 126

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Drawings\Sheet 40_Phase II\RDXSRD04.DGN

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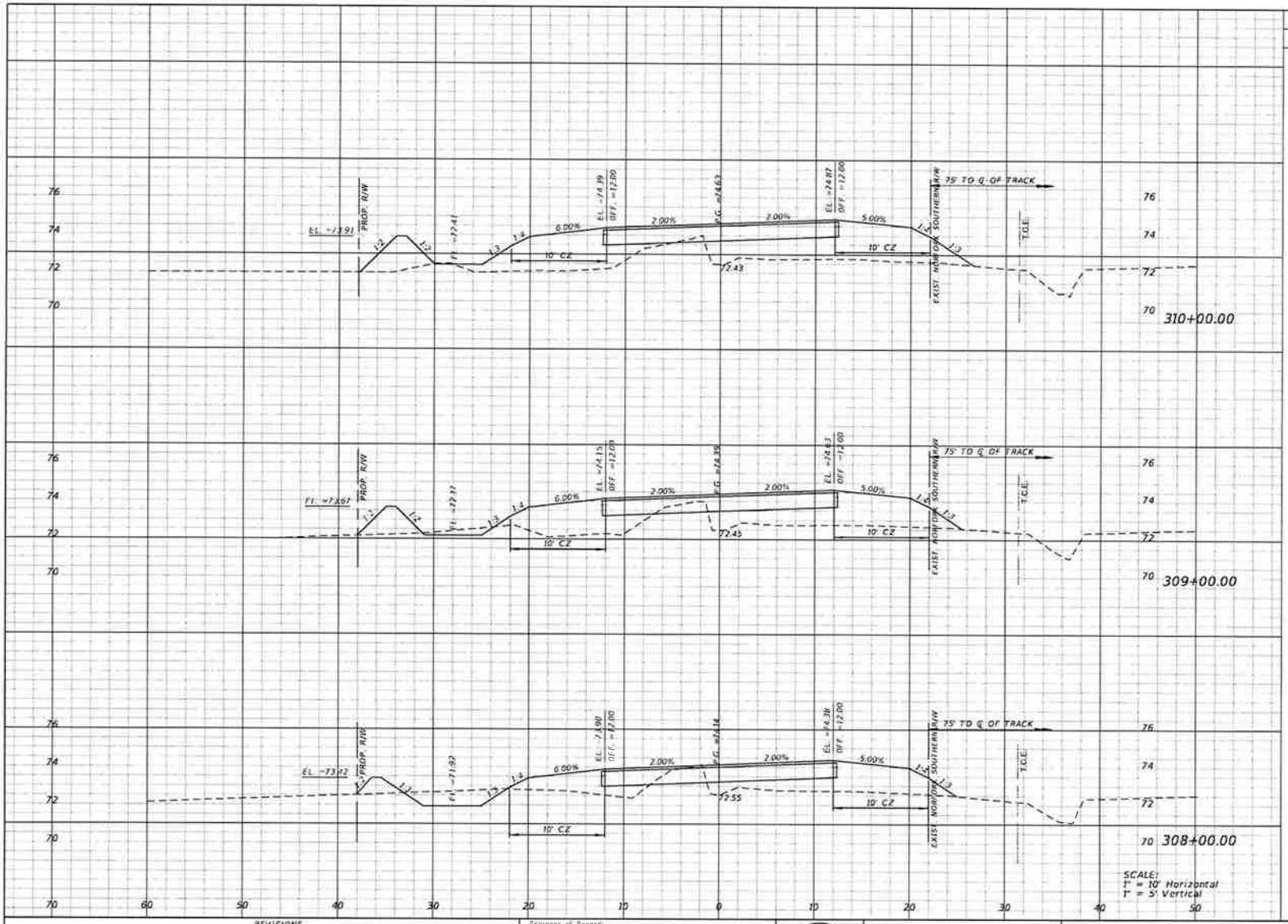

Regular Exc.		Embankment	
A	V	A	V
0.6	9	74.7	242
4.2	27	56.0	171
10.6	50	36.3	110

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 127

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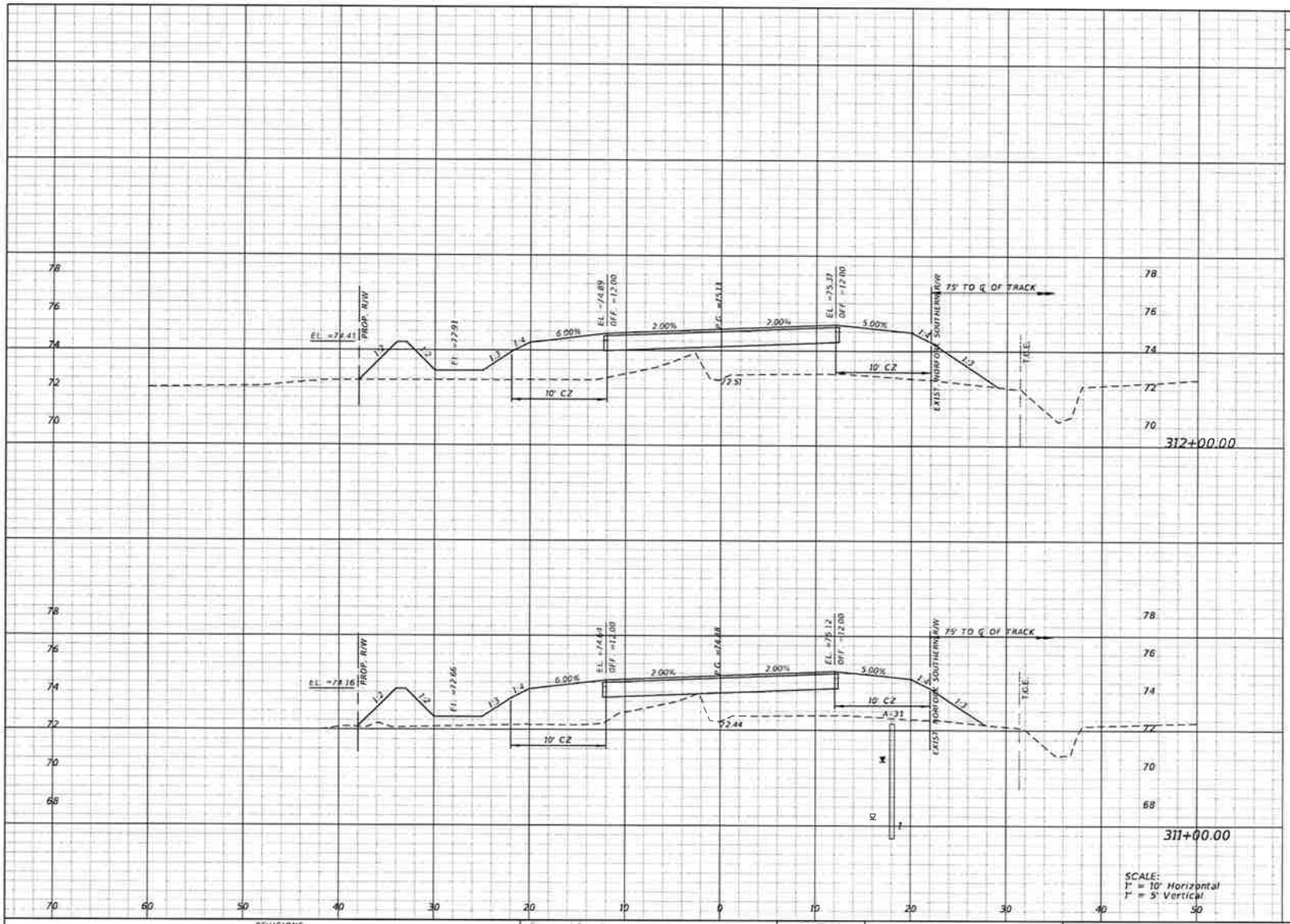
Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\ - CADD\0000000000\Roadway\Sheet 40_Phase II\RDXSRD04.DGN Paul 3/11/2020 3:56:24 PM



Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	104.5	361
0.0	1	90.4	306

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 128

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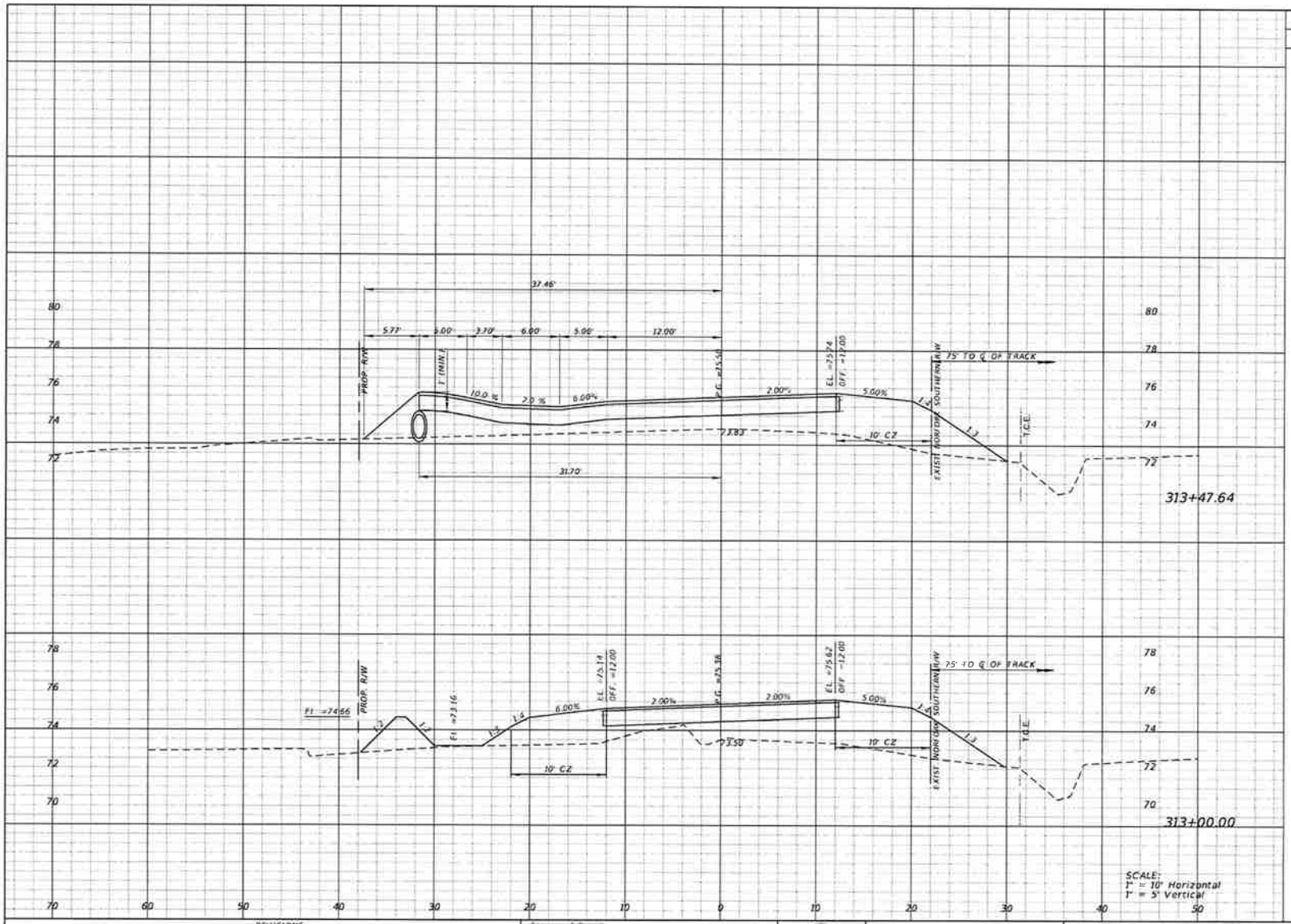
Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\00000000001\roadway\Sheet 49_Phase II\RDX\RD04.DGN Paul 3/11/2020 3:54:46 PM



Regular Exc.		Embankment	
A	V	A	V
5.8		82.6	
	5		144
0.0		80.7	
	0		343

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
129

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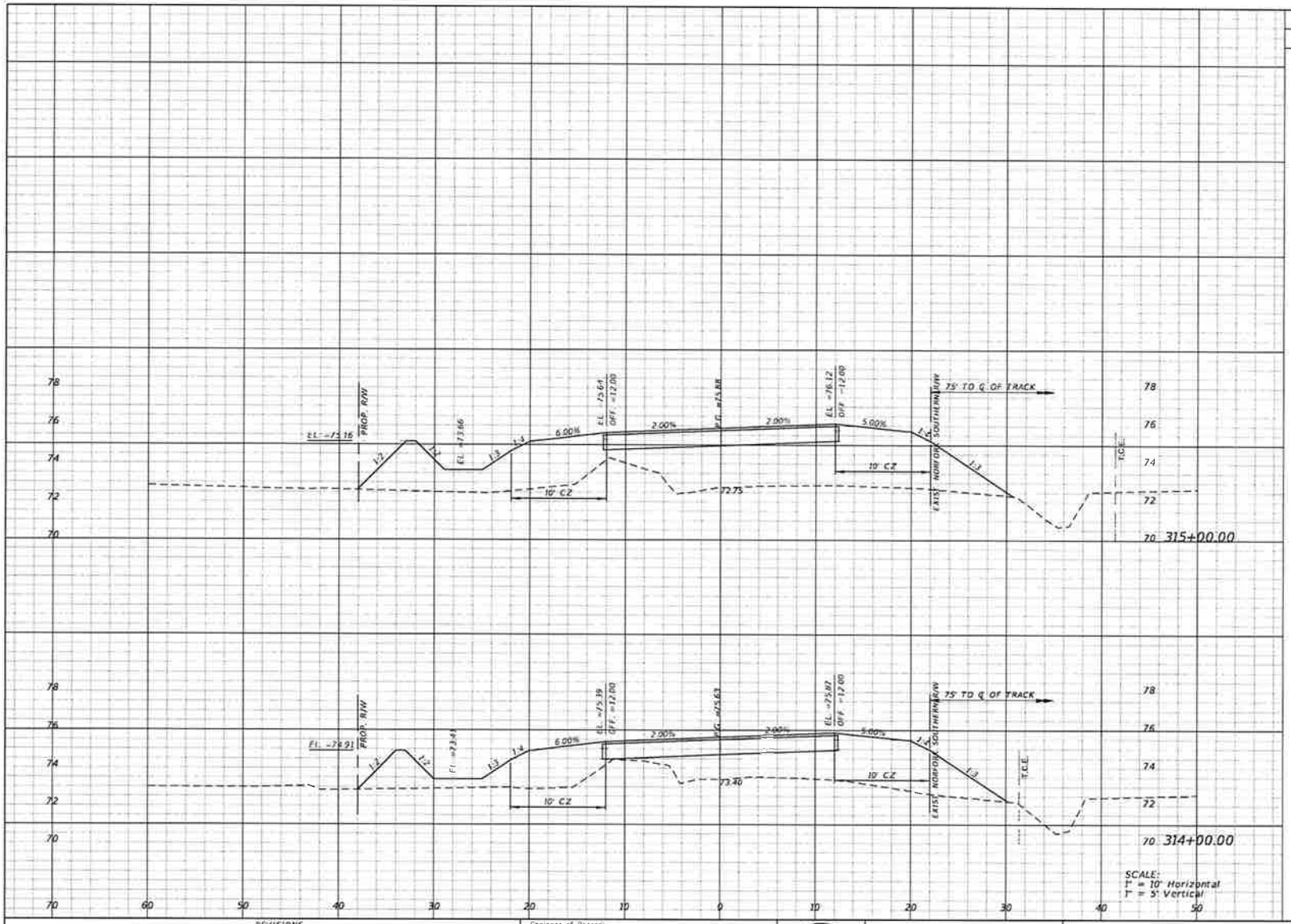

Regular Exc.		Embankment	
A	V	A	V
0.0		141.1	
	0		441
0.0		97.3	
	6		174

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 130

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

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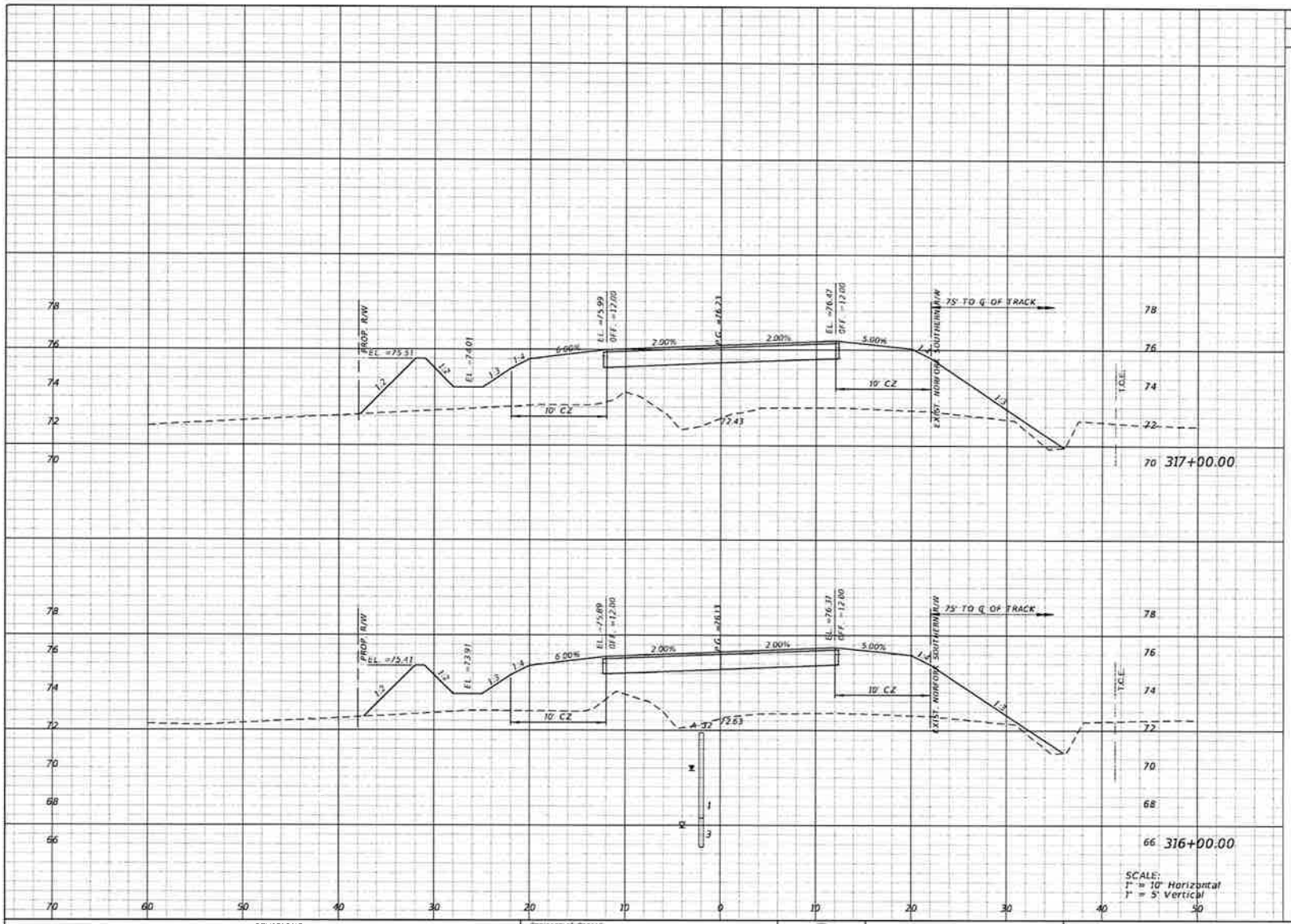

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0		167.6	
	0		600
0.0		156.4	
	0		551

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
131

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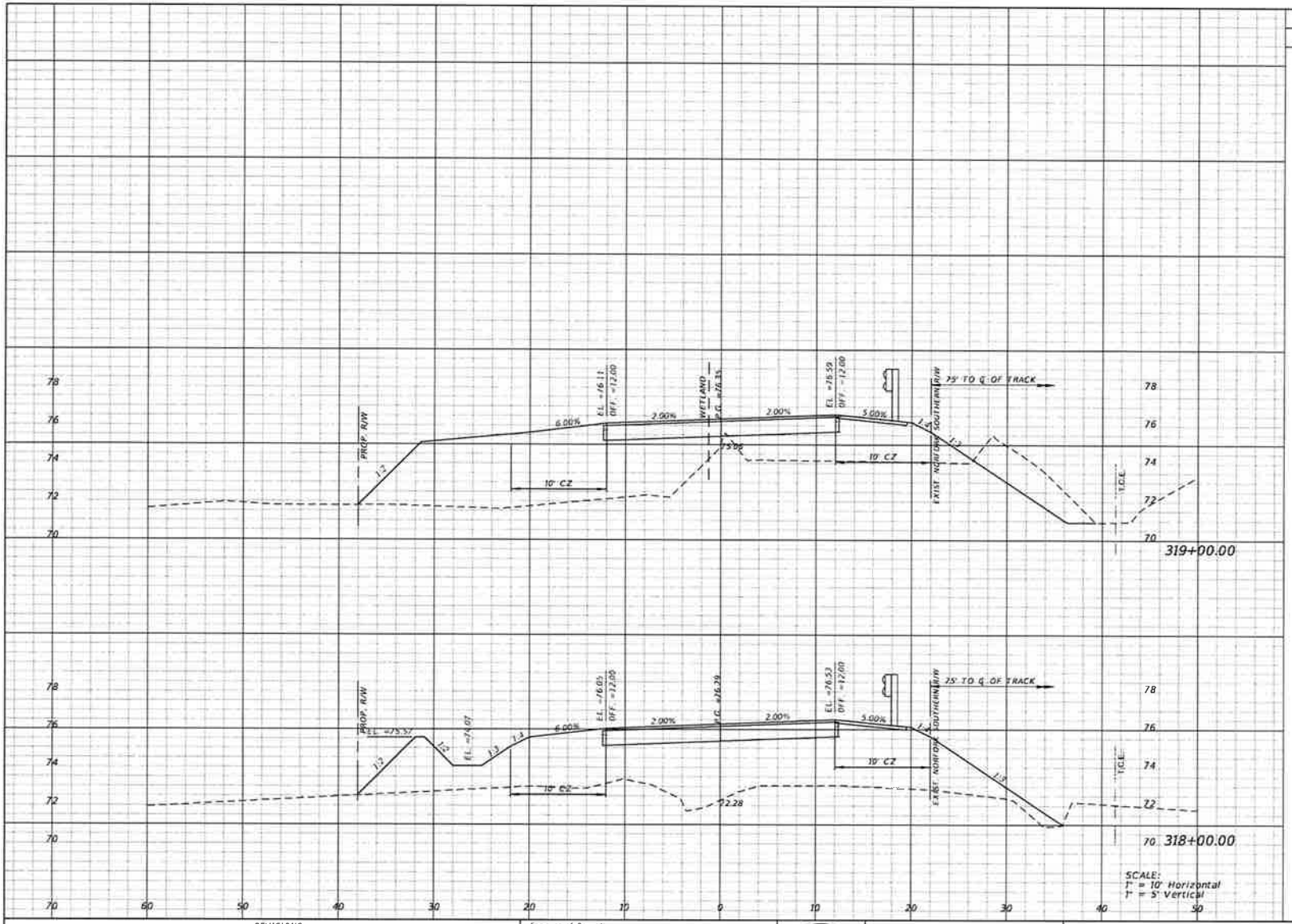

Regular Exc.		Embankment	
A	V	A	V
18.9		167.4	
	35		636
0.0		176.0	
	0		636

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

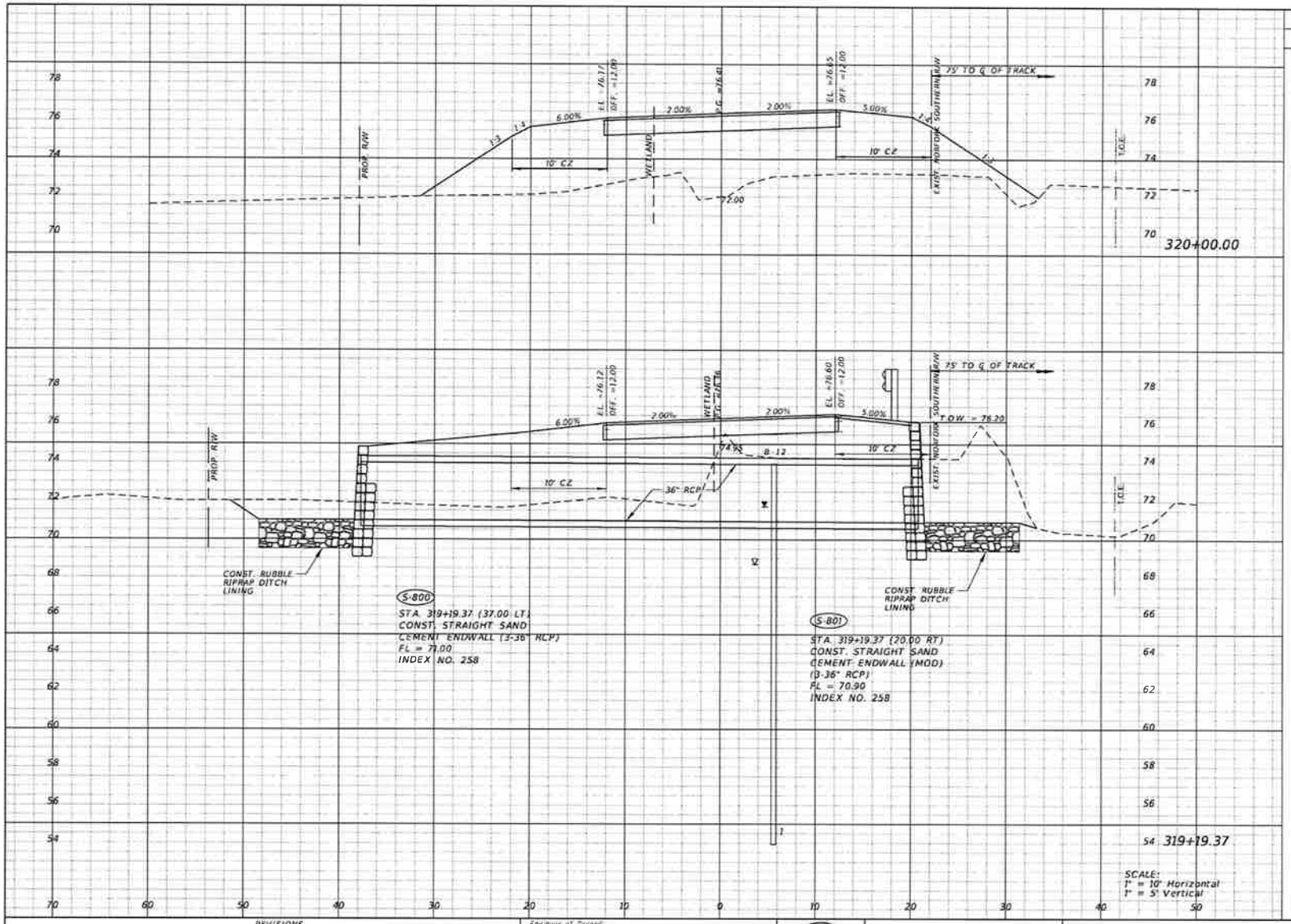
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 132

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Z:\Projects\Active Contracts\084-0012- Nassau County Crawford Road\F - CADD\00000000000\Roadway\Speed 40_Phase II\RDXSA004.DGN Paul 3/11/2020 3:58:03 PM



	Regular Exc.		Embankment	
	A	V	A	V
320+00.00	0.0		159.4	
		75		480
319+19.37	50.5		162.0	
		25		118

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

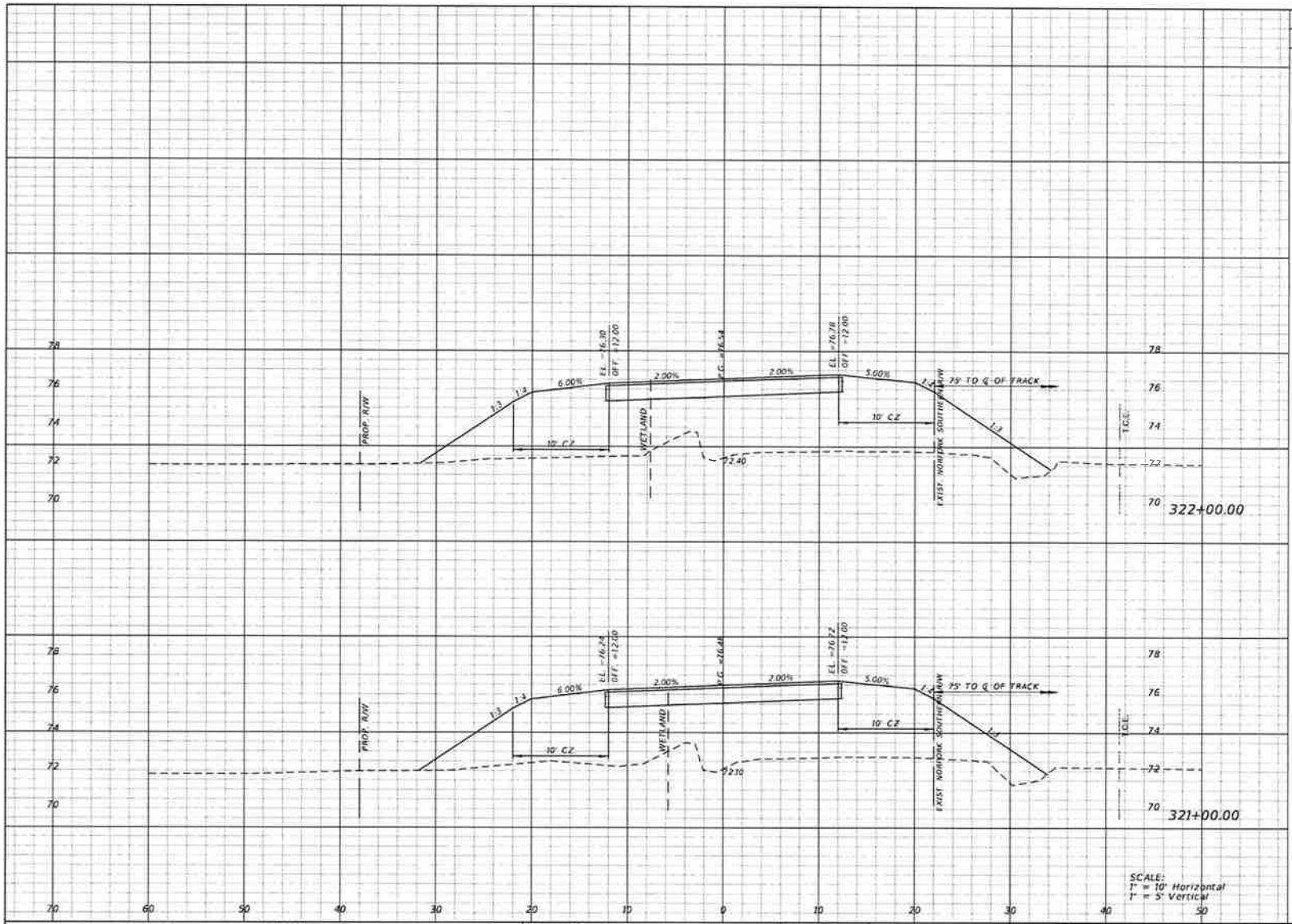
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 133

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\3 - CADD\0000000003\roadway\Sheet 40_Phase II\RDSXS004.DGN Paul 5/11/2020 3:56:26 PM



Regular Exc.		Embankment	
A	V	A	V
0.0		175.8	
	0		655
0.0		177.8	
	0		625

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 134

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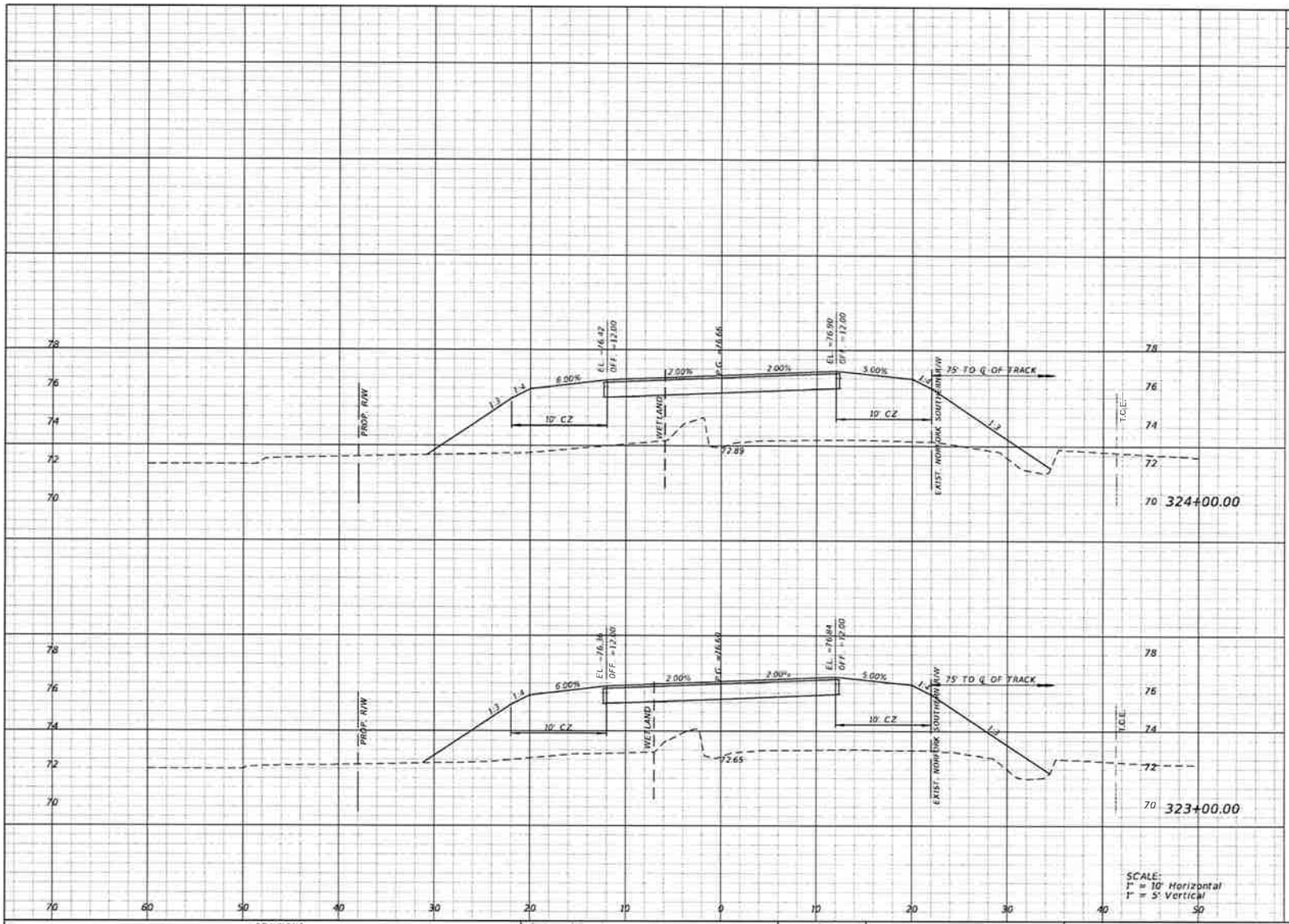

Regular Exc.		Embankment	
A	V	A	V
0.0	0	154.0	588
0.0	0	163.8	629

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

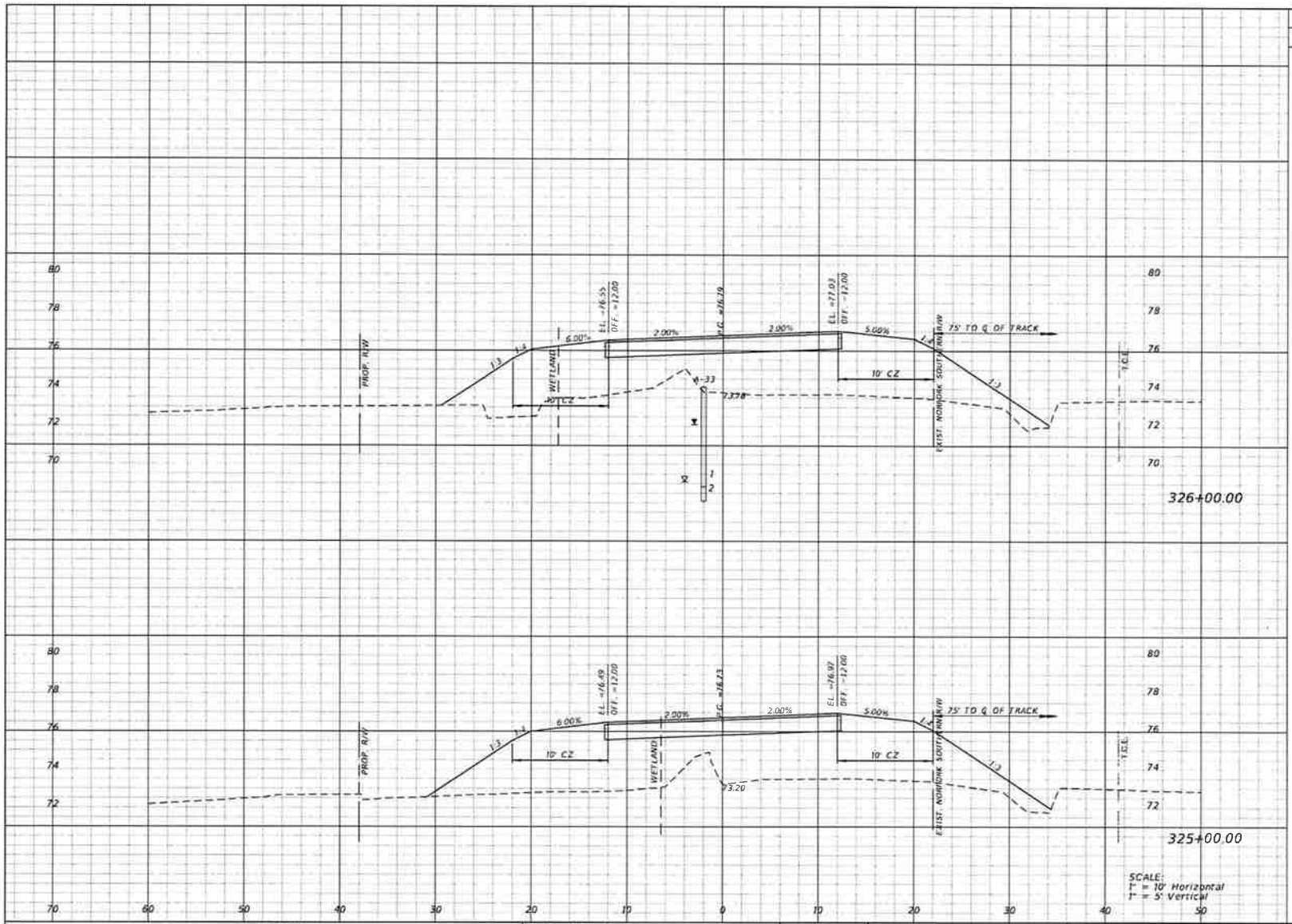
CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 135

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.



Regular Exc.		Embankment	
A	V	A	V
0.0		134.7	
	0		526
0.0		149.5	
	0		562

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 136

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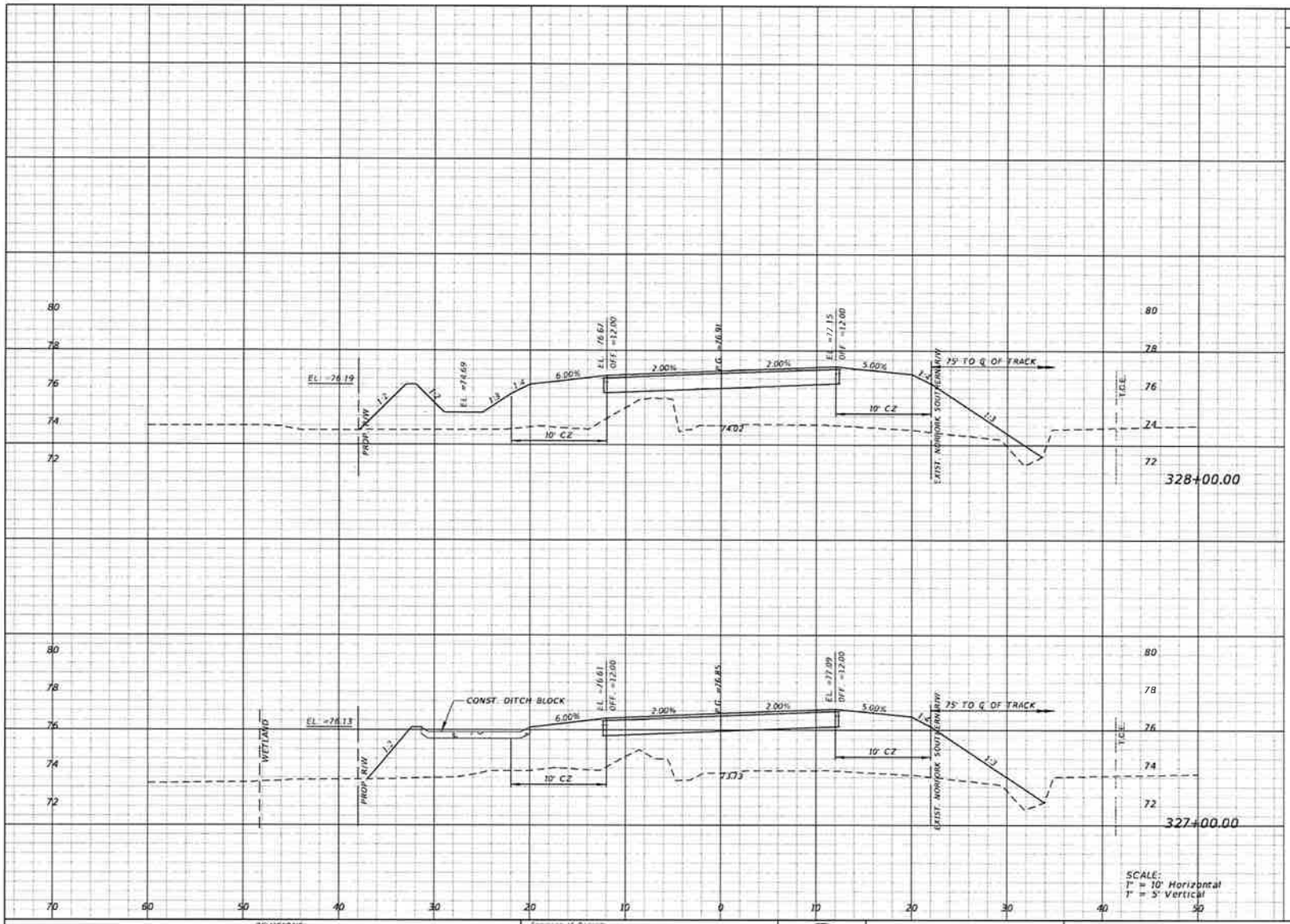

Regular Exc.		Embankment	
A	V	A	V
0.0		134.4	
	0		545
0.0		159.6	
	0		545

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 137

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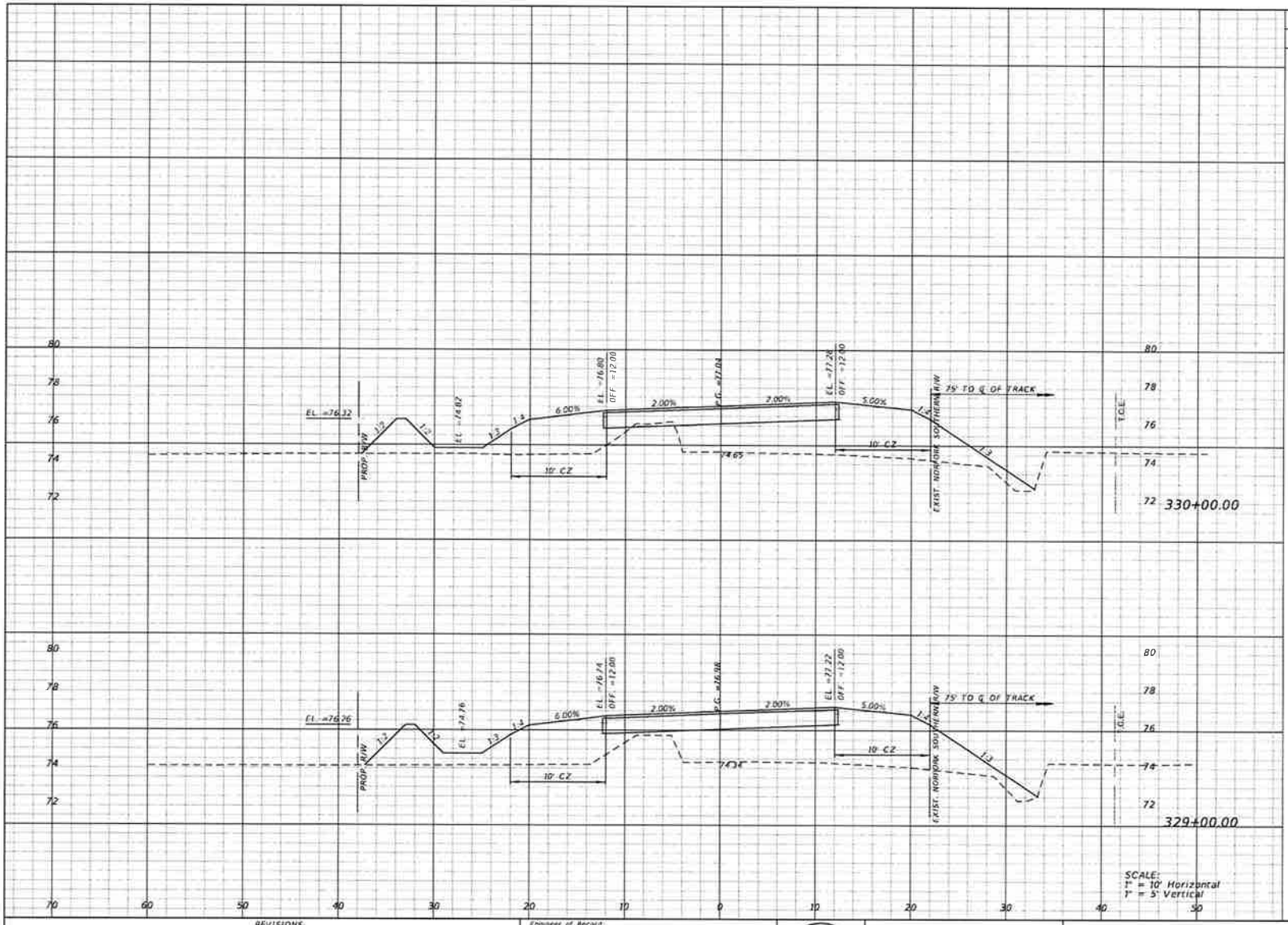

Regular Exc.		Embankment	
A	V	A	V
0.6	1	98.2	397
0.0	0	115.9	464

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 138

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

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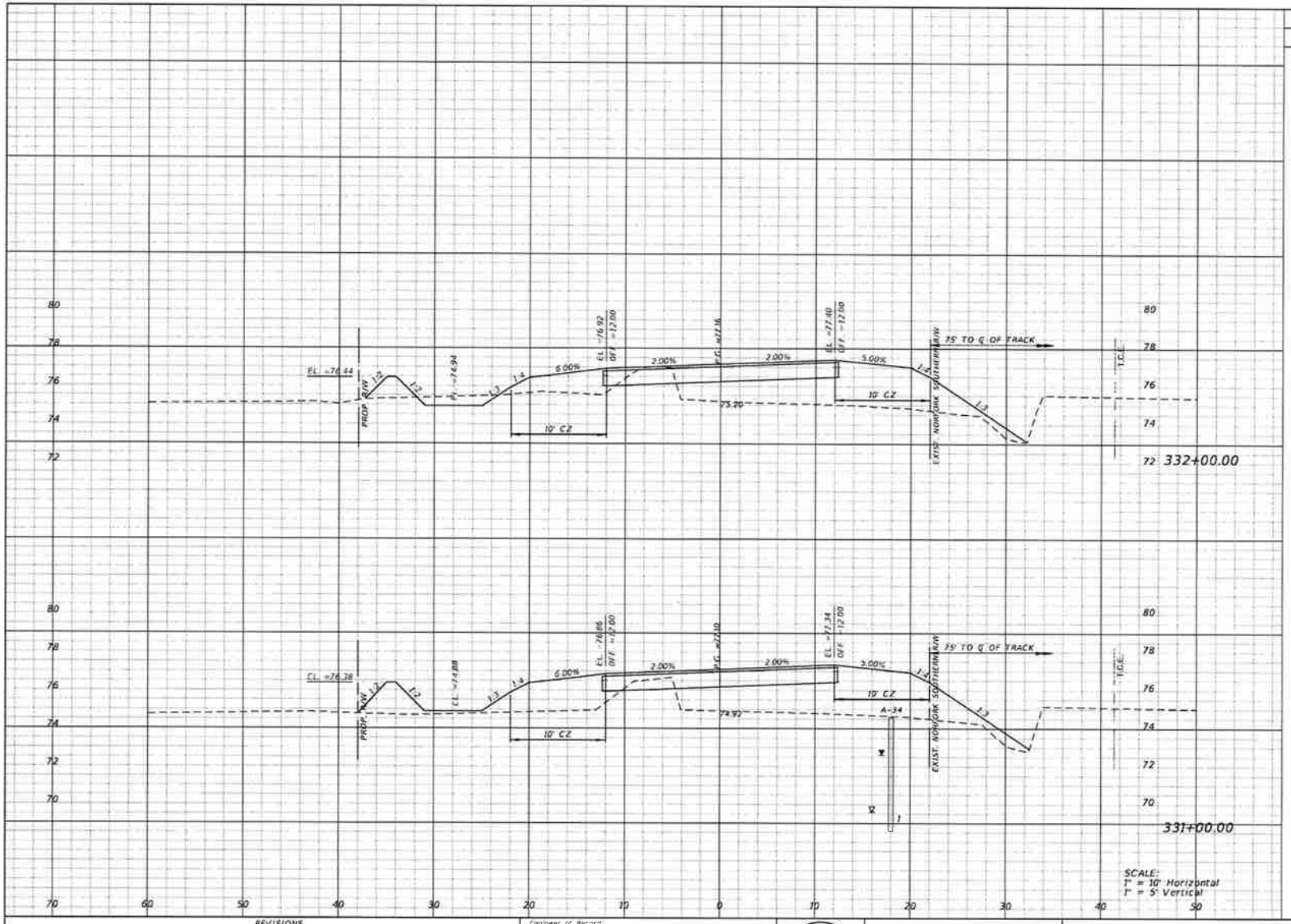

	Regular Exc.		Embankment	
	A	V	A	V
332+00.00	8.0	19	63.5	27.3
331+00.00	2.5	6	83.7	337

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
139

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Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Roadway\Sheet 40_Phase II\RD35A004.DGN Paul 5/12/2020 5:52:48 AM

	Regular Exc.		Embankment	
	A	V	A	V
335+00.00	15.1	44	36.3	147
334+00.00	8.5	39	43.3	176
333+00.00	12.5	38	51.5	213

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 140

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Regular Exc.		Embankment	
A	V	A	V
28.7	91	19.2	90
20.6	79	29.3	118
21.9	69	34.4	131

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 141

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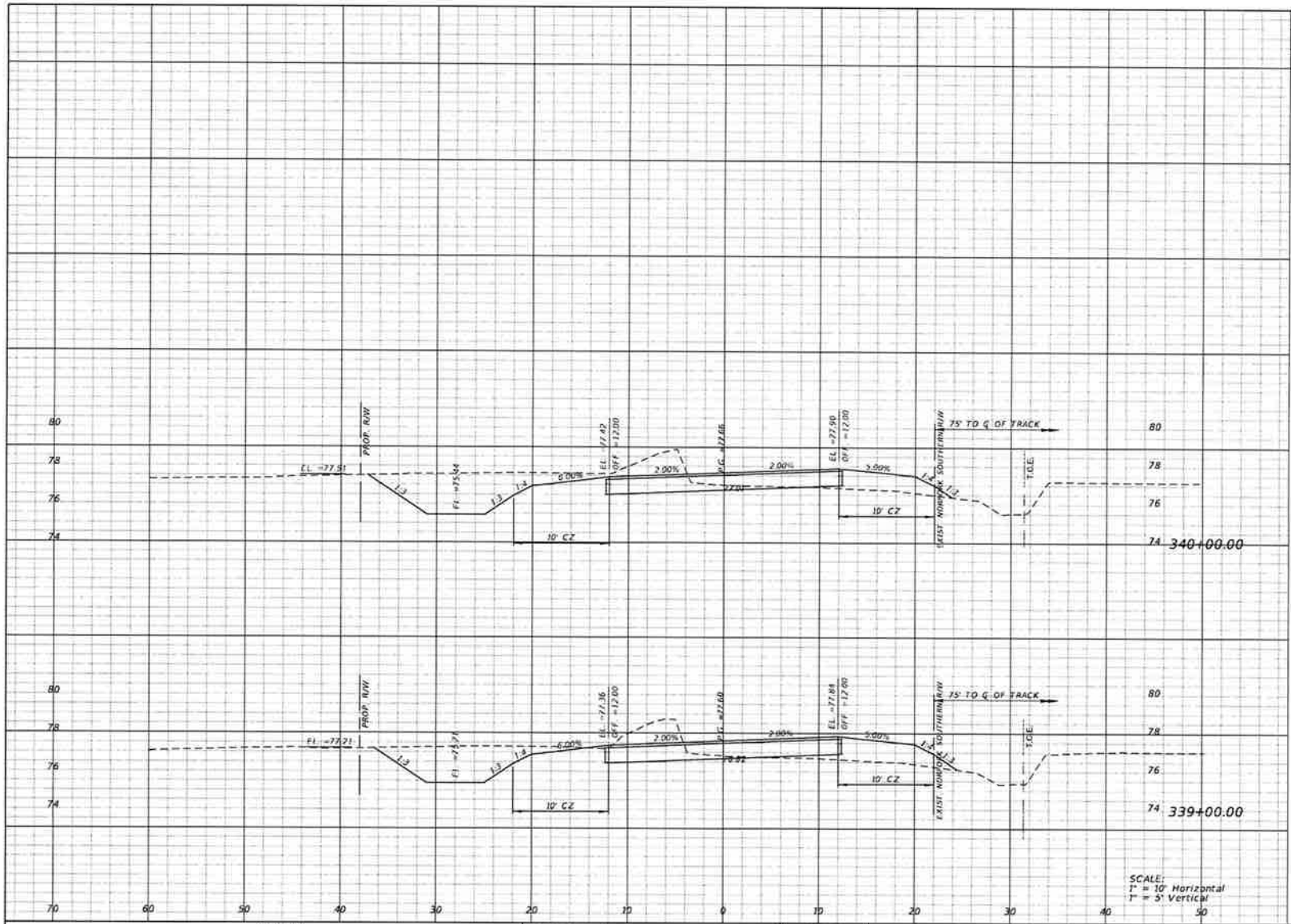

Regular Exc.		Embankment	
A	V	A	V
46.6	157	9.3	40
38.3	124	12.4	58

SCALE:
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

Michael L. Holcomb
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
142

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	Regular Exc.		Embankment	
	A	V	A	V
342+00.00	41.0	159	8.3	31
341+00.00	44.8	169	8.4	33

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
143

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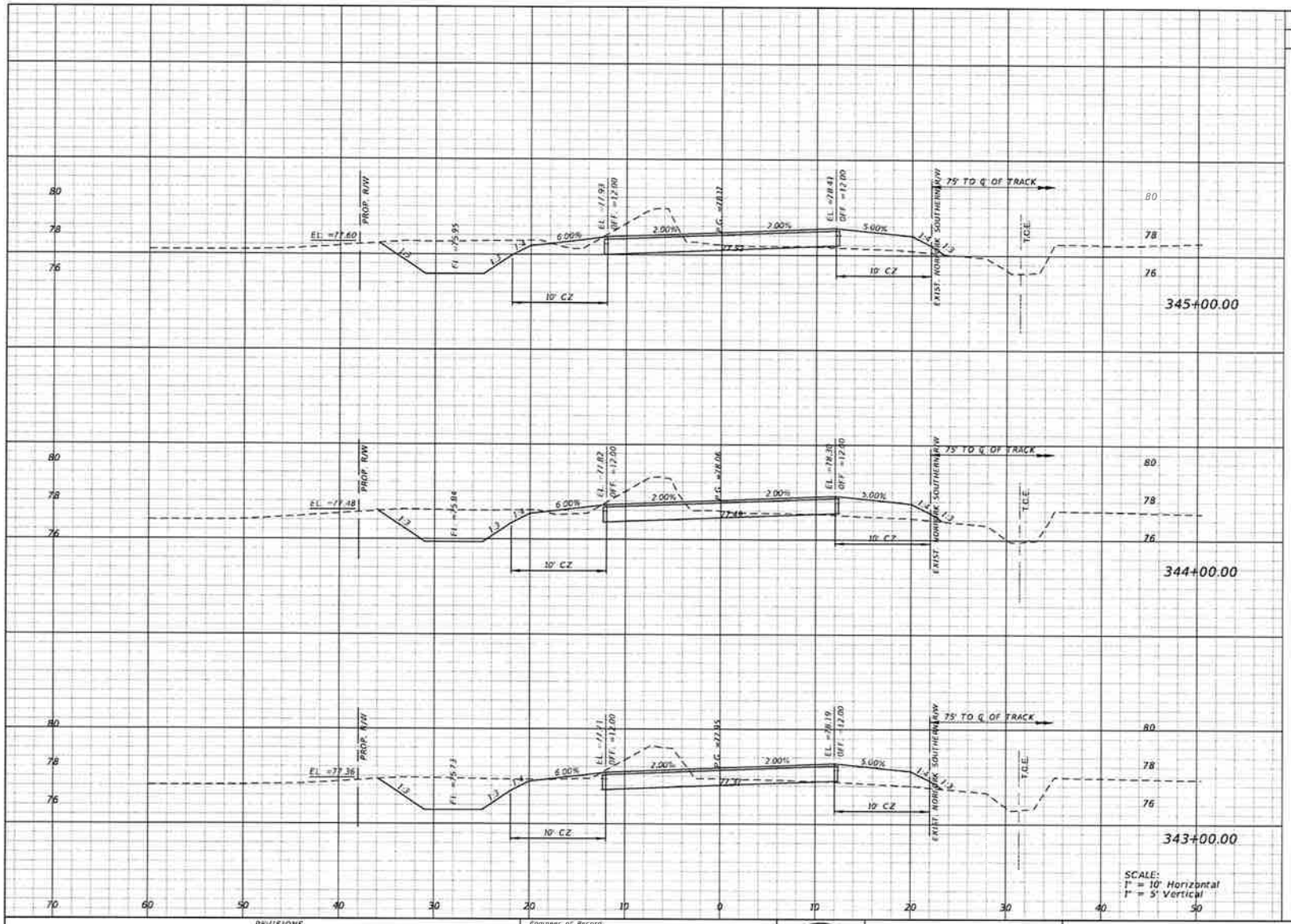

Regular Exc.		Embankment	
A	V	A	V
37.1	137	9.7	36
37.0	137	9.6	34
37.1	145	8.9	32

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
144

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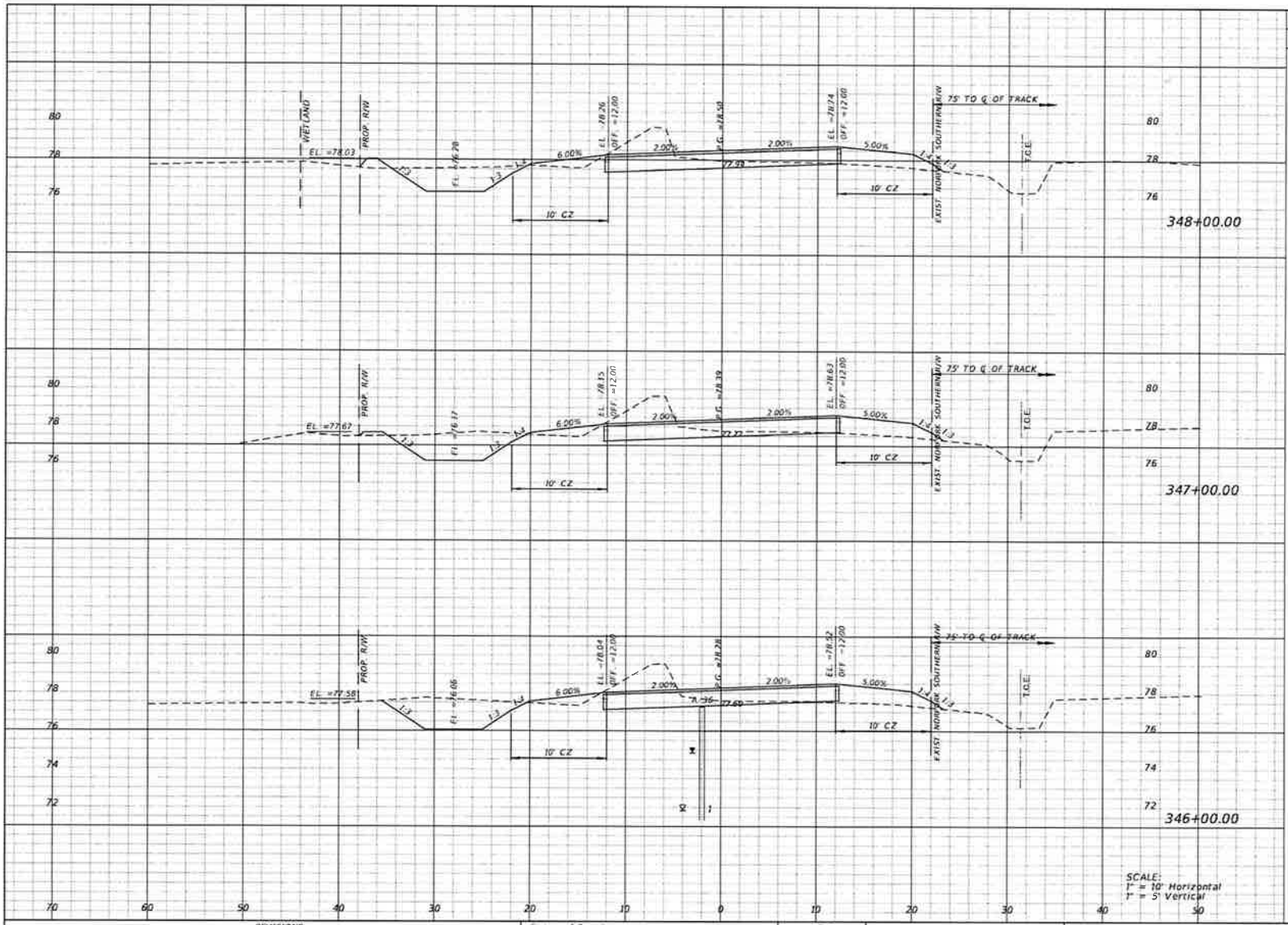

	Regular Exc.		Embankment	
	A	V	A	V
348+00.00	30.2	115	11.4	41
347+00.00	32.0	122	10.5	39
346+00.00	33.8	131	10.3	37

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 145

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	Regular Exc.		Embankment	
	A	V	A	V
351+00.00	53.0	178	5.3	25
350+00.00	42.9	134	8.5	37
349+00.00	29.5	111	11.5	42

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
146

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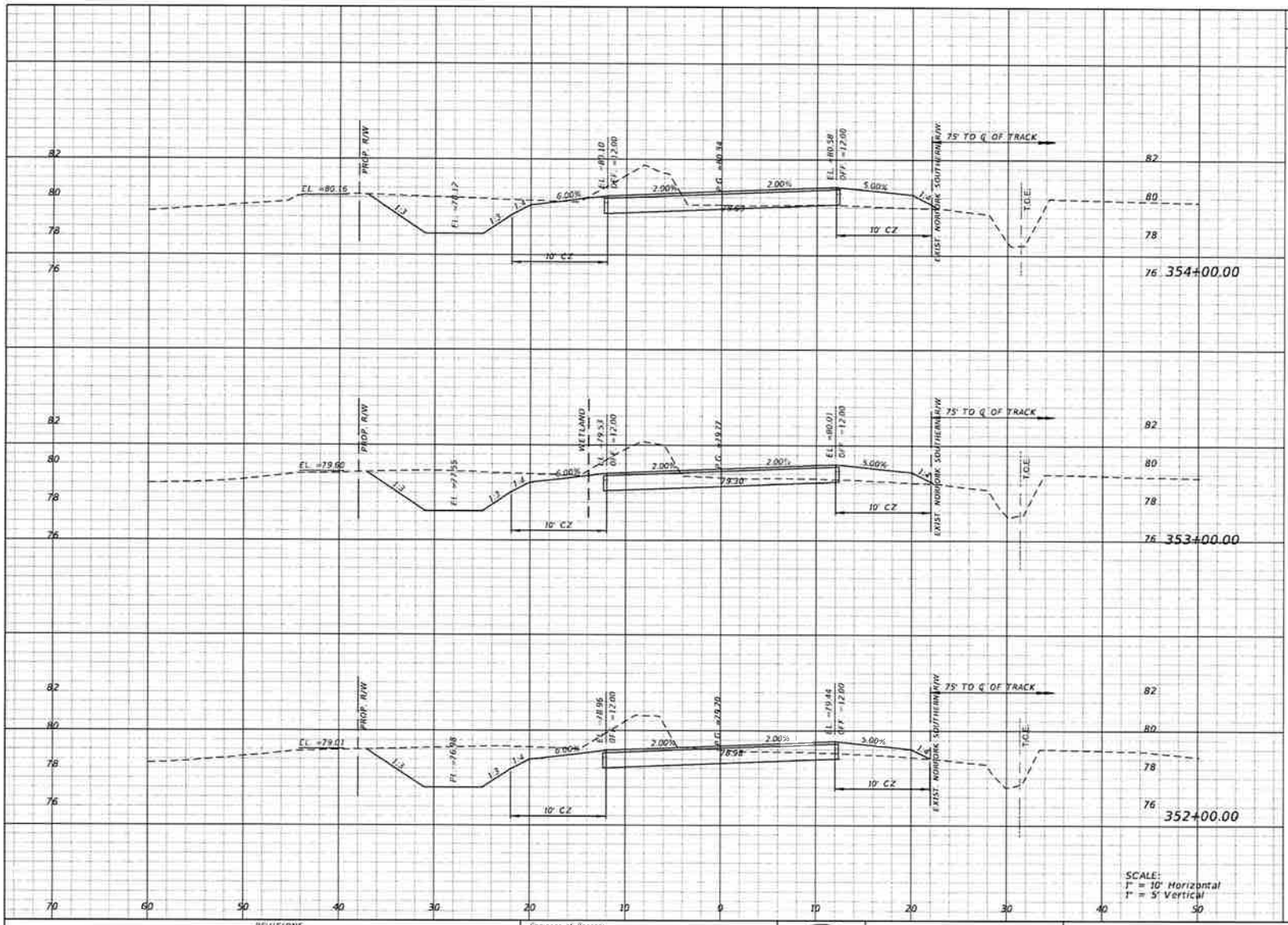

	Regular Exc.		Embankment	
	A	V	A	V
354+00.00	40.6	167	7.2	24
353+00.00	49.5	198	5.7	19
352+00.00	57.2	204	4.3	18

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:

EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 147

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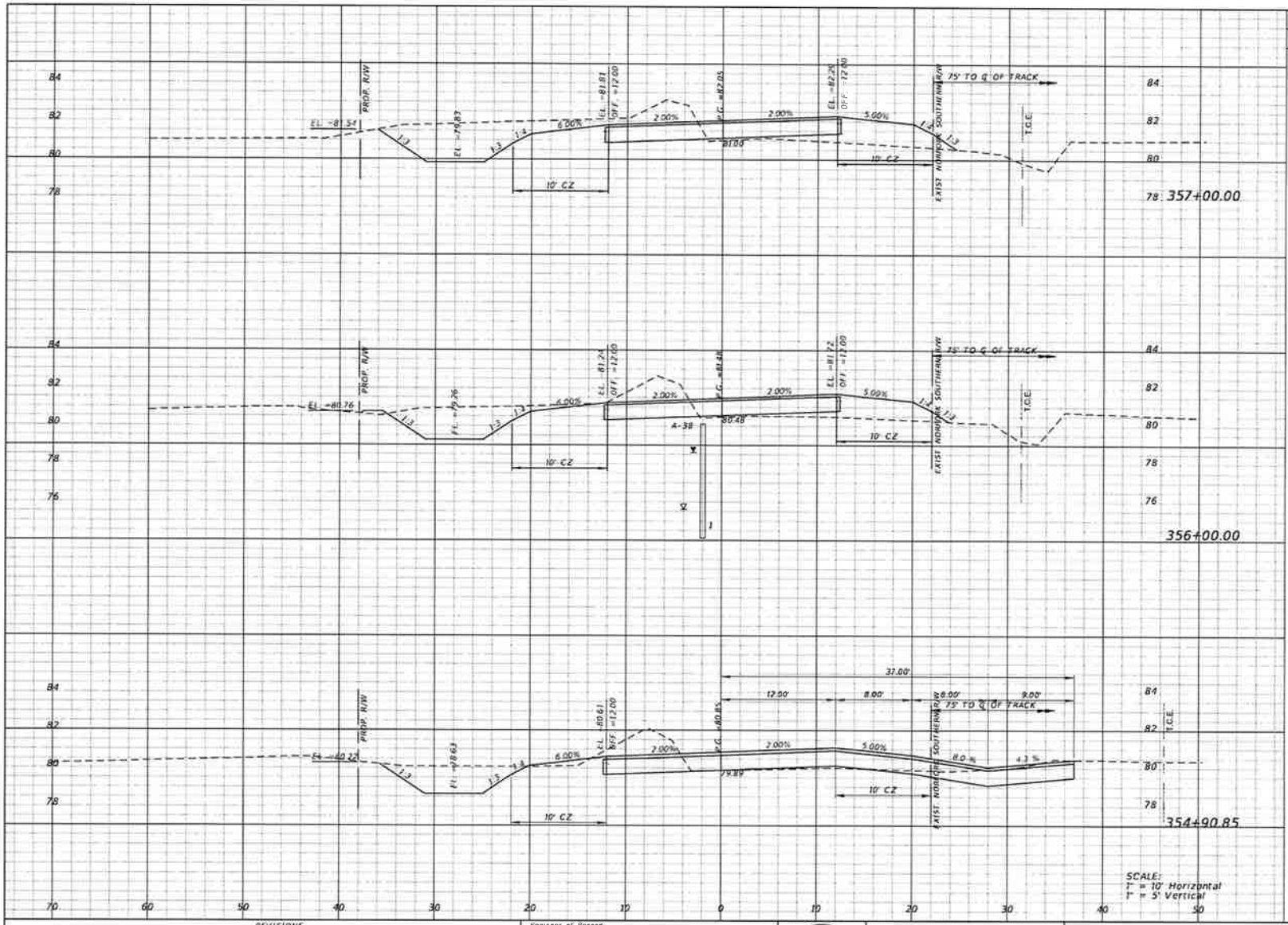

	Regular Exc.		Embankment	
	A	V	A	V
357+00.00	43.9	145	15.4	53
356+00.00	34.6	157	13.1	31
354+90.85	43.0	141	2.1	15

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
148

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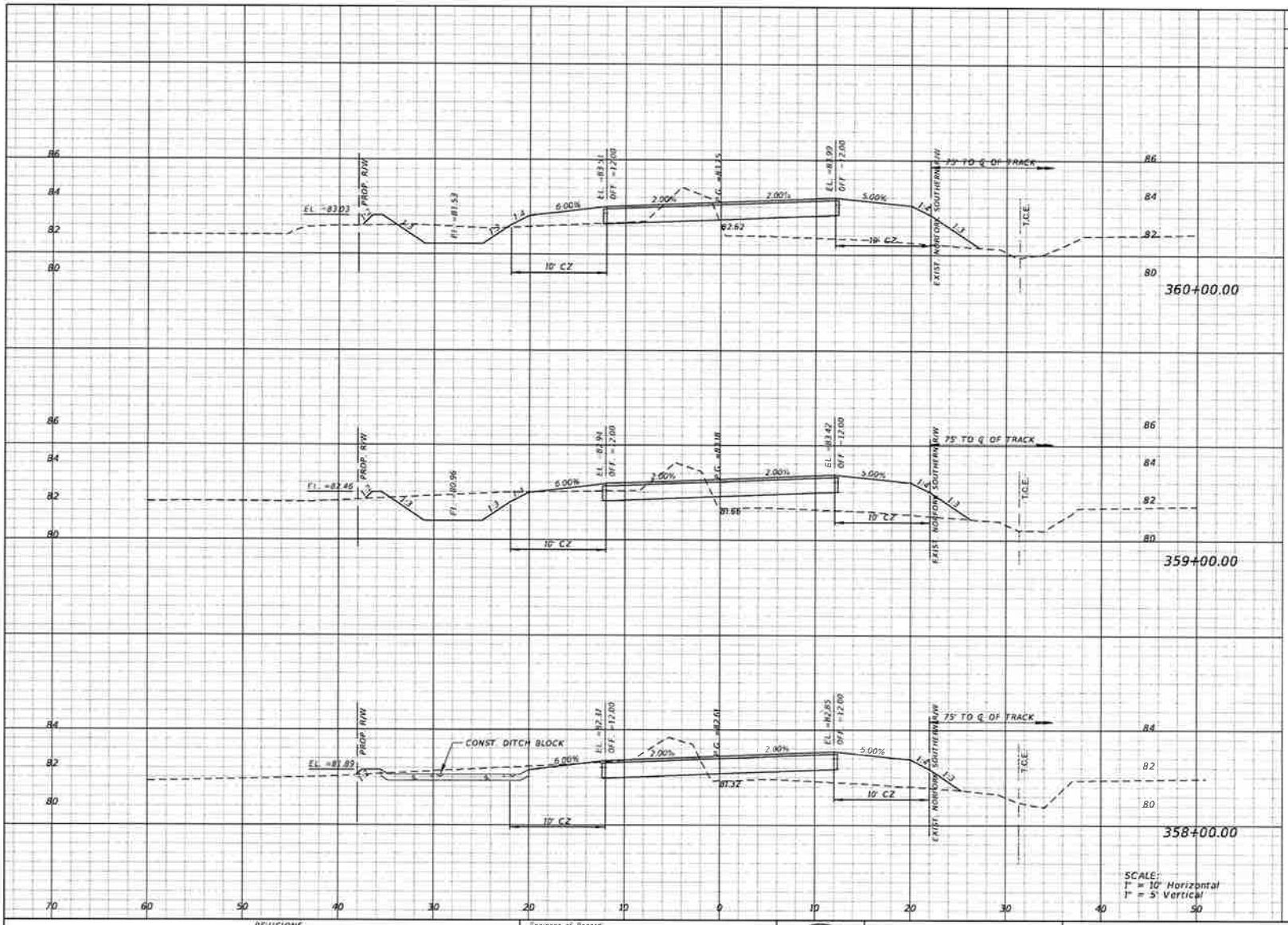

	Regular Exc.		Embankment	
	A	V	A	V
360+00.00	16.8	79	43.5	138
359+00.00	25.9	82	31.2	100
358+00.00	18.3	115	22.6	70

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Consulting Engineers | General Contractors
Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 149

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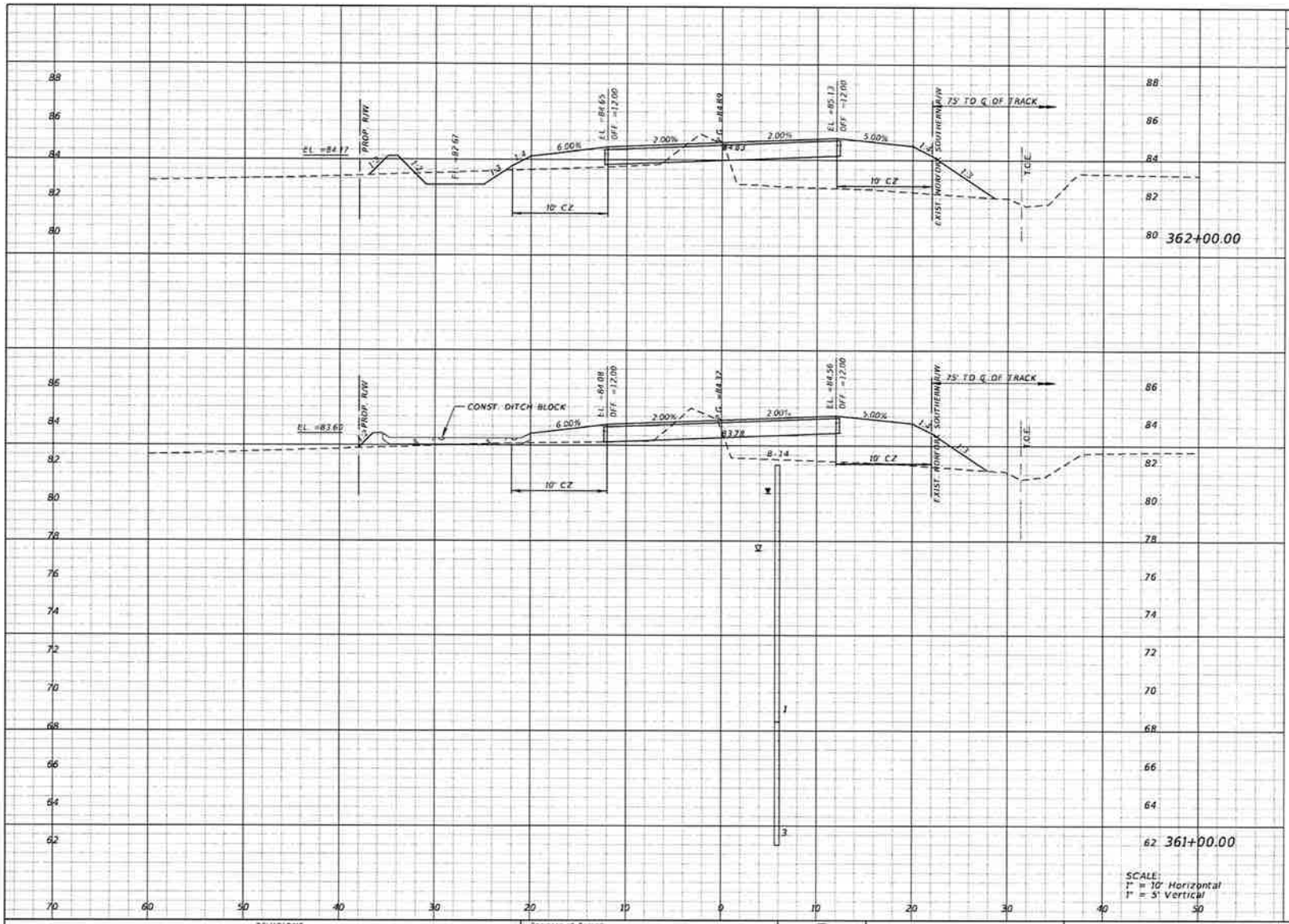

Regular Exc.		Embankment	
A	V	A	V
11.1		59.3	
	33		210
7.0		54.2	
	44		181

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
150

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	Regular Exc.		Embankment	
	A	V	A	V
365+00.00	3.7	13	89.1	335
364+00.00	3.1	20	92.0	312
363+00.00	7.6	35	76.6	252

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 151

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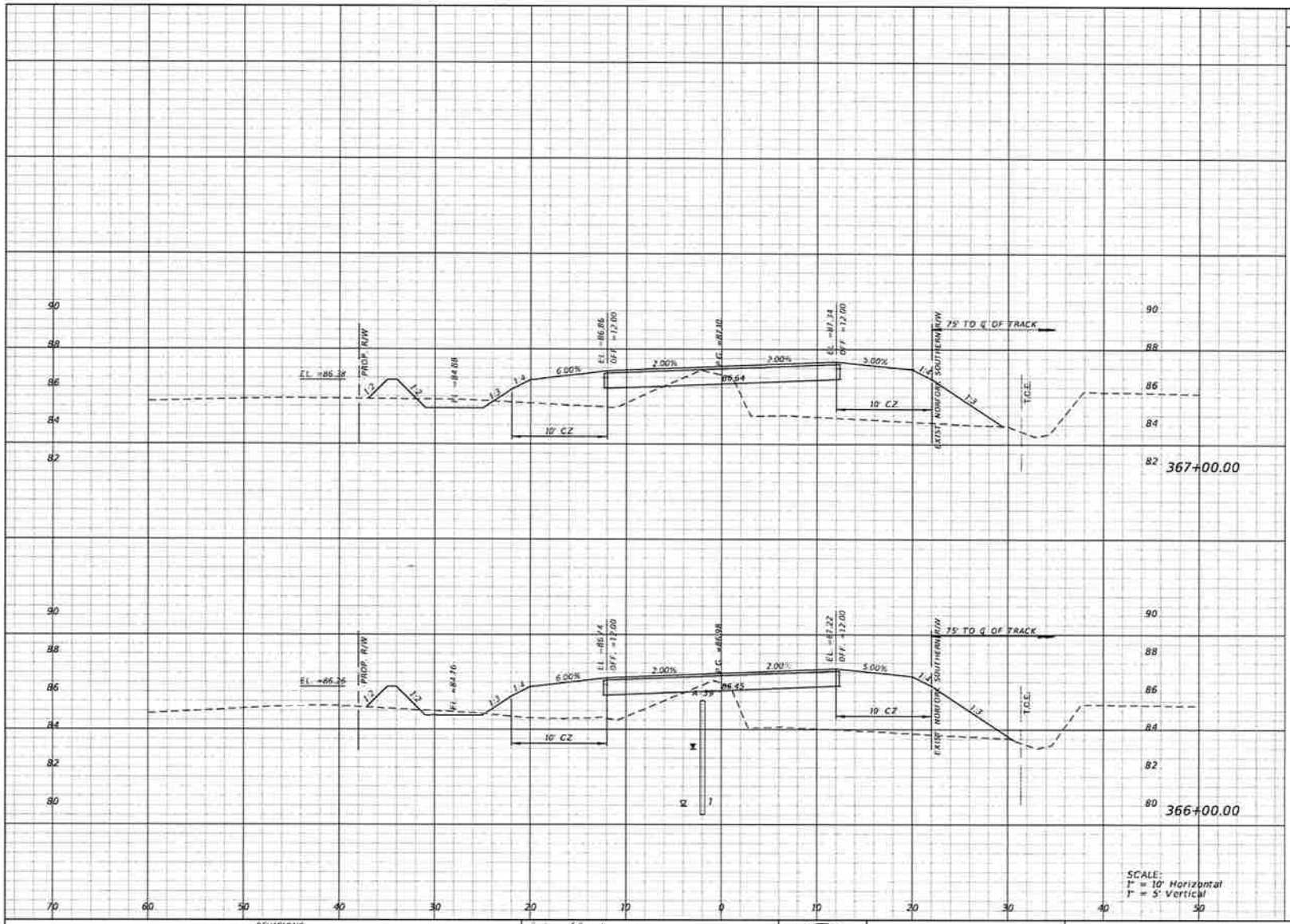

	Regular Exc.		Embankment	
	A	V	A	V
367+00.00	6.7	17	77.3	315
366+00.00	2.7	12	93.0	337

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

Michael L. Holcomb
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 152

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Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
14.1	53	52.1	203
14.6	43	57.6	230
8.6	28	66.8	267

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 153

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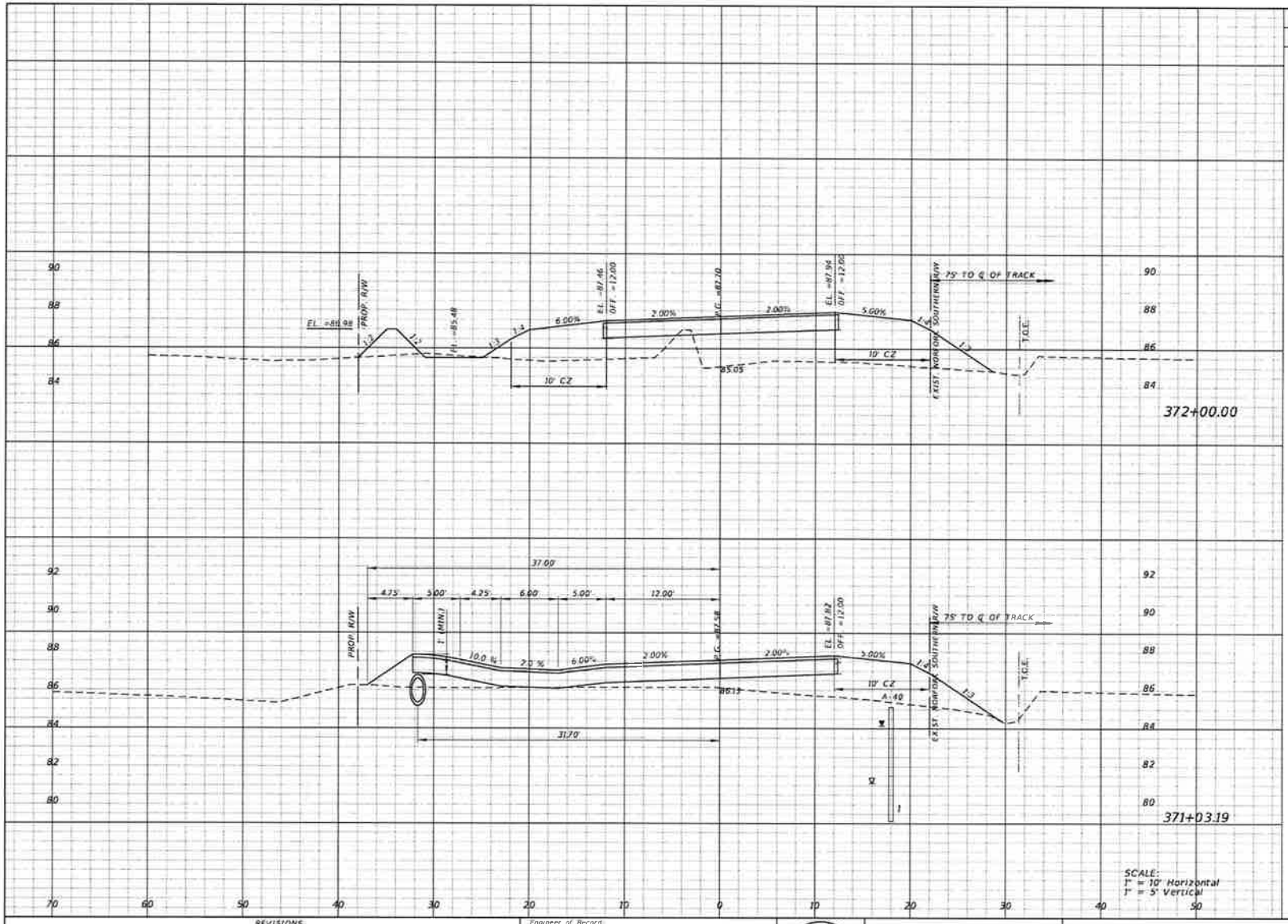

	Regular Exc.		Embankment	
	A	V	A	V
372+00.00	1.3		88.5	
		9		253
371+03.19	3.7		52.5	
		34		200

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 154

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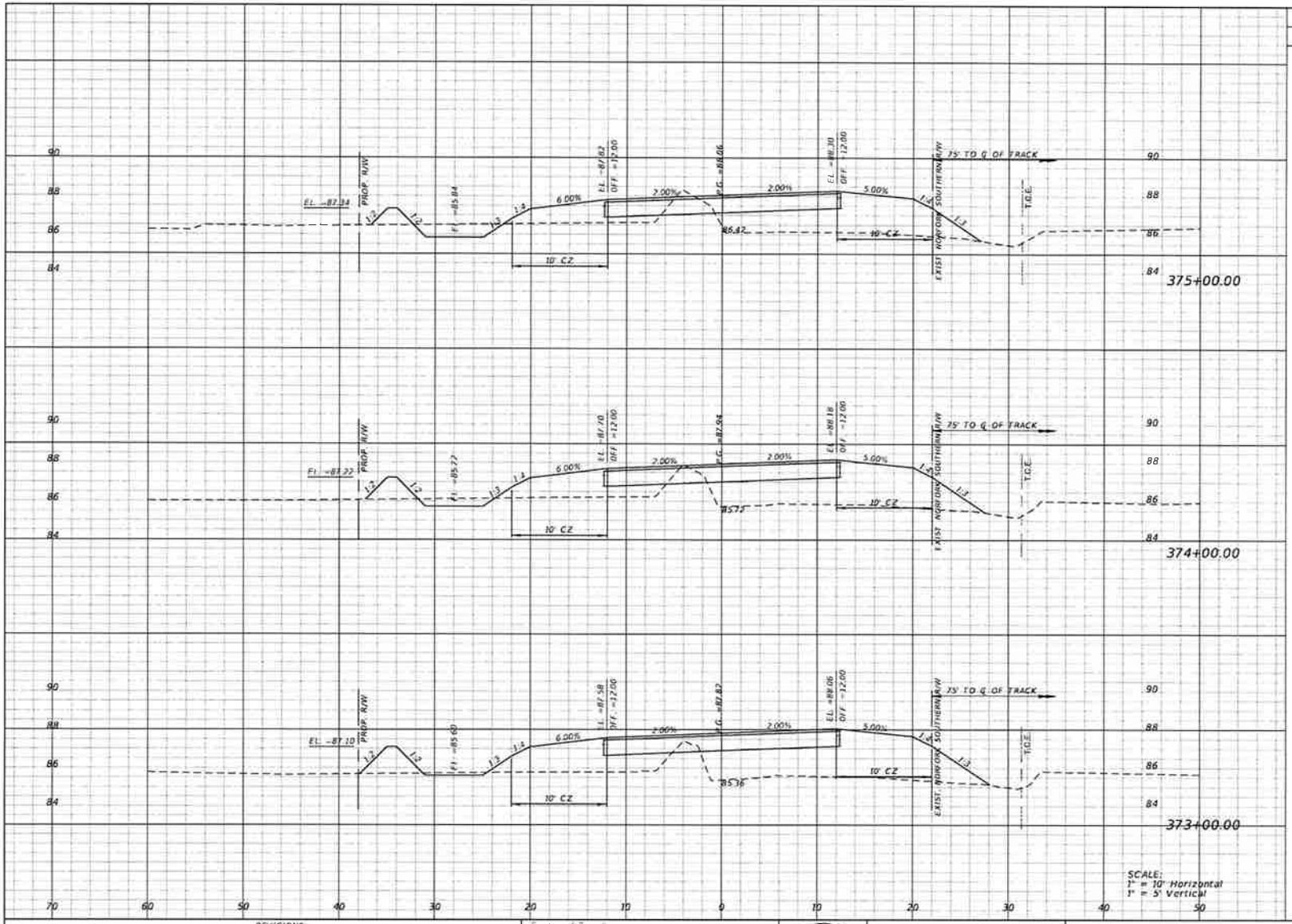

Regular Exc.		Embankment	
A	V	A	V
9.6	28	50.5	211
5.4	14	63.1	260
2.0	6	77.2	307

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 155

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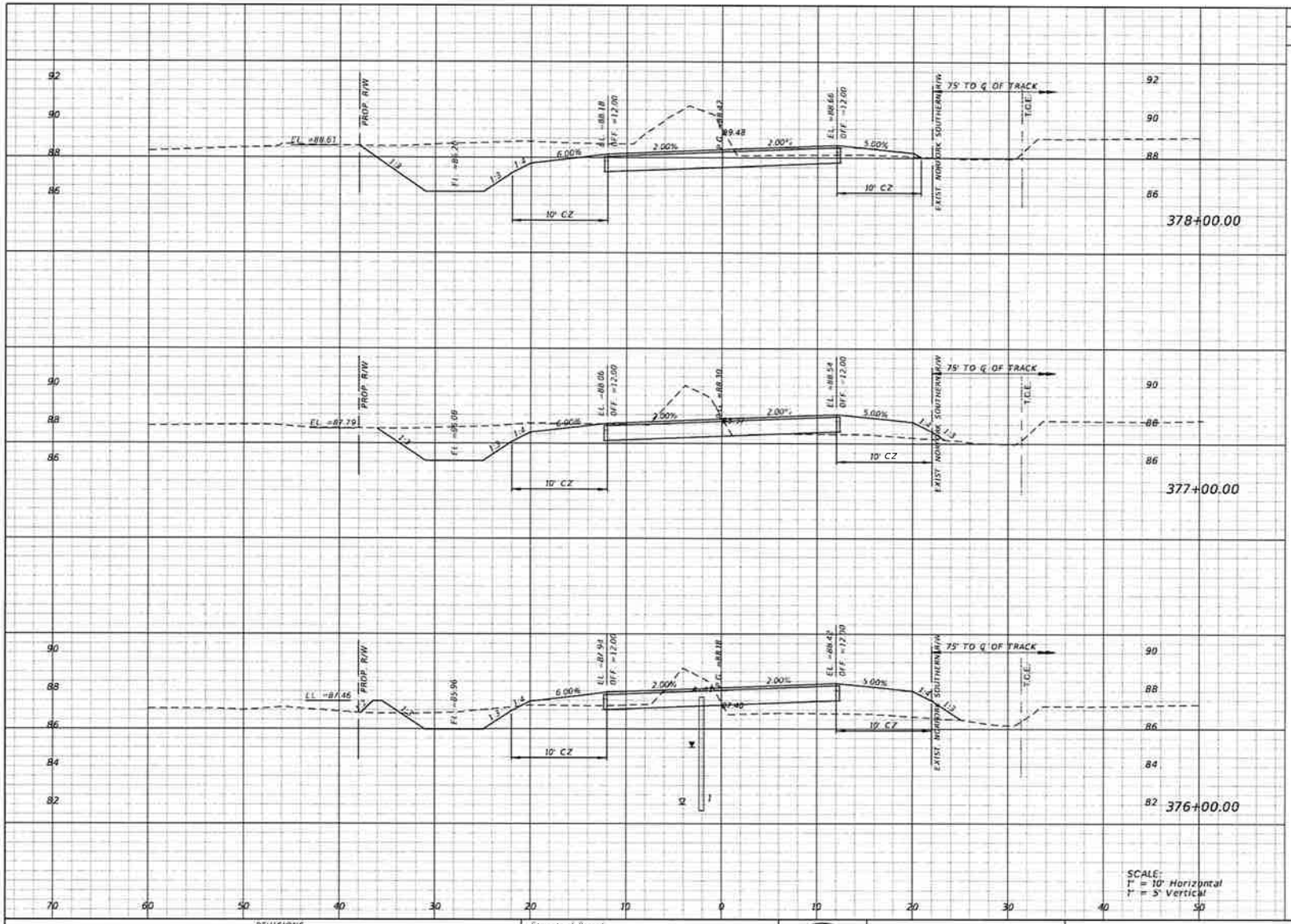

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
75.1	217	2.6	21
41.8	112	8.9	68
18.9	53	27.6	145

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 156

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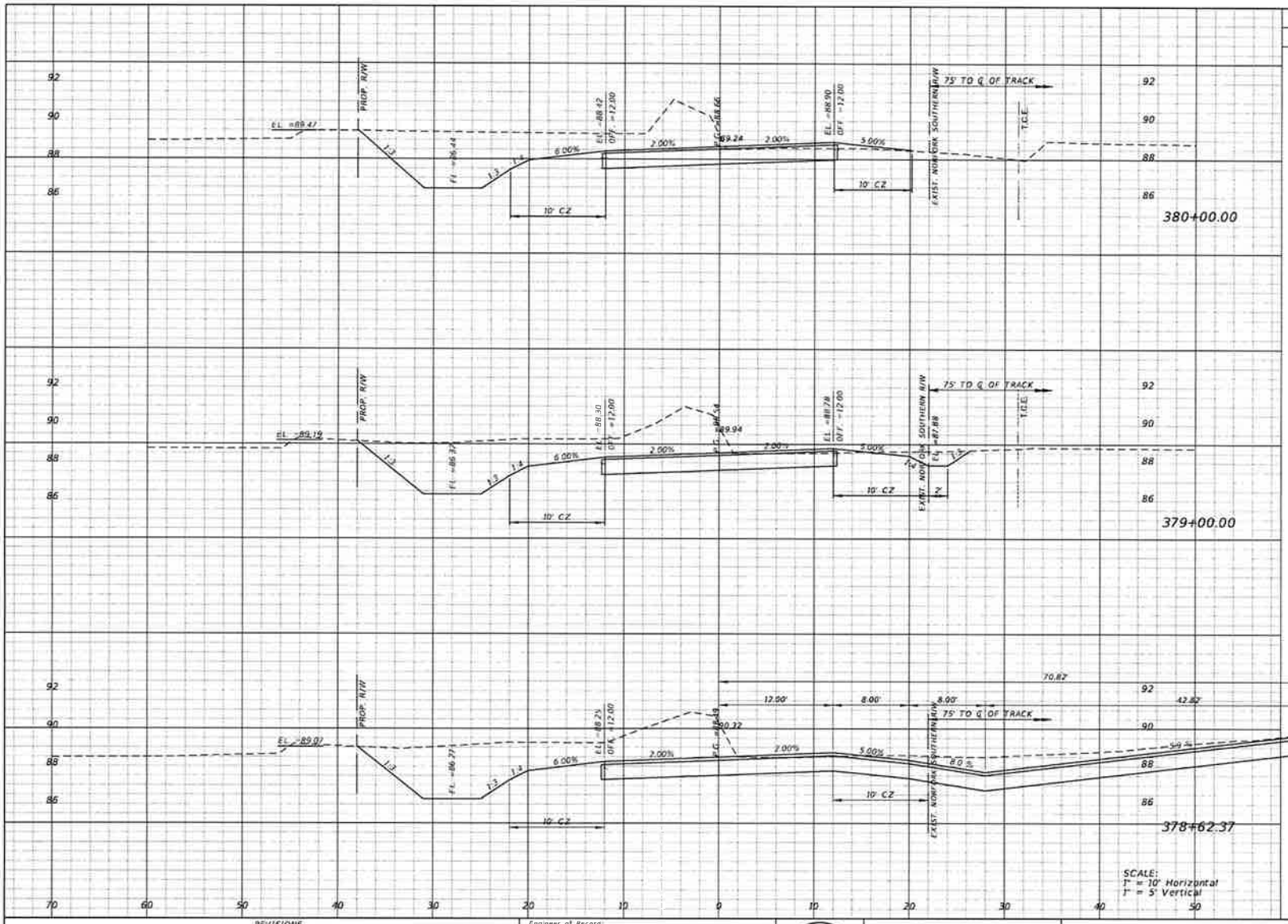

Regular Exc.		Embankment	
A	V	A	V
89.4	342	11	3
95.0	183	0.3	0
167.3	280	0.0	3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 157

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000003\Preliminary\Sheet 40_Phase II\RDXSRD04.DGN PAJ 5/13/2020 5:56:57 AM

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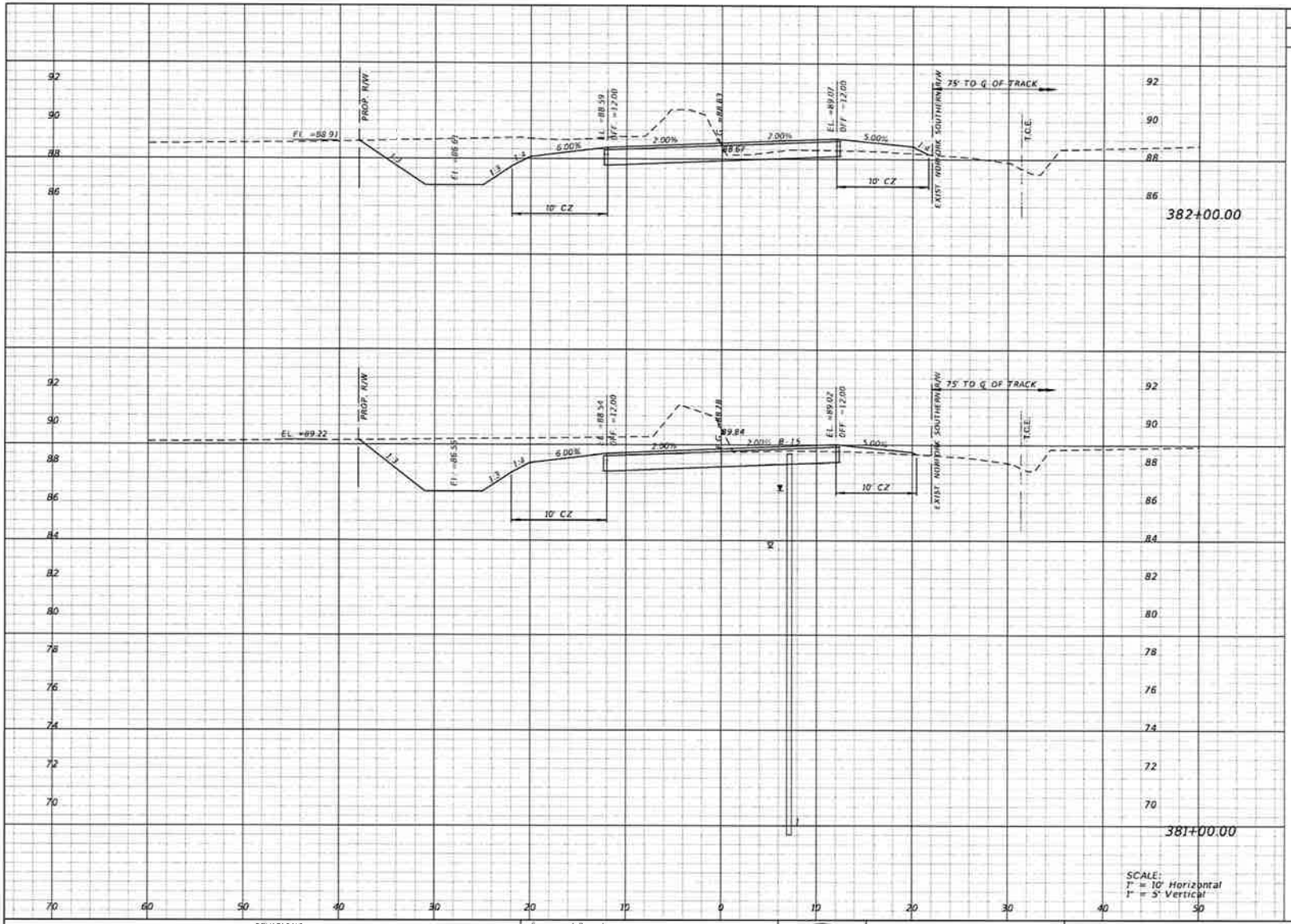

Regular Exc.		Embankment	
A	V	A	V
65.0		3.9	
	274		10
82.9		1.6	
	319		5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 158

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Regular Exc.		Embankment	
A	V	A	V
9.3	87	31.1	85
37.7	153	14.8	41
45.0	204	7.2	20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 159

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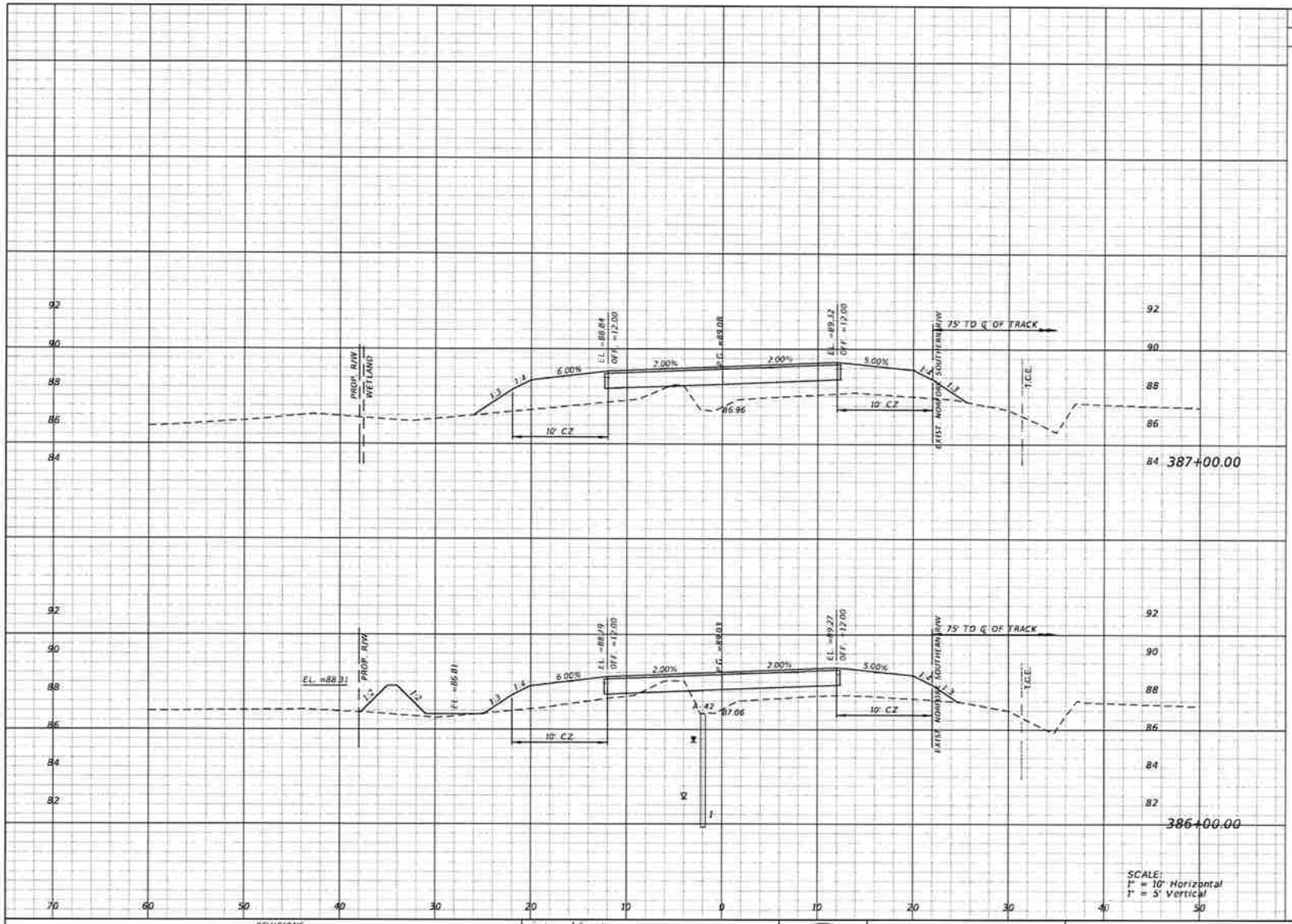

Regular Exc.		Embankment	
A	V	A	V
0.1		50.5	
	4		17.9
2.1		46.0	
	21		14.3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 160

Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000002\Roadway\Sheet 60_Phase II\RD15E004.DGN Paul 5/12/2020 6:02:49 AM

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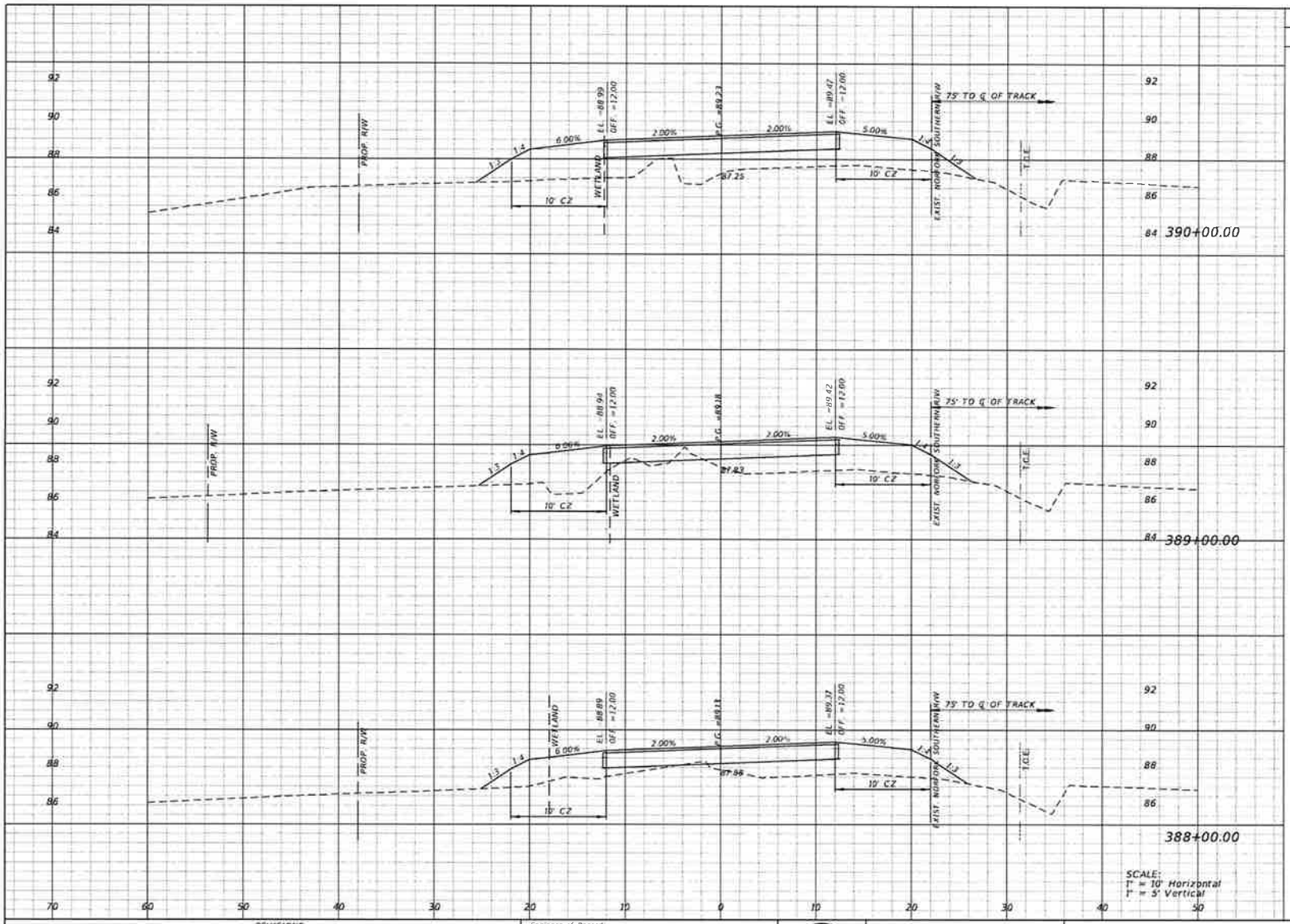

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	2	59.6	200
1.4	3	48.1	165
0.3	1	41.0	170

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 161

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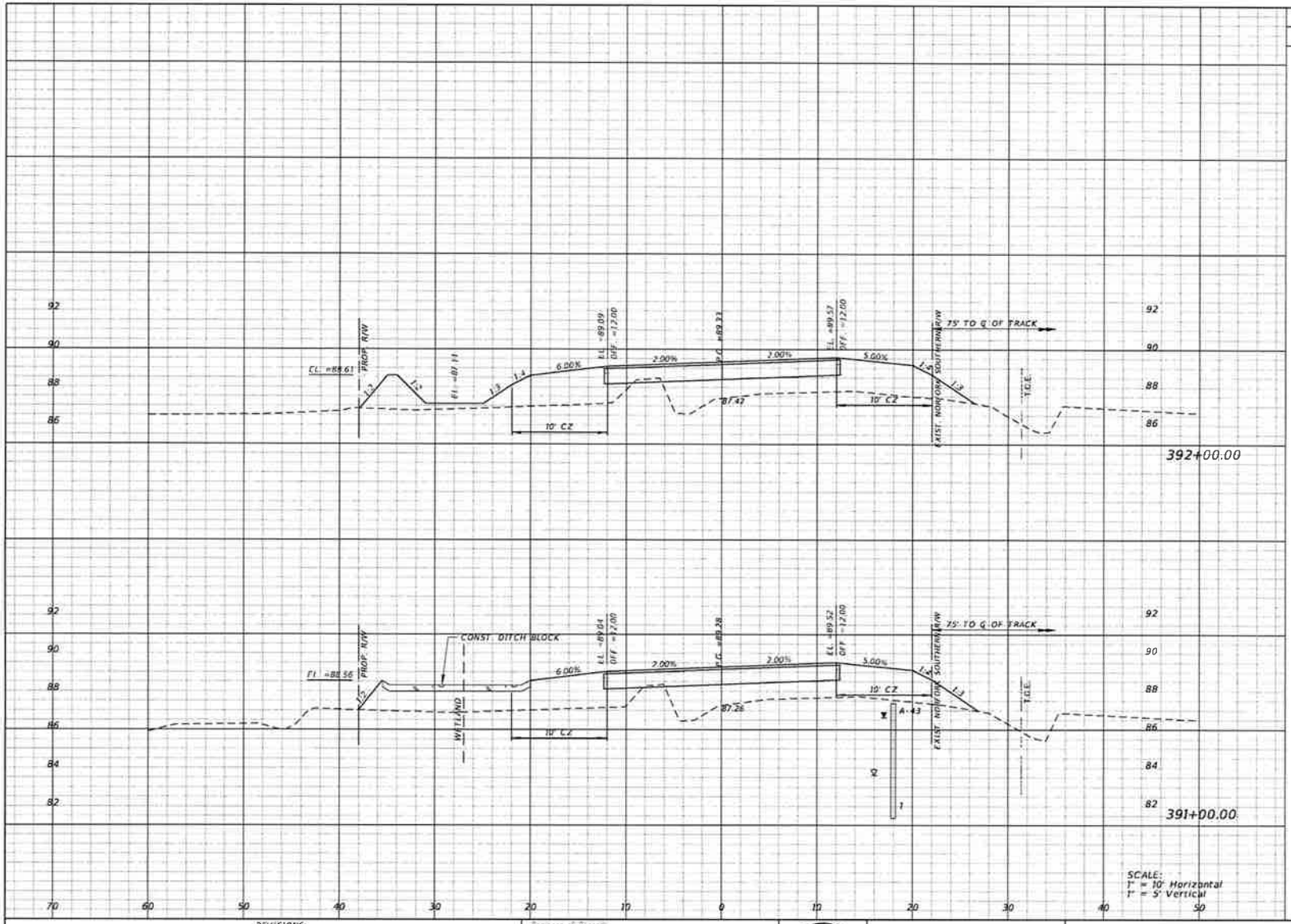

Regular Exc.		Embankment	
A	V	A	V
0.5	1	71.6	294
0.2	0	87.3	272

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 162

Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Roadway\Sheet 40_Phase II\RD15RD04.DGN Paul 5/17/2020 6:03:22 AM

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

Regular Exc.		Embankment	
A	V	A	V
2.0		73.4	
	8		243
2.3		57.8	
	6		227
0.8		65.0	
	2		253

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 163

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

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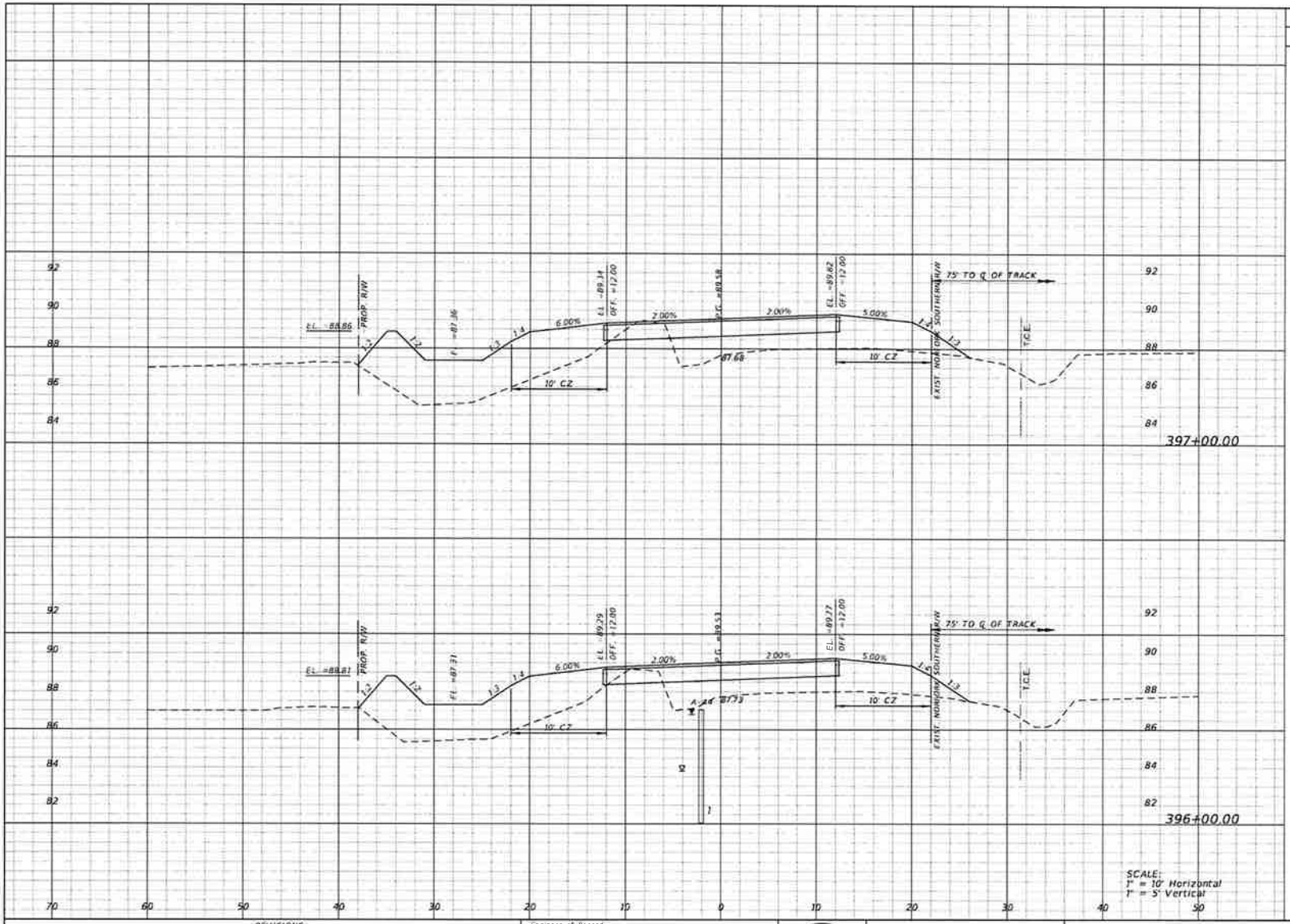

Regular Exc.		Embankment	
A	V	A	V
4.1	13	103.3	357
3.1	9	89.7	302

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 164

Z:\Project Directors\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Construction\Sheet RD_Phase II\RDXSRD04.DGN Paul 3/12/2020 6:04:04 AM

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	Regular Exc.		Embankment	
	A	V	A	V
400+00.00	2.0	9	71.4	275
399+00.00	3.0	14	76.9	252
398+00.00	4.8	16	59.2	301

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 165

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000001\Roadway\Sheet RD_Phase II\RDXS\RD04.DGN Paul 5/12/2020 6:04:24 AM

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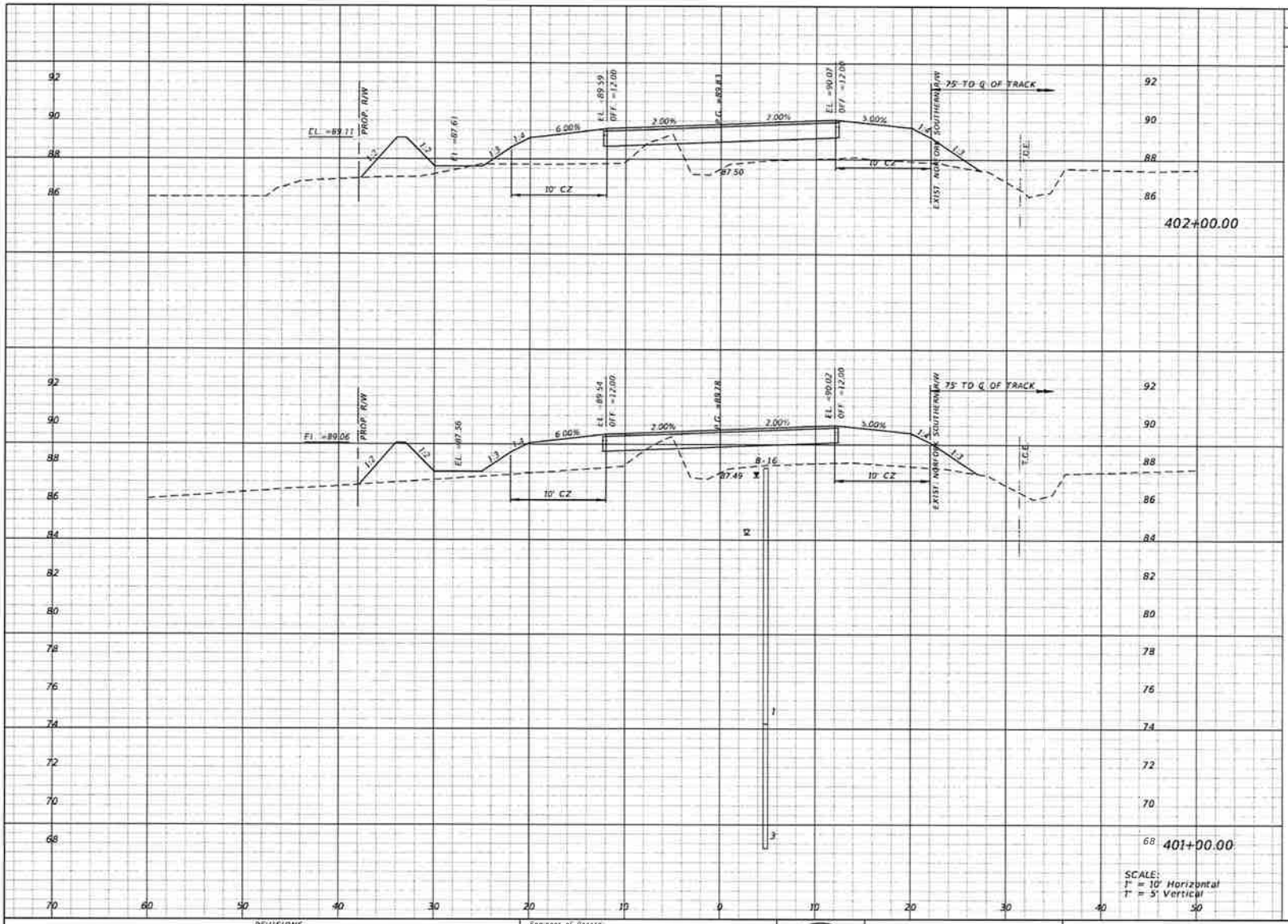

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
1.0		75.0	
	4		283
1.2		78.0	
	6		277

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 166

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Regular Exc.		Embankment	
A	V	A	V
0.4	2	72.7	270
0.8	3	73.2	273
0.9	4	74.2	276

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 167

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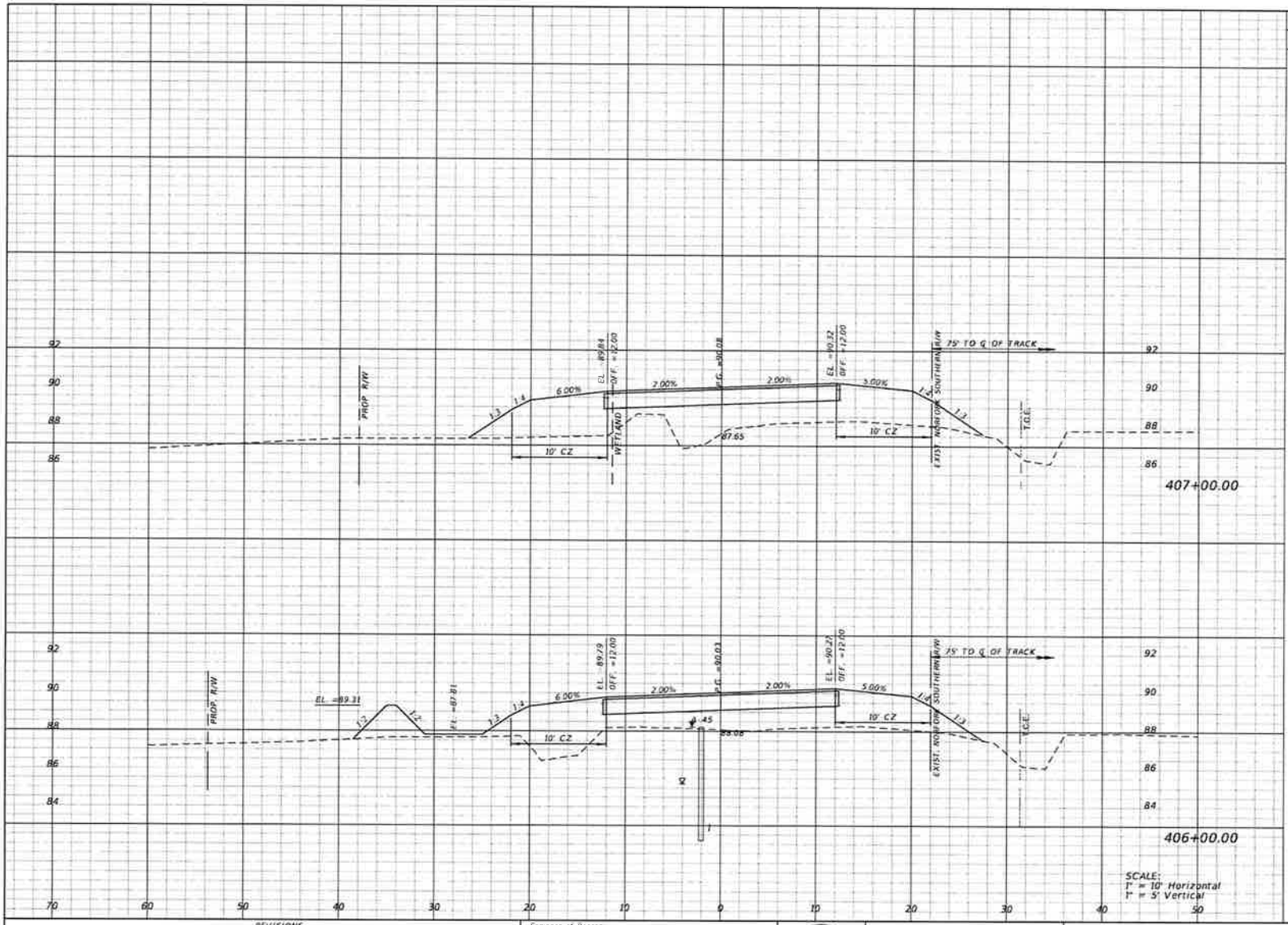

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	73.9	287
0.0	1	81.0	285

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 168

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Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
1.4	3	64.8	264
0.0	0	77.7	287
0.0	0	77.0	279

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
ElteonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 169

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Regular Exc.		Embankment	
A	V	A	V
4.3	22	55.5	185
7.5	21	44.3	182
3.9	10	54.0	220

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 170

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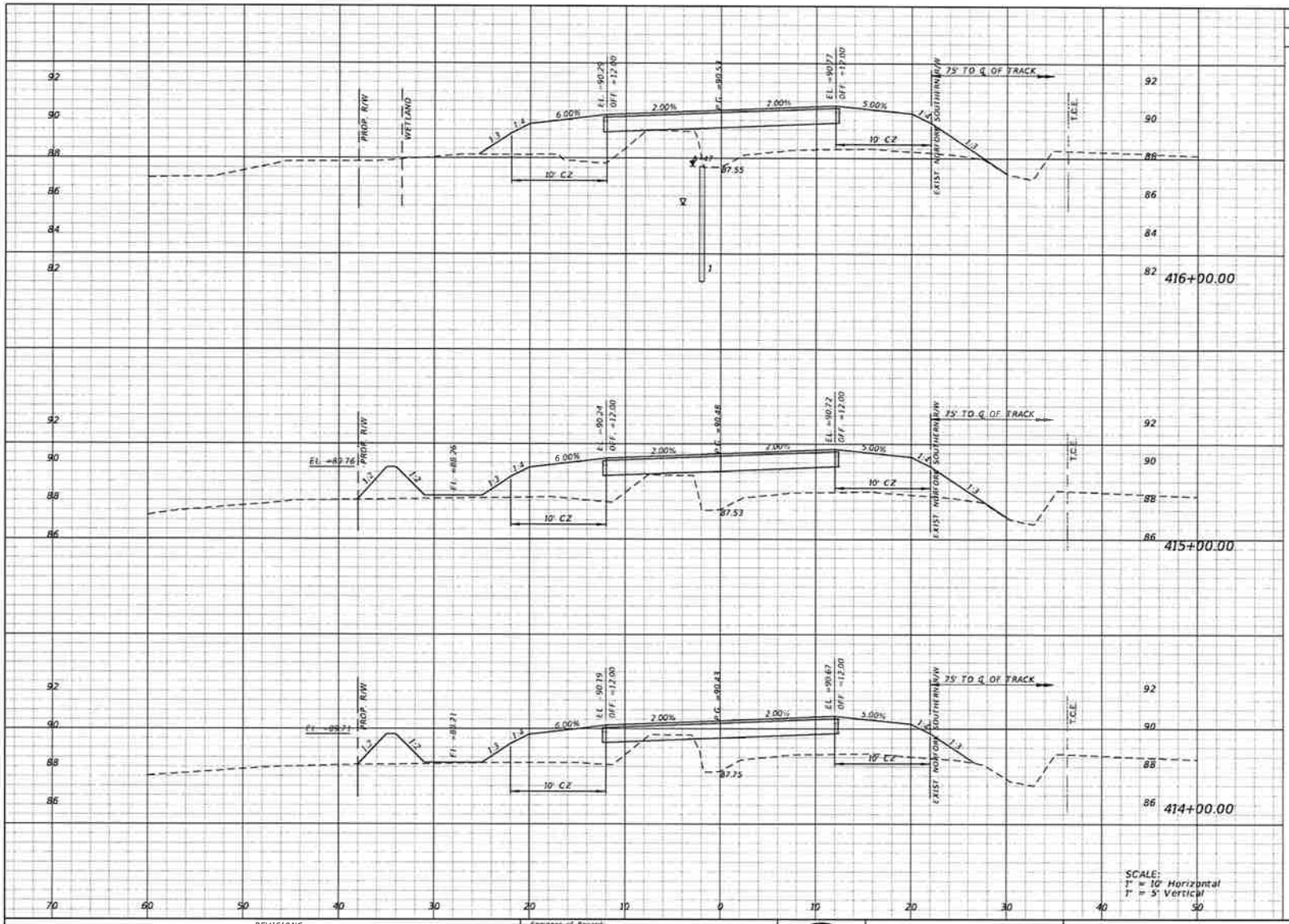

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	72.0	287
0.0	2	83.1	280
1.3	10	67.9	228

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 171

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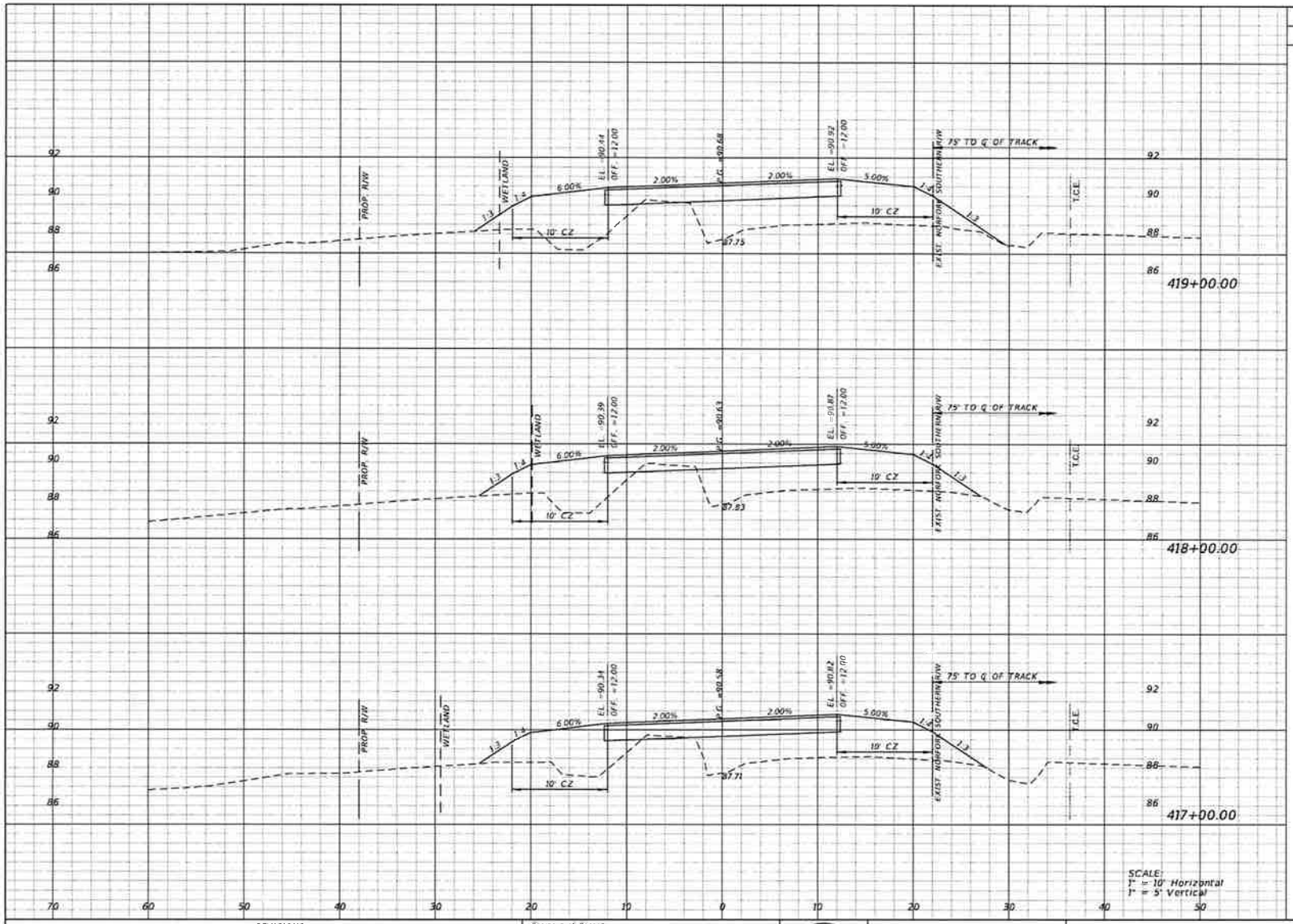

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.4	4	77.5	270
1.8	4	68.2	255
0.6	1	69.6	262

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 172

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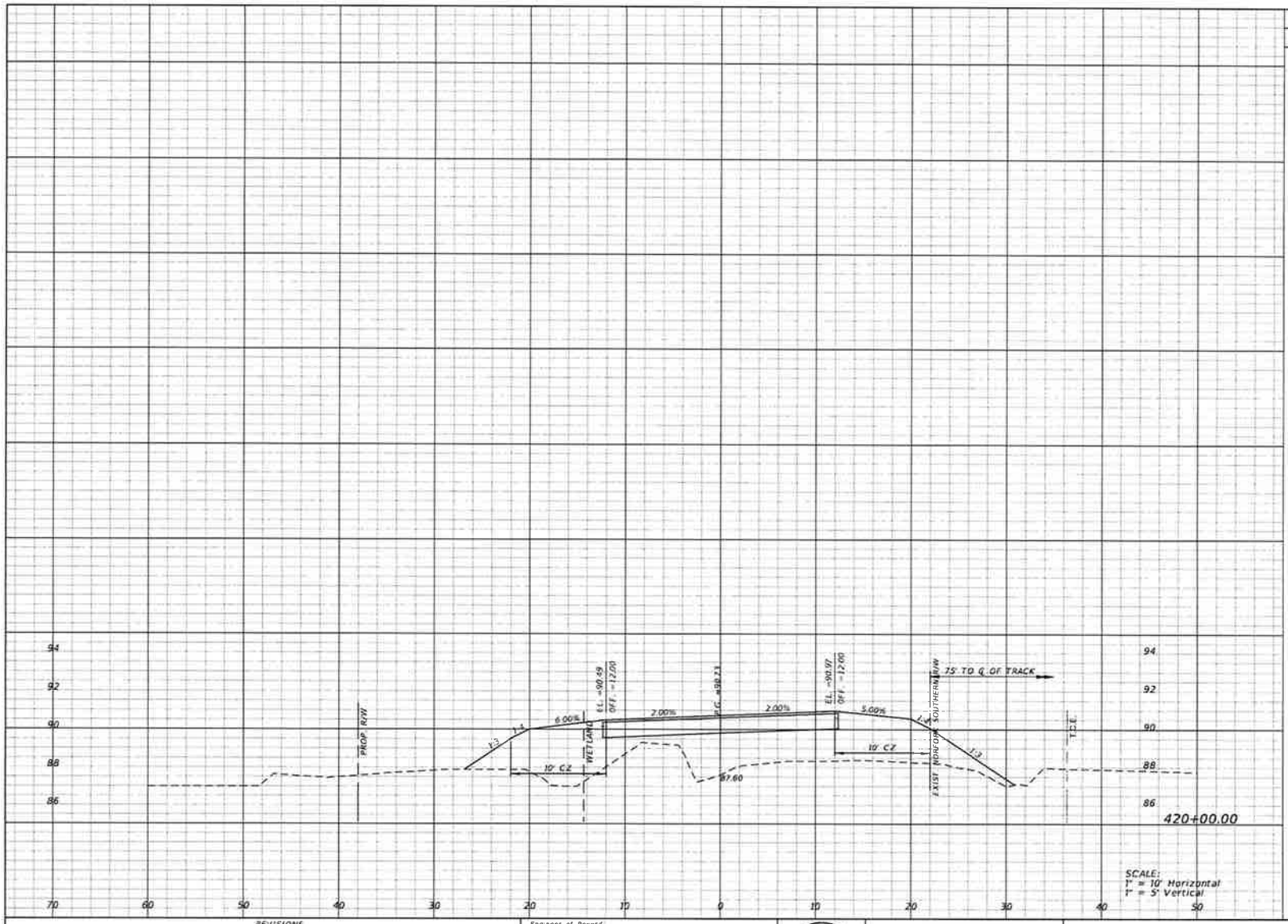

Regular Exc.		Embankment	
A	V	A	V
0.0		95.9	
	1		321

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
EltonAlan
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 173

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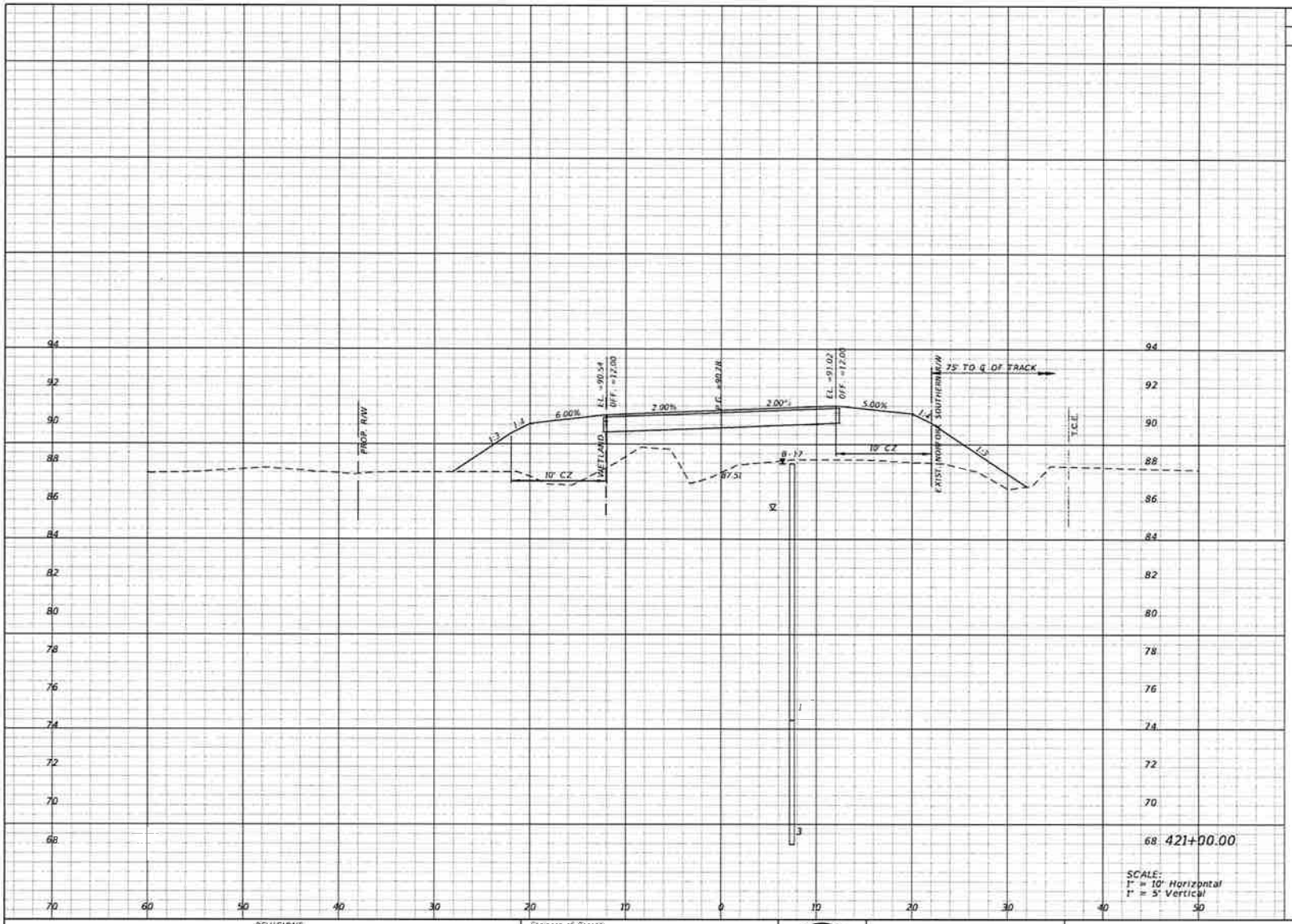

421+00.00

SCALE:
1" = 10' Horizontal
1" = 5' Vertical

Regular Exc.		Embankment	
A	V	A	V
0.0		116.1	
	0		393

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
174

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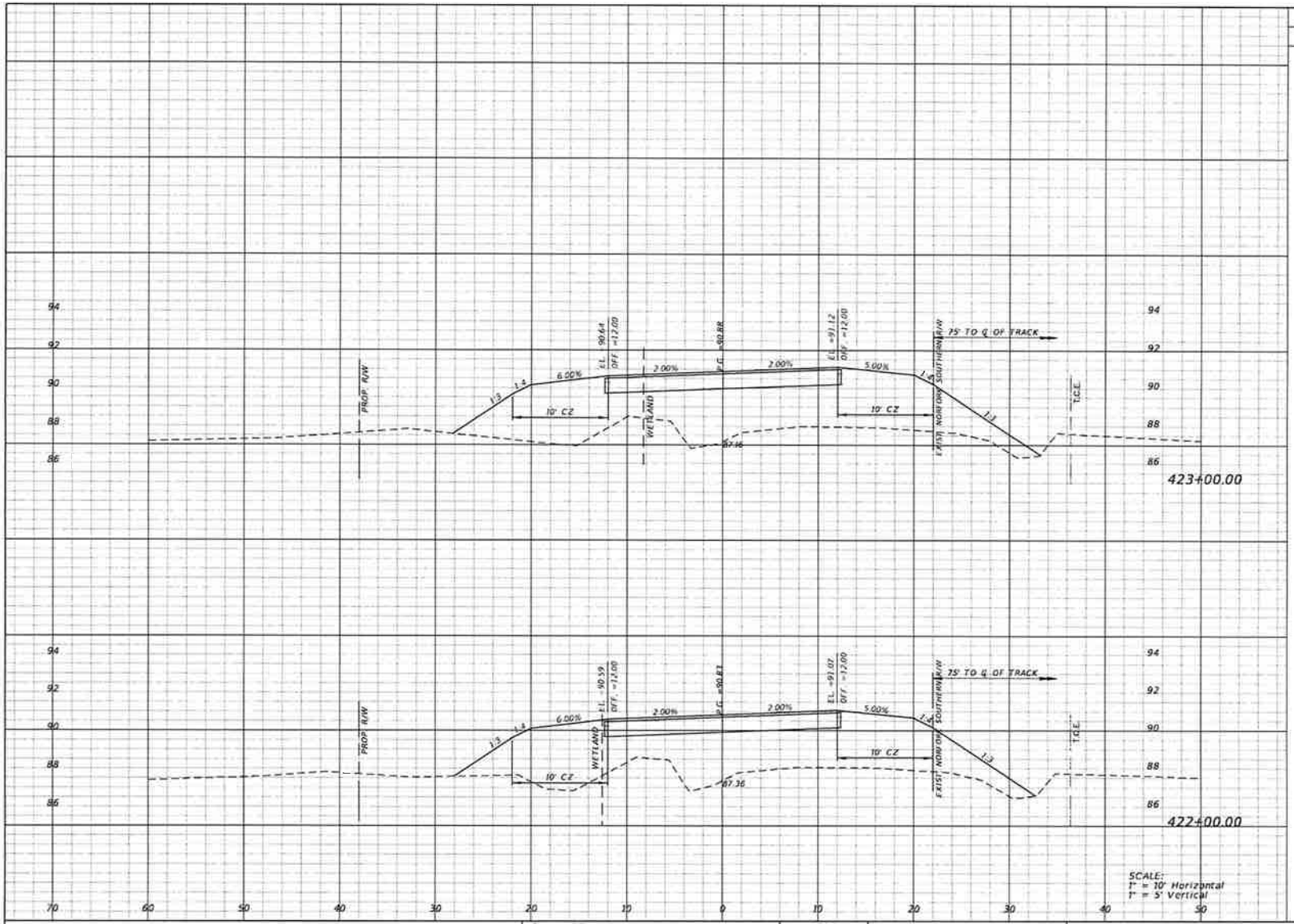

Regular Exc.		Embankment	
A	V	A	V
0.0	0	132.9	478
0.0	0	125.2	447

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 175

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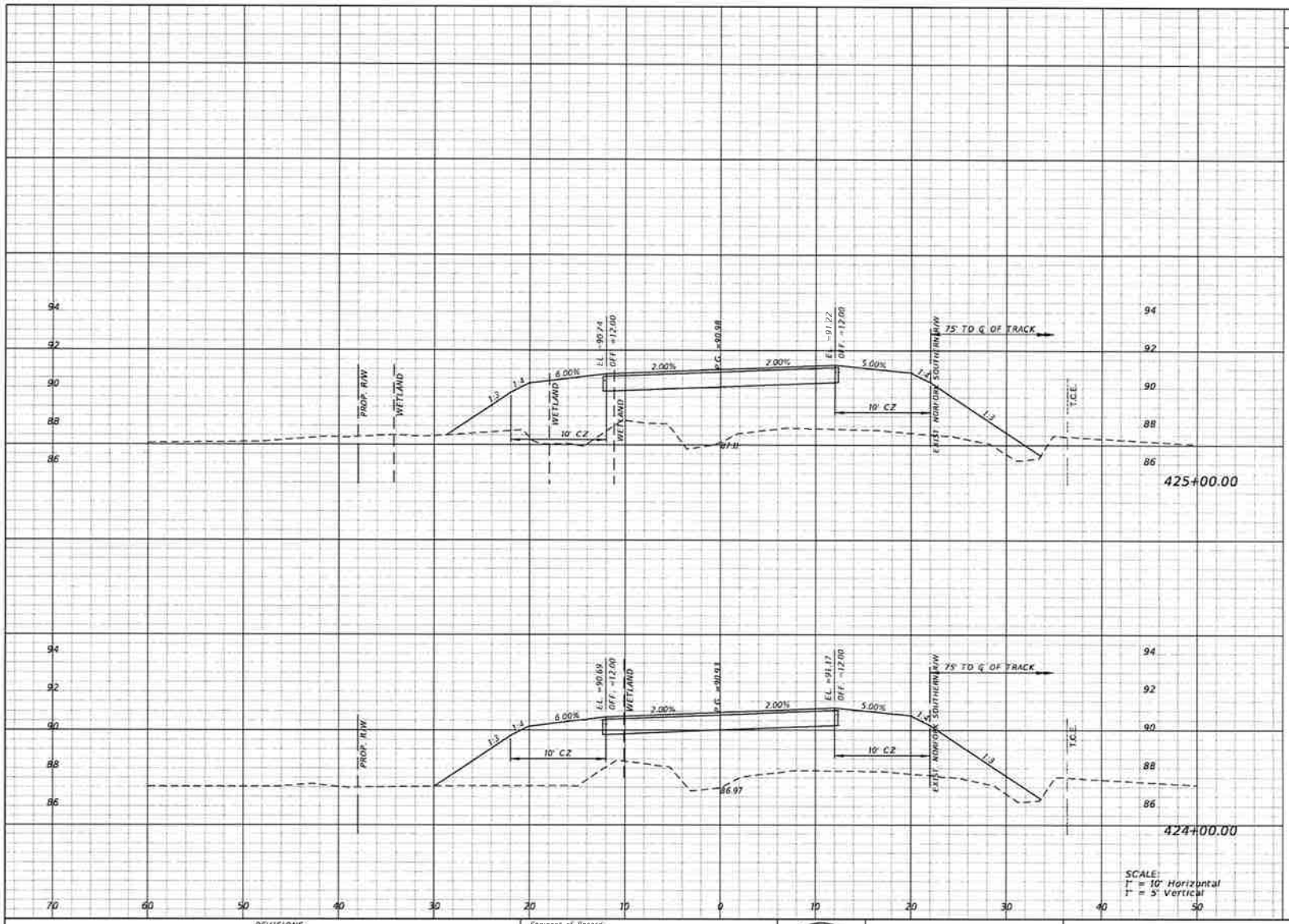

SCALE:
1" = 10' Horizontal
1" = 5' Vertical

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	143.1	528
0.0	0	142.2	509

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
176

Z:\Projects Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000.Preliminary\Speed 40_Phase II\RD15\R004.DGN
Paul
5/12/2020
6:06:11 AM

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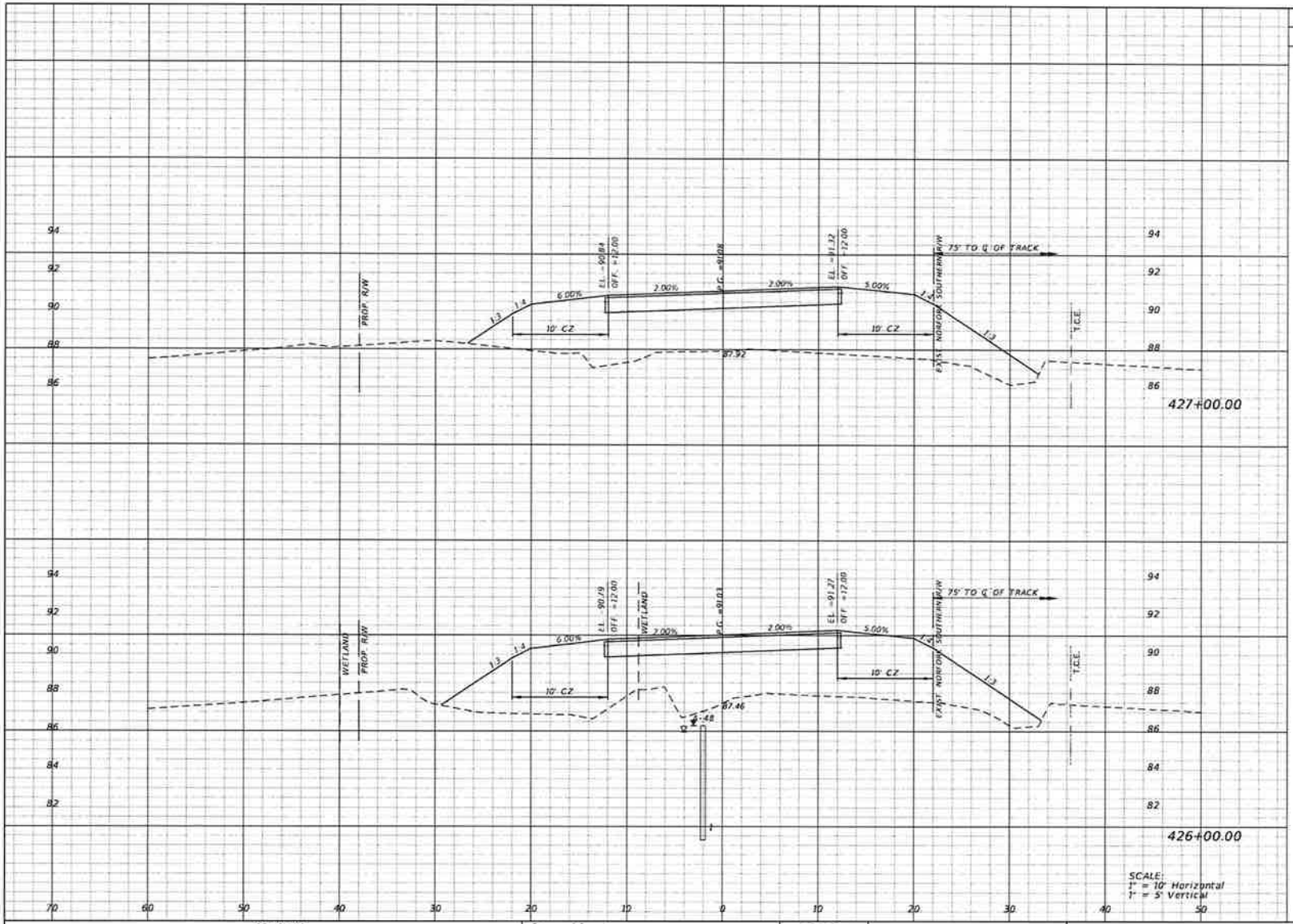

	Regular Exc.		Embankment	
	A	V	A	V
427+00.00	0.0	0	142.1	552
426+00.00	0.0	0	155.7	553

SCALE:
1" = 10' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
177

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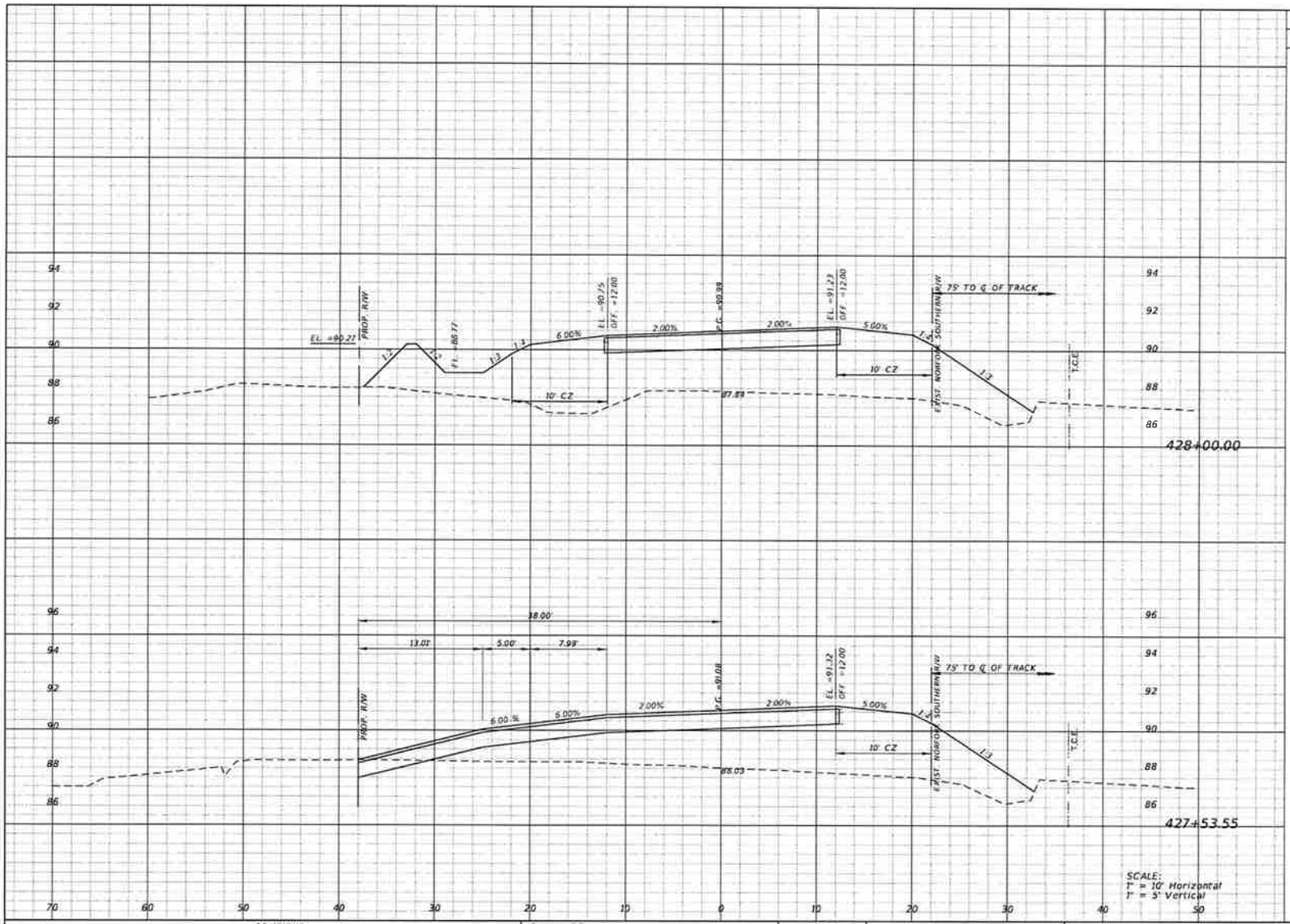

Regular Exc.		Embankment	
A	V	A	V
0.0		174.6	
	4		255
4.7		121.6	
	5		262

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record
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Certificate of Authorization No 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 178

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Regular Exc.		Embankment	
A	V	A	V
0.0		178.5	
	0		651
0.0		172.9	
	0		644

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 179

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

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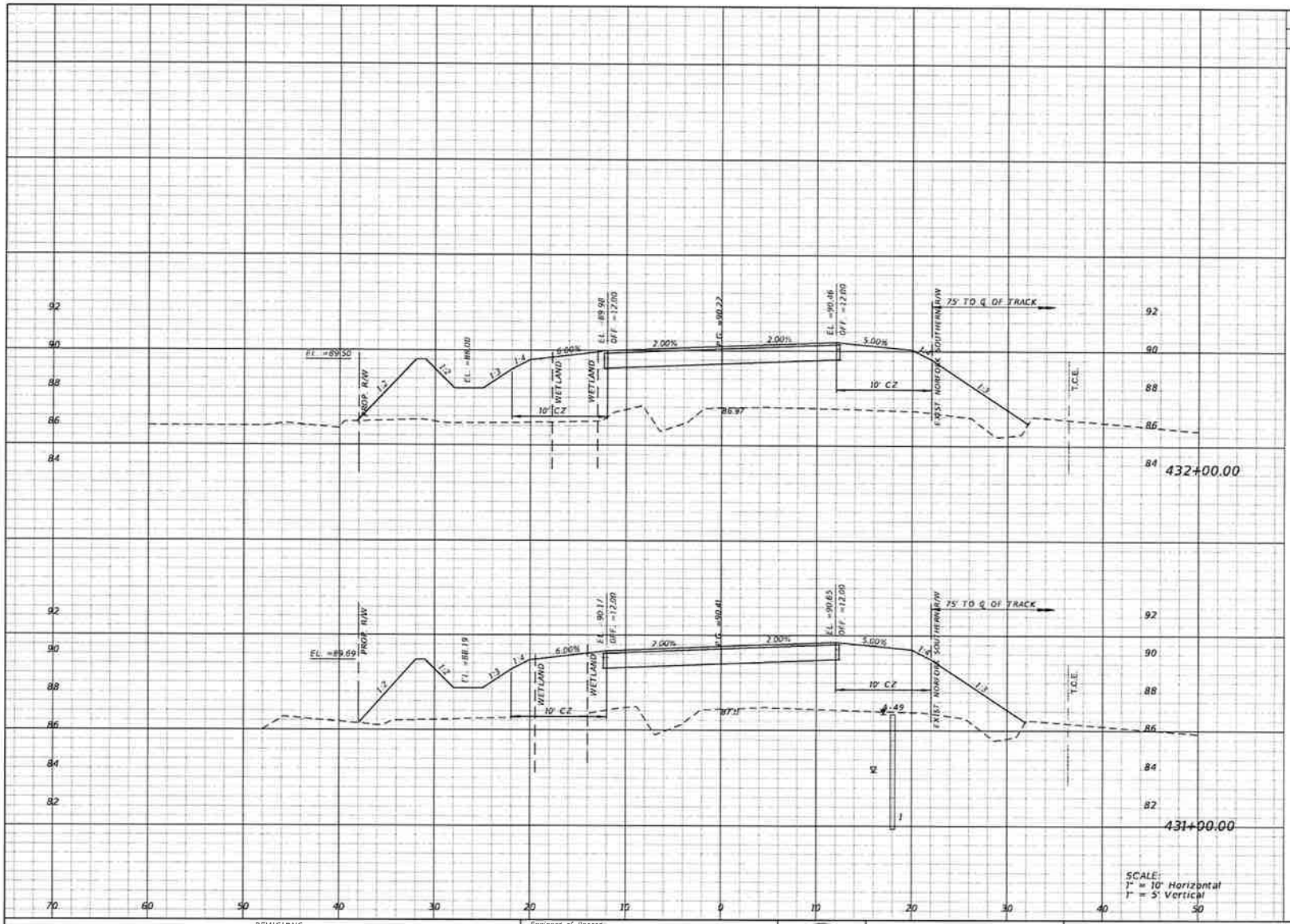

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
0.0	0	194.3	709
0.0	0	188.7	680

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 180

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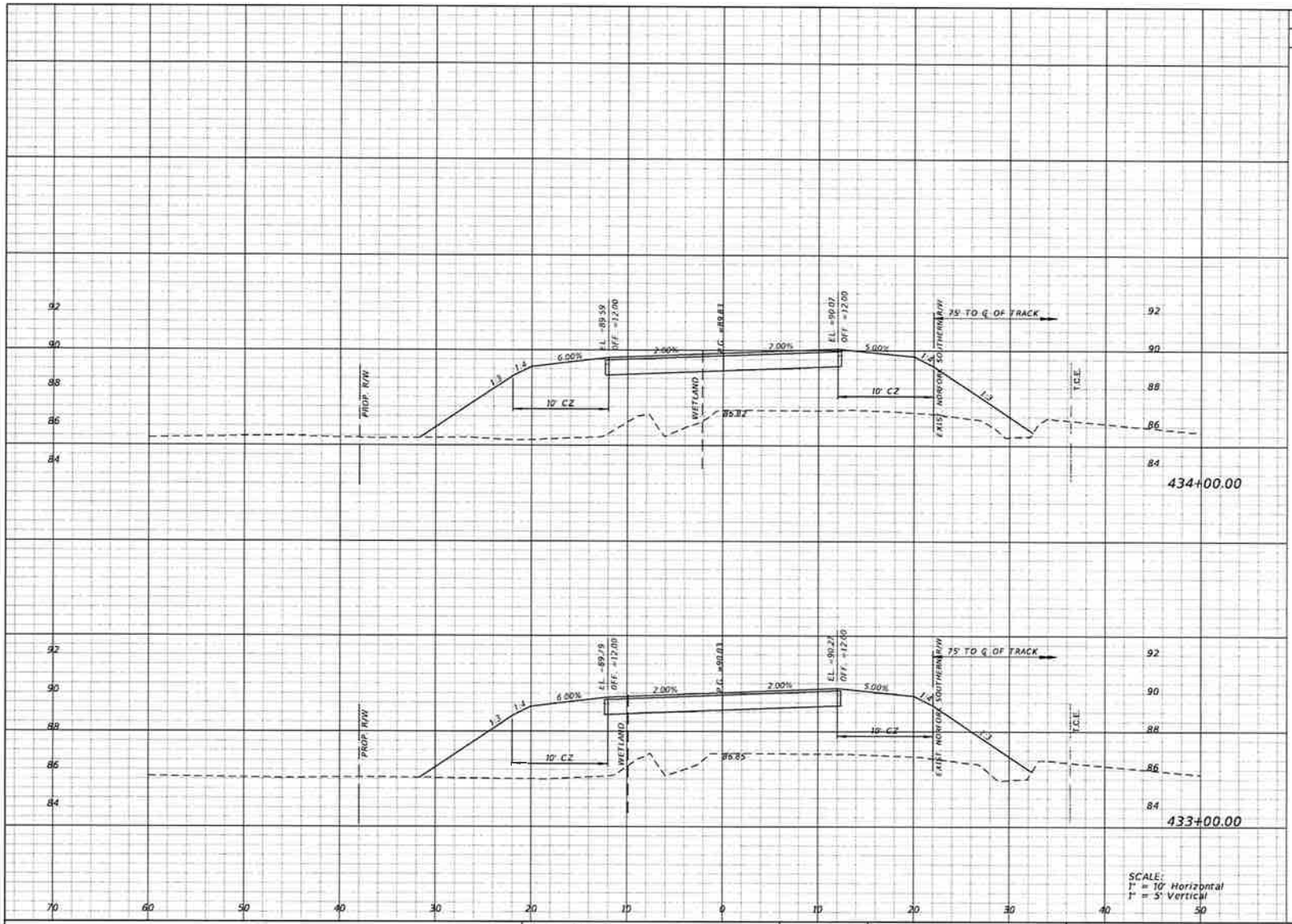

Regular Exc.		Embankment	
A	V	A	V
0.0		156.5	
	0		595
0.0		164.7	
	0		665

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 181

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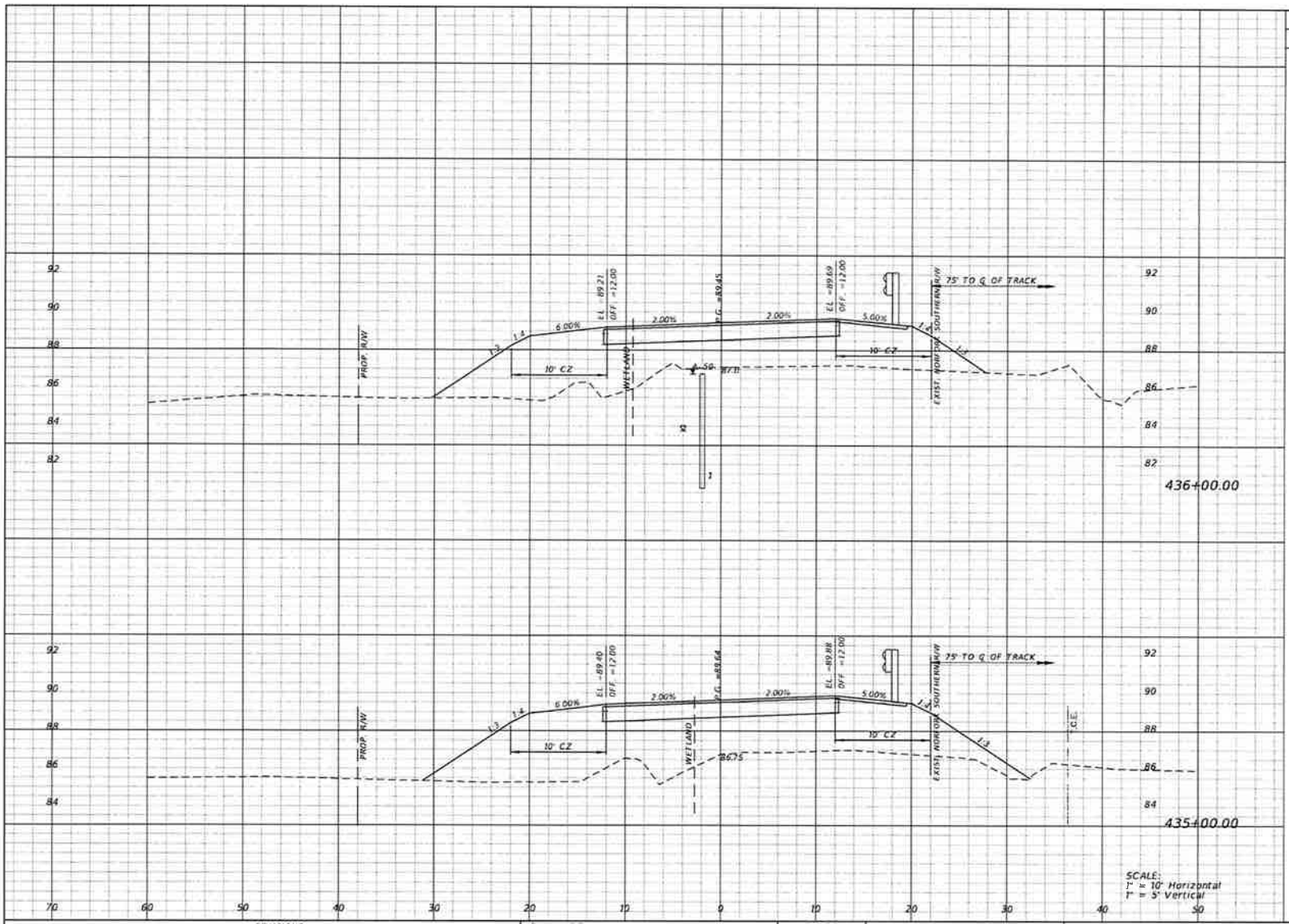

Regular Exc.		Embankment	
A	V	A	V
0.0		110.0	
	0		468
0.0		142.8	
	0		554

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
182

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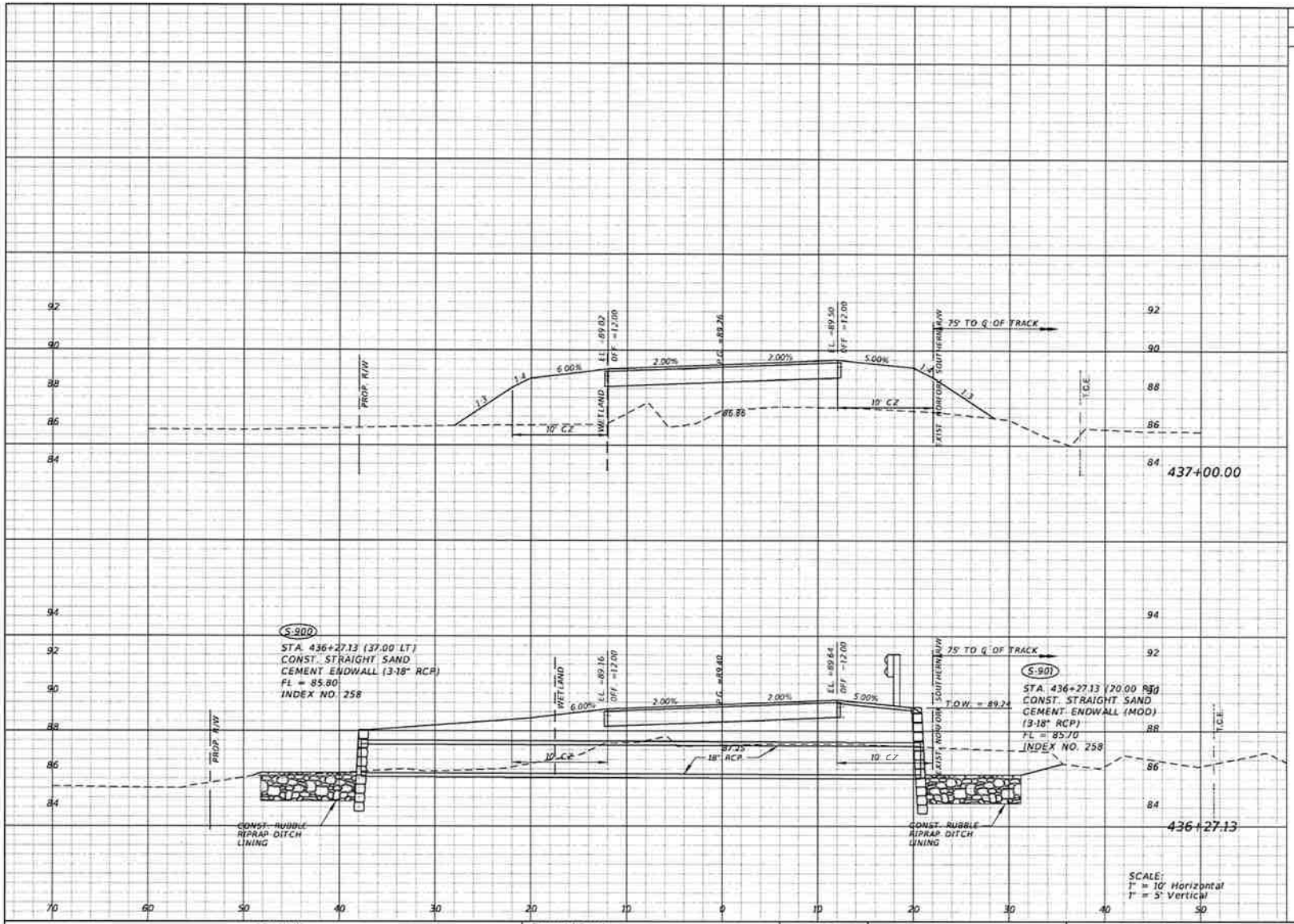

Regular Exc.		Embankment	
A	V	A	V
0.0	24	98.9	278
17.6	9	107.3	109

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 183

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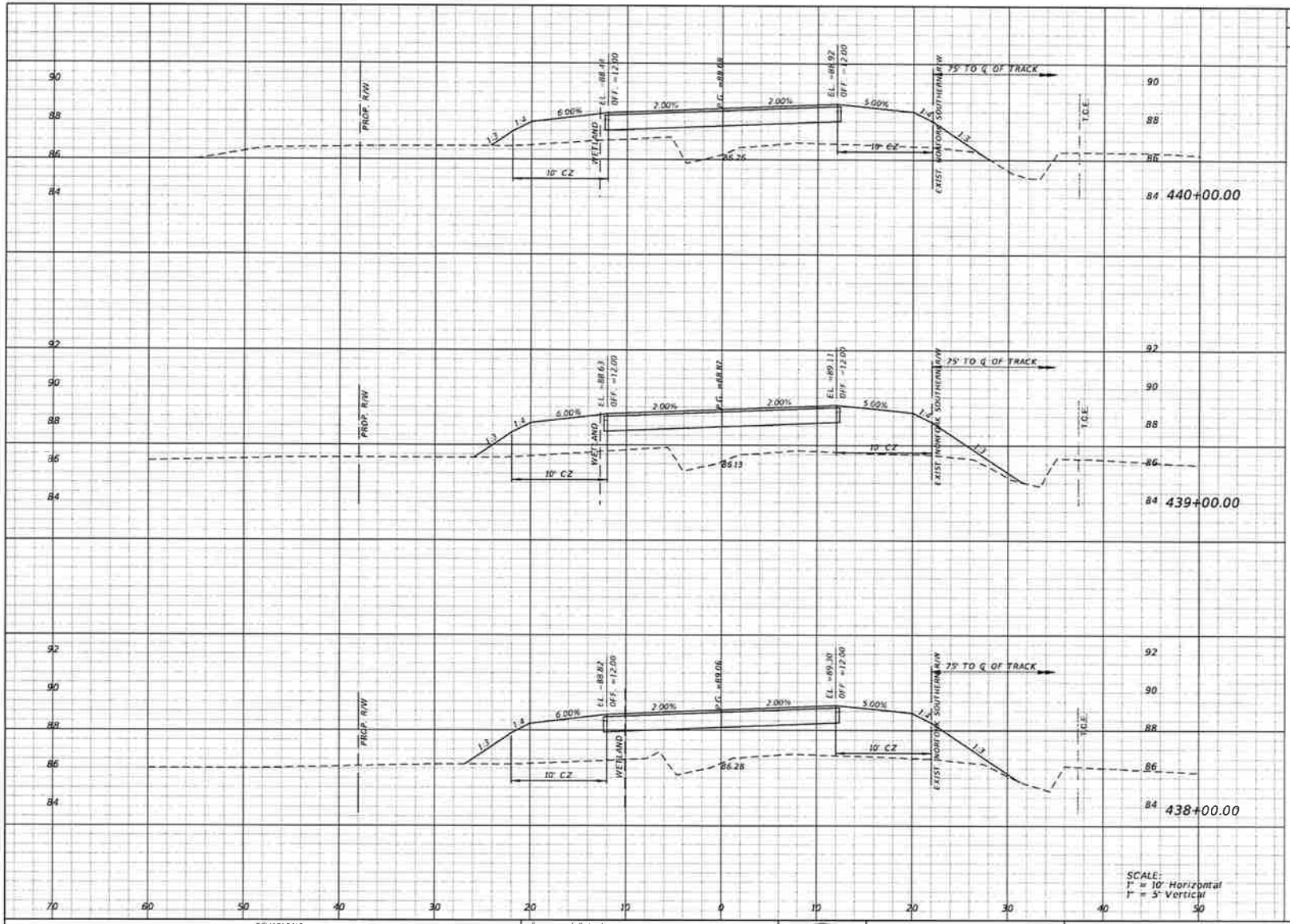

	Regular Exc.		Embankment	
	A	V	A	V
440+00.00	1.7	4	64.6	288
439+00.00	0.4	1	91.0	347
438+00.00	0.0	0	96.2	361

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 184

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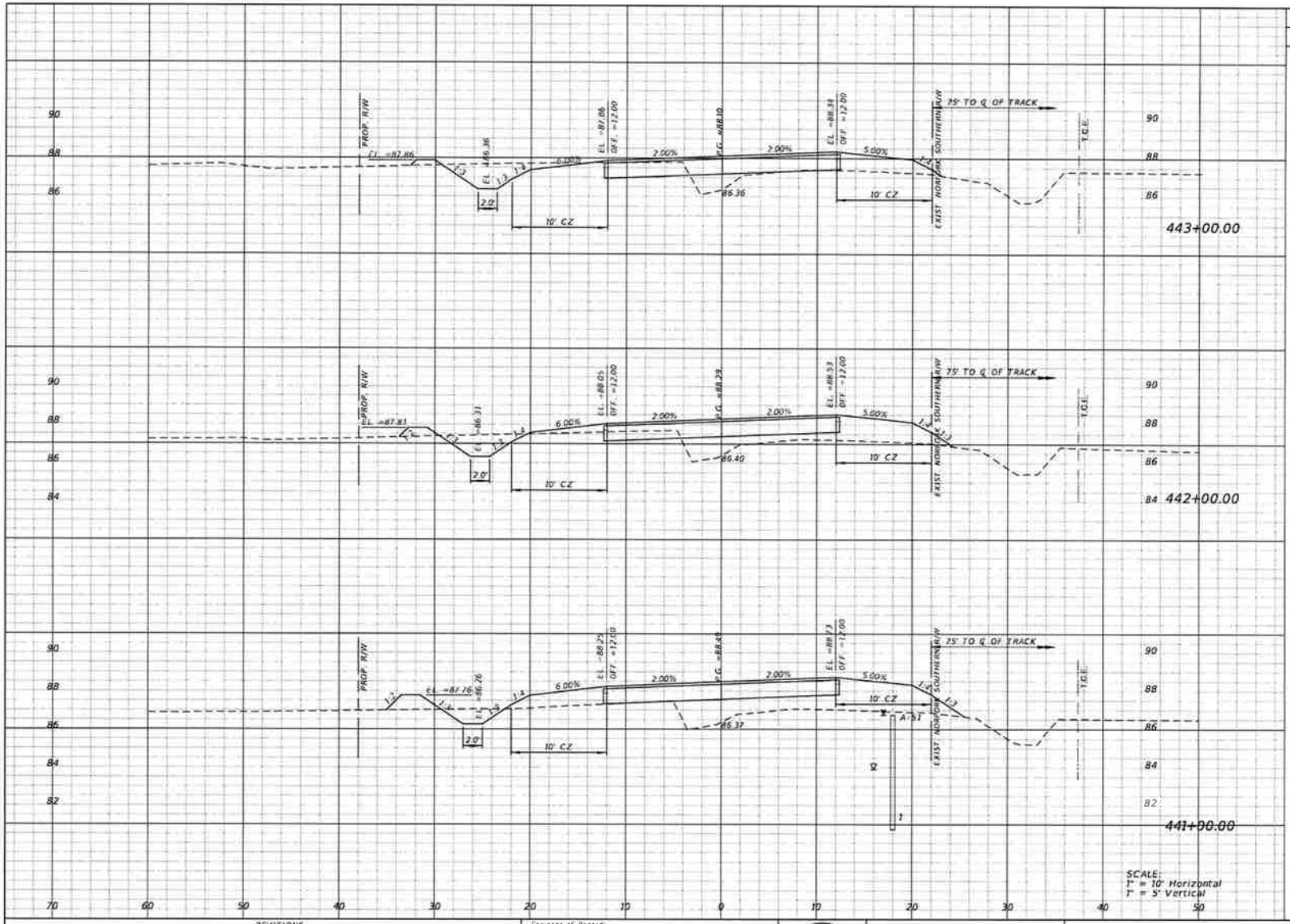

Regular Exc. A	Regular Exc. V	Embankment A	Embankment V
15.5	47	12.2	68
9.8	25	24.3	122
3.5	10	41.5	196

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 185

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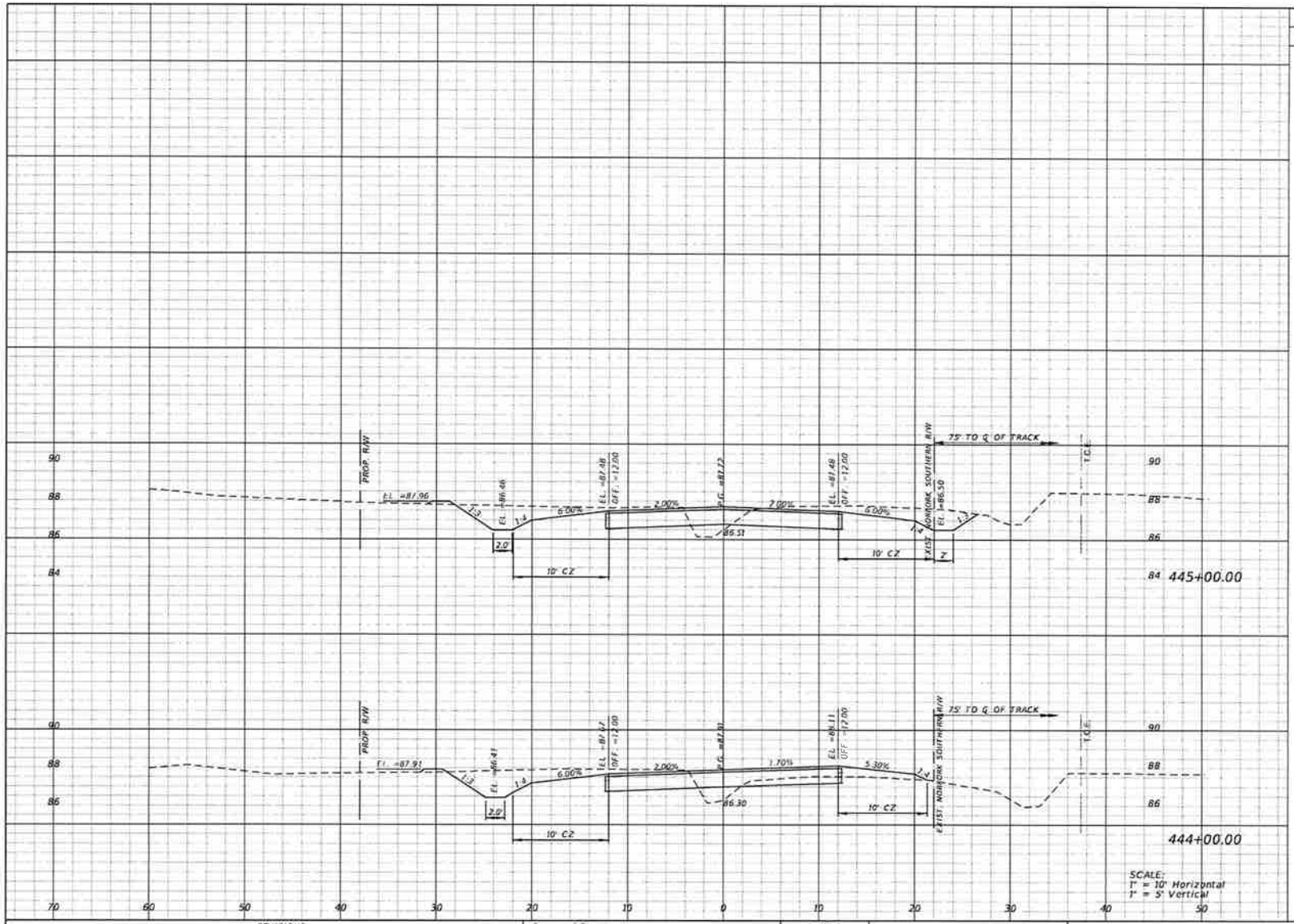

Regular Exc.		Embankment	
A	V	A	V
39.7	122	2.3	15
26.1	77	5.9	34

REVISIONS			
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO.
186

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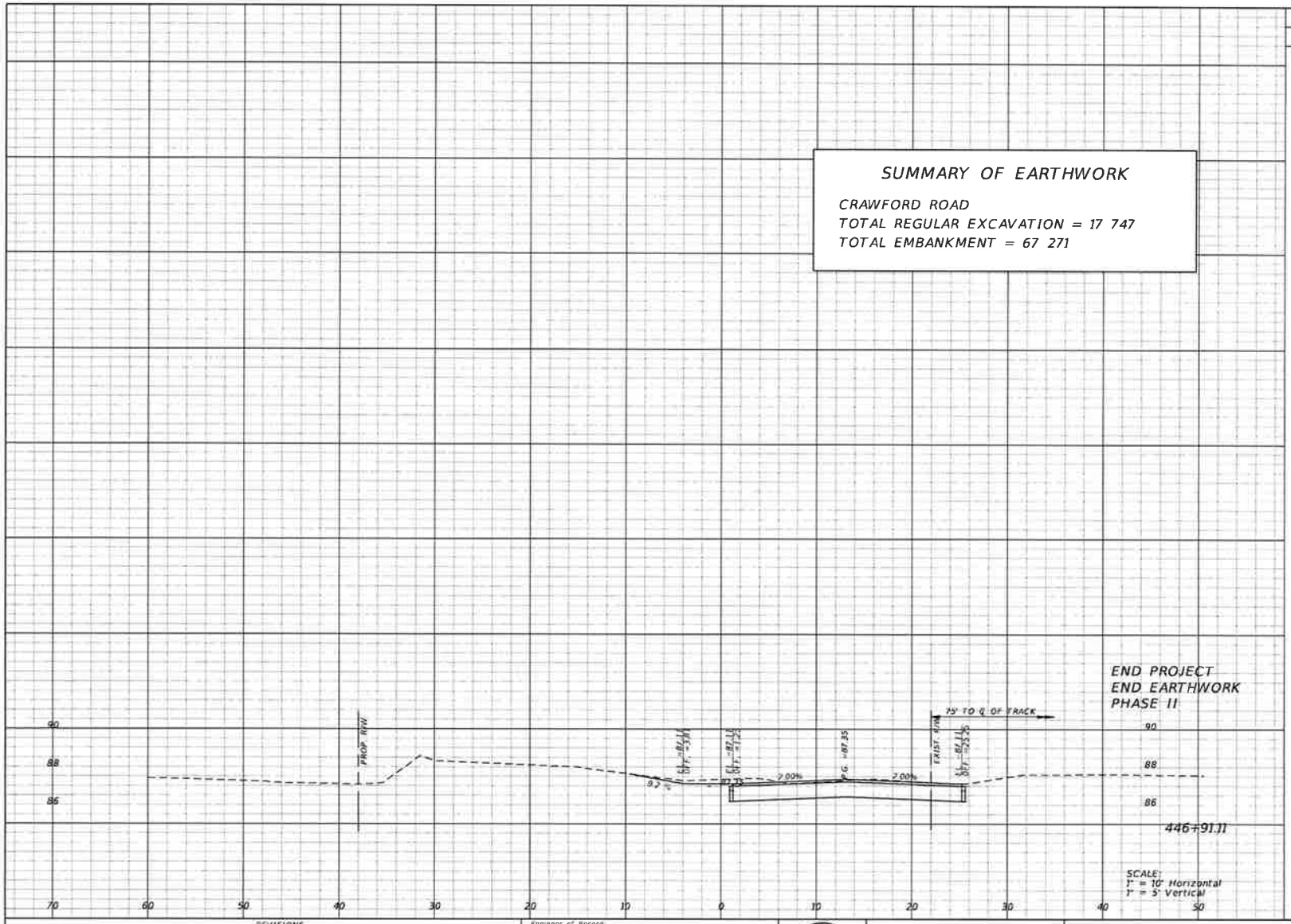
SUMMARY OF EARTHWORK

CRAWFORD ROAD
TOTAL REGULAR EXCAVATION = 17 747
TOTAL EMBANKMENT = 67 271



Regular Exc.		Embankment	
A	V	A	V
24.8		0.0	
	228		8

REVISIONS			
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD CROSS SECTIONS

SHEET NO. 187

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1. SITE DESCRIPTION

a. CONSTRUCTION ACTIVITY:
ROADWAY CONSTRUCTION OF EXISTING UNPAVED CRAWFORD ROAD.

PROJECT LIMITS:
PROJECT BEGINS AT THE INTERSECTION WITH CR 121 AT THE WESTERN END AND ENDS AT THE INTERSECTION WITH THE PAVED PORTION OF CRAWFORD ROAD AT THE EATERN END OF THE PROJECT.

PROJECT DESCRIPTION:
CONSTRUCT APPROXIMATELY 6.3 MILES OF UNPAVED CRAWFORD ROAD.

b. MAJOR SOIL DISTURBING ACTIVITIES:
CLEARING AND GRUBBING & GRADING
CONSTRUCTION OF STORM SEWER SYSTEMS
CONSTRUCTION OF NEW ROADWAY AREAS

c. TOTAL PROJECT AREA: +/- 51.0 AC.

TOTAL AREA TO BE DISTURBED: +/- 51.0 AC.

d. (1) RUNOFF COEFFICIENTS BEFORE, DURING, AND AFTER CONSTRUCTION
BEFORE: 0.60, DURING: 0.60, AFTER: 0.60

(2) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:
PROJECT AREA CONTAINS POORLY DRAINED SOIL

(3) ESTIMATES OF SIZE OF DRAINAGE AREA FOR EACH OUTFALL (INCLUDE CONTRIBUTING NON-PROJECT AREAS):
DA 1=+/-466.76 AC.; DA 2=+/-33.65 AC.; DA 3=+/-58.76 AC.;
DA 4=+/-4,138.53 AC.; DA 5=+/-405.41 AC.; DA 6=+/-131.15 AC.;
DA 7=+/-2257.27 AC.; DA 8=+/-590.43 AC.; DA 9=+/-75.94 AC.;

e. LOCATIONS OF DRAINAGE AREAS AND OUTFALLS:
ALL PROJECT OUTFALLS ULTIMATELY DISCHARGE INTO MILL CREEK, WHICH FLOWS NORTH INTO THE ST. MARY'S RIVER.

f. (1) NAME OF RECEIVING WATERS:
MILL CREEK

(2) WETLAND AREA:
WETLANDS WILL BE DISTURBED THROUGHOUT PROJECT LIMITS; +/- 4.12 AC.

2. CONTROLS

NARRATIVE - SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS.
CLEARING, GRUBBING, AND GRADING:
CLEARING AND GRUBBING OPERATIONS SHALL BE CONTROLLED SO AS TO MINIMIZE UNPROTECTED ERODIBLE AREAS EXPOSED TO WEATHER. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.
EXCAVATION:
EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN LOCATIONS WHERE IT COULD BE WASHED AWAY BY HIGH WATER OR STORM WATER RUNOFF. ANY STOCKPILES SHALL BE COVERED OR ENCIRCLED WITH SEDIMENT CONTAINMENT DEVICES ADEQUATE FOR ANY SEVERE STORM CONDITION.
CONSTRUCTION:
PERMANENT BANK STABILIZATION SHALL BE PLACED IMMEDIATELY (WITHIN THE SAME DAY) AFTER FINAL GRADING. ANY DAMAGES TO PERMANENT PLANTINGS DURING THE COURSE OF CONSTRUCTION SHALL BE REPAIRED BEFORE THE END OF EACH DAY. ALL FILL SHALL BE PROTECTED AS DESCRIBED BY THE EROSION CONTROL PLAN OF THE DESIGN DRAWINGS PRIOR TO PLACEMENT OF FILL AND THESE PROTECTIVE MEASURES SHALL REMAIN IN PLACE UNTIL ALL PERMANENT PLANTING HAS ADEQUATELY ROOTED AND GROWN TO PROVIDE PERMANENT EROSION CONTROL.
NEW AND EXISTING STRUCTURES SHALL BE PROTECTED FROM SILTATION DURING CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

a. EROSION AND SEDIMENT CONTROLS:
(1) STABILIZATION PRACTICES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING MEASURES:

EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL DEVICES WILL BE EMPLOYED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT BEYOND THE CONSTRUCTION LIMITS.

STABILIZATION MEASURES, ON AREAS OTHER THAN SLOPES, CHANNELS, OR DITCHES, SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL OF DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. IN NO CASE SHALL STABILIZATION FAIL TO BE PROVIDED IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR MORE THAN SEVEN (7) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

FOR ALL SLOPES, CHANNELS, OR DITCHES, PERMANENT SOIL EROSION CONTROL MEASURES SHALL BE COMPLETED IMMEDIATELY (WITHIN THE SAME DAY) AFTER FINAL GRADING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY PROTECT A DISTURBED AREA IMMEDIATELY AFTER GRADING OPERATIONS, TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY (WITHIN THE SAME DAY). ALL FILL SHALL BE PROTECTED PRIOR TO PLACEMENT OF FILL AND THESE PROTECTIVE MEASURES SHALL REMAIN IN PLACE UNTIL ALL PERMANENT PLANTING HAS ADEQUATELY ROOTED AND GROWN TO PROVIDE PERMANENT EROSION CONTROL.

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE, ALL NECESSARY EROSION CONTROL, INCLUDING BUT NOT LIMITED TO SILT FENCES, HAY BALES, TURBIDITY BARRIERS AND ANY OTHER MISCELLANEOUS ITEMS AS INDICATED WITHIN THE CONTRACT DOCUMENTS, THE CONTRACTORS EROSION CONTROL PLAN, OR AS REQUIRED PER APPLICABLE STANDARDS OR THE PROJECT ENGINEER.

THE CONTRACTOR IS ADVISED THAT THE CONTRACT DRAWINGS ONLY INDICATE EROSION, SEDIMENT, AND TURBIDITY CONTROLS AT LOCATIONS DETERMINED IN THE DESIGN PROCESS. HOWEVER, THE CONTRACTOR IS REQUIRED TO UPDATE THE SWPPP TO REFLECT ANY ADDITIONAL CONTROLS NECESSARY TO PREVENT THE POSSIBILITY OF SILTING ANY ADJACENT LOWLAND PARCEL, RECEIVING WATER, OR OTHERWISE VIOLATING STATE AND FEDERAL PERMIT REQUIREMENTS. THE CONTRACTOR WILL ALSO BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS AND SUPPLY CONTRACT TIME SCHEDULES FOR THE IMPLEMENTATION OF EACH SUBMITTAL.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

(1) STABILIZATION PRACTICES:
X TEMPORARY SODDING
X TEMPORARY GRASSING
X PERMANENT PLANTING, SODDING, OR SEEDING
X TEMPORARY MULCHING
___ ARTIFICIAL COVERING
___ BUFFER ZONES
X PRESERVATION OF NATURAL RESOURCES

(2) STRUCTURAL PRACTICES

HAY BALES AND SEDIMENT BARRIERS HAVE BEEN INCLUDED AS STRUCTURAL PRACTICES IN THE CONSTRUCTION PLANS.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

X ROCK BAGGING
X SEDIMENT BARRIERS
X HAY BALES
___ BERMS
___ DIVERSION, INTERCEPTOR, OR PERIMETER DITCHES
___ TIMBER BEDDING AT CONST. EXIT
___ ROCK BEDDING AT CONST. AREA
___ PIPE SLOPE DRAINS
___ FLUMES
___ DITCH LINER
X RIP RAP
X TURBIDITY BARRIER
___ VELOCITY CONTROL DEVICES
___ STORM SEWERS
___ CURBS AND GUTTERS
___ STONE OUTLET STRUCTURES
___ STORM INLET SEDIMENT TRAP
___ SEDIMENT BASINS
___ SEDIMENT TRAPS

b. DESCRIPTION OF STORMWATER MANAGEMENT:

STORMWATER FROM THE PROPOSED CONSTRUCTION WILL BE CAPTURED BY MINOR STORM WATER SYSTEMS AND/OR EXISTING ROADSIDE SWALE SYSTEMS. EXISTING CONDITIONS ARE NOT BEING SIGNIFICANTLY MODIFIED.

c. OTHER CONTROLS
(1) WASTE DISPOSAL:
NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE. ALL CONSTRUCTION WASTE MATERIAL SHALL BE COLLECTED AND HAULED TO A PERMITTED LANDFILL.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

(2) OFFSITE VEHICLE TRACKING:
X HAUL ROADS DAMPENED FOR DUST CONTROL
X LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
X EXCESS DIRT ON ROAD REMOVED DAILY
X STABILIZED CONSTRUCTION ENTRANCE

OTHER: SOIL TRACKING PREVENTION DEVICES SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABILIZED AREAS TO PUBLIC ROADS AS WELL AS FROM POND SITES OR STOCKPILE AREAS.

ANY SPILLAGE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

(3) SANITARY WASTE:
ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

(4) FERTILIZERS AND PESTICIDES:
FERTILIZERS AND/OR PESTICIDES SHALL BE APPLIED BY A LICENSED OR CERTIFIED APPLICATOR AS DIRECTED BY THE PROJECT ENGINEER.

FERTILIZER WILL BE APPLIED ACCORDING TO THE APPLICABLE SUBSECTIONS OF EITHER SECTION 570 OR 577 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

(5) NON-STORM WATER DISCHARGE (INCLUDING SPILL REPORTINGS):
NO NON-STORM WATER DISCHARGES ARE ANTICIPATED.

WHEN THE CONTRACTOR ENCOUNTERS A SPILL, CONSTRUCTION WILL STOP AND WORK WILL NOT RESUME UNTIL DIRECTED BY THE PROJECT ENGINEER. DISPOSITION OF HAZARDOUS WASTE WILL BE MADE IN ACCORDANCE WITH ANY REQUIREMENTS AND REGULATIONS OF ANY LOCAL, STATE, OR FEDERAL AGENCY HAVING JURISDICTION. IF CONTAMINATED SOIL OR GROUND WATER IS ENCOUNTERED, NOTIFY THE PROJECT ENGINEER IMMEDIATELY. THE PROJECT ENGINEER WILL CONTACT APPROPRIATE COUNTY AND STATE OFFICIALS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 188

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

6. APPROVED STATE, LOCAL PLANS, OR STORM WATER PERMITS:

3. MAINTENANCE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL POLLUTION PREVENTION CONTROLS. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION, SEDIMENTATION, TURBIDITY, AND POLLUTION CONTROL MEASURES. REMEDIAL ACTION SHALL BE PERFORMED IMMEDIATELY.

HAY BALES SHALL BE REPLACED EVERY THREE (3) MONTHS OR SOONER AS NECESSARY

SEDIMENT BARRIERS SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR SOONER AS NECESSARY

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLAN.

4. INSPECTION:

THE CONTRACTOR IS REQUIRED TO INSPECT ALL EROSION CONTROL FEATURES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAIN EVENT OF 0.5 INCHES (12.7 mm) OR GREATER. IN ADDITION, THE CONTRACTOR WILL MAINTAIN ALL EROSION CONTROL FEATURES AS REQUIRED HEREIN AND AS SPECIFIED IN STATE AND/OR FEDERAL ENVIRONMENTAL REGULATORY PERMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE DAILY REVIEW OF THE LOCATION OF SEDIMENT BARRIERS IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CHANGED THE NATURAL CONTOUR AND DRAINAGE RUNOFF TO ENSURE THAT SEDIMENT BARRIERS ARE PROPERLY LOCATED FOR EFFECTIVENESS. THE CONTRACTOR WILL USE FDOT FORM 650-040-03 TO REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION. THE CONTRACTOR WILL SIGN EACH INSPECTION REPORT AND SUBMIT IT WEEKLY TO THE PROJECT ENGINEER.

WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH AT THE FOLLOWING LOCATIONS AS A MINIMUM:

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
- STRUCTURAL CONTROLS
- STORMWATER MANAGEMENT SYSTEMS
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 189

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GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, THE ROADWAY DESIGN STANDARDS INDEX 600 SERIES AS APPLICABLE (DATED FY 2016-17) AND THE TCP DETAILS SHOWN HEREIN.

2. ALL ADVANCE TRAFFIC CONTROL SIGNS SHALL BE INSTALLED PRIOR TO BEGINNING OF CONSTRUCTION.

3. ALL TRAFFIC CONTROL DEVICES (TEMPORARY SIGNS, PAVEMENT MARKINGS, BARRICADES, ETC.) REQUIRED DURING A CONSTRUCTION PHASE SHALL BE INSTALLED AND APPROVAL RECEIVED FROM THE PROJECT REPRESENTATIVE PRIOR TO COMMENCEMENT OF THAT PHASE AND SHALL BE MAINTAINED IN ACCORDANCE WITH INDEX 600 AND OTHER INDICES SPECIFICALLY MENTIONED IN EACH TRAFFIC CONTROL PHASE.

4. THE CONTRACTOR SHALL CONFIRM THAT EXISTING SIGNAGE WILL NOT POSE A CONFLICT FOR WORK ZONE TRAFFIC CONTROL. THE CONTRACTOR SHALL COVER, RELOCATE OR REMOVE ALL SIGNING IN CONFLICT WITH TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL PROVIDE A SAFE STORAGE OF SIGNING MATERIALS TO BE REINSTALLED (RELOCATED) AT COMPLETION OF PROJECT.

5. ANY MARKINGS THAT NEED TO BE REMOVED MAY BE REMOVED BY ANY METHOD WHICH PRODUCES THE SAME RESULTS IN THE SAME MANNER AS HYDRO-BLASTING.

6. ACCESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED BY THE CONTRACTOR AT ALL TIMES. ALL TEMPORARY TIES TO DRIVEWAY AND SIDE STREETS SHALL BE IN ACCORDANCE WITH INDEX 515.

7. THE CONTRACTOR SHALL PROVIDE "BUSINESS ENTRANCE" SIGNS AT ALL DRIVEWAYS TO BUSINESSES.

8. REGULATORY SPEEDS SHALL REMAIN AS POSTED WITHIN THE LIMITS OF THE WORK ZONES, UNLESS OTHERWISE NOTED.

9. WORK ZONE LENGTH MAY EQUAL ENTIRE PROJECT LIMITS.

10. THE CONSTRUCTION OF PROPOSED PIPE CROSSINGS AND THE REMOVAL OF EXISTING CROSSINGS SHALL BE CONDUCTED DURING ROAD CLOSURES.

11. THE STREET NAME SIGNS SHALL BE KEPT VISIBLE AT ALL TIMES DURING CONSTRUCTION FOR EMERGENCY RESPONSE PERSONNEL.

12. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY EROSION AND SEDIMENT CONTROL.

13. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION.

14. ALL STORM DRAINAGE PIPES AND STRUCTURES ONCE INSTALLED SHALL BE KEPT CLEAN FROM DEBRIS, SILT ETC.

15. CONTRACTOR SHALL HAVE THE WORK AREA PROPERLY ILLUMINATED BY USING A TOWABLE LIGHT TOWER OR AN EQUIVALENT EQUIPMENT FOR THE DURATION OF THE PROJECT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

Michael E. Holcomb
P.E. # 40147
3653 Regent Blvd
Unit 606
Jacksonville, FL 32224
(904) 991-0360
www.EltonAlan.com

NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

TRAFFIC CONTROL GENERAL NOTES

SHEET NO. 190

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

PHASE I

1. CLOSE EASTBOUND LANE, PER INDEX 603.
2. MAINTAIN TRAFFIC ON EXISTING WESTBOUND LANE.
3. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES.
4. RAISE EASTBOUND ROADWAY TO PROPOSED ELEVATIONS.
5. CONSTRUCT PROPOSED EASTBOUND ROADBED AND PLACE ASPHALT.
6. CONSTRUCT ALL PROPOSED WORK OUTSIDE THE EASTBOUND LANE.

PHASE II

1. CLOSE WESTBOUND LANE, PER INDEX 603.
2. MAINTAIN TRAFFIC ON NEWLEY CONSTRUCTED EASTBOUND LANE.
3. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES.
4. RAISE WESTBOUND ROADWAY TO PROPOSED ELEVATIONS.
5. CONSTRUCT PROPOSED WESTBOUND ROADBED AND PLACE ASPHALT.
6. CONSTRUCT ALL PROPOSED WORK OUTSIDE THE WESTBOUND LANE.

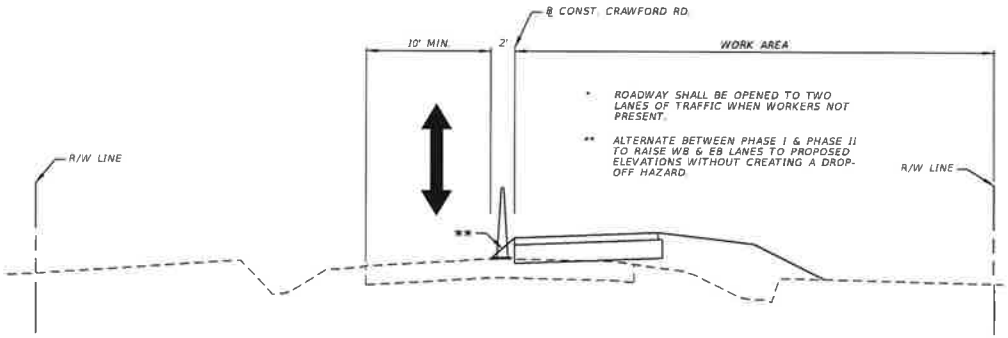
PHASE III

REPEAT PHASE I & PHASE II TRAFFIC CONTROL PLANS FOR LANE CLOSURE(S) TO PLACE FINAL PAVEMENT MARKINGS.

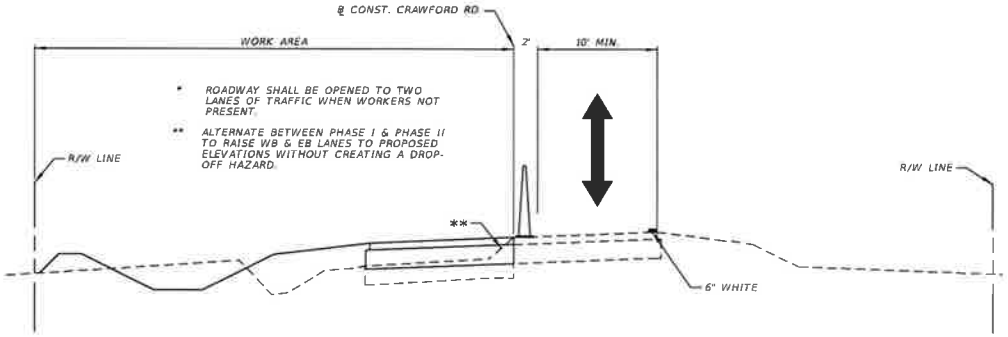
LEGEND

REFLECTORIZED CONE

DIRECTION OF TRAFFIC



PHASE I TYPICAL SECTION
CRAWFORD ROAD
STA. 173+75.00 TO STA. 446+91.11



PHASE II TYPICAL SECTION
CRAWFORD ROAD
STA. 173+75.00 TO STA. 446+91.11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

TRAFFIC CONTROL TYPICAL SECTIONS

SHEET NO. 191

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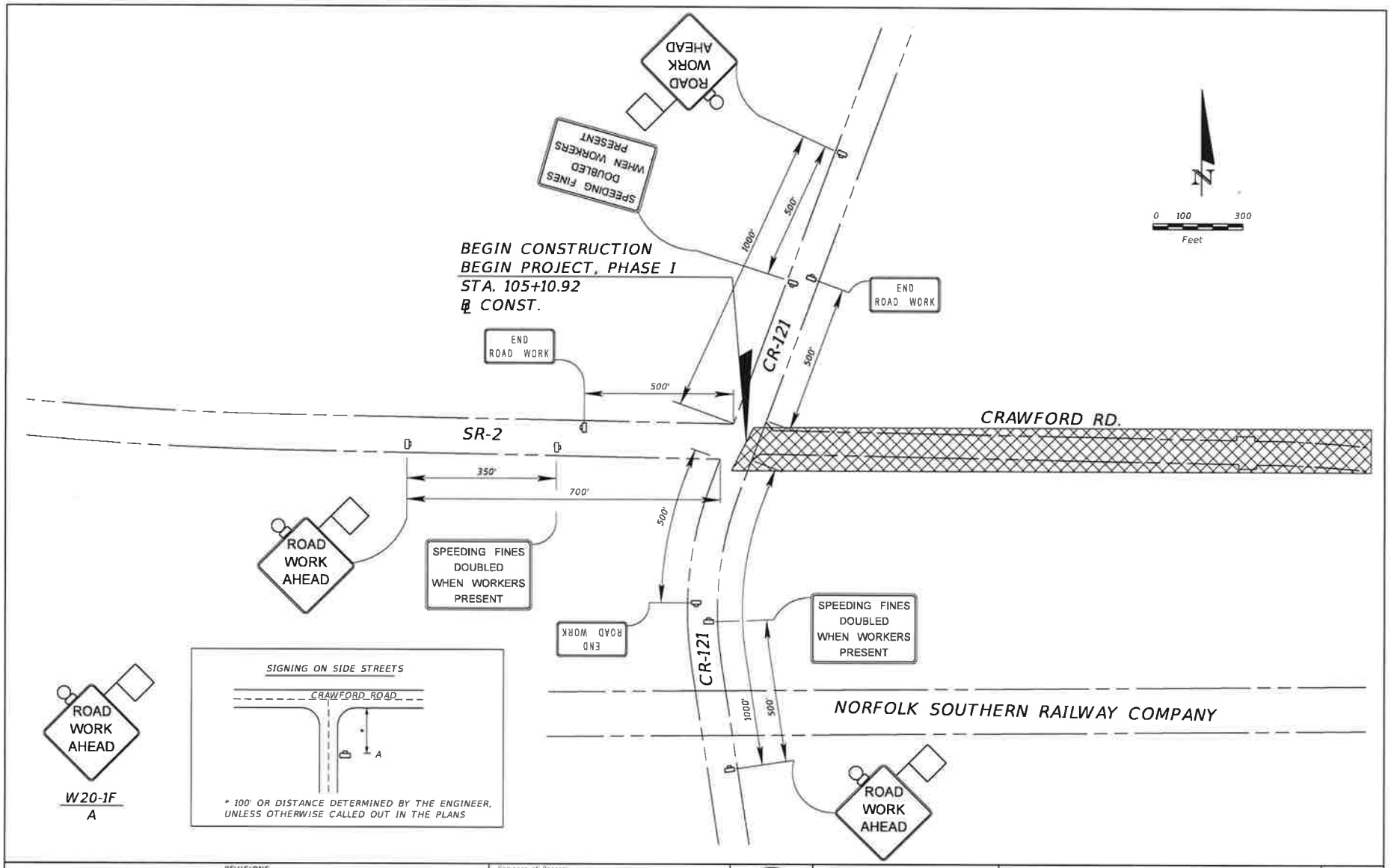
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

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NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

ADVANCE SIGNING DETAIL

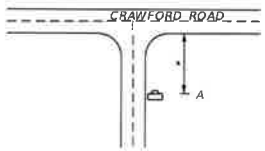
SHEET NO. 192

Z:\Project Directory\Active Contracts\004-0012- Nassau County Crawford Road\F - CADD\0000000000\Roadway\Speed RD_Phase II\TCDSAD03.DGN Paul 5/12/2020 6:22:28 AM

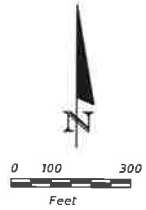
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

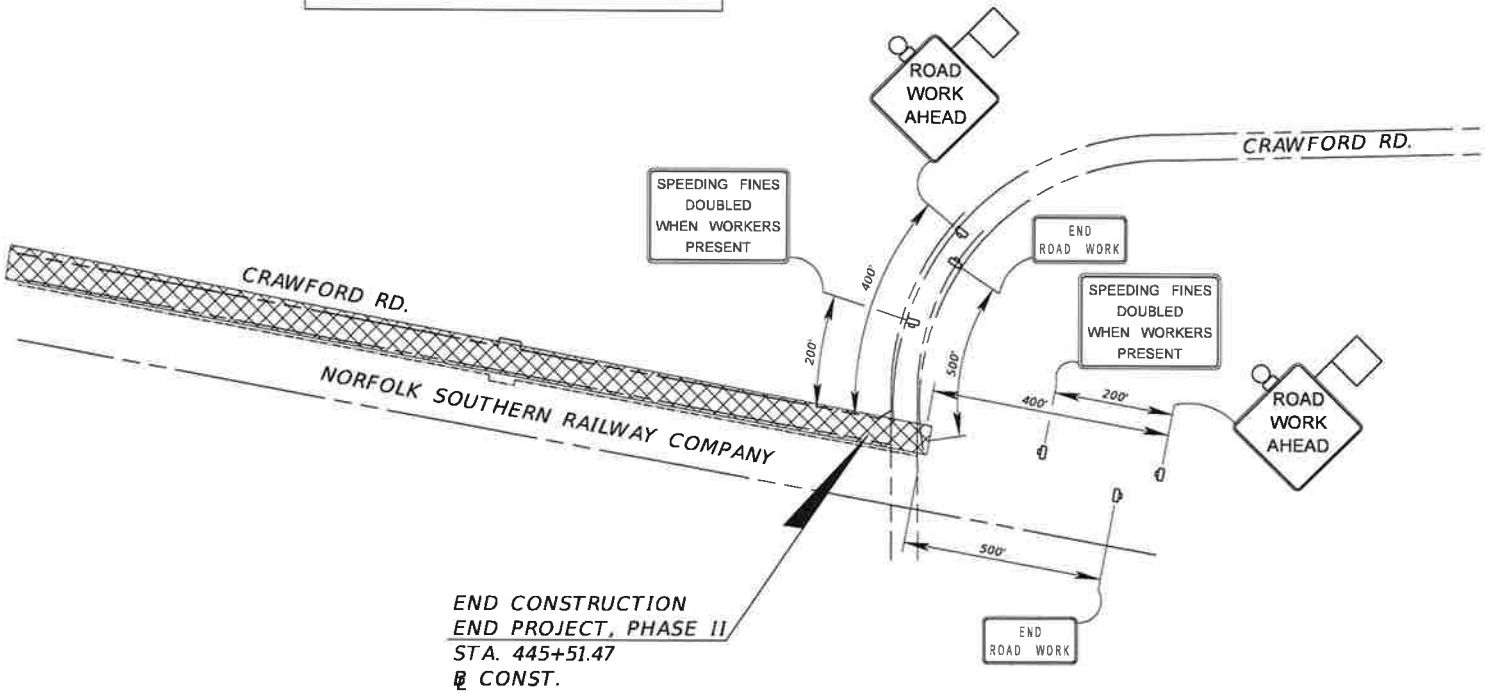
W20-1F
A

SIGNING ON SIDE STREETS



* 100' OR DISTANCE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE CALLED OUT IN THE PLANS





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No 30320

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NASSAU COUNTY
ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

ADVANCE SIGNING DETAIL

SHEET NO.
193

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NOTES

1: PLACEMENT OF SIGNS SHALL BE COORDINATED WITH ENGINEER PRIOR TO FINAL PLACEMENT.

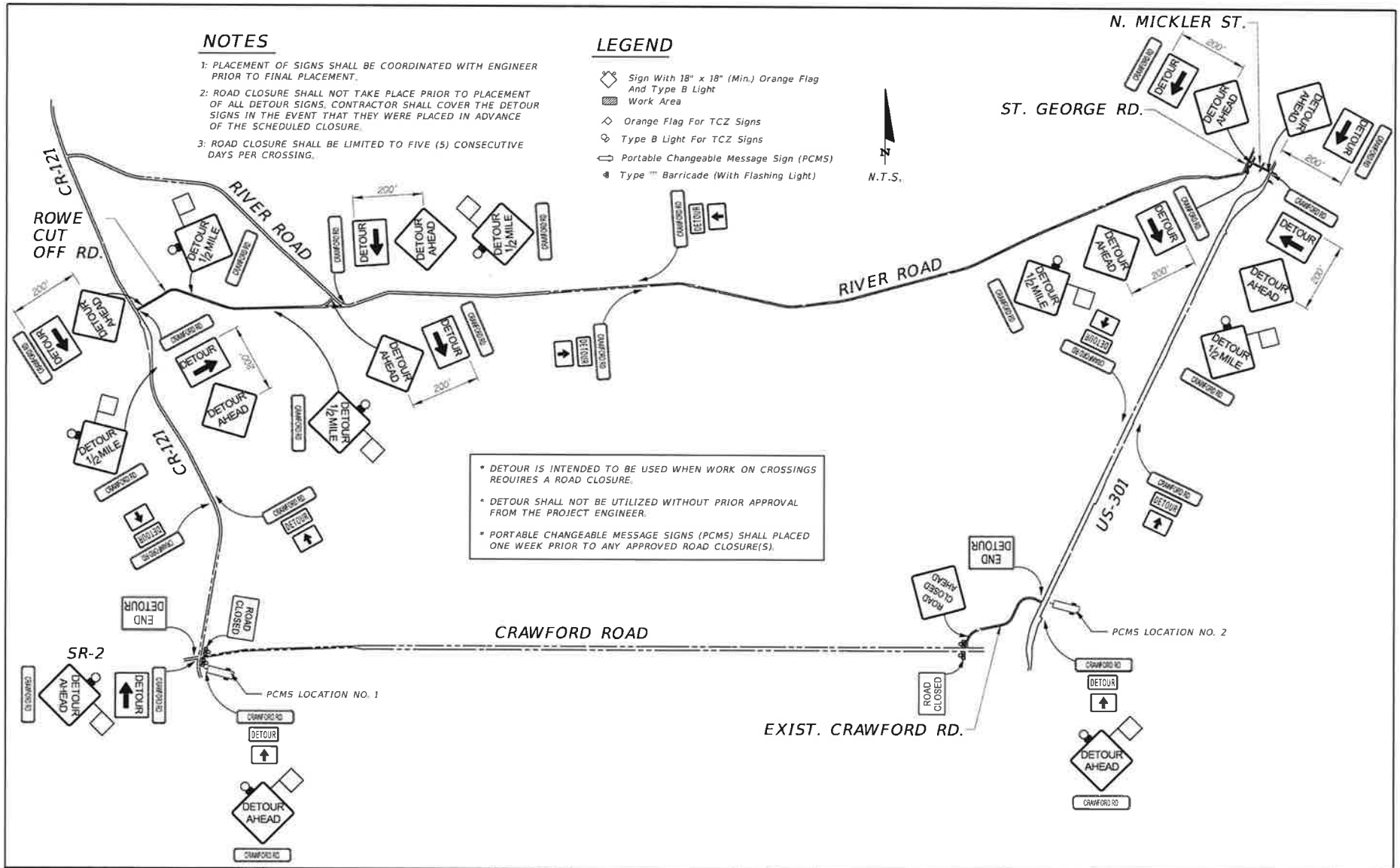
2: ROAD CLOSURE SHALL NOT TAKE PLACE PRIOR TO PLACEMENT OF ALL DETOUR SIGNS. CONTRACTOR SHALL COVER THE DETOUR SIGNS IN THE EVENT THAT THEY WERE PLACED IN ADVANCE OF THE SCHEDULED CLOSURE.

3: ROAD CLOSURE SHALL BE LIMITED TO FIVE (5) CONSECUTIVE DAYS PER CROSSING.

LEGEND

- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Work Area
- Orange Flag For TCZ Signs
- Type B Light For TCZ Signs
- Portable Changeable Message Sign (PCMS)
- Type "" Barricade (With Flashing Light)

N.T.S.



* DETOUR IS INTENDED TO BE USED WHEN WORK ON CROSSINGS REQUIRES A ROAD CLOSURE.

* DETOUR SHALL NOT BE UTILIZED WITHOUT PRIOR APPROVAL FROM THE PROJECT ENGINEER.

* PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL PLACED ONE WEEK PRIOR TO ANY APPROVED ROAD CLOSURE(S).

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Engineer of Record:
EltonAlan
Consulting Engineers | General Contractors
Certificate of Authorization No. 30320

Michael E. Holcomb
P.E. # 40144
3653 Regent Blvd.
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NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

CRAWFORD ROAD DETOUR

SHEET NO. 194

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NASSAU COUNTY ENGINEERING

CONTRACT PLANS

CRAWFORD ROAD - PHASE II

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 AND S-5	PAVEMENT MARKINGS DETAILS
S-6	SIGNING LAYOUT
S-7	SIGNING AND PAVEMENT MARKINGS SPECIAL DETAIL

SIGNING AND PAVEMENT MARKING PLANS

RUSSELL YAFFEE
LICENSE
No. 64513
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/11/13

SIGNING AND PAVEMENT MARKING PLANS ENGINEER OF RECORD:

RUSSELL T. YAFFEE, P.E.
P.E. NO. 64513
PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
(904) 265-0751
CONTRACT NO. CM2105
CERTIFICATE OF AUTHORIZATION NUMBER 28258

NASSAU COUNTY PROJECT MANAGER:

BECKY HIERS-BRAY, P.E.

FISCAL YEAR	SHEET NO.
17	S-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS ALL PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	TOTAL THIS SHEET PLAN	FINAL	GRAND TOTAL PLAN	FINAL
700-1-11	SINGLE POST SIGN, FURNISH AND INSTALL GROUND MOUNT, UP TO 12 SF	AS	16														16			
700-1-13	SINGLE POST SIGN, FURNISH AND INSTALL GROUND MOUNT, 21-30 SF	AS	1														1			
700-1-60	SINGLE POST SIGN, REMOVE	AS	12														12			
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	6														6			
700-13-15	RETROREFLECTIVE SIGN STRIP - FURNISH AND INSTALL, 5'	EA	2														2			
705-10-2	OBJECT MARKER, TYPE 2	EA	14														14			
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	690														690			
	BIDIRECTIONAL YELLOW	EA	690														690			
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	12														12			
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 GAP EXTENSION, 6"	GM	0.028														0.028			
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	4														4			
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION LINE, 6"	GM	0.050														0.050			
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	10.114														10.114			
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.161														0.161			
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	5.064														5.064			

RUSSELL YAFFEE III
LICENSE
No. 64513
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/10/18

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

TABULATION OF QUANTITIES

SHEET NO. S-2

12/10/2018

GENERAL NOTES

1. ALIGNMENT OF PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING PAVEMENT MARKINGS AT PAVEMENT MARKING LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL REMOVE ANY CONFLICTING MARKINGS AT LIMITS OF CONSTRUCTION.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP RPM'S CLEAN FROM EXISTING AND FINAL PAVEMENT MARKINGS. ANY REPLACEMENT RPM'S AFTER THE FINAL PLACEMENT SHALL BE AT THE CONTRACTOR'S EXPENSE.
3. ALL REMOVED SIGNS BECOME THE PROPERTY OF THE CONTRACTOR TO BE DISPOSED OF PROPERLY UNLESS OTHERWISE NOTED IN THE PLANS.
4. THE CONTRACTOR SHALL VERIFY THE LENGTH OF SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
5. SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, ETC., MAY BE ADJUSTED AS DIRECTED BY THE PROJECT ENGINEER.
6. CAUTION SHOULD BE EXERCISED IN THE INSTALLATION OF POST MOUNTED ROADSIDE SIGNS IN ORDER TO PREVENT POSSIBLE DAMAGE TO BURIED UTILITIES.
7. OUTSIDE CORNERS OF SIGN FACES TO BE CUT CONCENTRIC WITH BORDER. BORDER SHALL BE PARALLEL TO THE EDGE OF THE SIGN.
8. THE PROJECT ENGINEER MAY REQUIRE THE CONTRACTOR TO FIELD ADJUST THE LOCATION OF ANY SIGN TO INSURE PROPER VISIBILITY. THE CLEARING AND TRIMMING OF ALL VEGETATION TO ALLOW CLEAR VISIBILITY OF SIGNS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS CLEARING SHALL PERMIT UNOBSTRUCTED VIEWING OF THE SIGN FROM THE OUTSIDE LANE FOR A DISTANCE UP TO 1000 FEET IN ADVANCE OF THE SIGN. THE COST FOR CLEARING AND TRIMMING IS INCIDENTAL.
9. THE STREET NAME SIGNS SHALL BE KEPT VISIBLE AT ALL TIMES DURING CONSTRUCTION FOR EMERGENCY RESPONSE PERSONNEL.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND REPLACE ALL EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS. IF SIGNS ARE DAMAGED BY THE CONTRACTOR, THE SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
11. FOR SIGN DETAILS, USE THE MANUAL ON "STANDARD HIGHWAY SIGNS" PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, 2004, AND NASSAU COUNTY'S SIGN DETAILS.
12. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR, AS DETERMINED BY THE PROJECT ENGINEER, SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
13. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
14. A BLUE REFLECTIVE PAVEMENT MARKER IS TO BE PLACED IN THE CENTER OF THE TRAVEL LANE CLOSEST TO EACH FIRE HYDRANT LOCATION.
15. OBJECT MARKERS (TYPE 2) ARE TO BE PLACED AT ALL CROSS DRAINS WITHIN THE PROJECT LIMITS.
16. RELOCATE EXISTING STREET NAME SIGNS ONTO PROPOSED STOP SIGNS AS CALLED OUT IN PLANS. ADJUST COLUMN SIZE AND LENGTH FOR EACH SIGN ASSEMBLY IN ACCORDANCE WITH THE FDOT DESIGN STANDARDS. COST TO BE INCLUDED UNDER RELATED PAY ITEMS.
17. ENSURE THAT ALL SIGNAGE FOR THE ROADWAYS AND AT THE SIDEROAD CROSSINGS CONFORMS TO THE CURRENT MUTCD.

NORFOLK SOUTHERN RAILWAY COMPANY GENERAL NOTES

1. ALL WORK ON, OVER, OR ADJACENT THE NORFOLK SOUTHERN RIGHT-OF-WAY SHALL CONFORM TO THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTERESTS.
2. THE CONTRACTOR SHALL COORDINATE HIS WORK ON OR ADJACENT TO RAILROAD RIGHT-OF-WAY WITH THE FOLLOWING REPRESENTATIVES OF THE RAILROAD.

NORFOLK SOUTHERN CONTACTS BELOW:

William Lindsey
Norfolk Southern Corporation
Track Supervisor II
400 S Fry St Valdosta, GA 31601
(912) 383-5042
William.lindsey@nscorp.com

Jacob Watson
Norfolk Southern Corporation
Engineer - Public Relations
1200 Peachtree Street, NE Atlanta, GA 30309
Jacob.watson@nscorp.com

RUSSELL YAFFEE
LICENSE
No. 64513
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/11/18

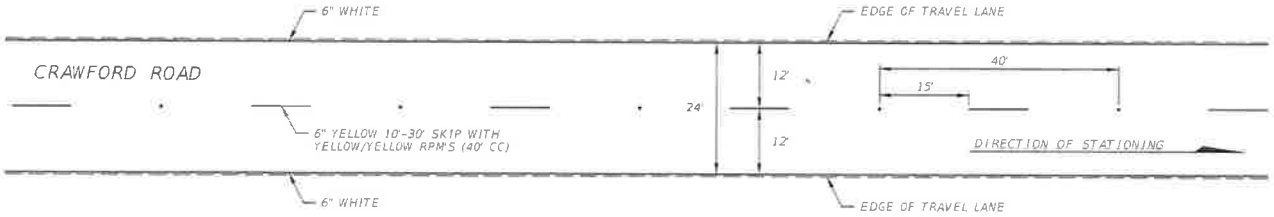
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

GENERAL NOTES

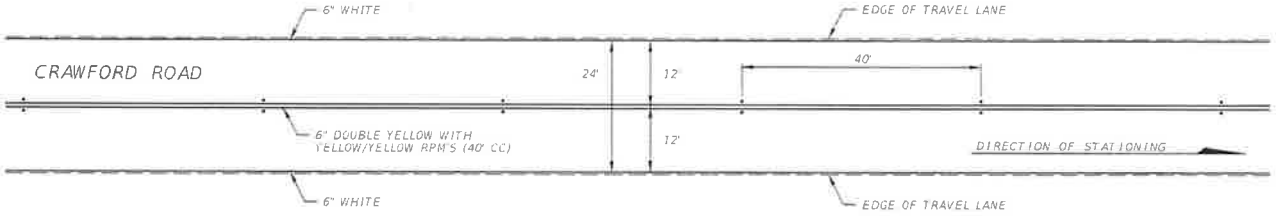
SHEET NO.
S-3



TYPICAL STRIPING DETAIL 1

PASSING BOTH DIRECTIONS
NOT TO SCALE

STA. 173+75 TO STA. 441+11



TYPICAL STRIPING DETAIL 2

NO PASSING BOTH DIRECTIONS
NOT TO SCALE

STA. 441+11 TO STA. 445+36

RUSSELL YAFFEE
LICENSE
No. 64513
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

12/11/18

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

NASSAU COUNTY
ENGINEERING

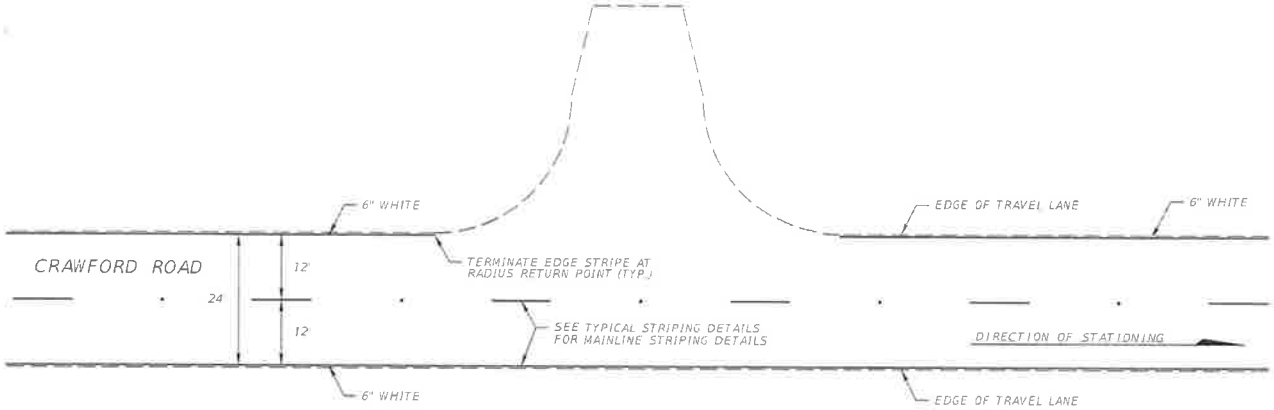
CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

PAVEMENT MARKINGS DETAILS

SHEET NO.

S-4

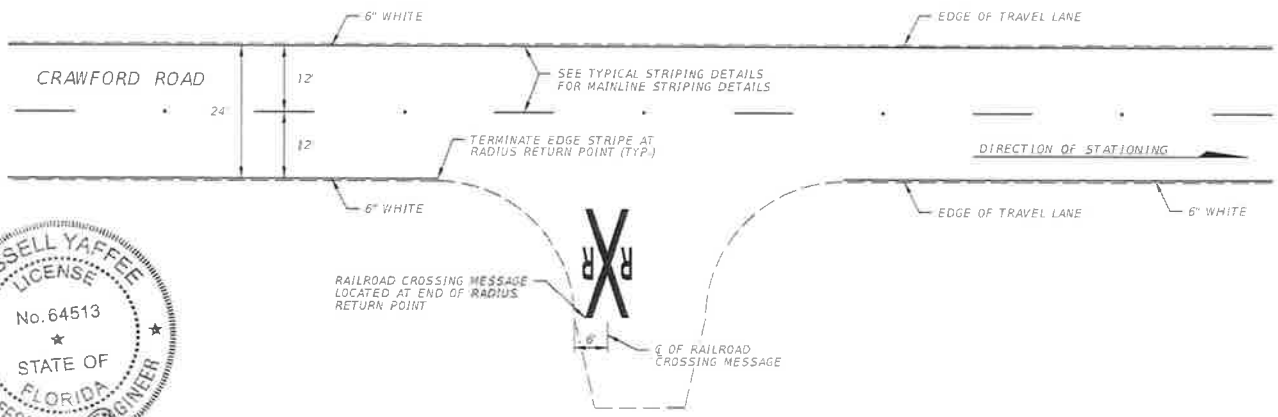


NOTE: DRIVEWAY ON RIGHT SIDE IS MIRROR IMAGE

TYPICAL DRIVEWAY STRIPING DETAIL

NOT TO SCALE

TYPICAL DRIVEWAY STRIPING LOCATIONS	
LOCATION	SIDE
STA. @ ℄ OF DRIVEWAY	
187+44.87	LT
210+68.24	LT
217+18.80	LT
236+24.13	LT
253+58.14	LT
301+35.20	LT
313+47.64	LT
354+90.85	RT
371+03.19	LT
427+53.55	LT



RAILROAD CROSSING DRIVEWAY STRIPING LOCATIONS	
LOCATION	SIDE
STA. @ ℄ OF DRIVEWAY	
188+00.69	RT
217+45.73	RT
304+14.08	RT
378+62.37	RT

RAILROAD CROSSING DRIVEWAY STRIPING DETAIL

NOT TO SCALE

RUSSELL YAFFEE LICENSE No. 64513 STATE OF FLORIDA PROFESSIONAL ENGINEER

12/1/18

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

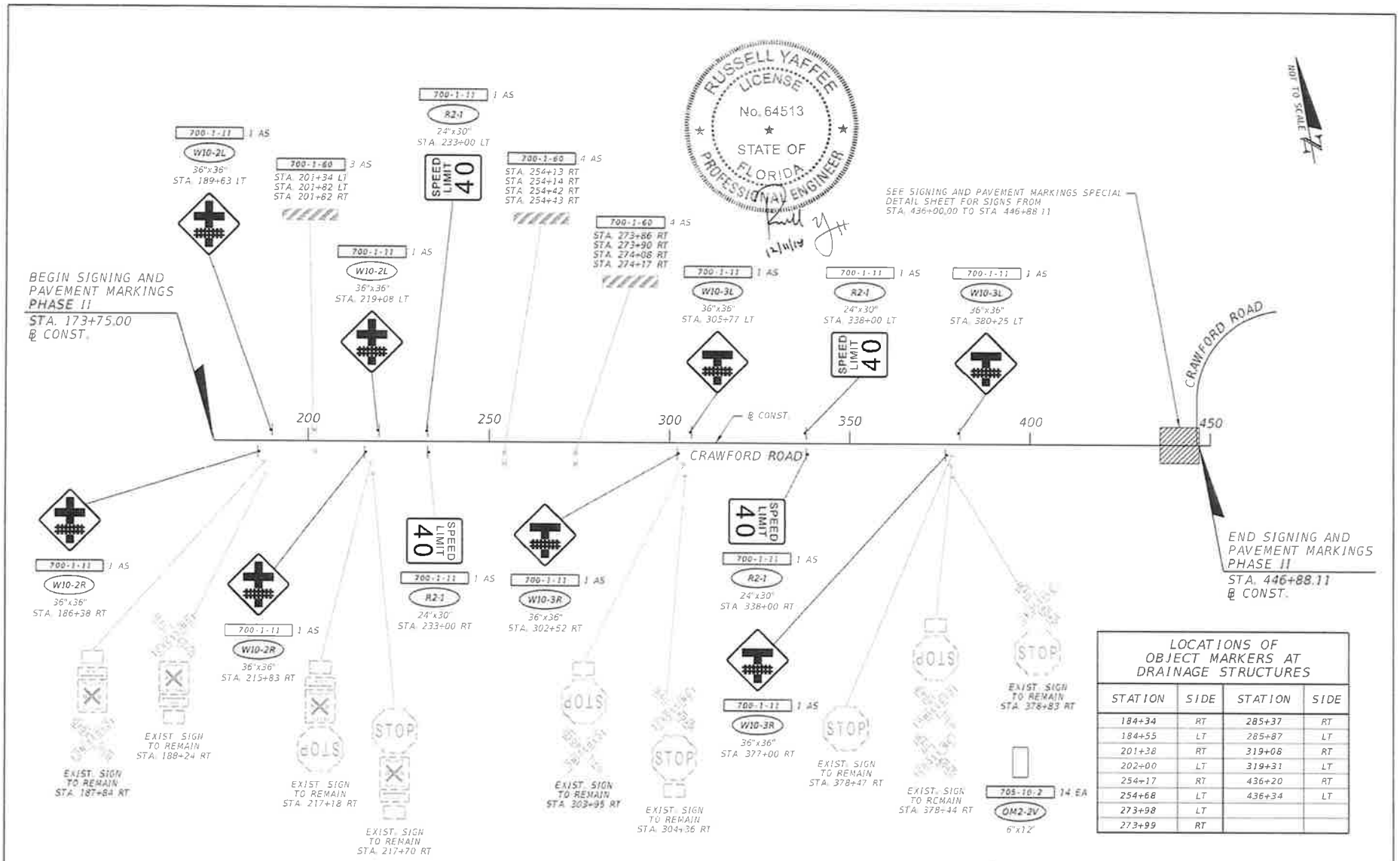
NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

PAVEMENT MARKINGS DETAILS

SHEET NO. S-5



LOCATIONS OF OBJECT MARKERS AT DRAINAGE STRUCTURES			
STATION	SIDE	STATION	SIDE
184+34	RT	285+37	RT
184+55	LT	285+87	LT
201+38	RT	319+08	RT
202+00	LT	319+31	LT
254+17	RT	436+20	RT
254+68	LT	436+34	LT
273+98	LT		
273+99	RT		

REVISIONS			
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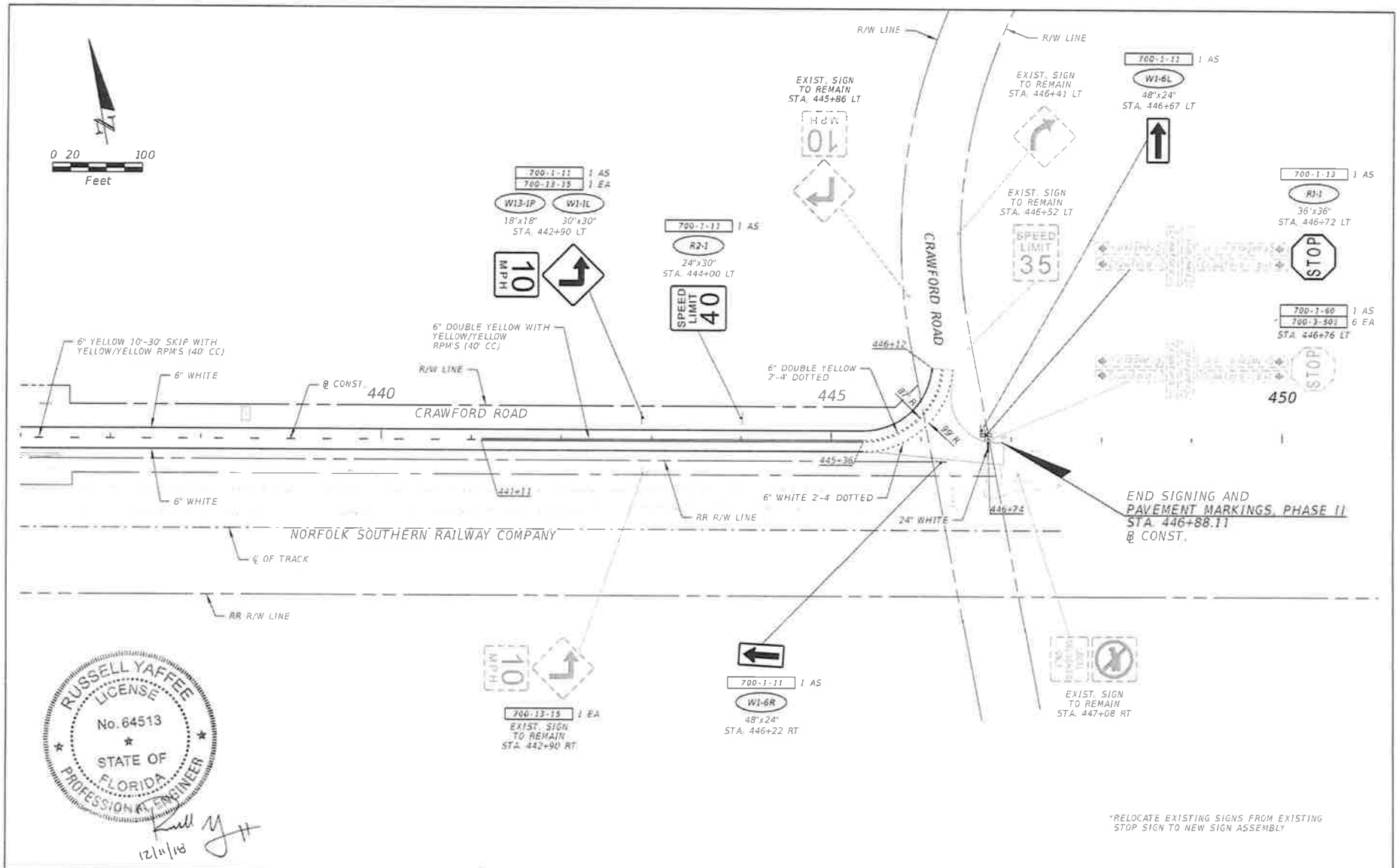
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

NASSAU COUNTY ENGINEERING
CONSTRUCTION PLANS FOR:
CRAWFORD RD. PHASE II

SIGNING LAYOUT

SHEET NO.
S-6



RUSSELL YAFFEE
LICENSE
No. 64513
STATE OF FLORIDA
PROFESSIONAL ENGINEER

12/11/18

REVISIONS			
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PETERS AND YAFFEE, INC.
9822 TAPESTRY PARK CIRCLE, SUITE 205
JACKSONVILLE, FL 32246
CERTIFICATE OF AUTHORIZATION 28258
RUSSELL T. YAFFEE, P.E. 64513

NASSAU COUNTY ENGINEERING

CONSTRUCTION PLANS FOR:

CRAWFORD RD. PHASE II

SIGNING AND PAVEMENT MARKINGS SPECIAL DETAIL

SHEET NO.

S-7