FOR EARTHWORK DEVELOPMENT ONLY

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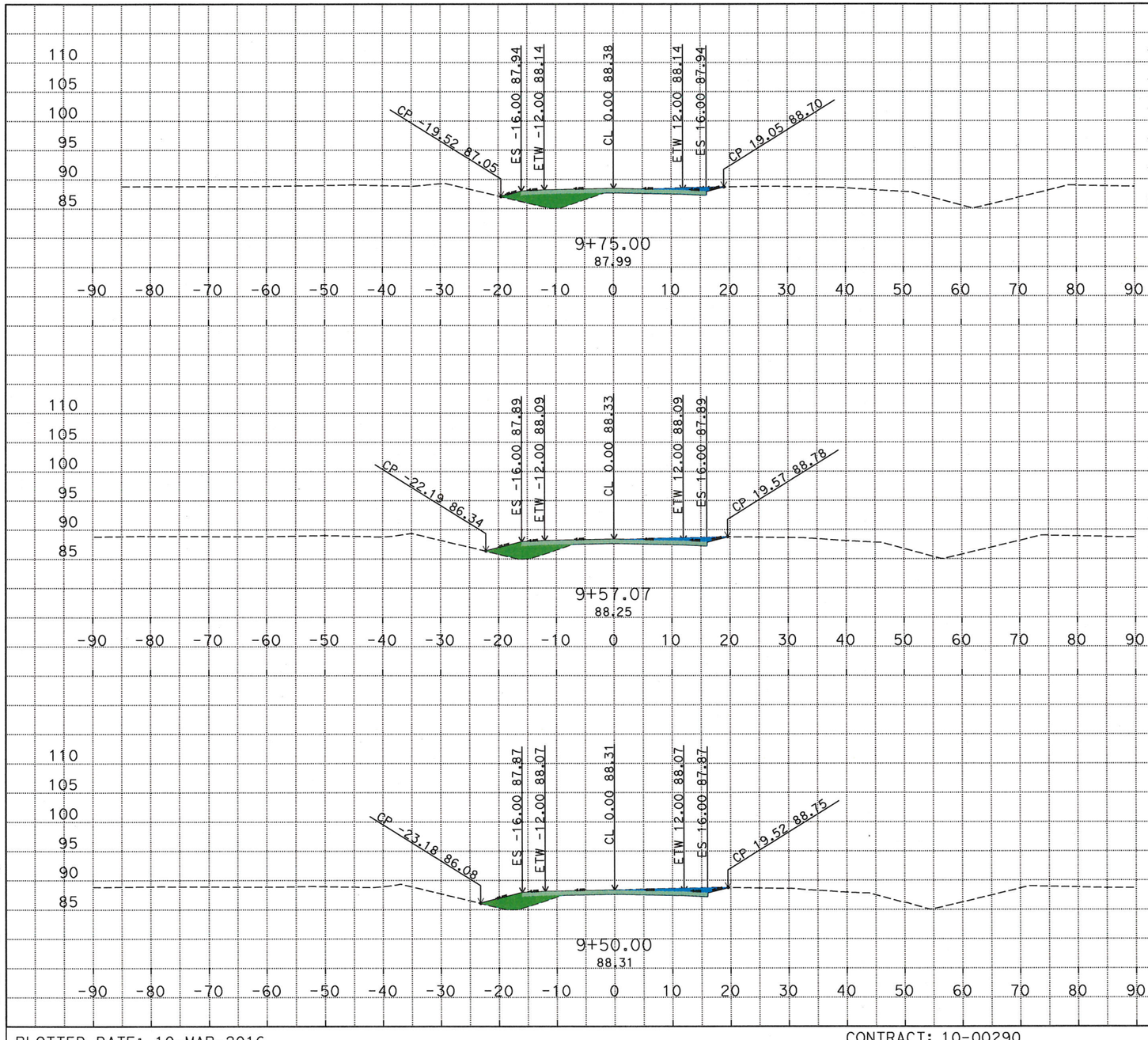

Material(s) at Station 9+75.00			
Material Name	Area	Volume	Cumulative Volume
Cut	14.55	11.67	17.50
Fill	25.42	15.50	20.56

Material(s) at Station 9+75.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	13.81	19.26

Material(s) at Station 9+57.07			
Material Name	Area	Volume	Cumulative Volume
Cut	20.59	5.83	5.83
Fill	21.26	5.06	5.06

Material(s) at Station 9+57.07			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	5.45	5.45

Material(s) at Station 9+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	23.23	0.00	0.00
Fill	18.75	0.00	0.00

Material(s) at Station 9+50.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	0.00	0.00

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

PLOTTED DATE: 10-MAR-2016

SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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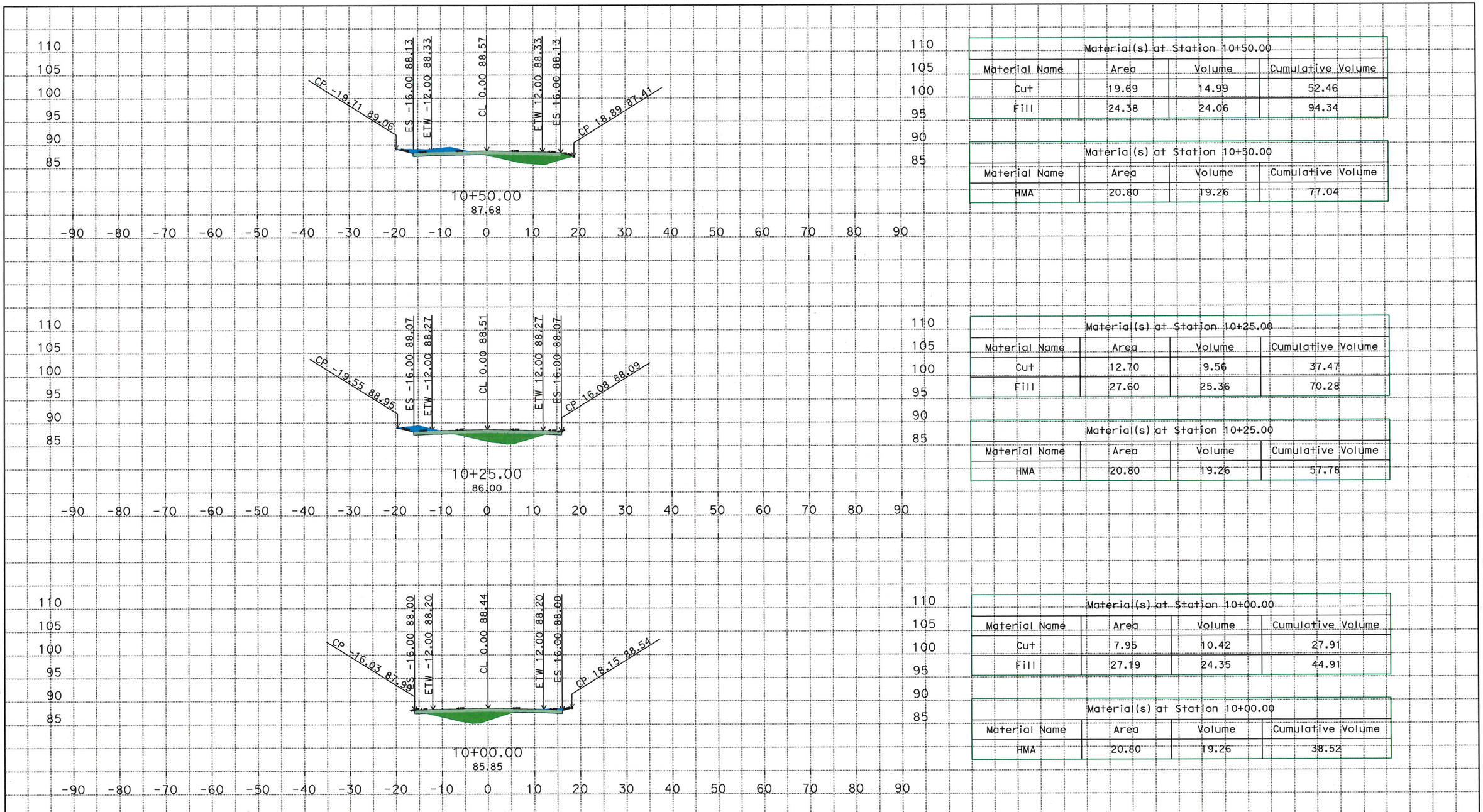

Material(s) at Station 10+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	19.69	14.99	52.46
Fill	24.38	24.06	94.34

Material(s) at Station 10+50.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	77.04

Material(s) at Station 10+25.00			
Material Name	Area	Volume	Cumulative Volume
Cut	12.70	9.56	37.47
Fill	27.60	25.36	70.28

Material(s) at Station 10+25.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	57.78

Material(s) at Station 10+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	7.95	10.42	27.91
Fill	27.19	24.35	44.91

Material(s) at Station 10+00.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	38.52

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ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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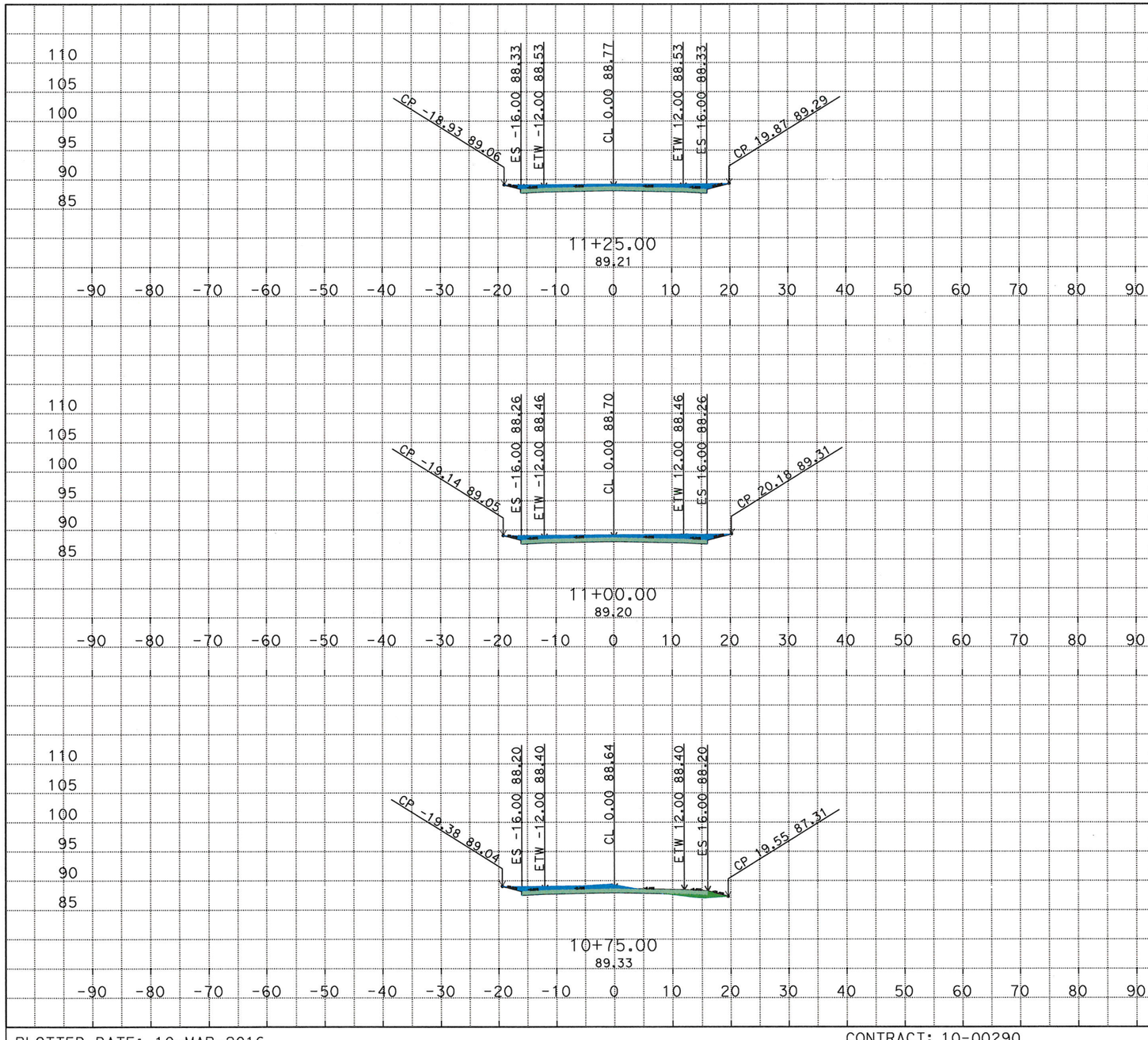

Material(s) at Station 11+25.00			
Material Name	Area	Volume	Cumulative Volume
Cut	42.89	40.98	150.60
Fill	0.00	0.00	110.01

Material(s) at Station 11+25.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	134.81

Material(s) at Station 11+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	45.63	34.58	109.62
Fill	0.00	2.19	110.01

Material(s) at Station 11+00.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	115.56

Material(s) at Station 10+75.00			
Material Name	Area	Volume	Cumulative Volume
Cut	29.07	22.57	75.03
Fill	4.73	13.48	107.82

Material(s) at Station 10+75.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	96.30

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ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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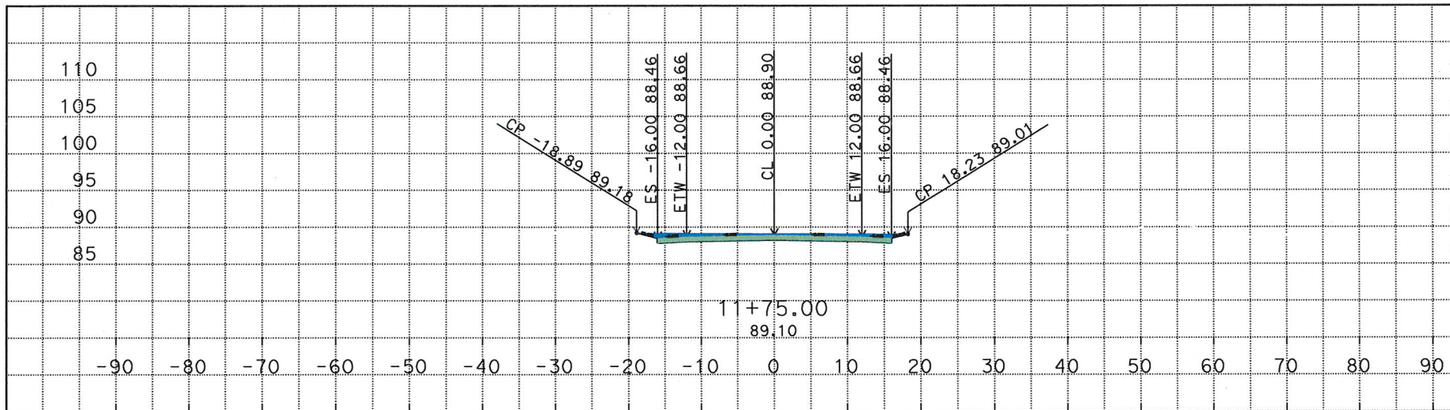
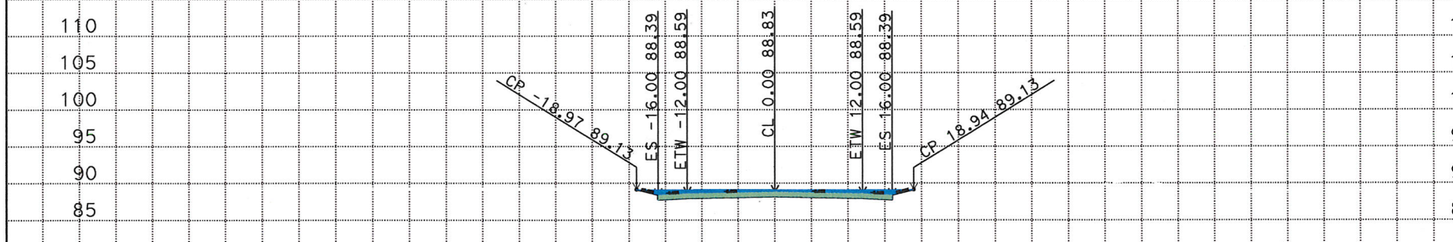


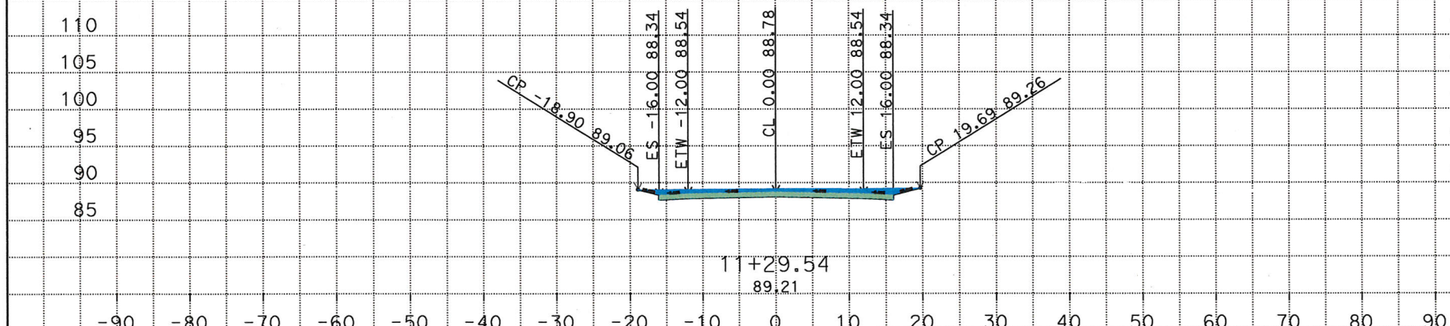
Material(s) at Station 11+75.00			
Material Name	Area	Volume	Cumulative Volume
Cut	34.49	33.67	221.84
Fill	0.00	0.00	110.01

Material(s) at Station 11+75.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	173.33



Material(s) at Station 11+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	38.20	30.42	188.17
Fill	0.00	0.00	110.01

Material(s) at Station 11+50.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	15.76	154.07



Material(s) at Station 11+29.54			
Material Name	Area	Volume	Cumulative Volume
Cut	42.13	7.15	157.75
Fill	0.00	0.00	110.01

Material(s) at Station 11+29.54			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	3.54	138.31

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ALIGNMENT "A3"
CROSS SECTIONS
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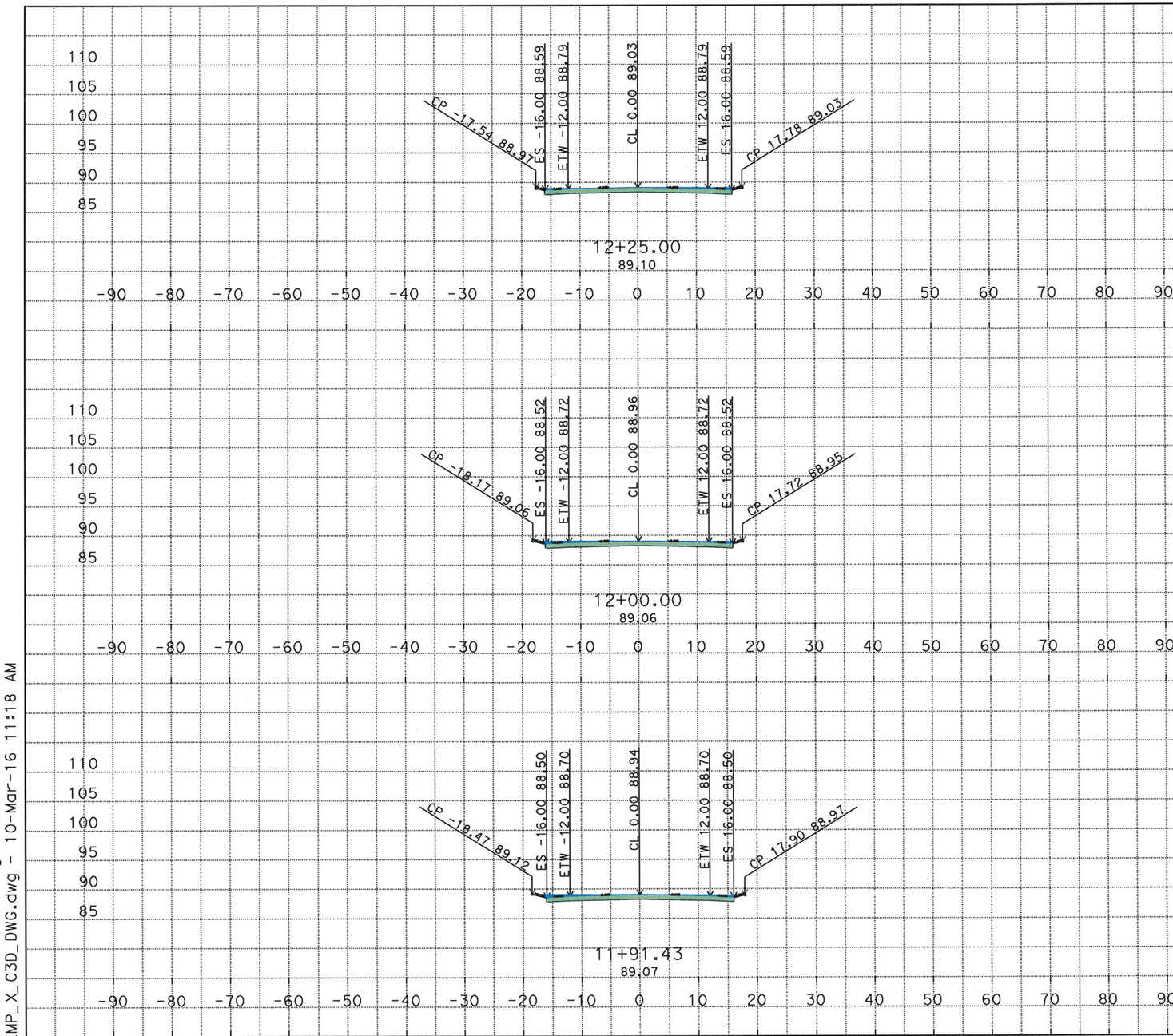

Material(s) at Station 12+25.00			
Material Name	Area	Volume	Cumulative Volume
Cut	27.76	26.72	278.52
Fill	0.00	0.00	110.01

Material(s) at Station 12+25.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	211.85

Material(s) at Station 12+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	29.95	9.80	251.80
Fill	0.00	0.00	110.01

Material(s) at Station 12+00.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	6.60	192.59

Material(s) at Station 11+91.43			
Material Name	Area	Volume	Cumulative Volume
Cut	31.71	20.17	242.01
Fill	0.00	0.00	110.01

Material(s) at Station 11+91.43			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	12.66	185.99

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ALIGNMENT "A3"
CROSS SECTIONS
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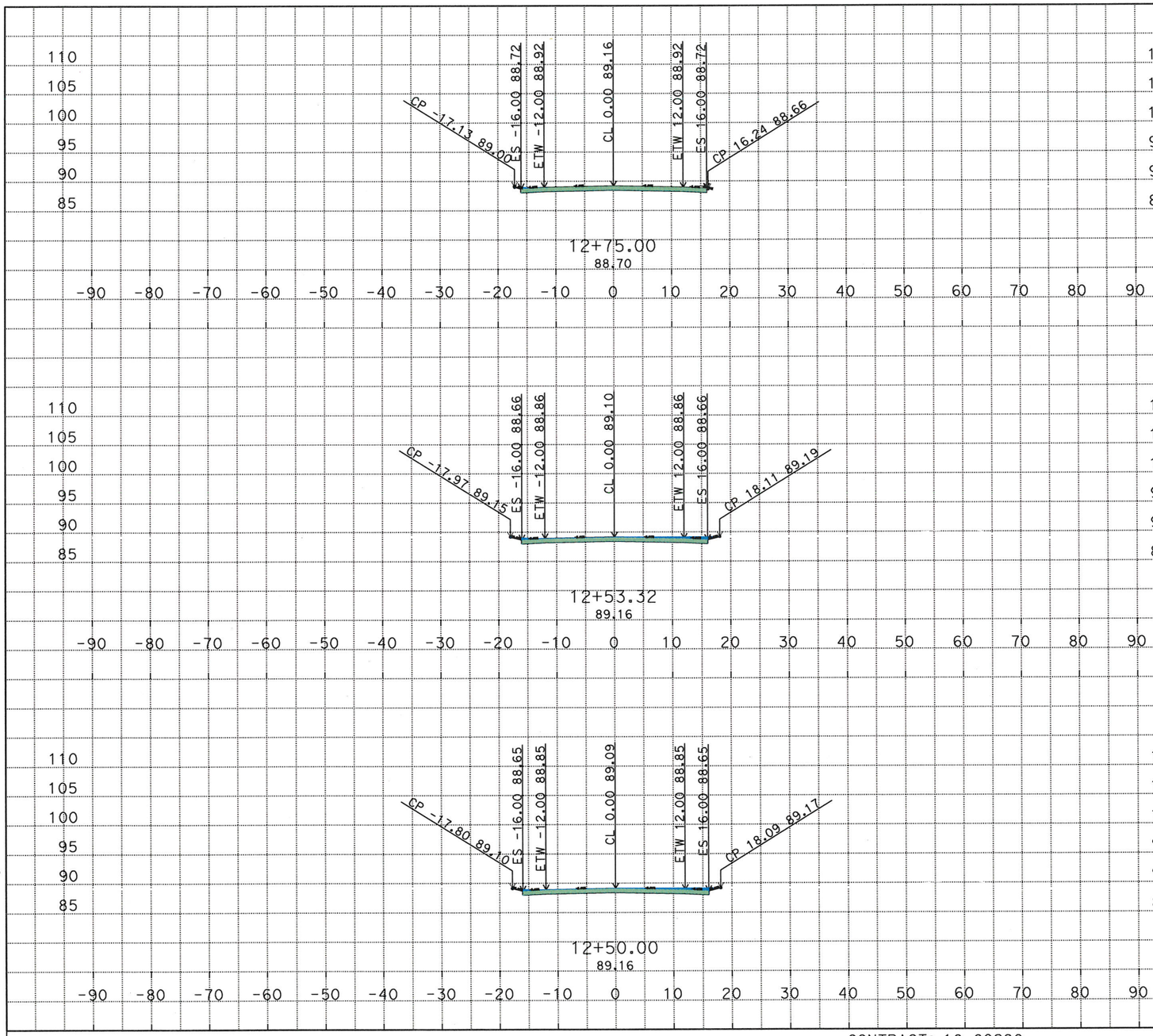

Material(s) at Station 12+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	13.17	16.38	323.84
Fill	0.01	0.00	110.02

Material(s) at Station 12+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	12.80	16.70	250.37

Material(s) at Station 12+53.32

Material Name	Area	Volume	Cumulative Volume
Cut	27.64	3.39	307.46
Fill	0.00	0.00	110.01

Material(s) at Station 12+53.32

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	2.56	233.67

Material(s) at Station 12+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	27.51	25.54	304.07
Fill	0.00	0.00	110.01

Material(s) at Station 12+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	231.11

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PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
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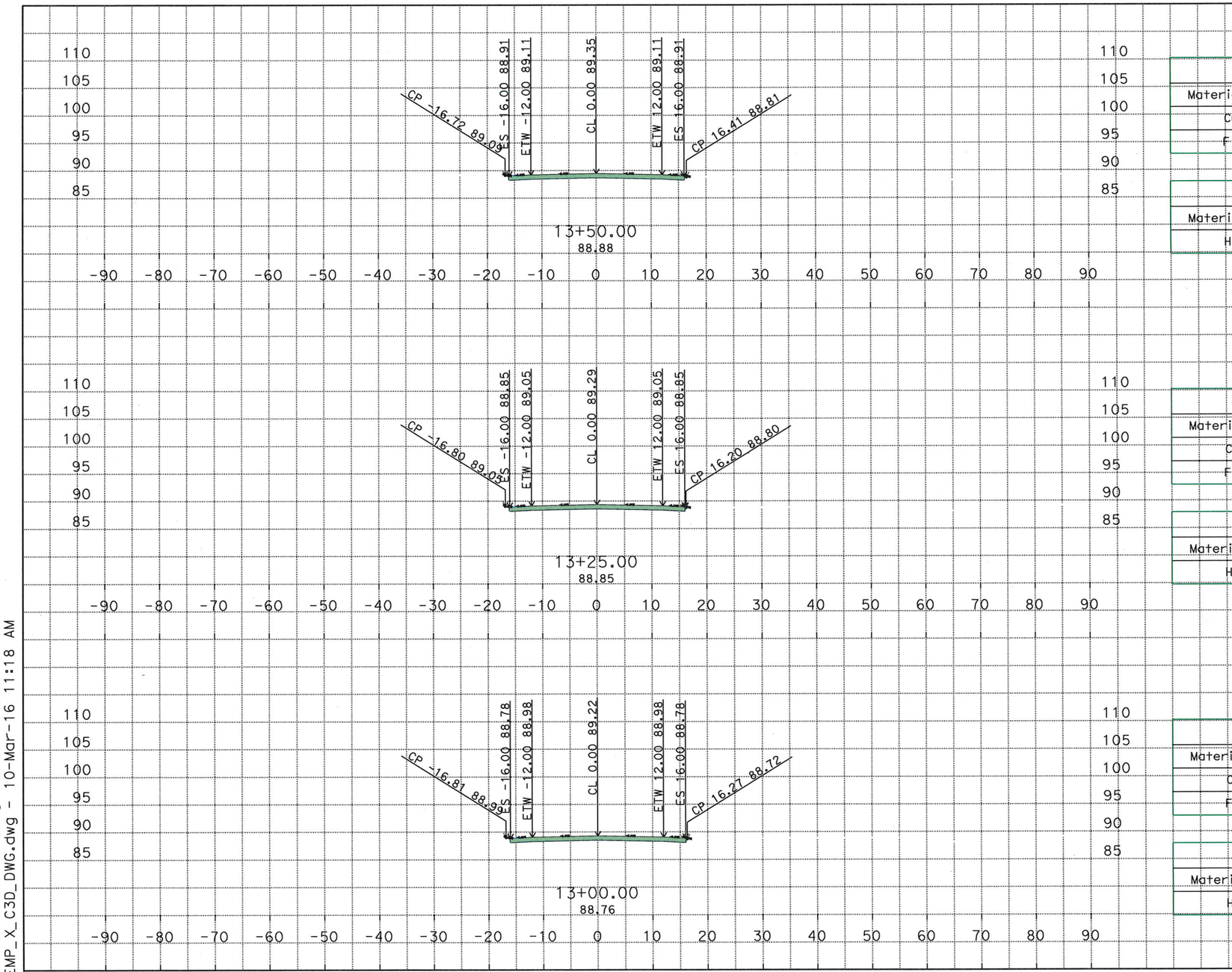

Material(s) at Station 13+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	11.71	11.39	358.60
Fill	0.02	0.01	110.04

Material(s) at Station 13+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	308.15

Material(s) at Station 13+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	12.89	11.62	347.21
Fill	0.01	0.01	110.03

Material(s) at Station 13+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	288.89

Material(s) at Station 13+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	12.22	11.75	335.59
Fill	0.01	0.01	110.02

Material(s) at Station 13+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	269.63

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ALIGNMENT "A3"
CROSS SECTIONS
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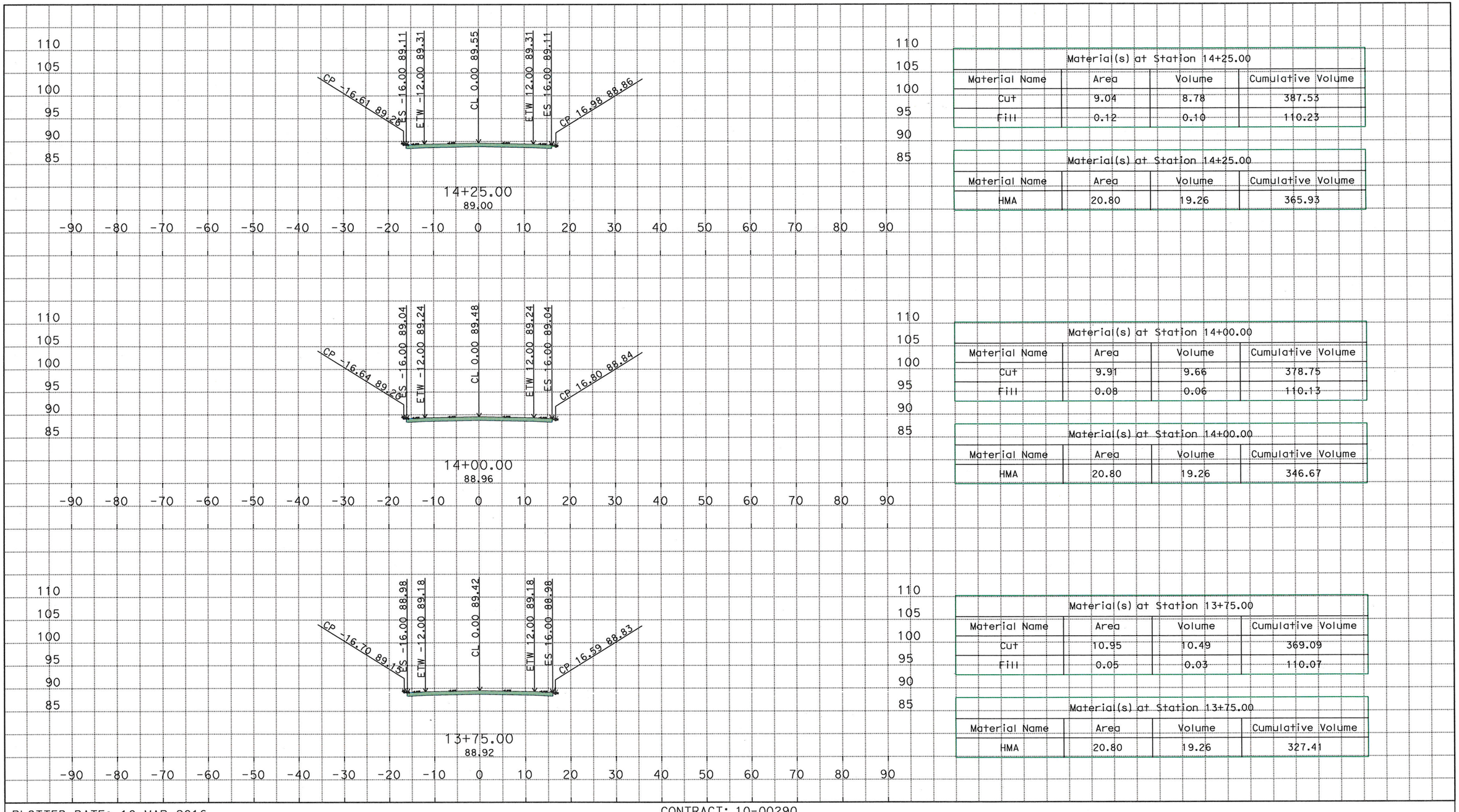

Material(s) at Station 14+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	9.04	8.78	387.53
Fill	0.12	0.10	110.23

Material(s) at Station 14+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	365.93

Material(s) at Station 14+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	9.91	9.66	378.75
Fill	0.08	0.06	110.13

Material(s) at Station 14+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	346.67

Material(s) at Station 13+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	10.95	10.49	369.09
Fill	0.05	0.03	110.07

Material(s) at Station 13+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	327.41

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ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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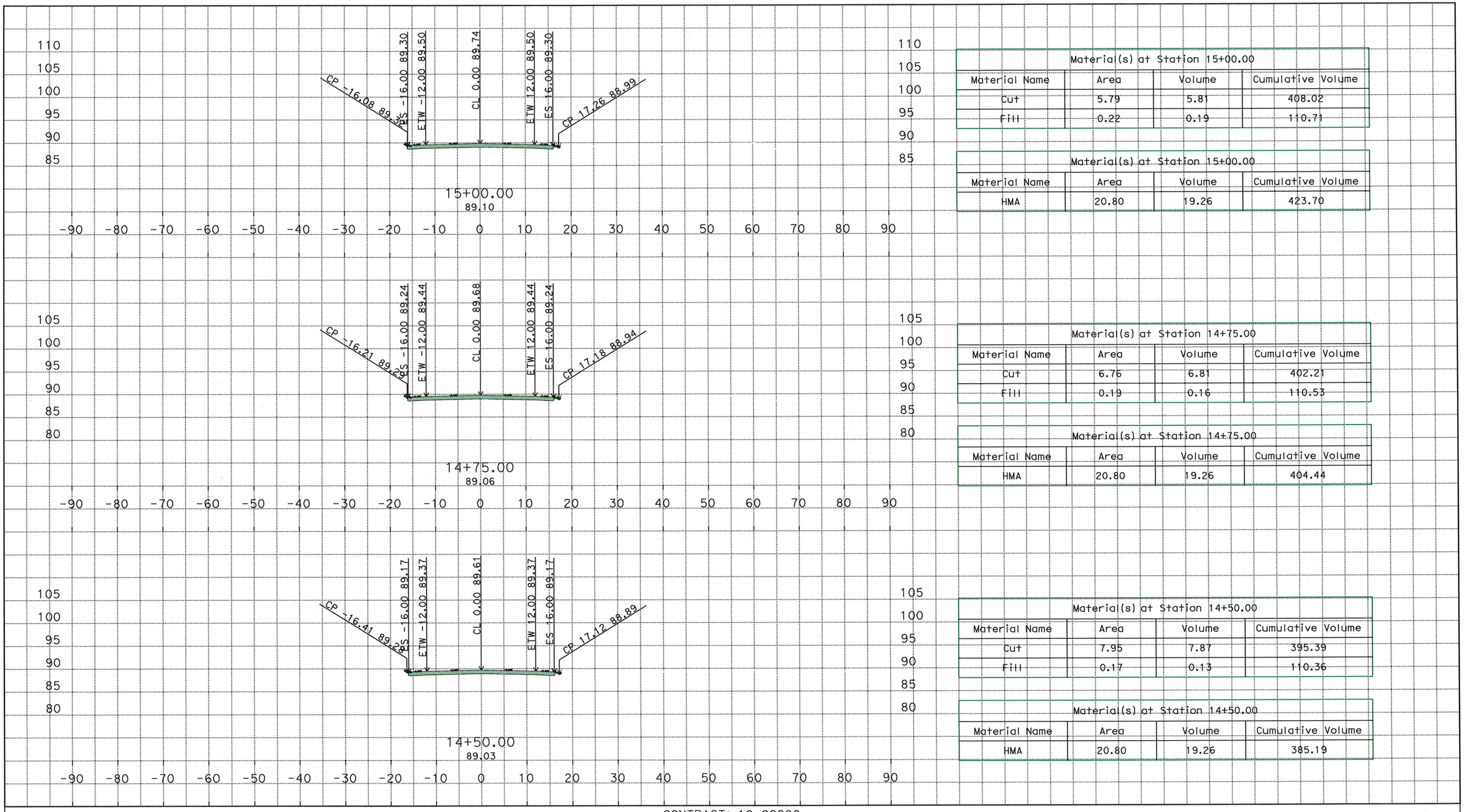

Material(s) at Station 15+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	5.79	5.81	408.02
Fill	0.22	0.19	110.71

Material(s) at Station 15+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	423.70

Material(s) at Station 14+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	6.76	6.81	402.21
Fill	0.19	0.16	110.53

Material(s) at Station 14+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	404.44

Material(s) at Station 14+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	7.95	7.87	395.39
Fill	0.17	0.13	110.36

Material(s) at Station 14+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	385.19

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ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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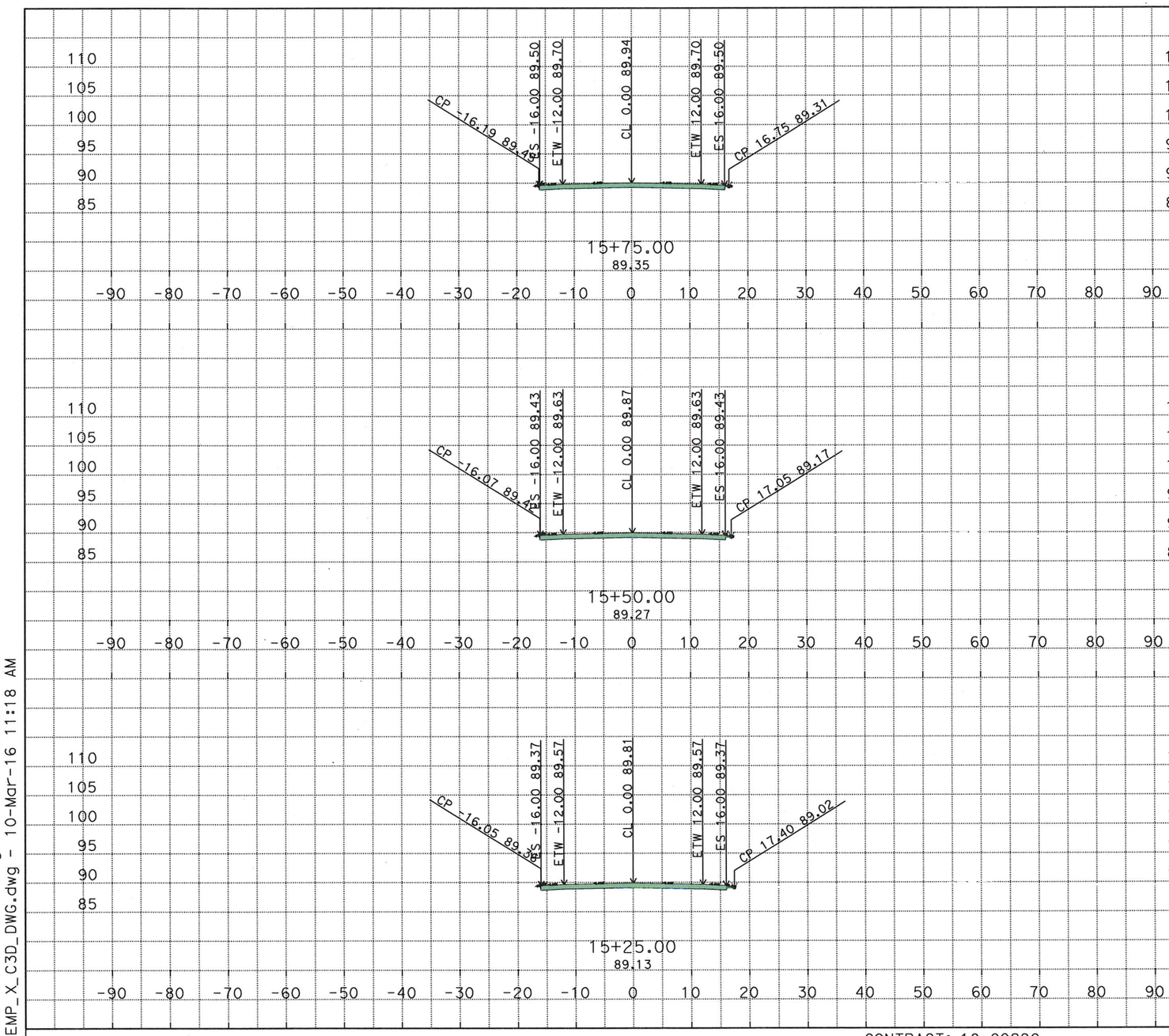

Material(s) at Station 15+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	7.69	6.77	425.32
Fill	0.08	0.11	111.30

Material(s) at Station 15+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	481.48

Material(s) at Station 15+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	6.93	5.53	418.56
Fill	0.15	0.23	111.20

Material(s) at Station 15+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	462.22

Material(s) at Station 15+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	5.01	5.00	413.02
Fill	0.34	0.26	110.97

Material(s) at Station 15+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	442.96

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ALIGNMENT "A3"
CROSS SECTIONS
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FOR EARTHWORK DEVELOPMENT ONLY

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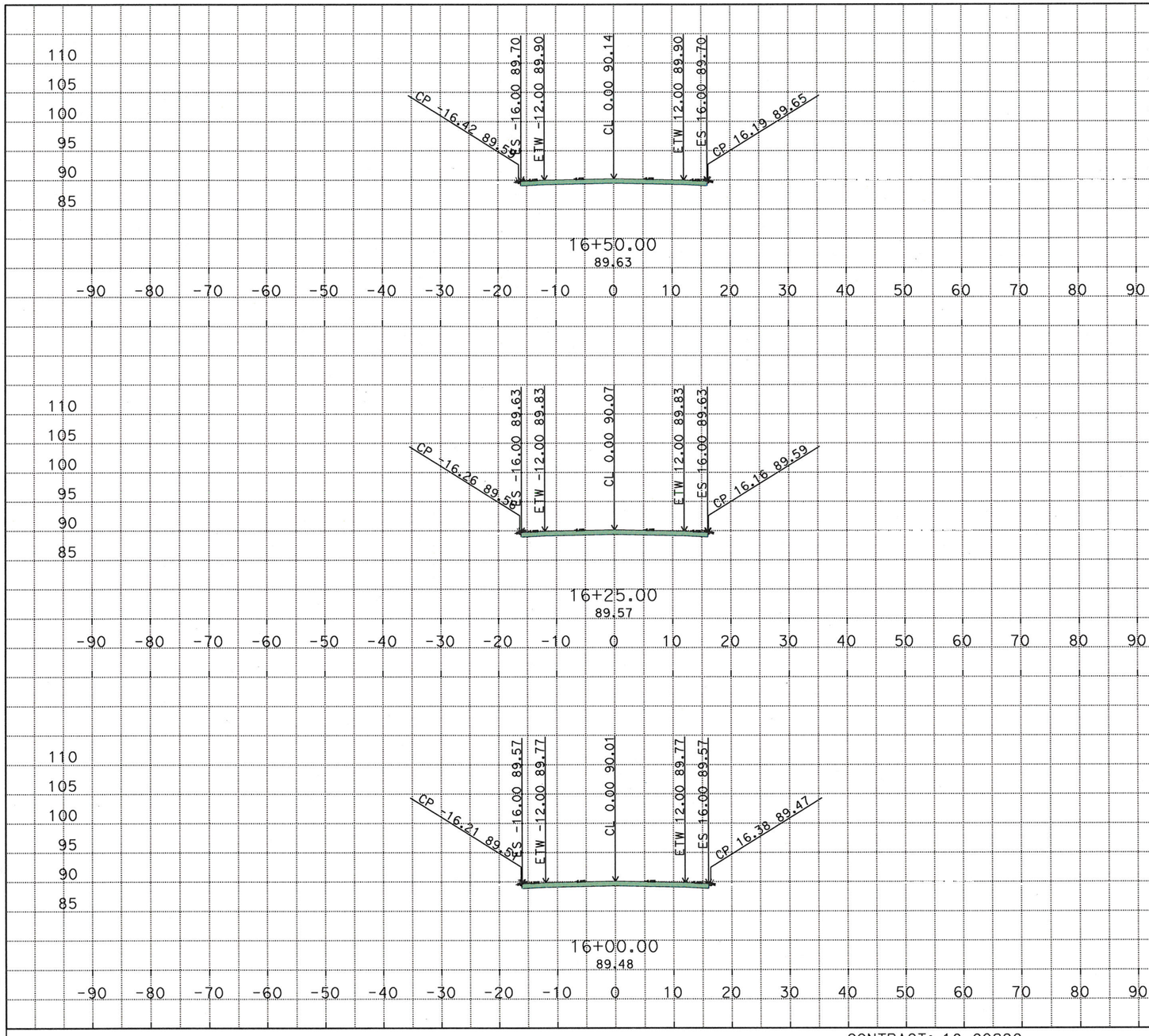

Material(s) at Station 16+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	10.11	9.54	452.26
Fill	0.03	0.02	111.38

Material(s) at Station 16+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	539.26

Material(s) at Station 16+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	10.51	9.35	442.71
Fill	0.01	0.02	111.37

Material(s) at Station 16+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	520.00

Material(s) at Station 16+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	9.68	8.04	433.37
Fill	0.02	0.05	111.35

Material(s) at Station 16+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	500.74

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ALIGNMENT "A3"
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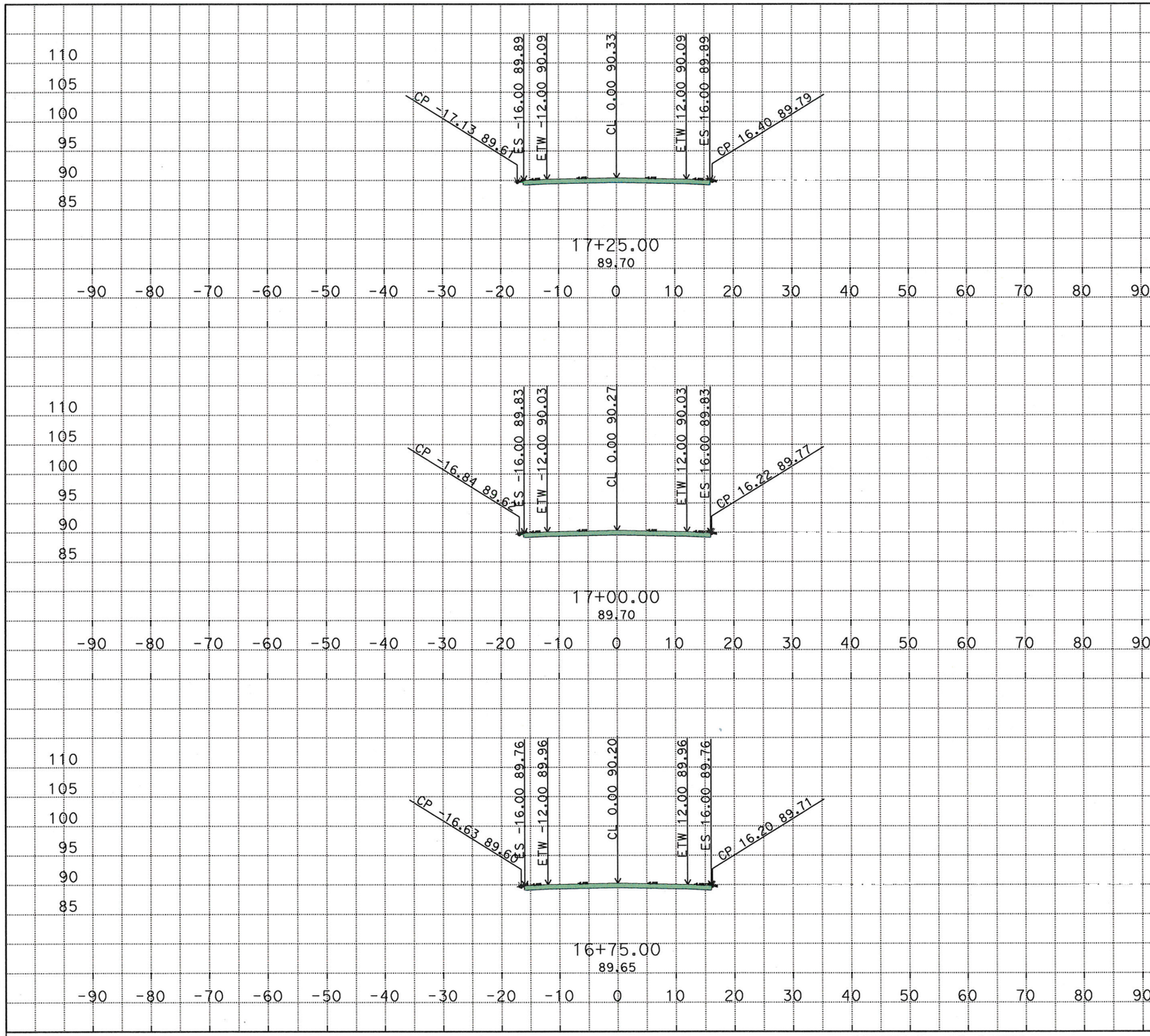

Material(s) at Station 17+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	6.23	6.72	475.76
Fill	0.18	0.12	111.61

Material(s) at Station 17+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	597.04

Material(s) at Station 17+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	8.28	7.97	469.04
Fill	0.09	0.07	111.49

Material(s) at Station 17+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	577.78

Material(s) at Station 16+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	8.93	8.81	461.07
Fill	0.05	0.04	111.42

Material(s) at Station 16+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	558.52

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ALIGNMENT "A3"
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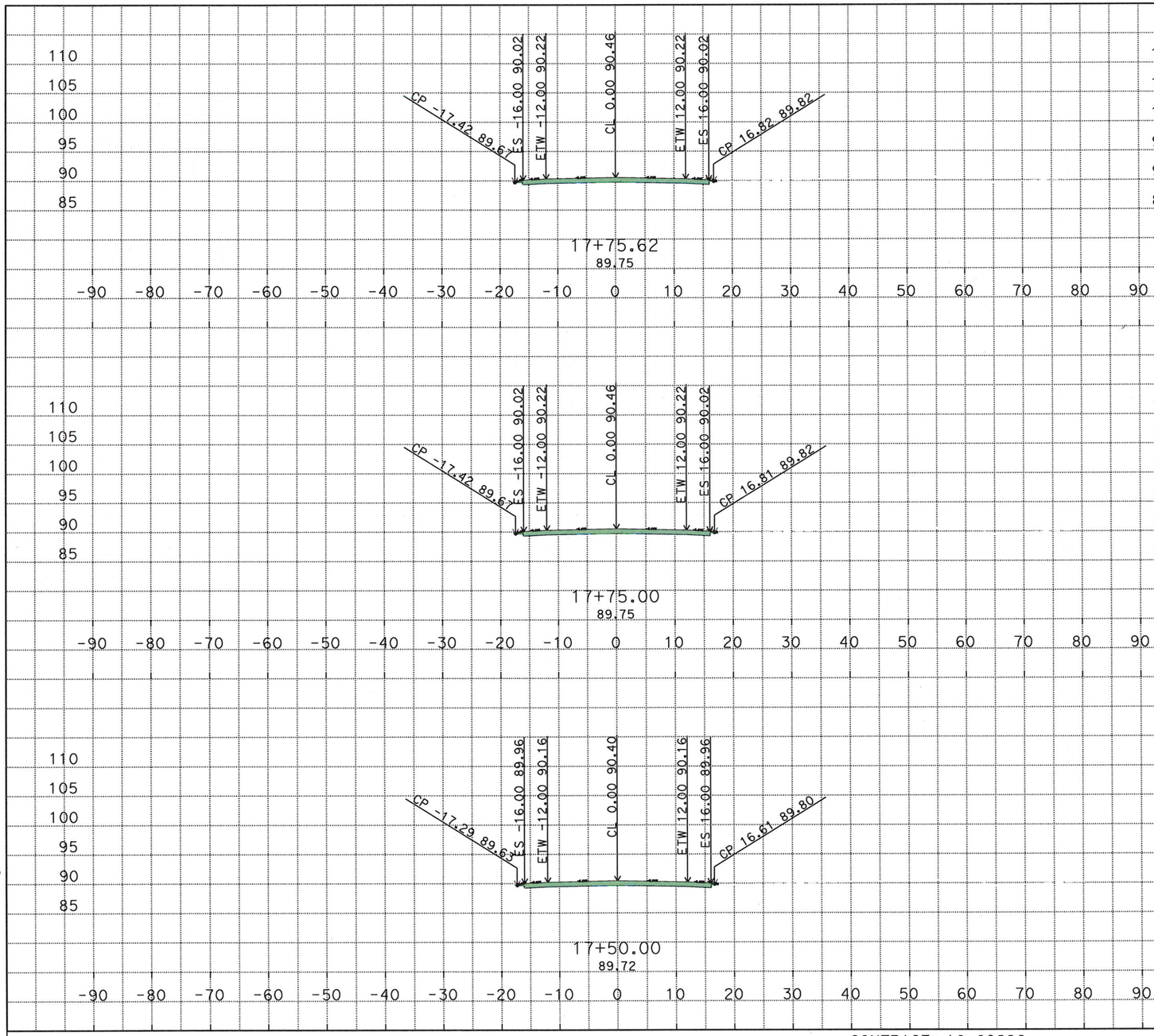

Material(s) at Station 17+75.62

Material Name	Area	Volume	Cumulative Volume
Cut	3.68	0.09	484.89
Fill	0.57	0.01	112.24

Material(s) at Station 17+75.62

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	0.48	636.04

Material(s) at Station 17+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	3.71	3.94	484.81
Fill	0.56	0.39	112.22

Material(s) at Station 17+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	635.56

Material(s) at Station 17+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	4.80	5.11	480.87
Fill	0.29	0.22	111.83

Material(s) at Station 17+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	616.30

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ALIGNMENT "A3"
CROSS SECTIONS
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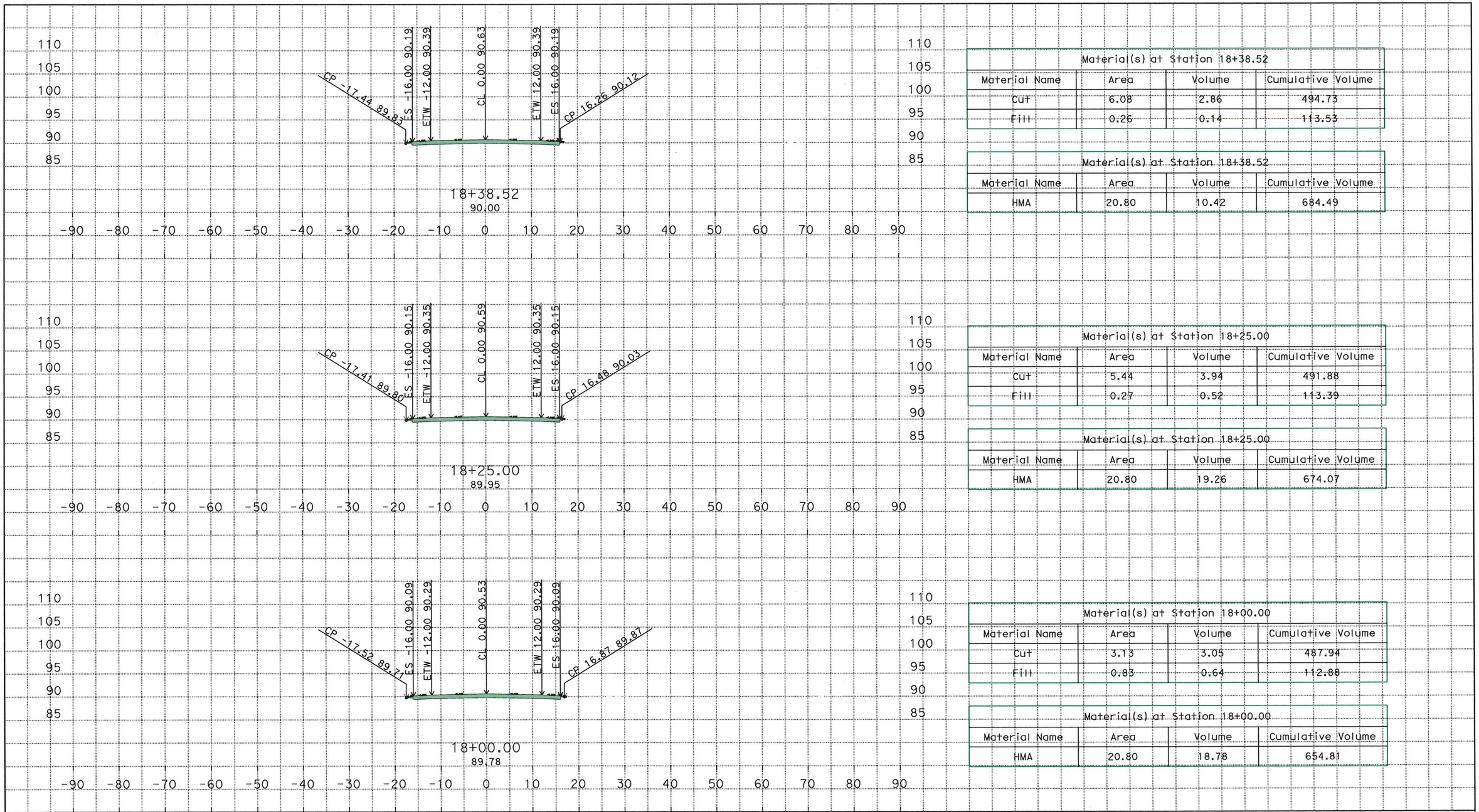
FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 18+38.52

Material Name	Area	Volume	Cumulative Volume
Cut	6.08	2.86	494.73
Fill	0.26	0.14	113.53

Material(s) at Station 18+38.52

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	10.42	684.49

Material(s) at Station 18+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	5.44	3.94	491.88
Fill	0.27	0.52	113.39

Material(s) at Station 18+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	674.07

Material(s) at Station 18+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	3.13	3.05	487.94
Fill	0.83	0.64	112.88

Material(s) at Station 18+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	18.78	654.81

R:\Projects\1000000201\Design\C3D\XSec_Qtys
A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

PLOTTED DATE: 10-MAR-2016

SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
14 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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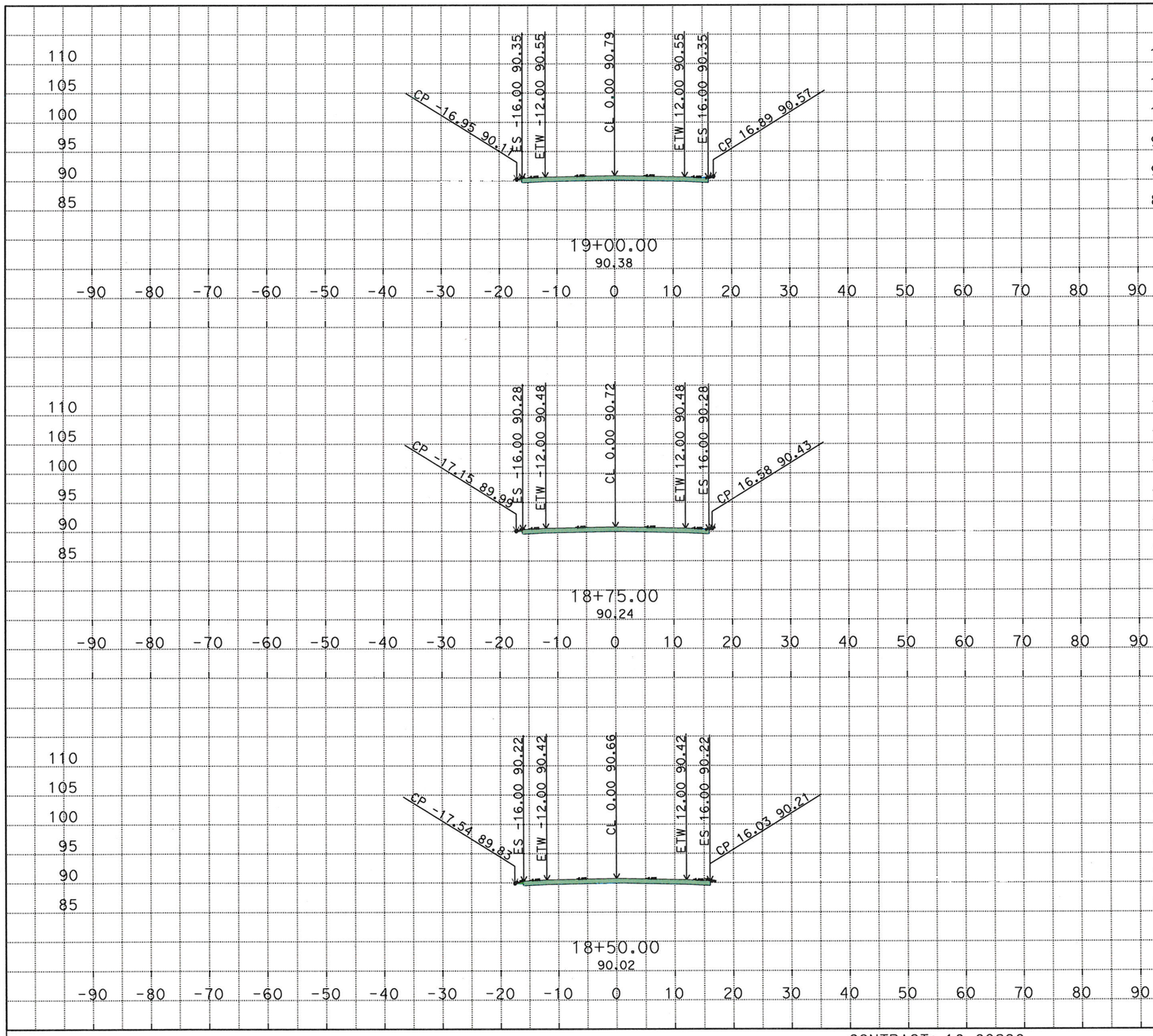

Material(s) at Station 19+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	12.89	10.93	516.03
Fill	0.11	0.12	113.99

Material(s) at Station 19+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	731.85

Material(s) at Station 18+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	10.88	7.80	505.10
Fill	0.15	0.21	113.86

Material(s) at Station 18+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	712.59

Material(s) at Station 18+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	6.13	2.57	497.30
Fill	0.29	0.12	113.65

Material(s) at Station 18+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	8.84	693.33

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

PLOTTED DATE: 10-MAR-2016

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CREATED BY: s128330

CONTRACT: 10-00290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
15 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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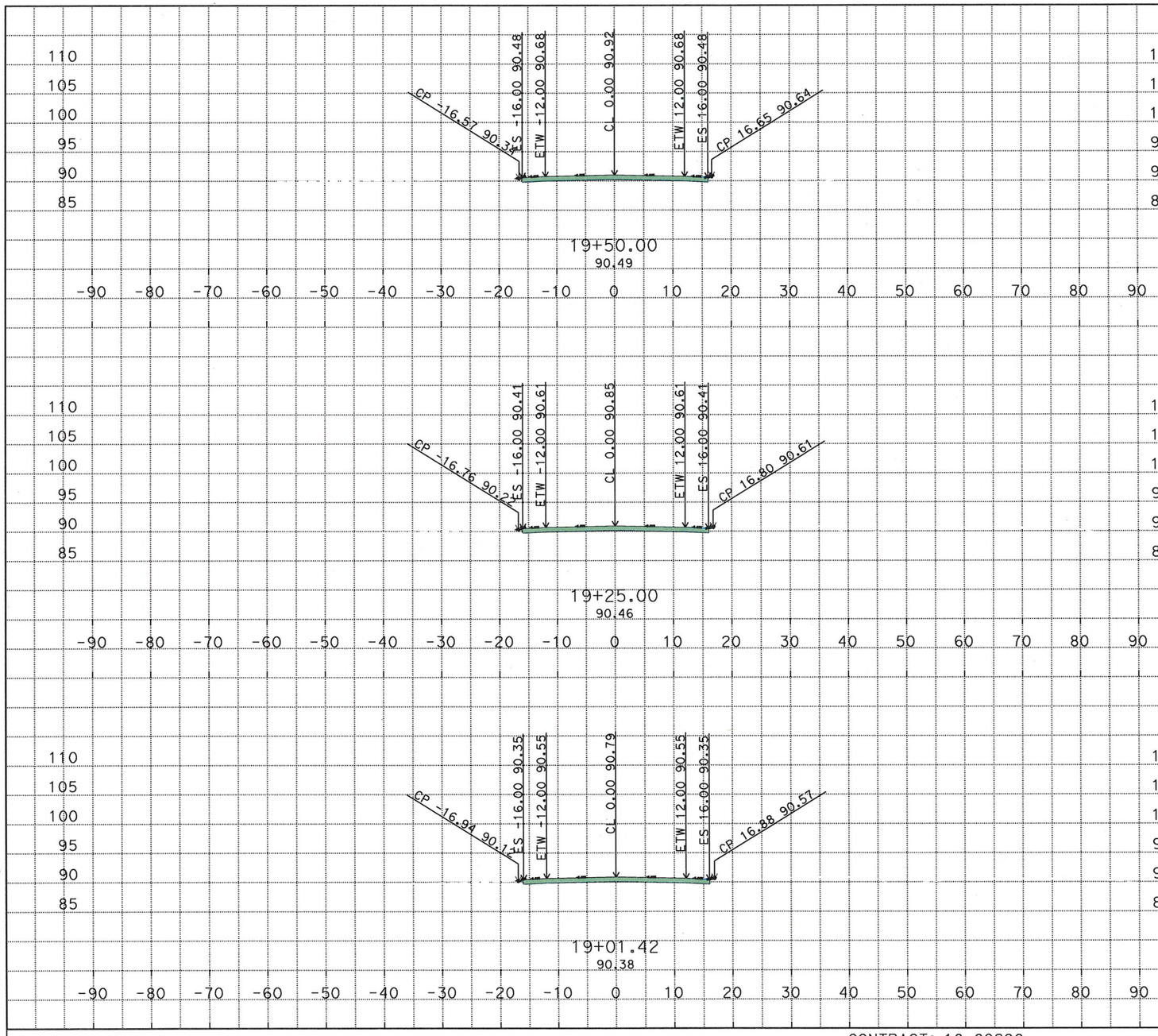

Material(s) at Station 19+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	12.96	12.23	540.45
Fill	0.04	0.05	114.11

Material(s) at Station 19+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	770.37

Material(s) at Station 19+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	13.45	11.52	528.22
Fill	0.07	0.07	114.07

Material(s) at Station 19+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	18.16	751.11

Material(s) at Station 19+01.42

Material Name	Area	Volume	Cumulative Volume
Cut	12.92	0.68	516.71
Fill	0.10	0.01	113.99

Material(s) at Station 19+01.42

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	1.10	732.95

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

PLOTTED DATE: 10-MAR-2016

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CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
16 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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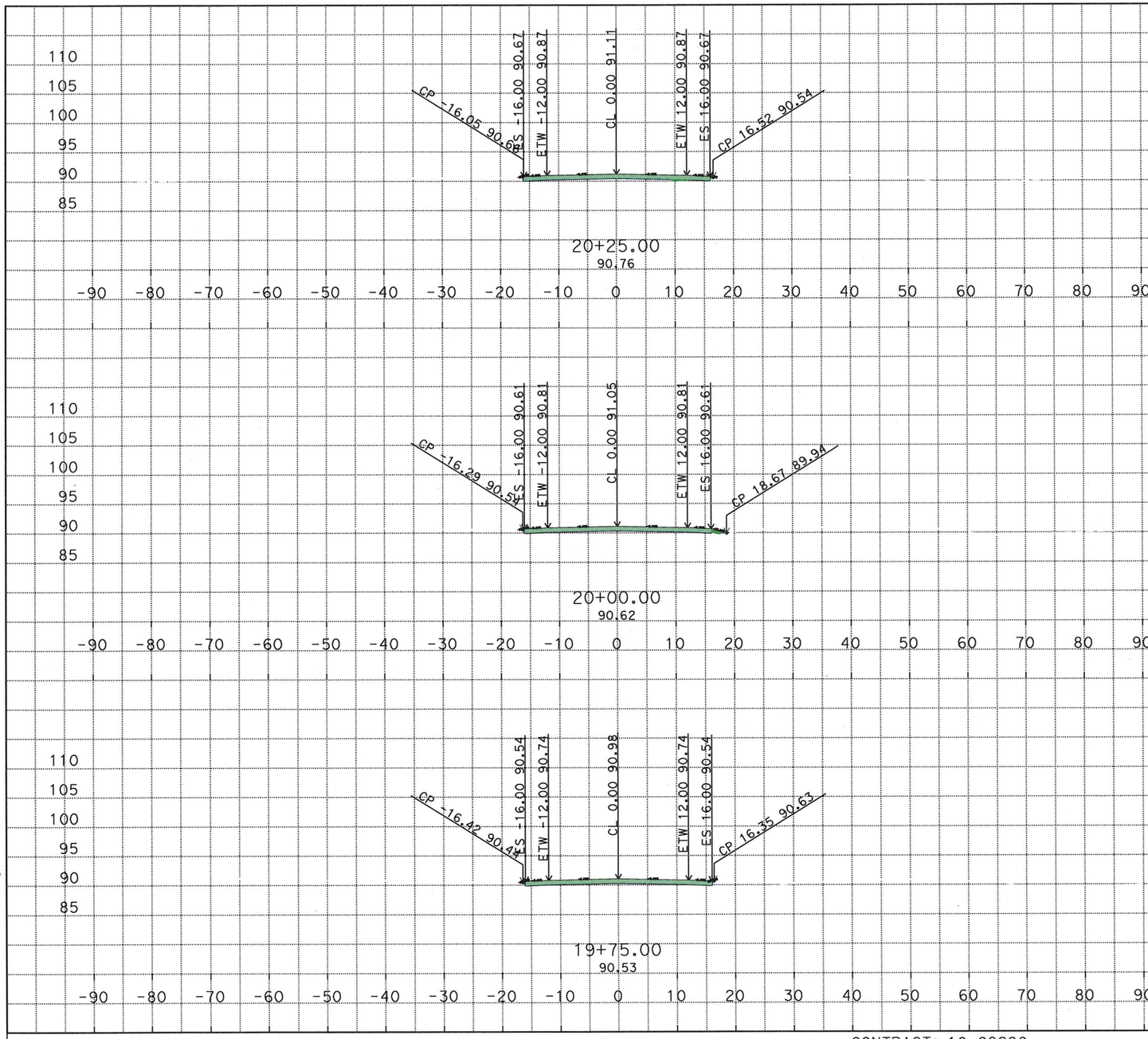

Material(s) at Station 20+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	10.64	10.53	573.57
Fill	0.78	0.82	115.44

Material(s) at Station 20+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	828.15

Material(s) at Station 20+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	12.11	11.10	563.04
Fill	1.00	0.47	114.61

Material(s) at Station 20+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	808.89

Material(s) at Station 19+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	11.86	11.49	551.94
Fill	0.02	0.03	114.14

Material(s) at Station 19+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	789.63

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

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SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-00290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
17 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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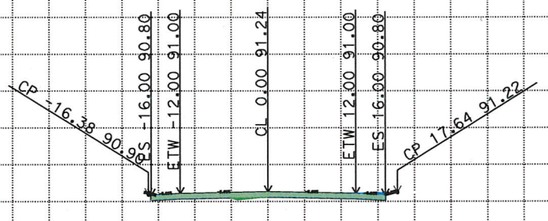
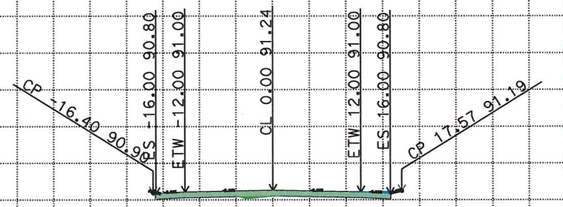


20+75.00
90.58

Material(s) at Station 20+75.00			
Material Name	Area	Volume	Cumulative Volume
Cut	14.87	1.15	596.85
Fill	0.94	0.08	117.31

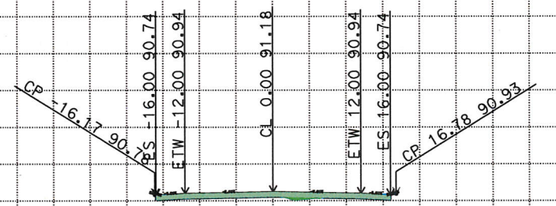
Material(s) at Station 20+75.00			
Material Name	Area	Volume	Cumulative Volume
HMA	0.00	0.00	0.00



20+72.92
90.51

Material(s) at Station 20+72.92			
Material Name	Area	Volume	Cumulative Volume
Cut	14.75	11.49	595.70
Fill	1.03	0.92	117.24

Material(s) at Station 20+72.92			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	17.66	865.06



20+50.00
90.90

Material(s) at Station 20+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	12.33	10.64	584.21
Fill	1.13	0.88	116.32

Material(s) at Station 20+50.00			
Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	847.41

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM

PLOTTED DATE: 10-MAR-2016

SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
18 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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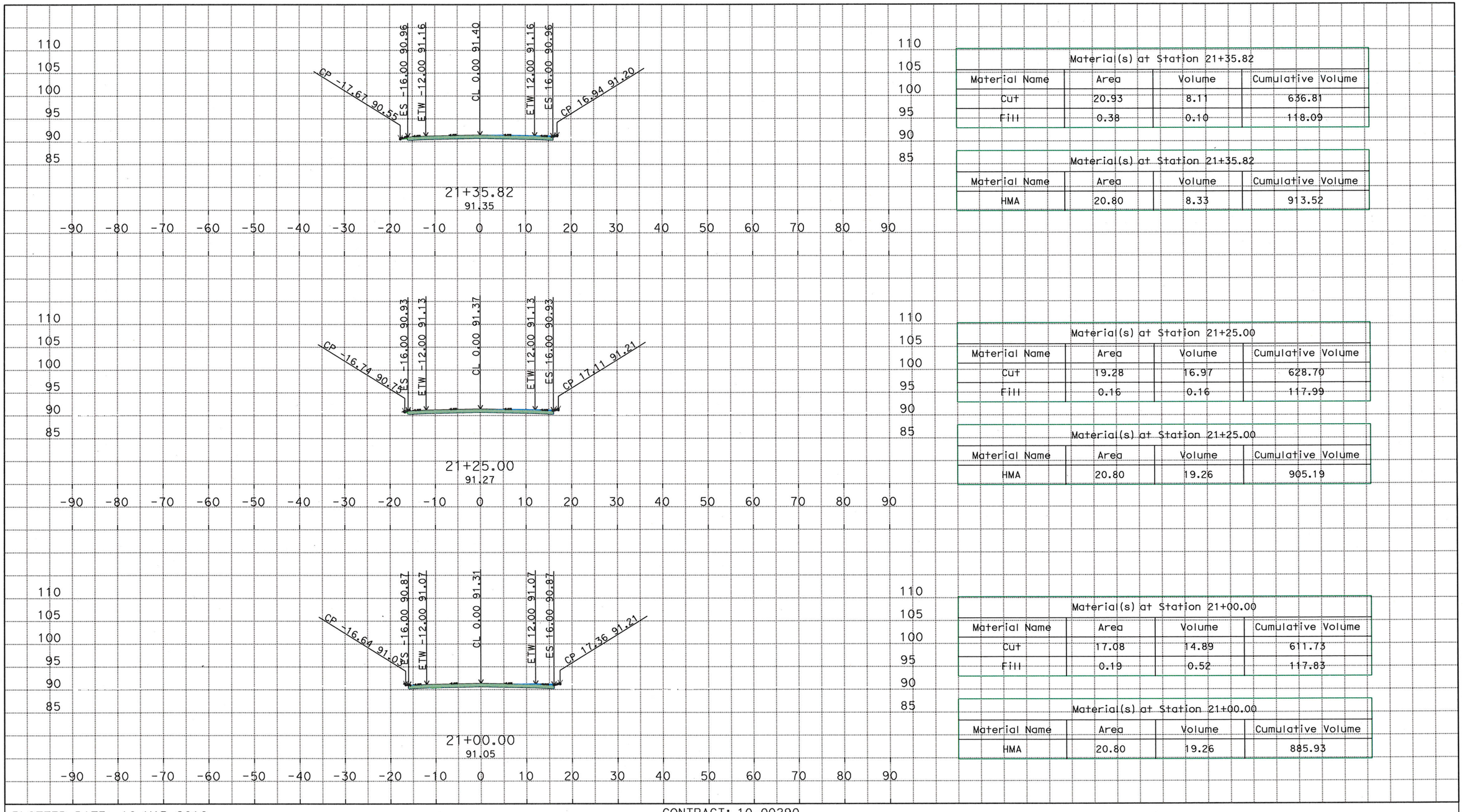

Material(s) at Station 21+35.82

Material Name	Area	Volume	Cumulative Volume
Cut	20.93	8.11	636.81
Fill	0.38	0.10	118.09

Material(s) at Station 21+35.82

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	8.33	913.52

Material(s) at Station 21+25.00

Material Name	Area	Volume	Cumulative Volume
Cut	19.28	16.97	628.70
Fill	0.16	0.16	117.99

Material(s) at Station 21+25.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	905.19

Material(s) at Station 21+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	17.08	14.89	611.73
Fill	0.19	0.52	117.83

Material(s) at Station 21+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	885.93

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PLOTTED DATE: 10-MAR-2016

SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
19 OF 21

FOR EARTHWORK DEVELOPMENT ONLY

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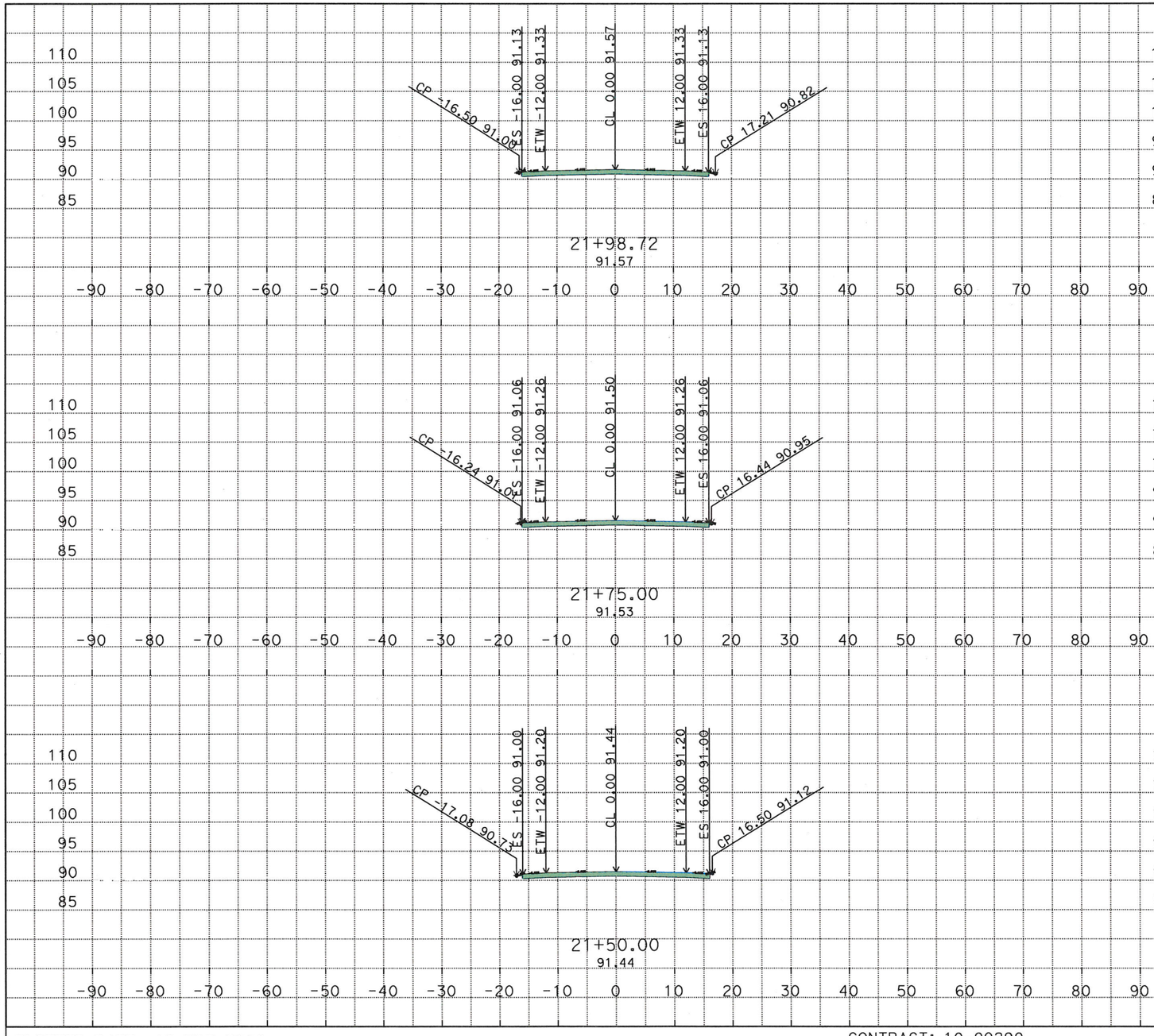

Material(s) at Station 21+98.72

Material Name	Area	Volume	Cumulative Volume
Cut	19.44	17.92	686.36
Fill	0.12	0.06	118.32

Material(s) at Station 21+98.72

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	18.27	961.97

Material(s) at Station 21+75.00

Material Name	Area	Volume	Cumulative Volume
Cut	21.34	20.23	668.44
Fill	0.02	0.05	118.26

Material(s) at Station 21+75.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	19.26	943.70

Material(s) at Station 21+50.00

Material Name	Area	Volume	Cumulative Volume
Cut	22.27	11.40	648.21
Fill	0.09	0.12	118.21

Material(s) at Station 21+50.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	10.93	924.44

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1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
20 OF 21

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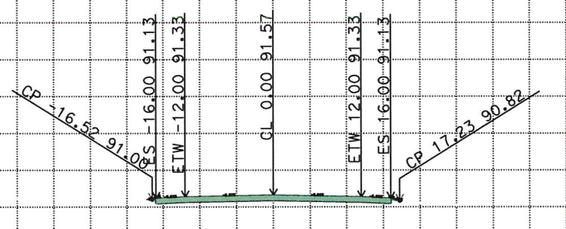

110 105 100 95 90 85

22+00.00
91.57

-90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90

Material(s) at Station 22+00.00

Material Name	Area	Volume	Cumulative Volume
Cut	19.34	0.92	687.29
Fill	0.12	0.01	118.33

Material(s) at Station 22+00.00

Material Name	Area	Volume	Cumulative Volume
HMA	20.80	0.99	962.96

PLOTTED DATE: 10-MAR-2016

SCALE: 1"=10' Horiz.
1"=10' Vert.

CREATED BY: s128330

CONTRACT: 10-0Q290

DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A3"
CROSS SECTIONS
21 OF 21

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A3_XSec_TEMP_X_C3D_DWG.dwg - 10-Mar-16 11:18 AM