FOR EARTHWORK DEVELOPMENT ONLY

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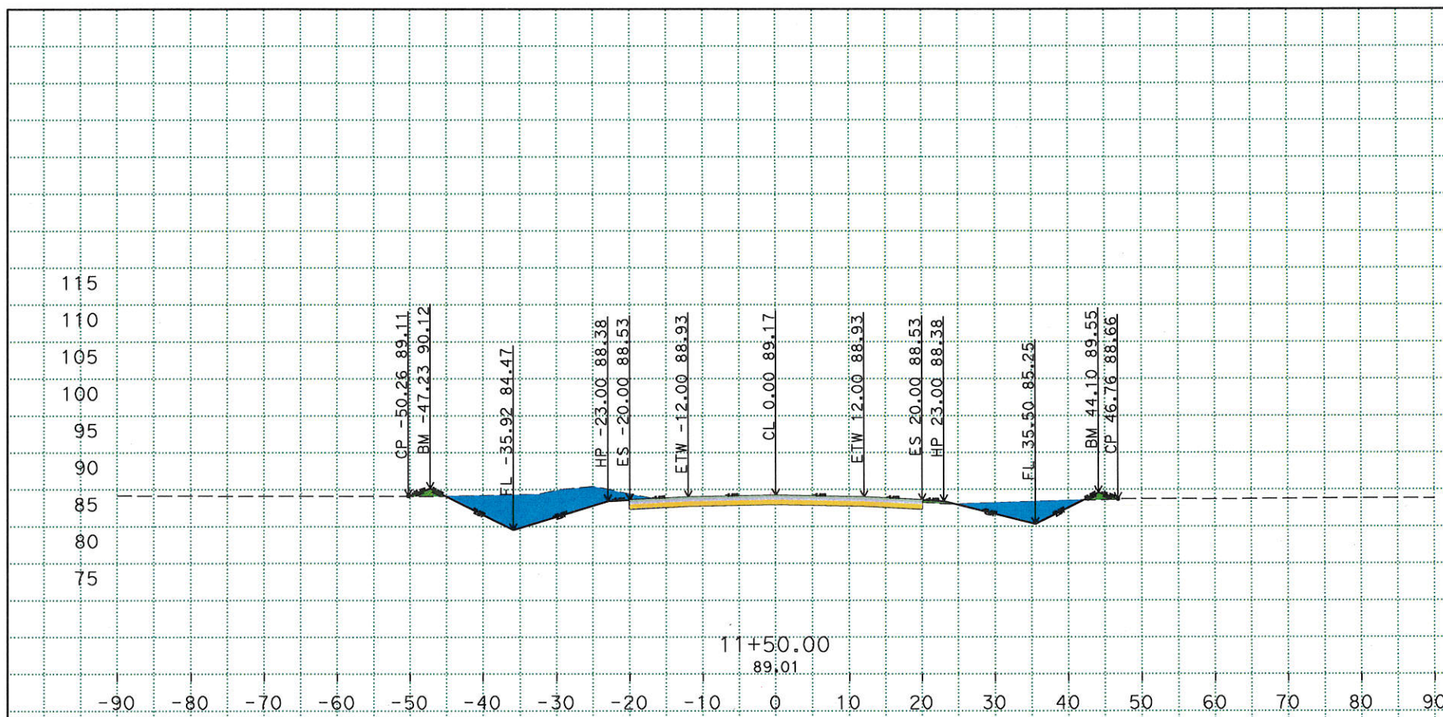
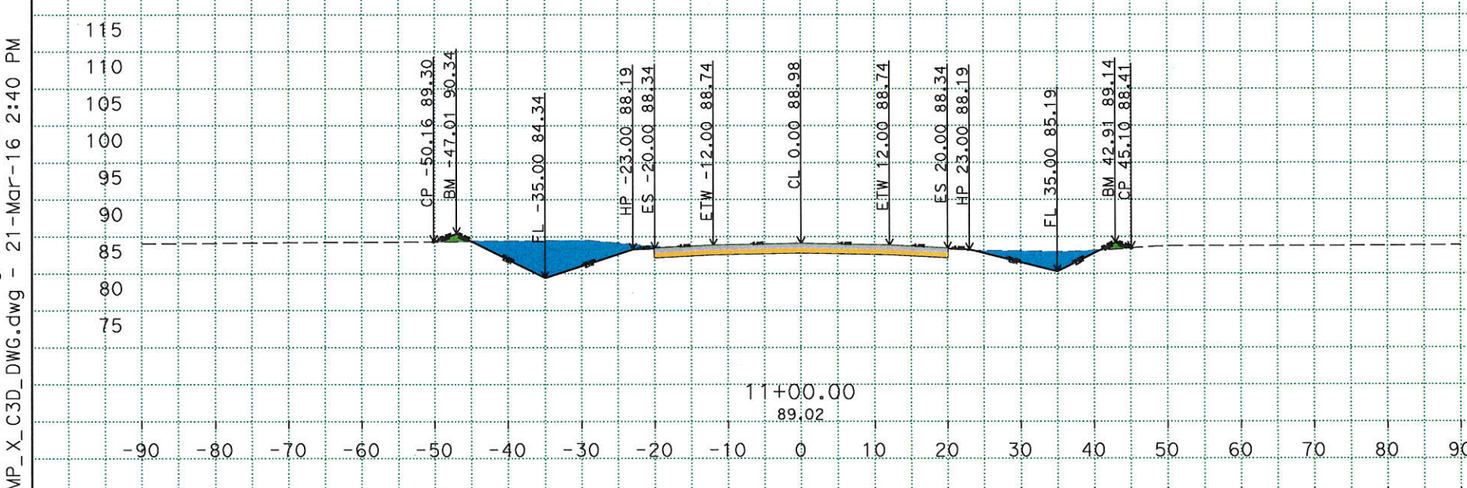


Material(s) at Station 11+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	138.77	254.23	254.23
Fill	5.80	9.70	9.70

Material(s) at Station 11+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	14.81
HMA	14.00	25.93	25.93
CL2AB	26.00	48.15	48.15



Material(s) at Station 11+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	135.81	0.00	0.00
Fill	4.67	0.00	0.00

Material(s) at Station 11+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	0.00	0.00
HMA	14.00	0.00	0.00
CL2AB	26.00	0.00	0.00

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A1_XSec_TEMP_X_C3D_DWG.dwg - 21-Mar-16 2:40 PM

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

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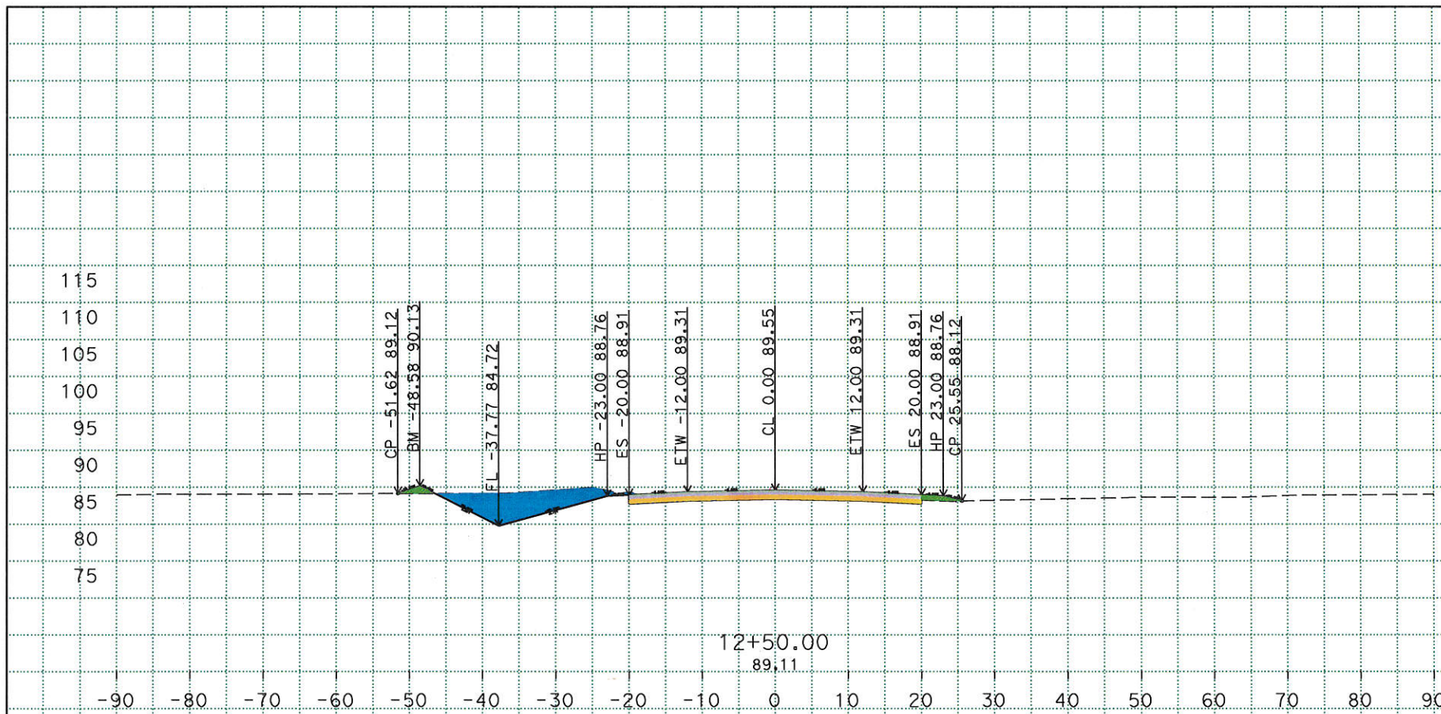
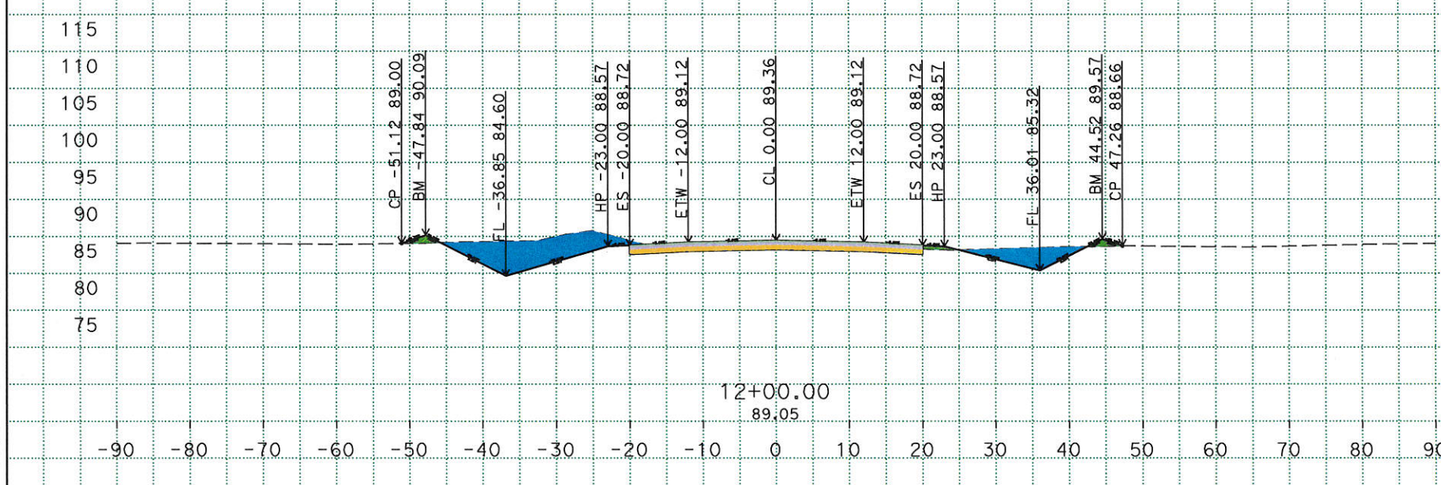


Material(s) at Station 12+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	90.81	206.73	712.09
Fill	7.66	13.35	34.68

Material(s) at Station 12+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	44.44
HMA	14.00	25.93	77.78
CL2AB	26.00	48.15	144.44



Material(s) at Station 12+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	132.45	251.13	505.36
Fill	6.76	11.63	21.33

Material(s) at Station 12+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	29.63
HMA	14.00	25.93	51.85
CL2AB	26.00	48.15	96.30

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A1_XSec_TEMP_X_C3D_DWG.dwg - 21-Mar-16 2:40 PM

PLOTTED DATE: 23-MAR-2016

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CONTRACT: 10-00290
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PROJECT ID: 1000000201

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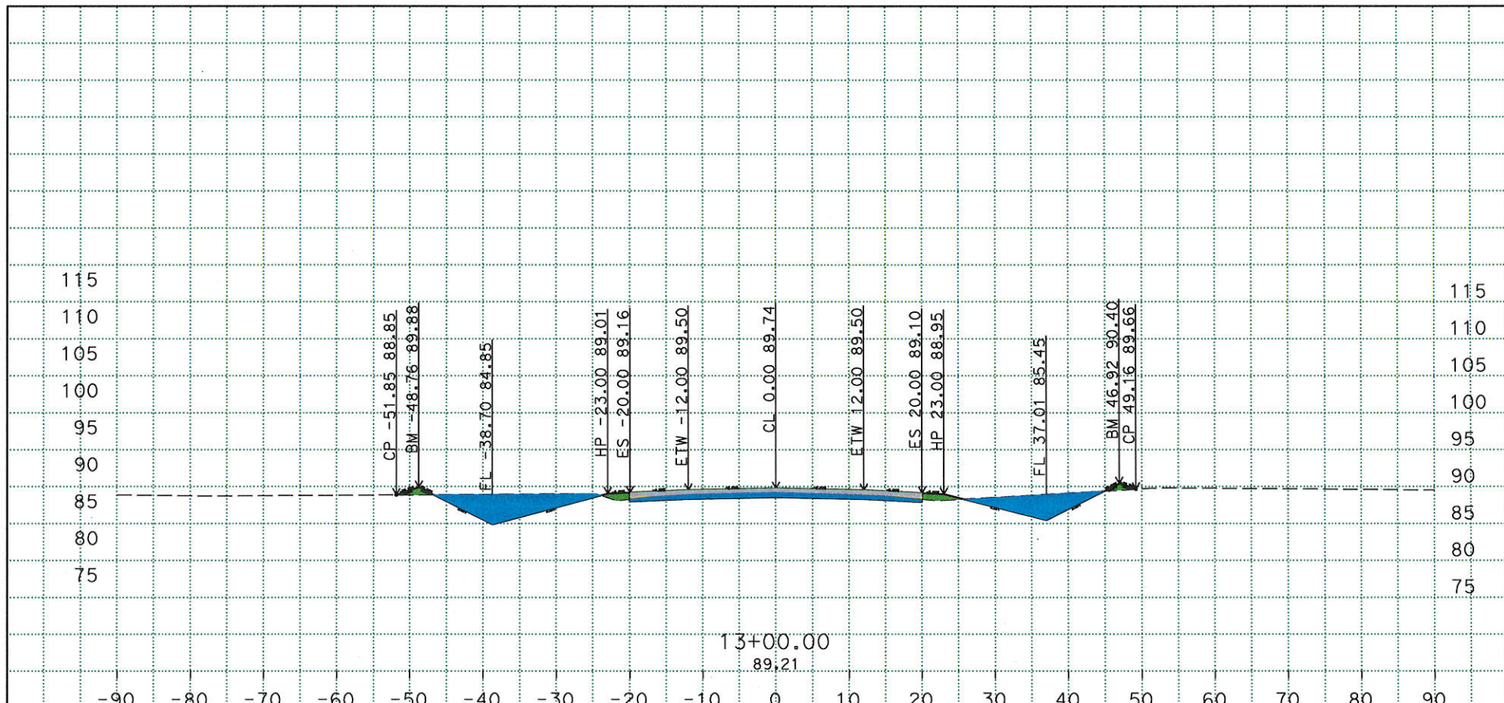
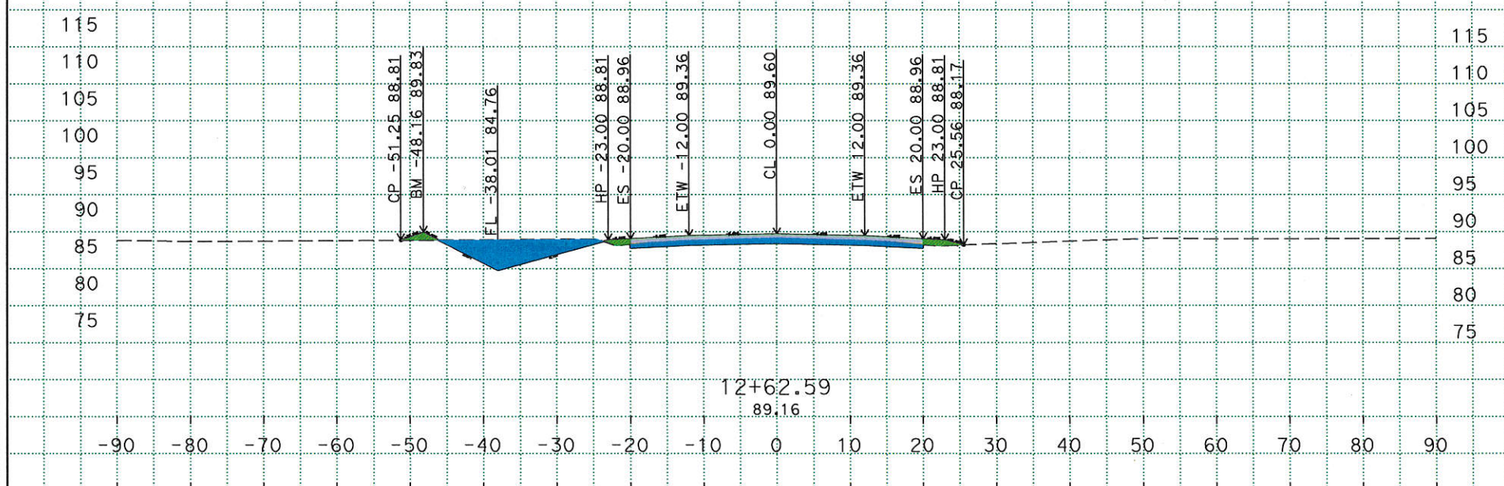


Material(s) at Station 13+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	113.66	132.45	883.79
Fill	10.77	13.27	51.68

Material(s) at Station 13+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	11.08	59.26
HMA	14.00	19.40	103.70
CL2AB	26.00	36.02	192.59



Material(s) at Station 12+62.59			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	77.53	39.25	751.33
Fill	8.38	3.74	38.42

Material(s) at Station 12+62.59			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	3.73	48.17
HMA	14.00	6.53	84.31
CL2AB	26.00	12.12	156.57

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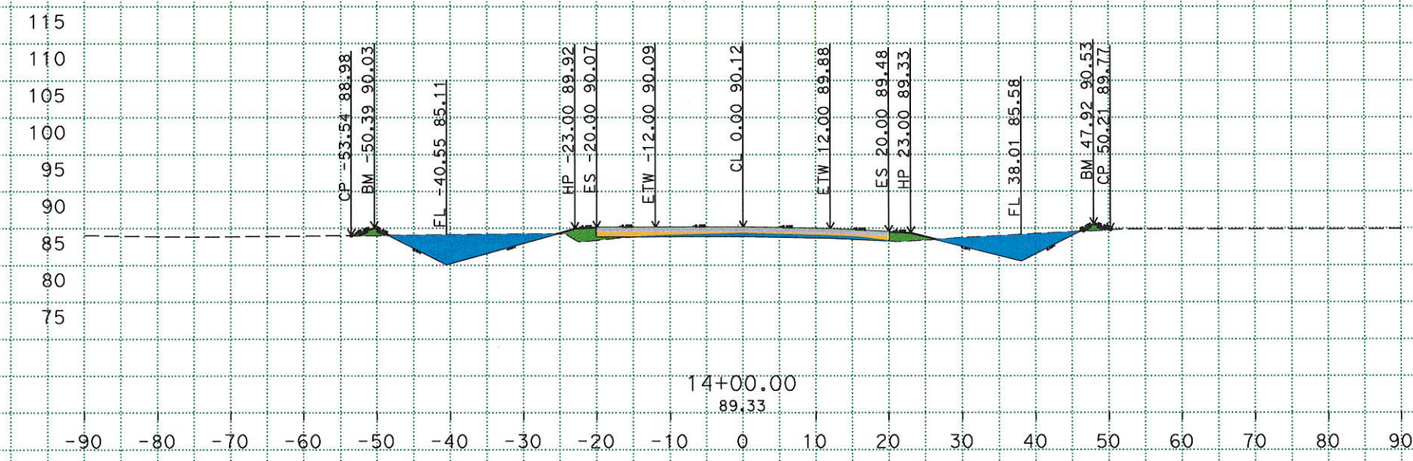
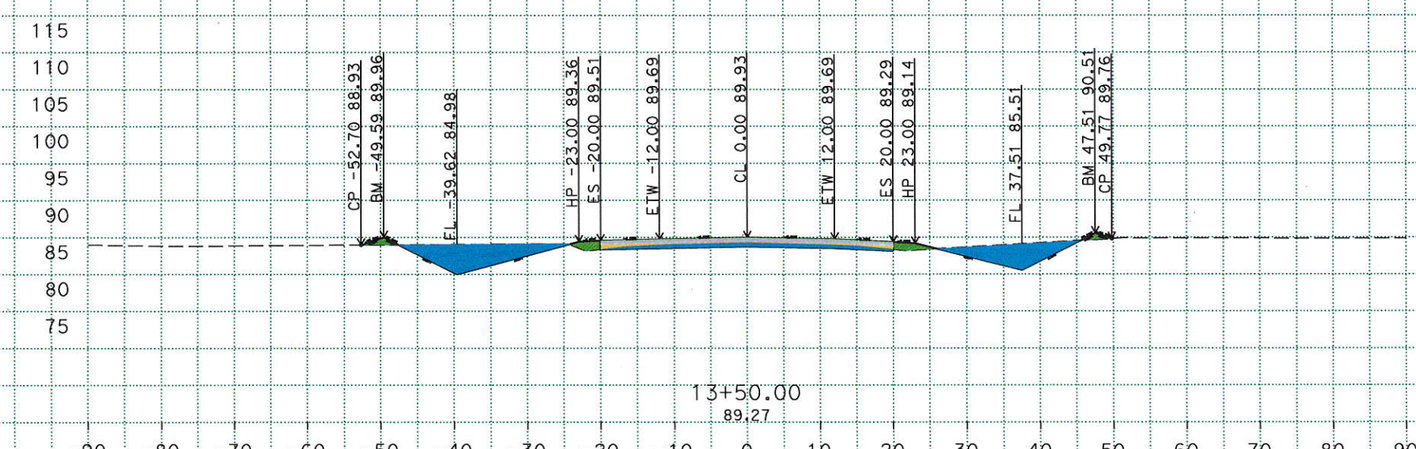


Material(s) at Station 14+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	97.77	191.15	1280.81
Fill	17.56	28.18	101.76

Material(s) at Station 14+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	88.89
HMA	14.00	25.93	155.56
CL2AB	26.00	48.15	288.89



Material(s) at Station 13+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	108.68	205.87	1089.66
Fill	12.88	21.90	73.58

Material(s) at Station 13+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	74.07
HMA	14.00	25.93	129.63
CL2AB	26.00	48.15	240.74

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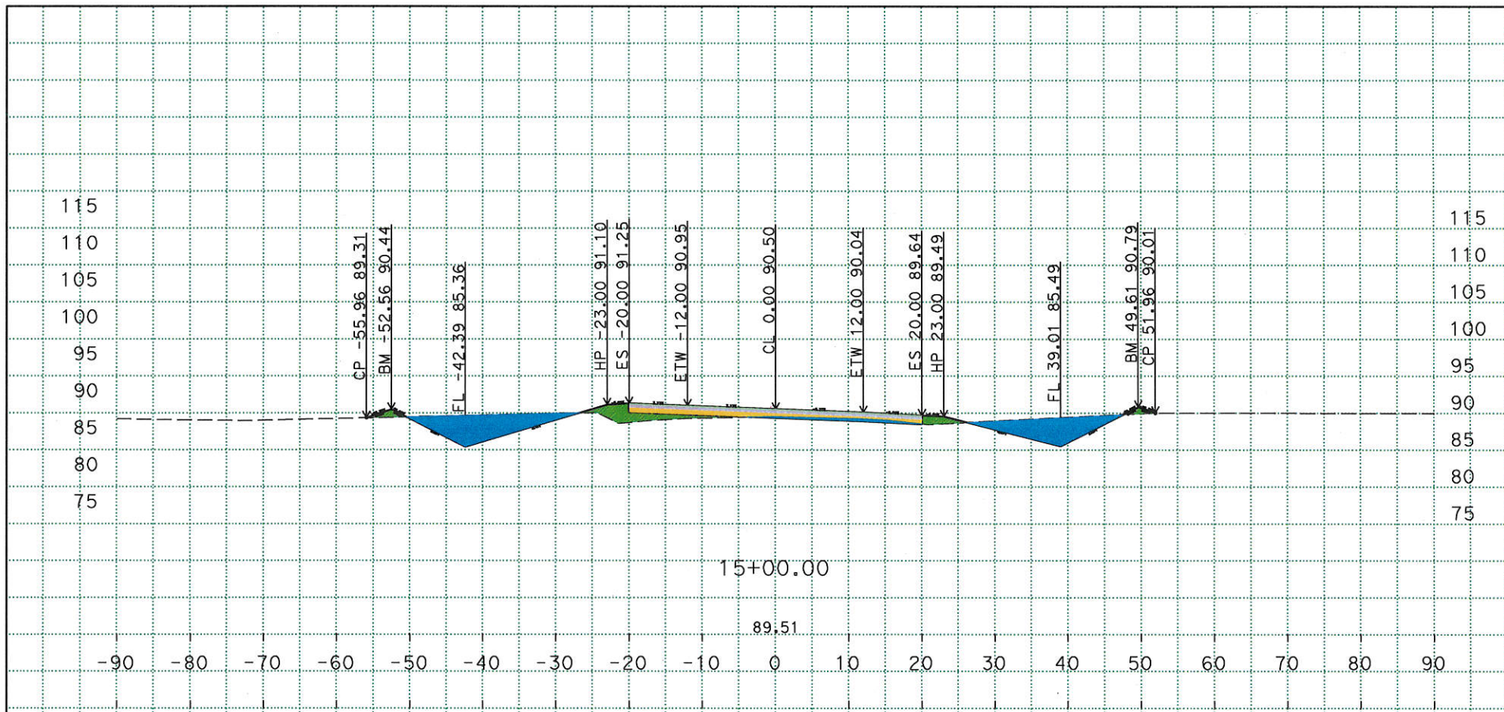
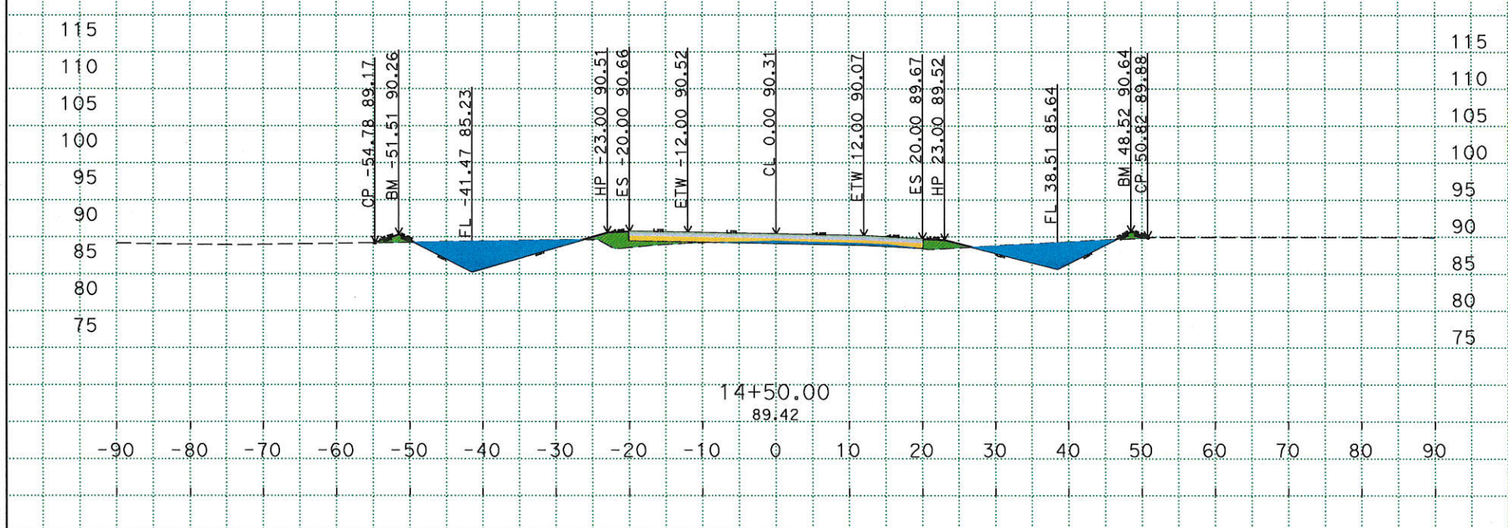


Material(s) at Station 15+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	101.05	182.20	1642.17
Fill	27.76	47.03	186.38

Material(s) at Station 15+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	118.52
HMA	14.00	25.93	207.41
CL2AB	26.00	48.15	385.18



Material(s) at Station 14+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	95.73	179.16	1459.97
Fill	23.04	37.59	139.35

Material(s) at Station 14+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.81	103.70
HMA	14.00	25.93	181.48
CL2AB	26.00	48.15	337.04

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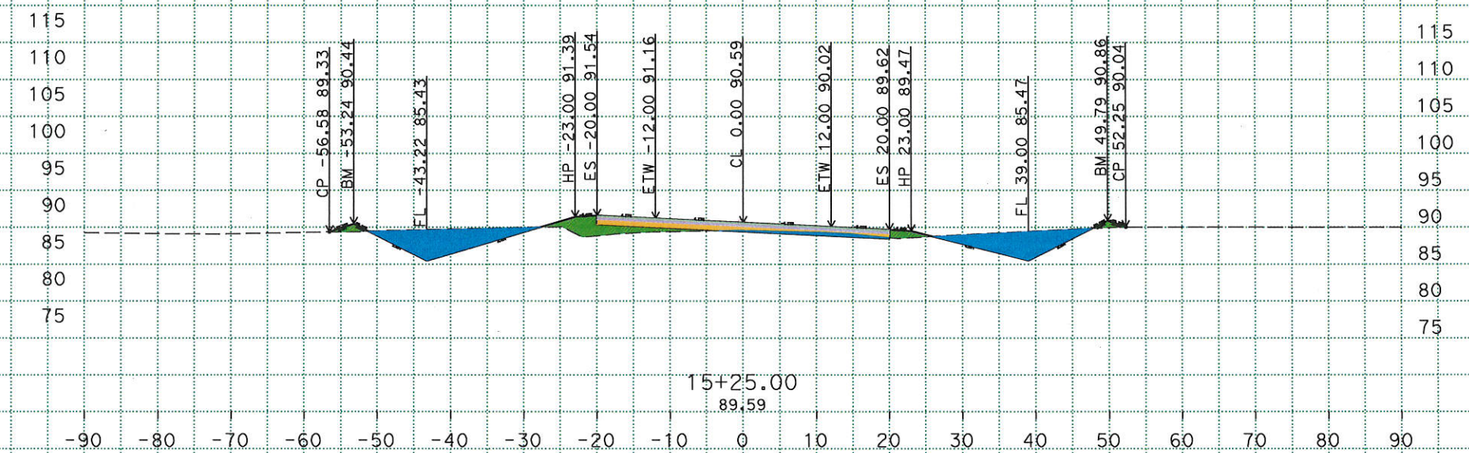
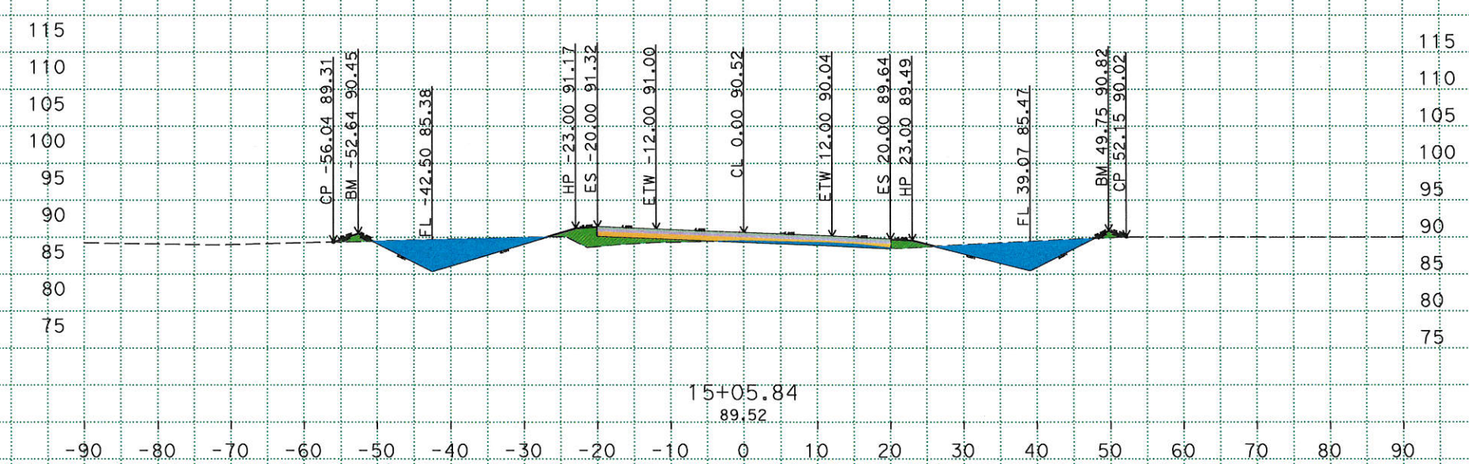


Material(s) at Station 15+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	101.95	72.45	1736.53
Fill	31.04	21.54	214.00

Material(s) at Station 15+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	5.68	125.93
HMA	14.00	9.93	220.37
CL2AB	26.00	18.45	409.26



Material(s) at Station 15+05.84			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	101.48	21.90	1664.08
Fill	28.42	6.08	192.46

Material(s) at Station 15+05.84			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	1.73	120.25
HMA	14.00	3.03	210.44
CL2AB	26.00	5.62	390.81

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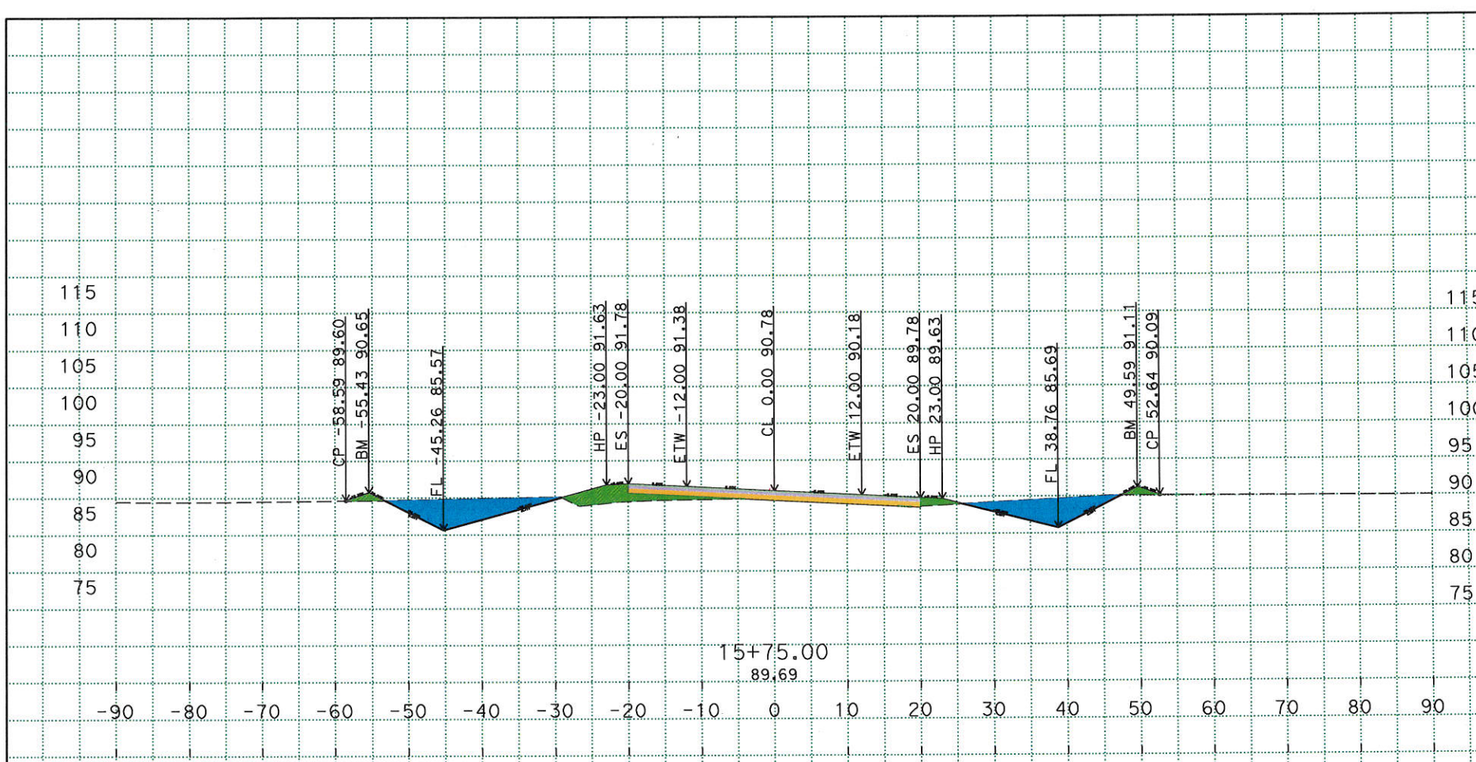
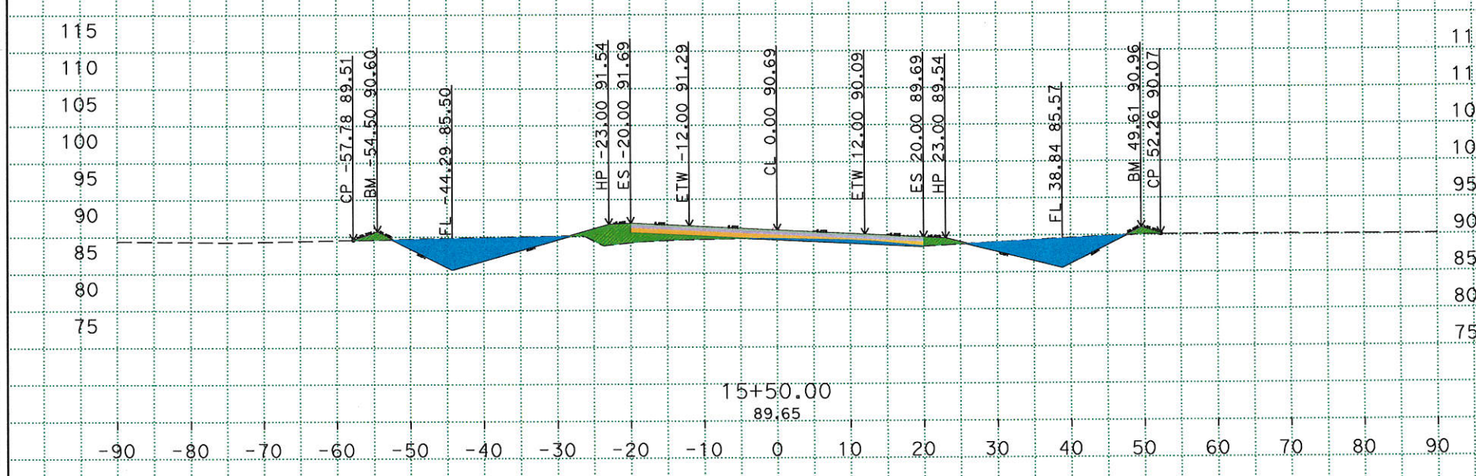


Material(s) at Station 15+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	99.44	94.05	1925.48
Fill	34.79	32.02	276.28

Material(s) at Station 15+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	140.74
HMA	14.00	12.96	246.30
CL2AB	26.00	24.07	457.41



Material(s) at Station 15+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	102.01	94.90	1831.43
Fill	32.88	30.27	244.26

Material(s) at Station 15+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	133.33
HMA	14.00	12.96	233.33
CL2AB	26.00	24.07	433.33

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CREATED BY: s128330

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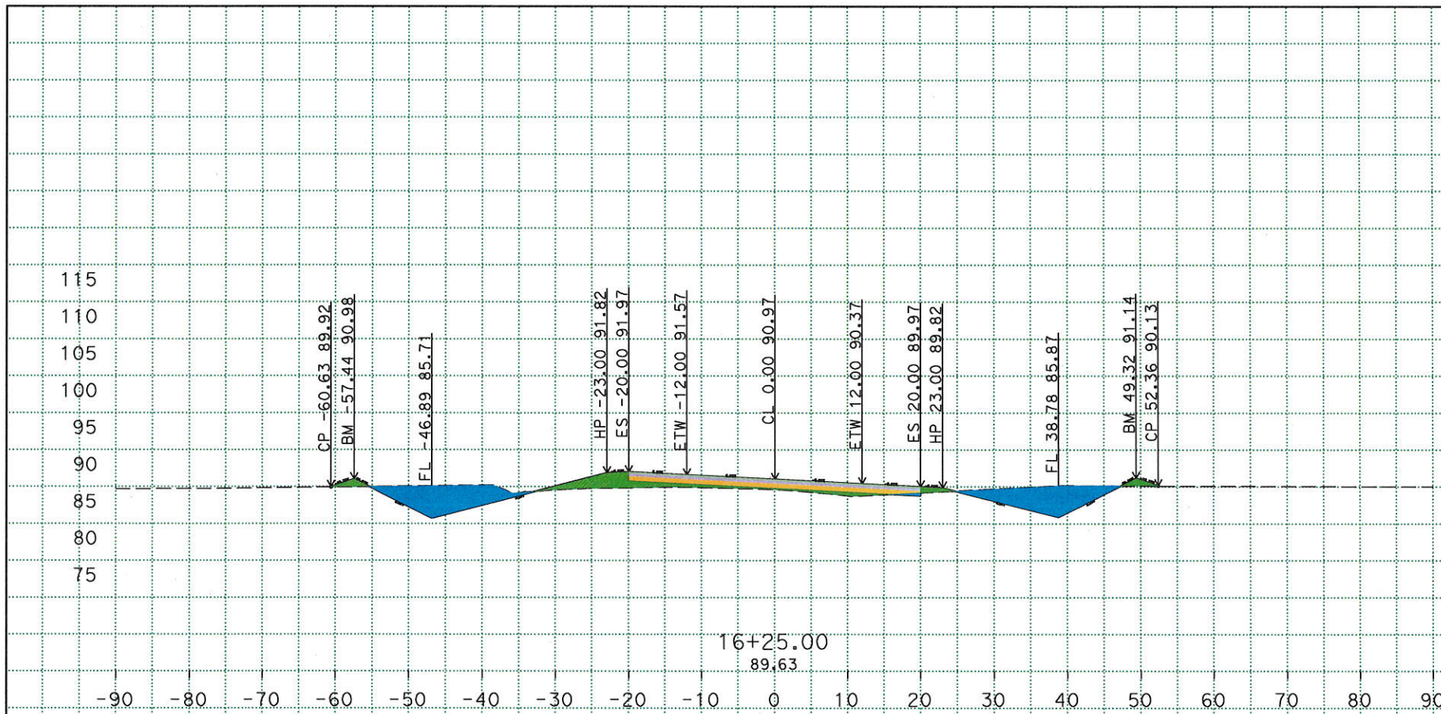
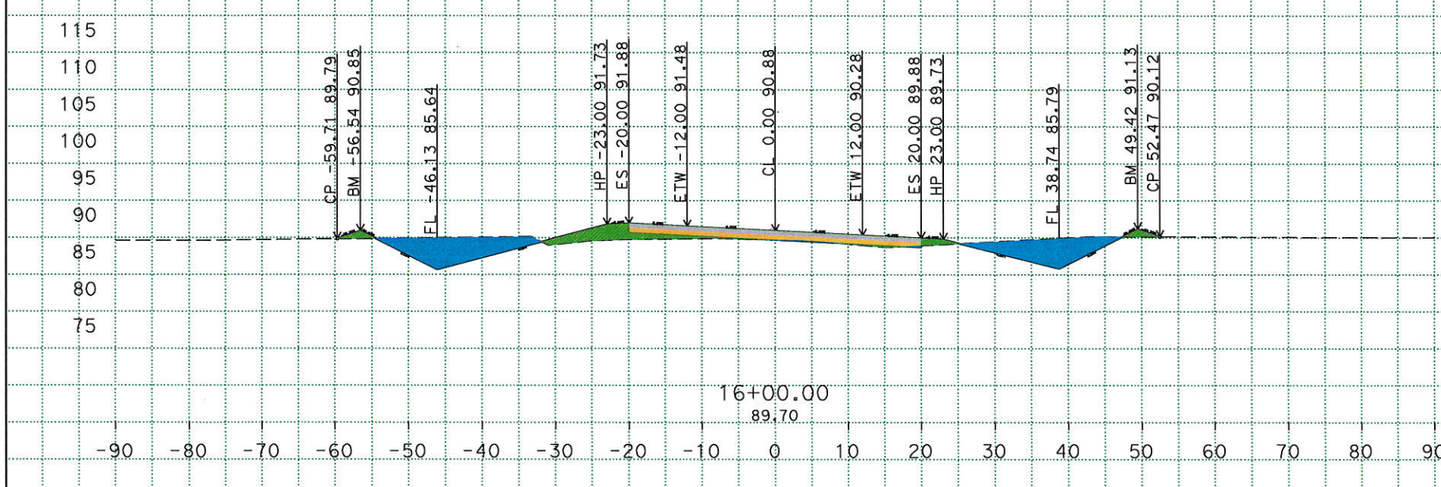


Material(s) at Station 16+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	100.56	93.80	2112.61
Fill	38.13	34.67	344.24

Material(s) at Station 16+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	155.56
HMA	14.00	12.96	272.22
CL2AB	26.00	24.07	505.55



Material(s) at Station 16+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	100.02	93.33	2018.80
Fill	35.79	33.29	309.57

Material(s) at Station 16+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	148.15
HMA	14.00	12.96	259.26
CL2AB	26.00	24.07	481.48

PLOTTED DATE: 23-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

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ALIGNMENT "A1"
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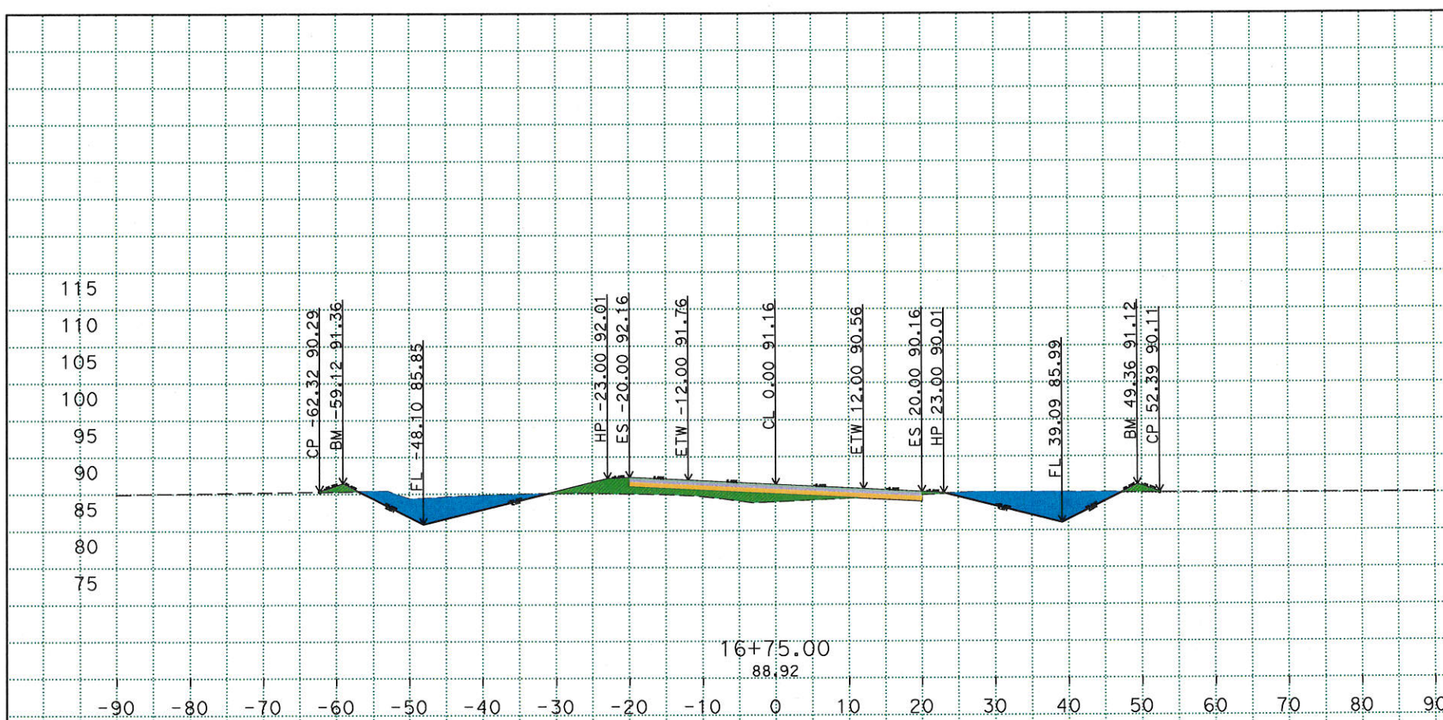
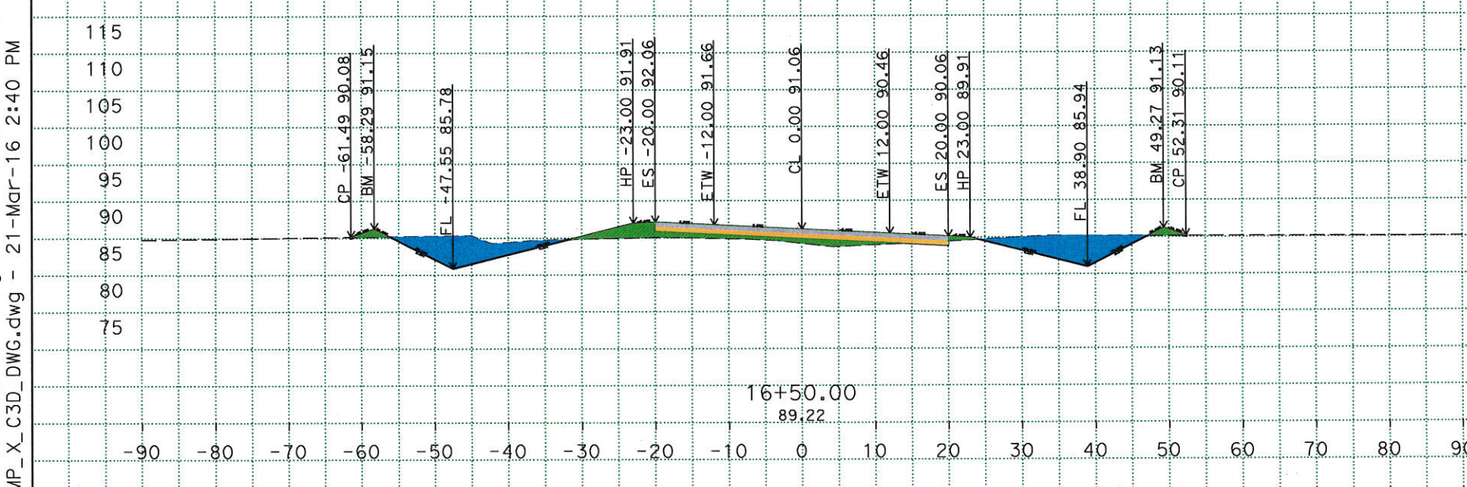


Material(s) at Station 16+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	103.53	95.83	2303.09
Fill	49.33	43.04	425.27

Material(s) at Station 16+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	170.37
HMA	14.00	12.96	298.15
CL2AB	26.00	24.07	553.70



Material(s) at Station 16+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	102.18	94.65	2207.26
Fill	43.50	37.99	382.23

Material(s) at Station 16+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	162.96
HMA	14.00	12.96	285.18
CL2AB	26.00	24.07	529.63

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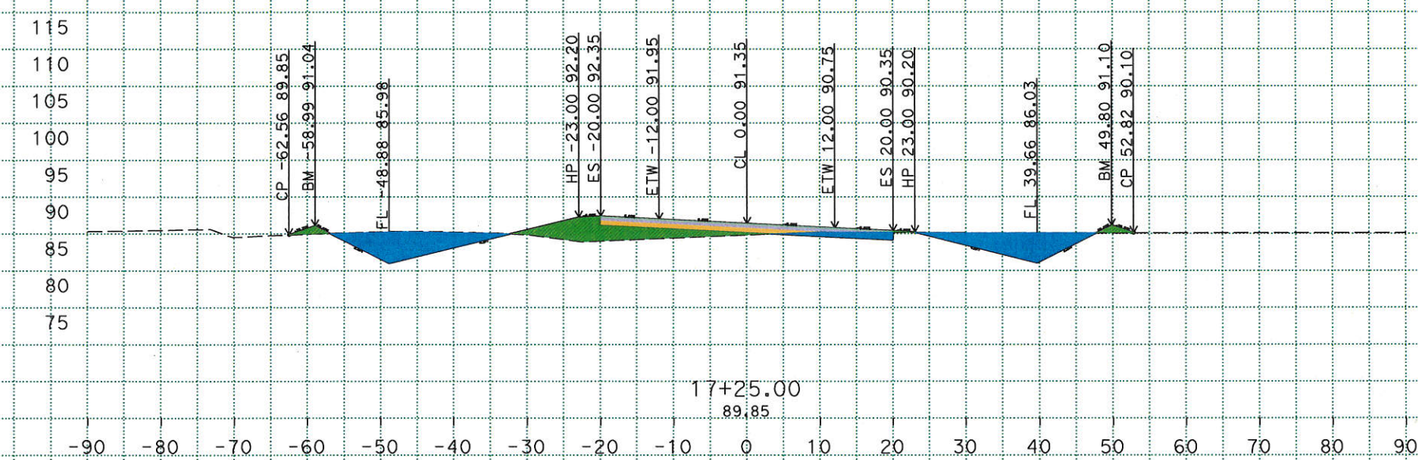
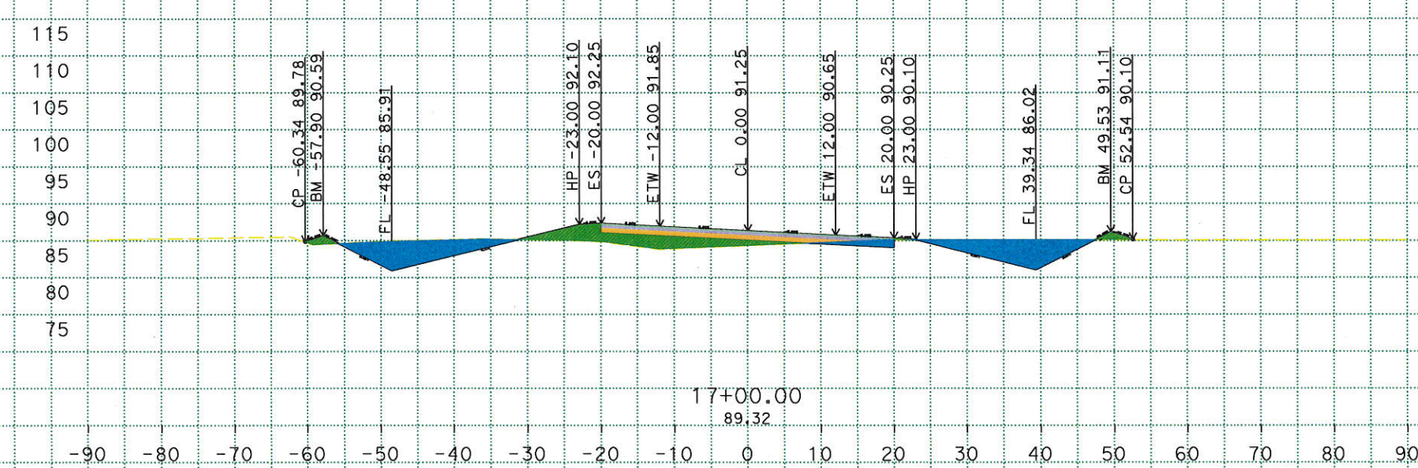


Material(s) at Station 17+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	114.13	103.60	2505.22
Fill	59.29	54.12	528.55

Material(s) at Station 17+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	185.18
HMA	14.00	12.96	324.07
CL2AB	26.00	24.07	601.85



Material(s) at Station 17+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	108.15	98.53	2401.62
Fill	56.50	49.15	474.43

Material(s) at Station 17+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	177.78
HMA	14.00	12.96	311.11
CL2AB	26.00	24.07	577.78

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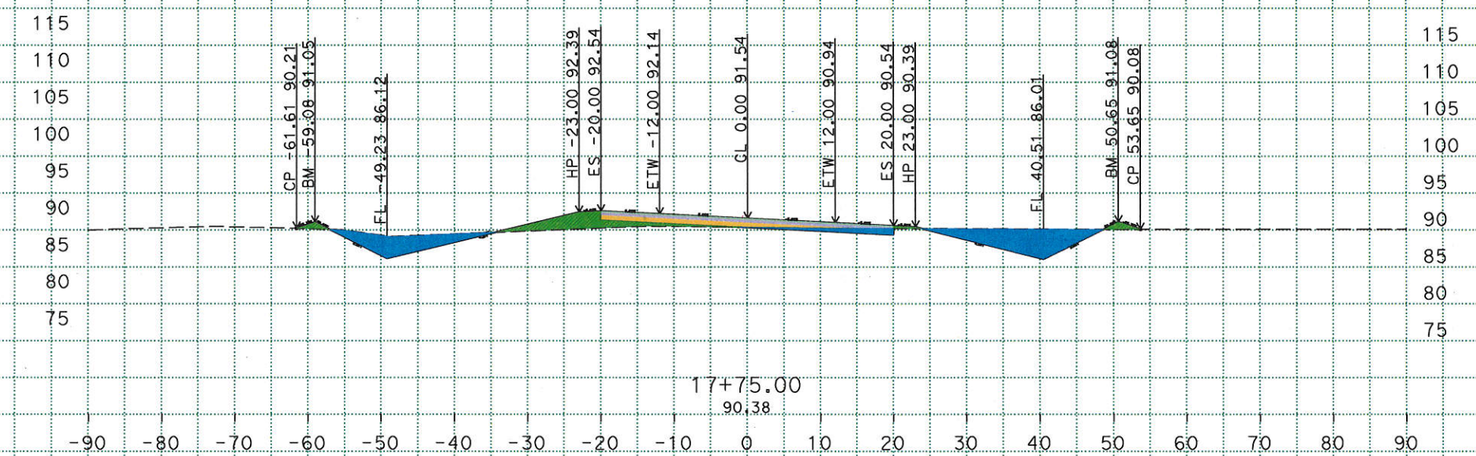
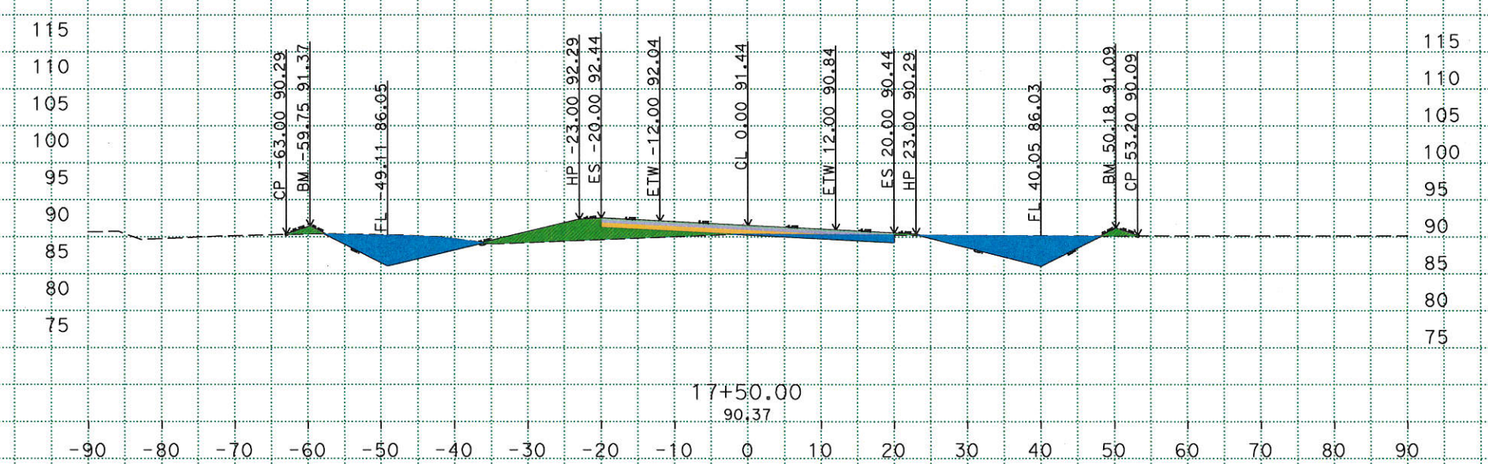


Material(s) at Station 17+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	94.59	94.45	2703.95
Fill	39.08	43.21	624.71

Material(s) at Station 17+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	200.00
HMA	14.00	12.96	350.00
CL2AB	26.00	24.07	650.00



Material(s) at Station 17+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	109.91	104.27	2609.49
Fill	53.44	52.95	581.50

Material(s) at Station 17+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	192.59
HMA	14.00	12.96	337.04
CL2AB	26.00	24.07	625.92

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A1_XSec_TEMP_X_C3D_DWG.dwg - 21-Mar-16 2:40 PM

PLOTTED DATE: 23-MAR-2016

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

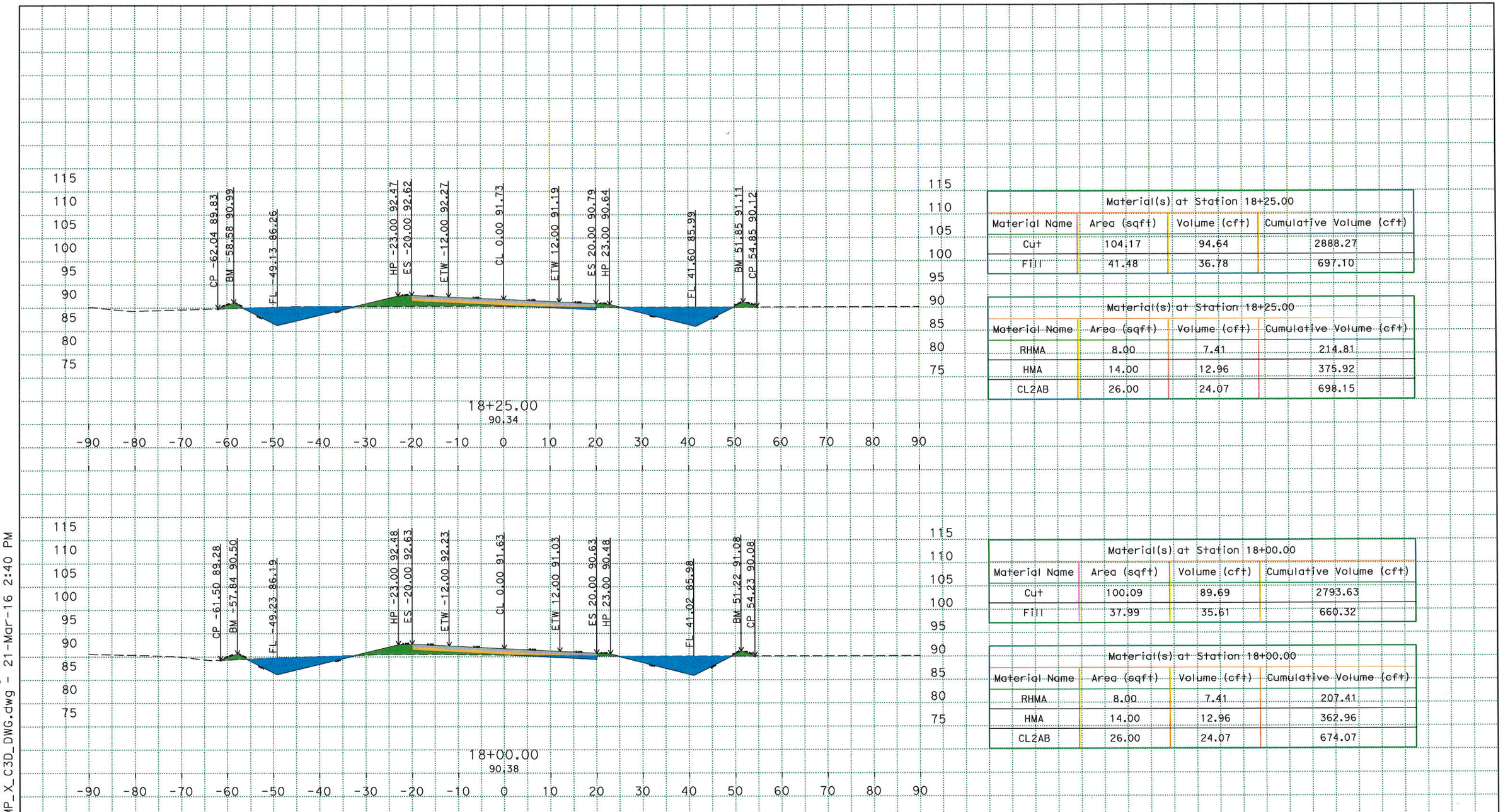
CREATED BY: s128330

CONTRACT: 10-0Q290
DIST/CO/RTE/PM: 10/MER/165/29.8/30.3
PROJECT ID: 1000000201

ALIGNMENT "A1"
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 18+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	104.17	94.64	2888.27
Fill	41.48	36.78	697.10

Material(s) at Station 18+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	214.81
HMA	14.00	12.96	375.92
CL2AB	26.00	24.07	698.15

Material(s) at Station 18+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	100.09	89.69	2793.63
Fill	37.99	35.61	660.32

Material(s) at Station 18+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	7.41	207.41
HMA	14.00	12.96	362.96
CL2AB	26.00	24.07	674.07

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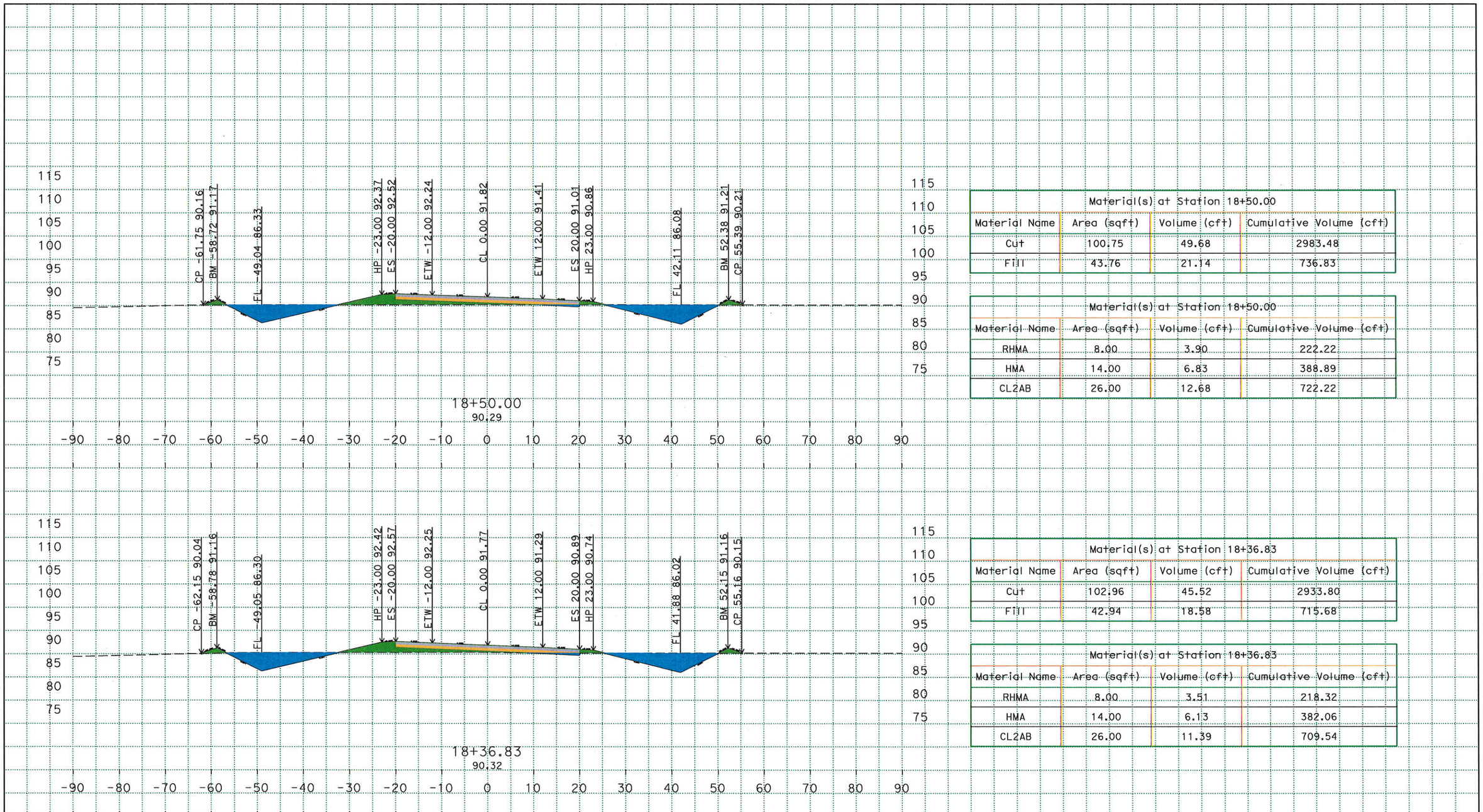

Material(s) at Station 18+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	100.75	49.68	2983.48
Fill	43.76	21.14	736.83

Material(s) at Station 18+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	3.90	222.22
HMA	14.00	6.83	388.89
CL2AB	26.00	12.68	722.22

Material(s) at Station 18+36.83			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	102.96	45.52	2933.80
Fill	42.94	18.58	715.68

Material(s) at Station 18+36.83			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	3.51	218.32
HMA	14.00	6.13	382.06
CL2AB	26.00	11.39	709.54

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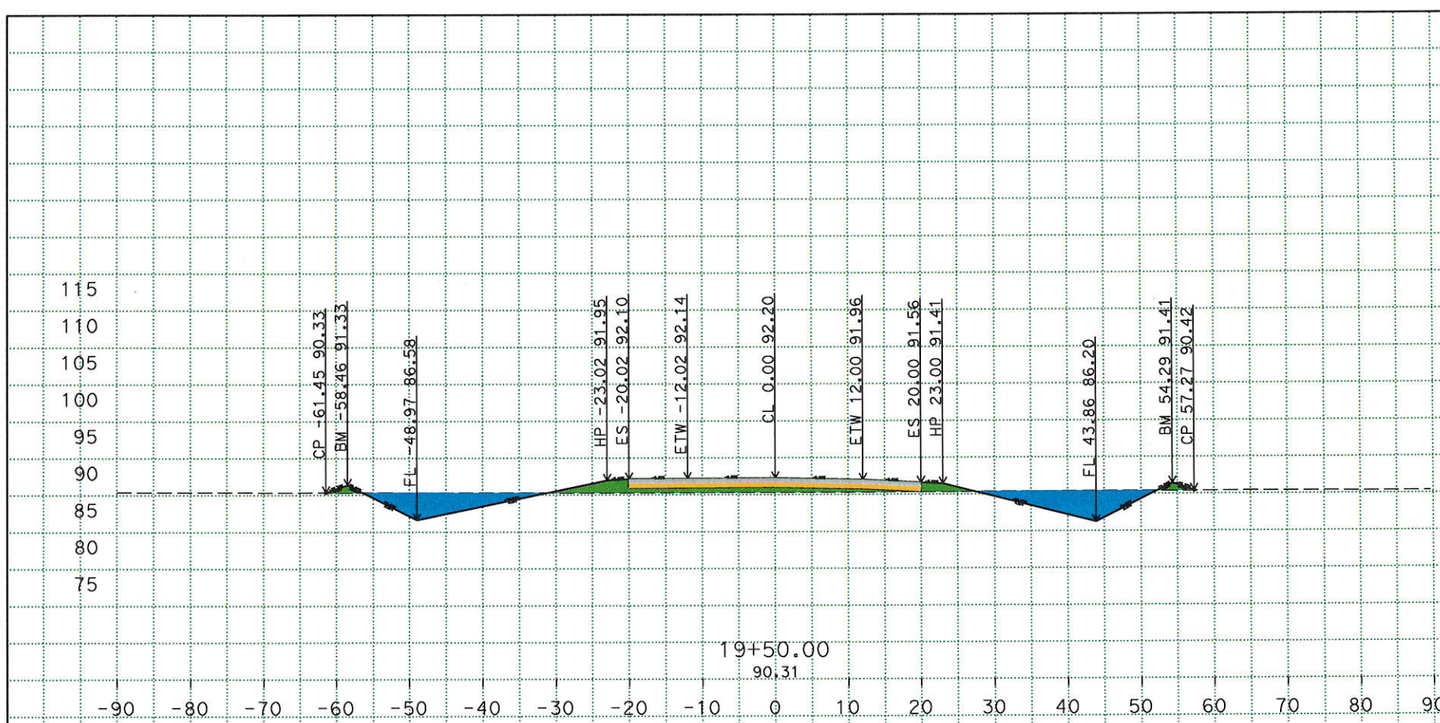
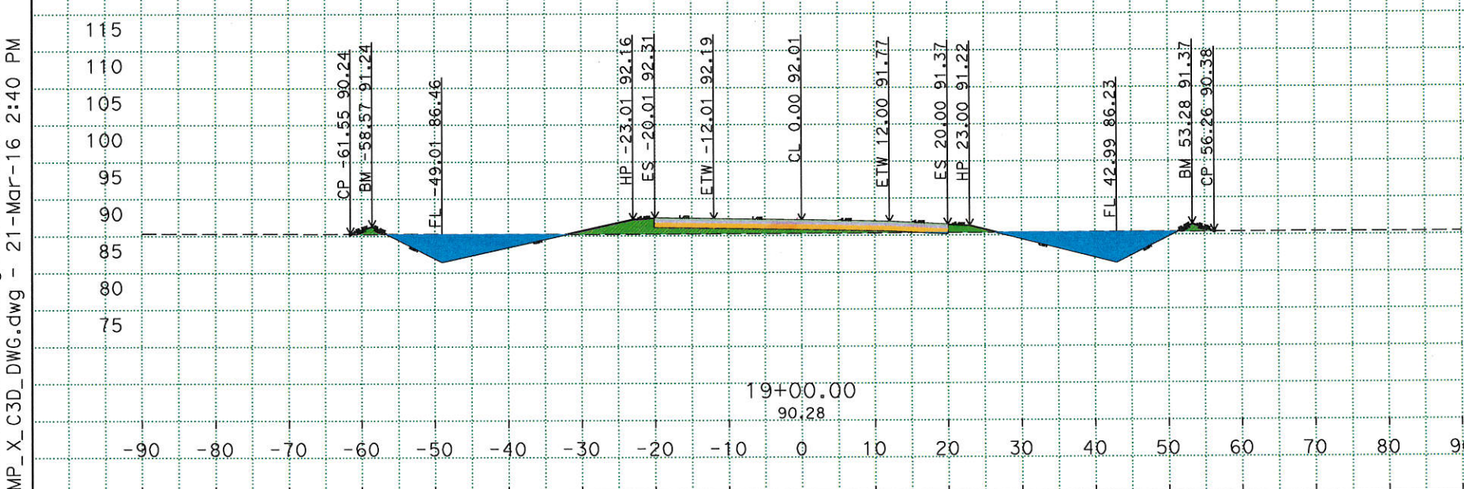


Material(s) at Station 19+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	100.03	183.79	3351.74
Fill	43.80	80.98	898.75

Material(s) at Station 19+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.82	251.86
HMA	14.01	25.93	440.75
CL2AB	26.01	48.16	818.54



Material(s) at Station 19+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	98.47	184.46	3167.94
Fill	43.66	80.94	817.76

Material(s) at Station 19+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.82	237.04
HMA	14.00	25.93	414.82
CL2AB	26.01	48.15	770.38

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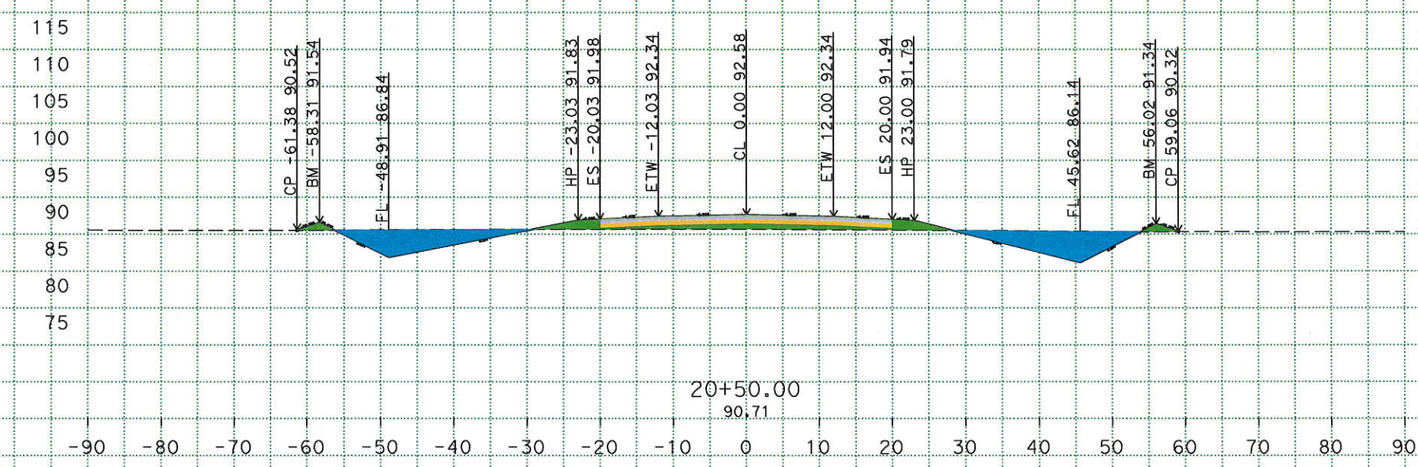
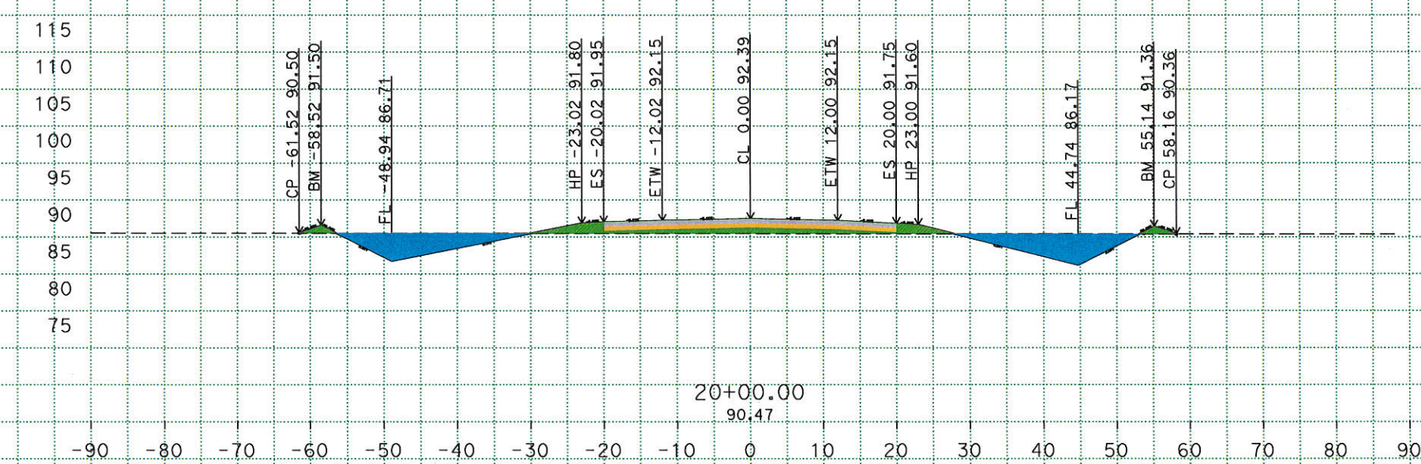


Material(s) at Station 20+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	107.49	197.69	3740.20
Fill	38.43	72.86	1049.45

Material(s) at Station 20+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.82	281.50
HMA	14.01	25.94	492.63
CL2AB	26.02	48.18	914.89



Material(s) at Station 20+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	106.01	190.78	3542.51
Fill	40.26	77.84	976.59

Material(s) at Station 20+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	14.82	266.68
HMA	14.01	25.94	466.69
CL2AB	26.02	48.17	866.71

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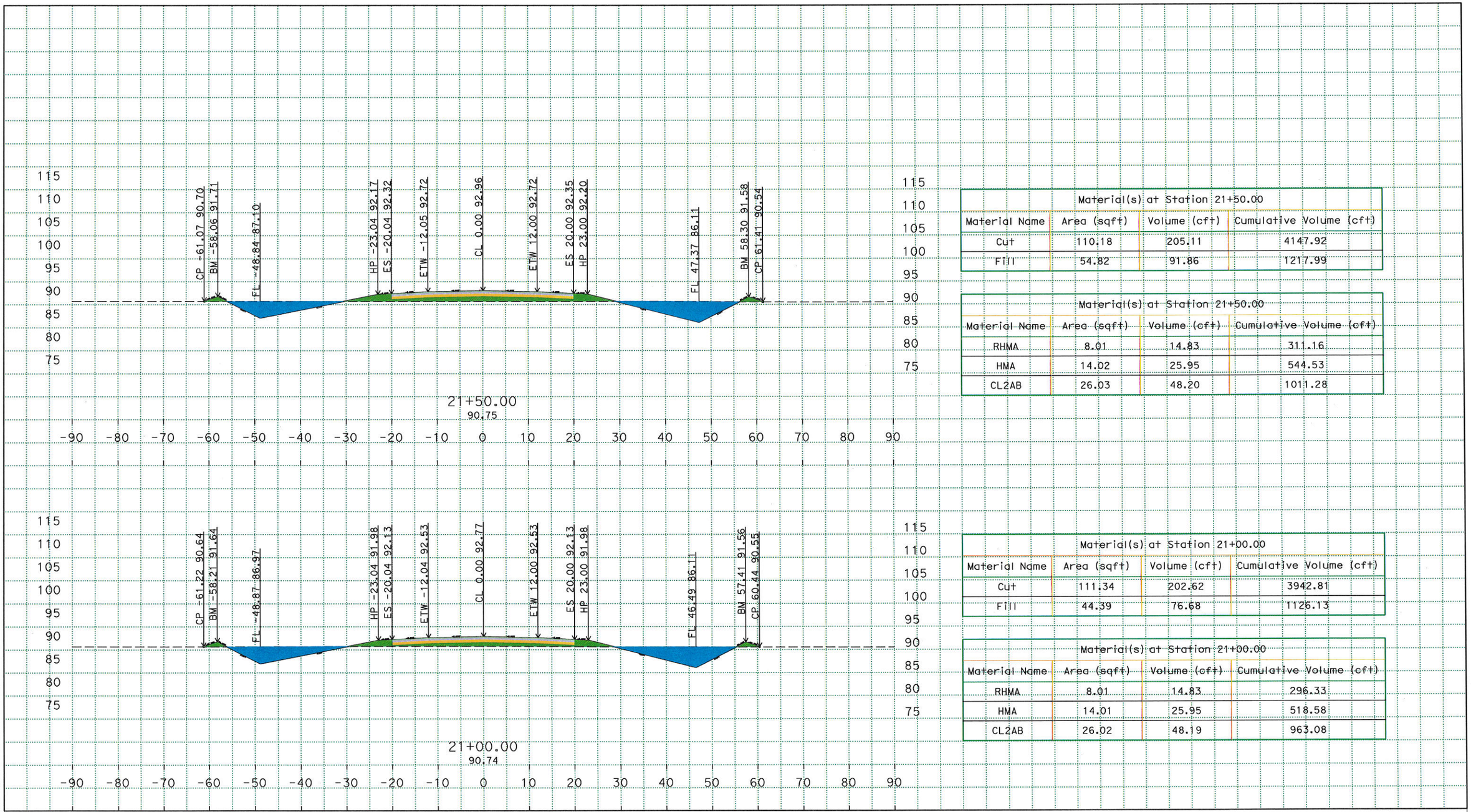

Material(s) at Station 21+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	110.18	205.11	4147.92
Fill	54.82	91.86	1217.99

Material(s) at Station 21+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.83	311.16
HMA	14.02	25.95	544.53
CL2AB	26.03	48.20	1011.28

Material(s) at Station 21+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	111.34	202.62	3942.81
Fill	44.39	76.68	1126.13

Material(s) at Station 21+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.83	296.33
HMA	14.01	25.95	518.58
CL2AB	26.02	48.19	963.08

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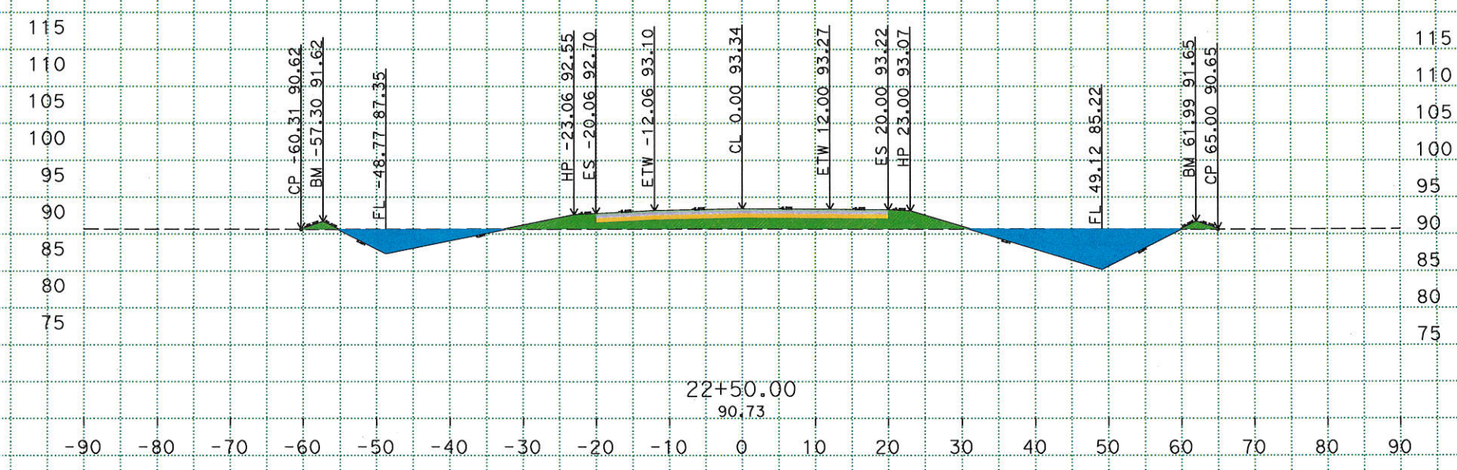
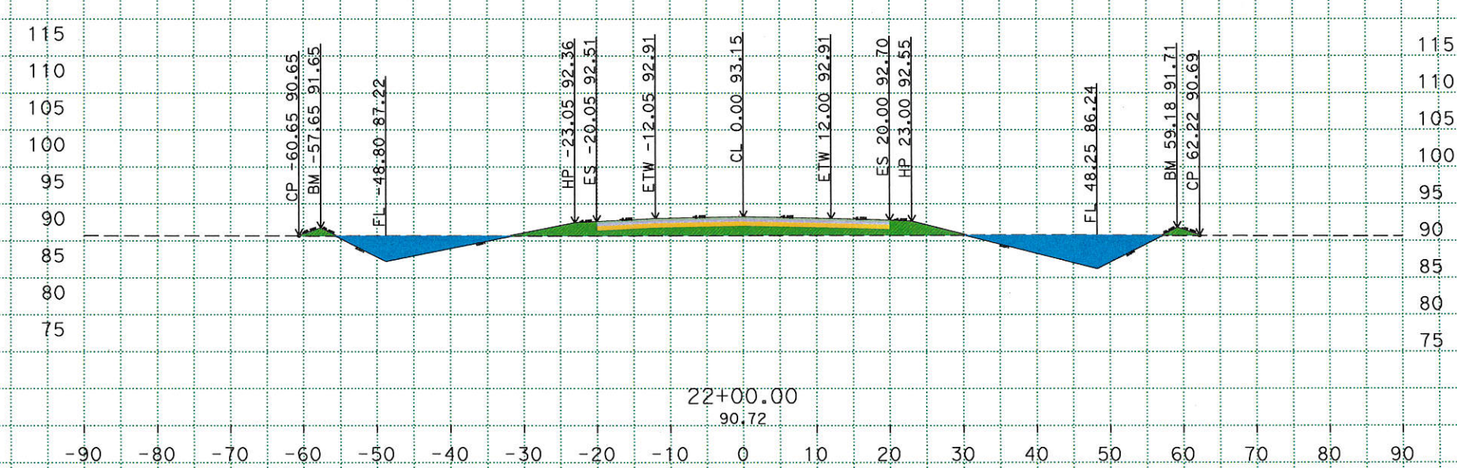


Material(s) at Station 22+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	117.56	202.97	4547.02
Fill	88.28	151.83	1490.66

Material(s) at Station 22+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.84	340.83
HMA	14.02	25.96	596.45
CL2AB	26.04	48.21	1107.70



Material(s) at Station 22+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	101.65	196.14	4344.05
Fill	75.70	120.85	1338.84

Material(s) at Station 22+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.83	325.99
HMA	14.02	25.96	570.49
CL2AB	26.03	48.21	1059.48

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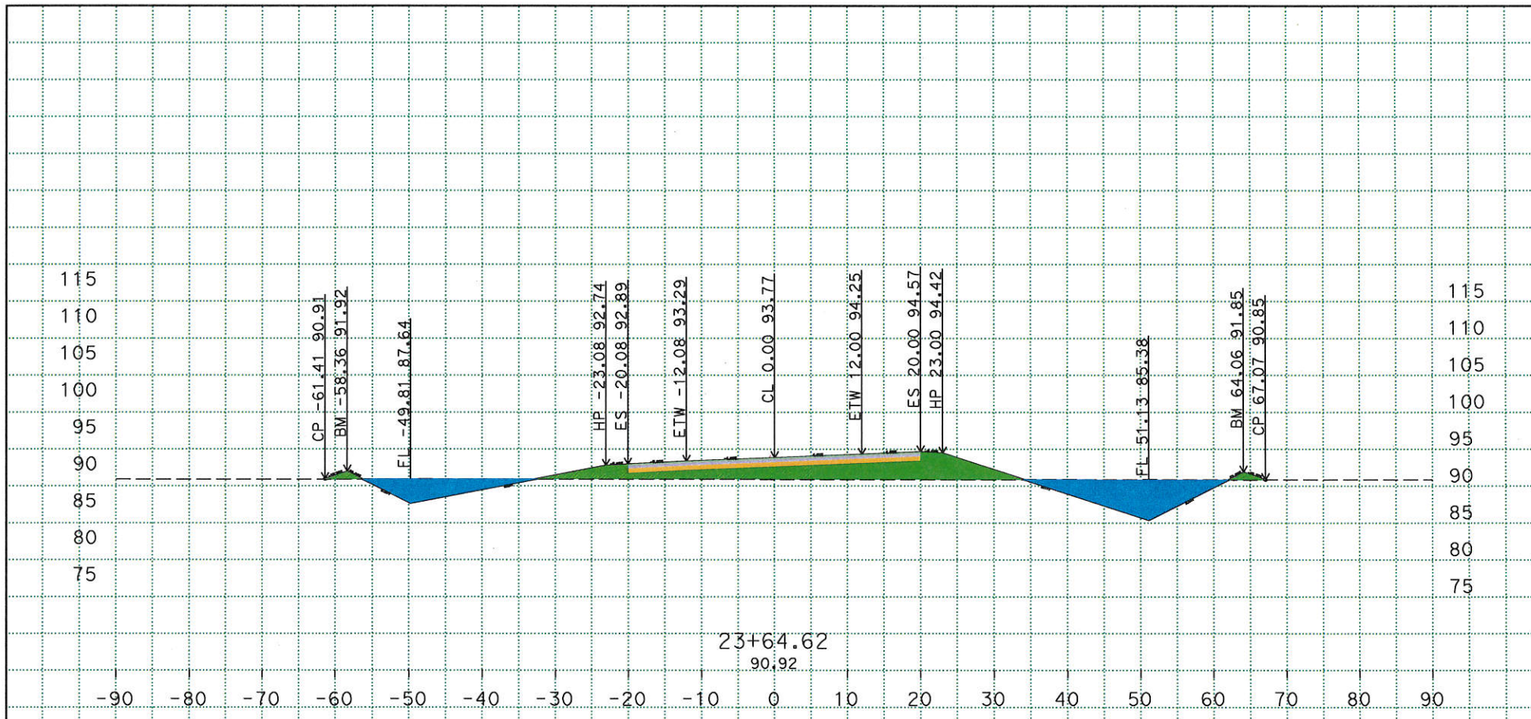
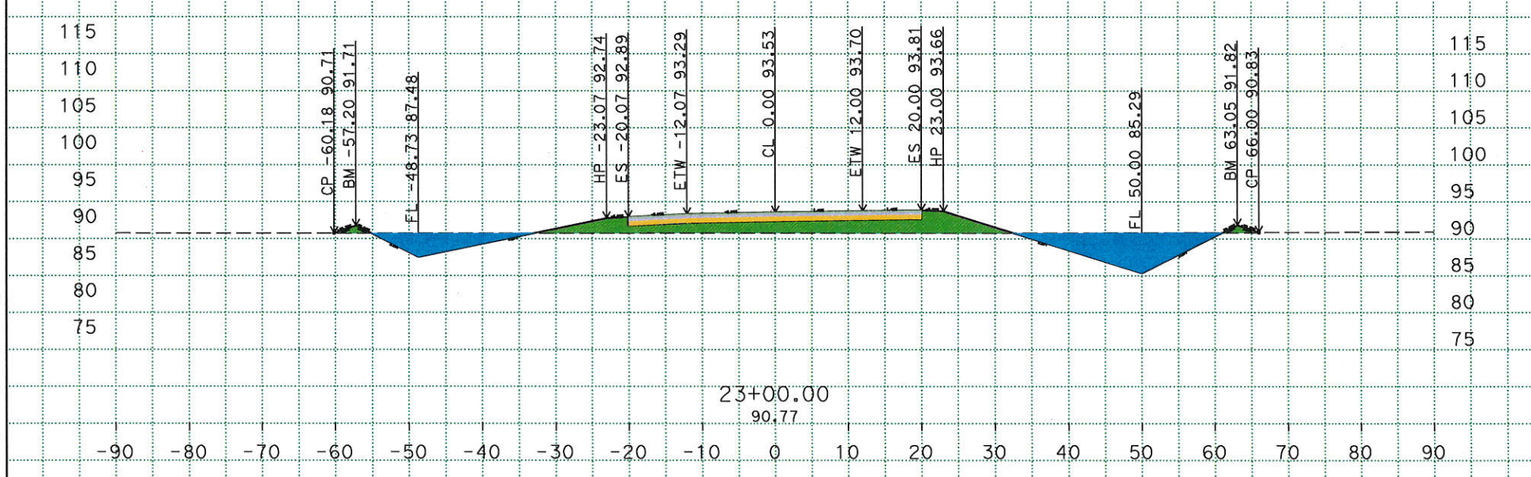


Material(s) at Station 23+64.62			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	124.98	299.66	5071.69
Fill	115.21	262.68	1931.66

Material(s) at Station 23+64.62			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.02	19.18	374.85
HMA	14.03	33.57	655.98
CL2AB	26.05	62.34	1218.26



Material(s) at Station 23+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	125.44	225.00	4772.02
Fill	104.31	178.32	1668.98

Material(s) at Station 23+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.01	14.84	355.67
HMA	14.02	25.97	622.42
CL2AB	26.04	48.22	1155.92

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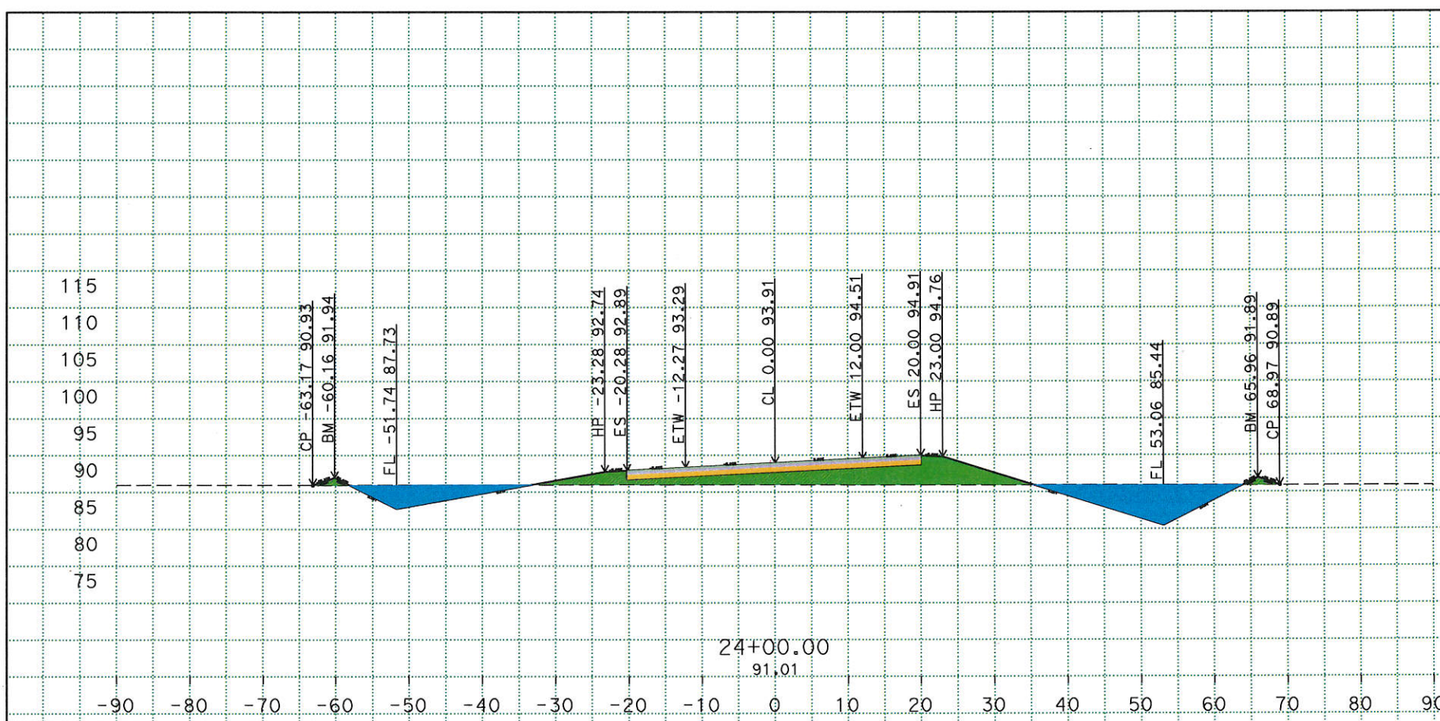
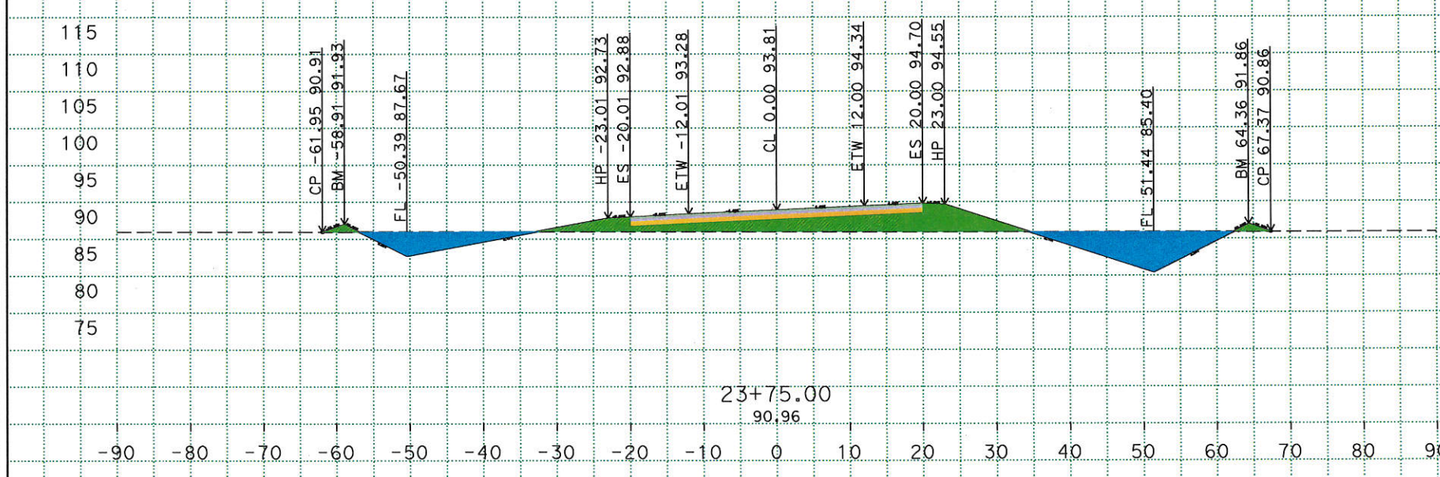


Material(s) at Station 24+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	123.83	116.98	5237.25
Fill	122.01	111.69	2088.35

Material(s) at Station 24+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.06	7.43	385.36
HMA	14.10	13.01	674.38
CL2AB	26.18	24.16	1252.42



Material(s) at Station 23+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	124.37	48.58	5120.27
Fill	116.45	45.00	1976.67

Material(s) at Station 23+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.00	3.08	377.93
HMA	14.00	5.39	611.37
CL2AB	26.01	10.01	1228.26

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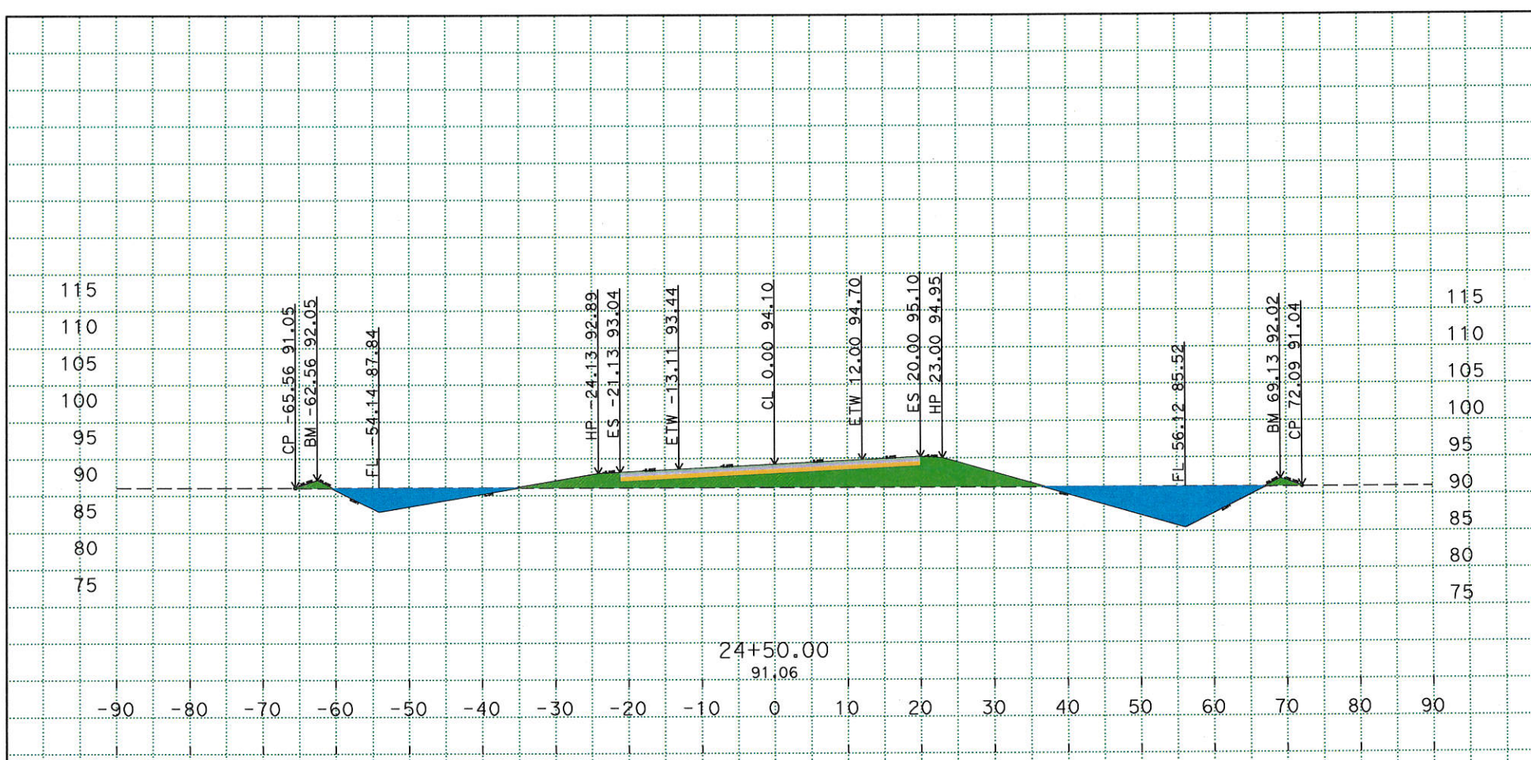
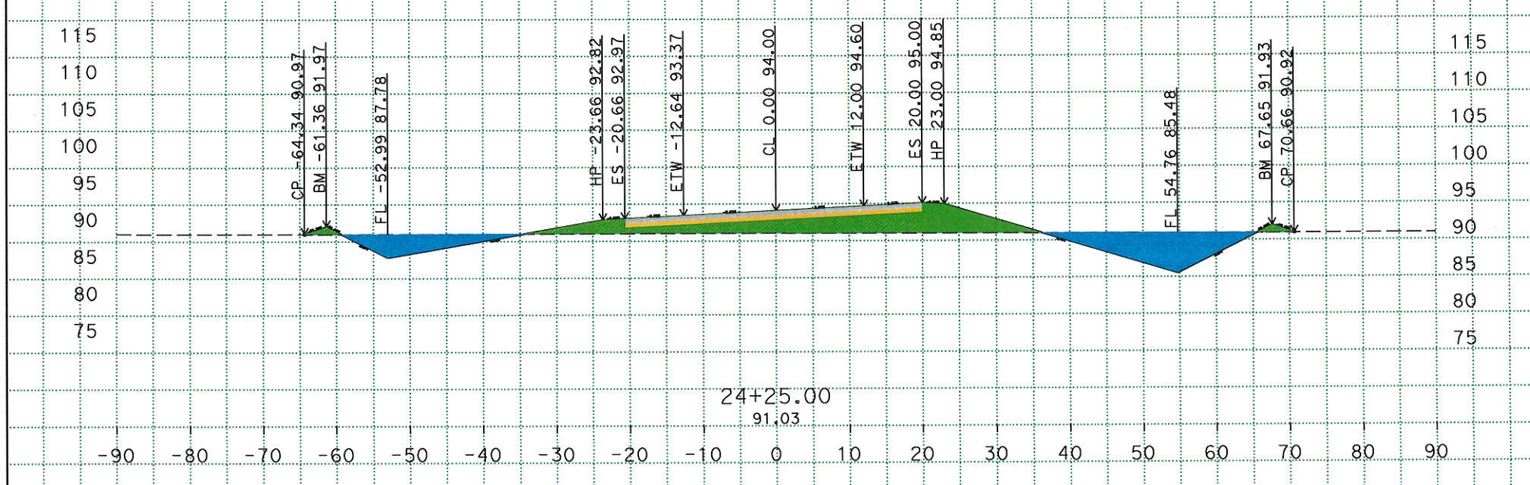


Material(s) at Station 24+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	132.92	123.22	5479.46
Fill	133.41	122.46	2327.98

Material(s) at Station 24+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.23	7.57	400.42
HMA	14.40	13.24	700.73
CL2AB	26.74	24.59	1301.36



Material(s) at Station 24+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	127.85	118.98	5356.23
Fill	128.07	117.17	2205.52

Material(s) at Station 24+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.13	7.49	392.85
HMA	14.23	13.11	687.49
CL2AB	26.43	24.35	1276.77

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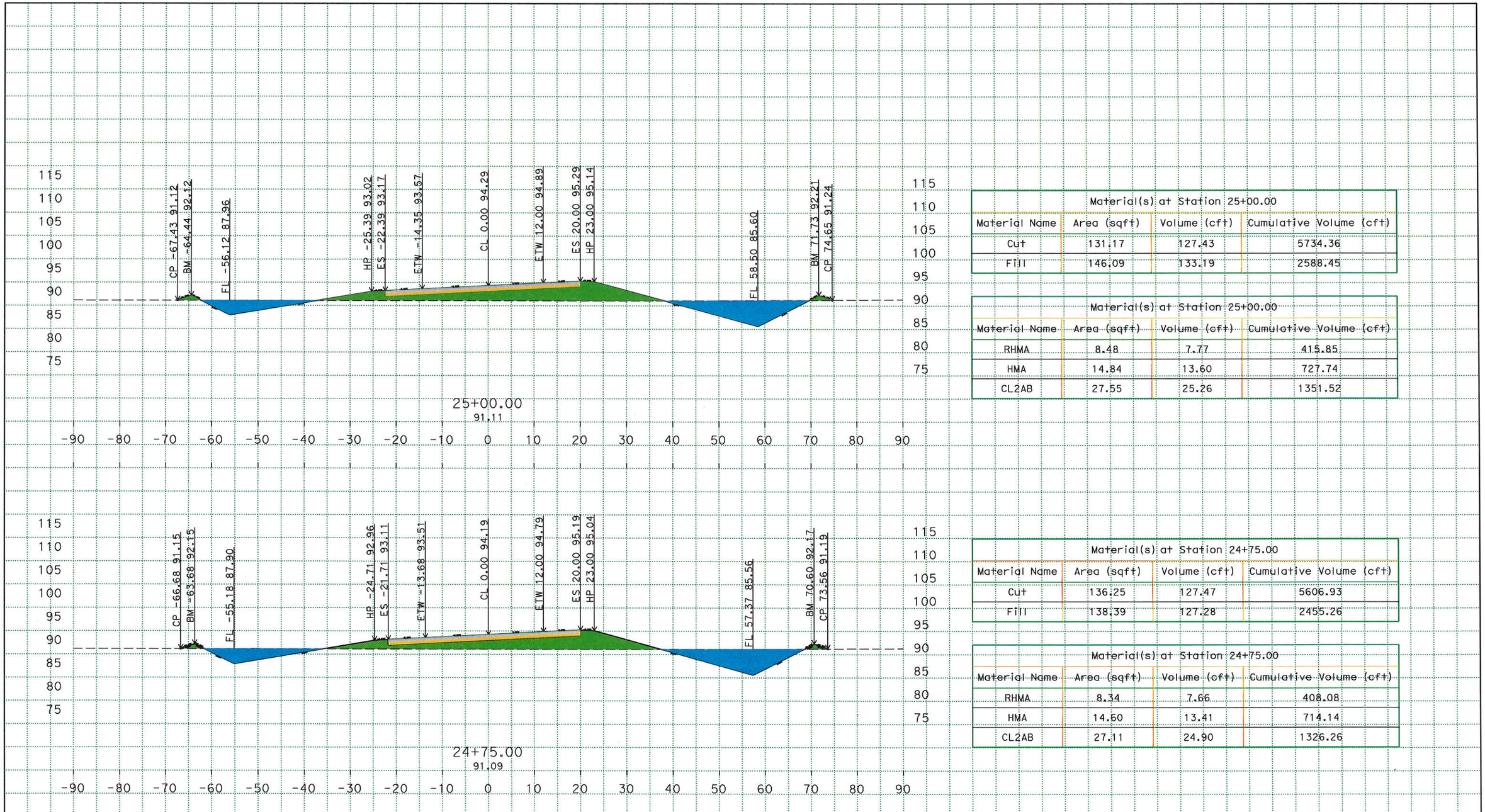

Material(s) at Station 25+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	131.17	127.43	5734.36
Fill	146.09	133.19	2588.45

Material(s) at Station 25+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.48	7.77	415.85
HMA	14.84	13.60	727.74
CL2AB	27.55	25.26	1351.52

Material(s) at Station 24+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	136.25	127.47	5606.93
Fill	138.39	127.28	2455.26

Material(s) at Station 24+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.34	7.66	408.08
HMA	14.60	13.41	714.14
CL2AB	27.11	24.90	1326.26

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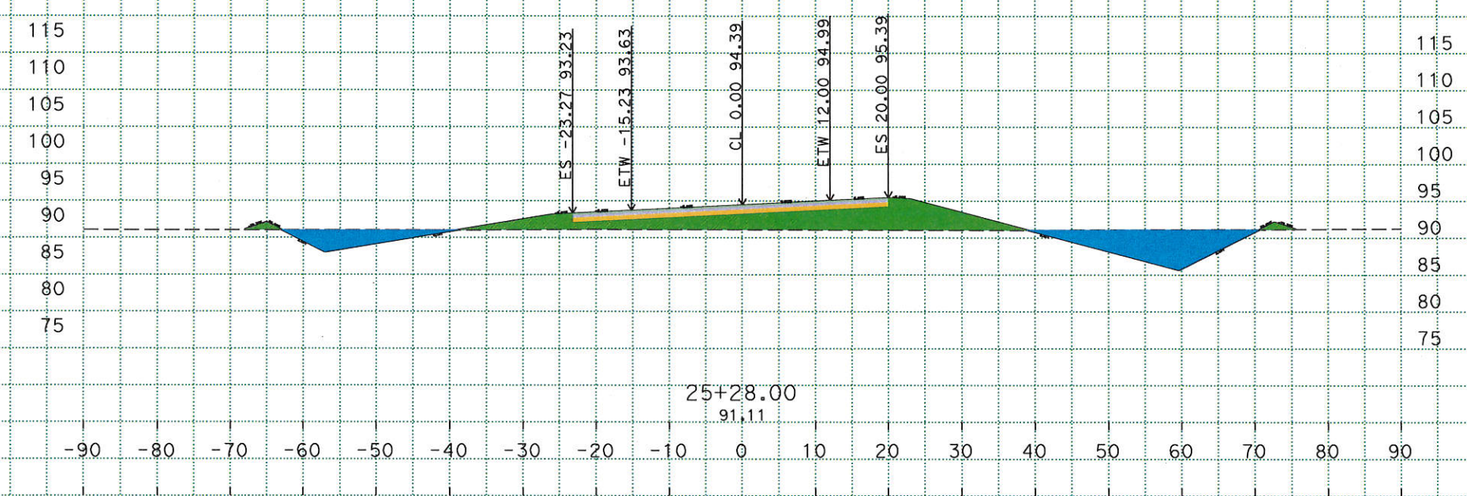
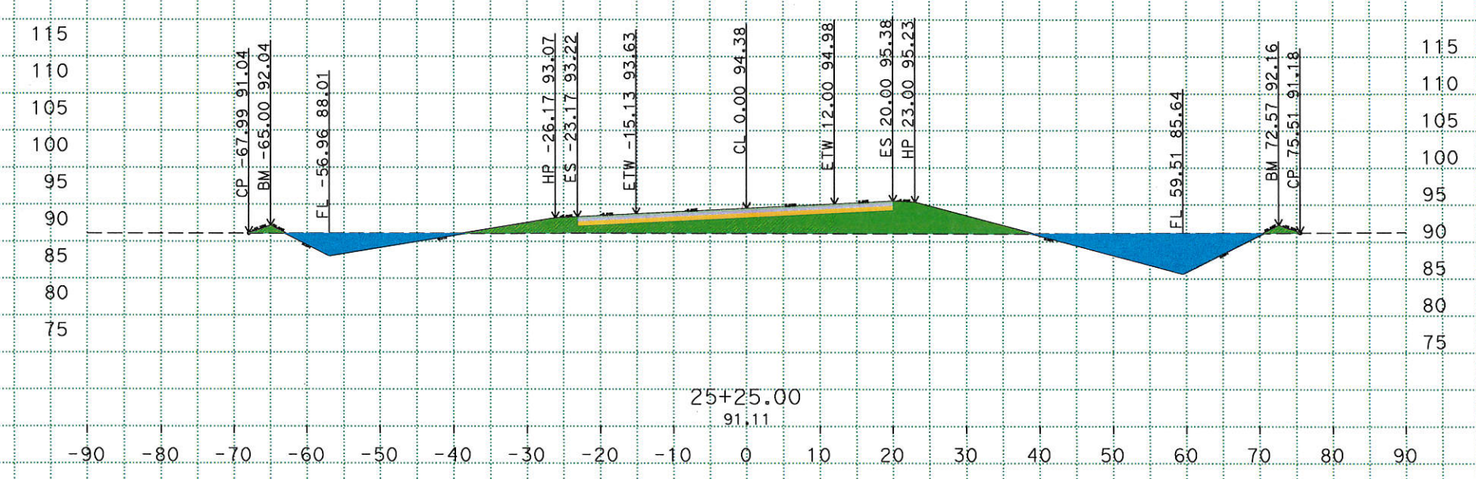


Material(s) at Station 25+28.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	124.73	14.44	5871.79
Fill	157.98	17.64	2747.76

Material(s) at Station 25+28.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.65	0.96	424.71
HMA	15.14	1.68	743.24
CL2AB	28.12	3.11	1380.31



Material(s) at Station 25+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	125.03	122.99	5857.35
Fill	156.94	141.67	2730.11

Material(s) at Station 25+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.65	0.96	424.71
HMA	15.14	1.68	743.24
CL2AB	28.12	3.11	1380.31

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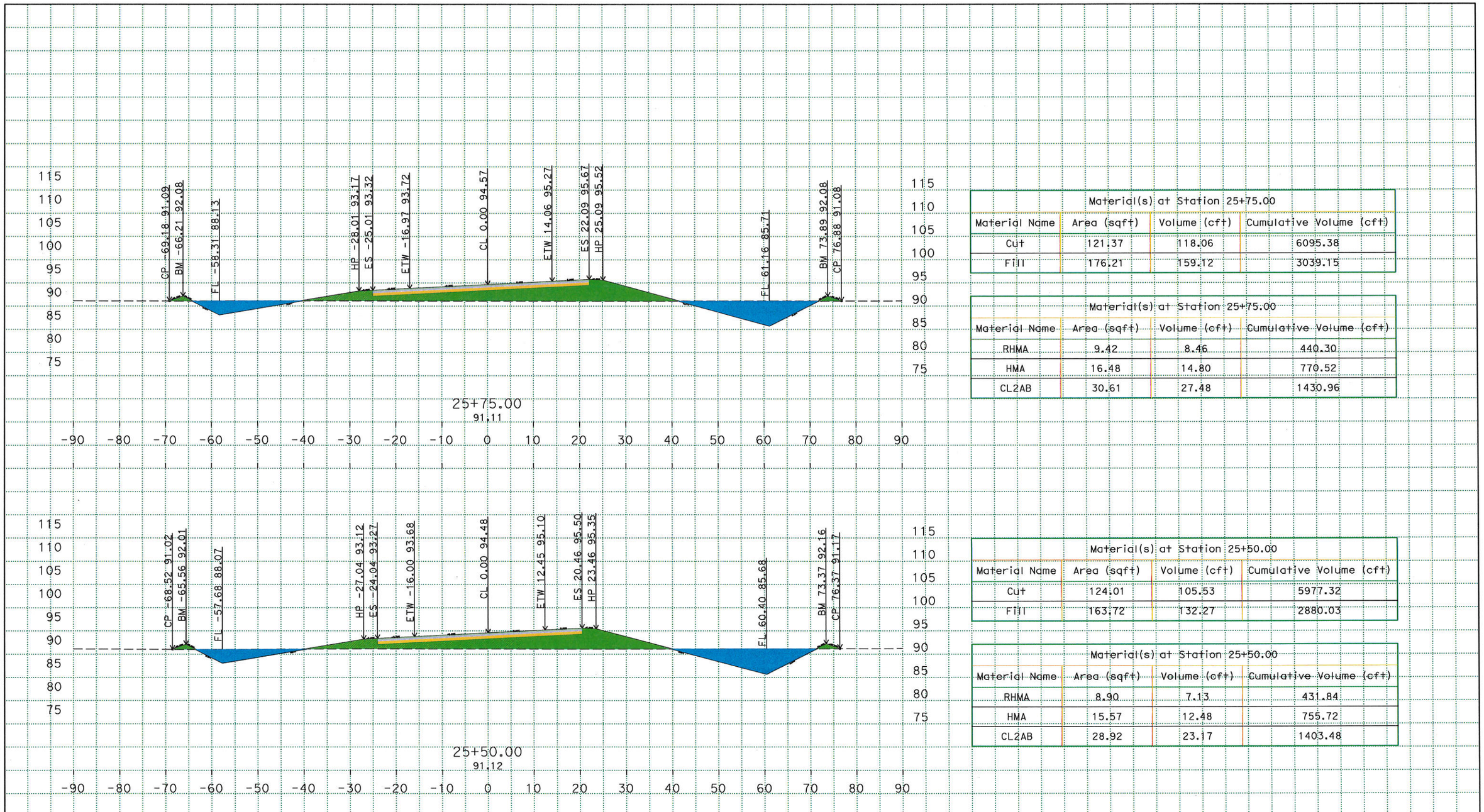

Material(s) at Station 25+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	121.37	118.06	6095.38
Fill	176.21	159.12	3039.15

Material(s) at Station 25+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.42	8.46	440.30
HMA	16.48	14.80	770.52
CL2AB	30.61	27.48	1430.96

Material(s) at Station 25+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	124.01	105.53	5977.32
Fill	163.72	132.27	2880.03

Material(s) at Station 25+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.90	7.13	431.84
HMA	15.57	12.48	755.72
CL2AB	28.92	23.17	1403.48

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A1_XSec_TEMP_X_C3D_DWG.dwg - 21-Mar-16 2:40 PM

PLOTTED DATE: 23-MAR-2016

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

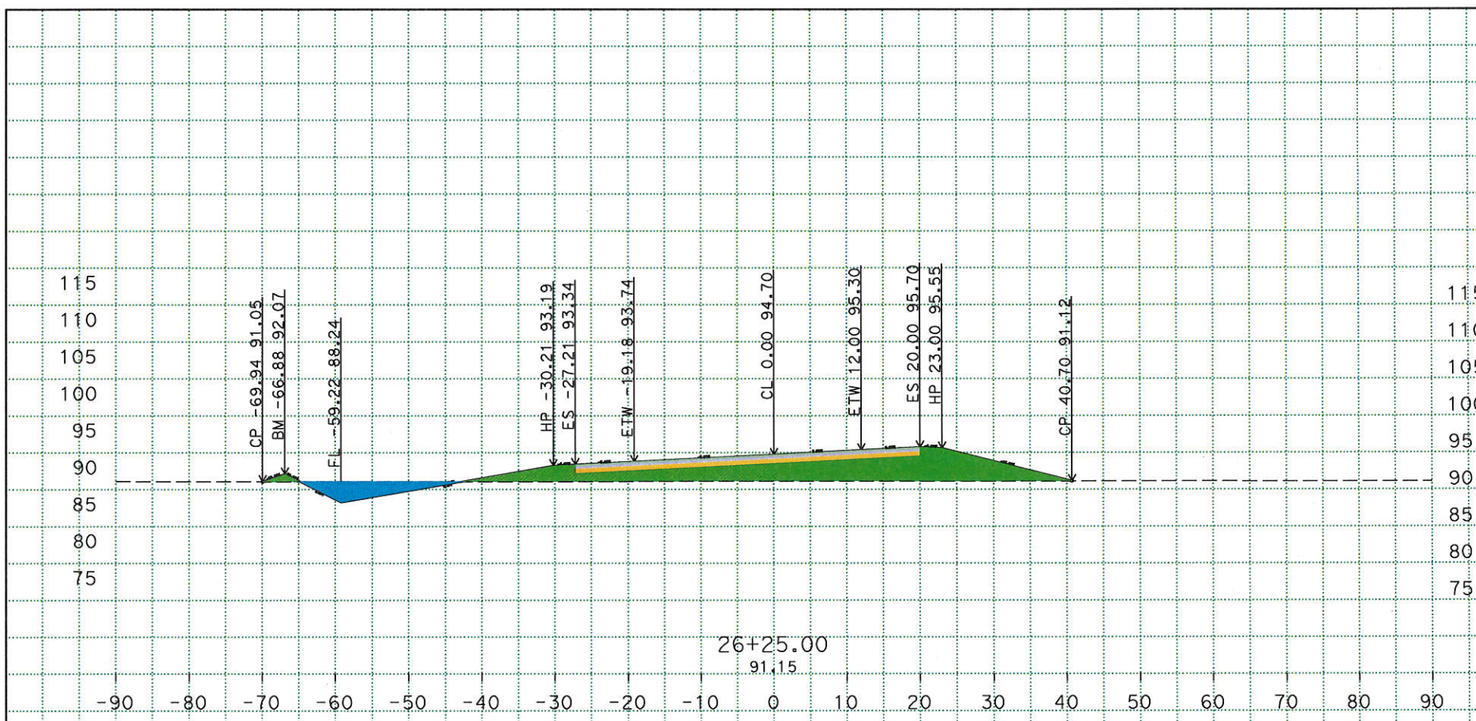
CREATED BY: s128330

CONTRACT: 10-0Q290
DIST/CO/RTE/PM: 10/MER/165/29.8/30.3
PROJECT ID: 1000000201

ALIGNMENT "A1"
CROSS SECTIONS

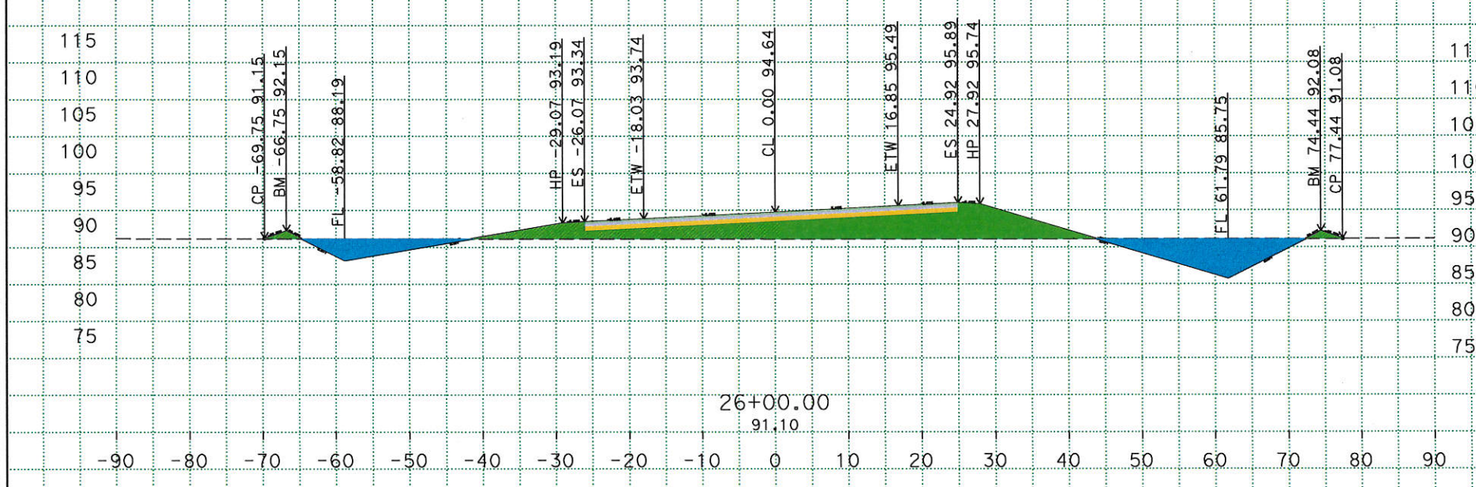
FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 26+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	32.96	72.68	6285.32
Fill	183.45	174.37	3385.10

Material(s) at Station 26+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.44	9.06	458.42
HMA	16.52	15.85	802.24
CL2AB	30.69	29.44	1489.87



Material(s) at Station 26+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	122.56	117.25	6212.64
Fill	189.92	171.58	3210.73

Material(s) at Station 26+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.20	9.07	449.36
HMA	17.85	15.86	786.38
CL2AB	33.14	29.46	1460.42

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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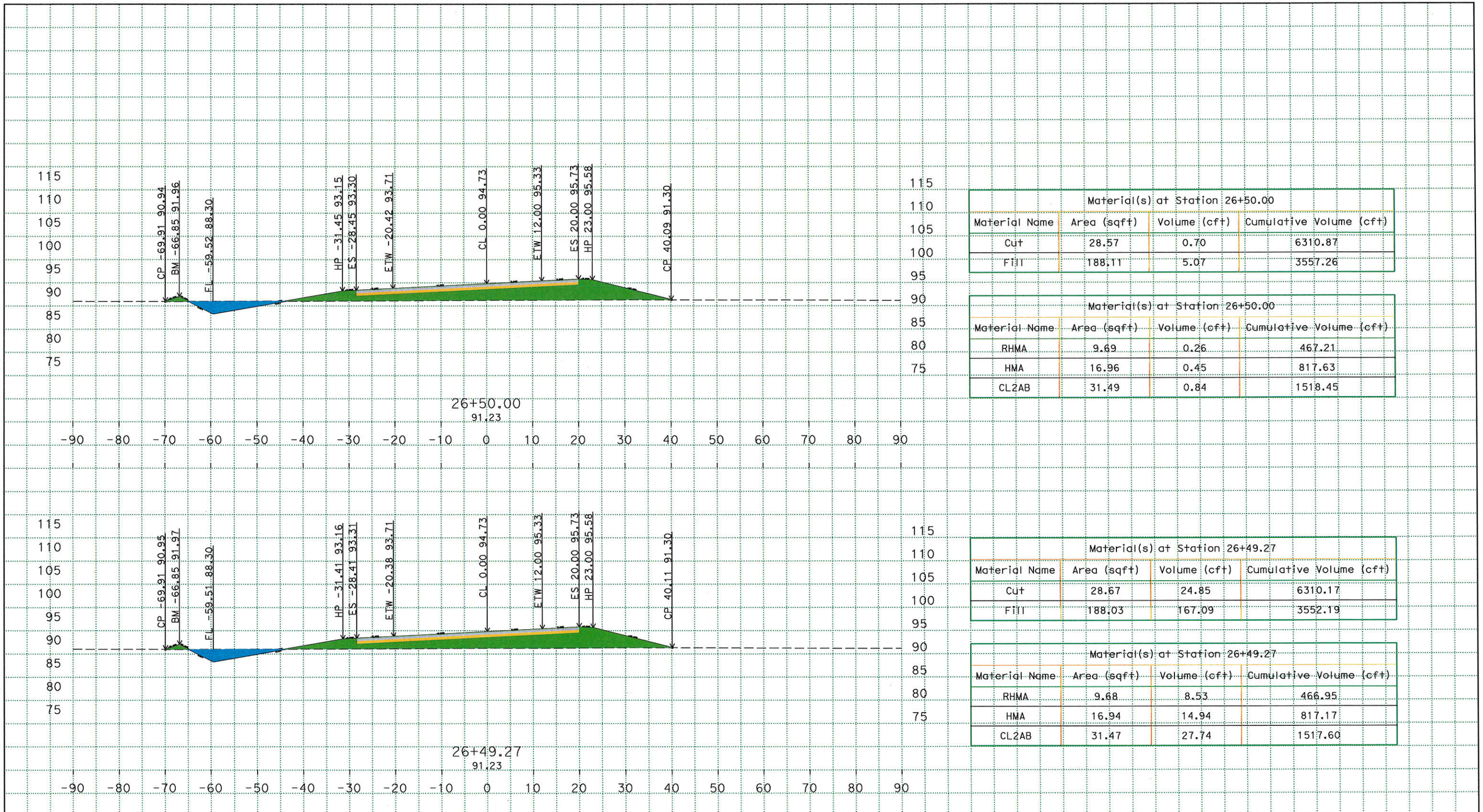
FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 26+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	28.57	0.70	6310.87
Fill	188.11	5.07	3557.26

Material(s) at Station 26+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.69	0.26	467.21
HMA	16.96	0.45	817.63
CL2AB	31.49	0.84	1518.45

Material(s) at Station 26+49.27			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	28.67	24.85	6310.17
Fill	188.03	167.09	3552.19

Material(s) at Station 26+49.27			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.68	8.53	466.95
HMA	16.94	14.94	817.17
CL2AB	31.47	27.74	1517.60

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PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

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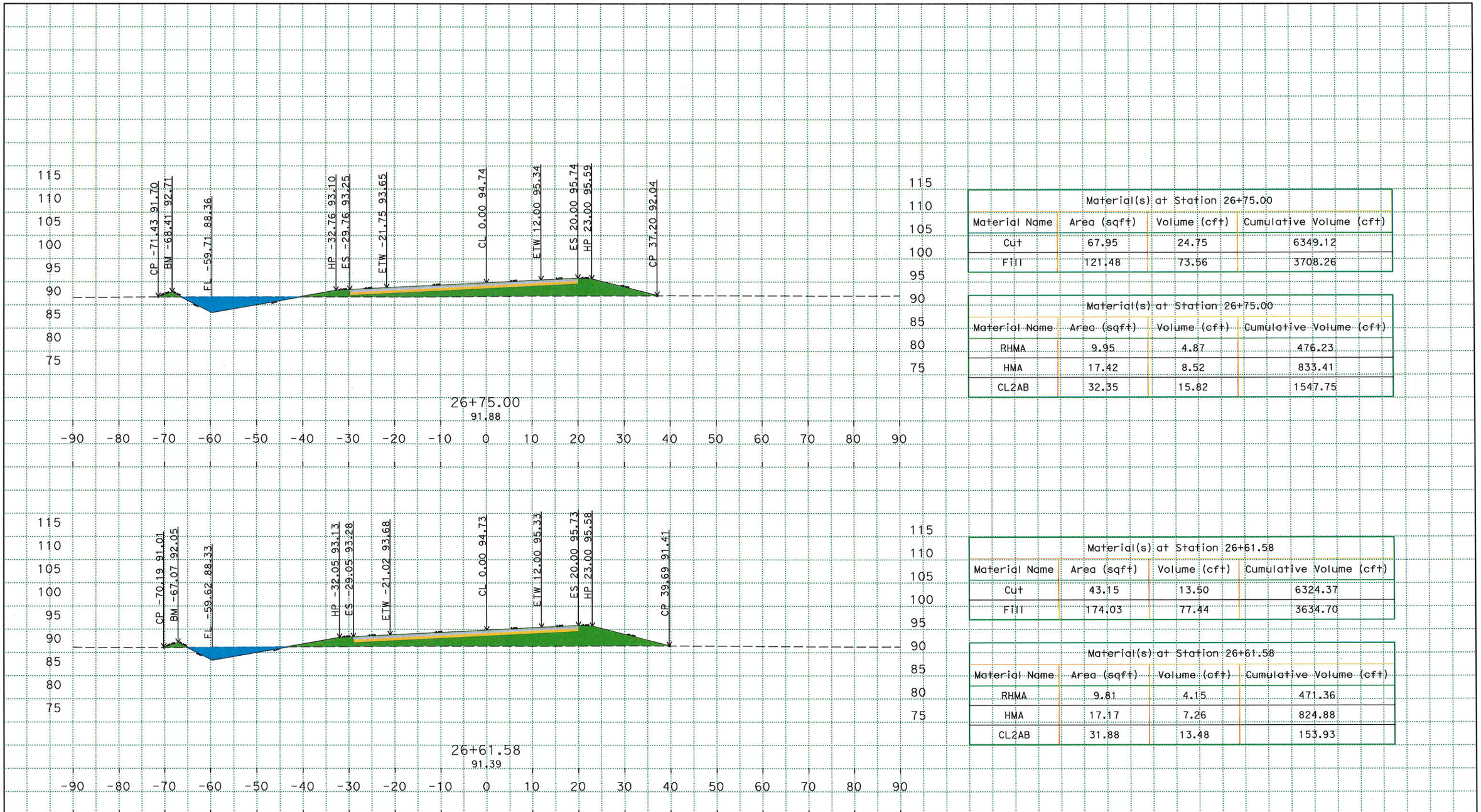

Material(s) at Station 26+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	67.95	24.75	6349.12
Fill	121.48	73.56	3708.26

Material(s) at Station 26+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.95	4.87	476.23
HMA	17.42	8.52	833.41
CL2AB	32.35	15.82	1547.75

Material(s) at Station 26+61.58			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	43.15	13.50	6324.37
Fill	174.03	77.44	3634.70

Material(s) at Station 26+61.58			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.81	4.15	471.36
HMA	17.17	7.26	824.88
CL2AB	31.88	13.48	153.93

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PLOTTED DATE: 23-MAR-2016

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 "A1"
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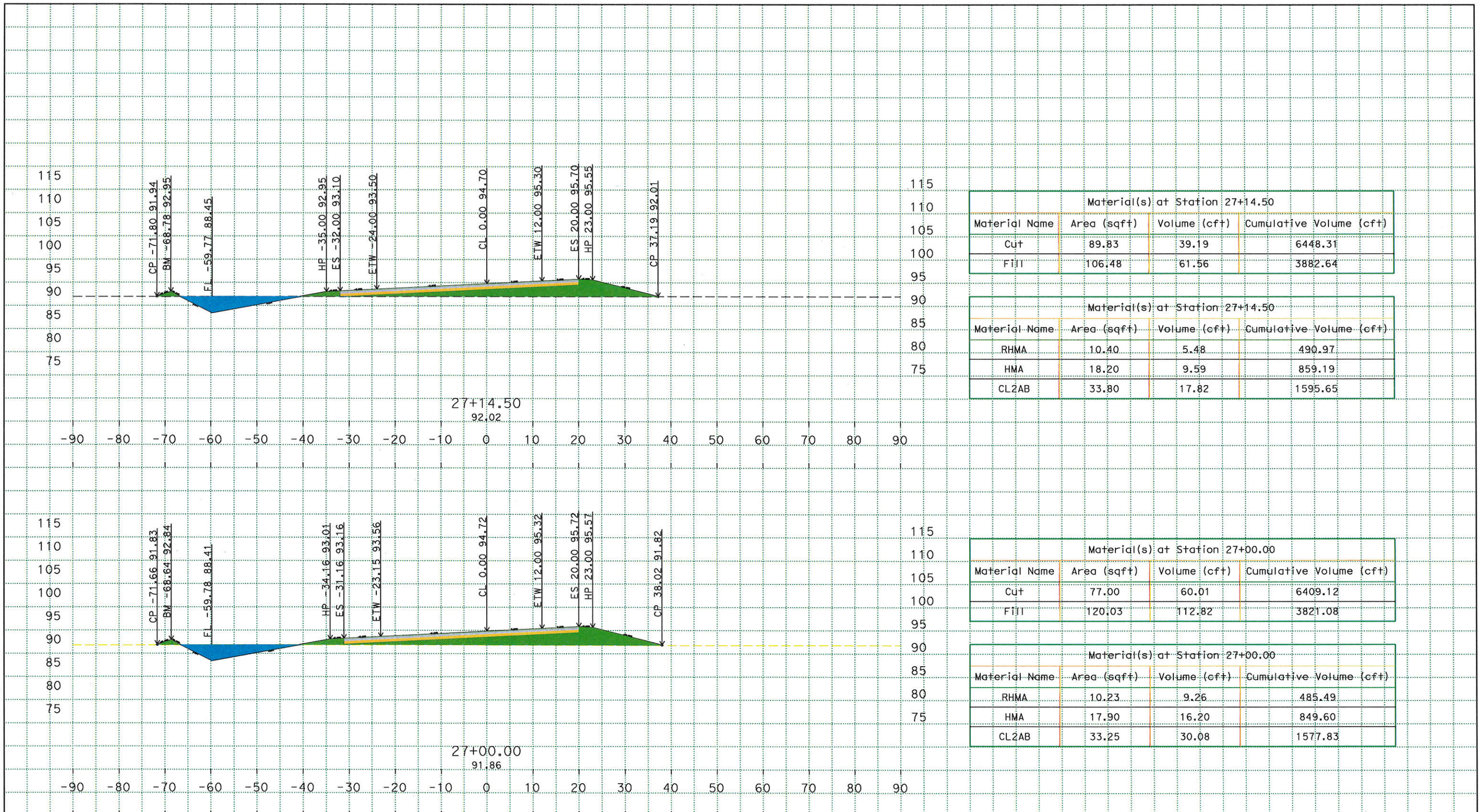

Material(s) at Station 27+14.50			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	89.83	39.19	6448.31
Fill	106.48	61.56	3882.64

Material(s) at Station 27+14.50			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	5.48	490.97
HMA	18.20	9.59	859.19
CL2AB	33.80	17.82	1595.65

Material(s) at Station 27+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	77.00	60.01	6409.12
Fill	120.03	112.82	3821.08

Material(s) at Station 27+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.23	9.26	485.49
HMA	17.90	16.20	849.60
CL2AB	33.25	30.08	1577.83

PLOTTED DATE: 23-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 "A1"
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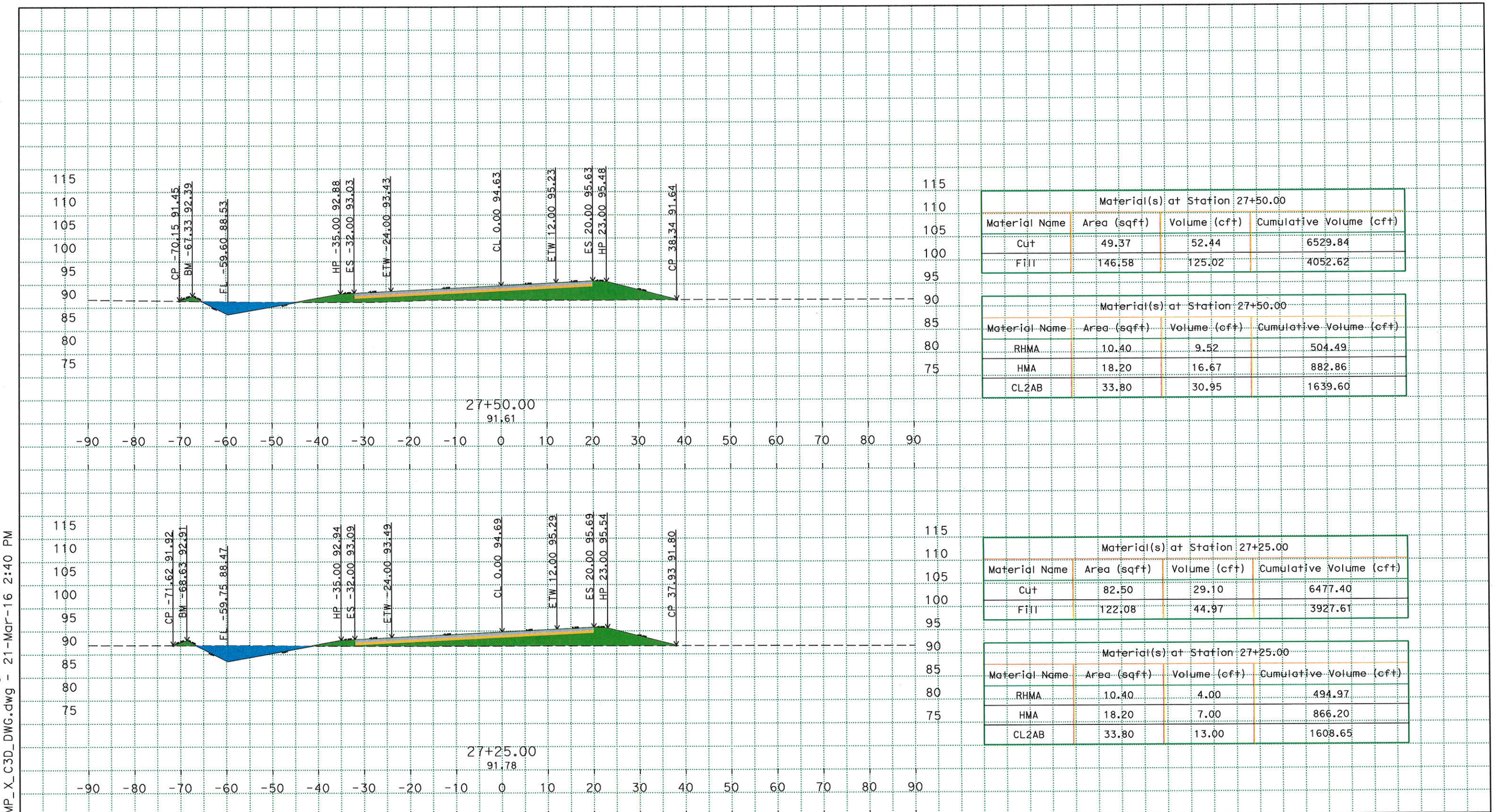

Material(s) at Station 27+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	49.37	52.44	6529.84
Fill	146.58	125.02	4052.62

Material(s) at Station 27+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	504.49
HMA	18.20	16.67	882.86
CL2AB	33.80	30.95	1639.60

Material(s) at Station 27+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	82.50	29.10	6477.40
Fill	122.08	44.97	3927.61

Material(s) at Station 27+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	4.00	494.97
HMA	18.20	7.00	866.20
CL2AB	33.80	13.00	1608.65

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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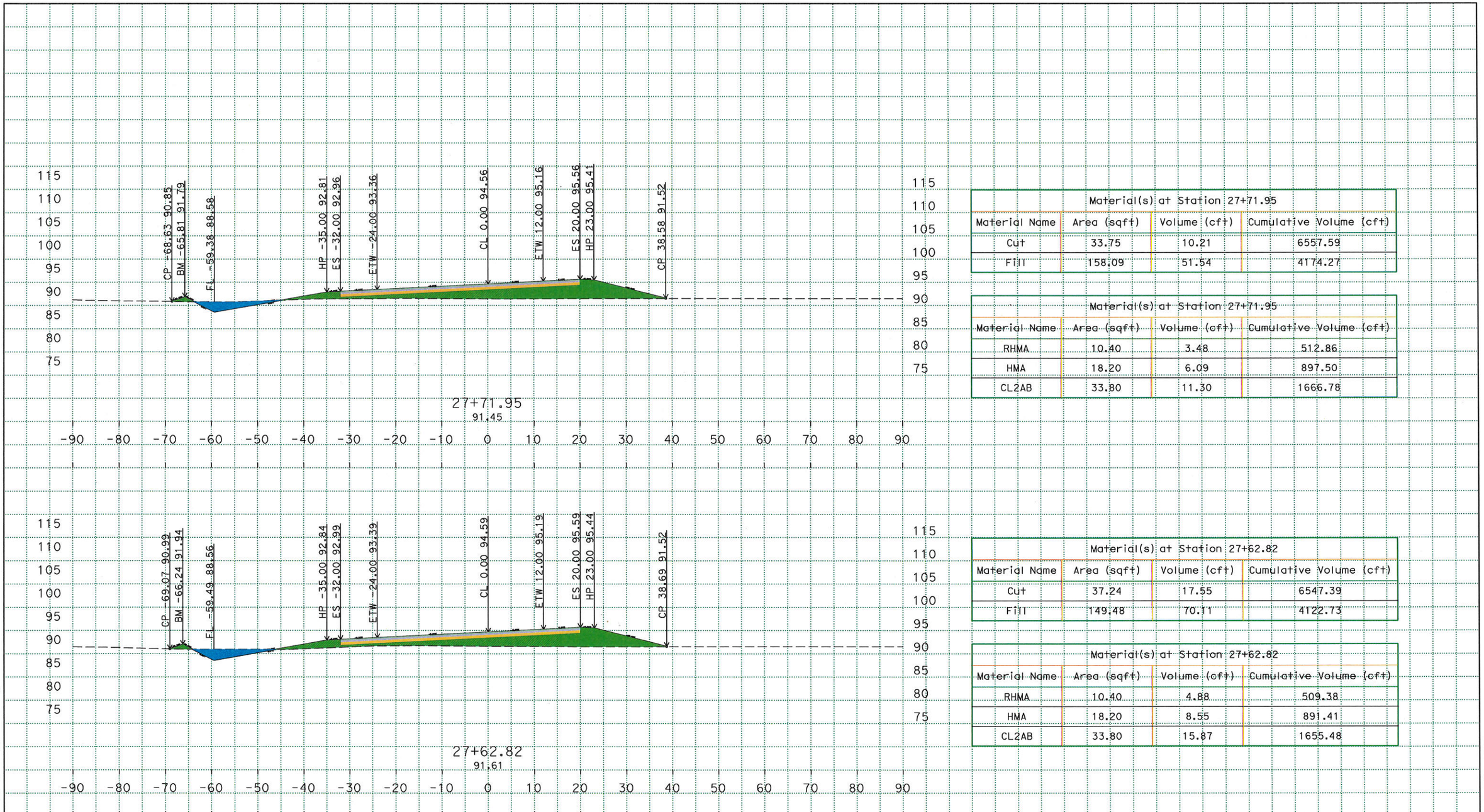

Material(s) at Station 27+71.95			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	33.75	10.21	6557.59
Fill	158.09	51.54	4174.27

Material(s) at Station 27+71.95			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	3.48	512.86
HMA	18.20	6.09	897.50
CL2AB	33.80	11.30	1666.78

Material(s) at Station 27+62.82			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	37.24	17.55	6547.39
Fill	149.48	70.11	4122.73

Material(s) at Station 27+62.82			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	4.88	509.38
HMA	18.20	8.55	891.41
CL2AB	33.80	15.87	1655.48

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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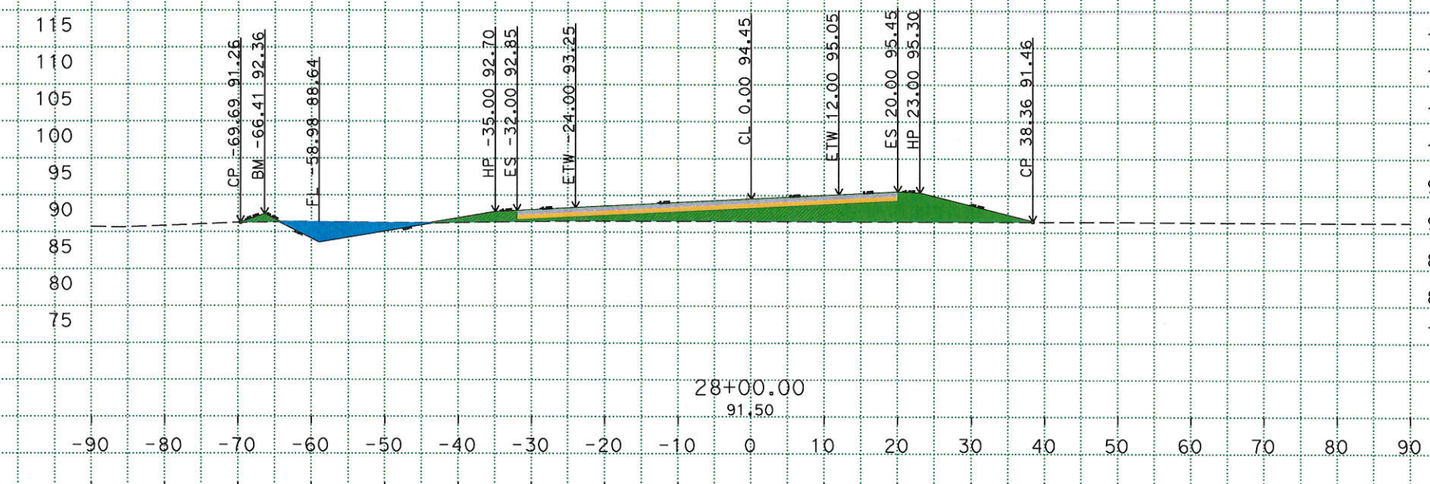
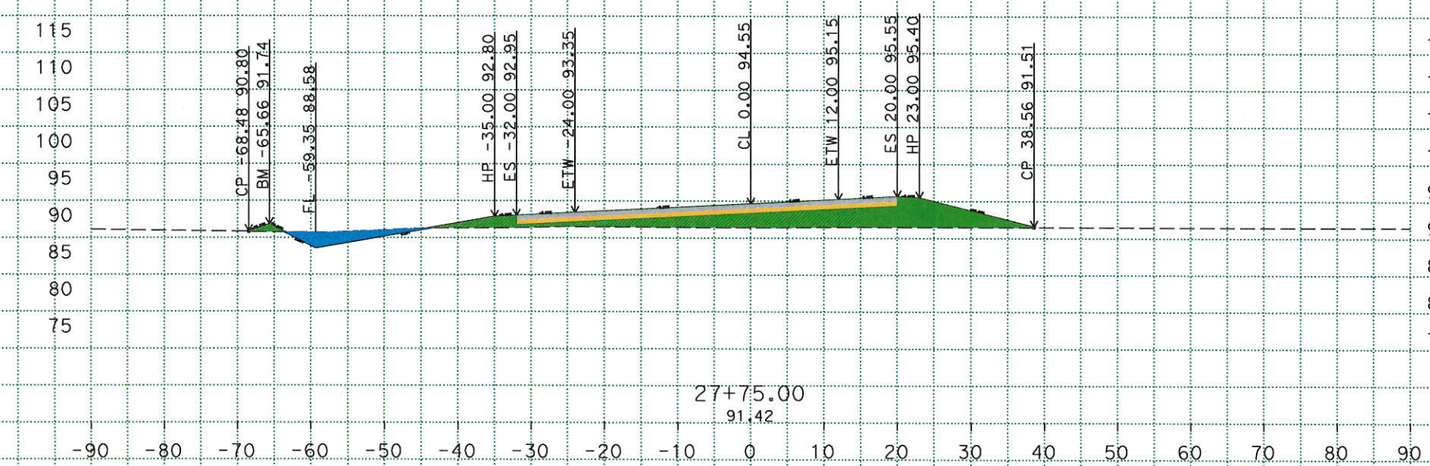


Material(s) at Station 28+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	43.09	31.36	6592.21
Fill	184.99	157.36	4349.42

Material(s) at Station 28+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	523.54
HMA	18.20	16.67	916.20
CL2AB	33.80	30.95	1701.51



Material(s) at Station 27+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	34.00	3.25	6560.85
Fill	161.00	17.78	4192.05

Material(s) at Station 27+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	1.16	514.02
HMA	18.20	2.03	899.53
CL2AB	33.80	3.78	1670.56

PLOTTED DATE: 24-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 "A1"
CROSS SECTIONS

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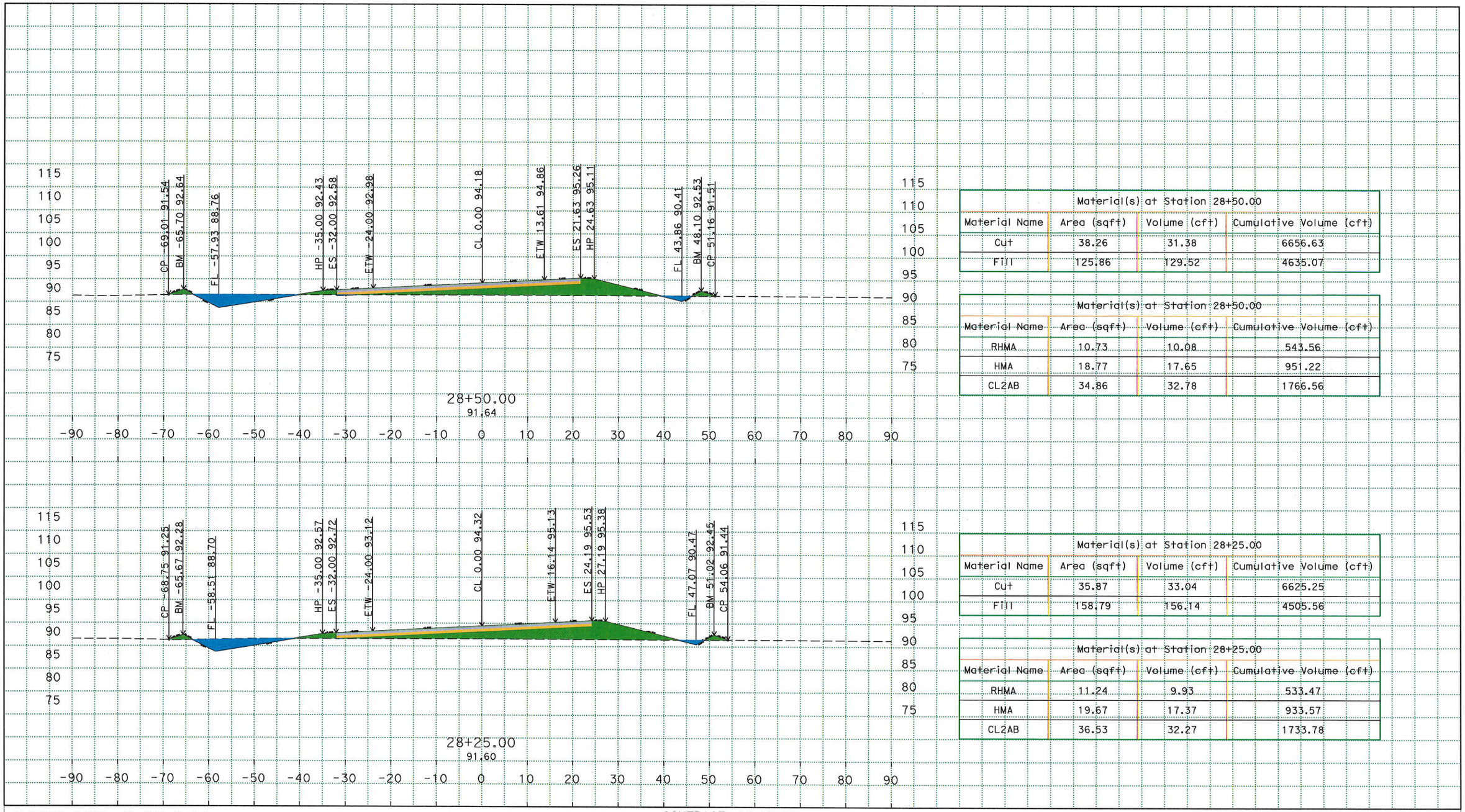

Material(s) at Station 28+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	38.26	31.38	6656.63
Fill	125.86	129.52	4635.07

Material(s) at Station 28+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.73	10.08	543.56
HMA	18.77	17.65	951.22
CL2AB	34.86	32.78	1766.56

Material(s) at Station 28+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	35.87	33.04	6625.25
Fill	158.79	156.14	4505.56

Material(s) at Station 28+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	11.24	9.93	533.47
HMA	19.67	17.37	933.57
CL2AB	36.53	32.27	1733.78

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PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

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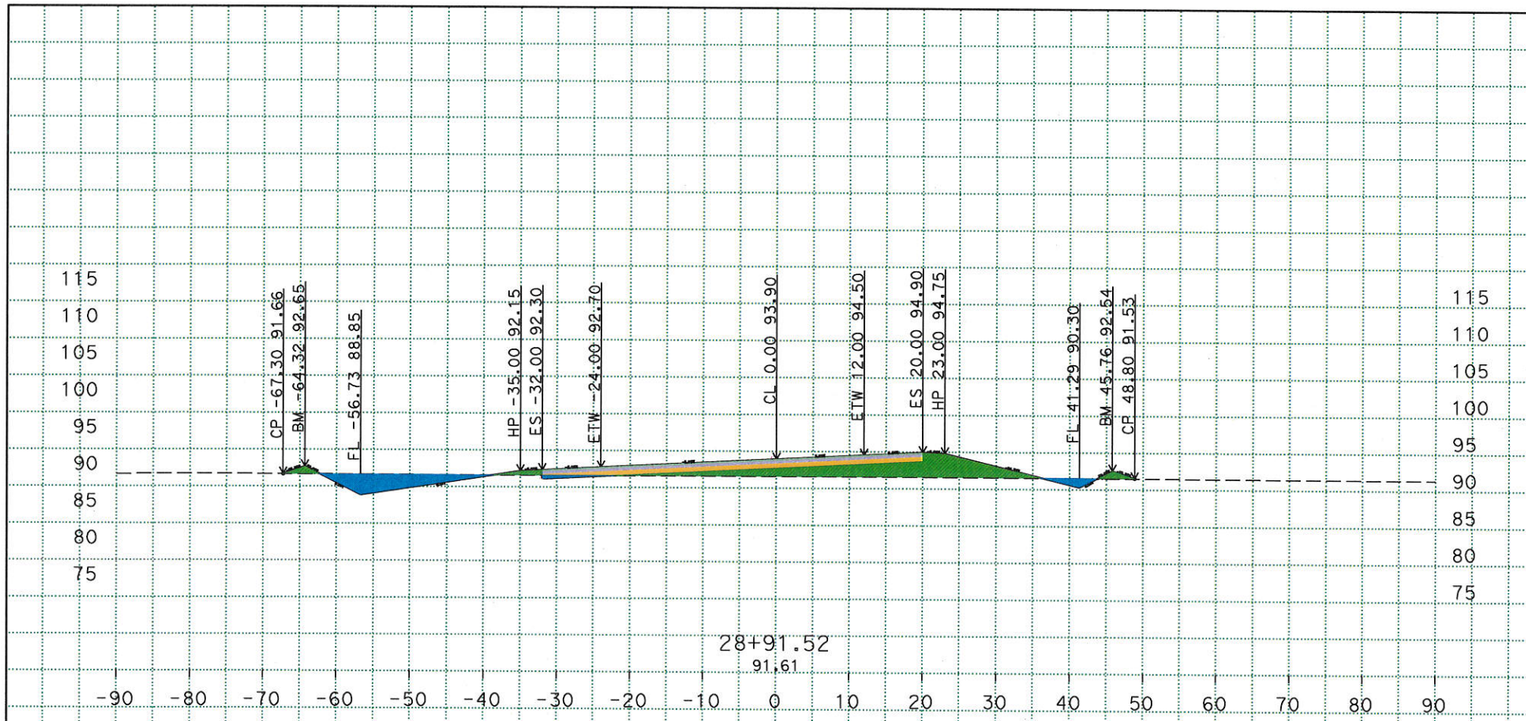
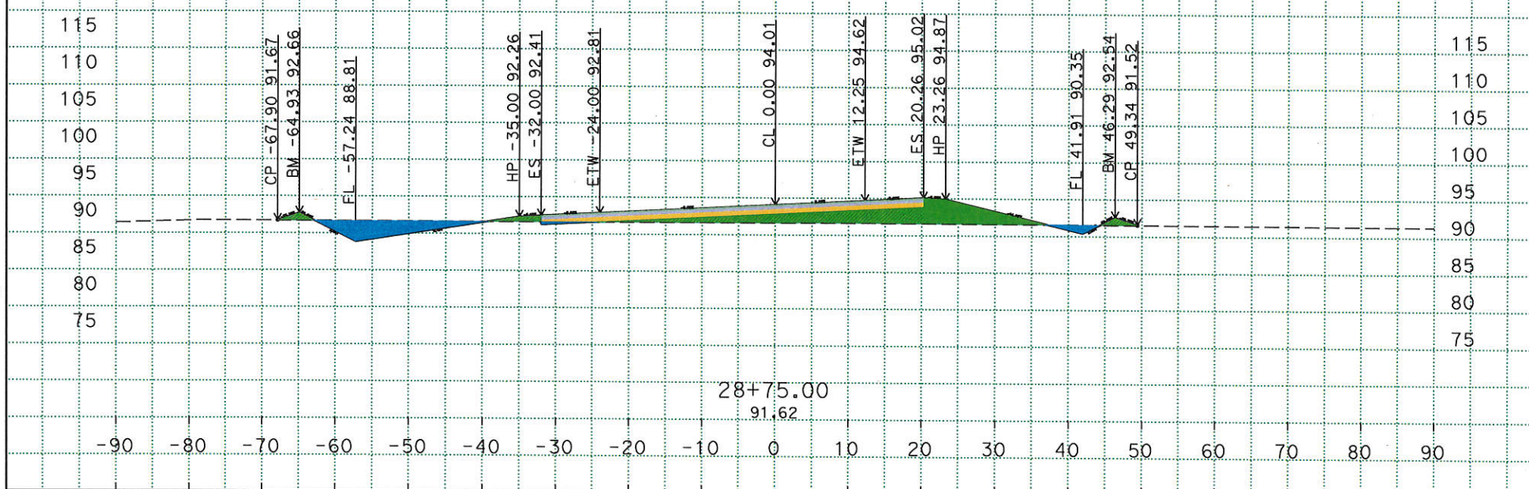


Material(s) at Station 28+91.52			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	48.55	25.64	6716.99
Fill	87.65	57.45	4795.99

Material(s) at Station 28+91.52			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	6.31	559.57
HMA	18.20	11.04	979.25
CL2AB	33.80	20.51	1818.61



Material(s) at Station 28+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	43.50	34.72	6691.34
Fill	100.09	103.47	4738.54

Material(s) at Station 28+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.45	9.71	553.26
HMA	18.29	16.98	968.21
CL2AB	33.97	31.54	1798.10

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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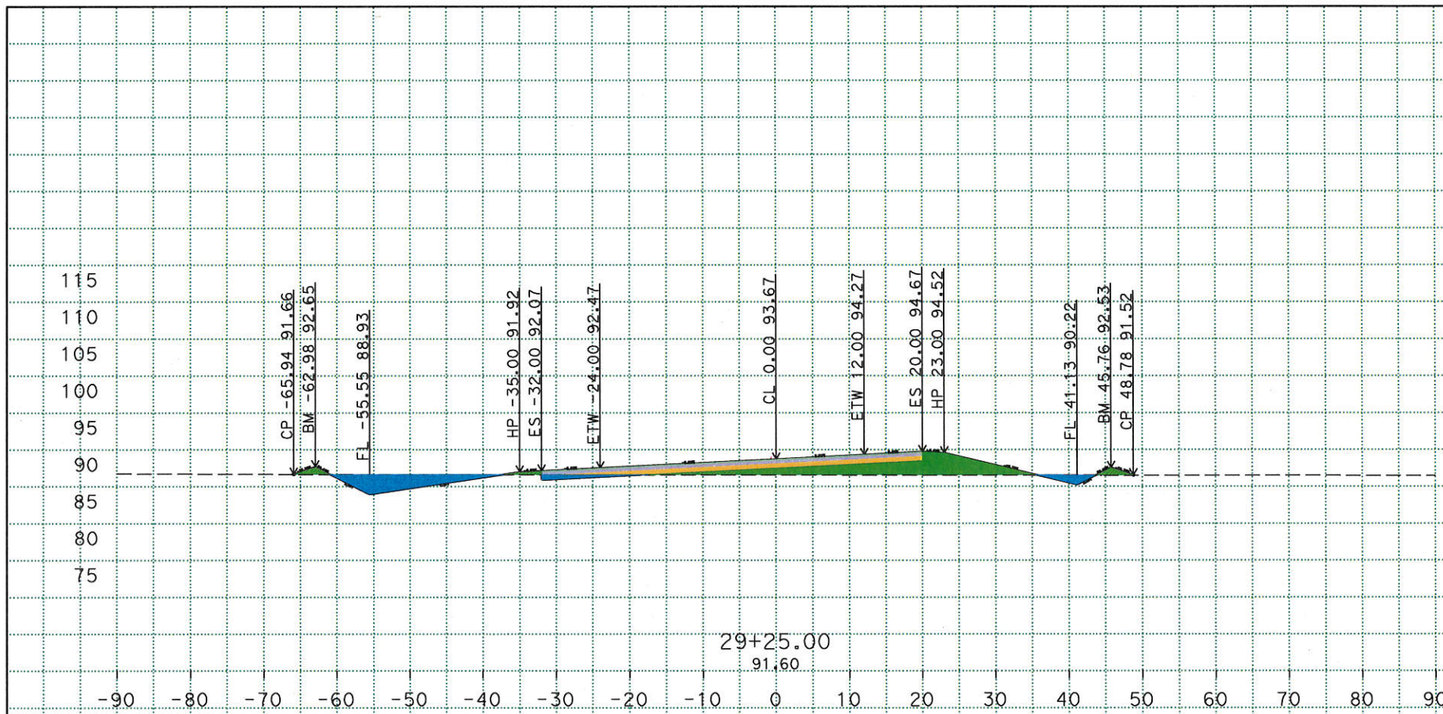
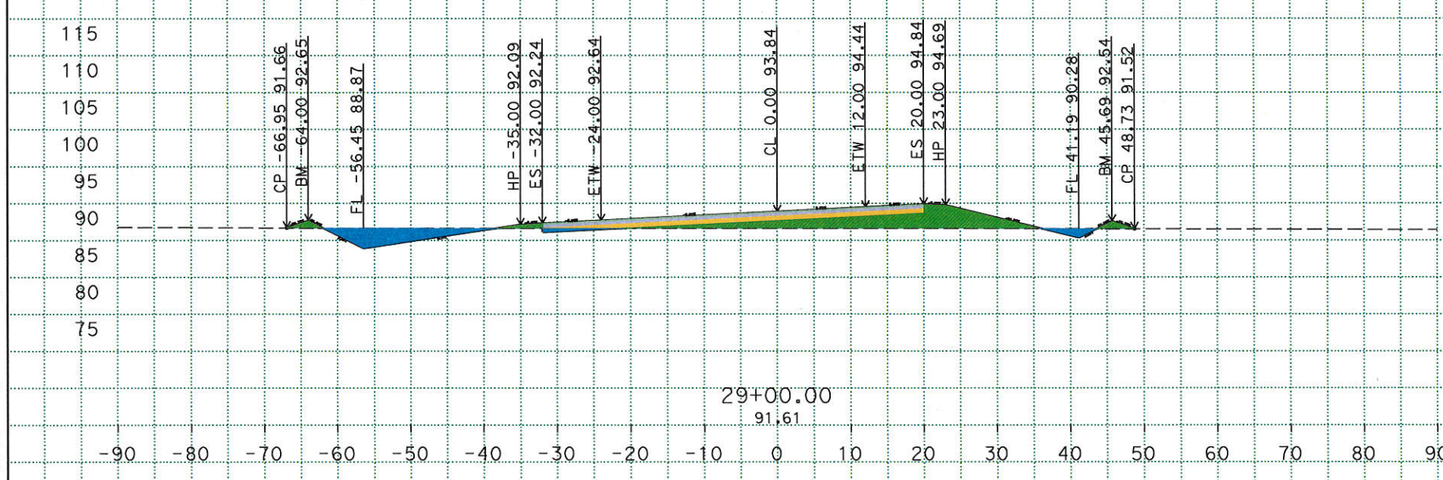


Material(s) at Station 29+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	57.63	45.59	6776.81
Fill	70.95	71.97	4894.88

Material(s) at Station 29+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	572.33
HMA	18.20	16.67	1001.57
CL2AB	33.80	30.95	1860.06



Material(s) at Station 29+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	51.66	14.24	6731.22
Fill	82.53	26.91	4822.90

Material(s) at Station 29+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	3.23	562.80
HMA	18.20	5.65	984.90
CL2AB	33.80	10.50	1829.11

PLOTTED DATE: 23-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 "A1"
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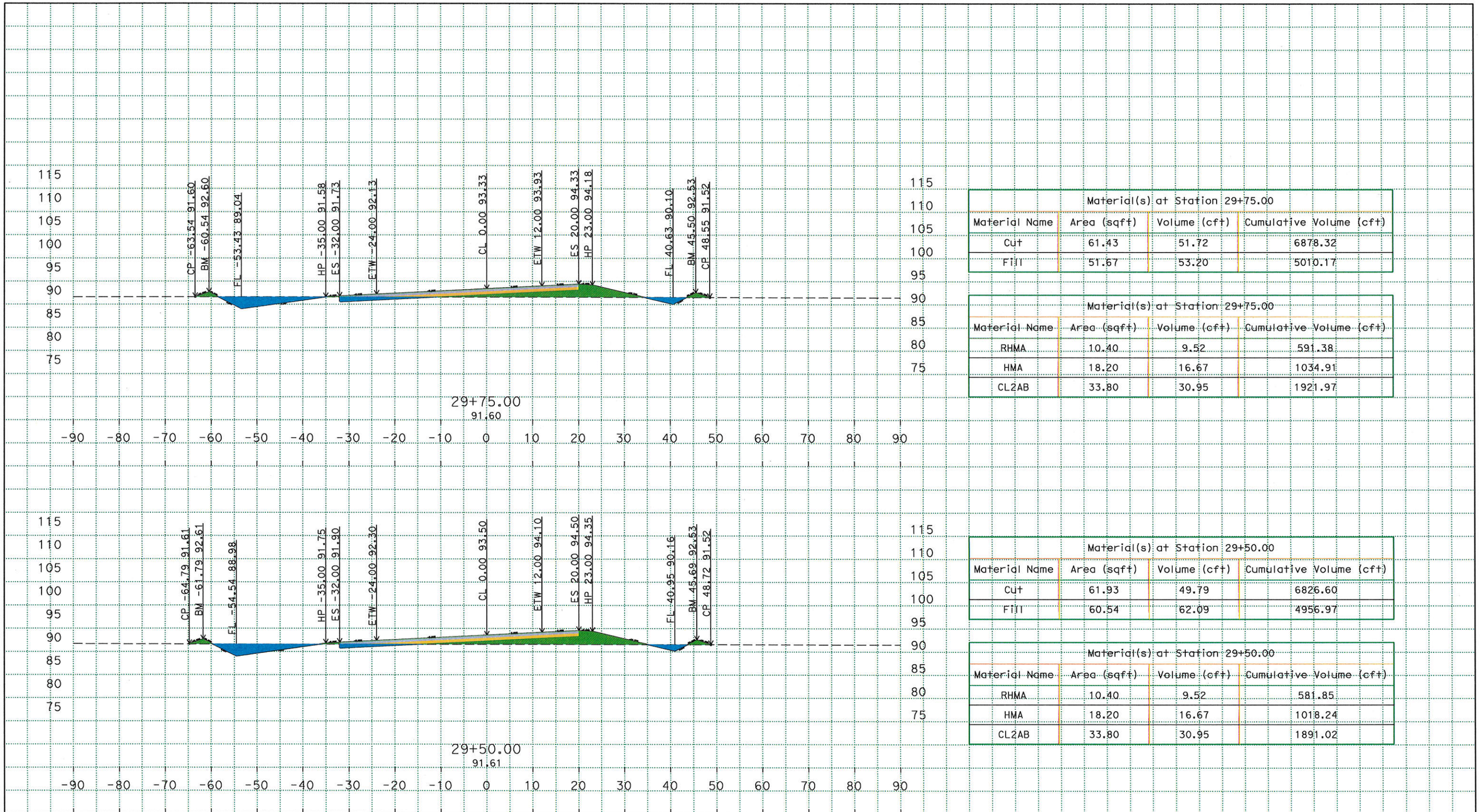

Material(s) at Station 29+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	61.43	51.72	6878.32
Fill	51.67	53.20	5010.17

Material(s) at Station 29+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	591.38
HMA	18.20	16.67	1034.91
CL2AB	33.80	30.95	1921.97

Material(s) at Station 29+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	61.93	49.79	6826.60
Fill	60.54	62.09	4956.97

Material(s) at Station 29+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	581.85
HMA	18.20	16.67	1018.24
CL2AB	33.80	30.95	1891.02

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PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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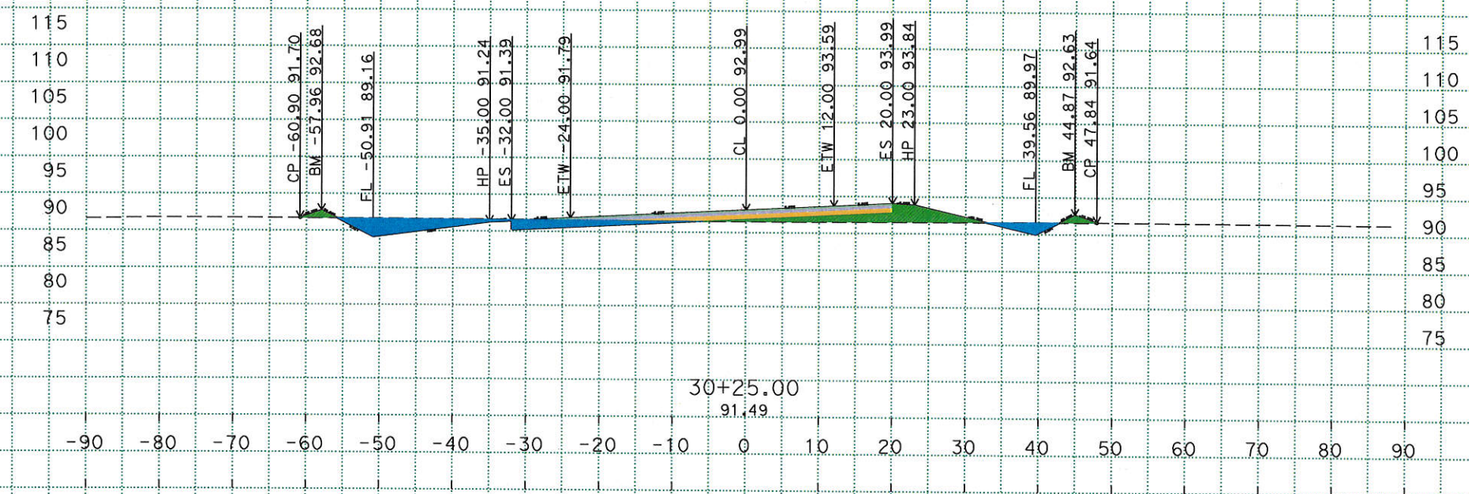
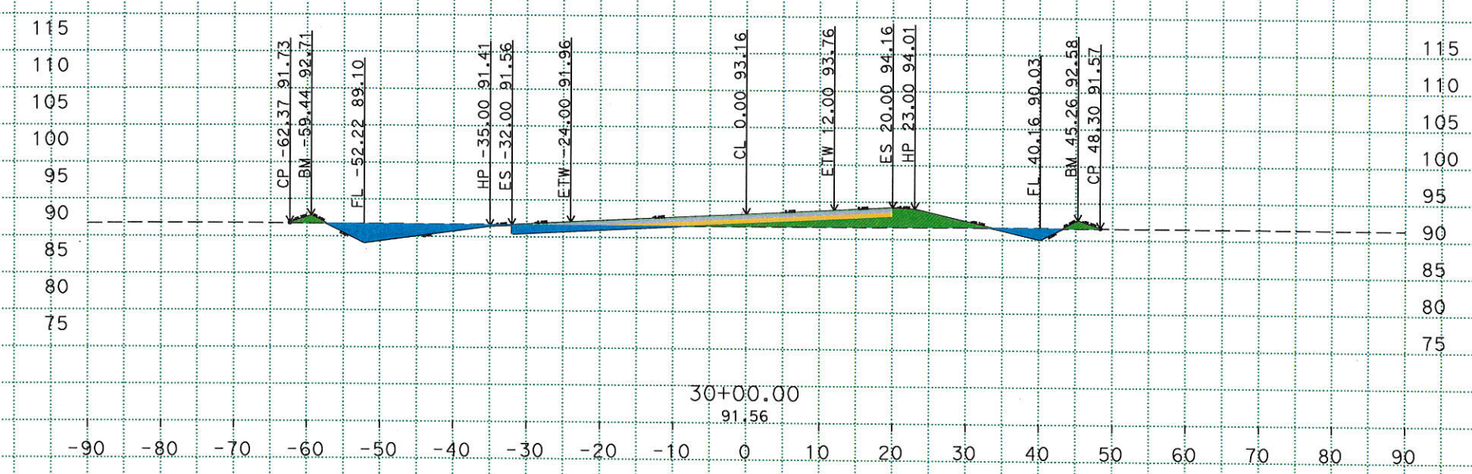


Material(s) at Station 30+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	75.74	61.65	6995.40
Fill	39.64	40.13	5096.09

Material(s) at Station 30+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	610.43
HMA	18.20	16.67	1068.24
CL2AB	33.80	30.95	1983.88



Material(s) at Station 30+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	69.60	55.43	6933.75
Fill	44.77	45.80	5055.97

Material(s) at Station 30+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	600.90
HMA	18.20	16.67	1051.58
CL2AB	33.80	30.95	1952.93

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A1_XSec_TEMP_X_C3D_DWG.dwg - 21-Mar-16 2:40 PM

PLOTTED DATE: 23-MAR-2016

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

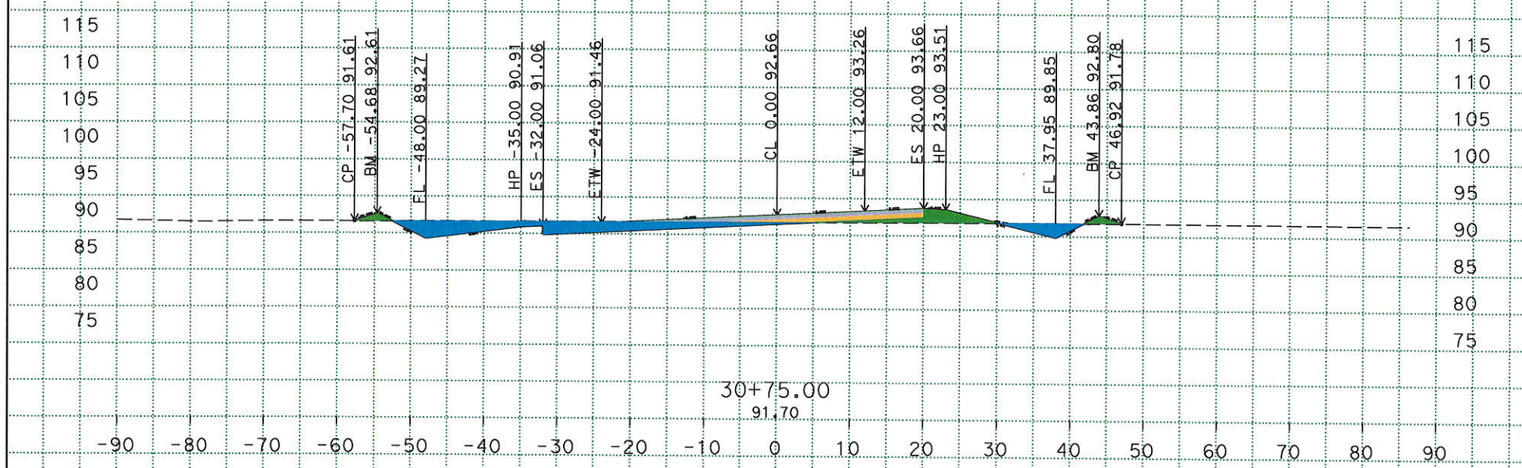
CREATED BY: s128330

CONTRACT: 10-0Q290
DIST/CO/RTE/PM: 10/MER/165/29.8/30.3
PROJECT ID: 1000000201

ALIGNMENT "A1"
CROSS SECTIONS

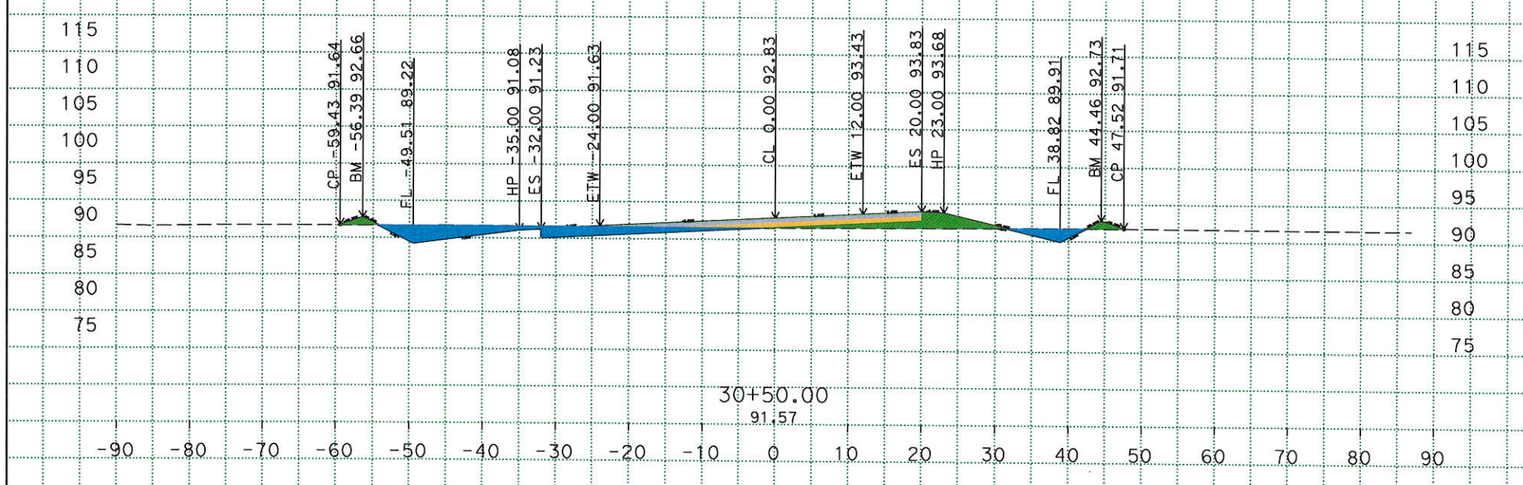
FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 30+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	106.73	82.81	7148.08
Fill	21.66	24.87	5154.39

Material(s) at Station 30+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	629.47
HMA	18.20	16.67	1101.58
CL2AB	33.80	30.95	2045.79



Material(s) at Station 30+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	89.19	69.87	7065.27
Fill	30.63	33.43	5129.52

Material(s) at Station 30+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	619.95
HMA	18.20	16.67	1084.91
CL2AB	33.80	30.95	2014.84

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PLOTTED DATE: 24-MAR-2016

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

CREATED BY: s128330

CONTRACT: 10-0Q290

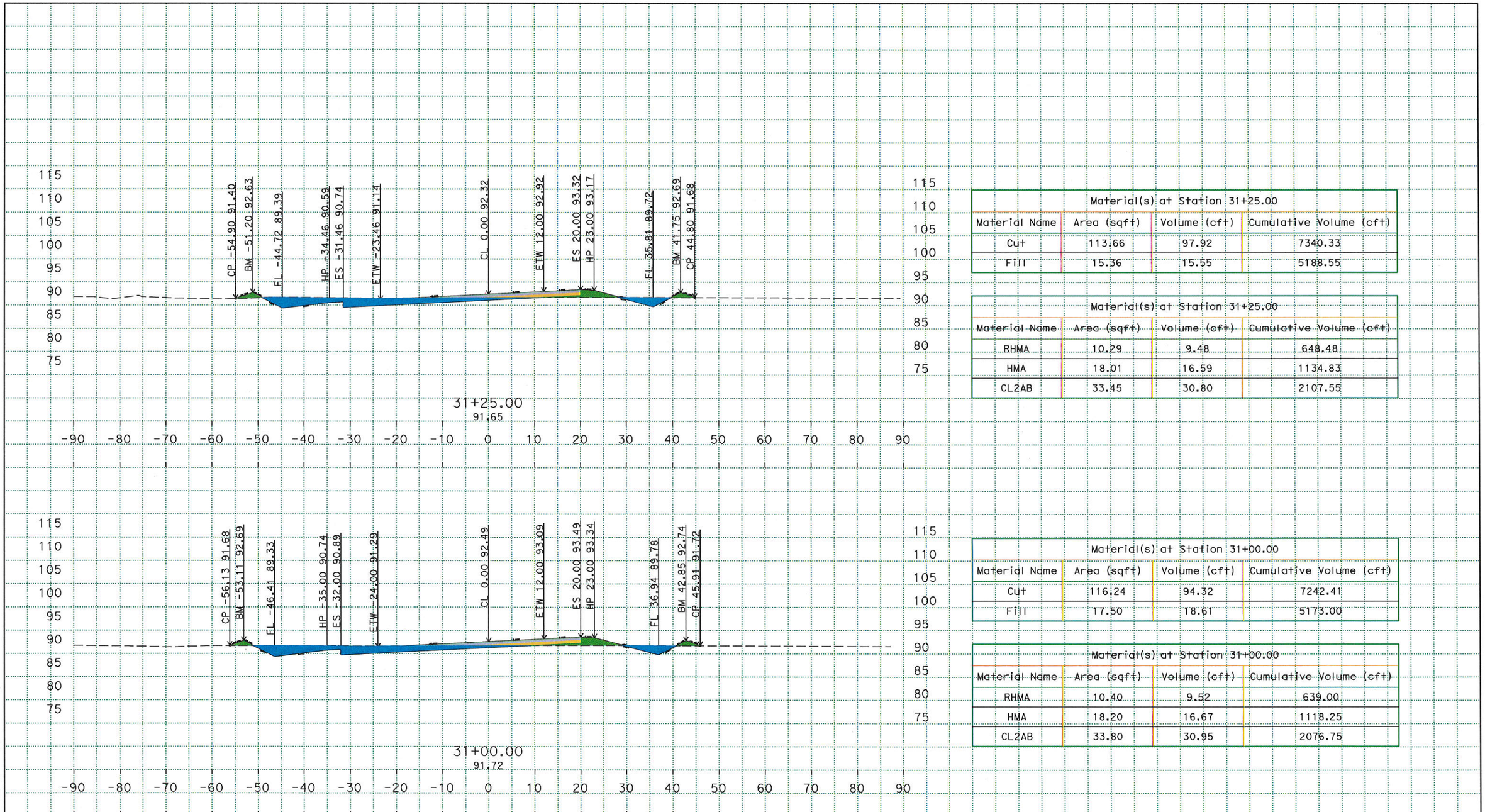
DIST/CO/RTE/PM: 10/MER/165/29.8/30.3

PROJECT ID: 1000000201

ALIGNMENT "A1"
CROSS SECTIONS

FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 31+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	113.66	97.92	7340.33
Fill	15.36	15.55	5188.55

Material(s) at Station 31+25.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.29	9.48	648.48
HMA	18.01	16.59	1134.83
CL2AB	33.45	30.80	2107.55

Material(s) at Station 31+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	116.24	94.32	7242.41
Fill	17.50	18.61	5173.00

Material(s) at Station 31+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	10.40	9.52	639.00
HMA	18.20	16.67	1118.25
CL2AB	33.80	30.95	2076.75

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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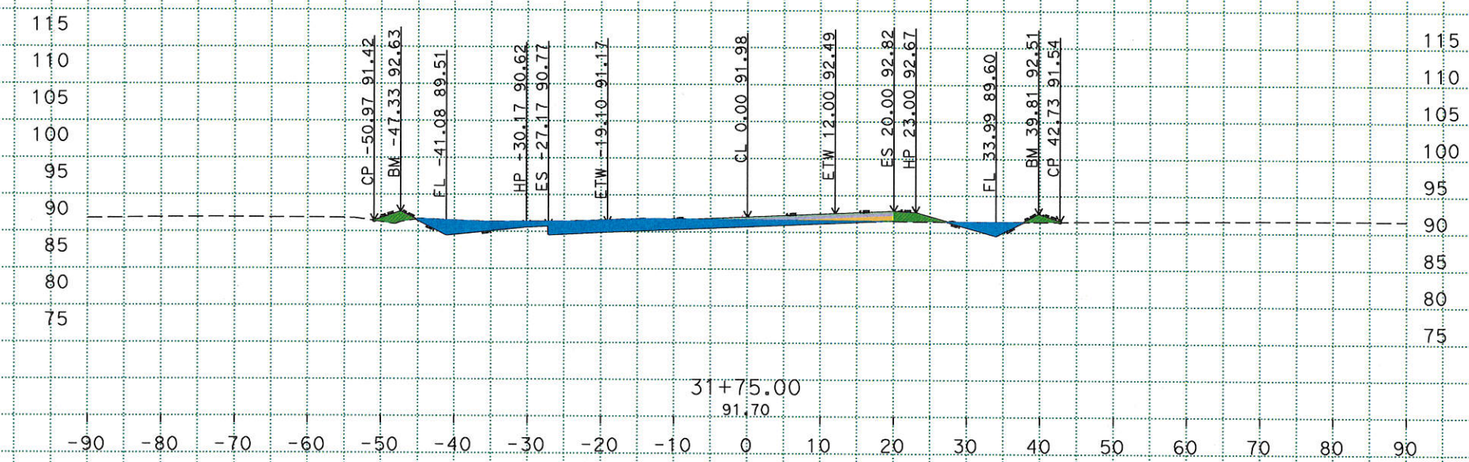
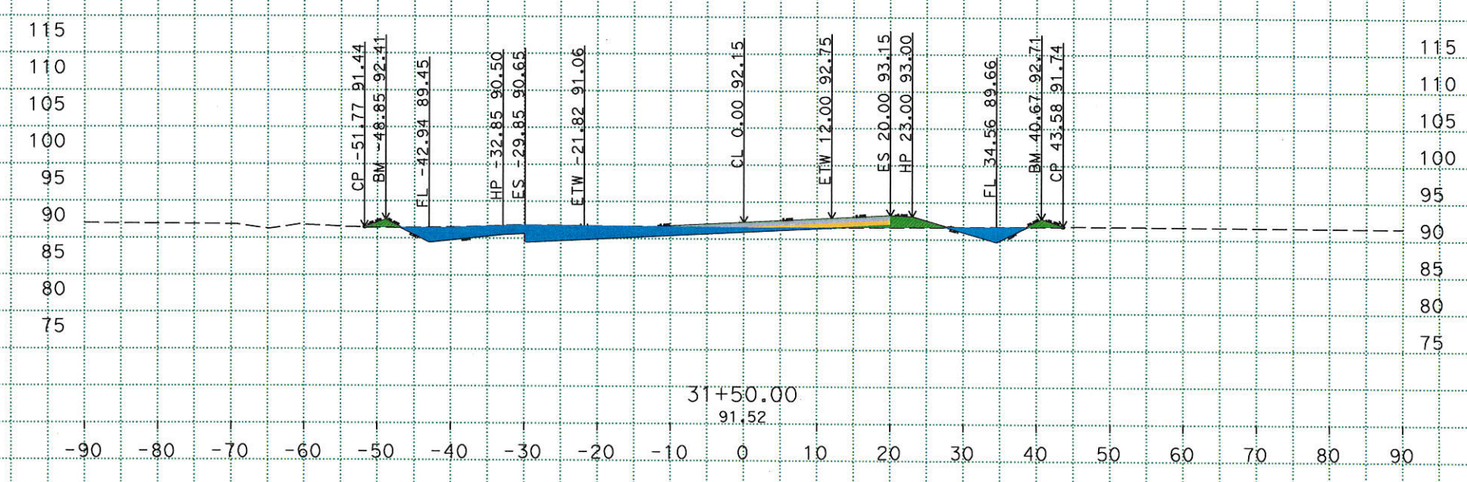
FOR EARTHWORK DEVELOPMENT ONLY

All Dimensions are U.S. Survey Feet



Material(s) at Station 31+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	98.33	90.96	7527.36
Fill	26.97	21.54	5227.71

Material(s) at Station 31+75.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.43	8.91	666.68
HMA	16.51	15.60	1166.69
CL2AB	30.66	28.97	2166.71



Material(s) at Station 31+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	108.76	96.06	7436.39
Fill	24.73	17.63	5206.17

Material(s) at Station 31+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.97	9.29	657.77
HMA	17.45	16.26	1151.09
CL2AB	32.40	30.19	2137.74

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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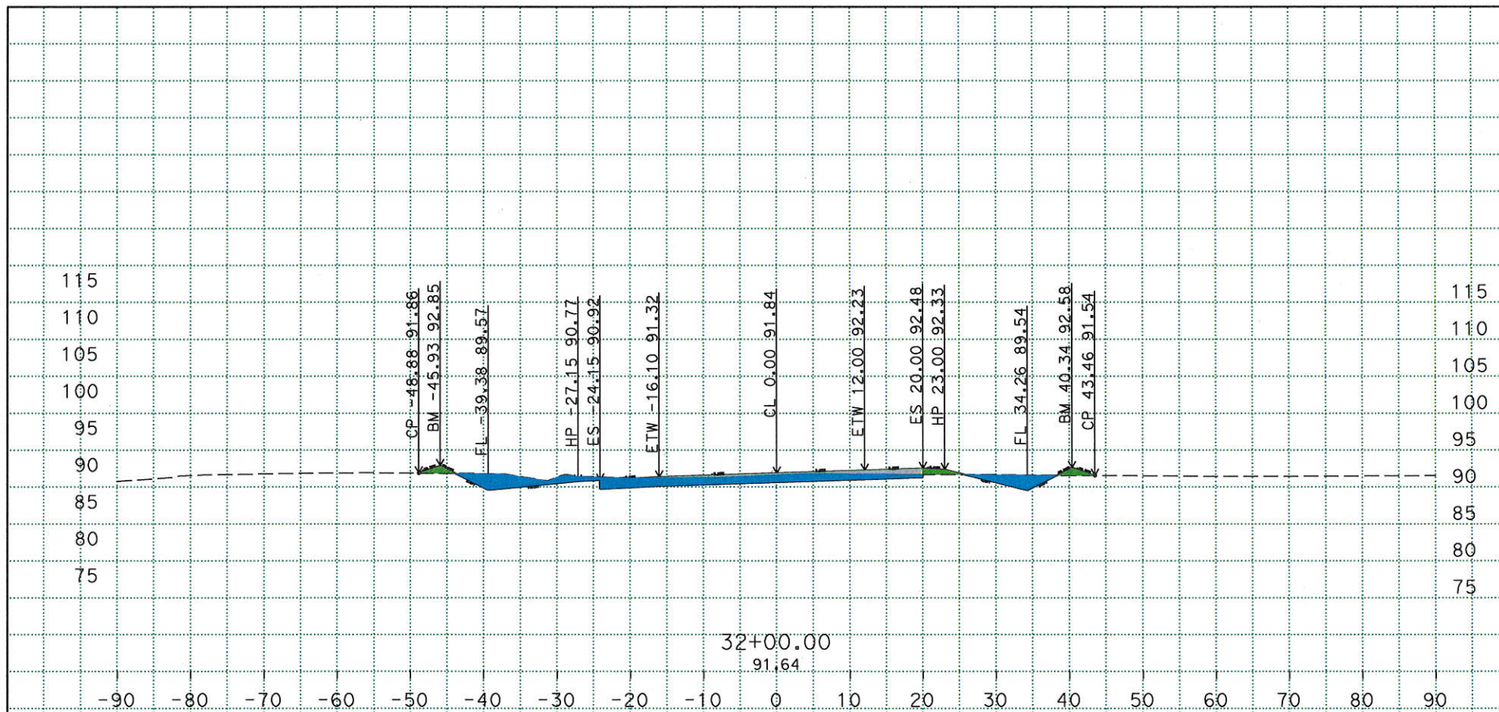
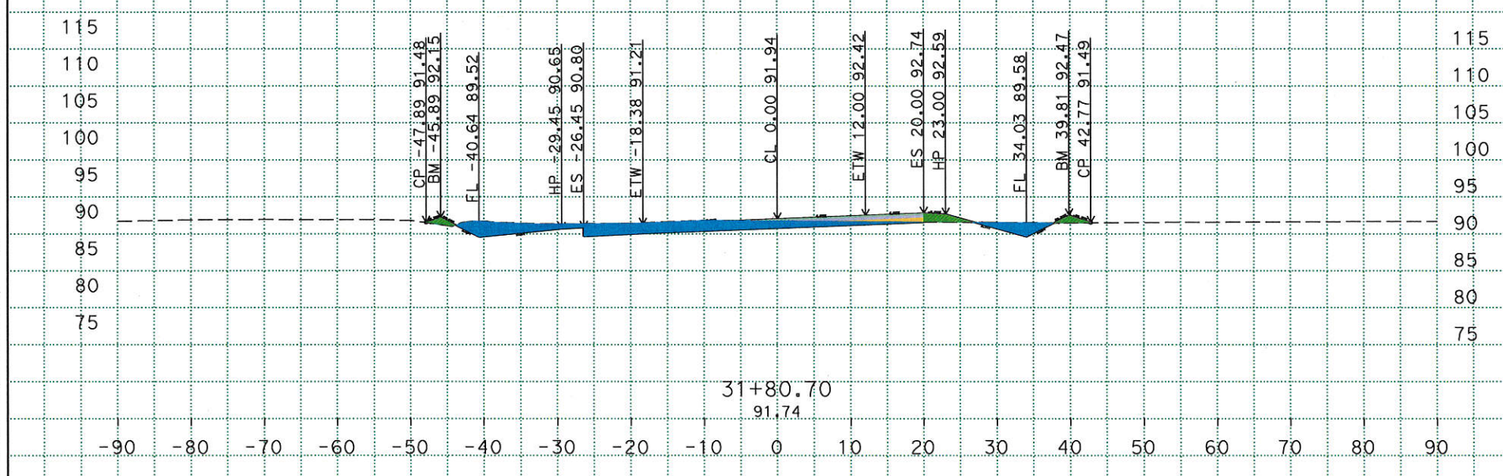
All Dimensions are U.S. Survey Feet



Material(s) at Station 32+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	86.05	65.26	7612.35
Fill	20.24	15.65	5248.12

Material(s) at Station 32+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	8.83	6.48	675.12
HMA	15.45	11.33	1181.46
CL2AB	28.70	21.05	2194.14



Material(s) at Station 31+80.70			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	96.55	19.73	7547.09
Fill	23.55	4.76	5232.47

Material(s) at Station 31+80.70			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	9.29	1.96	668.64
HMA	16.26	3.44	1170.13
CL2AB	30.20	6.38	2173.09

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PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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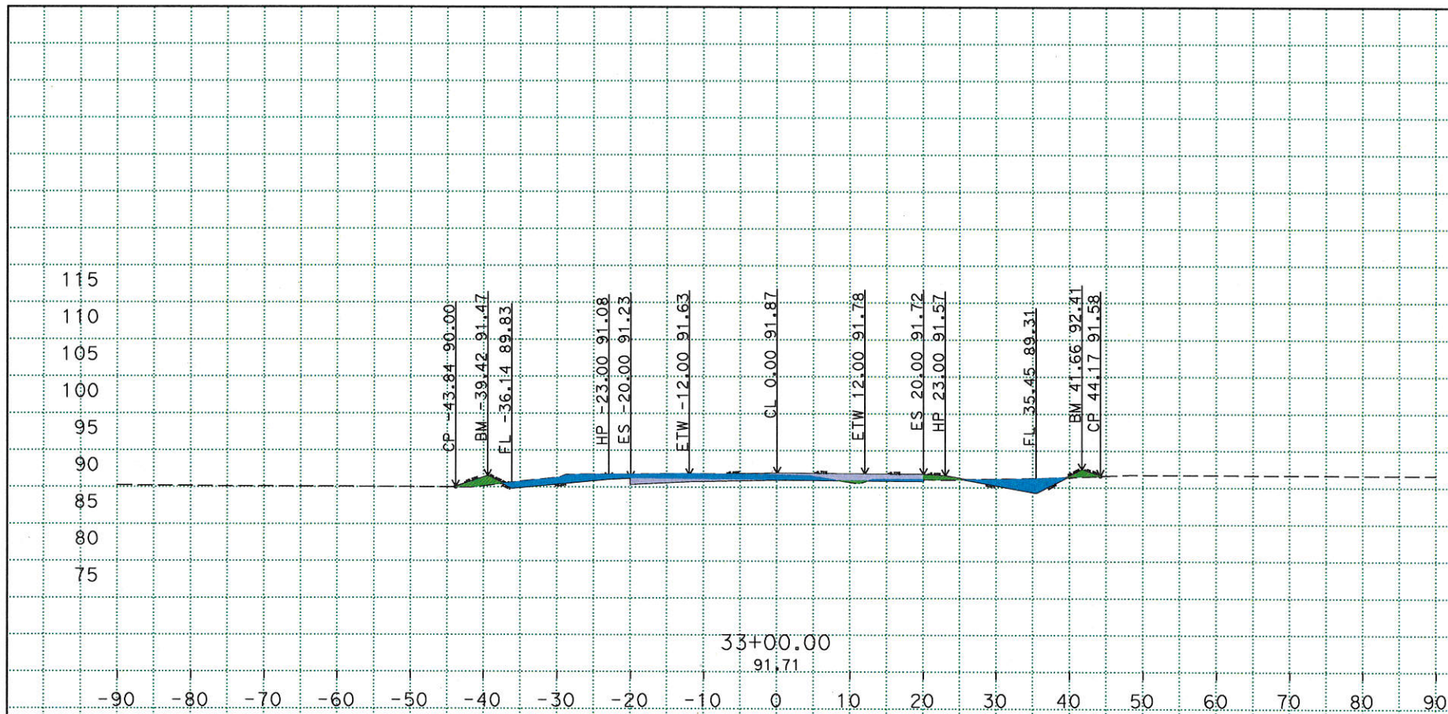
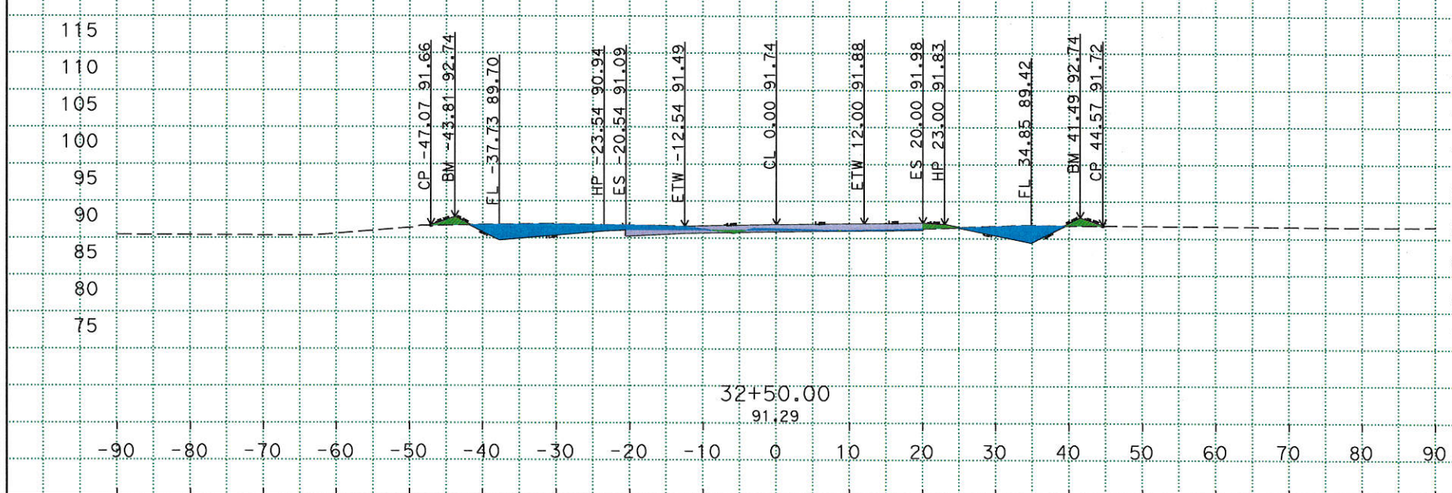


Material(s) at Station 33+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	46.05	94.05	7837.49
Fill	68.42	84.21	5371.94

Material(s) at Station 33+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	0.00	0.00	683.30
HMA	34.00	63.39	1291.07
CL2AB	0.00	0.00	2220.71



Material(s) at Station 32+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	55.52	131.09	7743.44
Fill	22.53	39.60	5287.72

Material(s) at Station 32+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	0.00	8.18	683.30
HMA	34.46	46.22	1227.68
CL2AB	0.00	26.57	2220.71

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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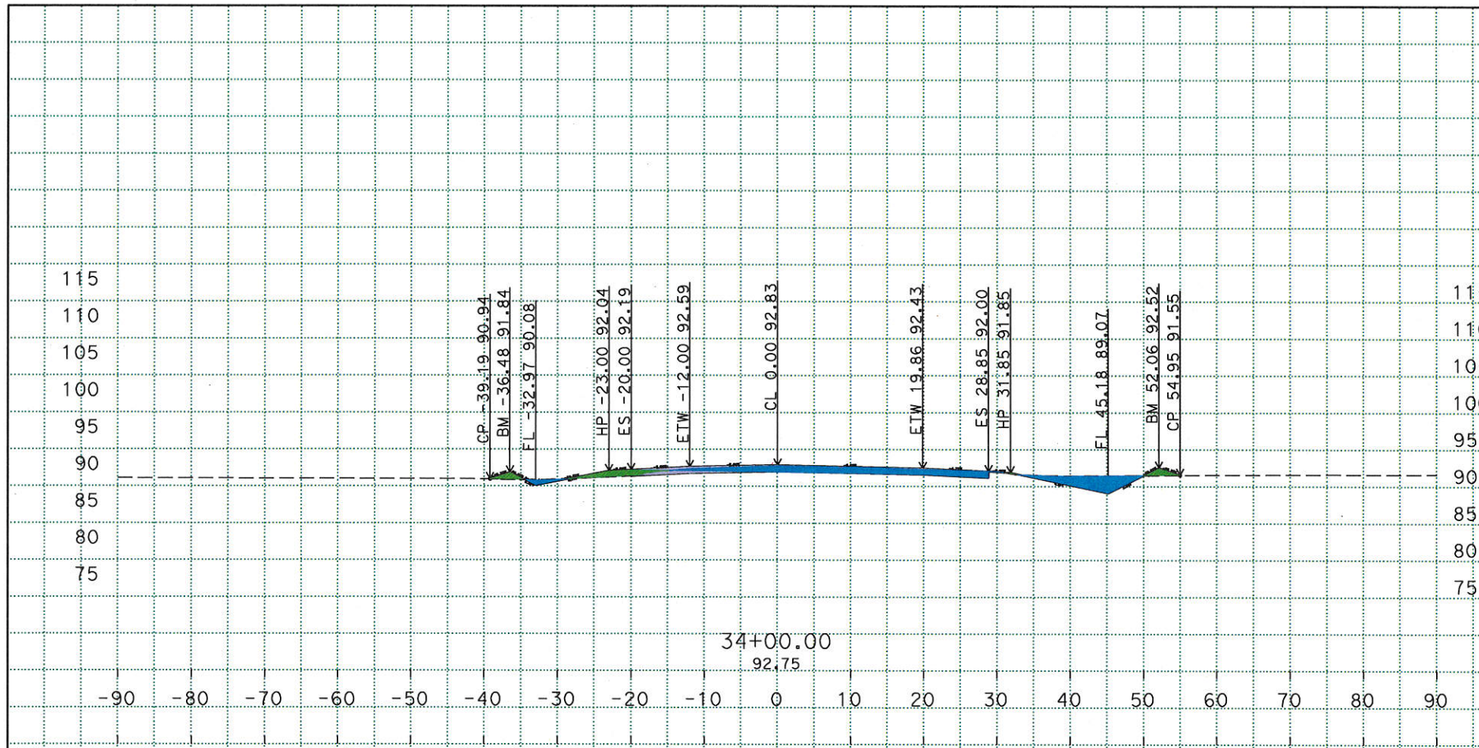
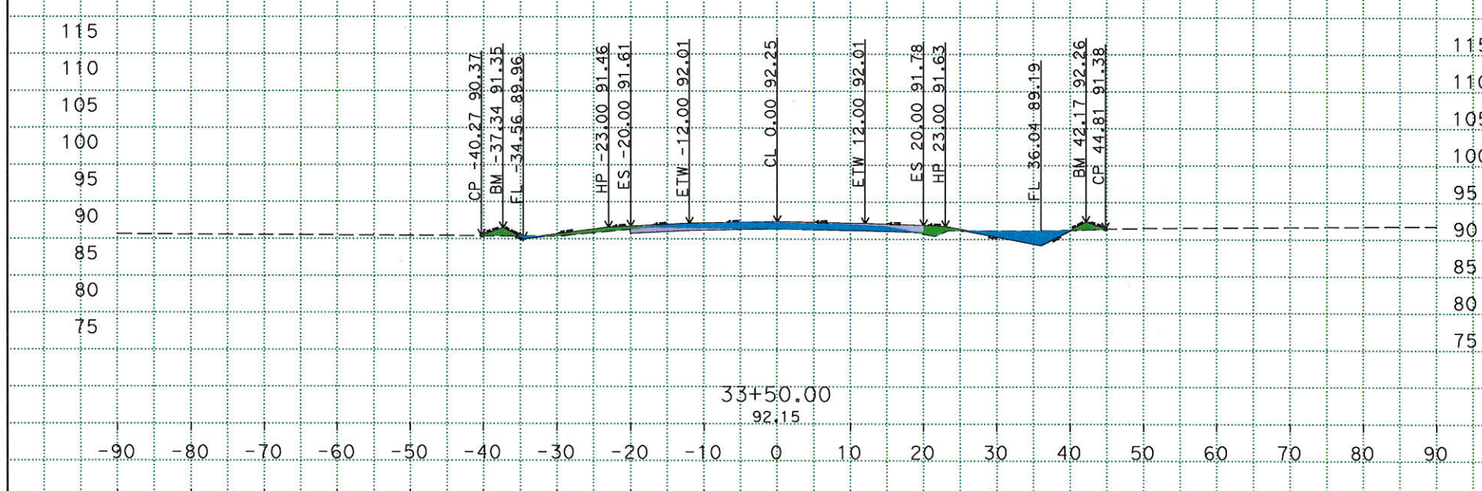
All Dimensions are U.S. Survey Feet



Material(s) at Station 34+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	54.59	86.25	8002.07
Fill	25.48	81.78	5575.26

Material(s) at Station 34+00.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	0.00	0.00	683.30
HMA	41.52	69.93	1423.96
CL2AB	0.00	0.00	2220.71



Material(s) at Station 33+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	38.55	78.34	7915.83
Fill	62.85	121.54	5493.48

Material(s) at Station 33+50.00			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	0.00	0.00	683.30
HMA	34.000	62.96	1354.03
CL2AB	0.00	0.00	2220.71

PLOTTED DATE: 23-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 "A1"
CROSS SECTIONS

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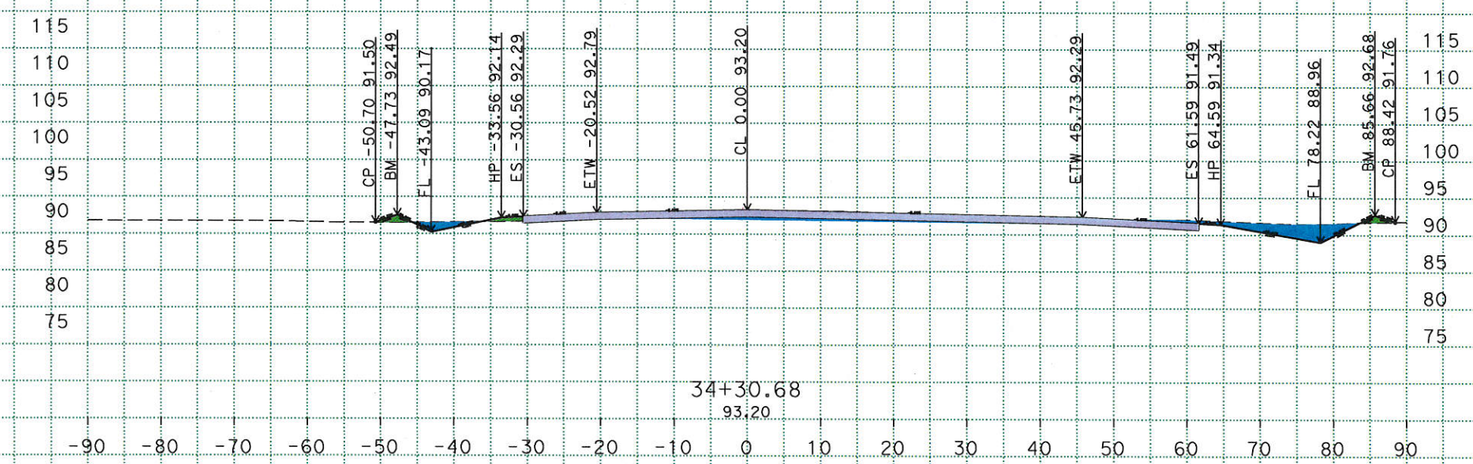

Material(s) at Station 34+30.68			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
Cut	115.87	96.85	8098.92
Fill	8.47	19.29	5594.55

Material(s) at Station 34+30.68			
Material Name	Area (sqft)	Volume (cft)	Cumulative Volume (cft)
RHMA	0.00	0.00	683.30
HMA	78.32	68.09	1492.04
CL2AB	0.00	0.00	2220.71

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PLOTTED DATE: 23-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 "A1"

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