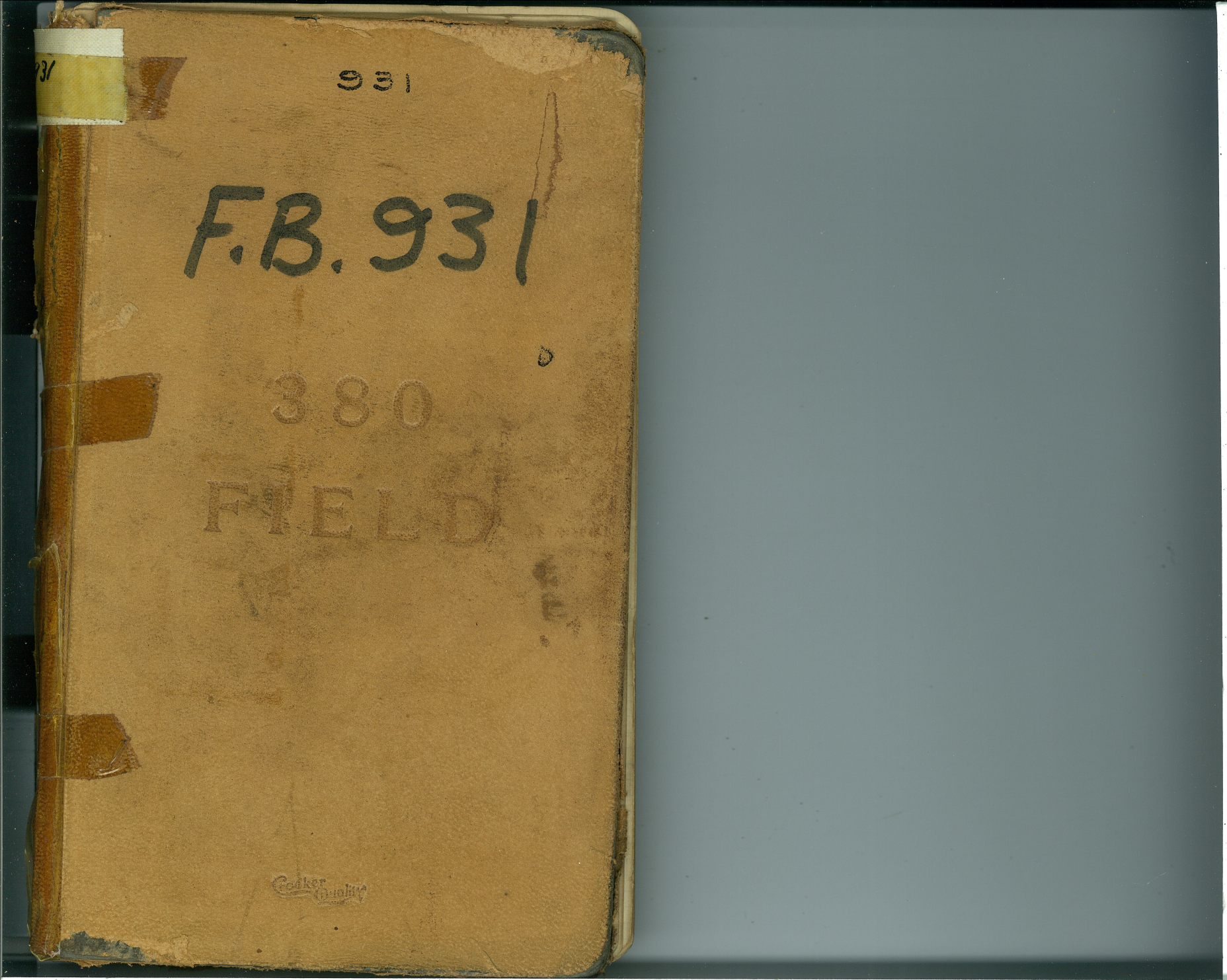

931
F.B. 931
380
FIELD
Cooker Quality

Solar Observation

Inst at Sta 125+77.48
Foresight Sta 126+78.27
Upper Right Quadrant used

11/26/13

Time	Azmuth to Right of F.S.	Vertical angle
10:38	44°29'	34°07'
10:39	44°48'	34°12'
10:41	45°05'	34°15'
10:42	45°18'	34°18'

Lat 32° 57'

Inst at Sta 405+91.52
Foresight Sta 400+00
Upper Right Quadrant used

12/24/13

Time	Azmuth to L. of Foresight	Vertical Angle
9:36	27°22'	25°05'
9:37	27°09'	25°13'
9:38	26°56'	25°19'
9:39	26°46'	25°25'
9:40	26°37'	25°29'

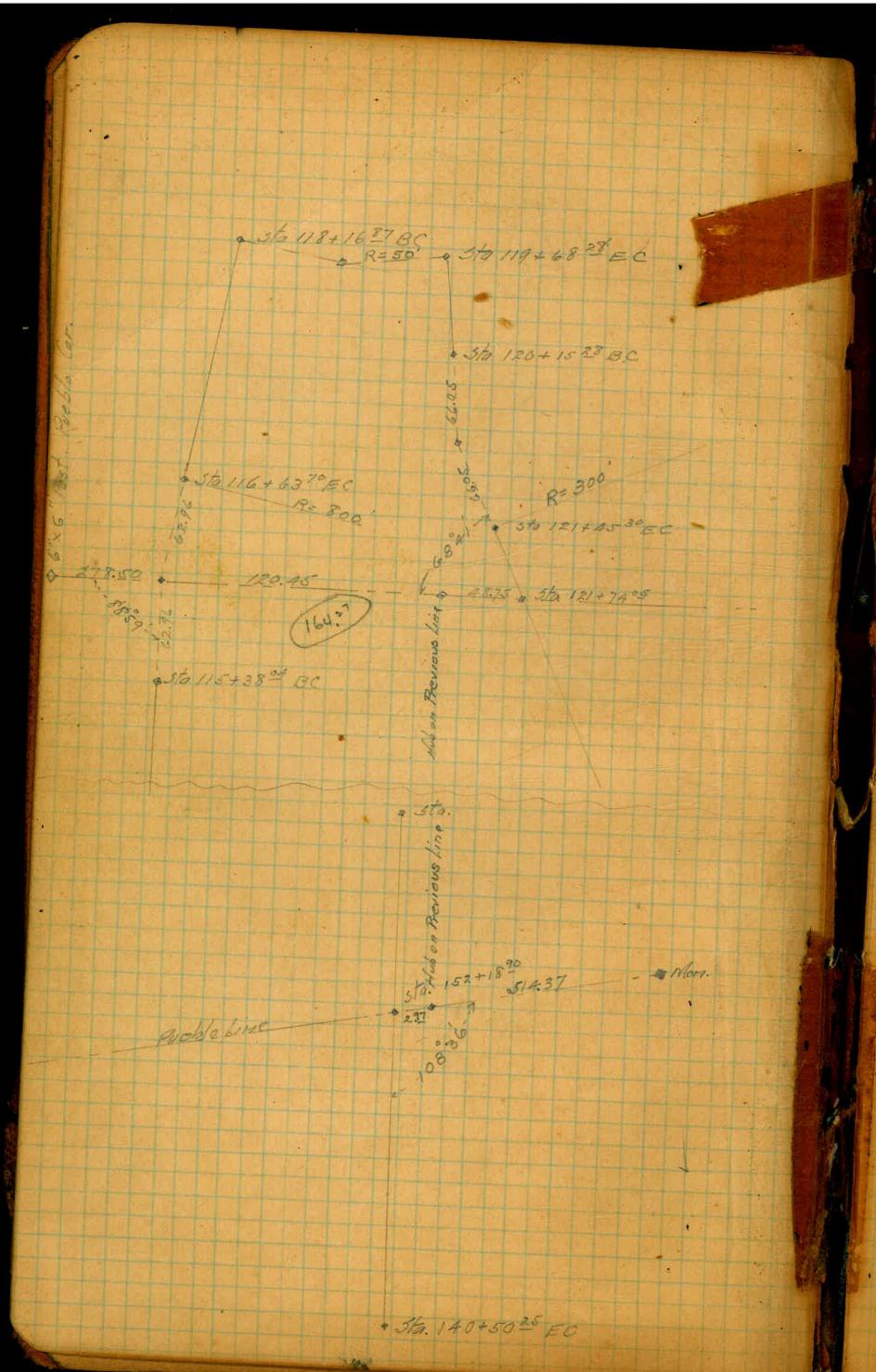
Lat 32° 56'

Inst at Sta 11+62.75 = C
Foresight Sta 14+60.38
Upper Right Quadrant used

12/31/13

Time	Azmuth to R. of Foresight	Vertical Angle
11:24	79°59'30"	33°40'
11:25	80°05'30"	33°41'
11:26	80°36'	33°42'
11:27	80°39'30"	33°43'

Lat 32° 57'



Curve Alignment North of La Jolla

#15. Δ = 48°22' R
R = 150
St = 67.86
BC = 103+86.30
EC = 105+12.92

#16. Δ = 114°50' L
R = 50
St = 78.23
BC = 106+99.18
EC = 107+99.40

#17. Δ = 40°00' R
R = 175
St = 68.70
BC = 108+52.46
EC = 109+74.63

#18. Δ = 56°00' R
R = 175
St = 93.05
BC = 111+73.50
EC = 113+44.34

#19. Δ = 40°30' L
R = 120
St = 44.27
BC = 113+99.07
EC = 114+83.82

#20. Δ = 9°00' R
R = 800
St = 62.96
BC = 115+38.04
EC = 116+63.70

#21. Δ = 173°30' R
R = 50
T = 88.05 880.53
BC = 118+16.87
EC 119+68.28

#22. Δ = 24°50' L
R = 300
St = 66.05
BC = 120+15.28
EC = 121+45.30

#23 Δ = 40°30' L
R = 150
St = 55.33
L = 106.03
BC 124+71.75
EC 125+77.48

#24 Δ = 38°20' R
R = 225
St = 78.20
L = 150.53
BC 126+75.27
EC 128+28.70

#25 Δ = 18°58' R
R = 300
St = 50.11
L = 99.31
BC 128+99.56
EC 129+98.87

#26 Δ = 37°59' L
R = 300
St = 103.25
L = 198.88
BC 130+39.85
EC 132+38.73

#27 Δ = 10°30' L
R = 1400
St = 132.75
L = 264.70
BC 133+70.40
EC 136+35.10

#28 Δ = 105°02' L
R = 190
St = 261.67
L = 358.25
BC 136+92.02
EC 140+50.27

#29 Δ = 18°32' L
R = 600'
St = 97.90
L = 194.08
BC 159+08.50
EC 161+02.58

#30 Δ = 20°00' L
R = 600'
St = 105.80
L = 209.44
BC 177+91.94
EC 180+01.34

#31 Δ = 22°30' R
R = 800'
St = 159.13
L = 314.16
BC 189+15.80
EC 192+29.96

#32 Δ = 7°44' R
R = 1200
St = 81.11
L = 161.97
BC 202+51.07
EC 204+13.04

#33. Δ = 14°10' L
R = 600'
St = 74.56
L = 148.35
BC 229+56.80
EC 231+05.15

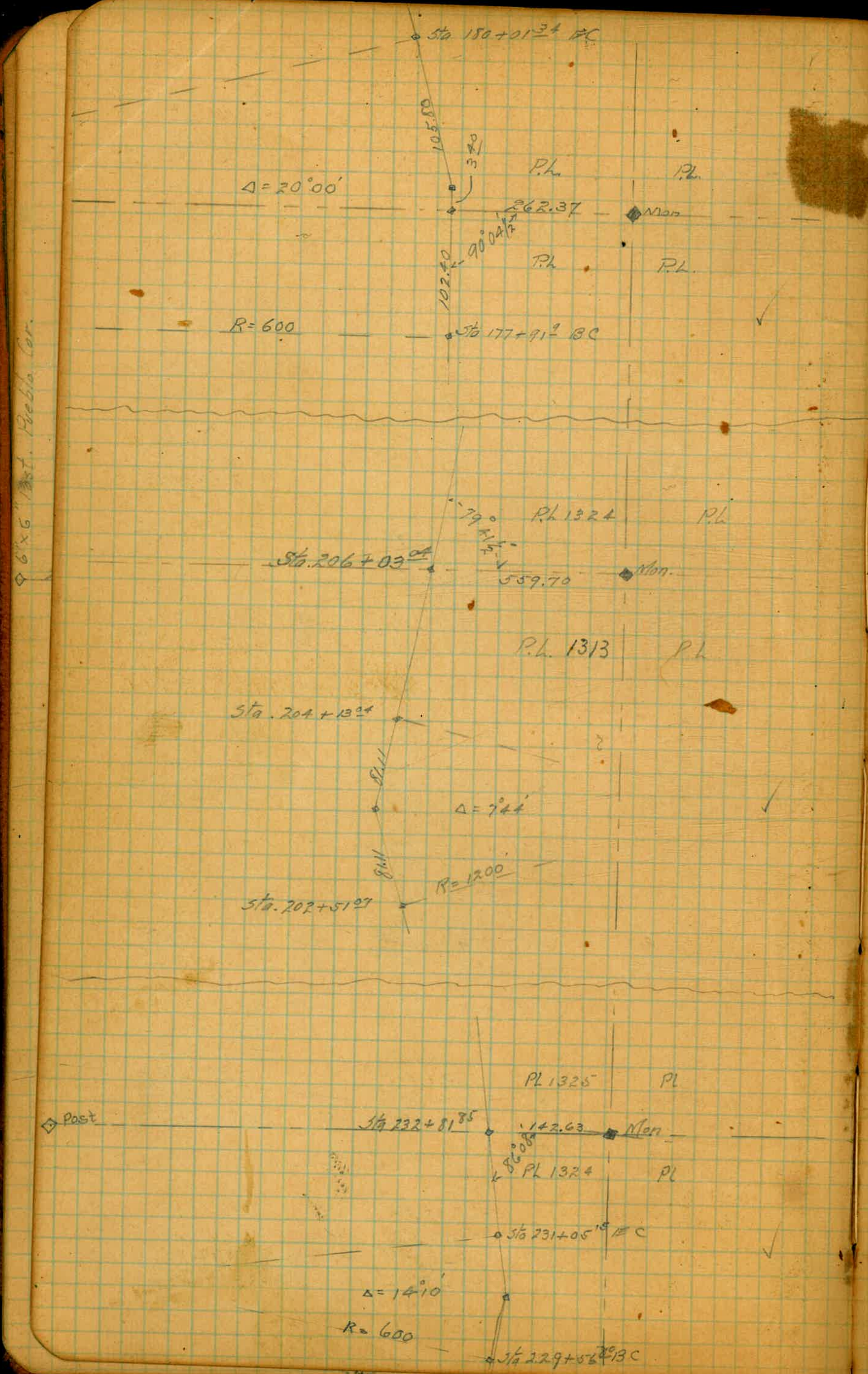
#34. Δ = 11°30' L
R = 1500'
St = 151.04
L = 301.07
BC 237+79.45
EC 240+80.52

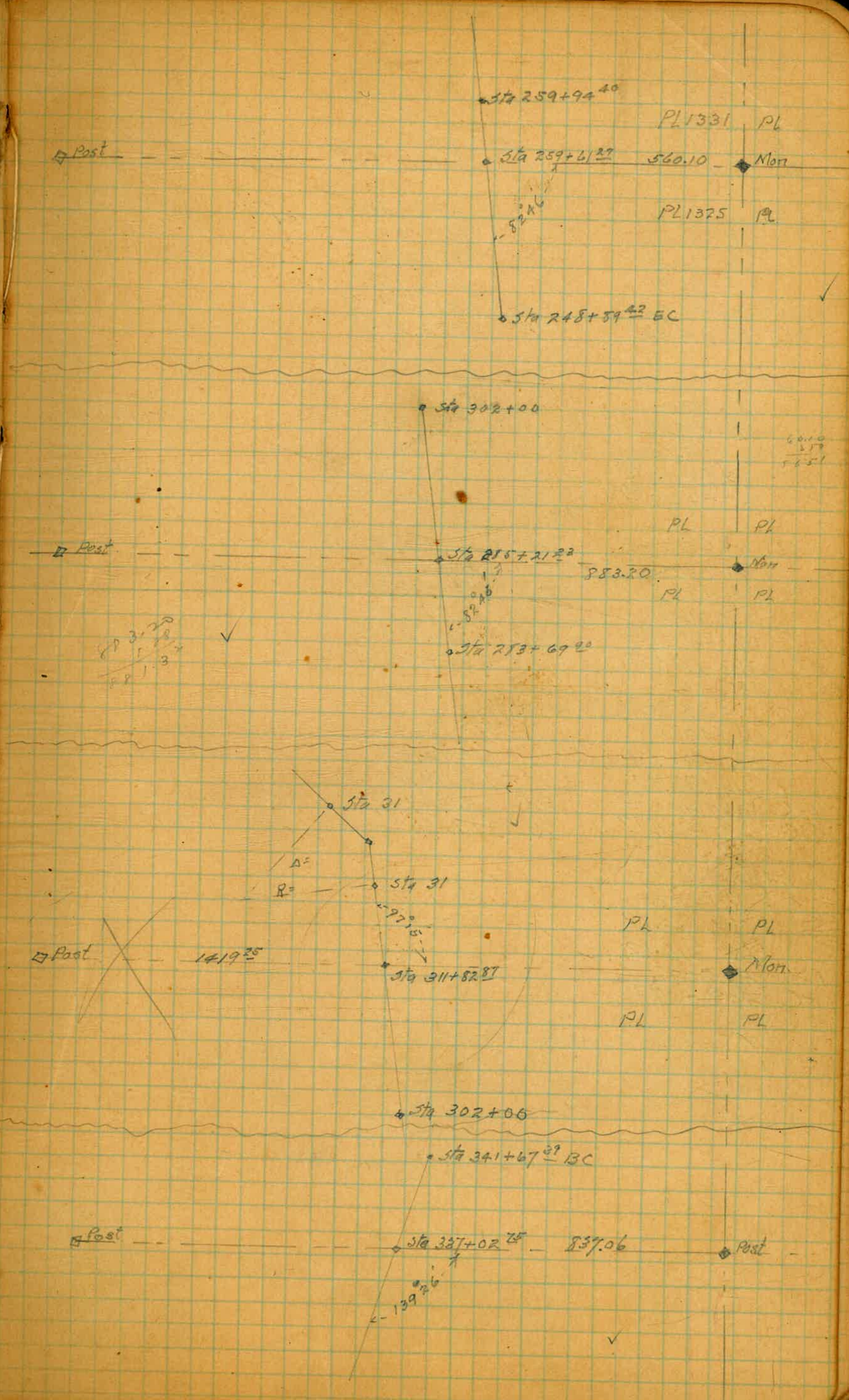
#35. Δ = 8°09½' R
R = 1606
St = 114.12
L = 227.82
BC 246+61.60
EC 248+89.42

#36. Δ = 8°30' L
R = 1200
St = 89.17
L = 187.02
BC 314+90.76
EC 316+68.77

#37 Δ = 54°52' L
R = 200
St = 103.82
L = 191.52
BC 321+95.16
EC 323+86.67

#38. Δ = 30°04' R
R = 225
St = 60.43
L = 118.07
BC 330+70.10
EC 331+88.17


6"x6" Post. Pueblo Cor.
Sta 180+01.34 BC
105.80
3.40
Δ = 20°00'
P.L
P.L.
262.37
Mon
90°04½'
102.40
R = 600
Sta 177+91.2 BC
79°41½'
P.L 1324
P.L
Sta. 206+03.04
559.70
Mon.
P.L 1313
P.L
Sta. 204+13.04
Δ = 7°44'
R = 1200
Sta. 202+51.07
Post
PL 1325
PL
Sta 232+81.85
142.63
Mon
86°08'
PL 1324
PL
Sta 231+05.15 BC
Δ = 14°10'
R = 600
Sta 229+56.30 BC


Sta 259+94.40
PL 1331
PL
Post
Sta 259+61.27
560.10
Mon
82°46'
PL 1325
PL
Sta 248+59.42 BC
Sta 302+00
PL
PL
Post
Sta 285+21.22
883.20
Mon
PL
PL
82°46'
Sta 283+69.20
Sta 31
Δ =
R =
Sta 31
97°15'
PL
PL
Post
1419.25
Mon
Sta 311+82.87
PL
PL
Sta 302+06
Sta 341+67.39 BC
Post
Sta 337+02.65
837.06
Post
139°26'

#39 Δ = 48°00' L
R = 450'
St = 200.35
L = 377.0
BC 341+67.59
EC 345+44.60

#40. Δ = 32°30' R
R = 150'
St = 43.72
L = 85.08
BC 345+91.17
EC 346+76.25

#41 Δ = 11°20' L
R = 500
St = 49.61
L = 98.90
BC 347+67.43
EC 348+66.33

#42 Δ = 40°00' R
R = 100'
St = 36.40
L = 69.81
BC 349+74.18
EC 350+44.00

#43 Δ = 38°46' R
R = 100
St = 35.18
L = 67.66
BC 351+51.73
EC 352+19.39

#44. Δ = 46°20' R
R = 100
St = 42.79
L = 80.86
BC 352+67.55
EC 353+48.40

#45 Δ = 4°30' L
R = 100
St = 39.22
L = 74.76
BC 354+50.85
EC 355+25.60

#46. Δ = 84°00' R
R = 70'
St = 62.04
L = 102.62
BC 355+72.45
EC 356+75.07

#47 Δ = 171°30' L
R = 50
T = 672.83
L = 149.66
BC 358+16.90
EC 359+66.56

#48 Δ = 43°20' R
R = 300
St 119.18
L 226.90
BC 361+42.92
EC 363+69.83

#49. Δ = 25°00' L
R = 200'
St = 44.34
L = 87.27
BC 364+42.30
EC 365+29.57

#50. Δ = 38°36' R
R = 200'
St = 70.04
L = 134.74
BC 365+87.65
EC 366+92.40

#51 Δ = 28°30' L
R = 400'
St = 101.59
L = 198.97
BC 369+47.80
EC 371+46.77

#52. Δ = 86°40' L
R = 80'
St = 74.17
L = 119.61
BC 376+47.20
EC 377+66.81

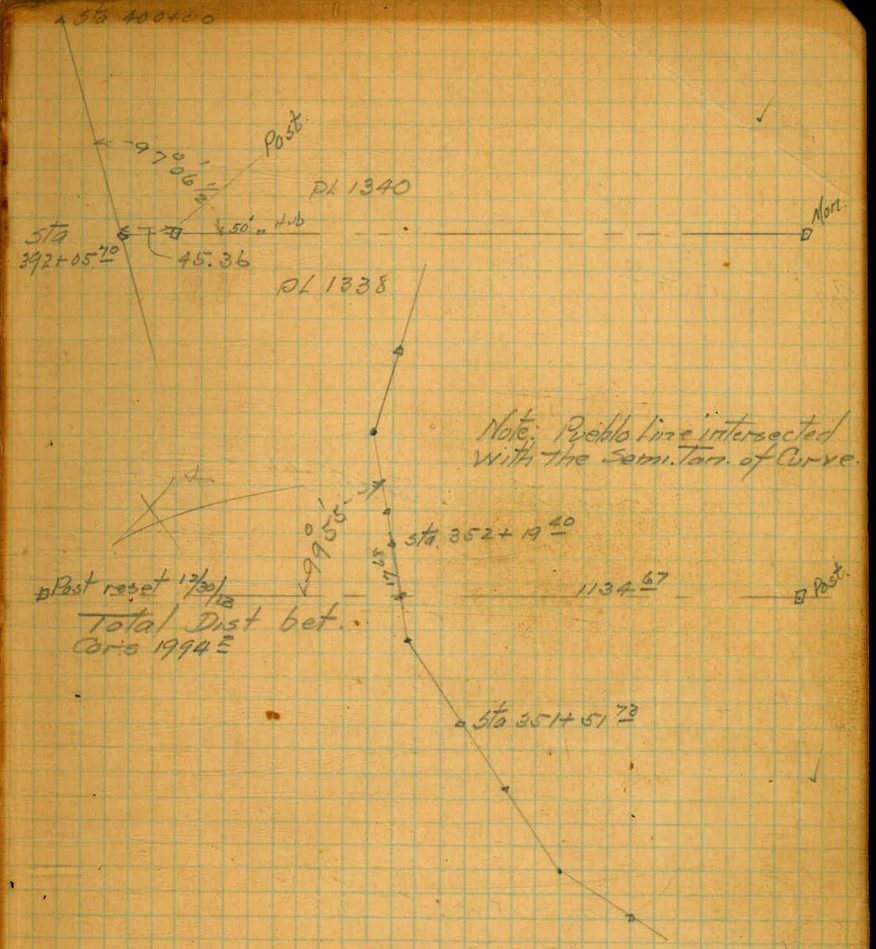
#53. Δ = 122°50' R
R = 125
St = 229.43
L = 267.98
BC 379+31.6
EC 381+99.5

#54. Δ = 40°15' R
R = 450
St = 164.96
L = 316.12
BC 405+91.52
EC 409+07.64

409+06.30
411+03.00
} Ends of Bridge

Angle 18°40' R. at Sta 411+11.4

Alternate curve #37 Δ = 54°52' L
R = 1000
St = 519.09
L = 957.60
BC 317+79.88
EC 327+37.48
= 328+02.40
} Equations

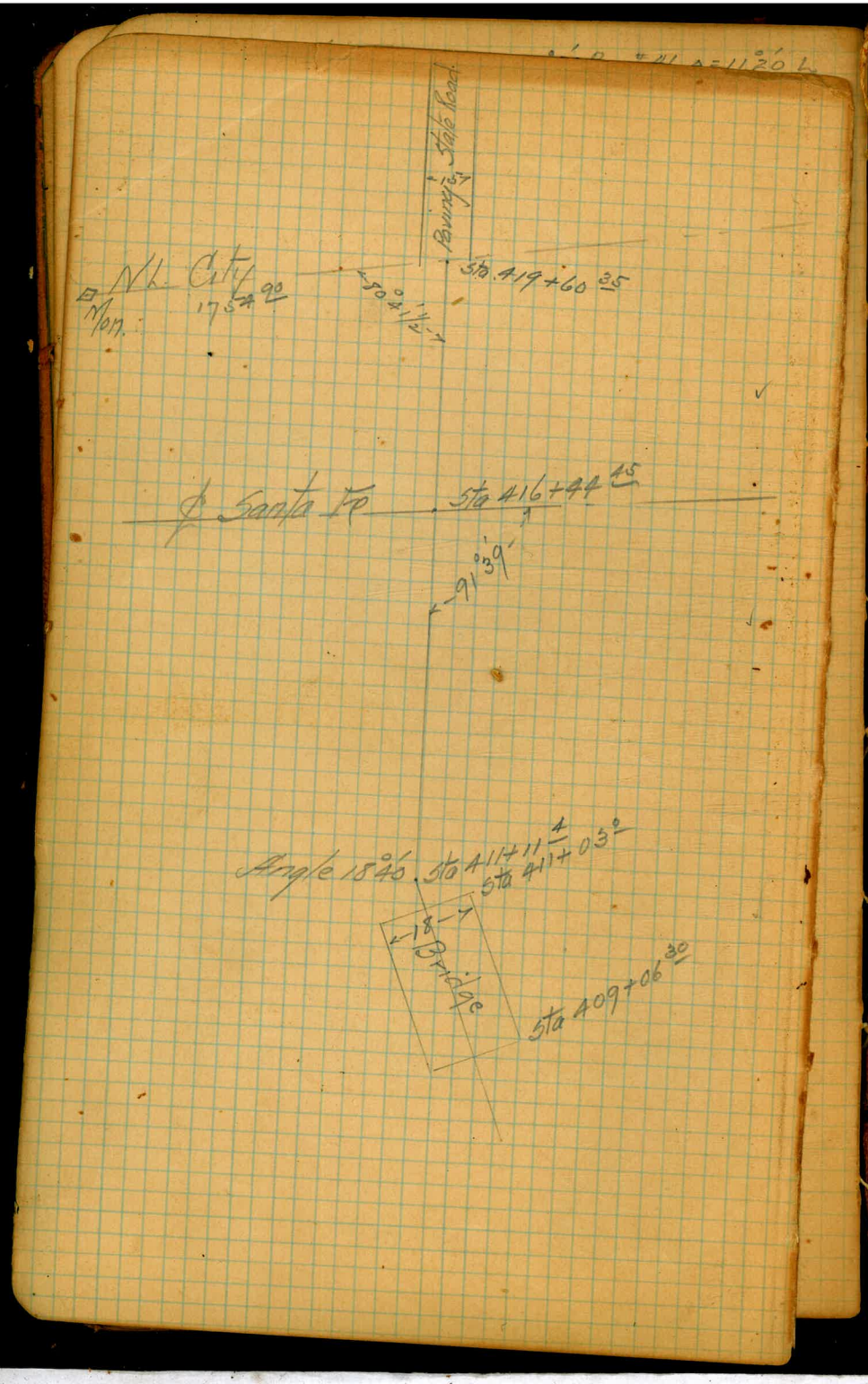


#48 Δ = 42°20' R
R = 300
St = 116.16
L = 221.66
BC 361+08.38
EC 363+30.04

#49 Δ = 23°00' L
R = 200
St = 40.69
L = 80.28
BC 364+22.52
EC 365+02.80

#50 Δ = 38°50' R
R = 200
St = 70.50
L = 135.55
BC 365+43.12
EC 366+78.67

#51 Δ = 29°48' L
R = 200
St = 53.22
L = 104.02
BC 369+29.25
EC 370+33.27 = 370+38.35



		(172.3)		
	12.52	172.26		159.74
		102+50		
12 E			6.4	165.9
11 E			6.6	165.7
9 E			9.1	163.2
C			8.9	163.4
W			9.0	163.3
		103+00		
W			5.7	166.6
C			6.0	166.3
8 E			6.3	166.0
9 E			4.2	168.1
12 E			3.6	168.7
	12.91	182.35°	2.82	169.44
		103+50		
12 E			8.4	174.0
8 E			9.0	173.4
3 E			12.9	169.5
C			12.8	169.6
W			12.2	170.2
		103+86.30 BC 150 R		48°22' R
W			10.1	172.3
C			10.5	171.9
3 E			10.6	171.8
5 E			7.5	174.9
12 E			6.4	176.0

182.4

182.35

104+00

12 E	5.8	176.6
6 E	6.8	175.6
4 E	9.7	172.7
℄	9.8	172.6
W	9.1	173.3

104+25

W	7.2	175.2
℄	8.2	174.2
5 E	8.4	174.0
7 E	4.8	177.6
12 E	3.7	178.7

104+50

12 E	1.9	180.5
8 E	2.6	179.8
6 E	6.5	175.9
℄	6.3	176.1
W	5.3	177.1

104+75

W	3.7	178.7
℄	4.0	178.4
7 E	4.2	178.2
9 E	0.1	182.3
12 E	+0.4	182.8
T.P. (Hub E.) 12.71	194.00 1.06	181.29

194.00

105+00

12 E	8.9	185.1
10 E	9.6	184.4
8 E	13.6	180.4
℄	13.6	180.4
W	13.6	180.4

105+12.92 EC

W	12.7	181.3
℄	12.6	181.4
8 E	12.5	181.5
10 E	8.8	185.2
12 E	7.6	186.4

105+50

12 E	4.1	189.9
10 E	4.9	189.1
8 E	9.8	184.2
℄	9.7	184.3
W	10.1	183.9

106+00

W	6.5	187.5
℄	6.0	188.0
7 E	5.9	188.1
9 E	1.8	192.2
12 E	0.7	193.3
T.P.	2.08	191.92

		193.50		
TP	1221	~~194.50~~		181.29
TP BC 114°30′ L	8.90	201.63 ~~202.63~~	0.77	192.73 ~~193.73~~
		106+50		
12E			5.6	196.0
10E			6.2	195.4
8E			10.4	191.2
cr			10.7	190.9
W			11.0	190.6
		$106+99^{18}$ BC		
W			9.3	192.3
cr			8.8	192.8
6E			8.2	193.4
8E			4.8	196.8
12E			3.3	198.3
		107+25		
12E			5.8	195.8
10E			7.0	194.6
cr			7.6	194.0
W			8.3	193.3
		107+50		
W			7.6	194.0
cr			6.8	194.8
E			6.1	195.5
		107+75		
E			6.3	195.3
cr			6.9	194.7
W			7.5	194.1

6″×6″ [illegible] Pueblo Cor.

		201.63 ~~202.63~~		
		$107+99^{40}$ EC		
W			6.6	195.0
cr			6.2	195.4
10E			5.6	196.0
12E			4.0	197.6
		$108+52^{[illegible]}$ BC		
12E			+0.2	201.8
9E			4.2	197.4
cr			3.7	197.9
W			3.7	197.9
		108+75		
W			2.0	199.6
cr			2.5	199.1
9E			2.6	199.0
12E			+2.4	204.0
TP	12.20	211.84 ~~212.84~~	12.2	199.64 ~~200.64~~
		109+00		
W			10.4	201.4
cr			10.9	200.9
8E			11.3	200.5
12E			7.1	204.7
		109+25		
12E			5.6	206.2
9E			9.8	202.0
cr			9.4	202.4
W			9.1	202.7

		211.84		
		~~212.84~~		
		109+50		
W			7.6	204.2
Cr			7.7	204.1
10 E			8.2	203.6
12 E			4.8	207.0
		109+74 63 EC		
12 E			4.5	207.3
11 E			6.6	205.2
Cr			6.1	205.7
W			6.0	205.8
		110+00		
W			4.2	207.6
Cr			4.4	207.4
E			5.3	206.5
		110+50		
E			0.7	211.1
Cr			1.2	210.6
W			1.5	210.3
T.P.	12.96	224.44 ~~225.44~~	0.36	211.48 ~~212.48~~
		111+00		
W			10.8	213.6
Cr			10.9	213.5
E			10.7	213.7
		111+50		
E			7.3	217.1
Cr			7.0	217.4
W			6.8	217.6

		224.44		
		~~225.44~~		
		111+73.50 BC		
W			4.0	220.4
Cr			4.6	219.8
E			5.2	219.2
		112+00		
E			2.9	221.5
Cr			2.8	221.6
W			2.3	222.1
		112+25		
W			0.9	223.5
Cr			1.3	223.1
10 E			1.4	223.0
12 E			+2.6	227.0
T.P. on PI Hub 12.62		235.10 ~~236.10~~	1.96	222.48 ~~223.48~~
		112+50		
W			10.2	224.9
Cr			10.6	224.5
8 E			10.8	224.3
10 E			7.4	227.7
12 E			7.1	228.0
		112+75		
12 E			0.6	234.5
10 E			9.3	225.8
Cr			9.2	225.9
W			9.2	225.9

6x6 Post Datum Cor.

		235.10		
		~~236.10~~		
		113+00		
W			7.7	227.4
Cr			7.5	227.6
10E			7.7	227.4
12E			4.6	230.5
		113+25		
12E			2.5	232.6
10E			5.9	229.2
Cr			5.9	229.2
W			6.0	229.1
		113+44.84 EC		
W			4.6	230.5
Cr			4.4	230.7
8E			4.5	230.6
10E			1.1	234.0
12E			0.5	234.6
		113+99 BC		
W			1.7	233.4
Cr			1.1	234.0
10E			0.9	234.2
12E			+3.2	238.3
T.P.	13.12	248.15	0.07	235.03
		~~249.15~~		~~236.03~~
		114+25		
E			11.9	236.2
Cr.			12.5	235.6
W			13.1	235.0

		248.15		
		~~249.15~~		
		114+50		
W			11.5	236.6
Cr			10.7	237.4
E			10.4	237.7
		114+75		
E			8.9	239.2
Cr			9.1	239.0
W			9.5	238.6
		114+83.82 EC		
W			8.4	239.7
Cr			8.3	239.8
E			8.3	239.8
		115+00		
E			7.2	241.0
Cr			6.9	241.2
W			6.9	241.2
		115+38.04		
W			3.8	244.3
Cr			3.8	244.3
10E			4.1	244.0
12E			0.0	248.1
		115+50		
12E			+1.0	249.1
10E			3.0	245.1
Cr			2.5	245.6
W			2.8	245.3
T.P.	12.94	260.45	0.64	247.51
		~~261.43~~		~~248.49~~

260.45
~~261.43~~

116+00

W	11.0	249.4
CL	10.8	249.6
10 E	11.0	249.4
12 E	7.6	252.8
116+50		
E	7.9	252.5
CL	7.7	252.7
W	8.0	252.4
116+62 20 EC		
20 W	10.1	250.3
12 W	8.1	252.3
10 W	6.9	253.5
CL	6.9	253.5
E	7.0	253.4
117+00		
E	4.3	256.1
CL	4.7	255.7
5 W	6.6	253.8
12 W	7.9	252.5
22 W	9.5	250.9
117+20		
22 W	10.3	250.1
12 W	8.4	252.0
CL	6.3	254.1
6 E	3.6	256.8
12 E	3.4	257.0

260.45
~~261.43~~

117+50

12 E	2.4	258.0
5 E	6.0	254.4
CL	7.0	253.4
12 W	9.8	250.6
30 W	12.7	247.7
118+00		
30 W	10.8	249.6
12 W	8.0	252.4
CL	5.5	255.0
10 E	0.4	260.0
12 E	0.3	260.1
118+16 87 BC		
12 E	0.0	260.4
7 E	0.1	260.3
CL	4.3	256.1
12 W	6.5	254.0
30 W	9.0	251.4
118+25		
30 W	7.8	252.6
12 W	5.7	254.7
3 W	4.5	256.0
CL	2.6	257.8
7 E	0.0	260.4
12 E	+0.3	260.7
TP on BC Nul. 1146	267.65 ~~268.63~~ 4.26	256.19 ~~257.17~~

		267.65		
		268.63		
		118+50		
E			6.1	261.5
CV			5.9	261.7
7 W			5.9	261.7
12 W			6.7	261.0
20 W			8.7	259.0
		118+75		
12 W			3.7	264.0
CV			4.7	263.0
E			5.1	262.5
		119+00		
E			3.6	264.0
CV			2.5	265.1
W			1.8	266.3
T.P.	12.89	279.62 / 280.60	0.92	266.73 / 267.71
		119+25		
12 W			7.6	272.0
7 W			8.5	271.1
4 W			12.2	267.4
CV			12.7	266.9
12 E			14.0	265.6
		119+50		
12 E			12.9	266.7
8 E			8.5	271.1
CV			6.9	272.7
12 W			4.7	274.9
20 W			2.4	276.2

		279.62		
		280.60		
		119+68 25 SC		
20 W			2.9	276.7
12 W			4.7	274.9
CV			6.9	272.7
12 E			9.2	270.4
16 E			10.1	269.5
		120+15 38 BC		
16 E			9.9	269.7
12 E			8.8	270.8
CV			6.3	273.3
12 W			3.6	276.0
20 W			2.0	277.6
		120+50		
20 W			0.2	279.4
12 W			2.1	277.5
CV			4.2	275.4
12 E			6.1	273.5
16 E			7.7	271.9
		121+00		
20 E			5.3	274.3
12 E			4.0	275.6
CV			2.1	277.5
TP	12.72	287.91 / 288.89	4.43	275.19 / 276.17
12 W			7.5	280.4
20 W			6.2	281.7

6x6 Post Pueblo Cor.

		287.91 ~~288.89~~		
		121+45-30 E L		
20 W			3.9	284.0
12 W			5.3	282.6
cr			7.4	280.5
12 E			10.0	277.9
17 E			10.9	277.0
		122+00		
17 E			7.6	280.3
12 E			5.8	282.1
cr			3.9	284.0
12 W			2.0	285.9
20 W			0.5	287.4
		122+45		
12 E in Road way			9.2	278.7
9 E			5.7	282.2
cr			3.8	284.1
T.P.	8.05	292.93 ~~293.91~~	3.03	284.88 ~~285.86~~
12 W			5.9	287.0
20 W			4.6	288.3
		122+77		
20 W			3.0	289.9
12 W			4.7	288.2
cr			7.7	285.2
3 E			11.5	281.4
12 E			11.2	281.7

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		292.93 ~~293.91~~		
		122+87		
12 E			10.6	282.3
cr			10.8	282.1
4 W			6.7	286.2
12 W			4.9	288.0
20 W			2.8	290.1
		123+00		
20 W			2.7	290.2
17 W			4.8	288.1
7 W			5.6	287.3
4 W			10.1	282.8
cr			9.8	283.1
12 E			10.1	282.8
		123+50		
12 E			7.6	285.3
cr			7.4	285.5
8 W			7.7	285.2
12 W			4.5	288.4
20 W			2.3	290.6
T.P.	12.49	302.02 ~~303.00~~	3.40	289.53 ~~290.51~~
		124+00		
E			13.2	288.8
cr			14.0	288.0
3 W			9.6	292.4
12 W			7.8	294.2
20 W			6.1	295.9

	302.0 W		
	~~303.0~~		
	124+50		
20 W		3.7	298.3
12 W		5.8	296.7
3 W		7.2	294.8
CL		11.4	290.6
E		10.8	291.2
	124+71.45 BC		
E		9.1	292.9
CL		9.7	292.3
3 W		9.3	292.7
5 W		6.1	295.9
12 W		4.4	297.6
20 W		2.8	299.2
	125+00		
17 W		1.9	300.1
12 W		2.7	299.3
9 W		3.4	298.6
7 W		7.6	294.4
CL		7.4	294.6
E		7.1	294.9
	125+25		
E		5.7	296.3
CL		6.2	295.8
10 W		6.2	295.8
12 W		2.6	299.4

	302.0 W		
	~~303.0~~		
	125+50		
W		5.2	296.8
CL		4.8	297.2
E		4.5	297.5
	125+77.48 EC		
E		2.8	299.2
CL		3.2	298.8
W		3.6	298.4
	126+00		
12 W		+2.5	304.5
10 W		1.5	300.5
CL		1.4	300.6
E		1.0	301.0
T.P.	12.95	314.41	301.46
		~~315.39~~ 0.56	~~302.44~~
	126+50		
E		9.9	304.5
CL		9.7	304.7
10 W		10.1	304.3
12 W		8.9	305.5
	126+78.27 BC		
W		8.5	305.9
CL		7.9	306.5
E		8.4	306.0
	127+00		
E		6.6	307.8
CL		6.2	308.2
W		6.2	308.2

	314.41		
	~~315.39~~		
	127+25		
W		4.9	309.5
Cr		4.5	309.9
E		4.7	309.7
	127+50		
E		3.6	310.8
Cr		3.1	311.3
8 W		3.5	310.9
12 W		0.9	313.5
	127+75		
E		2.2	312.2
Cr		1.6	312.8
8 W		2.0	312.4
11 W		+1.6	316.0
12 ~~W~~		+2.0	316.4
T.P.	12.96	327.20 ~~328.18~~ 0.17	314.24 ~~315.22~~
	128+00		
12 W		8.8	318.4
10 W		9.4	317.8
8 W		13.3	313.9
Cr		12.7	314.5
E		13.0	314.2
	128+28 8 EC		
E		11.0	316.2
Cr		11.1	316.1
8 W		11.2	316.0
10 W		7.8	319.4

	327.20		
	~~328.18~~		
12 W		7.6	319.6
	128+50		
12 W		8.6	318.6
8 W		10.5	316.7
Cr		9.9	317.3
E		9.8	317.4
	128+99.56 BC		
E		7.5	319.7
Cr		7.2	320.0
W		7.9	319.3
	129+25		
W		6.1	321.1
Cr		6.0	321.2
E		6.3	320.9
	129+50		
E		5.0	322.2
Cr		4.7	322.5
W		4.9	322.3
	129+75		
W		3.7	323.5
Cr		3.4	323.8
E		3.8	323.4
	129+98.87 EC		
E		1.9	325.3
Cr		1.5	325.7
10 W		2.0	325.2
12 W		+0.5	327.7

8 6"x6" Ref. Bolts Cor.

		327.20		
		~~328.48~~		
		339.43		327.05
TP	12.38	~~340.41~~	0.15	~~328.03~~
		130+39.85 BC		
12 W			7.5	331.9
9 W			10.3	329.1
Cr			10.1	329.3
E			10.2	329.2
		130+50		
E			9.3	330.1
Cr			9.4	330.0
9 W			9.6	329.8
11 W			7.2	332.2
12 W			7.0	332.4
		130+75		
12 W			5.4	334.0
8 W			5.7	333.7
6 W			8.2	331.2
Cr			7.8	331.6
E			7.6	331.8
		131+00		
E			6.5	332.9
Cr			7.0	332.4
6 W			7.0	332.4
8 W			5.4	334.0
12 W			4.9	334.5

	339.43		
	~~340.41~~		
	131+25		
12 W		4.6	334.8
9 W		4.8	334.6
7 W		6.2	333.2
Cr		6.5	332.9
E		6.2	333.2
	131+50		
E		5.6	333.8
Cr		5.8	333.6
8 W		5.7	333.7
10 W		4.3	335.1
12 W		4.2	335.2
	131+75		
12 W		4.0	335.4
11 W		{4.0 {5.3	335.4 334.1
Cr		5.3	334.1
E		4.9	334.5
	132+00		
E		4.6	334.8
Cr		4.8	334.6
11 W		4.7	334.7
12 W		3.8	335.6
	132+25		
12 W		3.1	336.3
11 W		4.1	335.3
Cr		4.0	335.4
E		3.8	335.6

	339.43		
	~~340.4~~		
	132+38 Z3 EC		
E		3.5	335.9
cr		3.4	336.0
W		3.7	335.7
	132+50		
W		3.3	336.1
cr		3.2	336.2
E		3.1	336.3
	133+00		
E		1.4	338.0
cr		1.5	337.9
9 W		1.3	338.1
10 W		0.3	339.1
12 W		0.2	339.2
	350.89		338.46
T.P.	12.43 ~~351.87~~	0.97	~~339.44~~
	133+50		
12 W		10.0	340.9
8 W		10.2	340.7
		11.3	339.6
cr		11.2	339.7
E		11.1	339.8
	133+70 40 BC		
E		10.1	340.8
cr		10.2	340.7
7 W		10.1	340.8
		9.0	341.9
12 W		8.6	342.3

	350.89		
	~~351.87~~		
	134+00		
12 W		6.9	344.0
8 W		7.1	343.8
		8.4	342.5
cr		8.3	342.6
E		8.5	342.4
	134+50		
E		4.4	346.5
cr		4.5	346.1
7 W		5.0	345.9
		3.6	347.3
12 W		3.1	347.8
	135+00		
12 W		0.0	350.9
cr		1.1	349.8
E		1.4	349.5
	362.44		349.54
T.P. on PI Hub 1290	~~363.42~~	1.35	~~350.57~~
	135+50		
E		10.9	351.5
cr		11.1	351.3
6 W		10.9	351.5
		10.1	352.3
12 W		10.1	352.3
	136+00		
12 W		9.4	353.0
6 W		9.8	352.6
		10.6	351.8
cr		10.8	351.6
E		10.5	351.9

	362.44		
	~~363.42~~		
	136+35 ~~10~~ EC		
E		9.9	352.5
CL		10.2	352.2
6W		{10.0	352.4
		{9.3	353.1
12W		8.8	353.6
	365.08		352.08
TP EC Hub, 13.00	~~366.06~~	10.36	~~353.06~~
	136+92 BC		
E		10.3	354.8
CL		10.6	354.5
9W		{10.3	354.8
		{9.2	355.9
12W		9.0	356.1
	137+25		
12W		7.4	357.7
10W		{7.6	357.5
		{8.8	356.3
CL		8.9	356.2
E		8.8	356.3
	137+50		
E		7.7	357.4
CL		8.1	357.0
10W		{8.1	357.0
		{7.2	357.9
12W		7.0	358.1
	137+75		
12W		6.2	358.9
7W		{6.6	358.5
		{7.2	357.9
CL		7.4	357.7
E		6.4	358.7

	(365.1)		
	365.08		
	~~366.06~~		
	138+00		
E		5.3	359.8
CL		6.5	358.6
4W		{6.3	358.8
		{4.7	360.4
12W		4.4	360.7
	138+25		
12W		3.7	361.4
3W		{4.1	361.0
		{5.1	360.0
CL		3.4	359.7
E		4.6	360.5
	138+50		
E		3.5	361.6
CL		4.6	360.5
2W		{4.1	361.0
		{3.5	361.6
12W		3.9	362.2
TP	9.80	~~371.33~~ 371.35	358 ~~362.53~~ 361.55
	138+75		
12W		7.8	363.5
2W		{8.1	363.2
		{9.4	362.0
CL		9.7	361.6
E		8.8	362.5
	139+00		
E		8.6	362.7
CL		{9.0	362.3
		{7.8	363.5
W		6.8	364.5

371.35
~~372.33~~

139+25

12W	6.8	364.5
Cr	7.8	363.5
2E	7.9	363.4
	8.8	362.5
12E	8.4	363.0

139+50

12E	8.0	363.3
Cr	8.2	363.1
2W	8.0	363.3
	7.1	364.2
12W	6.6	364.7

139+75

12W	6.0	365.3
1W	6.5	364.8
Cr	7.7	363.6
E	7.2	364.1

140+00

E	6.5	364.8
Cr	7.0	364.3
2W	5.8	365.5
12W	5.5	365.8

140+25

12W	5.1	366.2
5W	5.5	365.8
	6.4	365.0
Cr	6.4	365.0
E	6.0	365.3

371.35
~~372.33~~

140+50 25 E

E	5.5	365.8
Cr	6.0	365.3
5W	5.8	365.5
	5.2	366.1
12W	4.5	366.8

141+00

12W	3.8	367.5
6W	4.3	367.0
	5.0	366.3
Cr	5.2	366.1
E	4.9	366.4
BM Spike in pole Sta 140+90	6.37	364.98 ~~365.96~~

141+50

E	4.9	366.4
Cr	5.3	366.0
6W	5.3	366.0
	4.7	366.6
12W	4.8	366.5

142+00

12W	4.9	366.4
7W	5.6	365.7
	6.4	365.0
Cr	6.3	365.0
E	6.2	365.1

142+50

E	6.2	365.1
Cr	6.2	365.1
7W	6.0	365.3
	4.9	366.4
12W	4.4	367.0

		371.35		
		~~372.33~~		
		143+00		
12W			4.4	367.0
			{4.8	366.5
7W			{5.8	365.5
CR			5.8	365.5
E			5.7	365.6
		143+50		
E			5.2	366.1
CR			5.3	366.0
			{5.3	366.0
7W			{4.2	367.1
12W			3.)	367.6
		374.74		366.17
T.10	8.57	~~375.72~~	5.18	~~367.15~~
		144+00		
12W			7.6	367.1
			{8.0	366.7
7W			{8.8	365.9
CR			8.9	365.8
E			8.7	366.0
		144+50		
E			9.1	365.6
CR			9.2	365.5
			{9.0	365.7
7W			{8.0	366.7
12W			7.6	367.1
		145+00		
12W			7.7	367.0
			{8.4	366.3
7W			{9.5	365.2
CR			9.2	365.5
E			9.1	365.6

		374.74		
		~~375.72~~		
		145+50		
E			8.5	366.2
CR			8.6	366.1
			{8.7	366.0
7W			{7.6	367.1
12W			7.1	367.6
		146+00		
12W			6.8	368.4
			{6.7	368.0
7W			{7.4	367.3
CR			7.8	367.4
E			7.2	367.5
		146+50		
E			5.3	369.4
CR			5.8	368.9
			{5.9	368.8
7W			{5.1	369.6
12W			4.8	369.9
		147+00		
12W			4.4	370.3
			{4.6	370.1
7W			{5.1	369.6
CR			5.2	369.5
E			4.9	369.8
		147+50		
E			5.2	369.5
CR			5.3	369.4
			{5.3	369.4
7W			{4.1	370.6
12W			3.9	370.8

374.74
~~375.72~~

148+00

12W	4.4	370.3
7W	{4.8	369.9
	{5.4	369.3
CL	5.5	369.2
E	5.2	369.5

148+50

E	4.8	369.9
CL	5.1	369.6
7W	5.0	369.7
12W	4.5	370.2

149+00

12W	3.3	371.4
7W	3.9	370.8
CL	3.9	370.8
E	3.6	371.1

149+50

E	3.7	371.0
CL	3.7	371.0
8W	{3.5	371.2
	{2.8	371.9
12W	2.6	372.1

150+00

12W	3.7	371.0
7W	4.7	370.0
CL	4.8	369.9
E	4.6	370.1

374.74
~~375.72~~

150+50

E	4.9	369.8
CL	5.1	369.6
7W	5.1	369.6
12W	4.0	370.7

10.22 ~~381.49~~ 380.21 4.95 ~~370.77~~ 369.79

151+00

12W	9.7	370.5
7W	10.7	369.5
CL	10.5	369.7
E	10.4	369.8

151+50

E	9.8	370.4
CL	10.3	369.9
7W	10.5	369.7
12W	9.8	370.4

152+00

12W	9.2	371.0
7W	9.8	370.4
CL	9.6	370.6
E	9.2	371.0

152+50

E	7.8	372.4
CL	8.0	372.2
7W	{8.3	371.9
	{7.6	372.6
12W	7.9	372.8

380.21
~~381.19~~

153+00

12W	6.2	374.0
7W	6.6	373.6
	7.3	372.9
Cr	7.1	373.1
E	6.8	373.4

153+50

E	6.0	374.2
Cr	6.4	373.8
7W	6.4	373.8
	5.9	374.3
12W	5.5	374.7

154+00

12W	4.9	375.3
7W	5.8	374.4
Cr	5.9	374.3
E	5.5	374.7

154+50

E	5.2	375.0
Cr	5.7	374.5
7W	5.7	374.5
	5.1	375.1
12W	4.8	375.4

155+00

12W	4.3	375.9
7W	4.8	375.4
	5.4	374.8
Cr	5.4	374.8
E	5.1	375.1

380.21
~~381.19~~

155+50

E	4.2	376.0
Cr	4.4	375.8
6W	4.2	376.0
12W	3.8	376.4

156+00

12W	2.9	377.3
6W	3.3	376.9
Cr	3.3	376.9
E	3.1	377.1

156+50

E	2.5	377.7
Cr	2.4	377.8
W	3.2	377.0

157+00

W	3.3	376.9
Cr	2.3	377.9
E	2.0	378.2
		376.02
BM Spike in Power Pole Sta. 157+10	4.19	~~377.0~~
	381.04	
11.02	~~388.02~~	

157+50

W	10.6	376.4
Cr	9.9	377.1
E	10.1	376.9

158+00

E	8.7	378.3
Cr	8.5	378.5

387.04
~~388.02~~

W	8.8	378.2
158+50		
W	7.5	379.5
Cr	7.4	379.6
E	7.5	379.5
158+75 Where Road turns east to West		
E	7.5	379.5
Cr	7.6	379.4
W	8.6	378.4
159+08.50 BC		
W	7.7	379.3
Cr	7.0	380.0
E	7.1	379.9
159+50		
E	6.0	381.0
Cr	6.0	381.0
W	6.3	380.7
160+00		
W	6.2	380.8
Cr	6.2	380.8
E	6.0	381.0
160+50		
E	6.5	380.5
Cr	6.4	380.6
W	7.2	379.8

387.04
~~388.02~~
161+02.58 EC

W	7.6	379.4
Cr	7.1	379.9
E	6.6	380.4
161+50		
12E	6.0	381.0
6E	7.5	379.5
Cr	7.7	379.3
W	8.0	379.0
162+00		
W	8.1	378.9
Cr	8.1	378.9
6E	8.1	378.9
12E	6.8	380.2
162+50		
12E	6.7	380.3
6E	7.3	378.7
Cr	8.4	378.6
W	8.8	378.2
163+00		
W	8.9	378.1
Cr	8.9	378.1
6E	8.7	378.3
12E	7.6	379.4

		387.04		
		~~388.02~~		
		163+50		
12 E			8.6	378.4
6 E			9.4	377.6
CL			9.7	377.3
W			9.8	377.2
		164+00		
W			10.6	376.4
CL			10.4	376.6
6 E			10.3	376.7
12 E			9.2	377.8
		164+50		
12 E			9.7	377.3
6 E			10.9	376.1
CL			10.8	376.2
W			11.1	375.9
		165+00		
W			11.4	376.6
CL			11.3	375.7
6 E			11.3	375.7
12 E			10.4	376.6
TP	7.90	383.63 ~~384.64~~	11.31	375.73 ~~376.74~~
		165+50		
12 E			7.2	376.4
8 E			8.1	375.5
CL			8.3	375.3
W			8.4	375.2

		388.63		
		~~384.61~~		
		166+00		
W			8.9	374.7
CL			8.8	374.8
7 E			8.8	374.8
12 E			9.4	376.2
		166+50		
12 E			7.5	376.1
7 E			8.8	374.8
CL			8.9	374.7
W			9.2	374.4
		167+00		
W			8.7	374.9
CL			8.5	375.1
E			8.9	374.7
		167+50		
E			7.0	376.6
CL			7.1	376.5
W			6.9	376.7
		168+00		
W			5.5	378.1
CL			5.2	378.4
7 E			5.1	378.5
12 E			4.4	379.2
		168+50		
12 E			3.8	379.8
7 E			4.9	378.7
CL			4.7	378.9
W			5.1	378.5

383.63
~~384.61~~

169+00

W	5.0	378.6
CL	4.6	379.0
10 E	1.7	378.9
12 E	3.6	380.0

169+50

12 E	4.1	379.5
10 E	5.4	378.2
CL	4.6	379.0
W	5.1	378.5

170+00

W	5.3	378.3
CL	4.8	378.8
10 E	5.1	378.5
12 E	3.6	380.0

170+50

12 E	4.1	379.5
9 E	5.4	378.2
CL	5.2	378.4
W	5.7	377.9

171+00

W	7.6	376.0
CL	7.2	376.4
9 E	7.6	376.0
12 E	6.3	377.3

383.63
~~384.61~~

171+50

E	9.2	374.4
CL	9.0	374.6
W	9.3	374.3

172+00

W	9.5	374.1
CL	8.6	375.0
E	8.7	374.9

172+50

12 E	6.2	377.4
10 E	7.6	376.0
CL	7.7	375.9
W	8.0	375.6

173+00

12 W	6.6	377.0
10 W	7.3	376.3
CL	7.2	376.4
10 E	7.2	376.4
12 E	4.3	379.3

173+50

E	9.0	374.6
CL	8.4	375.2
W	9.0	374.6

174+00

W	9.7	373.9
CL	8.9	374.7
E	9.1	374.5

		383.63		
		~~384.61~~		
		174+50		
E			8.5	375.1
CL			8.5	375.1
W			9.0	374.6
		175+00		
W			8.5	375.1
CL			7.9	375.7
E			8.0	375.6
		175+50		
E			7.6	376.0
CL			7.6	376.1
W			7.8	375.8
		176+00		
W			8.5	375.1
CL			8.3	375.3
E			8.5	375.1
T.P.	2.75	378.15 ~~379.13~~	8.23	375.40 ~~376.38~~
		176+50		
E			3.7	374.4
CL			3.7	374.4
W			4.4	373.7
		177+00		
W			5.3	372.8
CL			4.5	373.6
E			4.5	373.6

		378.15		
		~~379.13~~		
		177+50		
E			4.9	373.2
CL			5.1	373.0
W			5.5	372.6
		177+91 9 13-C		
W			5.8	372.3
CL			5.5	372.6
E			5.4	372.7
		178+00		
E			5.0	373.1
CL			5.4	372.7
W			6.1	372.0
		178+50		
W			6.5	371.6
CL			5.5	372.6
E			5.6	372.5
		179+00		
E			5.1	373.0
CL			5.4	372.7
W			6.2	371.9
		179+50		
W			6.2	371.9
CL			5.7	372.4
E			5.3	372.8
		180+00 34 EC		
12E			3.7	374.4
8E			5.4	372.7

378.15		
~~379.13~~		
CL	6.7	372.4
W	6.2	372.0
180+50		
W	6.3	371.8
CL	6.2	372.0
10 E	6.1	372.0
12 E	6.0	373.1
181+00		
E	6.2	372.0
CL	5.8	372.3
W	6.2	372.0
181+50		
W	5.3	372.8
CL	4.9	373.2
10 E	6.0	373.1
12 E	4.2	374.0
182+00		
12 E	6.0	373.1
10 E	5.7	372.4
CL	5.5	372.6
W	5.8	372.3
182+50		
W	7.1	371.0
CL	6.4	371.7
E	6.6	371.5

378.15		
~~379.13~~		
183+00		
E	6.6	371.5
CL	6.5	371.6
W	6.9	371.2
183+50		
W	7.0	371.1
CL	6.5	371.6
E	7.0	371.1
184+00		
E	7.0	371.1
CL	6.8	371.3
W	7.3	370.8
184+50		
W	7.8	370.3
CL	7.4	370.7
E	7.8	370.3
185+00		
E	7.7	370.4
CL	7.3	370.8
W	8.2	369.9
185+50		
W	8.3	369.8
CL	7.5	370.6
E	8.0	370.1

		378.15		
		~~379+13~~		
		186+00		
E			8.1	370.0
Cr			7.8	370.3
W			8.5	369.6
		186+50		
W			8.2	369.9
Cr			7.7	370.4
E			8.1	370.0
		187+00		
E			8.2	370.0
Cr			7.9	370.2
W			8.4	369.7
		187+50		
W			8.2	370.0
Cr			7.5	370.3
E			8.3	369.8
		376.85		370.49
T.P.	6.36	~~377.83~~	7.66	~~371.47~~
		188+00		
E			6.5	370.3
Cr			6.1	370.7
W			6.6	370.2
		188+50		
W			5.9	371.0
Cr			5.6	371.2
E			6.1	370.7

	376.85		
	~~377.83~~		
	189+00		
E		5.2	371.6
Cr		4.9	372.0
W		5.1	371.7
	189+15.80	BC	
W		4.6	372.2
Cr		4.5	372.3
E		4.7	372.1
	189+50		
E		3.8	373.0
Cr		3.6	373.2
W		3.9	373.0
	190+00		
W		3.6	374.2
Cr		3.6	374.2
E		3.0	373.8
	190+50		
E		2.2	374.6
Cr		1.8	375.0
W		1.9	375.0
	191+00		
W		1.7	375.1
Cr		1.7	375.1
E		2.0	374.6
	191+50		
E		2.5	374.3
Cr		2.3	374.5
W		2.3	374.5

376.85
~~377.83~~

192+00

W	4.1	372.7
CR	3.9	373.0
E	4.2	372.6

192+29.96 CL

E	5.0	371.8
CR	4.8	372.0
W	5.1	371.7

192+50

W	5.6	371.2
CR	5.3	371.5
E	5.5	371.3

193+00

E	6.9	370.0
CR	6.7	370.1
W	7.3	369.5

193+50

W	8.3	368.5
CR	7.8	369.0
E	8.1	368.7

194+00

E	8.8	368.0
CR	8.7	368.1
W	9.3	367.5

194+50

W	10.0	366.8
CR	9.3	367.5
E	9.5	367.3

376.85
~~377.83~~

195+00

E	10.3	366.5
CR	9.9	366.9
W	10.5	366.3

195+50

W	11.1	365.7
CR	10.2	366.6
E	10.8	366.0

196+00

E	11.0	365.8
CR	10.9	366.0
W	11.5	365.3

196+50

W	11.8	365.0
CR	10.9	366.0
E	11.3	365.5

197+00

E	11.7	365.1
CR	11.1	365.7
W	12.3	364.5

197+50

W	12.6	364.2
CR	11.8	365.0
E	11.9	365.0

371.26
TP 6.48 ~~372.24~~ 12.07 ~~365.76~~ 364.78

	371.3		
	371.26		
	~~372.24~~		
	198+00		
E		6.7	364.6
Cr		6.4	364.9
W		7.2	364.1
	198+50		
W		7.3	364.0
Cr		6.9	364.4
E		7.2	364.1
	199+00		
E		7.1	364.2
Cr		7.0	364.3
W		7.3	364.0
	199+50		
W		8.0	363.3
Cr		7.4	363.9
E		7.5	363.8
	200+00		
E		7.6	363.8
Cr		7.2	364.1
W		7.8	363.5
	200+50		
W		7.2	364.1
Cr		6.7	364.6
E		7.0	364.3
	201+00		
E		6.7	364.6
Cr		6.3	365.0
W		6.9	364.4

	371.3		
	371.26		
	~~372.24~~		
	201+50		
W		6.5	364.8
Cr		5.9	365.4
E		6.3	365.0
	202+00		
E		6.1	365.2
Cr		5.6	365.7
W		6.0	365.3
	202+51 97 BC		
W		5.7	365.6
Cr		5.3	366.0
E		5.5	365.8
	203+00		
W		5.5	365.8
Cr		5.1	366.2
E		5.3	366.0
	203+50		
E		5.1	366.2
Cr		5.0	366.3
W		5.3	366.0
	204+00		
W		5.2	366.1
Cr		4.9	366.4
E		5.0	366.3
	~~204+13.97~~ EC		
E		5.1	366.2
Cr		5.0	366.3
W		5.2	366.1

371.3
371.26
~~372.24~~

204+50

W	5.4	365.9
Cr	5.0	366.3
E	5.0	366.3

205+00

E	5.2	366.1
Cr	5.2	366.1
W	5.6	365.8

205+50

W	5.7	365.6
Cr	5.1	366.2
E	5.2	366.1

206+00

E	5.5	365.8
Cr	5.6	365.7
W	6.1	365.2

206+50

W	6.6	364.7
Cr	6.0	365.3
E	6.0	365.3

207+00

E	6.7	364.6
Cr	6.7	364.6
W	7.1	364.2

371.26
~~372.24~~

207+50

W	7.3	364.0
Cr	6.8	364.5
E	7.0	364.3

208+00

E	7.0	364.3
Cr	7.0	364.3
W	7.4	363.9

Spike in Electric Pole 300 E of sta. 208+50 — 12.00 — 359.26 ~~360.24~~
371.06
BM W — 7.99 — 657 — ~~372.04~~ — 6.57 — 364.49 ~~365.47~~

208+50

W	7.2	363.9
Cr	6.3	364.8
E	6.2	364.9

209+00

E	6.6	364.5
Cr	6.6	364.5
W	7.0	364.1

209+50

W	7.3	363.8
Cr	7.0	364.1
E	7.4	363.7

210+00

E	7.7	363.4
Cr	7.7	363.4
W	7.9	363.2

371.1
371.06
~~372.04~~

210+50

W	7.8	363.3
CL	7.9	363.2
E	7.9	363.2

211+00

E	7.8	363.3
CL	7.8	363.3
W	8.2	362.9

211+50

W	8.0	363.1
CL	7.9	363.2
E	8.2	362.9

212+00

E	6.7	364.4
CL	6.7	364.4
W	6.9	364.2

212+50

W	6.8	364.3
CL	6.6	364.5
E	6.8	364.3

213+00

E	6.6	364.5
CL	6.4	364.7
W	6.6	364.5

371.1
371.06
~~372.04~~

213+50

W	6.2	364.9
CL	5.9	365.2
E	6.2	364.9

214+00

E	5.9	365.2
CL	5.5	365.6
W	5.8	365.3

214+50

W	5.2	365.9
CL	5.0	366.1
E	5.0	366.1

215+00

E	4.3	366.8
CL	4.3	366.8
W	4.2	366.9
7.7° Hal Sta 215+33.35	4.10	366.96 ~~367.94~~

328 370.24 ~~371.22~~

215+50

E	3.4	366.8
CL	3.2	367.0
W	3.3	366.9

216+00

W	3.3	366.9
CL	3.1	367.1
E	3.4	366.8

370.24
~~371.22~~

216+50

E	3,4	366.8
Cr	3,0	367.2
W	3.0	367.2

217+00

W	3,3	366.9
Cr	3,0	367.2
E	3.2	367.0

217+50

E	3,5	366.7
Cr	3,5	366.7
W	3.7	366.5

218+00

W	4,3	3659
Cr	4.2	366.0
E	4.1	366.1

218+50

E	4.9	365.3
Cr	5.0	365.2
W	5.1	365.1

219+00

W	6.0	364.2
Cr	6,1	364.1
E	6,0	364.2

370.24
~~371.22~~

219+50

E	7.0	363.2
Cr	7.0	363.2
W	6.8	363.4

220+00

W	7.7	362.5
Cr	7.9	362.3
E	7.8	362.4

220+50

E	8.8	361.4
Cr	8.5	361.7
6W	8.7	361.5
12W	8.2	362.0

221+00

12W	9.7	360.5
5W	10,4	359.8
Cr	10.3	359.9
E	10.3	359.9

221+50

E	12.1	358.1
Cr	12.1	358.1
4W	12.0	358.2
12W	11.7	358.5

222+00

12W	12.5	357.7
3W	12.5	357.7
Cr	13.4	356.8
E	13.4	356.8

		370.24		
		~~371.22~~		
		363.35		357.32
T.P.	6.03	~~364.38~~	12.92	~~358.36~~
		222+50		
E			7.9	355.4
Cr			8.2	355.1
W			7.2	356.1
		223+00		
W			9.0	354.3
Cr			8.9	354.4
E			8.6	354.7
		223+50		
E			9.2	354.1
Cr			9.5	353.8
W			9.3	354.0
		224+00		
W			10.4	353.0
Cr			9.9	353.4
E			9.7	353.6
		224+50		
E			9.8	353.5
Cr			10.0	353.3
W			10.4	353.0
		225+00		
W			10.2	353.1
Cr			9.2	354.1
E			8.8	354.5

	363.35		
	~~364.33~~		
	225+50		
E		8.4	355.0
Cr		8.5	354.9
W		9.4	354.0
	226+00		
W		9.1	354.3
Cr		8.8	354.6
E		8.5	354.9
	226+50		
E		7.7	355.7
Cr		7.8	355.5
W		7.9	355.4
	227+00		
W		7.2	356.1
Cr		6.7	356.6
E		6.6	356.7
	227+50		
E		5.6	357.7
Cr		5.9	357.4
W		6.3	357.0
	228+00		
W		6.6	356.7
Cr		5.5	357.8
E		5.5	357.8

	363.35		
	~~364.33~~		
	228+50		
E		4.7	358.6
cr		5.2	358.1
W		5.7	357.6
	229+00		
W		4.8	358.5
cr		4.0	359.3
E		3.6	359.7
	368.44		361.73
TP on Hub 6.71 EC	~~369.42~~	1.62	~~362.71~~
	229+56.89 EC		
E		6.3	362.1
cr		6.7	361.7
W		7.8	360.6
	230+00		
W		5.1	363.3
cr		4.6	363.8
E		4.2	364.2
	230+50		
E		4.2	364.2
cr		4.3	364.1
W		5.0	363.4
	231+05.15 EC		
W		6.0	362.4
cr		5.7	362.7
10E		5.9	362.5
12E		4.9	363.5

	368.44		
	~~369.42~~		
	231+50		
12E		5.8	362.6
10E		6.4	362.0
cr		6.2	362.2
W		6.7	361.7
	232+00		
W		7.0	361.4
cr		6.9	361.5
10E		6.9	361.5
12E		6.0	362.4
	232+50		
12E		6.5	361.9
10E		7.2	361.2
cr		7.3	361.1
W		7.6	360.8
	233+00		
W		7.7	360.7
cr		7.6	360.8
10E		7.6	360.8
12E		6.9	361.5
	233+50		
12E		7.4	361.0
10E		7.9	360.5
cr		8.0	360.4
W		8.1	360.3

		368.44 ~~369.42~~		
		234+00		
W		8.7	359.7	
CL		8.4	360.0	
10 E		8.5	359.9	
12 E		8.0	360.4	
		234+50		
E		8.7	359.7	
CL		8.8	359.6	
W		9.2	359.2	
		235+00		
W		9.7	358.7	
CL		9.2	359.2	
E		9.2	359.2	
		235+50		
E		9.6	358.8	
CL		9.5	358.9	
W		9.8	358.6	
		236+00		
W		10.6	357.8	
CL		10.2	358.2	
E		10.1	358.3	
		236+50		
E		9.8	358.6	
CL		10.1	358.3	
W		10.1	358.3	
T.P.	4.15	362.65 ~~363.63~~	358.50 ~~359.48~~	

	362.65 ~~363.63~~		
	237+00		
2 W		3.7	359.0
9 W		4.4	358.2
CL		4.1	358.5
10 E		3.9	358.7
12 E		3.1	359.5
	237+50		
E		5.3	357.3
CL		5.4	357.2
W		5.7	357.0
	237+79 ~~45 185~~		
W		7.2	355.4
CL		6.3	356.3
E		6.6	356.0
	238+00		
E		6.5	356.1
CL		6.5	356.1
W		6.9	355.7
	238+50		
W		6.3	356.3
CL		5.9	356.7
E		5.9	356.7
	239+00		
E		4.4	358.2
CL		4.6	358.0
10 W		4.9	357.7
17 W		3.7	359.0

362.65
~~363.63~~

	239+50		
W		4.7	358.0
CL		4.1	358.5
10 E		3.8	358.8
12 E		2.6	360.0
	240+00		
12 E		4.4	358.2
10 E		5.1	357.5
CL		5.1	357.5
W		5.4	357.2
	240+50		
W		6.7	356.0
CL		6.3	356.3
E		6.3	356.3
	240+80 $\frac{5-2}{}$ EC		
E		6.4	356.2
CL		6.4	356.2
W		6.8	355.8
	241+00		
W		6.8	356.3
CL		6.1	356.5
10 E		6.1	356.5
12 E		5.6	357.0
	241+50		
12 E		5.1	357.5
10 E		5.9	356.7
CL		5.8	356.8

362.65
~~363.63~~

W		6.1	356.5
	242+00		
W		5.5	357.1
CL		4.9	357.7
10 E		5.1	357.5
12 E		4.2	358.4
	242+50		
12 E		4.3	358.3
10 E		4.8	357.8
CL		4.9	357.7
W		5.2	357.4
	243+00		
W		4.2	358.4
CL		3.9	358.7
E		3.7	359.0
	243+50		
E		2.7	360.0
CL		2.6	360.0
W		2.9	359.7
	244+00		
W		4.2	358.4
CL		4.1	358.5
E		4.1	358.5
	244+50		
E		4.0	358.6
CL		4.1	358.5
W		4.4	358.2

		362.65 ~~363.63~~ 364.94		
T.P.	8.48	~~367.92~~	4.19	358.46 ~~359.44~~
		245+00		
W			8.4	358.5
CR			8.6	358.4
E			8.4	358.5
		245+50		
E			6.7	360.2
CR			6.7	360.2
W			6.8	360.1
		246+00		
W			6.6	360.3
CR			6.3	360.6
E			6.4	360.5
		246+61.60 BC		
12E			4.7	362.2
10E			5.5	361.4
CR			5.3	361.6
W			5.7	361.2
		247+00		
W			5.5	361.4
CR			5.4	361.5
10E			5.5	361.4
12E			4.8	362.1
		247+50		
12E			4.6	362.3
8E			5.4	361.5
CR			5.4	361.5
W			5.5	361.4

	366.94 ~~367.92~~		
	248+00		
W		5.4	361.5
CR		5.2	361.7
9E		5.4	361.5
12E		4.6	362.3
	248+50		
12E		4.2	362.7
10E		5.3	361.6
CR		5.1	361.8
W		5.3	361.6
	248+89.12 EC		
W		5.4	361.5
CR		5.1	361.8
9E		5.3	361.6
12E		4.3	362.4
	249+50		
12E		4.1	362.8
10E		4.9	362.0
CR		4.7	362.2
W		4.9	362.0
	250+00		
W		4.8	362.1
CR		4.5	362.4
10E		4.6	362.3
12E		3.9	363.0

		366.94 ~~367.92~~		
		250+50		
12 E			3.8	363.1
10 E			4.6	362.3
CL			4.4	362.5
W			4.6	362.3
		251+00		
W			3.9	363.0
CL			4.0	362.9
10 E			4.1	362.8
12 E			3.5	363.4
		251+50		
12 E			3.2	363.7
10 E			3.8	363.1
CL			3.8	363.1
W			3.8	363.1
		252+00		
W			4.4	362.5
CL			4.3	362.6
10 E			4.4	362.5
12 E			3.7	363.2
		252+50		
12 E			3.5	363.4
10 E			4.4	362.5
CL			4.3	362.6
W			4.6	362.3
T.P.	6.00	369.84 ~~370.82~~	3.10	363.84 ~~364.82~~

	369.84 ~~370.82~~		
	253+00		
12 E		5.6	364.2
10 E		6.2	363.6
CL		6.4	363.4
W		6.8	363.0
	253+50		
W		7.5	362.3
CL		7.3	362.5
10 E		7.3	362.5
12 E		6.3	363.5
	254+00		
12 E		5.3	364.5
10 E		5.9	363.9
CL		5.8	364.0
W		6.0	363.8
	254+50		
W		5.5	364.3
CL		5.2	364.6
10 E		5.4	364.4
12 E		4.9	364.9
	255+00		
12 E		4.7	365.1
10 E		5.4	364.4
CL		5.3	364.5
W		5.9	364.4

369.84
~~370.82~~

255+50

W	5.4	364.4
CL	5.3	364.5
10E	5.4	364.4
12E	4.7	365.1

256+00

12E	4.8	365.0
10E	5.5	364.3
CL	5.3	364.5
W	5.2	364.6

256+50

W	5.7	364.1
CL	5.7	364.1
10E	5.9	363.9
12E	5.2	364.6

257+00

12E	5.0	364.8
10E	5.6	364.2
CL	5.4	364.4
W	5.3	364.5

257+50

W	5.5	364.3
CL	5.3	364.5
10E	5.5	364.3
12E	4.9	364.9

369.84
~~370.82~~

258+00

12E	4.7	365.1
10E	5.3	364.5
CL	5.2	364.6
W	5.2	364.6

258+50

W	4.9	364.9
CL	4.9	364.9
10E	4.9	364.9
12E	4.4	365.4

259+00

12E	4.0	365.8
10E	4.7	365.1
CL	4.5	365.3
W	4.8	365.0

259+50

W	4.6	365.2
CL	4.4	365.4
10E	4.5	365.3
12E	3.7	366.1

260+00

12E	3.6	366.2
10E	4.5	365.3
CL	4.2	365.6
W	4.2	365.6
"T" on Hub. sta 259+99	4.26	365.58 ~~366.56~~

367.03
~~369.81~~
1.45

367.03
~~3680.1~~

260+50

W		2.1	364.9
CL		1.8	365.2
10 E		1.8	365.2
12 E		1.3	365.7

261+00

12 E		1.6	365.4
10 E		2.4	364.6
CL		2.3	364.7
W		2.4	364.6

261+50

W		2.8	364.2
CL		2.7	364.3
10 E		2.7	364.3
12 E		2.1	364.9

262+00

12 E		2.7	364.3
10 E		3.3	363.7
CL		3.3	363.7
CW		3.5	363.5

262+50

W		3.8	363.2
CL		3.6	363.4
10 E		3.6	363.4
12 E		3.0	364.0

367.03
~~3680.1~~

263+00

12 E		3.5	363.5
10 E		4.2	362.8
CL		4.1	362.9
W		4.2	362.8

263+50

W		4.7	362.3
CL		4.9	362.1
10 E		4.9	362.1
12 E		4.4	362.6

264+00

E		5.3	361.7
CL		5.5	361.5
W		5.2	361.8

264+50

W		5.7	361.3
CL		5.6	361.4
E		5.7	361.3

265+00

E		5.8	361.2
CL		5.6	361.4
W		5.6	361.4

265+50

W		5.4	361.6
CL		5.2	361.8
E		5.0	361.7

367.03
~~368.01~~

266+00

E	5.1	361.9
CL	5.0	362.0
W	5.1	361.9

266+50

W	5.3	361.7
CL	5.2	361.8
E	5.3	361.7

267+00

E	5.8	361.2
CL	5.6	361.4
W	5.7	361.3

267+50

W	5.4	361.6
CL	5.3	361.7
E	5.6	361.4

268+00

E	5.8	361.2
CL	5.6	361.4
W	5.6	361.4

268+50

W	6.4	360.6
CL	6.2	360.8
E	6.3	360.7

269+00

E	7.0	360.0
CL	7.1	359.9

367.03
~~368.01~~

W	7.0	360.0

269+50

W	8.6	358.4
CL	8.4	358.6
E	8.5	358.5

270+00

E	8.7	358.3
CL	8.6	358.4
W	8.6	358.4

270+50

W	7.6	359.4
CL	7.5	359.5
E	7.7	359.3

271+00

E	7.1	359.9
CL	7.0	360.0
W	7.1	359.9

271+50

W	7.7	359.3
CL	7.4	359.6
E	7.4	359.6

on Sub 271+44.25 363.53 359.58

T.P. 395 ~~364.54~~ 7.45 ~~360.56~~

272+00

W	5.3	358.2
CL	4.9	358.6
E	5.2	358.3

	363.53		
	~~364.57~~		
	272+50		
E		6.6	356.9
Cr		6.3	357.2
W		6.7	356.8
	273+00		
W		6.7	356.8
Cr		6.9	357.1
E		6.5	357.0
	273+50		
E		5.9	357.6
Cr		5.7	357.8
W		6.1	357.4
	274+00		
W		5.6	357.9
Cr		5.3	358.2
E		5.6	357.9
	274+50		
E		4.7	358.8
Cr		4.5	359.0
W		4.8	358.7
	275+00		
W		5.2	358.3
Cr		5.1	358.4
E		5.3	358.2
	275+50		
E		7.0	356.5
Cr		6.6	356.9

	363.53		
	~~364.57~~		
W		6.7	356.8
	276+00		
W		8.7	354.8
Cr		8.2	355.3
E		8.5	355.0
	276+50		
E		9.1	354.4
Cr		9.2	354.3
W		9.3	354.2
	277+00		
W		8.6	354.9
Cr		8.2	355.3
E		8.3	355.2
	277+50		
E		7.7	355.8
Cr		7.9	355.6
W		8.2	355.3
	278+00		
W		8.4	355.1
Cr		7.8	355.7
E		8.1	355.4
	278+50		
E		7.3	356.2
Cr		6.9	356.6
W		7.4	356.1

363.53
~~364.51~~

279+00

W	6.2	357.3
Cr	5.6	357.9
E	5.7	357.8

279+50

E	4.7	358.8
Cr	4.6	358.9
W	5.1	358.4

280+00

W	5.1	358.4
Cr	4.3	359.2
E	4.5	359.0

280+50

E	4.7	358.8
Cr	4.8	358.7
W	5.5	358.0

281+00

W	5.0	358.5
Cr	4.3	359.2
E	4.3	359.2

281+50

E	3.4	360.1
Cr	3.5	360.0
W	4.1	359.4

282+00

W	4.1	359.4
Cr	3.6	359.9

363.53
~~364.51~~

E	3.6	359.9

282+50

E	2.8	360.7
Cr	2.6	360.9
W	2.9	360.6

283+00

W	0.6	362.9
Cr	0.0	363.5
E	0.6	362.9
TP 798	370.77	362.79
10m Nub 283+69	~~371.76~~ 0.74	~~365.77~~ ~~365.61~~
	5.14	365.63

283+50

12 E	4.2	366.6
10 E	5.5	365.3
Cr	5.2	365.6
10 W	5.6	365.2
12 W	4.8	366.0

284+00

W	5.2	365.6
Cr	4.8	366.0
10 E	5.0	365.8
12 E	3.7	367.1

284+50

12 E	3.4	367.4
10 E	4.9	365.9
Cr	4.8	366.0
W	5.1	365.7

370.8

370.77

~~371.76~~

285+00

12 W		3.9	366.9
10 W		4.8	366.0
CL		4.3	366.5
10 E		4.5	366.3
12 E		2.9	367.9
	368.41		365.63
TP	2.78	~~369.89~~	~~366.61~~

285+50

12 W		1.5	366.9
10 W		2.4	366.0
CL		2.0	366.4
10 E		2.4	366.0
12 E		0.3	368.1

286+00

12 E		0.3	368.1
10 E		2.6	365.8
CL		2.9	366.0
10 W		2.5	365.9
12 W		1.4	367.0

286+50

12 W		1.8	366.6
10 W		3.0	365.4
CL		2.8	365.6
10 E		3.0	365.4
12 E		0.6	367.8

368.41

~~369.39~~

287+00

12 E		1.2	367.2
10 E		3.8	364.6
CL		3.6	364.8
10 W		3.7	364.7
12 W		2.6	365.8

287+50

12 W		4.4	364.0
10 W		5.1	363.3
CL		4.9	363.5
10 E		5.1	363.3
12 E		2.9	365.5

288+00

12 E		5.2	363.2
10 E		6.9	362.0
CL		6.1	362.3
W		6.3	362.1

288+50

W		8.0	360.4
CL		7.4	361.0
E		7.6	360.8

289+00

E		8.5	359.9
CL		8.4	360.0
W		9.1	359.3

		368.41		
		~~369.89~~		
		289+50		
W			9.6	358.8
CL			9.0	359.4
E			9.1	359.3
		290+00		
E			9.5	358.9
CL			9.4	359.0
W			10.2	358.2
		290+50		
W			10.1	358.3
CL			9.5	358.9
E			9.5	358.9
		291+00		
E			9.8	358.6
CL			9.8	358.6
W			10.2	358.2
		291+50		
W			10.6	357.8
CL			10.1	358.3
E			10.1	358.3
		292+00		
E			10.5	357.9
CL			10.5	357.9
W			11.1	357.3

		368.41		
		~~369.89~~		
		292+50		
W			10.9	357.5
CL			10.6	357.8
E			10.7	357.7
		293+00		
E			10.9	357.5
CL			10.9	357.5
W			11.2	357.2
		293+50		
W			11.9	356.5
CL			11.2	357.2
E			11.3	357.1
		363.94		357.53
TP	6.61	~~364.92~~	11.08	~~358.31~~
		294+00		
E			7.3	356.6
CL			7.2	356.7
W			7.8	356.1
		294+50		
W			7.8	356.1
CL			7.6	356.3
E			7.7	356.2
		295+00		
E			8.3	355.6
CL			8.1	355.8
W			8.5	355.4

363.94
~~364.92~~

295+50

W	9.4	354.5
CL	8.8	355.1
E	8.9	355.0

296+00

E	9.4	354.5
CL	9.3	354.6
W	9.7	354.2

296+50

W	9.5	354.4
CL	9.4	354.5
E	9.4	354.5

297+00

E	9.3	354.6
CL	9.2	354.7
W	9.4	354.5

297+50

W	8.9	355.0
CL	9.0	354.9
E	9.1	354.8

298+00

E	8.7	355.2
CL	8.8	355.1
W	8.8	355.1

Jan 7

363.94
~~364.92~~

298+50

W	8.1	355.8
CL	8.1	355.8
E	8.1	355.8

299+00

E	7.4	356.5
CL	7.4	356.5
W	7.5	356.4

299+50

W	6.3	357.6
CL	6.5	357.4
E	6.4	357.5

300+00

E	5.1	358.8
CL	5.3	358.6
W	5.3	358.6

300+50

W	4.3	359.6
CL	4.3	359.6
E	4.2	359.7

301+00

E	3.6	360.3
CL	3.5	360.4
W	3.7	360.2

363.94
~~364.92~~

301+50

W	2.8	361.1
CL	2.7	361.2
E	2.8	361.1

302+00

E	1.8	362.1
CL	1.7	362.2
W	1.8	362.1

366.39
TP on Hub. Sta 302+00 4.32 ~~367.37~~ 1.87 ~~363.45~~

302+50 362.07

W	4.1	362.3
CL	3.8	362.6
E	3.9	362.5

303+00

W	4.1	362.3
CL	3.8	362.6
E	3.8	362.6

303+50

E	3.7	362.7
CL	3.8	362.6
W	4.2	362.2

304+00

W	4.6	361.8
CL	4.3	362.1
E	4.2	362.2

366.4
366.39
~~367.37~~

304+50

12 E	~~3.4~~	363.0
10 E	~~4.4~~	362.0
CL	4.2	362.2
W	4.5	361.9

305+00

W	4.7	361.7
CL	4.5	361.9
10 E	4.6	361.8
12 E	3.8	362.6

305+50

12 E	3.5	362.9
10 E	4.6	361.8
CL	4.4	362.0
W	4.6	361.8

306+00

W	5.0	361.4
CL	4.8	361.6
10 E	4.8	361.6
12 E	3.9	362.5

306+50

12 E	4.0	362.4
10 E	4.8	361.6
CL	4.7	361.7
W	4.9	361.5

366.4

366.39

~~367.37~~

307+00

W	5.2	361.2
CL	5.1	361.3
10 E	5.2	361.2
12 E	4.4	362.0

307+50

12 E	5.5	360.9
10 E	6.5	359.9
CL	6.4	360.0
W	6.6	359.8

308+00

W	7.8	358.6
CL	7.6	358.8
10 E	7.5	358.9
12 E	6.8	359.6

308+50

12 E	7.9	358.5
10 E	8.6	357.8
CL	8.6	357.8
W	8.7	357.7

309+00

W	8.9	357.5
CL	8.9	357.5
10 E	9.0	357.4
12 E	8.4	358.0

366.4

366.39

~~367.37~~

309+50

12 E	7.8	358.6
10 E	8.6	357.8
CL	8.3	358.1
W	8.3	358.1

310+00

W	4.6	359.8
CL	4.6	359.8
10 E	6.8	359.6
12 E	6.1	360.3

310+50

12 E	4.8	361.6
10 E	5.6	360.8
CL	5.3	361.1
W	5.2	361.2

311+00

W	5.4	361.0
CL	5.3	361.1
10 E	5.5	360.9
12 E	4.8	361.6

311+50

12 E	4.8	361.6
10 E	5.5	360.9
CL	5.2	361.2
W	5.3	361.1

366.4
366.39
~~367.37~~

312+00

W		5.5	360.9
CL		5.5	360.9
10 E		5.6	360.8
12 E		5.0	361.4
	363.94		360.89
T.P.	30.5 ~~364.92~~	5.50	~~361.87~~

312+50

12 E		2.7	361.2
10 E		3.4	360.5
CL		3.3	360.6
W		3.5	360.4

313+00

W		3.6	360.3
CL		3.5	360.4
10E		3.7	360.2
12 E		3.1	360.8

313+50

12 E		3.3	360.6
10 E		4.0	359.9
CL		3.9	360.0
W		3.9	360.0

314+00

W		4.6	359.3
CL		4.5	359.4
10 E		4.6	359.3
12 E		4.2	359.7

363.9
363.94
~~364.92~~

314+50

12 E		4.7	359.2
10 E		5.4	358.5
CL		5.1	358.8
W		5.2	358.7
	361.76		359.13
T.P. on P.K. Nail 263	~~362.74~~	4.81	360.11

314+90 75 RC

W		3.3	358.5
CL		3.0	358.8
10 E		3.1	358.7
12 E		~~2.4~~	359.4

315+50

12 E		1.6	360.2
10 E		2.3	359.5
CL		2.3	359.5
W		3.0	358.8

316+00

12 E		2.3	359.5
10 E		2.8	359.0
CL		2.8	359.0
W		3.0	358.8

316+50

12 E		3.8	358.0
10 E		5.0	356.8
CL		4.9	356.7
W		4.9	356.9

Station	+ Rod.	HI 361.76 ~~362.74~~ 361.8	- Rod	Elev.
		316+68	77	E.C.
E			6.0	355.8
CY			6.1	355.7
W			6.0	355.8
		317+00		
E			6.6	355.2
CY			7.1	354.7
W			7.3	354.5
		317+50		
E			7.8	354.0
CY			7.9	353.9
W			8.4	353.4
		318+00		
E			8.7	353.1
CY			9.1	352.7
W			9.7	352.1
		318+50		
E			9.8	352.0
CY			10.3	351.5
W			10.5	351.3
		319+00		
E			10.6	351.2
CY			10.9	350.9
W			11.1	350.7

361.76
~~362.74~~

319+50

12 E		11.1	350.7
5 E		12.0	349.8
CY		12.1	349.7
W		12.2	349.6
T.P. 4.37	353.16 ~~354.14~~	12.97	348.79 ~~349.77~~
	320+00		
12 E		4.9	348.3
5 E		6.1	347.1
CY		6.3	346.9
W		6.4	346.8
	320+50		
12 E		7.2	346.0
3 E		8.9	344.3
CY		9.0	344.2
W		8.9	344.3
	321+00		
E		9.6	343.6
CY		10.1	343.1
W		10.3	342.9
	321+50		
E		9.9	343.3
CY		10.1	343.1
W		9.7	343.5
	321 9515	B.C.	
E		8.5	344.7
CY		8.8	344.4
W		8.7	344.5

353.16
~~354.14~~

3ZZ+25

E	6.8	346.4
CL	7.1	346.1
W	7.3	345.9

3ZZ+50

E	6.2	347.0
CL	6.5	346.7
W	6.7	346.5

3ZZ+75

E	5.5	347.7
CL	6.0	347.2
9 W	6.4	346.8
12 W	5.4	347.8

3Z3+00

12 E	4.8	348.4
8 E	5.4	347.8
CL	5.9	347.3
9 W	6.3	346.9
12 W	4.9	348.3

3Z3+25

12 E	5.4	347.8
6 E	6.1	347.1
CL	6.1	347.1
10 W	6.5	346.7
12 W	5.8	347.4

353.16
~~354.14~~

3Z3+50

E	6.7	346.5
CL	6.7	346.5
W	7.0	346.2

3Z3+75

E	7.3	345.9
CL	7.6	345.6
W	7.8	345.4

3Z3+86.67 E.C.

E	7.4	345.8
CL	7.8	345.4
W	8.1	345.1

3Z4+00

E	7.7	345.5
CL	8.2	345.0
W	8.5	344.7

3Z4+50

E	8.7	344.5
CL	8.9	344.3
W	9.1	344.1

3Z5+00

E	9.1	344.1
CL	9.1	344.1
5 W	9.1	344.1
12 W	9.8	343.4

		353.16		
		~~354.14~~		
		325+50		
E			9.9	343.3
CR			9.6	343.6
W			9.5	343.7
		326+00		
E			11.7	341.5
CR			11.6	341.6
9 W			11.6	341.6
12 W			11.3	341.9
		326+50		
E			12.8	340.4
CR			12.6	340.6
9 W			12.8	340.4
12 W			12.3	340.9
		352.08		340.51
T.P.	11.57	~~353.06~~	12.65	~~341.49~~
		327+00		
E			12.5	339.6
CR			12.1	340.0
8 W			12.8	339.3
12 W			12.3	339.8
		327+50		
E			13.1	339.0
CR			13.0	339.1
9 W			13.1	339.0
12 W			12.5	339.6

	352.1		
	352.08		
	~~353.06~~		
	328+00		
E		11.9	340.2
CR		11.7	340.4
8 W		11.9	340.2
12 W		11.0	341.1
	328+50		
E		10.0	342.1
CR		9.8	342.3
8 W		9.9	342.2
12 W		9.3	342.8
	329+00		
12 E		7.4	344.7
9 E		7.9	344.2
CR		7.6	344.5
8 W		7.5	344.6
12 W		7.2	344.9
	329.50		
12 E		4.8	347.3
9 E		5.5	346.6
CR		5.5	346.6
7 W		5.7	346.4
9 W		4.7	347.4
12 W		4.5	347.6

352.1
352.08
~~353.06~~
330+00

E		5.2	346.9
CR		5.1	347.0
7 W		5.1	347.0
9 W		3.5	348.6
12 W		3.0	349.1
	330+50		
E		6.5	345.6
CR		6.1	346.0
7 W		6.1	346.0
9 W		4.7	347.4
12 W		3.6	348.5
	330+70.10	B.C.	
E		7.0	345.1
CR		6.6	345.5
8 W		6.4	345.7
12 W		4.9	347.2
	331+00		
E		7.9	344.2
CR		7.4	344.7
9 W		7.5	344.6
12 W		6.3	345.8
	331+25		
E		8.9	343.2
CR		8.1	344.0
9 W		8.1	344.0
12 W		7.2	344.9

352.1
352.08
~~353.06~~
331+50

E		10.0	342.1
CR		9.5	342.6
9 W		9.3	342.8
		8.2	343.9
12 W		8.1	344.0
	331+75		
E		11.4	340.7
CR		11.2	340.9
7 W		10.7	341.4
12 W		10.6	341.5
	331+88.17	E.C.	
E		12.2	339.9
CR		12.1	340.0
9 W		12.0	340.1
12 W		11.6	340.5
	332+00		
E		12.8	339.3
CR		12.7	339.4
W		12.6	339.5
T.P. 0.76	340.65 ~~341.63~~	12.19	339.89 ~~340.87~~
	332+50		
E		3.2	337.4
CR		3.3	337.3
W		3.2	337.4

~~340.65~~
~~341.63~~

333+00

E	4.8	335.8
CR	4.5	336.1
W	4.7	336.4

333+50

E	5.6	335.0
CR	5.1	335.5
W	4.8	335.8

334+00

E	5.5	335.1
CR	5.3	335.3
W	4.9	335.7

334+50

E	5.5	335.1
CR	5.7	335.4
W	5.7	335.4

335+00

E	5.7	335.4
CR	5.7	335.4
W	5.1	335.5

335+50

E	5.1	335.5
CR	5.1	335.5
W	5.7	335.4

~~341.63~~
340.65

Began Exc. 5-27-14 8hrs

336+00

E	5.1	335.5
CR	5.3	335.3
W	5.4	335.2

13' x 13'

336+50

E	5.5	335.1
CR	5.5	335.1
W	5.7	335.0

337+00

E	6.1	334.5
CR	6.0	334.6
W	6.1	334.5

337+50

E	7.1	333.5
CR	7.0	333.6
W	7.3	333.3

338+00

E	7.9	332.7
CR	7.9	332.7
W	8.4	332.2

338+50

E	9.1	331.5
CR	9.0	331.6
W	9.3	331.3

339+00

E	9.6	331.0
CR	9.6	331.0
W	9.6	331.0

Note - Beginning with Sta 341+50 E. & W. lines are 13' from Ca. instead of 12'

340.65
~~341.63~~

339+50

E		9.8	330.8
Cr		9.7	331.0
W		9.8	330.8
	340+00		
E		9.9	330.7
Ctr		9.9	330.7
W		10.2	330.4
	340+50		
E		10.0	330.6
Cr		9.9	330.7
W		10.1	330.5
	341+00		
E		9.5	331.1
Cr		9.5	331.1
W		9.9	330.7
T.P. Nail in Cvide post. 361	335.86	8.40	332.25
	~~336.84~~		~~333.25~~
	341+50		
E		5.5	330.4
Cr		5.2	330.3
W		5.8	330.1
	341+67.59 BC		
W		6.5	329.4
Cr		5.7	330.2
E		6.2	329.7

(335.9)
335.86
~~336.84~~

342+00

E		7.4	328.5
Cr		7.0	328.9
W		7.3	328.6
TP 0.98	326.29 ~~327.27~~	1.46	325.81 ~~326.79~~
	342+50		
13 E		0.5	325.8
10 E		1.9	324.9
Cr		1.4	324.9
W		1.7	324.6
	343+00		
W		6.5	319.8
Cr		6.1	320.2
10 E		6.6	319.7
13 E		8.7	317.6
23 E Same slope for 20'		16.9	309.9
	343+50		
E		10.9	315.9
Cr		9.7	316.6
W		10.3	316.0
	344+00		
W		12.5	313.8
Cr		12.0	314.3
E		12.1	314.2

		326.29 ~~327.27~~		
		344+50		
E			12.3	314.0
Cr			12.5	313.8
W			13.1	313.2
		345+00		
W			11.9	314.1
Cr			11.7	314.6
E			10.4	315.9
		345+44.60 EC		
E			10.7	315.6
Cr			11.1	315.2
W			11.1	315.2
TP	2.36	317.45 ~~318.43~~	11.20	315.09 ~~316.07~~
		345+91.47 BC		
13E			0.2	317.2
5E			3.6	313.8
Cr			3.4	314.0
W			2.9	314.5
		346+00		
W			3.2	314.2
Cr			3.6	313.8
6E			4.0	313.4
13E			0.7	316.7
		346+25		
13E			1.5	316.0
6E			4.7	312.7
Cr			4.1	313.3
W			4.0	313.4

		317.45 ~~318.43~~		
		346+50		
W			4.7	312.7
Cr			4.7	312.7
7E			5.1	312.3
13E			3.1	314.3
		346+76.25 EC		
13E			5.5	312.0
Cr			5.2	312.2
W			5.2	312.2
		347+00		
W			4.9	312.5
Cr			5.0	312.4
E			5.6	311.8
		347+25		
E			4.6	312.8
Cr			4.9	312.5
W			5.0	312.4
		347+50		
W			5.1	312.3
Cr			5.3	312.1
7E			5.4	312.0
9E			1.9	315.5
13E			1.3	316.1
		347+67.48 BC		
13E			0.7	316.7
9E			1.2	316.2
6E			6.1	311.3

Jan 8

		317.45		
		~~318.43~~		
CR			5.9	311.5
W			5.8	311.6
		347+25		
W			6.3	311.4
CR			6.3	311.1
7 E			6.5	311.0
13 E			1.8	315.6
		348+00		
13 E			3.0	314.4
11 E			8.6	308.8
CR			7.8	309.6
W			8.0	309.4
		348+25		
W			10.0	307.4
CR			10.2	307.2
11 E			10.8	306.6
13 E			5.7	311.7
		348+50		
E			13.2	304.2
CR			12.9	304.5
11 W			12.7	304.7
13 W			13.5	304.0
		305.82		305.10
T.P	0.72	~~306.50~~	12.35	~~306.08~~
		348+66 38 EC		
13 E			2.6	303.2
11 E			4.0	301.8
CR			2.8	303.0
11 W			2.4	303.4
13 W			3.5	302.3

		305.82		
		~~306.80~~		
20 W	Dame elafe for 10'		7.9	297.9
		349+00		
22' W			10.7	295.1
13 W			6.5	299.3
11 W			5.8	300.5
CR			5.9	299.9
9 E			6.3	299.5
13 E			+0.5	306.3
		349+25		
13 E			0.6	305.2
7 E			8.3	297.5
CR			8.3	297.5
11 E			7.6	298.2
13 E	W?		9.0	296.8
22 E	Dame elafe 15'		15.6	290.2
		349+50		
22 E	Dame elafe 20'		19.0	286.8
13 E			10.6	295.2
CR			11.2	294.6
5' W			11.4	294.4
8 W			1.4	304.4
13 W			+0.6	306.4
		293.59		293.51
TP	0.08	~~294.57~~	12.31	~~294.47~~
		349+74 18 BC		
W			0.7	292.9
CR			1.6	292.0
5' E			1.8	291.8

	293.6		
	293.59		
	~~294.57~~		
8E		+11.2	304.8
13E		+12.5	307.1
	350+00		
13E		+3.7	297.3
7E		4.8	288.8
CL		4.3	289.3
W		3.8	289.8
	350+25		
W		6.7	286.9
CL		7.0	286.6
9E		7.4	286.2
13E		1.2	292.4
	350+44.9 EC		
13E		1.5	292.1
5E		9.5	284.1
CL		9.3	284.3
W		8.9	284.7
	350+75		
W		12.1	281.5
CL		12.7	280.9
6E		12.9	280.7
10E		4.0	289.6
13E		2.5	291.1
	351+00		
13E		9.4	284.2
10E		10.8	282.8
	281.33		281.26
TP	0.07	12.33	~~282.31~~ 282.24

	281.33		
	~~282.31~~		
7E		3.4	277.9
CL		3.0	278.3
W		2.6	278.7
	351+25		
W		5.0	276.3
CL		5.4	275.9
7E		5.5	275.8
13E		1.9	279.4
	351+51.73 BC		
13E		+5.8	287.1
9E		7.2	274.1
CL		7.4	273.9
W		7.3	274.0
	351+75		
W		8.8	272.5
CL		9.2	272.1
7E		9.1	272.2
13E		+2.0	285.3
	352+00		
13E		+1.5	282.8
9E		+0.9	282.2
6E		11.1	270.2
CL		11.2	270.1
W		10.9	270.9
	352+19.40 EC		
W		11.6	269.7
CL		12.5	268.8
5E		12.4	268.9

		281.33		
		~~282.21~~		
7 E			2.4	278.9
13 E			1.0	280.3
Sub. EC		269.83		268.75
T.P.	1.08	~~270.81~~	12.58	~~269.73~~
		352+50		
W			3.0	266.8
Cr			3.4	266.4
3 E			3.6	266.2
8 E			0.0	269.8
10 E			+9.5	279.3
13 E			+9.5	279.3
		352+67 55	BC	
13 E			+10.0	279.8
8 E			+6.8	276.6
3 E			5.2	264.6
Cr			5.0	264.8
W			4.1	265.1
		353+00		
18 W dome Glafo 101			11.0	258.8
13 W			7.9	261.9
11 W			7.0	262.8
Cr			7.7	262.1
1 E			7.8	262.0
8 E			0.0	269.8
13 E			+3.0	272.8
		353+25		
13 E			+2.0	271.8
9 E			0.0	269.8
4 E			10.2	259.6
Cr			10.2	259.6

		269.83		
		~~270.81~~		
W			9.6	260.2
		353+48 40	EC	
W			11.7	258.1
Cr			12.6	257.2
7 E			12.9	256.9
9 E			11.0	258.8
13 E		(257.8)	10.0	259.8
Sub EC.		257.79		257.15
TP	0.64	~~258.77~~	12.68	~~258.13~~
		353+75		
E			2.9	253.9
Cr			3.3	254.5
10 W			3.1	254.7
13 W			5.4	252.4
18 W			7.7	250.1
		354+00		
20 W			11.0	246.8
13 W			8.2	249.6
7 W			5.0	252.8
Cr			5.4	252.4
E			5.5	252.3
		354+25		
E			7.5	250.3
Cr			7.1	250.7
W			6.8	251.0
		354+50 35	BC	
21 W			17.4	240.4
13 W			13.0	244.8

		257.8		
		257.79		
		~~258.77~~		
7 W			8.5	249.3
Cr			8.9	248.9
E			9.3	248.5
		355+75		
E			10.6	247.2
Cr			10.4	247.4
7 W			10.4	247.4
13 W			14.5	243.3
21 W			19.5	238.3
		247.27		246.50
T.P.	0.77	~~248.25~~	11.29	~~247.48~~
		355+00		
18 W			7.6	239.7
13 W			4.9	242.4
7 W			1.8	245.5
Cr			1.9	245.4
E			2.1	245.2
		355+25 60 EC		
E			4.0	243.3
Cr			4.2	243.1
6 W			4.1	243.2
13 W			5.1	242.2
		355+50		
13 W			9.0	238.3
6 W			6.7	240.6
Cr			6.4	240.9
E			6.7	240.6

		247.27		
		~~248.75~~		
		355+75 45 EC		
E			8.9	238.4
Cr			8.3	239.0
W			8.8	238.5
		356+00		
W			10.2	237.1
Cr			10.6	236.7
11 E			11.2	236.1
18 E			8.4	238.9
		356+25		
13 E			8.1	239.2
6 E			12.9	234.4
Cr			12.9	234.4
W			12.0	235.3
		Hub P.I.	247.84	235.59
T.P.	7.25		~~243.82~~ 11.68	~~236.57~~
		356+50		
W			9.5	233.3
Cr			10.2	232.6
3 E			10.2	232.6
13 E			5.6	237.2
		356+75 27 EC		
13 E			3.1	239.7
Cr			10.2	232.6
2 W			12.2	230.6
13 W			11.4	231.4

	242.84		
	~~243.82~~		
	357+00		
13W		13.6	229.2
3W		13.6	229.2
CL		6.1	236.7
13E		1.3	241.3
	357+25		
13E		5.6	237.2
CL		8.5	234.3
	357+50		
6W		11.5	231.3
CL		7.4	235.4
13E		4.4	238.4
	357+75		
13E		4.5	238.3
CL		7.4	235.4
3W		10.0	232.8
	358+00		
CL		8.1	234.7
13E		6.5	236.3
	358+16.20 BC		
3E		10.3	232.5
13E		10.0	232.8
	358+25		
2E		11.9	230.9
13E		11.4	231.4
	358+50		
13E		15.8	227.0

		242.84		
		~~243.82~~		
		232.14		229.84
TC	2.30	~~233.12~~	13.00	~~230.82~~
		228.66		225.44
TC	3.23 Top of fence Post	~~229.64~~	6.70	~~226.42~~
		357+25		
10W			+0.5	229.2
13W			1.8	226.9
		357+50		
8W			3.7	225.0
13W			3.6	225.1
		357+75		
5W			5.4	223.3
13W			5.3	223.4
		358+00		
4W			6.7	222.0
13W			6.6	222.1
		358+16.20 BC		
CL			3.8	224.9
3W			7.9	221.3
13W			7.6	221.1
		358+~~25~~		
CL			2.7	226.0
2W			8.2	220.5
13W			8.0	220.7
		358+50		
6E			9.6	219.1
CL			9.2	219.5
13W			9.5	219.2

Note - See Book 943 for Notes on Change of Line

		228.66		
		~~229.64~~		
		358+75		
W			11.9	216.8
Cr			10.9	217.8
E			10.7	218.0
		359+00		
E			12.5	216.2
Cr			13.2	215.5
W			13.8	214.9
TP	0.21	217.43 ~~2+84~~	11.44	217.22 ~~218.20~~
		359+25		
W			4.0	213.4
Cr			3.8	213.6
6 E			3.6	213.8
13 E			2.1	215.3
		359+50		
20 E			12.3	205.1
13 E			7.6	209.8
5 E			4.0	213.4
Cr			5.8	211.6
W			6.1	211.3
		359+66.56 EC.		
W			7.4	210.0
Cr			7.3	210.1
3 E			7.0	210.4
6 E			5.7	211.7
13 E			8.7	208.7
20 E			13.6	203.8

		217.43		
		~~218.41~~		
		360+00		
E			9.6	207.8
Cr			10.0	207.4
W			10.6	206.8
		360+50		
13 W			8.4	209.0
5 W			9.9	207.5
3 W			13.4	204.0
Cr			13.6	203.8
E			13.4	204.0
TP	1.67	206.14 ~~207.12~~	12.96	204.47 ~~205.45~~
		361+00		
E			5.8	200.3
Cr			6.0	200.1
2 W			1.6	204.5
13 W			+1.5 /	207.6
		361+42.93 BC		
13 W			2.6	203.5
2 W			5.2	200.9
Cr			8.3	197.8
E			8.5	197.6
		361+50		
13 E			8.9	197.2
3 E			9.1	197.0
Cr			5.5	200.6
13 W			2.1	204.0

206.14
~~207.12~~

361+75

18 W		7.2	198.9
CL		8.2	197.9
2 E		10.4	195.7
13 E		10.4	195.7

362+00

13 E		11.6	194.5
CL		11.7	194.4
4 W		6.9	199.2
13 W		5.1	201.0

362+25

13 W		6.2	199.9
9 W		7.3	198.8
3 W		12.2	193.9
CL		13.2	192.9
13 E		13.1	193.0

362+50

13 W		10.8	195.3
8 W		12.3	193.8
TP	1.13	194.32 ~~196.30~~ 12.95	193.19 ~~194.17~~
4 W		3.5	190.8
CL		3.4	190.9
13 E		3.1	191.2

362+75

13 E		5.2	189.1
CL		5.2	189.1
6 W		5.7	188.6

194.32
~~196.30~~

9 W		3.8	190.5
13 W		2.9	191.4

363+00

13 W		7.7	186.6
9 W		7.0	187.3
CL		7.0	187.3
13 E		7.0	187.3

363+25

13 W		8.1	186.2
10 W		9.5	184.8
CL		9.3	185.0
10 E		9.0	185.3
13 E		11.1	183.2

363+50

13 E		11.4	182.9
CL		11.9	182.4
		12.3	182.0
7 W		9.2	185.1
13 W		8.4	185.9

363+69 183 EC

13 W		10.4	183.9
7 W		11.2 14.2	183.1 180.1
TP	0.31	183.32 ~~185.30~~ 11.31	183.01 ~~184.99~~
CL		3.4	179.9
E		2.6	180.7

364+00

E		6.4	176.9
CL		6.7	176.6

		183.32		
		+85.30		
7 W			6.9	176.4
			5.7	177.6
13 W			4.8	178.5
		364+42.30 BC		
13 W			8.9	174.4
8 W			9.5	173.8
6 W			11.2	172.1
CL			11.3	172.0
13 E			10.9	172.4
		364+75		
13 W			10.3	173.0
6 W		171.0	11.0	172.3
		170.98		170.74
TP	0.24	+72.96	12.08	+72.72
3 W			1.7	169.3
CL			1.8	169.2
13 E			1.3	169.7
		365+00		
13 E			3.3	167.7
CL			3.7	167.3
4 W			3.5	167.5
			1.7	169.3
13 W			0.2	170.8
		365+29.57 EC		
13 W			2.3	168.7
6 W			3.2	167.8
			5.9	165.1
CL			5.7	165.3
13 E			5.4	165.6

		171.0		
		170.98		
		+72.96		
		365+57.65 BC		
13 E			7.5	163.5
CL			7.6	163.4
9 W			57.9	163.1
			55.5	165.5
13 W			5.3	165.7
		365+75		
13 W			9.4	161.6
9 W			9.0	162.0
CL			8.6	162.4
13 E			8.8	162.2
		366+00		
13 E			10.8	160.2
CL			10.6	160.4
7 W			10.7	160.3
13 W			6.9	164.1
		366+25		
13 W			9.0	162.0
8 W			13.1	157.9
CL			12.8	158.2
13 E			13.0	158.0
		158.87		158.24
TP	0.63	+60.35	12.74	+60.22
		366+50		
13 E			2.7	156.2
CL			3.2	155.7
5 W			3.4	155.5
10 W			0.5	158.4
13 W			+0.4	159.3

		158.87		
		+60.85		
		366+75		
13 W			0.3	158.6
9 W			1.3	157.6
6 W			5.7	153.2
Cr			5.5	153.4
13 E			5.2	153.7
		366+92	40 EC	
13 E			6.6	152.3
Cr			7.2	151.7
8 W			7.1	151.8
			4.6	154.4
13 W			3.1	155.8
		367+50		
13 W			13.0	145.9
Cr			12.7	146.2
10 E			12.5	146.4
13 E			14.4	144.5
18 E			16.7	142.2
		147.18		146.57
TP	0.61	+49.46	12.30	+48.35
		368+00		
13 W			6.9	140.3
Cr			6.5	140.7
7 E			6.5	140.7
13 E			8.5	138.7
20 E			9.3	137.9
		368+50		
20 E			14.0	133.2
13 E			12.2	135.0
11 E			11.5	135.7

		147.18		
		+49.46		
Cr			11.8	135.4
			12.0	135.2
8 W			8.7	138.5
13 W			7.5	139.7
		369+00		
13 W			12.4	134.8
7 W			13.3	133.9
		135.67		134.94
TP	0.73	+37.65	12.24	+36.92
5 W			5.4	130.3
Cr			5.4	130.3
13 E			4.5	131.2
		369+47	80 BC	
13 E			9.4	126.3
Cr			10.2	125.5
4 W			10.6	125.1
6 W			6.9	128.8
13 W			5.6	130.1
		369+75		
13 W			9.2	126.5
7 W			10.3	125.4
5 W			12.9	122.8
Cr			12.8	122.9
13 E			12.3	123.4
		123.05		122.61
TP	0.44	+25.03	13.06	+24.59
		370+00		
13 E			1.9	121.1
Cr			2.6	120.4
7 W			2.9	120.1

	123.05 +25.03		
9 W		0,5	122.5
13 W		0,0	123.0
	370+25		
13 W		2,1	120.9
9 W		2,9	120.1
7 W		5.8	117.2
Cr		5,1	117.9
13 E		4.4	118.6
	370+50		
13 E		6,8	116.2
Cr		7.4	115.6
8 W		7.7 5.1	115.3 117.9
13 W		3,3	119.7
	370+75		
13 W		6.6	117.4
7 W		7.2 9.6	115.8 113.4
Cr		9.5	113.5
13 E		8.8	114.2
	371+00		
13 E		10.8	112.2
Cr		11.6	111.4
7 W		12.0	111.0
9 W		8.1	114.9
13 W		7.1	115.9
	371+25		
13 W		9.2	113.8
11 W		9.9	113.1

	123.05 +25.03		
8 W		13.7	109.3
Cr		13.5	109.5
13 E		13.0	110.0
TP 1.62	112.05 +1.03	12.62	110.43 +1.41
	371+46.27 EC		
13 E		15.0	107.0
11 E		14.2	107.8
Cr		14.5	107.5
11 W		15.2	106.8
13 W		11.6	110.4
	372+00		
13 W		9.1	102.9
Cr		8.5	103.5
6 E		8.5	103.5
13 E		11.9	100.1
20			98.1
TP 2.15	102.05 +1.83	13.9 12.15	101.88 99.90
	372+50		
18 E		8.2	93.8
13 E		6.3	95.7
7 E		2.9	99.1
Cr		2.8	99.2
13 W		3.3	98.7
	373+00		
13 W		3.7	98.3
10 W		7.1	94.9
Cr		6.9	95.1
10 E		6.5	95.5

		102.05		
		~~104.00~~		
13 E			7.4	94.6
18 E			9.7	92.3
		373+50		
13 E			11.3	90.7
11 E			10.7	91.3
Cr			11.2	90.8
8 W			11.3	90.7
11 W			7.3	94.7
13 W		92.0	6.7	95.3
		91.99		89.62
TP	2.37	~~93.94~~	12.43	~~91.57~~
		374+00		
18 E			6.0	86.0
8 E			5.3	86.7
Cr			5.7	86.3
11 W			6.6	85.4
13 W			4.2	87.8
		374+50		
13 W			11.7	80.3
Cr			11.1	80.9
2 E			11.0	81.0
18 E	Same stage for 25'	80.39	16.2	75.8
				79.30
TP	1.09	~~82.34~~	12.69	~~81.25~~
		375+00		
13 W			5.7	74.1
2 W			5.1	75.3
Cr			5.8	74.6
13 E			13.0	67.4

		80.4		
		80.39		
		~~82.34~~		
		375+50		
13 E			18.5	61.9
Cr			12.9	67.5
3 W			10.8	69.6
13 W			11.3	69.1
		68.43		67.82
TP	0.61	~~70.38~~	12.57	~~69.77~~
		376+00		
13 W			5.1	63.3
Cr			4.9	63.5
6 E			8.7	59.7
13 E			11.2	57.2
		376+47	20	~~18 C~~
13 E			14.8	53.6
4 E			9.8	58.6
Cr			10.2	58.2
13 W			11.0	57.4
		56.63		56.27
TP	0.36	~~58.58~~	12.16	~~58.22~~
		376+75		
13 W			2.1	54.5
Cr			1.2	55.4
13 E			1.0	55.6
		377+00		
13 E			3.4	53.2
Cr			3.9	52.7
13 W			4.7	51.9
		377+25		
13 W			7.1	48.9
Cr			7.0	49.6
13 E			6.5	50.1

56.63
~~8.58~~

377+50

E		10,1	46.5
cr		10,2	46.4
W		11.1	45.5

377+66.80 EC

W		13,0	43.6
cr		12.2	44.4
E		12,1	44.5
TP EC Hub 0.11	44.47 46.92	12.27	44.36 46.31

378+00

W		4,5	40.0
cr		4.0	40.5
E		3,6	40.9

378+50

E		8,6	35.9
cr		8.9	35.6
9 W		{9.3	35.2
		{7.0	37.5
13 W		6.4	38.1

379+00

13 W		6.8	38.2
3 W		{8.3	36.2
		{13.3	31.2
cr		13.4	31.1
13 E		13.1	31.4

379+31.6 BC

13 W		8.2	36.3
7 W		11.0	33.5

44.47
~~46.42~~

379+50

13 W		11.1	33.4
7 W		14.0	30.5
TP 0.11	31.90 ~~33.88~~	12.68	31.79 ~~33.74~~

379+31.6 BC

2 W		3.9	28.0
cr		3.9	28.0
13 E		3.3	28.6

379+50

13 E		5.1	26.8
cr		5.5	26.4
4 W		5.5	26.4

379+75

13 W		3.5	28.4
9 W		7.9	24.0
cr		7.8	24.1
8 E		7.3	24.6
13 E		10.6	21.3
18 E		14.0	17.9

380+00

13 W		10.0	21.9
3 W		9.3	22.6
cr		10.1	21.8
TP on drainbox 0.55	19.84 21.79	12.61	19.29 ~~21.24~~
13 E		5.1	14.7
20 E		7.0	12.8

19.84
~~21.79~~

380+25

30 E.	11.7	08.1
13 E	9.0	10.8
4 E	8.4	11.4
on	5.4	14.4
7 W	4.0	15.8
18 W	1.2	18.6

380+50

25 W	7.3	12.5
13 W	8.7	11.1
6 W	8.5	11.3
on	10.0	9.8
9 E	12.0	7.8
13 E	12.4	7.4
30 E	13.4	6.4

380+75

30 E	14.7	5.1
13 E	13.5	6.3
on	12.2	7.6
13 W	12.2	7.6
30 W	9.5	10.3

381+00

28 W	11.2	8.6
13 W	12.7	7.1
on	13.6	6.2
13 E	15.1	4.7
30 E	15.3	4.5

19.84
~~21.79~~

381+25

30 E	15.5	4.3
13 E	14.6	5.2
on	13.8	6.0
8 W	11.5	8.3
13 W	10.7	9.1
18 W	~~9.7~~	10.1

381+50

13 W	9.9	9.9
4 W	10.0	9.8
on	11.1	8.7
8 E	13.9	5.9
13 E	14.5	5.3
30 E	15.2	4.6

381+75

30 E	15.0	4.8
13 E	13.8	6.0
3 E	10.7	9.1
on	9.9	9.9
13 W	10.2	9.6

381+99.6 EC

Bm Railroad Spike pole	8.04	11.80
	14.05	~~13.75~~
TP EC Hub. — 4.38	~~16.00~~ 10.17	9.67
		~~11.62~~
13 E	7.8	6.2
~~8~~ E	6.4	7.6
3 E	4.4	9.6
on	4.3	9.7
W	4.6	9.4

14.05
~~16.06~~

382+50

13 E	6.6	7.4
7 E	5.8	8.2
4 E	4.5	9.5
CL	4.4	9.6
13 W	4.7	9.3

383+00

13 W	4.9	9.1
CL	4.7	9.3
4 E	4.9	9.1
7 E	6.0	8.0
13 E	6.6	7.4

383+50

13 E	7.3	6.7
4 E	5.3	8.7
CL	5.1	8.9
13 W	5.2	8.8

384+00

13 W	5.3	8.7
CL	5.1	8.9
4 E	5.2	8.8
8 E	7.0	7.0
13 E	8.1	5.9

384+50

13 E	7.3	6.7
8 E	6.2	7.8
4 E	5.2	8.8

14.05
~~16.06~~

CL	5.1	8.9
13 W	5.4	8.6

385+00

18 W	5.1	8.9
CL	4.9	9.1
5 E	5.0	9.0
8 E	6.4	7.6
13 E	7.4	6.6

385+50

18 E	7.3	6.7
9 E	6.2	7.8
5 E	4.7	9.3
CL	4.5	9.5
13 W	4.9	9.1

386+00

13 W	4.7	9.3
CL	4.2	9.8
6 E	4.3	9.7
10 E	5.7	8.3
13 E	6.5	7.5

386+50

13 E	7.1	6.9
10 E	5.7	8.3
5 E	9.2	9.8
CL	4.0	10.0
13 W	4.7	9.3

		14.05 +6.00		
		387+00		
13W			4,4	9.6
CL			4,2	9.8
7E			4.4	9.6
10E			6.4	7.6
13E			7.2	6.8
		387+50		
13E			7,6	6,4
8E			6.3	7.1
5E			4,5	9.5
CL			4.2	9.8
13W			4.5	9.5
		388+00		
13W			4,4	9.6
CL			4,2	9.8
5E			4.2	9.8
8E			5.6	8.4
13E			7.2	6.8
		388+50		
13E			8,0	6.0
8E			6,1	7.9
5E			4,3	9.1
CL			4,2	9.8
13W			4,6	9.4
TP	3.53	13.34 −5.29	4.24	9.81 +1.76

	13.34 +5.29		
	389+00		
13W		4,1	9.2
CL		3,8	9.5
4E		3.8	9.5
7E		6.0	7.3
13E		7.6	5.1
	389+50		
13E		8.2	5.1
6E		4.3	7.0
3E		4.2	9.1
CL		4,1	9.2
13W		4.5	8.8
	390+00		
13W		4,6	8.7
CL		4.4	8.9
3E		4.6	8.7
5E		5.6	7.7
13E		7.0	6.3
	390+50		
13E		7.7	5.6
5E		5.8	7.5
2E		4.8	8.5
CL		4,6	8.7
13W		4.7	8.6
	391+00		
13W		9.8	8.5
CL		4,9	8.4

13.34
~~15.29~~

2E	5.0	8.3
5E	6.5	6.8
13E	8.0	5.3
	391+50	
13E	8.5	4.8
5E	6.8	6.5
2E	5.3	8.0
CL	5.2	8.1
13W	5.1	8.2
	392+00	
13W	5.2	8.1
CL	5.1	8.2
5E	7.1	6.2
13E	9.4	3.9
	392+50	
13E	8.8	4.5
CL	5.1	8.2
13W	5.3	8.0
	393+00	
13W	5.1	8.2
CL	5.1	8.2
3E	6.5	6.8
13E	9.0	4.3
	393+50	
13E	8.3	5.0
5E	6.6	6.7
2E	4.7	8.6

13.34
~~15.29~~

CL	4.6	8.7
13W	4.6	8.7
	394+00	
13W	4.5	8.8
CL	4.3	9.0
2E	4.4	8.9
5E	6.0	7.3
13E	8.4	4.9
	394+50	
13E	7.2	6.1
8E	6.2	7.1
4E	4.1	9.2
CL	4.0	9.3
13W	4.3	9.0
	395+00	
13W	4.3	9.0
CL	4.0	9.3
5E	4.2	9.1
9E	6.4	6.9
13E	7.5	5.8
	395+50	
13E	6.8	6.5
9E	6.1	7.2
5E	4.1	9.2
CL	4.0	9.3
13W	4.4	8.9

		13.34 +6.29		
		396+00		
13W			4.1	9.2
CR			3.7	9.6
6E			3.6	9.7
10E			5.6	7.7
13E			6.2	7.1
		396+50		
13E			7.2	6.1
6E			3.6	9.7
CR			3,6	9.7
13W			3.9	9.4
T.P	5.24	14.89 +6.84	3.69	9.65 +.60
		397+00		
13W			5.3	9.6
CR			5.0	9.9
6E			4.9	10.0
10E			7.4	7.5
13E			8.5	6.4
		397+50		
13E			8,4	6.5
10E			7,4	7.5
5E			4.9	10.0
CR			4.9	10.0
13W			5.3	9.6
		398+00		
13W			5.1	9.8
CR			4.7	10.2
6E			4.7	10.2
13E			8.1	6.8
		398+50		
13E			7.5	7.4
8E			6.3	8.6
6E			4.7	10.2
CR			4.4	10.5
(13W)			4.9	10.0
		399+00		
13W			4.8	10.1
CR			4.5	10.4
6E			4.6	10.3
9E			7.0	7.9
13E			8.8	6.1
		399+50		
13E			8.2	6.7
5E			4.8	10.1
CR			4.5	10.4
13W			4.7	10.2
		400+00		
13W			5.1	9.8
CR			4.8	10.1
6E			5.2	9.7
13E			8.0	6.9
		400+50		
13E			8.5	6.4
4E			5.2	9.7

14.9
14.89
~~16.84~~

CR	5.1	9.8
13W	5.4	9.5
401+00		
13W	5.7	9.2
CR	5.3	9.6
3E	5.3	9.6
7E	7.2	7.7
13E	8.3	6.6
401+50		
18E	8.9	6.0
4E	6.1	8.8
CR	5.9	9.0
13W	6.1	8.8
402+00		
13W	8.3	6.6
CR	7.9	7.0
5E	8.0	6.9
13E	10.4	4.5
402+50		
13E	14.0	0.9
8E	10.9	4.0
CR	10.6	4.3
13W	10.8	4.1
403+00		
13W	12.3	2.6
CR	12.1	2.8
5E	12.3	2.6

14.89
~~16.84~~

X3E	14.4	0.5
403+50		
13E	14.9	0.0
4E	12.8	2.1
CR	12.8	2.1
13W	13.0	1.9
5.70		1.91
7.70 3.79	7.65 12.98	3.86
404+00		
13E	5.7	0.0
4E	4.2	1.5
CR	4.0	1.7
13W	4.3	1.4
404+50		
13W	4.6	1.1
CR	4.4	1.3
4E	4.4	1.3
13E	5.3	0.4
405+00		
13E	5.2	0.5
6E	4.5	1.2
CR	4.4	1.3
13W	4.7	1.0
405+50		
13W	5.5	0.2
CR	4.9	0.8
13E	4.9	0.8

5.70
~~7.65~~

405+91 52 BC

13 E		4.9	0.8
cr		5.2	0.5
13 W		5.8	-0.1
	406+00		
13 W		5.5	0.2
cr		5.2	0.5
13 E		4.9	0.8
	406+50		
13 E	Roadway	5.0	0.7
cr	"	5.9	-0.2
TW	Floor rock	5.9	-0.2
13 W		4.6	1.1
	407+00		
13 W	loose rock	3.5	2.2
6 W	" "	5.8	-0.1
cr	" "	5.9	-0.2
13 E	roadway	5.1	0.6
	407+50		
13 E	roadway	5.1	0.6
2 E	"	5.4	0.3
cr	loose rock	6.4	-0.7
13 W		4.6	1.1
	408+00		
13 W		6.6	-0.9
cr	roadway	4.8	0.9
13 E	"	4.9	0.8

5.70
~~7.65~~

408+50

13 E		4.2	1.5
cr		4.3	1.4
6 W		4.4	1.3
13 W		8.3	-2.6
	409+06 30 End of bridge		
20 E		11.2	-5.5
10 E		3.6	2.1
cr	Floor level	3.6	2.1
10 W		3.6	2.1
20 W		11.0	-5.3
TP	Spike in North Cor Post of Bridge. 2.32	6.47 / 4.52 3.50	2.40 / 4.15
	411+03 0 End of Bridge		
20 W		8.1	-3.6
8 W		2.9	1.6
cr	Floor level	2.7	1.8
5 E		3.1	1.4
20 E		8.7	-4.2
	411+11 40 angle 18°40' R		
20 E		8.8	-4.3
11 E		2.7	1.8
cr		2.5	2.0
9 W		2.6	1.9
20 W		8.3	-3.8
	411+50		
13 W		3.2	1.3
cr		2.9	1.6

4.52
~~6.47~~

5 E	3.2	1.3
13 E	5.7	-4.2
20 E	9.3	-4.8
	A12+00	
20 E	9.5	-5.0
13 E	8.6	-4.1
7 E	3.6	0.9
cr	3.2	1.3
1 W	3.4	1.1
18 W	7.9	-3.4
	A12+50	
20 W	9.2	-4.7
13 W	7.3	-2.8
7 W	3.5	1.0
cr	3.2	1.3
9 E	3.6	0.9
13 E	7.6	-3.1
20 E	9.2	-4.7
	A13+00	
13 E	3.5	1.0
cr	3.6	0.9
4 W	4.0	0.5
13 W	9.0	-4.5
20 W	9.6	-5.1
	A13+50	
20 W	8.7	-4.2
8 W	7.4	-2.9

4.52
~~6.47~~

2 W	4.3	0.2
cr	4.0	0.5
13 E	3.8	0.7
	A14+00	
13 E	4.2	0.3
cr	4.5	0.0
7 W	8.1	-3.6
20 W	8.6	-4.1
	A14+50	
20 W	8.8	-4.3
3 W	7.4	-2.9
cr	5.1	-0.6
13 E	4.6	-0.1
	A15+00	
13 E	5.2	-0.7
3 E	5.6	-1.1
cr	7.1	-2.6
13 W	7.2	-2.7
	A15+50	
13 W	7.5	-3.0
cr	7.9	-3.4
4 E	6.0	-1.5
13 E	5.6	-1.1
	A16+00	
13 E	5.8	-1.3
7 E	5.9	-1.4
cr	7.2	-2.7

Elev. Top of Rail at Xing - ~~14.80~~ 19.80 - 17.85

4.52
~~6.47~~

13 W		7.4	- 2.9
	416+44 ±	℄ Santa Fe	
13 W		5.7	- 1.2
Cr		6.4	- 0.9
4 E		5.5	- 1.0
13 E		5.5	- 1.0
TP	5.01	4.05 6.00 5.48	-0.96 0.99
	417+00		
13 E		5.1	- 1.1
Cr		5.2	- 1.2
5 W		6.5	- 2.5
13 W		7.4	- 3.4
	417+50		
13 W		7.3	- 3.3
8 W		7.1	- 3.1
5 W		5.3	- 1.3
Cr		5.1	- 1.1
13 E		5.3	- 1.3
	418+00		
13 E		5.3	- 1.3
Cr		5.0	- 1.0
6 W		5.3	- 1.3
9 W		7.0	- 3.0
13 W		7.3	- 3.3
	418+50		
13 W		7.3	- 3.3
8 W		5.1	- 1.1

Jan 9

4.05
~~6.47~~

Cr	4.9	- 0.9
11 E	5.1	- 1.1
13 E	6.7	- 2.7
	419+00	
13 E	6.5	- 2.5
9 E	4.7	- 0.7
Cr	4.1	- 0.4
10 W	4.6	- 0.6
13 W	7.1	- 3.1
	419+50	
13 W	3.8	0.2
Cr	3.4	0.6
13 E	3.6	0.4
	419+60 ± City Line	
13 E	3.5	0.5
Cr	3.5	0.5
13 W	3.7	0.3
BM top of North mon. at Line	4.68	- 0.63
50' on Highway paving	3.4	0.6
100' " " "	3.2	0.8

		404.40			
	1184	410.54	5.70	398.70	
					408
41+50			1.8	408.7	C 5.7
					407
42	42+16 edge of hole.		0.0	410.5	C 3.5
TP	12.86	422.60	0.50	409.74	
					411
+50			9.0	413.6	C 3.6
					415
43			3.5	419.1	C 4.1
TP	9.33	430.45	1.8	421.12	
					419
+50			7.5	423.0	C 4.0
					423
44	about Sta 333+45		7.1	423.4	grade
+					

8% grade

311 assumed grade at Sta 330+00 for 7% Litton Ramp

TP	6.64	335.44		328.80	
30+50			2.5	333.6	315 C 18.0
31+10			12.4	322.6	319.8 + 3.2
+50			7.3	328.1	323 C 5.1
32			2.0	333.4	327 C 6.4
TP	12.82	347.32	0.44	335.00	
+50			11.6	335.7	331 C 4.7
33			3.6	343.7	335 C 8.7
TP	11.63	356.97	1.98	345.34	
+50			7.4	349.6	339 C 10.6
34+26			1.6	355.8	345 C 10.0
TP	13.07	370.00	0.04	356.93	
35			13.7	356.3	351 C 5.3
TP	10.70	379.88	0.82	369.18	
+50			11.0	369	356 C 13.0
36			14.5	364.4	360 C 4.6
37+40			3.5	375.4	371.2 C 4.2
TP	12.57	391.70	0.75	379.13	
38+15			10.7	381.0	377.2 C 3.8
	13.20	404.40	0.5	391.20	
39+15			8.0	396.4	385.2 C 11.2
+50			8.7	395.7	387 C 8.7
39+90			9.3	395.1	390.2 C 5.0
40+50			10.0	394.4	395 F 0.6
41			1.7	402.7	399 C 3.7

410.37

36+50		9.3	401.0	388 C 13.0
37		7.5	402.9	392 C 11.0
+50		1.8	409.1	396 C 13.1
TP	10.16	420.18	0.85	410.02
38		7.0	413.2	400 C 13.2
+45		9.5	410.7	403.6 C 7.1
+60		20.4	399.8	404.8 F 5.0
39		17.0	403.2	408 F 4.8
+50 edge of Hole		10.3	409.9	412 F 2.0
40		8.0	417.2	416 F 3.8
+50 edge of Hole (bottom)		5.6	414.6	420 F 5.4
TP	11.35	430.90	0.63	419.55
+60 Top		4.7	426.2	421 C 5.2
41 edge of road		3.9	427.5	424 C 3.5
+25 C/L of " (Sta 335+00)		5.2	425.7	426 0.3
BM on Guide Post		8.40	422.50	X

333.73
89.27
100
10.73 elev Road at Litton

		30190			
TP	13.13	314.57	0.36	301.54	300
25+50			9.2	3055	C 5.5
					304
26+00			6.0	308.7	C 4.7
					308
26+50			1.9	312.8	C 4.8
TP	9.64	322.95	1.36	313.31	
TP on Saddle at Canon about sta 27+70	11.60	329.10	5.45	317.50	grade
				317.50	
			4.1	328.0	336 C 8.0
30+10 S edge of Canon					
TP	12.68	341.78	0.30	328.80	
TP	13.10	354.05	0.53	340.95	
					340
30+50 10'N of Cor 1337, 1338, 1336, 1339			1.6	352.4	C 12.4
					344
31+00			5.7	348.3	C 4.3
TP	13.15	366.80	0.40	353.65	
					348
31+50			11.2	355.6	C 7.6
					352
32+00			1.8	366.0	C 12.0
					356
+50			0.8	366.0	C 10.0
TP	8.56	375.04	0.32	366.48	
					360
33			8.0	367.0	C 7.0
					364
+50			10.0	365.0	C 1.0
					368
34			2.1	372.9	C 4.9
TP	1.313	387.69	0.48	374.56	
					372
+50			9.0	384.7	C 12.7
TP	13.0	398.49	2.20	385.49	
					376
35 on edge of Hole 25 Dup			6.5	392.0	C 16.0
					380
+50			1.5	397.0	C 17.0
TP	12.42	410.37	0.54	397.95	

		18205			
TP	12.55	194.28	0.32	181.73	
10+50			11.9	182.4	180 C 2.4
					185
11+50			3.2	191.1	C 3.1
TP	12.82	207.05	0.05	194.23	
					196
12+50			8.3	198.7	C 2.7
					200
13+00			6.6	200.4	
TP	13.00	219.84	0.21	206.84	
					208
14+00			11.7	219.1	C 1.1
					216
15+00			2.0	217.8	C 1.8
TP	12.51	232.34	0.01	219.83	
					224
16+00			5.4	226.9	C 2.9
TP	13.66	244.99	0.01	232.33	
					232
17+00			8.9	236.1	C 4.1
TP	13.00	257.91	0.08	244.91	
					240
18+00			15.6	242.3	C 2.3
					248
19+00			7.7	250.2	C 2.2
TP	13.12	271.96	0.07	257.84	
					256
20+00			11.00	260.0	C 4.0
					260
20+50			7.0	264.0	C 4.0
TP	12.00	281.36	1.60	269.36	
					264
21+00			10.2	271.2	C 7.2
					272
22+00			2.6	278.5	C 6.8
TP	11.38	291.67	1.07	280.29	
					276
22+50			10.2	281.5	C 5.5
					280
23+00			4.8	286.9	C 6.9
23+75					294
TP	10.67	301.90	0.44	291.23	C 8.8

TP			10.1	11010		100. assume Level
25+50	0+00 BC 125 19 cuts				10.1	100.
26+00	+50				11.3	98.8
26+50	+75				14.0	96.1
TP	1+00				13.1	97.0
TP on Ave abandoned	+30				12.3	97.8
	+50				8.9	101.2
29+00	+65				8.6	101.5
TP	TP		12.94	122.78	0.29	109.81
TP	2 edge of Present grade.				9.9	100.2
30+50 10'	+50, 3' Rt. 5. edge of grade.				5.9	116.9 116 C09
31+00	TP.		12.90	13564	0.01	122.74
TP	3+50				9.5	126.1 124 C24
31+50	4				4.5	131.1 128 C31
32+00	TP		12.00	147.42	0.22	135.42
+50	+50				10.3	137.1 135 C51
TP	5 } — Leaves Present grade				3.6	143.8 146 C78
33	+50				2.3	145.1 143 C51
+50	TP.		12.67	15989	0.20	147.22
34	6 (might be fan from 5+50 to 9+50 with 6 on 7 more cut at 8+50)				11.2	148.7 144 C47
TP	7				4.3	155.6 152 C36
+50	TP		12.69	172.33	0.25	159.64
TP	8				7.9	164.4 160 C42
35 on	+50				3.8	168.5 164 C46
+50	TP		12.92	18205	3.20	169.13
TP	9+50				7.1	175.0 172 C30