288

Final Cross Sections.

331+00 — 430+50.

W288

#288

288

338+50 — 71 - 9.1
338+75 — 72 - 72

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O.R.- S.D. 2nd. Main Pipe Line.
U.S.G.S. Datum.

INDEX.

Final Cross Sections - Trench Excavation - Schedule I.

Page	Description
	Sta. 331+00 - Sta. 430+50.

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O.R.-S.D. 2nd. Main Pipe Line
Final Cross Sections - Schedule I.

Sta. 331+00 to Sta.

Contd. from Book # 287 - Page 79.

Feb. 12. 1930.
Cleary + Cool.

Converse - Notes
Hill - Grades
Elliott - ℄
Simpson - Rod.

Sta.	Grade Elev.	Dist.	L.C.	℄	R.C.	End Areas Sq. Ft.	Cu. Yds.
331+00				6.5		31.45	
		50.0					32.75 / 60.65
+50	353.8	360.8		7.0		34.05	
		50.0					31.03 / 57.46
332	365.9	371.7		5.8		28.01	
		31.0					27.04 / 31.05
+31.0	373.4	378.8		5.4		26.08	
		29.4	1.0889				26.32 / 28.66
+60.4	379.3	384.8		5.5		26.57	
		29.9	1.1074				
					Compld. T.M.M.		27.05 / 29.96
					Chd. W.H.S.		
	℄ W.H.S	Compld. W.H.S.		℄ W.H.S.		Compld. W.H.S.	Compld. W.H.S.
							✓ P.C.℄.

						End Areas Sq. Ft.	Cu. Yds
+90.3	382.7	388.4			5.7	27.53	
			29.9	1.1074			28.26 31.30
333+20.2	383.6	389.6			6.0	28.98	
			29.8	1.1038			28.74 31.72
+50	383.3	389.2			5.9	28.50	
			20.0				28.74 21.29
+70	383.2	389.2			6.0	28.98	
			29.9	1.1074			28.02 31.03
+99.9	381.9	387.5			5.6	27.05	
			15.1	.5593			30.28 16.93
334+15	380.3	387.2			6.9	33.52	
			14.8	.5482			34.60 18.97
	✓ W.H.S.				✓ W.H.S.	✓ W.H.S.	Comptd. W.H.S. Comptd. W.H.S. R.A.C.L.

						End Areas Sq. Ft	Cu. Yds.	
+29.8	378.7	386.0			7.3	35.67		
			20.2	.7482			32.81	24.55
+50	375.9	382.1			6.2	29.95		
			10.0				28.98	10.73
+60	374.5	380.3			5.8	28.01		
			30.1	1.1148			26.56	29.61
+90.1	370.3	375.5			5.2	25.12		
			29.9	1.1074			28.28	31.32
335+20	367.2	373.7			6.5	31.45		
			30.0				27.80	30.89
+50	366.3	371.3			5.0	24.15		
			29.9	1.1074		Compt'd. TM.M.	25.60	28.35
						Chd. W.H.S.	compt'd-W.H.S.	Compt'd-W.H.S. A.C.I.

✓-W.H.S.

✓-W.H.S.

						End Areas Sq. Ft.	Cu. Yds
+79.9	367.6	373.2			5.6	27.05	
			29.8	1.1038			28.75 31.73
336+09.7	371.1	377.8			6.3	30.45	
			15.3	.5668			30.20 17.11
+25	373.5	379.7			6.2	29.95	
			17.0				37.20 23.42
+42	376.1	384.9			8.8	44.44	
			28.3	1.0482			37.70 39.52
+70.3	380.4	386.8			6.4	30.95	
			14.7	.5444			30.20 16.44
+85	382.1	388.7			6.1	29.46	
			15.1	.5593			
						Compld. T.M.M.	27.04 15.12
	W.H.S.				W.H.S.	Chd. W.H.S.	
						Compld. W.H.S.	Compld. W.H.S.
						A.C.L.	

					End Areas Sq. Ft.	Cu. Yds
337+00	383.8	388.9		5.1	24.63	
			11.9	.4407		26.08 11.49
+12	384.3	390.0		5.7	27.53	
			18.1	.6704		25.84 17.32
+31	385.0	390.0		5.0	24.15	
			19.9	.7370		28.32 20.87
+50	385.1	391.8		6.7	32.48	
			10.0			34.90 12.93
+60	385.2	392.8		7.6	37.33	
			40.0			43.45 64.37
338	385.5	395.1		9.6	49.57	
			30.0		Compld. TM.M.	48.60 54.00
	✓ - W.H.S.			✓ - W.H.S.	Chd. - W.H.S.	Compld. - W.H.S. Compld. - W.H.S. P.C.L.

					End Areas Sq. Ft.	Cu. Yds
+30	385.7	395.0		9.3	47.6	
			20.0			43.62 32.31
+50	385.8	393.8		8.0	39.6	
			25.0			34.06 31.54
+75	386.0	391.9		5.9	28.50	
			25.0			25.12 23.26
339	384.8	389.3		4.5	21.74	
			50.0			21.98 40.70
+50	382.4	387.0		4.6	22.22	
			25.0			24.88 23.04
+75	381.2	386.9		5.7	27.53	
			25.0			Cmptd. TM.M. 28.02 25.94

✓ - W.H.S. ✓ - W.H.S.

Chd. W.H.S. Compted.-W.H.S. Compted.-W.H.S.

Feb. 13. 1930. Converse – Notes
Fog in A.M. Hill – Grades
Elliott – π
Simpson – Rod.

						End Areas Sq. Ft	Cu. Yds.	
3.40	380.0	385.9			5.9	28.50		
			17.3	.6408			29.48	18.89
+17.3	379.2	385.5			6.3	30.45		
			9.7	.3593			32.78	11.78
+27	378.3	385.5			7.2	35.12		
			11.0				32.54	13.26
+38	377.3	383.5			6.2	29.95		
			9.2	.3407			26.81	9.14
+47.2	376.4	381.3			4.9	23.67		
			29.5	1.0926			23.91	26.12
+76.7	371.4	376.4			5.0	24.15		
			13.3	.4927		Compld. TM.M.	28.06	13.82
	W.H.S.				W.H.S.	Chd. W.H.S.	compld. W.H.S.	compld. W.H.S.
							A. C. L.	

					End Areas Sq. Ft.	Cu. Yds
+90	367.7	374.3			6.6	31.98
			15.7	.5815		28.30 16.46
341+05.7	363.4	368.5			5.1	24.63
			44.3	1.6408		28.04 46.01
+50	349.5	356.0			6.5	31.45
			17.3	.6408		34.12 21.86
+67.3	344.1	351.6			7.5	36.78
			29.0			31.19 33.50
+96.3	336.1	341.4			5.3	25.60
			11.7	.4333		27.05 11.72
342+08	333.8	339.7			5.9	28.50
			12.0			Compld. TM.M. 24.15 10.73
	✓ - W.H.S.			✓ - W.H.S.		Chd. W.H.S.
						Compld. - W.H.S. Compld. - W.H.S. ✓ A.C.L.

+20	331.3	335.4			4.1
			5.7	.2111	
+25.7	330.2	335.1			4.9
			29.7	1.1	
+55.4	326.4	332.5			6.1
			14.6	.5407	
+70	325.7	332.0			6.3
			15.4	.5704	
+85.4	324.8	330.1			5.3
			14.6	.5407	
343	324.5	329.5			5.0
			25.0		

W.H.S. W.H.S.

End Areas Sq. Ft.

19.80		
	21.74	4.59
23.67		
	26.56	29.22
29.46		
	29.96	16.20
30.45		
	28.02	15.98
25.60		
	24.88	13.45
24.15		
Comptd. TM.M.	23.66	21.91

Chd. W.H.S. Comptd.-W.H.S. A.C.L Comptd.-W.H.S. Subtotal 1350.22

						End Areas Sq. Ft.		Cu. Yds
+25	324.0	328.8			4.8	23.18		
					19			
					67			
			35.0				25.84	33.50
+60	324.6	330.5			5.9	28.50		
					29			
					88			
			25.0				26.32	24.37
+85	325.1	330.1			5.0	24.15		
			9.8	.3631			26.80	9.73
+94.8	325.3	331.4			6.1	29.46		
					7			
					91			
			15.2	.5630			33.96	19.12
344+10	326.1	333.9			7.8	38.47		
			14.7	.5444			34.21	18.63
+24.7	327.0	333.2			6.2	29.95		
					16			
					60			
			9.3	.3445		Cmptd. T.M.M.	27.05	9.32
						Chd. W.H.S.		
	✓ – W.H.S.				✓ – W.H.S.		comptd: W.H.S. ✓ D.C.L.	comptd. – W.H.S.

						End Areas Sq. Ft.		Cu. Yds
+34.0	328.3	333.3			5.0	24.15		
			204 ~~24.4~~	.7556			25.60	19.34
+54.4	331.1	336.7			5.6	27.05		
			17.6	.6518			34.22	22.30
+72	334.9	343.2			8.3	41.40		
			11.8	.4371			40.22	17.58
+83.8	337.5	345.4			7.9	39.05		
			16.2	.6			37.36	22.42
345	341.8	349.1			7.3	35.67		
			32.0				37.07	43.94
+32	347.8	355.6			7.8	38.47		
			28.0			Compt'd. T.M.M.	37.90	39.30
	✓ W.H.S.				✓ W.H.S.	Chd. W.H.S.		A.C.L.
							Comptd. W.H.S. ✓ A.C.L.	N.M.B. ✓

+60	353.1	360.7	40.0	7.6
346	360.6	368.4	20.0	7.8
+20	364.4	372.5	15.2 35.2	8.1 .5630
+35.2	367.2	374.8	29.8	7.6 1.1038
+65	370.8	375.7	35.0	4.9
347	372.5	377.6	25.0	5.1

W.H.S. — W.H.S.

End Areas Sq. Ft.	Cu. Yds.
37.33	
37.90	56.15
38.47	
39.34	29.14
40.21	
38.77	21.83
37.33	
30.50	33.67
23.67	
24.15	31.31
24.63	
Computd. W.H.S. Chd. W.H.S.	26.56 24.59 A.C.L.

Computd. W.H.S. A.C.L.

						End Areas Sq. Ft.		Cu. Yds.
+25	373.8	379.7			5.9	28.50		
			25.0				31.28	28.96
+50	375.0	382.0			7.0	34.05		
			25.0				33.52	31.04
+75	374.7	381.5			6.8	33.00		
			25.0				32.22	29.83
348	374.3	380.8			6.5	31.45		
			25.0				30.22	27.98
+25	373.9	379.9			6.0	28.98		
			25.0				25.84	23.93
+50	373.5	378.2			4.7	22.70		
			45.0			Comptd. T.M.M. Chd. W.H.S.	22.70	37.83
	✓ - W.H.S.				✓ - W.H.S.		Comptd. - W.H.S. ✓ A.C.L.	A.C.L. NMB

						End Areas Sq. Ft.		Cu. Yds.
+95	369.7	374.4			4.7	22.70		
			10.0				24.39	9.03
349+05	368.4	373.8			5.4	26.08		
			19.8	.7370			24.15	17.71 ~~17.80~~
+24.8	366.0	370.6			4.6	22.22		
			11.2	.4148			26.58	11.03
+36	363.6	370.0			6.4	30.95		
			18.2	.6741			30.45	20.53
+54.2	359.9	366.1			6.2	29.95		
			30.8	1.1408			32.27	36.81
+85	352.2	359.3			7.1	34.59		
			23.2	.8593		Comptd. T.M.M. Chd. W.H.S.	33.54	28.82
	✓ - W.H.S.				✓ - W.H.S.		Comptd. - W.H.S. ✓ A.C.L.	A.C.L. [illegible]

						End Areas Sq. Ft.		Cu. Yds
350+08.2	346.5	353.2			6.7	32.48		
			14.6	.5407			30.49	16.49
+22.8	342.3	348.2			5.9	28.50		
			13.9	.5148			29.47 ~~29.98~~	15.17 ~~17.17~~ ~~15.28~~
+36.7	337.3	343.6			6.3	30.45		
			7.3	.2705			33.34	9.02
+44	334.0	341.4			7.4	36.22		
			6.4	.2370			34.35	8.14
+50.4	331.1	337.8			6.7	32.48		
			13.3	.4927			31.22	15.38
+63.7	324.1	330.3			6.2	29.95		
			11.3	.4186		Comptd. TM.M Chd. W.H.S.	36.28	15.19
	✓ - W.H.S.				✓ - W.H.S.		Comptd. - W.H.S. ✓ A.C.L.	A.C.L. NMB

+75	317.5	326.0			8.5
			9.2	.3407	
+84.2	312.2	323.7			11.5
			25.8	.9556	
351 +10	312.2	317.9			5.7
			24.8	.9186	
+34.8	312.2	318.1			5.9
			30.0		
+64.8	313.2	319.8			6.6
			29.9	1.1079	
+94.7	316.1	322.8			6.7
			29.6	1.0963	

W.H.S. W.H.S.

End Areas Sq. Ft.	Cu. Yds.
42.60	
	52.84 18.00
63.08	
	45.30 43.24
27.53	
	28.02 25.74
28.50	
	30.24 33.60
31.98	
	32.23 35.69
32.48	
Compt'd. T.M.M. Chd. W.H.S.	33.00 36.18

Compt'd. W.H.S. P.C.L. T.M.M. P.C.L.

						End Areas Sq. Ft.	Cu. Yds.	
352+24.3	321.0 ✓	327.9			6.9 ✓	33.52 ✓		
			25.7 ✓	.9518			36.28 ✓	34.53 ✓
+50	326.1 ✓	334.0			7.9 ✓	39.05 ✓		
			25.0 ✓				40.52 ✓	37.52 ✓
+75	332.1 ✓	340.5			8.4 ✓	41.99 ✓		
			25.0 ✓				39.10 ✓	36.20 ✓
353	338.2 ✓	345.6			7.4 ✓	36.22 ✓		
			25.0 ✓				37.35 ✓	34.58 ✓
+25	344.2 ✓	352.0			7.8 ✓	38.47 ✓		
			25.0 ✓				36.26 ✓	33.57 ✓
+50	350.2 ✓	357.2			7.0 ✓	34.05 ✓		
			20.0 ✓			Comptd. T.M.M.	34.05 ✓	25.22 ✓
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Comptd. W.H.S. ✓ A.C.L.	A.C.L. TMM ✓

						End Areas Sq. Ft.		Cu. Yds
+70	355.0	362.0			7.0	34.05		
			15.4	.5704			32.50	18.54
+85.4	358.8	365.2			6.4	30.95		
			29.4	1.0889			29.24	31.84
354+14.8	364.5	370.2			5.7	27.53		
			15.2	.5630			28.99	16.32
+30	366.8	373.1			6.3	30.45		
			25.0				30.20	27.96
+55	370.5	376.7			6.2	29.95		
			15.3	5668			27.05	15.33
+70.3	372.8	377.8			5.0	24.15		
			29.8	1.1038		Comptd. TM.M.	23.18	25.59
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Comptd-W.H.S. ✓ A.C.L.	A.C.L. [illegible]

					End Areas Sq. Ft.	Cu. Yds.
355+00	376.2	380.8		4.6	22.22	
			30.0			22.70
+30.1	377.3	382.1		4.8	23.18	25.22
			19.9			23.66
				7370		17.44
3 +50	377.3	382.3		5.0	24.15	
			25.0			24.15
						22.36
+75	377.3	382.3		5.0	24.15	
			25.0			23.66
						21.91
356	377.3	382.1		4.8	23.18	
			50.0			24.15
						44.72
+50	375.3	380.5		5.2	25.12	
			25.0			Compld. M.M. 25.60
						23.70
	✓ - W.H.S.			✓ - W.H.S.		Chd. W.H.S. Compld. - W.H.S. A.C.L. A.C.L. ✓

Subtotal 2894.40 ✓ A.C.L.

						End Areas Sq. Ft		Cu. Yds
+75	374.3	379.7			5.4	26.08		
			25.0				24.63	22.80
357	373.3	378.1			4.8	23.18		
			50.0				22.94	42.48
+50	371.3	376.0			4.7	22.70		
			35.0				25.60	33.19
+85	368.6	374.5			5.9	28.50		
			30.0				26.56	29.51
358+15	366.4	371.5			5.1	24.63		
			20.0				22.70	16.82
+35	364.8	369.1			4.3	20.77		
			20.0			Comptd. T.M.M.	22.22	16.46
						Chd. W.H.S.		A.C.L.
	✓ - W.H.S.						Comptd.-W.H.S. ✓ A.C.L.	[illegible]

						End Area Sq. Ft.		Cu. Yds
+55	363.3	368.2			4.9	23.67		
			15.0				21.01	~~12.06~~ 11.67
+70	362.2	366.0			3.8	18.35		
			30.0				17.87	19.86
359	359.9	363.5			3.6	17.39		
			35.0				24.42	31.66
+35	354.6	361.1			6.5	31.45		
			15.0				30.70	17.06
+50	352.4	358.6			6.2	29.95		
			25.0				31.22	28.91
+75	348.6	355.3			6.7	32.48		
			25.0			Compted. TM.M.	31.22	28.91
	✓ - W.H.S				✓ - W.H.S.	Chd. W.H.S.	Compted.- W.H.S. ✓ A.C.L.	A.C.L. NMB

360	344.9	351.1		6.2	
			25.0		
+25	339.8	346.9		7.1	
			15.0		
+40	336.8	345.0		8.2	
			30.0		
+70	330.7	338.4		7.7	
			20.0		
+90	326.7	331.5		4.8	
			15.0		
361+05	323.6	330.6		7.0	
			10.0		

W.H.S.

W.H.S.

End Areas Sq. Ft. | Cu. Yds

29.95		
	32.27	29.88
34.59		
	37.69	20.94
40.79		
	39.34	43.71
37.90		
	30.54	22.62
23.18		
	33.62	18.68
34.05		
Computd. T.M.M.	31.76	11.76
Chd. W.H.S.	Computd. W.H.S. A.C.L.	A.C.L. T.M.M.

					End Areas 34 Ft.		Cu. Yds
+15	321.6	327.7		6.1	29.46		
			10.0			26.08	9.66
+25	321.6	326.3		4.7	22.70		
			10.0			23.66	8.76
+35	321.6	326.7		5.1	24.63		
			8.0			27.79	8.23
+43	321.6	328.0		6.4	30.95		
			17.0			35.00 ~~39.05~~	22.09
+60	321.6	329.5		7.9	39.05		
			25.0			34.50 ~~30.45~~	31.99
+85	326.7	332.9		6.2	29.95		
			15.0				
					Comptd. TH.M.	30.20	16.78
					Chd. w.H.S.	comptd.-w.H.S. A.C.L.	A.C.L.

✓ - w.H.S.

✓ - w.H.S.

					End Areas Sq. Ft.	Cu. Yds
362	329.7	336.0		6.3	30.45	
			30.0			35.92 39.91
+30	337.0	345.3		8.3	41.40	
			11.1	.4111		39.36 16.18
+41.1	339.7	347.3		7.6	37.33	
			16.9	.6259		37.06 23.20
+58	343.1	350.6		7.5	36.78	
			12.5			34.38 15.92
+70.5	345.6	352.2		6.6	31.98	
			29.5			27.82 30.40
363	349.2	354.1		4.9	23.67	
			15.0		Compld. TM.M.	26.08 14.49
	W.H.S.			W.H.S.	Chd. W.H.S.	Compld.-W.H.S. A.C.L. A.C.L.

					End Areas Sq. Ft.	Cu. Yds
+15	349.8	355.7		5.9	28.50	
			15.2	.563		27.05 15.23
+30.7	350.4	355.7		5.3	25.60	
			19.4	.718		25.60 18.39
+49.6	350.4	355.7		5.3	25.60	
			20.4	.755		27.78 20.99
+70	349.4	355.6		6.2	29.95	
			9.5	.351		29.22 10.28
+79.5	349.0	354.9		5.9	28.50	
			20.5			29.22 22.19
364	347.0	353.2		6.2	29.95	
			15.0			Comptd. T.M.M. 28.25 15.70
						Chd. W.H.S. R.C.L.
	✓-W.H.S.			✓-W.H.S.		Comptd.-W.H.S. ✓ R.C.L.

						End Areas Sq. Ft.	Cu. Yds
+15	345.5	351.3			5.8	28.01	
			24.8	.9184			25.36 23.30
+39.8	343.2	347.9			4.7	22.70	
			15.2	.5630			21.25 11.96
+55	342.3	346.4			4.1	19.80	
			14.7	.5444			22.70 12.36
+69.7	341.5	346.8			5.3	25.60	
			30.0				27.53 30.59
+99.7	342.2	348.3			6.1	29.46	
			29.8	1.1038			36.33 40.10
365+29.5	345.3	353.9			8.6	43.20	
			14.5				
						Computd. TM.M.	43.82 23.53
						Chd. W.H.S.	A.C.L.

✓ W.H.S.

✓ W.H.S.

Computd. W.H.S. ✓ A.C.L.

+44	348.0	356.8			8.8		
			15.0				
+59	350.7	359.7			9.0		
			26.4	.9778			
+85.4	356.7	364.3			7.6		
			14.6	.5907			
366	359.3	366.1			6.8		
			14.9	.3518			
+14.9	361.9	367.8			5.9		
			10.1	.3741			
+25	363.1	369.2			6.1		
			42.6	1.5778			

✓-W.H.S. ✓-W.H.S.

End Areas Sq. Ft.		Cu. Yds.	
44.44			
	45.06		25.04
45.69			
	41.51		40.59
37.33			
	35.16		19.01
33.00			
	30.75		16.97
28.50			
	28.98		10.84
29.46			
Computd. T.M.M.	25.36		40.01
Chd. W.H.S.	Computd. W.H.S. A.C.C.		R.C.L.

+67.6	368.5	372.9		4.4	
			29.9	1.1070	
+97.5	371.1	375.9		4.8	
			30.0		
367 +27.5	371.5	376.3		4.8	
			22.5		
+50	370.1	373.9		3.8	
			7.5		
+57.5	369.7	374.1		4.4	
			8.5		
+66	363.8	373.8		5.0	
			8.0		

✓ - W.H.S.

✓ - W.H.S.

End Areas Sq. Ft.		Cu. Yds
21.25		
	22.22	24.6
23.18		
	23.18	25.76
23.18		
	20.76	17.30
18.35		
	19.80	5.50
21.25		
	22.70	7.15
24.15		
Compld. TM.M.	21.98	6.51
Cld. W.H.S.	Compld.-W.H.S.	A.C.L.
	✓ A.C.L.	

					End Areas Sq. Ft.	Cu. Yds.	
+74	368.0	372.1		4.1	19.80		
			16.0			21.74	12.88
+90	366.5	371.4		4.9	23.67		
			10.0			23.18	8.59
368	365.5	370.2		4.7	22.70		
			20.0			21.74	16.10
+20	363.5	367.8		4.3	20.77		
			30.0			20.04	22.27
+50	360.5	364.5		4.0	19.32		
			20.1			23.42	17.44
+70.1	358.6	364.3		5.7	27.53		
			29.9	1.107 q			
					Compt'd. T.M.M.	27.29	30.22
					Chd. W.H.S.	Compt'd. - W.H.S. A.C.L.	A.C.L.

Subtotal 4170.24 A.L.V.

← - W.H.S.

← - W.H.S.

					End Areas Sq. Ft.	Cu. Yds.
369	356.8	362.4		5.6	27.05	
			30.0			27.29 30.32
+30	357.5	363.2		5.7	27.53	
			40.0			27.77 41.14
+70	360.1	365.9		5.8	28.01	
			30.0			27.04 30.09
370	362.0	367.4		5.4	26.08	
			25.0			27.77 25.71
+25	363.6	369.7		6.1	29.46	
			25.0			28.26 26.17
+50	365.2	370.8		5.6	27.05	
			25.0			
					Compld. TM.M.	26.08 24.15
					Chd. W.H.S.	A.C.L.
	W.H.S.			W.H.S.		Compld. W.H.S. A.C.L.

						End Areas Sq. Ft.		Cu. Yds
+75	365.3	370.5			5.2	25.12		
			25.0				24.88	23.04
371	365.4	370.5			5.1	24.63		
			50.0				24.15	44.72
+50	365.7	370.6			4.9	23.67		
			20.0				24.40	18.08
+70	365.8	371.0			5.2	25.12		
			30.0				24.88	27.64
372	365.9	371.0			5.1	24.63		
			35.0				27.79	36.02
+35	366.1	372.5			6.4	30.95		
			29.9	1.1074		Comptd. TM.M.	29.48	32.65
	✓-W.H.S.				✓-W.H.S.	Chd. W.H.S.		A.C.L.
							Comptd.-W.H.S. ✓A.C.L.	[illegible]

						End Areas	Cu. Yds
+64.9	367.7	373.5			5.8	28.01	
			35.1	1.3			26.32 39.22
373	371.3	376.4			5.1	24.63	
			35.1	1.3			24.39 31.71
+35.1	374.9	379.9			5.0	24.15	
			14.9	.5518			26.08 14.39
+50	375.6	381.4			5.8	28.01	
			15.0				26.80 14.89
+65	376.4	381.7			5.3	25.60	
			35.0				25.36 32.87
374	376.4	381.6			5.2	25.12	
			20.0				
	W.H.S.				W.H.S.	Comptd. M.M.	26.32 19.50
						Chd. W.H.S.	A.C.L.
						Comptd-W.H.S. A.C.L.	

+20	376.4	382.1		5.7
			30.0	
+50	376.4	381.0		4.6
			30.0	
+80	374.4	379.8		5.4
			20.0	
375	373.0	377.8		4.8
			50.0	
+50	369.7	374.6		4.9
			20.0	
+70	368.3	373.6		5.3
			30.0	

W.H.S.

W.H.S.

End Areas	Cu. Yds.
27.53	
	24.88 — 27.64
22.22	
	24.15 — 26.83
26.08	
	24.63 — 18.25
23.18	
	23.42 — 43.37
23.67	
	24.64 — 18.25
25.60	
Comptd. TH.M. 25.60	28.44
Chd. W.H.S.	R.C.L.

Comptd. W.H.S. & R.C.L.

					End Areas	Cu. Yds
376	366.3	371.6		5.3	25.60	
			25.0		25.60	23.70
+25	364.7	370.0		5.3	25.60	
			25.0		26.08	24.15
+50	363.0	368.5		5.5	26.57	
			50.0		22.94	42.48
377	363.0	367.0		4.0	19.32	
			19.9	.7370	18.12	13.35
+19.9	363.0	366.5		3.5	16.91	
			15.1	.5593	18.36	10.27
+35	362.5	366.6		4.1	19.80	
			14.9	.5518	Compld. M.M. 19.80	10.93
	✓ - W.H.S.			✓ - W.H.S.	Chd. W.H.S.	Compld. - W.H.S. A.C.L. A.C.L.

						End Areas	Cu. Yds
+49.9	362.0 ✓	366.1			4.1 ✓	19.80 ✓	
			15.1 ✓	.5093			21.98 ✓ 12.29 ✓
+65	360.4 ✓	365.4			5.0 ✓	24.15 ✓	
			14.8 ✓	.5482			24.88 ✓ 13.64 ✓
+79.8	358.8 ✓	364.1			5.3 ✓	25.60 ✓	
			25.4 ✓	9407			26.56 ✓ 24.98 ✓
378+05.2 ✓	355.3 ✓	361.0			5.7 ✓	27.53 ✓	
			29.9 ✓	1.1074			25.84 ✓ 28.62 ✓
+38.1	352.3 ✓	357.3			5.0 ✓	24.15 ✓	
			29.9 ✓	1.1079			24.88 ✓ 27.55 ✓
+65	351.8 ✓	357.1			5.3 ✓	25.60 ✓	
			30.0 ✓			Compta. TM.M.	24.88 ✓ 27.64 ✓
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Compld.-W.H.S. ✓ A.C.L. A.C.L.

					End Areas	Cu. Yds
+95	355.7	358.7		5.0	24.15	
			20.0			21.98 16.28
379+15	355.8	359.9		4.1	19.80	
			35.0			20.38 26.29
+50	359.5	363.8		4.3	20.77	
			25.0			21.98 20.35
+75	362.1	366.9		4.8	23.18	
			25.0			23.42 21.68
380	364.7	369.6		4.9	23.67	
			15.0			24.40 13.56
+15	366.3	371.5		5.2	25.12	
			20.1	.7495	Compld. W.H.S.	23.18 17.24
					Chd. W.H.S.	A.C.L.
	W.H.S.			W.H.S.	Compld. W.H.S. A.C.L.	A.C.L.

					End Areas	Cu. Yds
+35.1	368.4	372.8		4.4	21.25	
			29.9	1.1074		21.50 23.81
+65	370.2	374.7		4.5	21.74	
			15.0			23.18 12.88
+80	370.5	375.6		5.1	24.63	
			20.0			25.84 19.14
381	370.8	376.4		5.6	27.05	
			30.0			28.26 31.40
+30	371.3	377.4		6.1	29.46	
			20.0			28.02 20.76
+50	371.6	377.1		5.5	26.57	
			50.0			
	✓-W.H.S.			✓- W.H.S.	Comptd. T.M.M.	29.40 45.19
					Chd. W.H.S.	Compted.-W.H.S. A.C.L. A.C.L.

					End Areas	Cu. Yds.
382	372.4	377.0		4.6	22.72	
			30.0			24.88 27.69
+30	372.9	378.6		5.7	27.53	
			20.0			26.32 19.50
+50	373.2	378.4		5.2	25.12	
			50.0			22.94 42.48
383	374.0	378.3		4.3	20.77	
			50.0			21.26 39.37
+50	376.2	380.7		4.5	21.74	
			25.0			22.46 20.80
+75	377.4	382.2		4.8	23.18	
			25.0		Compld. T.M.M.	23.90 22.13
					Chd. W.H.S.	Compld.-W.H.S. A.C.L. A.C.L.

✓ - W.H.S. ✓ - W.H.S.

						End Areas		Cu. Yds
384	378.5	383.6			5.1	24.63		
			25.0				26.32	24.37
+25	379.1	384.9			5.8	28.01		
			25.0				29.48	27.30
+50	379.7	386.1			6.4	30.95		
			30.0				30.70	34.11
+80	380.5	386.8			6.3	30.45		
			20.0				29.23	21.65
385	381.0	386.8			5.8	28.01		
			50.0				28.50	52.78
+50	379.8	385.8			6.0	28.98		
			25.0			Comptd. TM.M.	27.29	25.27
						Chd. W.H.S.		A.C.L.
	✓-W.H.S.				✓-W.H.S.		Comptd.-W.H.S. A.C.L.	NMB

Subtotal 5725.88 A.C.L.

					End Areas	Cu. Yds
+75	379.2	384.5		5.3	25.60	
			25.0			26.08 24.15
386	378.6	384.1		5.5	26.57	
			50.0			25.84 ~~25.82~~ 47.85
+50	377.4	382.6		5.2	25.12	
			50.0			24.88 46.08
387	375.1	380.2		5.1	24.63	
			25.0			25.36 23.48
+25	374.0	379.4		5.4	26.08	
			15.0			27.29 15.16
740	373.3	379.2		5.9	28.50	
			35.0			
	w.H.S.			w.H.S.	Compld. TM.M.	27.29 35.38
					Chd. w.H.S.	Compld.-w.H.S. N.C.L. A.C.L.

					End Areas	Cu. Yds
+75	371.7	377.1		5.4	26.08	
			25.0			26.56 / 24.59
388	370.6	376.2		5.6	27.05	
			25.0			27.05 / 25.05
+25	369.4	375.0		5.6	27.05	
			25.0			25.84 / 23.93
+50	368.3	373.4		5.1	24.63	
			25.0			24.15 / 22.36
+75	367.1	372.0		4.9	23.67	
			25.0			25.12 / 23.26
389	366.0	371.5		5.5	26.57	
			25.0		Comptd. TM.M. 26.08	24.15
	✓ - W.H.S.			✓ - W.H.S.	Chd. W.H.S.	Comptd. W.H.S. A.C.L. ✓ A.C.L. A.C.L.

					End Areas	Cu. Yds
+25	365.6	370.9	25.0	5.3	25.60	
					25.12	23.26
+50	365.2	370.3	25.0	5.1	24.63	
					24.39	22.58
+75	364.8	369.8	25.0	5.0	24.15	
					23.91	22.14
390	364.4	369.3	25.0	4.9	23.67	
					23.67	21.92
+25	364.0	368.9	25.0	4.9	23.67	
					23.67	21.92
+50	363.8	368.7	25.0	4.9	23.67	
					Compld. TM M. 22.46	20.80
	✓ - W.H.S.			✓ - W.H.S.	Chd. W.H.S. Compld. - W.H.S. ✓ A.C.L.	A.C.L.

+75	363.6	368.0		4.4
			25.0	
391	363.3	367.8		4.5
			50.0	
+50	362.9	367.9		5.0
			25.0	
+75	362.7	368.2		5.5
			25.0	
397	362.4	368.2		5.8
			25.0	
+25	362.2	367.9		5.7
			25.0	

✓ - W. H.S.

✓ - W. H.S.

End Areas	Cu. Yds
21.25	
	21.50 ✓ 19.91 ✓
21.74	
	22.94 ✓ 42.48 ✓
24.15	
	25.36 ✓ 23.48 ✓
26.57	
	27.29 ✓ 25.27 ✓
28.01	
	27.77 ✓ 25.71 ✓
27.53	
Comptd. TM. M.	27.05 ✓ 25.05 ✓
Chd. W.H.S.	Comptd. - W.H.S. ✓ A.C.L. A.C.L.

					End Areas	Cu. Yds.
+50	362.0	367.5		5.5	26.57	
			20.0			28.02 / 20.76
+70	360.4	366.5		6.1	29.46	
			30.0			26.80 / 29.78
393	358.0	363.0		5.0	24.15	
			25.0			24.15 / 22.36
+25	356.0	361.0		5.0	24.15	
			15.0			24.15 / 22.36
+50	354.0	359.0		5.0	24.15	
			20.0			23.91 / 17.71
+70	351.1	356.0		4.9	23.67	
			30.0			Comptd. T.M.M. 28.34 / 31.49
	✓ - W.H.S.			✓ - W.H.S.		Chd. W.H.S. Comptd - W.H.S. ✓ R.C.L. R.C.L.

					End Areas	Cu. Yds
394	346.8	353.6		6.8	33.00	
			25.0			32.22 29.83
+25	343.2	349.7		6.5	31.45	
			25.0			30.22 27.98
+50	339.6	345.6		6.0	28.98	
			20.0			32.60 29.15
+70	335.2	342.6		7.4	36.22	
			30.0			41.28 45.87
395	328.5	337.6		9.1	46.34	
			25.0			36.70 33.98
+25	323.0	328.6		5.6	27.05	
			15.0			Comptd. MM. 31.36 17.42
	✓ - W.H.S.			✓ - W.H.S.		Chd. W.H.S. A.C.L.
						Comptd. - W.H.S. ✓ A.C.L. MMB

+40	318.6	325.9		7.3
			20.0	
+60	312.7	321.0		8.3
			25.0	
+85	305.4	311.6		6.2
			15.0	
396	301.0	307.5		6.5
			15.0	
+15	296.6	303.5		6.9
			10.0	
+25	293.6	299.2		5.6
			25.0	

✓ - W.H.S.

✓ - W.H.S.

End Areas	Cu. Yds.	
35.67		
	38.54	28.55
41.40		
	35.68	33.04
29.95		
	30.70	17.06
31.45		
	32.48	18.05
33.52		
	30.28	11.22
27.05		
Comptd. T.M.M.	27.53	25.49
Chd. W.H.S.	Comptd. - W.H.S. ✓ P.C.L.	P.C.L.

					End Areas	Cu. Yds
+50	286.3	292.1		5.8	28.01	
			25.0			25.12 23.26
+75	278.9	283.5		4.6	22.22	
			10.0			21.50 7.96
+85	276.2	280.5		4.3	20.77	
			15.0			25.86 14.37
397	272.1	278.5		6.4	30.95	
			27.0			29.48 29.48
+27	264.6	270.4		5.8	28.01	
			23.0			26.08 22.22
+50	258.3	263.3		5.0	24.15	
			15.0			
					Compld. Th.m.	23.18 12.88
	W.H.S.			W.H.S.	Chd. W.H.S.	A.C.L.
					Compld. - W.H.S. A.C.L.	

					End Areas	Cu. Yds
+65	254.2	258.8		4.6	22.22	
			10.0			25.36 9.39
+75	251.5	257.4		5.9	28.50	
			25.0			27.29 25.27
398	244.6	250.0		5.4	26.08	
			20.0			23.18 17.17
+20	240.8	245.0		4.2	20.29	
			20.0			22.94 16.99
+40	236.9	242.2		5.3	25.60	
			10.0			23.42 8.67
+50	234.9	239.3		4.4	21.25	
			25.0			Comptd. TM.M. 24.15 22.36
						Chd. w.H.S. Comptd.-w.H.S. R.C.L. R.C.L.
	✓-w.H.S.			✓-w.H.S.		

						End Areas		Cu. Yds.
+75	230.1	235.7			5.6	27.05		
			10.0				29.00	10.74
+85	228.2	234.6			6.4	30.95		
			20.7	.7667			32.50	24.92
399+05.7	224.1	231.1			7.0	34.05		
			29.3	1.0853				
							32.75	35.54
+35	217.5	224.0			6.5	31.45		
			20.0				33.02	24.46
+55	211.7	218.8			7.1	34.59		
			8.8	.3260			33.54	10.93
+63.8	209.2	215.9			6.7	32.48		
						Comptd. T.M.M.	27.83	29.07
			28.2	1.0444		Chd. W.H.S.		A.C.L.
	✓-W.H.S.				✓-W.H.S.		Comptd.-W.H.S. ✓ A.C.L.	N.M.B. ✓

Subtotal 7158.62 ✓ A.C.L.

					End Areas	Cu. Yds
+92	199.1 ✓	203.9		4.8 ✓	23.18 ✓	
			18.0			27.58 ✓ 18.39 ✓
400 +10	192.0 ✓	198.6		6.6 ✓	31.98 ✓	
			30.0			35.80 ✓ 39.78 ✓
+40	180.0 ✓	188.0		8.0 ✓	39.62 ✓	
			6.0			35.54 ✓ 7.90 ✓
+46	179.9 ✓	186.4		6.5 ✓	31.45 ✓	
			29.0			29.73 ✓ 31.93 ✓
+75	179.5 ✓	185.3		5.8 ✓	28.01 ✓	
			25.0			26.80 ✓ 24.81 ✓
401	179.7 ✓	184.5		5.3 ✓	25.60 ✓	
			10.0			
	✓ - W.H.S.			✓ - W.H.S.	Comptd. M.M.	24.15 ✓ 8.95 ✓
					Chd. W.H.S.	R.C.L.
					Comptd. W.H.S. ✓ R.C.L.	

					End Areas		Cu. Yds	
+10	179.1	183.8		4.7	22.70			
			15.0			24.88	13.82	
+25	178.9	184.5		5.6	27.05			
			18.0			25.36	16.91	7321.11
+43	178.8	183.7		4.9	23.67			
			22.0			26.56	~~17.11~~ 21.64	
+65	178.4	184.5		6.1	29.46			
			35.0			23.74	30.77	
40	178.8	184.6		5.8	28.01			
			50.0			25.84	47.85	
+50	179.5	184.4		4.9	23.67			
			40.0		Comptd. T.M.M.	29.40	43.56	
					Chd. W.H.S.	Comptd.-W.H.S. A.C.L.	A.C.L. NMB	
	-W.H.S.			-W.H.S.				

					End Areas	Cu. Yds
+90	180.0	187.2		7.2	35.12	
			10.0		31.81	11.78
403	183.9	189.8		5.9	28.50	
			15.0		26.56	14.76
+15	189.8	194.9		5.1	24.63	
			15.0		29.61	16.45
+30	195.6	202.7		7.1	34.59	
			20.0		40.46	29.97
+50	203.4	212.5		9.1	46.34	
			8.0		38.90	11.53
+58	206.5	213.0		6.5	31.45	
			3.0		Comptd. D.M.M. 34.12	3.79
	W.H.S.			W.H.S.	Chd. W.H.S.	A.C.L.
					Comptd. W.H.S. A.C.L	

Feb. 24. 1930
Weather-Clear + Cool.

Converse - Notes
Hill - Grades
Elliott

					End Areas	Cu. Yds
+61	207.7	215.2		7.5	36.78	
			28.5			34.38 36.29
+89.5	217.0	223.6		6.6	31.98	
			10.5			30.00 11.67
404	219.8	225.6		5.8	28.01	
			25.0			27.77 25.71
+25	226.4	232.1		5.7	27.53	
			25.0			27.53 25.49
+50	233.0	238.7		5.7	27.53	
			25.0			27.29 25.27
+75	239.6	245.7		5.6	27.05	
			25.0		Compted. TM.M.	28.50 26.39
					Chd. W.H.S.	compted.-W.H.S. A.C.L. A.C.L.

✓-W.H.S. ✓-W.H.S.

405	246.2	252.4		6.2
			25.0	
+25	251.8	257.7		5.9
			25.0	
+50	257.4	263.1		5.7
			50.0	
406	268.7	274.2		5.5
			25.0	
+25	274.3	280.2		5.9
			25.0	
+50	279.9	285.9		6.0
			25.0	

r - w.H.S. r - w.H.S.

End Areas	Cu. Yds
29.95	
	29.22 27.05
28.50	
	28.02 25.94
27.53	
	27.05 50.09
26.57	
	27.54 25.50
28.50	
	28.74 26.61
28.98	
Comptd. TM.M. 28.74	26.61
Chd. w.H.S.	A.C.L.
Comptd.-w.H.S. & A.C.L.	

						End Areas	Cu. Yds
4	+75	285.6	291.5		5.9	28.50	
				25.0			27.05 25.05
	A07	291.2	296.5		5.3	25.60	
				20.0			28.02 20.76
	+20	294.8	301.1		6.3	30.45	
				30.0			28.51 31.68
4	+50	300.2	305.7		5.5	26.57	
				15.0			27.78 15.43
	+65	302.9	308.9		6.0	28.98	
				20.4	.755		28.02 21.17
	+85.4	306.6	312.0		5.6	27.05	
				14.6	.5407	Compld. TM.M.	25.84 13.97
						Chd. W.H.S.	R.C.L.
		W.H.S.			W.H.S.	Compld.-W.H.S	N.M.B.
						R.C.L.	

						End Areas		Cu. Yds
408	308.7	313.8			5.1	24.63		
			15.1	.5593			22.46	12.56
+15.1	310.8	315.0			4.2	20.29		
			30.0				20.53	22.81
+45.1	312.8	317.1			4.3	20.77		
			29.9	1.1079			23.91	26.48
+75	313.9	319.5			5.6	27.05		
			25.0				27.53	25.49
409	314.8	320.6			5.8	28.01		
			25.0				27.53	25.49
+25	315.7	321.3			5.6	27.05		
			25.0			Compt'd. Th. M.	23.67	21.92
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Compt'd. - W.H.S. ✓ A.C.L.	A.C.L. [illegible]

					End Areas	Cu. Yds
+50	316.6	320.8		4.2	20.29	
			30.0			24.40 / 27.11
+80	317.7	323.6		5.9	28.50	
			20.0			21.84 / 29.48 / 51.32
410	318.4	324.7		6.3	30.45	
			50.0			29.23 / 54.13
+50	322.5	328.3		5.8	28.01	
			40.0			28.74 / 42.58
+90	325.8	331.9		6.1	29.46	
			10.0			28.02 / 10.38
411	326.6	332.1		5.5	26.57	
			20.0		Compt'd. Th. M. 27.78	20.58
	✓ - W.H.S.			✓ - W.H.S.	Chd. W.H.S.	A.C.L.
					Compt'd. - W.H.S. ✓ A.C.L.	WMB

+20	328.2	334.2		6.0	
			29.9		1.1074
+49.9	331.7	338.5		6.8	
			29.5		
+79.4	337.2	342.7		5.5	
			20.6		.7630
41	341.7	346.7		5.0	
			20.0		
+20	346.1	350.9		4.8	
			30.0		
+50	352.7	356.4		3.7	
			30.9		1.1444

W. H. S.

W. H. S.

End Areas		Cu. Yds
28.98		
	30.99	34.32
33.00		
	29.78	32.54
26.57		
	25.36	19.35
24.15		
	23.66	17.53
23.18		
	20.52	22.80
17.87		
Computd. T.M.m.	15.70	17.97
Chd. W.H.S.	Computd-w.H.S. A.C.L.	A.C.L.

Feb. 28, 1930. Converse - Notes
Clear + Cool. Hill - Grades
Elliott - Rod.
Simpson -

					End Areas	Cu. Yds.
+80.9	359.5	362.3		2.8	13.52	
			19.1	.7079		14.00 9.90
413	363.0	366.0		3.0	14.49	
			10.4	.3852		12.80 4.93
+10.4	364.9	367.2		2.3	11.11	
			14.6	.5407		14.01 7.58
+25	366.5	370.0		3.5	16.91	
			15.2	.5630		17.88 10.07
+40.2	368.1	372.0		3.9	18.84	
			14.8	.5482		20.29 11.12
+55	368.7	373.2		4.5	21.74	
			15.2	.5630	Computd. T.M.M.	21.50 12.10
					Chd. W.H.S.	A.C.L.
					Computd.-W.H.S.	
					A.C.L.	

Subtotal 8525.47 A.C.L.

W-W.H.S.

W-W.H.S.

						End Areas		Cu. Yds
+70.2	369.2	373.6			4.4	21.25		
			29.8	1.1038			21.98	24.26
414	369.2	373.9			4.7	22.70		
			35.0				22.46	29.11
+35	369.2	373.8			4.6	22.22		
			29.9	1.1074			21.98	24.34
+64.9	367.5	372.0			4.5	21.74		
			15.1	.5593			24.88	13.92
+80	365.7	371.5			5.8	28.01		
			20.0				25.60	18.96
415	363.4	368.2			4.8	23.18		
			20.0			Comptd. Tm.M.	23.18	17.17
	✓ - W.H.S.				✓ - W.H.S.	Chd. - W.H.S.	Comptd. - W.H.S. ✓ D.C.L.	A.C.L. RMB

						End Areas		Cu. Yds
+20	361.1	365.9			4.8	23.18		
			30.0				22.46	24.96
+50	357.6	362.1			4.5	21.74		
			15.0				21.26	11.81
+65	355.9	360.2			4.3	20.77		
			15.2	.5630			20.77	11.69
+80.2	354.1	358.4			4.3	20.77		
			19.8	.7370			21.98	16.12 ~~16.20~~
416	352.4	357.2			4.8	23.18		
			10.1	.3741			24.88	9.31
+10.1	351.5	357.0			5.5	26.57		
			30.0			Comptd. T.M.M.	26.81	29.79
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Comptd. - W.H.S. A.C.L.	A.C.L. NMB

					End Areas	Cu. Yds
+40.1	350.7	356.3		5.6	27.05	
			29.9	1.1074		25.12 27.82
+70	351.6	356.4		4.8	23.18	
			30.0			21.74 29.16
417	353.4	357.6		4.2	20.29	
			30.0			20.29 22.59
+30	355.1	359.3		4.2	20.29	
			20.0			20.29 15.03
+50	356.3	360.5		4.2	20.29	
			25.0			20.29 18.79
+75	357.8	362.0		4.2	20.29	
			25.0		Comptd. M.M.	22.70 21.02
	r - W.H.S.			r - W.H.S.	Chd. W.H.S.	D.C.L.
					Comptd. - W.H.S.	
					r D.C.L.	MMB

					End Areas		Cu. Yds
418	359.3	364.5		5.2	25.12		
			15.0			28.28	15.71
+15	360.2	366.7		6.5	31.45		
			10.0			30.70	11.37
+25	360.8	367.0		6.2	29.95		
			25.0			33.08	30.63
+50	360.8	368.2		7.4	36.22		
			25.0			37.92	~~34.53~~ 35.11
+75	360.8	368.8		8.0	39.62		
			25.0			42.03	38.92
419	360.8	369.6		8.8	44.44		
			50.0		Comptd. TM.M.	43.52	80.59
					Chd. W.H.S.		A.C.L.
				✓ - W.H.S.		Comptd.-W.H.S. A.C.L	NMB

						End Areas		Cu. Yds
+50	360.8	369.3			8.5	42.60		
			50.0				33.62	62.26
420	360.8	365.9			5.1	24.63		
			25.0				21.74	20.13 ~~17.96~~
+25	360.8	364.7			3.9	18.84		
			25.0				16.66	15.43 ~~13.76~~
+50	360.8	363.8			3.0	14.49		
			25.0				14.98	13.87 ~~12.37~~
+75	360.8	364.0			3.2	15.46		
			25.0				15.46	14.31 ~~12.77~~
421	360.8	364.0			3.2	15.46		
			25.0			Comptd. T.M.M.	16.42	15.20 ~~13.56~~
	✓ - W.H.S.				✓ - W.H.S.	Chd. W.H.S.	Comptd. - W.H.S. ✓ A.C.L	A.C.L. NMB

					End Areas	Cu. Yds
+25	362.2 ✓	365.8		3.6 ✓	17.39 ✓	
			25.0 ✓		20.28 ✓	(18.78) ✓ ~~1675~~
+50	363.6 ✓	368.4		4.8 ✓	23.18 ✓	
			25.0 ✓		25.12 ✓	(23.26) ✓ ~~2075~~
+75	365.0 ✓	370.6		5.6 ✓	27.05 ✓	
			25.0 ✓		27.78 ✓	(25.72) ✓ ~~22.94~~
422	366.4 ✓	372.3		5.9 ✓	28.50 ✓	
			25.0 ✓		29.22 ✓	(27.05) ✓ 24.13
+25	367.8 ✓	374.0		6.2 ✓	29.95 ✓	
			25.0 ✓		29.70 ✓	(27.50) ✓ 24.53
+50	367.7 ✓	373.8		6.1 ✓	29.46 ✓	
			20.0 ✓		Compld. T.M.M. 30.72 ✓	22.76 ✓
	✓ — W.H.S.			✓ — W.H.S.	Chd. W.H.S.	Compld-W.H.S. A.C.L. A.C.L.

					End Areas		Cu. Yds
+70	367.6	374.2		6.6	31.98		
			30.0			30.72	34.13
423	367.5	373.6		6.1	29.46		
			20.0			30.20	22.37
+20	367.4	373.8		6.4	30.95		
			30.0			28.76	31.96
+50	367.3	372.8		5.5	26.57		
			25.0			23.43	21.69
+75	367.2	371.4		4.2	20.29		
			25.0			20.04	18.56
424	367.1	371.2		4.1	19.80		
			50.0		Computd. TM.M.	20.04	37.11
	✓ - W.H.S.			✓ - W.H.S.	Chd. W.H.S.		A.C.L.
						Computd. - W.H.S. ✓ A.C.L.	W.M.B.

+50	366.9	371.1		4.2
			30.0	
+80	366.8	372.4		5.6
			20.0	
425	366.7	372.4		5.7
			30.0	
+30	366.6	372.2		5.6
			20.0	
+50	366.5	373.3		6.8
			50.0	
4+76	366.3	372.9		6.6
			20.0	

✓ - W.H.S.

✓ - W.H.S.

End Areas		Cu. Yds
20.29		
	23.67	
	~~33.57~~	26.30
27.05		
	27.29	20.22
27.53		
	27.29	30.32
27.05		
	30.02	22.29
33.00		
	32.49	(60.17) ~~60.15~~
31.98		
Comptd. M.M.	32.23	23.88
Chd. W.H.S.	Comptd.-W.H.S. A.C.L.	A.C.L. MMB

					End Area	Cu. Yds
+20	366.2 ✓	372.9		6.7 ✓	32.48 ✓	
			20.0 D			36.64 D 27.14 ✓
+40	366.1 ✓	374.3		8.2 ✓	40.79 ✓	
			10.0 D			39.92 D 14.79 ✓
+50	366.1 ✓	374.0		7.9 ✓	39.05 ✓	
			25.0 D			34.50 D 31.94 ✓
+75	366.0 ✓	372.2		6.2 ✓	29.95 ✓	
			25.0 D			29.22 D 27.05 ✓
427	365.4 ✓	371.3		5.9 ✓	28.50 ✓	
			30.0 D			27.29 D 30.32 ✓
+30	364.7 ✓	370.1		5.4 ✓	26.08 ✓	
			20.0 D			Comptd. TM.M. 23.42 D 17.35 /
	✓ - W.H.S.			✓ - W.H.S.		Chd. W.H.S. A.C.L.
						Comptd. W.H.S. ✓ A.C.L. WMB

					End Areas	Cu. Yds
+50	364.2	368.5	50.0	4.3	20.77	
					21.98	40.70
428	363.0	367.8	50.0	4.8	23.18	
					21.25	39.35
+50	361.8	365.8	50.0	4.0	19.32	
					23.42	43.37
429	361.7	367.4	25.0	5.7	27.53	
					25.84	23.93
+25	361.7	366.7	25.0	5.0	24.15	
					27.55	25.51
+50	361.7	368.1	25.0	6.4	30.95	
					Compt'd. T.M.M. 32.77	30.34
					Chd. W.H.S.	A.C.L.
					Compt'd. W.H.S. A.C.L.	WMB

✓ - W.H.S.

✓ - W.H.S.

					End Areas		Cu. Yds
+75	361.6	368.7		7.1	34.59		
			25.0			36.24	33.55
430	361.6	369.3		7.7	37.90		
			30.0			40.86	45.40
+30	360.2	368.9		8.7	43.83		
	Sta. 430+30 = end 4.82 Trench. Trench tapers from 4.82 at 430+30 to 4.50 at 430+50.						
			20.0			43.60	32.30
+50	359.3	368.4		9.1	43.37		

Contd. in Book #289 - Page 1.

Total this book 10196.86 A.C.L. 10/10/30
9/26/30 M.D.E.

Compt'd T.M.M.
Chd. W.H.S.
A.C.L.
A.C.L.
N.M.B.

✓ - W.H.S.

430 +36

+50

IMPROVED TABLES
AND
INFORMATION

353C85