

1373

Torrey

1875

1875

1875

Nov. Estimate

Dec. Estimate Taken Dec. 29-1930

Jan. ✓

Jan 28 1931

Feb ✓

Feb - 1931

March ✓

March 24 - 1931

MICROFILMED

DEC 23 1964

No. 385 P. 23 7/2/30 H.H.

440+00

Right

ground

12.2	23.4
02	1.01
12.2	33.5
12.2	5.5
24.4	28.0
36	fill

Our Leather Bound Engineers Note Books are carried in the following rulings:

- No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.
- No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.
- No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.
- No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

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THE FREDERICK POST CO.
 ENGINEERING and DRAFTING SUPPLIES
 IRVING PARK STATION
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overhaul from Big Out.
436+85 - 445+50 Jan-20-31 31-36
449+50 - 458+50 ✓ 37-40
433+60 - 437+90 ✓ 22-31 41-43

March 26-1931
461 to 485 57-65

7/1/31

Final X-Sections New Torrey Pines Rd.

STA	+	H.I.	-	Elav.
B.M. on Bc. Curve about 1000' South Lodge				346.43
	12.54	358.97		
T.P.			1.04	357.93
	12.92	370.85		
T.P.			0.41	370.44
	11.88	382.32		
T.P.			0.31	382.01
	8.73	390.74		
T.P. B.M. # 1			7.38	383.36
	10.43	393.79 ✓		
	0+00	B.C.		
50-E			2.5	391.3
23-E			3.8	390.0
15-E			4.8	389.0
14-E			6.0	387.8
8-E Edge Pavement			5.90	387.9
¢			5.84	387.95
8-W " "			5.98	387.81
23-W			5.6	388.2
50-W			7.2	386.6
	0+50			
50-W			9.3	384.5
23-W			8.2	385.6
7-W Edge Pavement			7.71	386.08
¢			7.58	386.21

Jacques Bailey } Clavert } Dec. 2nd 1929.
Morgan }

STA	+	H.I.	-	Elav.
1-E	¢ Pavement		7.58	386.21
9-E	Edge Pavement		7.62	386.17
15-E			8.0	385.8
16-E			7.1	386.7
23-E			5.9	388.4
50-E			4.2	389.6
	1+00			
50-E			5.8	388.0
37-E			6.8	387.0
23-E			8.7	385.1
19-E			9.0	384.8
18-E			9.7	384.1
12-E	Edge Pavement		9.28	384.41
4-E	¢ Pavement		9.32	384.47
¢			9.39	384.40
4-W	Edge Pavement		9.52	384.27
23-W			10.6	383.2
50-W			12.6	381.2
	1+50			
50-W			15.8	378.0
23-W			13.8	380.0
7-W			11.3	382.5
¢	Edge Pavement		11.15	382.64
8-E	¢ Pavement		11.05	382.74
16-E	Edge "		11.15	382.64

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
23-E			11.2	382.6	45-E			6.5	377.8
50-E			8.6	385.2	50-E			12.7	371.6
	2+00					3+00			
50-E			12.0	381.8	50-E			7.3	377.0
36-E			14.4	379.4	40-E	Edge	Pavement	6.85	377.41
29-E			12.7	381.1	32-E	¢	"	6.72	377.54
23-E			13.0	380.8	23-E	Edge	"	6.84	377.82
22-E	Edge	Pavement	12.88	380.91	17-E			6.7	377.6
14-E	¢	"	12.70	381.1	10-E			9.3	375.0
6-E	Edge	"	12.85	380.94	¢			10.2	374.1
¢			12.7	381.1	23-W			11.4	372.9
3-W			13.2	380.6	50-W			12.5	371.8
7-W			15.3	378.5		3+50			
23-W			16.3	377.5	50W			13.9	370.4
50-W			18.0	375.8	23W			12.4	371.9
	2+50				¢			11.7	372.6
50-W			19.3	374.5	23E			11.1	373.2
23-W			18.5	375.3	30E			9.0	375.3
¢			17.2	376.6	35E	Edge	of pavement	8.54	375.72
6-E			15.2	378.6	43E	¢	"	8.48	375.78
T.P.			12.90	380.89	50E			8.64	375.62
	3.37	384.26				4+00			
13-E	Edge	Pavement	5.02	379.24	50E	Pavement		9.91	374.35
21-E	¢	"	4.89	379.37	46E	Edge	Pavement	9.95	374.31
29-E	Edge		5.07	379.19	38E			10.6	373.7

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev.
33E			12.0	372.3	6+00				
23E			12.9	371.4	50-E			9.3	364.5
ϕ			13.0	371.3	23-E			9.9	363.9
23W			14.8	369.5	ϕ			10.3	363.5
50W			15.6	368.7	23-W			10.8	363.0
	4+50				50-W			11.2	362.6
50W			17.0	367.3	6+50				
23W			16.4	367.9	50-W			12.6	361.2
ϕ			15.6	368.7	23-W			12.6	361.2
23E			15.0	369.3	ϕ			12.2	361.6
50E			13.5	370.8	23-E			11.7	362.1
T.P.			12.64	371.62	50-E			10.8	363.0
	2.15	373.77 ✓			T.P.			11.90	361.87
	5+00				2.59	364.46 ✓			
50-E			4.9	368.9	7+00				
23-E			5.6	368.2	50-E			1.4	363.1
ϕ			6.2	367.6	23-E			3.5	361.0
23-W			7.2	366.6	ϕ			4.0	360.5
50-W			7.7	366.1	23-W			4.7	359.8
	5+50				50-W			4.7	359.8
50-W			9.5	364.3	7+50				
23-W			8.9	364.9	50-W			6.4	358.1
ϕ			8.2	365.6	44-W			6.7	357.8
23-E			7.7	366.1	42-W			8.3	356.2
50-E			7.2	366.6	35-W			8.1	356.4

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
30-W			6.0	358.5	20W			12.5	352.0
23-W			5.5	359.0	23W			12.1	352.4
Q			5.2	359.3	50W			13.2	351.3
18E			6.0	358.5	T.P.			12.09	352.37
23E			5.2	359.3		2.42	354.79	✓	
50E			4.5	360.0		9+50			
	8+00				50W			5.2	349.6
50E			5.8	358.7	23W			5.4	349.4
23E			6.2	358.3	12W			5.2	349.6
Q			6.6	357.9	4W			2.4	352.4
20W			6.7	357.8	Q			2.4	352.4
23W			8.0	356.5	23E			4.6	350.2
38W			9.8	354.7	50E			4.7	350.1
50W			8.3	356.2		9+65			
	8+50				50E			6.5	348.3
50W			10.8	353.7	23E			6.0	348.8
23W			10.2	354.1	Q			5.7	349.1
9W			8.1	356.4	23W			6.7	348.1
Q			8.7	355.8	50W			5.6	349.2
23E			10.0	354.5		10+00			
50E			9.4	355.1	50W			9.3	345.5
	9+00				23W			7.5	347.3
50E			12.1	352.4	Q			8.2	346.6
23E			11.6	352.9	23E			7.4	347.4
Q			10.7	353.8	50E			8.3	346.5

Sta	+ H.I.	-	Elev.	Sta	+ H.I.	-	Elev.
	10+50/			23-W		12.1	321.0
50-E		12.5	342.3	36-W		9.8	323.3
23-E		12.1	342.7	45-W		10.7	322.4
¢		12.0	342.8	50-W		6.9	326.2
23-W		11.7	343.1		11+35		
50-W		11.0	343.8	50-W		9.8	323.3
T.P.		12.80	341.99	23-W		12.9	320.2
	1.02 343.01 ✓			¢		10.1	323.0
	10+85			7-E		9.0	324.1
50-W		14.3	328.7	11-E		6.5	326.6
46-W		18.8	324.2	23-E		6.2	326.9
39-W		19.0	324.0	50-E		5.8	327.3
23-W		15.1	327.9		11+46		
13-W		18. ✓	324.8	50-E		6.3	326.8
¢		18.6	324.4	23-E		7.2	325.9
23-E		11.8	331.2	¢		7.1	326.0
26-E		9.5	333.5	4-W		7.0	326.1
50-E		8.3	334.7	5-W		10.1	323.0
	11+00			23-W		13.1	320.0
50-E		10.6	332.4	33-W		12.1	321.0
23-E		11.6	331.4	50-W		9.3	323.8
18-E		16.0	327.0		11+55		
T.P.		12.06	330.95	50-W		10.8	322.3
	2.15 333.10 ✓			23-W		12.7	320.4
¢		10.6	322.5	¢		10.5	322.6

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
23-E			10.5	322.6	23-W			9.1	324.0
35-E			9.3	323.8	50-W			9.7	323.4
41-E			6.2	326.9	T.P.			8.28	324.82
50-E			5.8	327.3				5.45	330.27 ✓
	12+00					12+00			
50-E			6.0	327.1	50-W			8.9	321.4
43-E			4.3	328.8	23-W			7.4	322.4
30-E			4.8	328.3	⊕			7.8	322.5
23-E			8.1	325.0	23-E			6.8	323.5
⊕			10.1	323.0	27-E			6.9	323.4
23-W			11.2	321.9	33-E			9.0	321.3
50-W			11.3	321.8	50-E			9.7	320.6
	12+15					13+50			
50-W			9.3	323.8	50-E			9.3	321.0
23-W			7.9	325.2	23-E			8.7	321.6
18-W			9.6	323.5	⊕			9.7	320.6
⊕			8.4	324.7	10-W			11.1	319.2
18-E			5.1	328.0	23-W			16.5	313.8
23-E			5.6	327.1	45-W			18.5	311.8
44-E			5.3	327.8	50-W			20.7	309.6
50-E			6.5	326.6					
	12+50					13+65			
50-E			5.6	327.5	50-W			32.8	297.5
23-E			6.3	326.8	30-W			21.8	308.5
⊕			7.2	325.9	23-W			18.2	312.1
					4-W			10.8	319.5

BM. # 2

STA	+	H.I.	-	Elev
ϕ			10.3	320.0
23-E			9.4	320.9
50-E			9.7	320.6
	13+75			
50-E			10.2	320.1
23-E			10.9	319.4
ϕ			11.8	318.5
T.P.			12.19	318.08
	1.59	319.67 ✓		
5-W			1.7	318.0
23-W			10.1	309.6
40-W			20.7	299.0
45-W			23.6	296.1
50-W			17.4	302.3
	14+00			
50-W			7.3	312.4
33-W			24.4	295.3
29-W			20.0	299.7
23-W			17.2	302.5
ϕ			10.9	308.8
23-E			2.6	317.1
35-E			+0.2	319.9
50-E			0.0	319.7
	14+07			
50-E			2.3	317.4

STA	+	H.I.	-	Elev
23-E			1.9	318.3
ϕ			10.6	309.1
20-W			19.0	300.7
23-W			22.5	297.2
30-W			25.6	294.1
50-W			7.1	312.6
	14+25			
50-W			6.2	313.5
28-W			25.4	294.3
23-W			26.3	293.4
15-W			19.5	300.2
ϕ			12.1	307.6
17-E			9.5	310.2
23-E			14.0	305.7
37-E			14.3	305.4
39-E			12.0	307.7
48-E			11.3	308.4
50-E			13.8	305.9
T.P.			12.48	307.19
	3.95	311.14 ✓		
	14+44			
50-E			16.2	294.9
23-E			16.7	294.4
ϕ			18.8	292.3
17-W			18.0	293.1

STA	+	H.I.	-	Elev.
23-W			8.0	303.1
27-W			6.3	304.8
50-W			2.3	308.8
	14+67			
50-W			23.0	288.1
23-W			22.2	288.9
☼			20.8	290.3
23-E			19.5	291.6
50-E			16.9	294.2
	14+80			
50-E			5.2	305.9
40-E			5.1	306.0
23-E			12.8	298.3
☼			20.9	290.2
23-W			22.6	288.5
50-W			23.4	287.7
	15+00			
50-W			23.2	287.9
37-W			20.3	290.8
23-W			12.9	298.2
☼			4.0	307.1
	T.P.		0.44	310.70
	12.67	323.37 ✓		
23-E			9.2	314.2
50-E			4.8	318.6

STA	+	H.I.	-	Elev. ⁸
	15+35			
50-E			1.5	321.9
23-E			4.2	319.2
☼			7.6	315.8
23-W			8.4	315.0
50-W			9.1	314.3
	15+50			
50-W			15.2	308.2
45-W			5.2	318.2
23-W			5.0	318.4
☼			4.1	319.3
23-E			2.8	320.6
50-E			1.5	321.9
	16+00			
50-E			2.5	320.9
23-E			3.6	319.8
☼			4.3	319.1
23-W			3.6	319.8
50-W			4.5	319.9
	16+40			
50-W			6.8	316.6
23-W			5.6	317.8
☼			5.0	318.4
23-E			3.5	319.9
50-E			2.2	321.2

Sta	+	H.I.	-	Elev.
T.P.			4.27	319.10
	10.53	329.63 ✓		
	17+00			
50-E			4.3	325.3
23-E			6.2	323.4
⊕			7.5	322.1
23-W			8.7	320.9
50-W			9.4	320.2
	17+50			
50-W			10.9	318.7
23-W			9.7	319.9
⊕			7.8	321.8
17-E			6.2	323.4
23-E			3.1	326.5
50-E			+ 8.0	337.6
	17+80			
50-E			+ 14.1	343.7
33-E			+ 13.0	342.6
23-E			+ 5.9	335.5
⊕			4.6	325.0
23-W			10.4	319.2
50-W			14.0	315.6
	18+00			
50-W			17.6	312.0
23-W			11.8	317.8

Sta	+	H.I.	-	Elev.
4-W			10.2	319.4
⊕			8.4	321.2
23-E			+ 0.7	330.3
40-E			+ 5.3	334.9
50-E			+ 5.6	335.2
T.P.	Old B.M.	329.40	0.20	329.43
		0.20	329.63	
	T.P.		12.44	317.19
		0.51	317.70 ✓	
	18+50			
50-E			3.6	314.1
30-E			0.5	317.2
23-E			0.9	316.8
8-E			8.8	315.9
⊕			10.3	307.4
23-W			16.0	301.7
50-W			30.3	287.4
	18+70			
50-W			30.3	287.4
38-W			25.8	291.9
23-W			23.6	294.1
10-W			8.7	309.0
⊕			5.7	312.0
18-E			3.3	314.4
23-E			8.8	308.9

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev.
50-E			27.0	290.7	⊕			23.4	294.3
	18+82				4-W			22.7	295.0
50-E			27.1	290.6	8-W			14.3	303.4
28-E			15.9	301.8	18-W			16.0	301.7
23-E			13.6	304.1	23-W			18.0	299.7
12-E			4.9	312.8	41-W			20.4	297.3
⊕			7.9	309.8	50-W			26.9	290.8
10-W			9.9	307.8	T.P.			12.86	304.84
17-W			20.9	296.8		0.90	305.74 ✓		
23-W			21.3	296.4	T.P.	BM. # 3		10.96	294.78
50-W			26.0	291.7		0.41	295.19 ✓		
	18+89				T.P.			10.67	284.52
50-W			25.1	292.6		3.65	288.17 ✓		
45-W			21.6	296.1		19+11			
30-W			22.0	295.7	50-W			3.2	285.0
23-W			20.0	297.7	27-W			2.2	286.0
18-W			19.4	298.3	25-W			+7.7	295.9
8-W			16.1	301.6	23-W			+8.0	296.2
4-W			20.4	297.3	18-W			+8.9	297.1
⊕			21.8	295.9	14-W			+2.8	291.0
23-E			22.4	295.3	⊕			+2.1	290.3
50-E			26.8	290.9	23-E			1.0	287.2
	19+00				50-E			+1.0	289.2
50-E			27.0	290.7		19+19			
23-E			28.0	289.7	50-E			+1.0	287.2

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	¹¹ Elev.
23-E			2.7	285.5					
⊥			1.0	287.2	50-E			+ 3.5	291.7
20-W			0.9	287.3	27-E			1.0	287.2
23-W			2.0	286.2	23-E			3.7	284.5
28-W			5.2	283.0	⊥			13.8	274.4
50-W			8.0	280.2	23-W			16.0	272.2
	19+40				50-W			18.4	269.8
50-W			12.0	276.2					
23-W			9.0	279.2	50-W			22.0	266.2
⊥			6.0	282.2	23-W			17.3	270.9
23-E			3.4	284.8	⊥			12.6	275.6
50-E			+ 1.3	289.5	23-E			5.9	282.3
	19+64				50-E			+ 4.0	292.2
50-E			+ 0.7	288.9					
23-E			4.8	293.0	50-E			+ 15.0	303.2
⊥			7.4	280.8	45-E			+ 4.0	292.2
23-W			9.6	278.6	35-E			0.0	288.2
50-W			12.6	275.6	28-E			7.2	281.0
	20+00				23-E			9.4	278.8
50-W			15.6	272.6	T.P.			12.90	275.27
23-W			13.3	274.9				11.65	286.92 ✓
⊥			11.9	276.3	⊥			14.2	272.7
13-E			10.3	277.9	23-W			18.0	268.9
23-E			6.7	281.5	50-W			23.2	263.6
50-E			+ 6.2	294.4					

Sta	+	H.I.	-	Elev.
	21+00			
50-W			22.0	264.9
23-W			18.0	268.9
☐			14.6	272.3
23-E			10.6	276.3
50-E			+4.4	291.3
	21+50			
50-E			4.0	282.9
23-E			16.6	270.3
☐			21.4	265.5
23-W			23.6	263.3
50-W			26.0	260.9
	21+75			
50-W			30.0	256.9
23-W			26.3	260.6
☐			29.8	262.1
23-E			21.3	265.6
39-E			18.6	268.3
50-E			12.8	274.1
T.P.			11.26	275.66
	1.86	277.52	✓	
	22+00			
50-E			6.3	271.2
37-E			10.6	266.9
23-E			12.8	264.7

Sta	+	H.I.	-	Elev.
☐				
23-W			15.7	261.8
50-W			19.2	258.3
			23.0	254.5
	22+50			
50-W			24.8	252.7
23-W			20.3	257.2
☐			17.4	260.1
23-E			16.0	261.5
35-E			13.8	263.7
50-E			7.4	270.1
	23+00			
50-E			+5.0	282.5
23-E			6.6	270.9
☐			20.5	257.0
5-W			23.0	254.5
23-W			23.7	253.8
50-W			28.0	249.5
	23+55			
50-W			33.0	244.5
40-W			29.0	248.5
23-W			26.4	251.1
18-W			25.7	251.8
☐			17.0	260.5
23-E			11.0	266.5
33-E			3.3	274.2

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
50-E			0.0	277.5	ϕ			11.5	235.8
	T.P.		12.02	265.50	10-W			12.9	234.4
	3.35	268.85 ✓			19-W			9.1	238.2
	24+00				23-W			8.9	238.4
50-E			11.3	277.5	50-W			11.3	236.0
23-E			14.7	274.1		24+65			
12-E			15.5	253.3	50-W			12.9	234.4
	T.P.		12.83	256.02	30-W			13.3	234.0
	2.16	258.18 ✓			23-W			14.7	232.6
ϕ			10.2	248.0	ϕ			11.0	236.3
23-W			14.0	244.2	13-E			5.5	241.8
50-W			19.5	238.7	23-E			4.6	242.7
	24+38				50-E			0.7	246.6
50-W			22.0	236.2		24+71			
23-W			17.1	241.1	50-E			6.5	240.8
ϕ			15.4	242.8	23-E			8.4	238.9
	T.P.		12.61	245.57	13-E			4.5	242.8
	1.77	247.34 ✓			9-E			4.2	243.1
7-E			10.0	237.3	ϕ			7.2	240.1
14-E			9.3	238.0	23-E			17.5	229.8
23-E			7.1	240.2	50-E			21.7	225.6
50-E			0.0	247.3		24+76			
	24+50				50-E ^{w₉}			21.8	225.5
50-E			2.0	245.3	23-E ^{w₁}			16.7	230.6
23-E			7.1	240.2	ϕ			12.1	235.2

Sta	+	H.I.	-	Elev
23-E			9.6	237.7
50-E			7.1	240.2
	25+00			
50-E			8.4	238.9
29-E			12.2	235.1
23-E			12.3	235.0
☐			15.2	232.1
23-W			17.0	230.3
50-W			20.3	227.0
	25+20			
50-W			14.4	232.9
24-W			9.6	237.7
23-W			10.2	237.1
10-W			15.0	232.3
☐			13.9	233.4
23-E			12.0	235.3
50-E			6.9	240.4
	25+45			
50-E			4.8	242.5
23-E			8.8	238.5
14-E			9.7	237.6
☐			8.6	238.7
8-W			8.0	239.3
11-W			5.7	241.6
23-W			8.1	239.2

Sta	+	H.I.	-	Elev.
50-W			14.3	233.0
	25+55			
50-W			14.0	233.3
23-W			5.7	241.6
10-W			3.5	243.8
7-W			6.2	241.1
☐			5.8	241.5
23-E			6.0	241.3
33-E			1.9	245.4
44-E			+ 11.3	258.6
50-E			+ 12.0	259.3
	25+64			
50-E			+ 11.0	258.3
23-E			+ 8.0	255.3
8-E			+ 7.5	254.8
☐			+ 1.0	248.3
23-W			4.6	242.7
50-W			9.8	237.5
	25+74			
50-W			10.0	237.3
23-W			4.6	242.7
7-W			0.7	246.6
☐			+ 3.0	250.3
23-E			+ 5.0	252.3
50-E			+ 12.0	259.3

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev.
	25+94				50-W			22.7	233.8
50-E			+13.0	260.3		26+70			
23-E			+4.0	251.3	50-W			25.6	230.9
16-E			+0.4	247.7	23-W			15.0	241.5
¢			4.0	243.1	4-W			6.0	250.5
23-W			9.4	237.9	¢			3.5	253.0
50-W			14.0	233.3	23-E			+6.0	262.5
	26+00				50-E			+21.0	277.5
50-W			15.0	232.3		27+00			
23-W			9.7	237.6	50-E			+22.5	279.0
¢			4.1	243.2	23-E			+8.8	265.3
T.P.			12.04	235.30	¢			3.1	253.4
	4.25	239.55			18-W			9.1	247.4
T.P.	BM. # 4		6.92	232.63	23-W			12.5	244.0
	12.87	245.50			50-W			25.0	231.5
T.P.			0.12	245.38		27+30			
	11.16	256.54 ✓			50-W			22.0	234.5
10-E			10.6	245.9	23-W			0.0	
23-E			5.0	251.5	T.P.			2.93	253.61
50-E			+6.0	262.5		5.59	259.20 ✓		
	26+50				¢			6.3	252.9
50-E			+17.3	273.8	23-E			+5.0	264.2
23-E			+4.0	260.5	50-E			+16.0	275.2
¢			6.5	250.0		27+50			
23-W			15.0	271.7	50-E			+6.6	265.8

256.54
15

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
46-E			+10.6	269.8	35-W			20.7	238.5
23-E			+1.4	260.6	25-W			18.6	241.6
⊕			7.2	252.0	23-W			24.0	235.2
23-W			14.5	244.7	⊕			22.3	236.9
47-W			22.0	237.2	9-E			19.0	240.2
50-W			26.5	232.7	11-E			12.0	247.2
	27+80				23-E			9.4	249.8
50-W			22.3	236.9	28-E			11.0	248.2
23-W			17.2	242.0	40-E			8.5	250.7
⊕			12.2	247.0	44-E			4.2	255.0
23-E			5.7	253.5	50-E			2.5	256.7
32-E			2.8	256.4		28+10			
33-E			5.8	253.4	50-E			3.5	255.7
50-E			4.8	254.4	23-E			10.0	249.2
	27+94				⊕			13.7	245.5
50-E			5.5	253.7	7-W			22.1	237.1
35-E			11.0	248.2	23-W			26.4	232.8
23-E			12.5	246.7	32-W			27.0	232.2
15-E			11.0	248.2	35-W			24.0	235.2
⊕			13.8	245.4	50-W			35.0	224.2
23-W			17.5	241.7		28+35			
27-W			18.7	240.5	50-W			20.0	239.2
50-W			35.3	224.9	23-W			18.8	240.4
	28+00				⊕			15.0	244.2
50-W			34.1	225.1	23-E			11.7	247.5

STA	+	H.I.	-	Elev.
50-E			7.5	251.7
	28+75			
50-E			13.0	246.2
23-E			11.6	247.6
⊕			10.8	248.4
23-W			11.2	248.0
50-W			8.8	250.4
	29+00			
50-W			5.8	253.4
23-W			10.5	248.7
⊕			13.4	245.8
23-E			16.0	243.2
50-E			14.8	244.4
	29+50			
50-E			24.6	234.6
33-E			26.0	233.2
23-E			23.0	236.2
⊕			21.3	237.9
19-W			20.1	239.1
23-W			18.7	240.5
50-W			11.7	247.5
T.P.			11.86	247.34
	2.39	249.73 ✓		
T.P.			12.61	237.12
	1.50	238.62 ✓		

STA	+	H.I.	-	Elev.
	29+70			
50-W			3.6	235.0
23-W			5.5	233.1
⊕			6.1	232.5
23-E			10.5	228.1
50-E			6.0	232.6
	30+00			
50-E			4.7	233.9
23-E			12.3	226.3
5-E			13.5	225.1
⊕			12.0	226.6
8-W			9.5	229.1
23-W			9.0	229.6
50-W			9.4	229.2
	30+25			
50-W			17.0	221.6
34-W			18.5	220.1
23-W			17.8	220.8
⊕			15.3	223.3
23-E			10.0	228.6
50-E			4.5	234.1
	30+55			
50-E			2.6	236.0
23-E			7.3	231.3
⊕			10.4	228.2

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Sta	+	H.I.	-	Ele.	Sta	+	H.I.	-	18 Ele.
23-W			13.7	224.9		31+65			
50-W			20.9	217.7	50-E			+ 11.0	269.3
	31+00				23-E			+ 7.0	265.3
50-W			14.0	224.6	⊕			+ 1.3	259.6
23-W			11.1	227.5	23-W			4.5	253.8
⊕			6.5	232.1	50-W			12.3	246.0
T.P.			1.20	237.42	T.P.			12.29	246.02
	11.13	248.55 ✓				2.89	248.91		
23-E			7.7	240.9	T.P.			12.92	235.99
50-E			0.0	248.6		0.46	236.45		
	31+26				T.P.			12.55	223.90
50-E			+ 13.0	261.6		2.41	226.31		
23-E			+ 3.4	252.0	T.P. old B.M.	217.03		9.32	216.99
⊕			4.6	244.0		1.33	218.32		
23-W			10.3	238.3	T.P.			12.62	205.70
50-W			15.6	233.0		2.00	207.70		
	31+41				T.P.			12.93	194.77
50-W			9.8	238.8		1.03	195.80		
23-W			3.3	245.3	T.P. B.M. # 6			10.72	185.08
T.P.	B.M. # 5		2.83	245.72		1.59	186.67		
	12.59	258.31 ✓			T.P.			12.99	173.68
⊕			7.3	251.0		0.47	174.15		
23-E			0.0	258.3	T.P.			12.73	161.42
50-E			+ 11.5	269.8		0.43	161.85		
					T.P.			12.67	149.18

Sta	+	H.I.	-	Elev.
	1.95	151.13		
T.P.	BM # 7		7.62	143.51
	12.10	155.61		
T.P.			0.11	155.50
	12.06	167.56		
T.P.			0.03	167.53
	12.07	179.60		
T.P.			0.20	179.40
	11.85	191.25		
T.P.			0.27	190.98
	12.66	203.64		
T.P.	BM # 8		1.75	201.89
	2.69	204.58		
T.P.			11.26	193.32
	2.00	195.32		
T.P.			12.69	182.63
	1.35	183.98		
T.P.			11.28	172.70
	0.27	172.97		
T.P.	BM # 9		7.54	165.43
	1.44	166.87		
T.P.			12.11	154.76
	3.79	158.55		
T.P.			12.65	145.90
	3.26	149.16		

Sta	+	H.I.	-	Elev.
T.P.	BM # 10		11.96	137.20
	12.34	149.54		
T.P.			0.53	149.01
	12.98	161.99		
T.P.			0.81	161.18
	12.01	173.19		
T.P.			0.81	172.38
	11.85	184.23		
T.P.			0.66	183.57
	12.86	196.43		
T.P.	Old BM.	192.13	4.32	192.11
	12.26	204.37		
T.P.			0.15	204.22
	12.72	216.94		
T.P.			0.42	216.54
	11.82	228.34		
T.P.	Old BM.	226.47	1.90	226.44
				$\frac{47}{03}$

Sta	+	H.I.	-	Elev.
B.M. B.P. on Curb				30.50
	0.99	31.49		
T.P.			12.84	18.65
	1.45	20.10	x	
	67+00			
30-W			7.8	12.3
23-W			7.2	12.9
¢			5.2	14.9
11-E Edge Pavement			4.15	15.95
23-E Pavement			4.11	15.99
50-E "			3.25	16.85
	67+25			
50-E			7.9	12.2
41-E			4.7	15.4
32-E Edge Pavement			6.25	13.85
23-E Pavement			6.60	13.50
¢			6.35	13.75
8-W Edge Pavement			6.05	14.05
17-W			5.5	14.16
23-W			7.0	13.1
31-W			7.6	12.5
	67+50			
30-W			6.5	13.6
23-W			7.3	12.8

Sta	+	H.I.	-	Elev.
19-W Edge Pavement			7.55	12.55
¢			8.3	11.8
13-E Edge Pavement			8.2	11.9
18-E			6.4	13.7
23-E			8.5	11.6
27-E			15.6	4.5
50-E			15.7	4.4
	68+00			
50-E			17.6	2.5
23-E			15.9	4.2
13-E			14.8	5.3
¢			6.3	13.8
5-W			8.95	11.05
23-W			8.55	11.55
38-W			8.1	12.0
T.P.			8.30	11.80
	3.11	14.91	x	
	68+50			
38-W			2.8	12.1
24-W			3.6	11.3
23-W			3.3	11.6
12-W			3.55	11.36
2-W			2.7	12.2
¢			3.4	11.5
11-E			8.3	6.6

STA	+	H.I.	-	Elev.
23-E			10.9	4.0
50-E			13.5	1.4
	69+00			
50-E			14.0	0.9
23-E			11.0	3.9
ϕ			4.1	10.8
4-W			2.7	12.2
11-W			3.5	11.4
23-W			3.3	11.6
33-W			3.5	11.4
39-W			2.7	12.2
	69+50			
39-W			3.4	11.5
34-W			3.5	11.4
23-W			3.35	11.56
11-W			3.5	11.4
ϕ			5.2	9.7
11-E			9.1	5.8
23-E			10.5	9.4
50-E			13.3	1.6
	70+00			
50-E			11.4	3.5
23-E			9.8	5.1
ϕ			5.0	9.9
6-W			2.8	12.1

STA	+	H.I.	-	Elev.
11-W			3.4	11.5
23-W			3.35	11.56
33-W			3.5	11.4
38-W			3.4	11.5
	70+50			
38-W			3.3	11.6
33-W			3.4	11.5
23-W			3.35	11.56
11-W			3.4	11.5
5-W			3.1	11.8
ϕ			5.6	9.3
10-E			9.8	5.1
23-E			12.1	2.8
50-E			11.5	3.4
	71+00			
50-E			13.0	1.9
23-E			12.3	2.6
14-E			11.1	3.8
ϕ			6.3	8.6
6-W			2.8	12.1
11-W			3.55	11.35
23-W			3.3	11.6
33-W			3.4	11.5
38-W			3.1	11.8
	T.P.		3.12	11.79

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
	1.82	13.61	x		11-W			2.2	11.4
	71+50				5-W			2.0	11.6
38-W			2.1	11.5	☺			4.7	8.9
33-W			2.05	11.56	6-E			7.4	6.2
23-W			2.0	11.6	23-E			9.7	3.9
11-W			2.1	11.5	50-E			11.2	2.4
6-W			1.7	11.9		73+00			
☺			4.4	9.2	50-E			9.4	4.2
10-E			7.7	5.9	23-E			8.4	5.2
23-E			9.4	4.2	6-E			7.4	6.2
50-E			11.0	2.6	☺			4.8	8.8
	72+00				5-W			2.1	11.5
50-E			10.7	2.9	11-W			2.15	11.46
23-E			8.9	4.7	23-W			1.95	11.66
10-E			7.4	6.2	33-W			2.2	11.4
☺			4.0	9.6	38-W			2.3	11.3
6-W			2.0	11.6		73+50			
11-W			2.25	11.36	39-W			1.2	12.4
23-W			2.0	11.6	33-W			2.1	11.5
33-W			2.15	11.46	23-W			1.95	11.66
39-W			1.9	11.7	11-W			2.2	11.4
	72+50				6-W			1.7	11.9
39-W			1.5	12.7	☺			5.1	8.5
33-W			2.0	11.6	8-E			9.2	4.4
23-W			1.95	11.66	23-E			10.8	2.8

STA	+	H.I.	-	Elev	STA	+	H.I.	-	Elev
50-E			12.0	11.6	23-E			9.9	3.4
	74+00				10-E			8.8	4.5
50-E			11.6	2.0	ϕ			4.9	8.4
23-E			10.0	3.6	6-W			1.3	12.0
5-E			7.2	6.4	11-W			1.85	11.45
ϕ			5.0	8.6	23-W			1.65	11.65
5-W			2.2	11.4	33-W			1.7	11.6
11-W			2.25	11.36	40-W			0.7	12.6
23-W			2.0	11.6		75+50			
33-W			2.0	11.6	39-W			1.4	11.9
41-W			1.5	12.1	33-W			1.75	11.55
	74+50				23-W			1.65	11.65
T.P.			2.15	11.46	11-W			1.9	11.4
	1.84	13.30	4		5-W			1.5	11.8
39-W			0.7	12.6	ϕ			4.5	8.8
33-W			1.7	11.6	6-E			7.4	5.9
23-W			1.65	11.65	23-E			10.6	2.7
11-W			2.0	11.3	50-E			12.5	0.8
6-W			1.3	12.1		76+00			
ϕ			3.3	10.0	50-E			12.1	1.2
8-E			7.2	6.1	23-E			10.2	3.1
23-E			9.3	4.0	8-E			8.1	5.2
50-E			12.6	0.7	ϕ			4.4	8.9
	75+00				5-W			1.4	11.9
50-E			11.5	1.8	11-W			1.9	11.4

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev. ²⁴
23-W			1.65	11.65	33-W			1.75	11.5.5
33-W			1.7	11.6	23-W			1.65	11.65
40-W			1.2	12.1	11-W			1.95	11.35
	76+50				5-W			1.9	11.40
40-W			0.4	12.9	☐			5.3	8.0
33-W			1.75	11.55	16-E			12.4	0.9
23-W			1.65	11.65	23-E			14.9	-1.6
11-W			1.85	11.45	50-E			15.5	-2.3
5-W			1.7	11.6		78+00			
☐			4.4	8.1	50-E			11.6	1.7
10-E			8.8	4.5	23-E			10.6	2.7
23-E			10.5	2.8	6-E			8.3	5.0
50-E			13.3	0.0	☐			5.7	7.6
	77+00				7-W			2.0	11.3
50-E			13.3	0.0	11-W			2.05	11.25
23-E			11.6	1.7	23-W			1.75	11.55
10-E			9.7	3.6	33-W			1.90	11.4
☐			4.8	8.5	39-W			1.5	11.8
6-W			1.6	11.7		78+50			
11-W			1.95	11.35	39-W			1.5	11.8
23-W			1.65	11.65	33-W			1.8	11.5
33-W			1.8	11.5	23-W			1.7	11.6
39-W			1.4	11.9	11-W			2.0	11.3
	77+50				6-W			1.7	11.6
40-W			2.0	11.3	☐			6.1	7.2

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev. ²⁵
6-E			9.5	3.8		80+00			
23-E			13.2	9.1	50-E			12.1	0.9
50-E			15.5	-2.2	23-E			9.0	4.0
	79+00				6-E			8.2	4.8
	T.P.		1.94	11.36	ϕ			4.6	8.4
	1.67	13.03 x			5-W			1.1	11.9
50-E			12.5	2.5	11-W			1.65	11.4
23-E			9.5	3.5	23-W			1.4	11.6
6-E			8.1	4.9	33-W			1.55	11.5
ϕ			5.1	7.9	39-W			1.3	11.7
7-W			1.2	11.8		80+50			
11-W			1.7	11.3	38-W			1.5	11.5
23-W			1.4	11.6	33-W			1.5	11.5
33-W			1.6	11.4	23-W			1.4	11.6
39-W			1.5	11.5	11-W			1.7	11.3
	79+50				4-W			1.3	11.3
39-W			1.3	11.7	ϕ			3.9	9.1
33-W			1.5	11.5	9-E			9.6	3.4
23-W			1.4	11.6	23-E			12.2	0.8
11-W			1.7	11.3	50-E			13.0	0.0
5-W			1.6	11.4		81+00			
ϕ			5.1	7.9	50-E			12.3	0.7
5-E			8.7	4.3	23-E			9.7	3.3
23-E			11.4	1.6	6-E			6.6	6.9
50-E			14.5	-1.5	ϕ			3.0	10.0

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev.
2-W			1.3	11.7	T.P.			1.93	11.10
11-W			1.7	11.3		1.93	13.03		
23-W			1.4	11.6		82+50			
33-W			1.45	11.6	38-W			1.8	11.2
38-W			0.9	12.1	33-W			1.5	11.5
	81+50				23-W			1.4	11.6
38-W			1.5	11.5	11-W			1.7	11.3
33-W			1.5	11.5	3-W			1.1	11.9
23-W			1.4	11.6	ϕ			2.5	10.5
11-W			1.6	11.4	17-E			10.7	2.3
1-W			1.4	11.6	23-E			11.3	1.7
ϕ			2.0	11.0	50-E			12.6	0.4
13-E			10.5	2.5		82+00			
23-E			11.7	1.3					
50-E			12.8	0.2	50-E			13.6	-0.4
	82+00				23-E			11.4	1.6
50-E			10.8	2.2	13-E			10.0	3.0
23-E			8.3	4.7	ϕ			2.8	10.2
9-E			6.3	6.7	3-W			1.1	11.9
ϕ			2.0	11.0	11-W			1.8	11.2
2-W			1.0	12.0	23-W			1.4	11.6
11-W			1.75	11.2	33-W			1.45	11.5
23-W			1.35	11.6	42-W			1.3	11.7
33-W			1.45	11.5		83+50			
38-W			2.1	10.9	38-W			0.9	12.1

26

Elev.

STA	+	H.I.	-	Elev.	STA	+	H.I.	-	Elev. ²⁷
33-W			1.6	11.4	23-E			9.5	3.5
23-W			1.6	11.4	50-E			12.5	0.5
11-W			1.85	11.1				85+00	
4-W			1.4	11.6	50-E			13.3	-0.3
Φ			2.6	10.4	23-E			11.6	1.4
13-E			7.4	5.6	10-E			9.5	3.5
23-E			8.7	4.3	Φ			3.6	9.4
50-E			11.2	1.8	3-W			1.4	11.6
	84+00				11-W			2.45	10.5
50-E			12.8	0.2	23-W			2.3	10.7
23-E			10.6	2.4	33-W			2.4	10.6
8-E			8.0	5.0	41-W			2.4	10.6
Φ			3.8	9.2				85+50	
3-W			1.8	11.2	40-W			2.2	10.8
11-W			2.0	11.0	33-W			2.7	10.3
23-W			1.8	11.2	23-W			2.55	10.4
33-W			1.9	11.1	11-W			2.9	10.1
40-W			1.3	11.7	3-W			2.5	10.5
	84+50				Φ			4.1	8.9
39-W			1.8	11.2	7-E			7.8	5.2
33-W			2.2	10.8	23-E			9.5	3.5
23-W			2.15	10.8	50-E			11.0	2.0
11-W			2.25	10.7				86+00	
3-W			1.5	11.5	50-E			13.0	0.0
Φ			2.3	10.7	23-E			9.7	3.3

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev.
11-E			9.0	4.0	33-W			4.0	9.0
☺			3.7	9.3	40-W			3.4	9.6
3-W			2.2	10.8	T.P.			3.34	9.69
11-W			3.0	10.0		0.21	9.90		
23-W			2.8	10.2		87+50			
33-W			2.95	10.0	40-W			1.0	8.9
40-W			2.3	10.7	33-W			1.45	8.4
	86+50				23-W			1.4	8.5
40-W			3.1	9.9	11-W			1.7	8.2
33-W			3.2	9.8	3-W			0.6	9.3
23-W			3.1	9.9	☺			1.6	8.3
11-W			3.4	9.6	13-E			7.5	2.4
3-W			3.1	9.9	23-E			8.5	1.4
☺			4.3	9.7	50-E			11.3	-1.4
10-E			10.2	2.8		88+00			
23-E			10.9	2.1	50-E			13.3	-3.4
50-E			12.6	0.4	23-E			12.0	-2.1
	87+00				11-E			9.8	0.1
50-E			14.2	-1.2	☺			2.7	7.2
23-E			11.6	1.4	3-W			1.5	8.4
7-E			9.8	3.2	11-W			2.4	7.5
☺			5.2	7.8	23-W			2.1	7.8
3-W			3.4	9.6	33-W			2.15	7.7
11-W			4.15	8.8	41-W			1.4	8.5
23-W			3.9	9.1					

STA	+	H. I.	-	Elev.	STA	+	H. I.	-	²⁹ Elev.
	88+50				23-W			4.4	5.5
38-W			2.8	7.1	11-W			4.7	5.2
33-W			2.8	7.1	4-W			3.9	6.0
23-W			2.75	7.1	☐			6.7	3.2
11-W			3.2	6.7	8-E			11.3	-1.4
3-W			2.3	7.6	23-E			13.2	-3.3
☐			4.0	5.9	31-E	Water's Edge		13.7	-3.8
10-E			10.8	-0.9		90+00			
23-E			12.7	-2.8	28-E			13.7	-3.8
50-E			12.0	-2.1	23-E			12.5	-2.6
	89+00				9-E			11.5	-1.6
50-E	Water's Edge		13.8	-3.9	☐			6.4	3.5
23-E			12.6	-2.7	4-W			4.4	5.5
9-E			10.5	-0.6	11-W			5.3	4.6
☐			5.0	4.9	23-W			5.0	4.9
3-W			3.2	6.7	33-W			5.0	4.9
11-W			4.1	5.8	36-W			3.4	6.5
23-W			3.65	6.2	50-W			6.9	3.0
33-W			3.65	6.2		90+50			
39-W			3.3	6.6	50-W			6.7	3.2
50-W			7.0	2.9	37-W			3.8	6.1
	89+50				33-W			5.45	4.4
50-W			5.6	4.3	23-W			5.5	4.4
38-W			3.8	6.1	11-W			5.8	4.1
33-W			4.45	5.4	4-W			4.6	5.3

Sta	+	H.I.	-	Elev.	Sta	+	H.I.	-	Elev. 30
ϕ			6.9	3.0	50-E	Water's Edge		13.7	-3.8
8-E			10.8	-0.9		92+00			
23-E			13.0	-3.1	47-E	Water's Edge		13.7	-3.8
44-E	Water's Edge		13.7	-3.8	23-E			12.4	-2.5
	91+00				15-E			11.3	-1.4
46-E	Water's Edge		13.7	-3.8	ϕ			6.1	3.8
23-E			12.7	-2.8	10-W			6.35	3.5
11-E			12.4	-2.5	23-W			5.95	3.9
ϕ			7.0	2.9	32-W			6.1	3.8
4-W			4.6	5.3	38-W			3.9	6.0
11-W			6.15	3.7	50-W			7.0	2.9
23-W			5.75	4.1					
33-W			5.75	4.1					
36-W			3.7	6.2					
50-W			6.9	3.0					
	91+50								
50-W			7.0	2.9					
35-W			4.0	5.9					
33-W			5.95	3.9					
23-W			5.9	4.0					
11-W			6.3	3.6					
4-W			4.7	5.2					
ϕ			6.6	3.3					
9-E			11.6	-1.7					
23-E			13.0	-3.3					

Terry Pines D'Line
 Cross Section of Fills
 436+85 to 445+50

See Page 48 this Book.

For Overhaul From Big Cut
 Hub Left

BM	1.03	169.90	168.87	437+0
		436+85 -		
25 L		0.8	169.1	
1/2		1.3	168.6	
9' R		11	168.8	
11' R		27	167.2	
25' R		25	167.4	
		437+0		
27' R		19	168.0	
13' R		2.8	167.1	
10' R		1.5	168.4	
1/2		1.9	168.0	
12' L		2.2	167.7	
23' L		7.4	167.5	
32' L		5.6	164.3	
36' L		2.3	167.6	
		437+15 -		
25' L		2.4	166.5	
1/2		2.8	167.1	
17' R		3.5	166.4	
25' R		8.2	161.7	
43' R		14.3	155.6	
		437+25		
28' R		20.4	149.5	
10' R		17.6	152.3	

169.90

30' R	13.9	156.0
20' R	9.5	160.4
15' R	8.1	161.8
6' R	3.5	166.4
1/2	3.5	166.4
26' L	3.6	166.3
		437+50
26' L	5.2	164.6
1/2	5.2	164.7
24' R	5.9	164.0
23' R	7.9	162.0
50' R	19.9	150.0
61' R	22.4	147.5
		437+75
55' R	15.1	154.8
47' R	10.7	159.2
28' R	10.0	159.9
23' R	5.0	161.9
1/2	8.1	161.8
26' L	6.9	163.0
		437+90
25' L	9.9	160.0
15' L	7.5	162.4
1/2	8.3	161.6
15' R	7.9	162.0
25' R	14.5	155.4

507.20.31
 Sisson
 McHugh
 H. P. Sisson
 11/16/31

31

169.90

42 PL		137	156.2
49 PL		123	157.6
56 PL		166	153.3
TP	0.48	157.66	157.18

43870

56 PL		62	151.5
50 PL		3.0	154.7
25 PL		40	153.7
10 PL		6.6	151.1
4		5.0	152.7
9 PL		5.3	152.4
10 PL		2.1	155.6

438725

55 PL		10.0	147.7
50 PL		14.9	142.8
45 PL		12.4	145.3
25 PL		12.6	145.1
4		11.2	146.4
25 PL		10.4	147.3
50 PL		8.2	149.5
54 PL		10.8	146.9
TP	7.17	152.36	145.19

438750

67 PL		177	134.7
60 PL		15.0	137.4
50 PL		8.2	144.2

152.36

25 PL		84	144.0
4		9.0	143.4
25 PL		76	144.8
48 PL		8.0	144.4
60 PL		15.5	136.9
63 PL		15.5	136.9

438775

78 PL		31.6	120.8
48 PL		8.7	143.7
25 PL		8.7	143.7
4		9.7	142.7
25 PL		9.6	142.8
50 PL		9.1	143.3
70 PL		31.4	131.0
80 PL		26.4	126.0

43970

79 PL		31.3	121.1
67 PL		23.2	129.7
48 PL		10.1	142.3
25 PL		9.5	142.9
4		9.9	142.5
25 PL		8.5	143.9
46 PL		9.2	143.2
60 PL		18.2	134.2
70 PL		25.1	127.3

439720 -

32

Front

152.36

13.77

137.59

145.29

177.90

127.37

127.83

152.36

56 Lt	19.1	133.3
43 Lt	7.9	144.5
25 Lt	7.5	144.9
2	9.8	142.6
25 Pt	9.4	143.0
45 Pt	9.8	142.6
68 Pt	25.0	127.4
83 Pt	36.0	116.4
92 Pt	37.3	115.1

439+50

96 Pt	44.8	107.6
86 Pt	38.7	113.7
70 Pt	27.2	125.2
50 Pt	14.7	137.7
11 Pt	9.6	142.8
25 Pt	9.1	143.3
2	9.7	142.7
25 Lt	7.9	144.5
40 Lt	7.7	144.7
48 Lt	7.4	145.0
B.M	11.97	152.31
	12.02	140.34

439+65 -

40 Lt	8.0	144.3
20 Lt	8.0	144.3
2	8.9	143.4
20 Pt	9.9	142.4

152.31

40 Pt	9.4	142.9
50 Pt	15.4	136.9
65 Pt	24.3	128.0
83 Pt	35.6	116.7
94 Pt	40.6	111.7

439+75

91 Pt	38.3	114.9
83 Pt	36.2	116.1
65 Pt	25.2	127.1
39 Pt	9.8	142.5
20 Pt	10.1	142.2
2	8.1	144.2
26 Lt	8.0	144.3
40 Lt	2.7	149.6

440+0

25 Lt	1.9	147.4
12 Lt	8.0	144.3
2	9.6	142.7
26 Pt	10.2	142.1
38 Pt	9.8	142.5
65 Pt	26.3	126.0
81 Pt	28.3	114.0
85 Pt	39.0	113.3

440+25

85 Pt	40.6	111.7
78 Pt	38.3	114.0

Jan 21-31
Feb 1-65

33

Transit

127.837

0.03

TP 127.81

128.227

65 lb
cans
stones

152.31

60' Pt	25.6	126.7
55' Pt	10.6	141.7
30' Pt	10.6	141.7
2	9.6	142.7
10' Lt	7.8	144.5

440+50

2	10.2	142.1
20' Pt	11.5	140.8
37' Pt	12.8	140.1
56' Pt	24.5	127.8
71' Pt	35.0	117.3
75' Pt	35.8	116.5

440+75

68' Pt	28.3	124.0
60' Pt	25.3	127.0
41' Pt	16.7	135.6
20' Pt	12.9	138.4
2	12.5	139.8
TP	0.45	111.01
	11.75	140.56

441+00

2	3.0	138.0
23' Pt	6.3	134.7
44' Pt	8.4	132.6
50' Pt	10.5	130.5
63' Pt	14.3	126.7

441+25

141.01

65' Pt	21.3	119.7
59' Pt	30.0	121.0
50' Pt	12.0	129.0
45' Pt	10.3	130.7
25' Pt	10.0	131.0
10' Pt	10.3	130.7

2	8.1	132.9
TP	1.89	130.05
	12.85	128.16

441+50

10' Lt	1.0	129.0
2	2.5	127.5
20' Pt	1.3	128.7
45' Pt	1.0	129.0
51' Pt	3.9	126.1
60' Pt	11.1	118.9
70' Pt	12.9	117.1

441+75

17' Pt	14.0	116.0
62' Pt	11.2	118.8
50' Pt	5.0	125.0
45' Pt	3.6	126.4
35' Pt	3.6	126.4
2	4.6	125.4
10' Lt	2.8	127.2

442+0

10' Lt	5.9	124.1
--------	-----	-------

34

130.05

8	6.5	123.5
30' Pt	6.6	123.4
18' Pt	6.4	123.6
65' Pt	17.3	112.7
67' Pt	17.7	112.3

442+25 -

70' Pt	20.6	109.4
64' Pt	18.9	116.1
51' Pt	10.0	120.0
25' Pt	9.3	120.7
8	8.6	121.4
10' Lt	7.1	122.9

442+50

20' Lt	6.6	123.4
8	8.6	121.4
20' Pt	12.5	117.5
50' Pt	14.8	115.2
56' Pt	16.2	113.8
62' Pt	20.0	110.0
15' Pt	20.7	109.3

442+75 -

65' Pt	21.3	108.7
55' Pt	17.4	112.6
25' Pt	14.6	115.4
8	11.1	118.9
15' Lt	8.4	121.6

130.05

30' Lt	6.0	124.0
30' Lt	8.4	121.6
15' Lt	9.4	120.6
8	12.0	118.0
25' Pt	15.7	114.3
50' Pt	18.6	111.4
62' Pt	20.1	109.9
75' Pt	22.7	107.3

443+25 -

67' Pt	22.4	107.6
60' Pt	20.7	109.3
45' Pt	11.4	118.6
25' Pt	11.1	118.9
8	11.0	119.0
25' Lt	8.2	121.8
35' Lt	7.5	122.5

443+50

40' Lt	11.2	118.7
25' Lt	5.6	124.4
8	8.1	121.9
25' Pt	9.1	120.9
11' Pt	9.1	120.9
58' Pt	20.2	109.8
68' Pt	22.4	107.6

443+75 -

35

130.05

53' Pt	17.6	112.4
47' Pt	15.6	114.4
36' Pt	8.1	121.9
20' Pt	7.5	122.5
2	6.6	123.4
25' Pt	6.4	123.6
32' Pt	4.9	125.1

144+0

28' Pt	3.5	126.5
27' Pt	6.3	123.7
11' Pt	6.6	123.4
2	6.5	123.5
15' Pt	6.9	123.1
29' Pt	7.0	123.0
41' Pt	13.4	116.6
50' Pt	15.6	114.4

144+20.36 B.C. Pt

38' Pt	12.6	117.4
36' Pt	11.7	118.3
30' Pt	7.8	122.2
15' Pt	7.2	122.8
2	7.2	122.8

144+50

2	8.3	121.7
15' Pt	8.0	122.0
30' Pt	8.9	121.1

130.05

25' Pt	11.6	118.4
39' Pt	14.7	115.3
144+75 -		
39' Pt	12.8	117.2
35' Pt	12.0	118.0
28' Pt	9.8	120.2
15' Pt	9.4	120.6
2	9.6	120.4

145+0

2	11.0	119.0
15' Pt	11.0	119.0
27' Pt	11.3	118.7
20' Pt	13.0	117.0
35' Pt	13.4	116.6

145+25 -

28' Pt	14.9	115.1
24' Pt	12.2	116.7
15' Pt	13.8	116.2
2	14.2	115.8

145+50

2	16.6	113.4
10' Pt	16.8	113.2
25' Pt	16.2	113.8
27' Pt	16.5	113.5
BM ^d	11.0	128.95

 1411 19
 P. 1017 19
 129.06

36

Torry Pinas 0" Line

Cross Section of Cut 449+50 to 458+50

102.45

372

37

449+0 SPC # 1372

30.3 LL

110.3

1113.47

Reduced
1/2 + 1/31
w.m.m.d.c

450+50

449+50

29.8 LL

10.59

32.5 RL

7.4

103.9 ✓

25.6 LL

14.2

88.3

TP 0.54

102.15

9.43

101.91

07 Cut Sta
449+25

17.5 LL

16.6

85.9

27.6 RL

7.7

94.8

2

16.8

85.7

19' RL

10.9

91.6

19' RL

16.1

86.4

102.45

2

11.6

90.9

27' RL

13.3

89.2

837

930.6

18' LL

10.8

91.7

31.7 RL

4.6

97.9

26' LL

7.0

95.5

451+0

30.6 LL

112.7

31' RL

8.4

94.1

449+70

TP

0.41

93.47

9.39

93.06

BA cut sub
451+10

30.4 LL

111.5

27' RL

7.0

86.5

26.4 LL

8.8

93.7

17' RL

10.0

83.5

17' LL

12.2

90.3 ✓

2

10.5

83.0

2

12.5

90.0

12' LL

10.3

83.2

19' RL

11.2

91.3

25' LL

6.9

86.6

27.3 RL

8.7

93.8

29.6 LL

102.7

32.3 RL

0.0

102.5

451+50

450+0

29.4 LL

99.5

32.1 RL

11

101.4

25' LL

12.2

81.3

27.6 RL

9.7

92.8

13' LL

12.0

81.5

19' RL

14.2

88.3

2

13.1

80.4

2

14.3

88.2

21' RL

11.9

81.6

13' LL

13.5

89.0

27.5 RL

10.9

82.6

26' LL

10.5

92.0

31.5 RL

3.4

90.1 ✓

>

>

9347

452+0

31' Pt	5.1	88.4
27.3' Pt	12.4	81.1
19' Pt	14.5	79.0
1/2	15.3	78.2
17' Lt	14.6	78.9
25.4' Lt	11.7	81.8
29.7' Lt		98.2

452+50

30.2' Lt		97.4
25.6' Lt	13.6	79.9
18' Lt	16.6	76.9
1/2	17.3	76.2
20' Pt	16.5	77.0
27.5' Pt	13.5	80.0
31' Pt	6.4	87.1

453+0

31.6' Pt	8.0	85.5
28' Pt	15.5	78.0
30' Pt	19.0	74.5
1/2	19.6	73.9
18' Lt	19.3	74.2
25.1' Lt	15.4	78.1

96.6

0.45 83.62 10.30

83.17

453+50

83.62

94.0

38

30.5' Lt		94.0
26' Lt	7.9	75.7
16' Lt	12.4	71.2
1/2	13.3	70.3
31' Pt	12.5	71.1
27' Pt	10.0	73.6
31.7' Pt	0.5	83.1

454+0

32.3' Pt	2.4	81.2
28' Pt	12.2	71.4
23' Pt	14.1	69.5
1/2	15.3	68.3
18' Lt	13.5	70.1
26.3' Lt	10.3	73.3
31' Lt		92.1

454+50

31.1' Lt		91.1
26' Lt	12.5	71.1
18' Lt	16.4	67.2
1/2	17.5	66.1
21' Pt	16.8	66.8
28.2' Pt	14.0	69.6
32.4' Pt	4.3	79.3

455+0

31.6' Pt	8.7	74.9
28.3' Pt	17.5	66.1

83.62
 042 71-14 12.90 70.72
 23' PL 65 64.6
 2 75 63.6
 17' Lt 70 64.1
 25P Lt 47 66.4
 30 Lt 81.7
 455+50
 30 Lt 821
 25P Lt 54 65.7
 17' Lt 9.2 61.9
 2 99 61.2
 24' PL 9.2 61.9
 27' PL 76 63.5
 30.3 PL 14 69.7
 455+75
 30' PL 32 67.9
 28' PL 8.8 62.3
 24' PL 10.3 60.8
 2 111 60.0
 19' Lt 107 60.4
 25P Lt 8.3 62.8
 30 Lt 80.2
 456+0
 29.8 Lt 78.3
 25.5 Lt 9.1 62.0
 18' Lt 114 59.7

7114
 12.7 58.4
 24' PL 117 59.4
 28' PL 10.3 60.8
 29L PL 50 66.1
 456+25
 20' PL 66 64.5
 27' PL 119 59.2
 21' PL 13.6 57.5
 2 14.1 57.0
 19' Lt 13.2 57.9
 25 Lt 11.2 59.9
 29.9 Lt 77.4
 456+50
 29.9 Lt 76.4
 25 Lt 12.2 58.9
 18 Lt 16.8 56.3
 2 15.3 55.8
 24' PL 14.8 56.3
 27.9 PL 13.0 58.1
 20.7 PL 6.9 64.2
 457+0
 30' PL 9.2 61.9
 7P 0.27 58.62 12.89 58.25
 27.5 PL 2.9 55.7
 23' PL 4.7 53.9
 2 5.1 53.5

58.62

16 Lt	49	53.7
25 Lt	0.8	57.8
30 Lt		74.0
	457+50	
33.5		68.7
27 Lt	2.7	55.9
19 Lt	6.5	52.1
2	7.3	51.3
22 Pt	7.1	51.2
27.5 Pt	4.1	53.8
29.8 Pt	0.1	57.8
	457+75	
29.8 Pt	3.2	55.4
28 Pt	6.2	52.4
22 Pt	8.0	50.6
2	8.3	50.3
20 Lt	1.5	52.1
29 Lt	2.7	55.9
23.7 Lt	7.5	68.1 ✓
	458+0	
32 Lt	7.37	62.3 ✓
28 Lt	6.0	52.6
20 Lt	7.7	50.9
2	8.8	49.8
20 Pt	8.9	49.7
28 Pt	7.3	51.3

58.62

	458+50	
21 Pt		11.3
16 Pt		12.4
2		12.6
25 Lt		10.5
23 Lt		9.2
29 Lt		4.9
9 Pt	12.3	47.4
BM + 10		12.21
		11.30

40

	47.3
	46.2
	46.0
	48.1
	49.4
	53.7
	46.41
	36.34

on Feb 50 Lt
46.7 20.38
36.33

H.1 = 188.1

135+0

32.3 Lt		206.2
25.3 Lt	9.9	178.2
16 Lt	11.3	176.8
4	12.0	176.1
7.5 Pt	11.5	176.6
24.5 Pt	9.1	179.0
31 Pt		201.0

135+2710 = EC

31.2 Pt		201.9
2.5 Pt	10.8	177.3
13 Pt	13.7	174.4
4	13.6	174.5
7.5 Lt	13.0	175.1
24.7 Lt	12.4	175.7
32.6 Lt		205.7

135+50

32.2 Lt		202.8
31.1 Lt	13.5	174.6
16 Lt	14.2	173.9
4	14.7	173.4
15 Pt	15.3	172.8
24.8 Pt	12.7	175.4
31.1 Pt		199.5
TP	0.04	175.19

17523 1293

17523

135+75

30.5 Pt		195.3
24.6 Pt	2.3	172.9
13 Pt	3.7	171.5
4	3.0	172.2
15 Lt	2.9	172.3
25 Lt	3.6	172.6
31.9 Lt		200.2

136+0

31.6 Lt		197.4
25 Lt	4.0	171.2
15 Lt	4.4	170.8
4	4.2	171.0
12 Pt	5.4	169.8
25 Pt	3.8	171.4
29.9 Pt		191.0

136+50

31.1 Pt		180.4
26.2 Pt	6.5	168.7
32 Pt	7.6	167.6
4	7.0	168.2
16 Lt	6.6	168.6
25 Lt	5.8	169.4
28.9 Lt		183.1

136+75

27.6 Lt	1.4	173.8
---------	-----	-------

175.23

25.5/L	64	168.8
15.4/L	70	168.2
♀	66	168.6
70 PL	70	168.2
12 PL	82	167.0
27 PL	78	167.4
31 PL	+12	176.4

437+0

29 PL	80	167.2
23 PL	70	168.2
12 PL	78	167.4
16 PL	78	168.2
♀	72	168.0
12 PL	75	167.7
25 PL	123	162.9
27 PL	120	163.2
32 PL	105	164.7
31 PL	89	166.3

437+15

28.5 PL	77	167.5
26 PL	91	166.1
15 PL	80	167.2
♀	87	167.1

437+25

♀	88	166.4
16 PL	92	166.0

7

175.23

26.8 PL	9.0	166.2
34 PL	+6.4	181.6
437+50		
25.6 PL	+8.3	183.5
27 PL	95	165.7 ✓
21 PL	11.6	163.6
♀	10.6	164.6

437+60

♀	12.0	163.2
15 PL	12.6	162.6
26.8 PL	97	165.5 ✓
35.5 PL	+4.8	180.0 ✓

437+75

33 PL	6.6	168.6 ✓
22 PL	12.2	163.0 ✓
♀	13.4	161.8 ✓

437+77

♀	13.4	161.8 ✓
20 PL	12.7	162.5 ✓
26 PL	11.2	164.0 ✓
32 PL	7.0	168.2 ✓

437+90

25 PL	15.3	159.9 ✓
15 PL	18.1	163.1 ✓
♀	13.5	161.7 ✓
B PL	6.8	168.9 ✓

See Page - 31 This Book

43

February Estimate
Cross Section of Big Fill

	126+25 to			426+25	
BM	13.15	190.31	177.16	426+25	426.16
TP	12.17	201.85	0.63	189.68	
	12.90	214.13	0.62	201.23	

426+25 - 30' of Fill on top 11' x 40'

50' Lt		12.3	201.8	68' Pt	
60' Lt		17.8	196.3	58' Pt	
87' Lt		22.7	191.4	30' Pt	

426+50

82' Lt		22.0	192.1	30' Lt	
68' Lt		20.2	193.9	70' Lt	
50' Lt		13.1	201.0		

4		+3.0	217.1	69' Lt	
25' Pt		+2.8	216.9	30' Lt	
28' Pt - Temp Road		6.2	207.9	4	
70' Pt		1.8	212.3	30' Pt	

427+0

73' Pt		13.1	201.0	60' Pt	
87' Pt		15.0	199.1	67' Pt	
TP	0.51	202.25	12.39	201.74	

4		6.3	196.0	65' Pt	
40' Lt		8.9	193.4	50' Pt	
78' Lt		9.1	193.2	30' Pt	

427+50

73' Lt		9.1	193.2	67' Lt	
40' Lt		10.1	192.1	TP	3.13

202.25

4		11.0		191.3	
30' Pt		9.0		193.3	
57' Pt		7.7		194.6	
67' Pt		4.9		192.4	

427+75

68' Pt		5.8		196.5	.. 1'
58' Pt		8.8		193.5	
30' Pt		9.4		192.9	
4		11.6		190.7	
30' Lt		10.9		191.4	
70' Lt		9.6		192.7	.. 2'

428+0

69' Lt		10.4		191.9	.. 2'
30' Lt		11.7		190.6	
4		10.4		191.9	
30' Pt		9.3		193.1	
60' Pt		10.1		192.2	
67' Pt		7.3		195.0	.. 2'

428+25

65' Pt		8.5		192.7	
50' Pt		11.0		192.2	
30' Pt		11.9		190.3	
4		13.4		188.8	
30' Lt		14.0		189.2	
67' Lt		11.9		190.3	
TP	3.13	193.12	12.24	189.99	

Feb. 25.31
S. 11.0
H. 11.0
K. 11.0

44

Not out Pys

193.12

428+50

66 Lt	28	190.3
30 Lt	44	188.7
2	44	188.7
30 Pt	3.0	190.1
52 Pt	1.3	191.8
66 Pt	0.0	193.1

429+00

61 Pt	1.3	191.8
50 Pt	3.3	189.8
25 Pt	4.2	188.9
2	4.5	188.6
30 Lt	5.5	187.6
66 Lt	4.6	188.5

429+50

63 Lt	5.3	187.8
40 Lt	7.6	185.5
25 Lt	5.4	187.7
2	6.4	186.7
22 Pt	4.6	188.5
52 Pt	5.0	188.1
61 Pt	2.9	190.2

430+00

66 Pt	4.5	188.6
51 Pt	6.4	186.7
20 Pt	6.2	186.9

193.12

45

2	6.5	186.6
40 Lt	7.1	186.0
61 Lt	7.2	185.9

430+50

59 Lt	9.0	184.1
35 Lt	9.6	183.5
2	8.1	185.0
25 Pt	8.1	185.0
60 Pt	7.5	185.6

430+75

57 Pt	6.6	186.5
45 Pt	8.6	184.5
2	8.8	184.3
30 Lt	10.3	182.8
57 Lt	10.2	182.9

431+00

57 Lt	10.7	182.4
25 Lt	10.7	182.4
2	9.6	183.5
25 Pt	9.8	183.3
56 Pt	8.1	185.0

431+50

55 Pt	10.1	183.0
25 Pt	11.5	181.6
2	11.6	181.5
25 Lt	12.0	181.1

	19312	193.1
53' Lt	118	181.3
431+75		
52' Lt	124	180.7
25' Lt	131	180.0
2	126	180.5
25' Rt	120	181.1
44' Rt	123	180.8
53' Rt	106	182.5
432+0		
52' Rt	110	182.1
40' Rt	124	180.7
25' Rt	124	180.7
2	136	179.5
25' Lt	135	179.6
50' Lt	132	179.9
432+25		
50.5' Lt	143	178.8
25' Lt	143	178.8
2	149	178.2
25' Rt	135	179.6
40' Rt	135	179.6
50' Rt	114	181.7
433+50		
49.5' Rt	120	182.1
37' Rt	147	178.4
25' Rt	146	178.5

	19312	193.1
2	160	177.1
25' Lt	155	177.6
35' Lt	144	178.7
48' Lt	136	179.5
432+75		
47' Lt	142	178.9
27' Lt	153	177.8
2	114	176.7
25' Rt	157	177.4
35' Rt	154	177.7
47.5' Rt	131	180.0
433+0		
41.5' Rt	138	179.3
30' Rt	163	176.8
20' Rt	162	176.9
2	163	176.8
25' Lt	149	178.2
44' Lt	137	179.4
433+25		
39' Lt	134	179.7
25' Lt	126	179.5
2	168	176.3
30' Rt	163	176.8
44' Rt	140	177.1
433+50		
43' Rt	140	177.1

19312

47

20' PL 151 178.0

2 150 178.1

26' LI 13.3 179.8

36' LI 10.5 182.6

433+75

28' LI 5.7 187.4

15' LI 8.4 184.9

2 11.1 182.0

17' PL 13.0 180.1

40' PL 13.5 179.6

433+85 = End of Fill on PL

36' PL 12.4 180.7

20' PL 11.7 181.4

2 9.1 184.0

BH 15.94

4665124
482+60
17716

February Estimate
Cross Sections of Fills

437+50 to 444+0

BM 0.53 169.40

437+50

168.87

169.4

165.7

163.6

164.4

163.8

163.5

158.9

159.2

161.7

161.8

162.0

163.7

156.2

155.3

155.8

154.6

154.7

156.51

156.9

152.2

150.6

151.5

156.88

22' Lt

34' Lt

34' Lt

27' Lt

2

20' Pt

42' Pt

40' Pt

20' Pt

2

29' Lt

34' Lt

33' Lt

25' Lt

2

20' Pt

38' Pt

38' Pt

15' Pt

2

27' Lt

30.5' Lt

6.0

44

5.1

8.3

6.7

7.0

8.1

8.5

8.0

8.5

8.8

5.8

6.1

8.8

9.9

8.2

8.8

8.9

9.2

10.2

9.3

6.7

438+50

438+75

439+0

439+20

156.9

150.9

152.5

151.8

148.6

150.2

149.9

148.8

148.4

148.9

148.4

148.1

151.1

150.8

148.1

147.0

148.7

148.1

148.0

147.7

146.7

147.6

150.2

Feb 25-31

Sisson

Hartmann

Kanaga

48

15688

439+35

156.9

33' Lt	7.4	149.5
27' Lt	9.4	147.5
2	10.5	146.4
20' Pt	9.0	147.9
31' Pt	9.4	147.5

439+50

35' Pt	9.1	147.8
20' Pt	9.7	147.2
2	10.7	146.2
26' Lt	9.4	147.5
32' Lt	11.3	145.6

439+75

31' Lt	9.9	147.0
13' Lt	10.2	146.7
2	11.7	145.2
20' Pt	10.5	146.4
32' Pt	10.4	146.5

440+0

34' Pt	12.2	144.7
20' Pt	12.8	144.1
2	12.7	144.2
15' Lt	11.7	145.2
25' Lt	9.1	147.8

440+25

25' Lt	11.7	145.2
--------	------	-------

15688

15' Lt

12.0	<u>156.9</u>
14.1	144.9
20' Pt	142.8
34' Pt	142.4
	143.3

440+50

37' Pt	16.0	140.9
30' Pt	15.0	141.9
20' Pt	15.0	141.9
2	15.0	141.9
25' Lt	13.4	143.5
TP	0.30	144.83
	12.35	141.53

440+75

25' Lt	3.2	<u>144.8</u>
2	5.1	141.6
20' Pt	7.0	139.7
41' Pt	9.4	137.8
		135.4

441+0

13' Pt	12.2	132.6
20' Pt	10.1	134.7
2	7.0	137.8
25' Lt	3.8	141.0

441+25

25' Lt	8.1	136.7
10' Lt	9.6	135.2
2	12.1	132.7
12' Pt	14.5	130.3

49

14483

45' Pt		145	<u>144.8</u> 130.3
	441+50		
43' Pt		153	129.5
20' Pt		161	128.7
z		167	128.1
12' Lt		151	129.7
25' Lt		149	129.9
TP	0.37 13291	1229	132.54
	141+75		<u>132.9</u>
25' Lt		28	130.1
z		75	125.4
20' Pt		69	126.0
16' Pt		68	126.1
	443+0		
45' Pt		79	125.0
20' Pt		94	123.5
z		94	123.5
25' Lt		52	127.7
	442+50		
25' Lt		87	124.2
9' Lt		103	122.6
z		120	120.9
20' Pt		129	120.0
47' Pt		128	120.1
	443+0		
42' Pt		148	118.1

13291

20' Pt		132	<u>132.9</u> 119.7
z		133	119.6
10' Lt		133	119.6
25' Lt		110	121.9
33' Lt		109	122.0
	443+25		
36' Lt		105	122.4
20' Lt		119	121.0
z		136	119.3
20' Pt		146	118.3
45' Pt		151	117.8
	443+50		
41' Pt		116	121.3
20' Pt		112	121.7
z		110	121.9
25' Lt		71	125.8
31' Lt		104	122.5
	443+75		
30' Lt		81	124.8
25' Lt		90	123.9
z		95	123.4
20' Pt		104	122.5
34' Pt		106	122.3
	444+0		
30' Pt		100	122.9
20' Pt		96	123.3

50

132.91

15.41
28.41

9.5 123.4
9.8 123.1
6.5 126.4
10.3 122.1

on Sub
R1 44-10
F1178
122.69

51

16814

15' Pt	10.2	157.9
35' Pt	11.8	156.3
45' Pt	13.8	154.3
TP	1.31	156.90
	12.55	155.59
	438+25 ✓	
35' Pt	1.7	155.2
25' Pt	0.0	156.9
7' Pt	0.3	156.6
4	1.4	155.5
20' Lt	0.9	156.0
29' Lt	0.0	156.9
	438+50 ✓	
31' Lt	2.1	154.8
20' Lt	2.9	154.0
4	3.0	153.9
8' Pt	2.4	154.5
25' Pt	2.0	154.9
33' Pt	4.0	152.9
	438+62 ✓	
30' Pt	3.7	153.2
20' Pt	3.1	153.8
8' Pt	3.3	153.6
4	4.6	152.3
20' Lt	3.8	153.1
31' Lt	2.8	154.1
	438+75 ✓	

156.90

53

31' Lt	3.7	153.2
20' Lt	4.5	152.4
4	5.4	151.5
8' Pt	4.1	152.8
25' Pt	3.8	153.1
30' Pt	5.3	151.6
	439+0 ✓	
31' Pt	5.1	151.8
20' Pt	5.7	151.2
8' Pt	5.6	151.3
4	6.4	150.5
20' Lt	6.3	150.6
31' Lt	5.2	151.7
	439+10 ✓	
31' Lt	5.6	151.3
20' Lt	6.8	150.1
10' Lt	8.2	148.7
4	7.1	149.8
8' Pt	6.1	150.8
20' Pt	6.4	150.5
31' Pt	5.6	151.3
	439+20 ✓	
31' Pt	6.0	150.9
20' Pt	7.0	149.9
8' Pt	6.6	150.3
4	7.5	149.4

156.90

18 Lt	8.5	148.4
20 Lt	7.3	149.6
30 Lt	6.0	150.9
439+35 ✓		
30 Lt	6.9	150.0
20 Lt	8.2	148.7
10 Lt	9.4	147.5
2	8.3	148.6
8 Rt	7.7	149.2
20 Rt	7.6	149.3
31 Rt	6.9	150.0
439+50 ✓		
30 Rt	7.1	149.8
20 Rt	8.3	148.6
2	9.1	147.8
10 Lt	9.9	147.0
20 Lt	8.9	148.0
31 Lt	7.8	149.1
439+75 ✓		
31 Lt	9.9	147.0
20 Lt	10.4	146.5
2	11.0	145.9
20 Rt	9.9	147.0
32 Rt	9.6	147.3
440+0 ✓		
32 Rt	11.3	145.6

156.90

15 Rt	11.9	145.0	54
2	12.2	144.7	
15 Lt	11.8	145.1	
25 Lt	9.3	147.6	
440+25 ✓			
25 Lt	11.6	145.3	
10 Lt	13.3	143.6	
2	13.3	143.6	
15 Rt	13.7	143.2	
32 Rt	12.6	144.3	
TP	0.5t 144.60	12.8t	144.60
440+50 ✓			
32 Rt	2.9	141.7	
15 Rt	2.9	141.7	
2	2.5	142.1	
9 Lt	2.2	142.4	
25 Lt	1.2	143.4	
440+75 ✓			
25 Lt	2.4	142.2	
10 Lt	4.1	140.5	
2	4.1	140.5	
15 Rt	4.2	140.4	
32 Rt	3.4	141.2	
440+90 ✓			
34 Rt	4.7	139.9	
15 Rt	5.2	139.4	

144.60

△	5.2	139.3
10 Lt	5.1	139.5
25 Lt	3.4	141.2
441+0 ✓		
28 Lt	3.1	141.5
10 Lt	5.7	138.9
△	6.0	138.6
15 Rt	5.9	138.7
35 Rt	5.4	139.2
441+25 ✓		
35 Rt	7.1	137.5
15 Rt	7.9	136.7
△	7.4	137.2
13 Lt	6.9	137.7
26 Lt	5.5	139.4
441+50 ✓		
30 Lt	6.9	137.7
15 Lt	8.4	136.2
△	8.7	135.9
15 Rt	9.5	135.1
33 Rt	8.2	135.9
441+75 ✓		
33 Rt	10.0	134.6
15 Rt	10.7	133.9
△	10.1	134.5
15 Lt	9.5	135.1

144.60

55

32 Lt		8.7	135.9
442+0 ✓			
31 Lt		9.8	134.8
15 Lt		10.6	134.0
△		11.4	133.2
15 Rt		12.1	132.0
32 Rt		11.1	133.5 ✓
442+50 ✓			
33 Rt		14.3	130.3
TP	0.09	131.84	128.5
15 Rt		2.8	129.0
△		3.2	128.6
13 Lt		1.5	130.3
31 Lt		0.5	131.3
443+0 ✓			
31 Lt		2.6	129.2
12 Lt		4.2	127.6
△		5.5	126.3
15 Rt		5.6	126.2
32 Rt		3.9	127.9
443+25 ○			
32 Rt		5.5	126.3
15 Rt		6.5	125.3
△		6.6	125.2
11 Lt		5.6	126.2
33 Lt		4.9	126.9

131.84

443+50

32 Lt	58	126.0
11 Lt	67	125.1
+	72	124.6
15 Rt	74	124.4
32 Rt	60	125.6

443+750

31 Rt	77	124.1
15 Rt	80	123.8
+	80	123.8
10 Lt	75	124.3
25 Lt	80	123.8

444+0 V

25 Lt	81	123.4
10 Lt	84	123.4
+	85	123.3
15 Rt	84	123.4
29 Rt	86	123.2

444+2036 - PC ✓

29 Rt	94	122.4
15 Rt	90	122.8
+	90	122.8
10 Lt	89	122.9
15 Lt	104	121.4
25 Lt	95	122.3

BM

374

128.10

B.P. 6/10/14

443+10

127.98

56

Walker
Bliss
Diebert
3-26-31

MARCH ESTIMATE
Bet. Station 461+30.38 to 485+74.24

4163

57

8M. & P in Culvert
inlet 460+0

1.33 41.63 40.24

↓ 461+30.38 = BC. Pt

30' Lt.	7.1	34.5
9' "	10.8	30.8
7' "	12.0	29.6
6'	12.3	29.3
14' Rt.	12.6	29.0
16' "	11.9	29.7
33' Rt.	10.2	31.4
32' Rt.	10.5	31.1
16' Rt.	12.2	29.4
14' "	13.3	28.3
6'	12.6	29.0
7' Lt.	12.2	29.4
9' "	11.2	30.4
30' Lt.	8.3	33.3

↓ 461+45

33' Lt.	8.9	32.7
9' Lt.	11.9	30.2
7' "	12.5	29.1
6'	12.8	28.8
15' Rt.	13.4	28.2
16' "	12.4	29.2
31' "	10.4	31.2

• 461+60

32' Rt.	11.4	30.2
16' "	13.1	28.5
15' "	14.3	27.3
6'	13.3	28.3
7' Lt.	13.0	28.6
9' "	12.1	29.5
30' "	11.2	30.4

↓ 461+75

31' Lt.	12.5	29.1
9' "	13.3	28.3
TP.	2.33 30.95	13.01 28.62
7' Lt.	3.0	27.9
6'	3.3	27.6
15' Rt.	4.0	26.9
16' Rt.	3.0	27.9
31' Rt.	1.5	29.4

↓ 462+00

31' Rt.	3.0	27.9
15' Rt.	4.1	26.8
14' Rt.	4.7	26.2
6'	4.4	26.5
7' Lt.	4.1	26.8
8' "	3.7	27.6
33' "	2.0	28.9

↓ 462+25

30.95

33' Lt	2.4	285
9' "	4.5	264
8' "	5.3	256
2	5.6	25.3
12' Rt	5.5	254
13' "	4.8	261
27' "	3.3	276
↓ 462 + 50		
27' Rt	3.3	276
13' "	5.3	256
12' "	6.3	246
2	6.6	243
10' Lt	6.7	242
11' "	5.7	252
32' "	3.5	274
↓ 462 + 60		
32' Lt	4.2	267
11' "	6.0	249
10' "	6.9	240
2	6.9	240
12' Rt	6.8	241
13' "	5.8	251
28' "	4.1	268
↓ 463 + 00		
27' Rt	6.7	242
13' Rt	7.2	237

30.95

58

12' Rt	8.1	228
2	7.7	232
11' Lt	7.5	234
12' "	6.1	248
30' "	5.1	258
↓ 463 + 25		
32' Lt	6.7	242
13' Lt	7.5	234
12' "	8.3	226
2	8.8	22.1
11' Rt	8.9	220
12' "	8.1	228
27' Rt	6.9	240
↓ 463 + 50		
27' Rt	8.1	228
11' Rt	9.2	217
10' Rt	9.7	212
2	9.9	210
12' Lt	9.6	213
13' "	8.7	222
30' "	7.6	233
↓ 463 + 75		
30' Lt	8.7	222
14' "	10.1	208
13' "	10.6	203
2	10.7	202

30.95

10' Rt	10.4	205
11' "	9.9	210
23' "	9.6	213
↓ 464+00		
27' Rt	10.4	205
10' Rt	10.9	200
9' "	11.3	196
2' "	11.4	195
13' Lt.	11.7	192
14' "	10.8	201
23' "	9.7	212
↓ 464+30		
28' Lt.	10.7	202
15' Lt	11.6	193
13' Lt.	12.5	184
2' "	12.5	184
11' Rt.	12.3	186
12' Rt.	11.8	191
27' "	11.1	198
T.P.	0.21 19.69	11.47 19.48
↓ 464+50		
25' Rt.	0.0	197
9' Rt.	1.6	18.1
2' "	1.8	17.9
14' Lt.	1.7	18.0
15' "	0.8	18.9

19.69

59

29' Lt	0.0	197
↓ 465+00		
32' Lt.	2.3	174
16' "	2.8	169
15' "	3.2	165
2' "	3.3	164
7' Rt.	3.1	166
8' Rt.	2.4	173
26' Rt.	1.4	183
↓ 465+50		
27' Rt.	3.8	159
8' Rt.	5.0	14.7
7' "	5.6	14.1
2' "	5.7	14.0
17' Lt.	5.7	14.0
34' "	4.0	15.7
↓ 466+00		
32' Lt.	5.1	14.6
14' Lt.	6.9	12.8
2' "	7.3	12.4
7' Rt.	6.8	12.9
28' "	4.5	15.2
↓ 466+25		
28' Rt.	5.5	14.2
12' Rt.	7.6	12.1
2' "	7.5	12.2

1969

12' Lt.	7.4	12.3
17' Lt.	6.6	13.1
34' "	5.5	14.2
↓ 466+50		
35' Lt.	5.8	13.9
20' Lt.	6.5	13.2
15' Lt.	7.8	11.9
2	7.9	11.8
13' Rt.	8.4	11.3
30' Rt.	6.1	13.6
↓ 466+80		
30' Rt.	6.3	13.4
14' Rt.	8.9	10.8
2	8.9	10.8
9' Lt.	8.6	11.1
10' Lt.	7.9	11.8
36' Lt.	6.9	12.8
↓ 467+00		
36' Lt.	7.3	12.4
12' "	8.6	11.1
11' "	9.3	10.2
2	9.5	10.2
21' Rt.	8.8	10.9
32' Rt.	6.9	12.8
↓ 467+25		
32' Rt.	6.7	13.0

1969

16' Rt.	9.1	10.6
2	9.7	10.0
7' Lt.	9.9	9.8
36' Lt.	8.1	11.6
↓ 467+50		
37' Lt.	8.4	11.3
25' Lt.	8.0	11.7
7' Lt.	9.7	10.0
2	9.7	10.0
18' Rt.	8.5	11.2
32' "	6.2	13.5
↓ 467+75		
31' Rt.	5.7	14.0
12' Rt.	7.1	12.6
2	9.5	10.2
15' Lt.	9.0	10.7
36' Lt.	7.8	11.9
↓ 468+00		
38' Lt.	7.4	12.3
21' Lt.	8.1	11.6
17' "	9.7	10.0
2	9.3	10.4
3' Rt.	7.1	12.6
31' Rt.	6.3	13.4
↓ 468+25		
33' Rt.	7.4	12.3

60

19.69

♀		7.7	12.0
3' Lt.		9.0	10.7
17' Lt.		9.4	10.3
34' Lt.		7.4	12.3
	↓ 468+50		
35' Lt.		7.4	12.3
20' Lt.		8.2	11.5
18' Lt.		9.5	10.2
2' Lt.		9.6	10.1
♀		8.3	11.4
32' Rt.		7.4	12.3
TP.	3.24 15.26	7.7	12.02
	↓ 468+75		
31' Rt.		3.6	11.6
♀		3.8	11.4
40' Lt.		4.3	11.0
	↓ 469+00		
53' Lt.		4.9	11.0
6		4.2	11.0
33' Rt.		4.3	11.0
	↓ 469+25		
33' Rt.		4.7	10.6
♀		4.7	10.5
47' Lt.		4.0	11.3
	↓ 469+50		
42' Lt.		3.9	11.4

15.26

♀		5.1	10.2
30' Rt.		4.5	10.7
	↓ 469+75		
30' Rt.		4.6	10.6
♀		5.2	10.0
37' Lt.		4.0	11.3
	↓ 470+00		
34' Lt.		4.1	11.2
10' Lt.		5.3	10.0
♀		5.0	10.3
30' Rt.		4.9	10.4
	↓ 470+25		
30' Rt.		4.9	10.3
♀		5.1	10.2
30' Lt.		4.5	10.7
	↓ 470+50		
29' Lt.		4.0	11.3
10' Lt.		4.5	10.8
7' Lt.		5.5	9.7
♀		5.3	10.0
29' Rt.		4.8	10.5
	↓ 470+75		
29' Rt.		5.5	9.7
♀		5.4	9.9
26' Lt.		4.0	11.3
	↓ 471+00		

61

15.26

23' Lt.	4.1	11.2
L	5.0	10.3
29' Rt.	5.2	10.0

471+25

29' Lt.	4.3	11.0
L	4.6	10.7
23' Lt.	4.1	11.2

471+50

22' Lt.	4.0	11.3
L	4.3	11.0
27' Rt.	4.0	11.3

471+75

26' Rt.	3.7	11.5
L	4.2	11.1
22' Lt.	4.0	11.3

472+00

22' Lt.	3.8	11.5
L	4.5	10.8
28' Rt.	4.5	10.8

472+11.61 = E.C.

28' Rt.	4.0	11.3
20' Rt.	5.3	10.0
L	4.7	10.5
22' Lt.	3.9	11.4

472+50

24' Lt.	3.7	11.6
---------	-----	------

15.26

L	4.8	10.5
12' Rt.	5.7	9.6
30' "	4.5	10.8

472+90

30' Rt.	4.3	11.0
18' Rt.	5.5	9.8
L	4.8	10.5

10' Lt.	5.1	10.2
24' Lt.	3.9	11.4

473+05

24' Lt.	4.0	11.3
12' Lt.	4.3	11.0
9' "	5.1	10.2

L	5.1	10.2
13' Rt.	5.5	9.8
30' Rt.	4.4	10.9

473+50

30' Rt.	5.0	10.3
15' Rt.	6.5	8.8
L	6.0	9.3

9' Lt.	5.5	8.8
10' Lt.	4.0	11.3
24' Lt.	3.9	11.4

474+00

25' Lt.	4.0	11.3
13' Lt.	4.1	11.2

62

10' Lt	5.2	10.0
6	5.3	10.0
14' Rt	5.9	9.4
27' Rt	4.3	11.0
↓ 474+15		
27' Rt	4.4	10.8
15' Rt	5.9	9.4
6	5.3	10.0
10' Lt	5.0	10.3
12' Lt	4.2	11.0
24' Lt	4.0	11.3
↓ 474+65		
24' Lt	4.1	11.2
4' Lt	4.3	11.0
6	5.3	10.0
14' Rt	5.9	9.4
28' Rt	4.4	10.9
↓ 474+75		
28' Rt	4.7	10.6
14' Rt	6.1	9.2
6	5.1	10.1
24' Lt	4.1	11.1
↓ 474+85		
24' Lt	4.1	11.1
6	5.2	10.0
15' Rt	5.1	9.6

27' Rt	4.6	10.6
↓ 475+40		
29' Rt	4.8	10.4
15' Rt	5.9	9.3
6	5.3	10.0
24' Lt	4.0	11.3
↓ 476+00		
25' Lt	4.1	11.2
7' Lt	4.7	10.5
6	5.7	9.5
17' Rt	6.7	8.5
30' Rt	5.3	10.0
7 P	3.45	13.58
5.13	10.13	
↓ 476+40		
29' Rt	2.9	10.7
12' Rt	3.9	9.7
6	3.1	10.5
24' Lt	2.3	11.3
↓ 476+60		
24' Lt	2.6	11.0
6	3.3	10.3
28' Rt	3.4	10.2
↓ 477+00		
28' Rt	3.3	10.3
6	3.2	10.4
24' Lt	2.5	11.1

1358

	477+30		
24' Lt.	27	10.9	
Σ	3.6	10.0	
28' Rt.	4.0	9.6	
	477+60		
29' Rt.	3.5	10.1	
Σ	3.6	10.0	
24' Lt.	2.9	10.7	
	478+30		
21' Lt.	3.1	10.5	
Σ	3.7	9.9	
34' Rt.	4.5	9.1	
	478+50		
31' Rt.	4.1	9.5	
Σ	3.7	9.9	
19' Lt.	3.5	10.2	
	478+70		
20' Lt.	3.5	10.2	
Σ	4.0	9.6	
31' Rt.	3.8	9.9	
	479+25		
34' Rt.	5.0	8.6	
Σ	4.6	9.0	
19' Lt.	4.1	9.5	
	479+35		
19' Lt.	4.0	9.6	

1358

64

Σ	4.6	9.0
35' Rt.	4.4	9.2
	479+60	
33' Rt.	4.8	8.8
Σ	4.4	9.2
19' Lt.	4.3	9.3
	480+00	
20' Lt.	4.9	8.7
Σ	4.7	8.9
32' Rt.	4.5	9.1
	480+40	
33' Rt.	4.1	9.5
Σ	5.0	8.6
20' Lt.	5.4	8.2
	480+60	
20' Lt.	5.7	7.9
Σ	5.2	8.4
31' Rt.	4.6	9.0
	481+00	
35' Rt.	5.5	8.1
Σ	6.3	7.3
17' Lt.	5.8	7.8
	481+35	
14' Lt.	6.4	7.2
Σ	6.0	7.6
37' Rt.	5.4	8.2

1358

	↓ 481+60		
37' RT.	6.9	6.7	
ℓ	6.2	7.4	
14' LT.	7.0	6.6	
	↓ 481+75		
14' LT.	6.8	6.8	
ℓ	6.4	7.2	
35' RT.	6.5	7.1	
	↓ 482+00		
34' RT.	7.3	6.3	
ℓ	6.9	6.7	
15' LT.	6.4	7.2	
	↓ 482+50		
14' LT.	7.4	6.2	
ℓ	7.0	6.6	
32' LT.	7.2	6.4	
	↓ 483+00		
32' RT.	8.3	5.3	
ℓ	7.9	5.7	
14' LT.	8.5	5.1	
	↓ 483+50		
14' LT.	8.7	4.9	
ℓ	8.1	4.5	
32' RT.	7.5	6.1	
	↓ 484+00		
33' RT.	9.4	4.2	

1358

ℓ	8.6	5.0	65
15' LT.	8.5	5.1	
	↓ 484+50		
16' LT.	8.8	4.8	
ℓ	9.4	4.2	
33' RT.	9.7	3.9	
	↓ 485+00		
34' RT.	9.9	3.7	
ℓ	9.6	4.0	
14' LT.	9.2	4.4	
	↓ 485+40		
11' LT.	10.2	3.4	
ℓ	10.1	3.5	
33' RT.	10.6	3.0	
	485+74.24 = BC.		
31' RT.	10.5	3.1	
ℓ	10.7	2.9	
2' LT.	10.6	3.0	
Chk. on 811. #12	6.83	6.75	
		6.76 = 8M.	
		0.01 = Error.	

75

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DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder
stake for any width roadway, slope 1 1/2 to 1.
If ground is nearly level, the cut or fill at side
stake is located by the double entry method in
left column and top row. The number in body

IMPROVED TABLES
AND
INFORMATION

TABLE No. 2.

To find Tangent and External for curve of
any other degree, divide by degree of curve and
add correction found in column of corrections.
Degree of curve with a given L may be found
by dividing tangent, (or external), opposite L by
given tangent, (or external).
The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius.

232.63 ✓	235.99 ✓	149.18 ✓
+ 12.87	+ 0.46	+ 1.95
<u>245.50 ✓</u>	<u>236.45 ✓</u>	<u>151.13 ✓</u>
- 0.12	- 12.55	- 7.62
<u>245.38 ✓</u>	<u>223.90 ✓</u>	<u>143.51 ✓</u>
+ 11.16	+ 2.41	+ 12.10
<u>256.54 ✓</u>	<u>226.31 ✓</u>	<u>155.61 ✓</u>
- 2.93	- 9.32	- 0.11
<u>253.61 ✓</u>	<u>216.99 ✓</u>	<u>155.50 ✓</u>
+ 5.59	+ 1.33	
<u>259.20 ✓</u>	<u>218.32 ✓</u>	
- 11.86	- 12.62	
<u>247.34 ✓</u>	<u>205.70 ✓</u>	
+ 2.39	+ 2.00	
<u>249.73 ✓</u>	<u>207.70 ✓</u>	
- 12.61	- 12.93	
<u>237.12 ✓</u>	<u>194.77 ✓</u>	
+ 1.50	+ 1.03	
<u>238.62 ✓</u>	<u>195.80 ✓</u>	
- 1.20	- 10.72	
<u>237.42 ✓</u>	<u>185.08 ✓</u>	
+ 11.13	+ 1.59	
<u>248.55 ✓</u>	<u>186.67 ✓</u>	
- 2.83	- 12.99	
<u>245.72 ✓</u>	<u>173.68 ✓</u>	
+ 12.59	+ 0.47	
<u>258.31 ✓</u>	<u>174.15 ✓</u>	
- 12.29	- 12.73	
<u>246.02 ✓</u>	<u>161.42 ✓</u>	
+ 2.89	+ 0.43	
<u>248.91 ✓</u>	<u>161.85 ✓</u>	
- 12.92	- 12.67	
<u>235.99 ✓</u>	<u>149.18 ✓</u>	

BM # 5

346.13	354.79	317.70 ✓
+ 12.54	- 12.80	12.86
<u>358.97 ✓</u>	<u>341.99</u>	<u>304.84 ✓</u>
- 1.04	+ 1.02	+ 0.90
<u>357.93 ✓</u>	<u>343.01 ✓</u>	<u>305.74 ✓</u>
+ 12.92	- 12.06	- 10.96
<u>370.85 ✓</u>	<u>330.95 ✓</u>	<u>294.78 ✓</u>
- 0.41	+ 2.15	+ 0.41
<u>370.44 ✓</u>	<u>333.10 ✓</u>	<u>295.19 ✓</u>
11.88	- 8.28	- 10.67
<u>382.32 ✓</u>	<u>324.82 BM#</u>	<u>284.52 ✓</u>
- 0.31	+ 5.45	+ 3.65
<u>382.01 ✓</u>	<u>330.27 ✓</u>	<u>288.17 ✓</u>
8.73	- 12.19	- 12.90
<u>390.74 ✓</u>	<u>318.08 ✓</u>	<u>275.27 ✓</u>
- 7.38	+ 1.59	+ 11.65
<u>383.36 ✓</u>	<u>319.67 ✓</u>	<u>286.92 ✓</u>
+ 10.43	- 12.48	- 11.26
<u>393.79 ✓</u>	<u>307.19 ✓</u>	<u>275.66 ✓</u>
- 12.90	+ 3.95	+ 1.86
<u>380.89 ✓</u>	<u>311.14 ✓</u>	<u>277.52 ✓</u>
+ 3.37	- 0.44	- 12.02
<u>384.26 ✓</u>	<u>310.70 ✓</u>	<u>265.50 ✓</u>
12.64	+ 12.67	+ 3.35
<u>371.62 ✓</u>	<u>323.37 x</u>	<u>268.85 ✓</u>
+ 2.15	- 4.27	- 12.83
<u>373.77 ✓</u>	<u>319.10 ✓</u>	<u>256.02 ✓</u>
- 11.90	+ 10.53	+ 2.16
<u>361.87 ✓</u>	<u>329.63 ✓</u>	<u>258.18 ✓</u>
+ 2.59	- 0.20	- 12.61
<u>364.46 ✓</u>	<u>329.43 Old BM</u>	<u>245.57 ✓</u>
- 12.09	247.34 ✓	1.77
<u>352.37 ✓</u>	0.20	- 12.04
+ 2.42	329.63 ✓	235.30 ✓
<u>354.79</u>	- 12.44	+ 4.25
	<u>317.19 ✓</u>	<u>239.55 ✓</u>
	+ 0.51	- 6.92
	<u>317.70 ✓</u>	<u>232.63 ✓</u>