61

FIELD BOOK

1860

No 161

Cass S.A.R. = 5 Job # 2802

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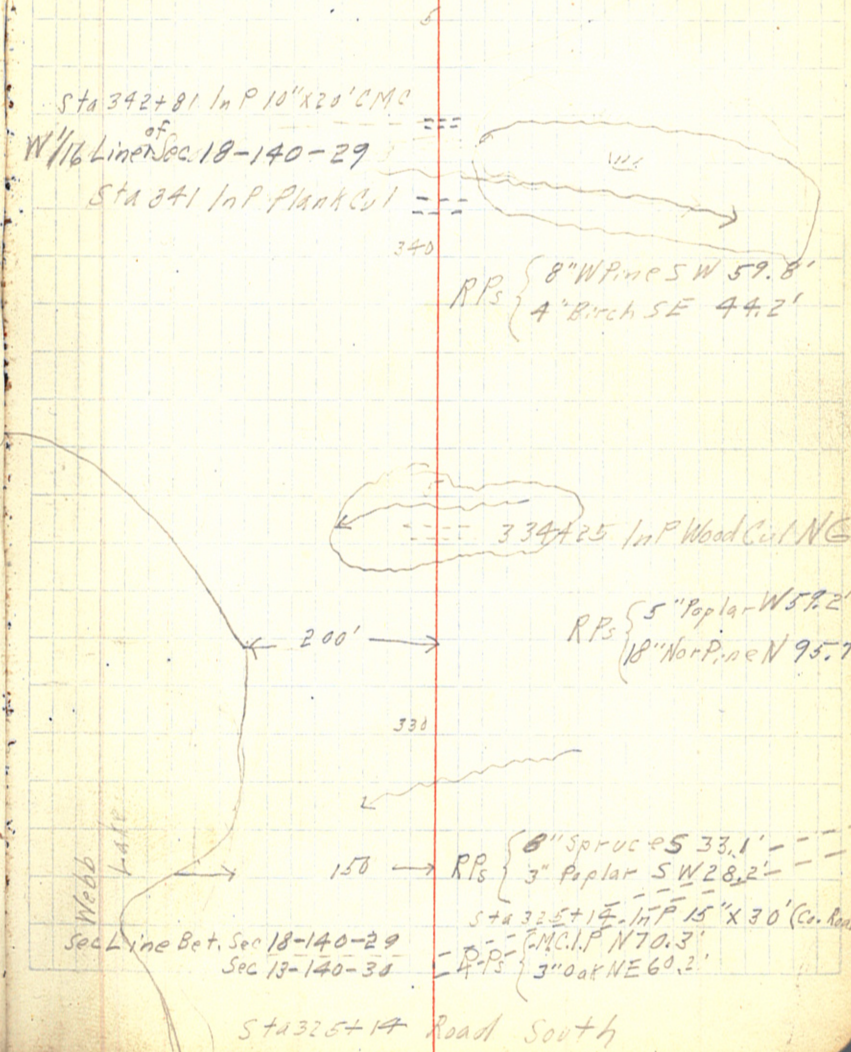
Transit Note S.A.R #5 Job #2802

Begining at South end of Webb Lake

Sta	Defl	Angle	Bearing			
342+65						
P&T 339						
					P.T.	15°36'
					333	12°49'
PT. 333+55.72 B= 333+63.68F				D 10°R	+50	10°19'
			(N83°27'E)	T 159.98		
				L 312.00	332	7°49'
				E 21.9		
P.I. 332+03.7	R	31°12'	N83°E		+50	5°19'
					331	2°09'
PC 330+43.72						
				PT	27°15'	
				329	26°32'	
PT 329+09.59 B = 329+39.74 Fwd.				+50		22°47'
				328	19°02'	
				+50		15°17'
			(N52°15'E)	327	11°32'	
P.I. 327+43	L	54°30'	N52°E	+50		7°47'
	Δ 15°			326	4°02'	
PC 325+46.26	T 196.74					
325+14	L 363.33		S73°15'E			
	E 47.68					

11-21-27

Party { RA Dahms Engr. / AR Taubman Asst Engr. / F French Chain }



PT 369+76.35 B = 369+79.32 Fwd.

P.I. 368+65.0 R 22°34' (S 69°43'E) S 70°30'E

D 10° R
T 114.32
L 225.67
E 11.3

PT - 11°17'
+50 - 9°58'
369 - 7°28'
+50 - 4°58'
368 - 2°28'

PC 367+50.68

PT 366+67.78 = 366+79.6 F

P.I. 364+92.5 L 36°10' (N 87°43'E) N 87°E

D 10° L
T 187.1
L 361.67
E 29.8

PT - 18°05'
366 - 14°44'
+50 - 12°14'
365 - 9°44'
+50 - 7°14'
364 - 4°44'
+50 - 2°14'

PC 363+05.4

PT 361+39.32 B = 361+57.01 Fwd.

P.I. 359+46 R 40°26' (S 56°07'E) S 56°30'E

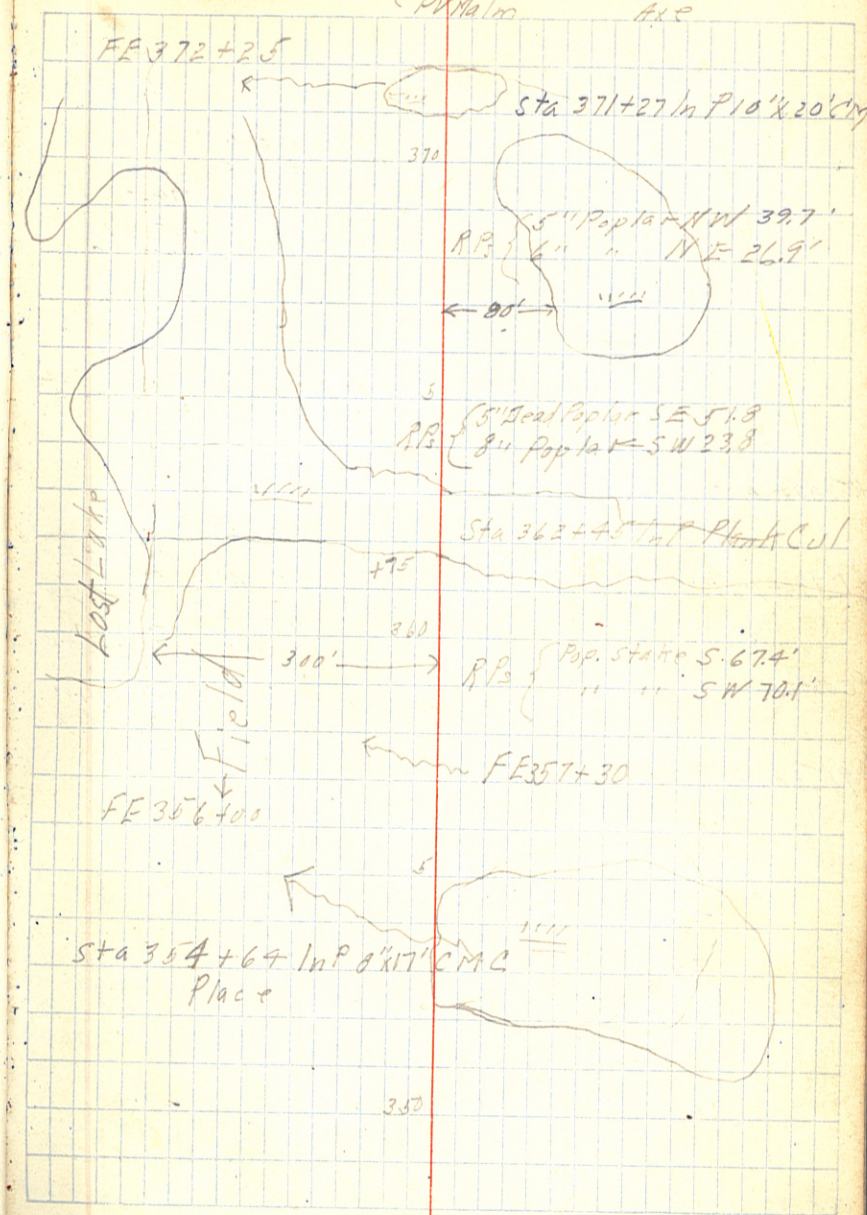
D 10° R
T 211.01
L 404.33
E 37.6

PT 20°13'
361 18°15'
+50 15°45'
360 13°15'
+50 10°45'
359 8°15'
+50 5°45'
358 3°15'
+50 0°45'

PC 357+34.99

11-22-27

Party { R A Jahns Engr
A P Jaubman Asst. Engr.
A Kessler Chain
P Malm Axe



396+14.7
2 09.5
388+19.2

(N46°E)

P.I. 396+28.2 L 18°00' N45°30'E

D-4°
T-226.88
L-438.00
E.17.85

PT-9°00'
398-7.38
+50 6°58'
397-5°58
+50-4°58
396-3°58
+25-2°28
396-1.58
+50-0°58
+25-0°28

396+19 = Old P.I. 395+71.1

PC 394+01.32

388+19.2 Back = 388+21.2 Fwd

PT 388+16.458 = 388+19.2 F

(N64°E)

P.I. 386+14.7 L 16°15' N63°30'E

D = 4°L
T 204.5
L 406.25
E 14.52

PT- 8°08'
388-7.48
+40-6°36'
387-5°48'
+60-5°10'
386-3°48'
+75-3°18'
+25-2°18'
386-1.48'
+50-0°48'

PC 384+10.2

PT 382+12.

PT 377+13.57 = 377+22.44 Fwd.

(N80°15'E)

P.I. 375+30.3 L 30°02' N79°30'E

D 8°L
T 192.14
L 375.41
E 25.3

PT-15°01'
377-14°28'
+50-12°28'
376-10°28'
+50-8°28'
375-6°28'
+50-4°28'
374-2°28'
+50-0°28'

PC 373+38.16

PT 422+69.39 B = 422+69.61 F (N 45°58'E)
PI 422+32 R 10°30' N 45°E
PC 421+44.39 (Not Run In)

Δ 14°
T 37.61
L 75.00'
E 1.72

PT - 5°15'
+50 - 3°54'
422 - 0°24'

PT 415+82.22 B = 416+17.2 F

(N 35°28'E)
PI 413+17.0 L 46°50' N 74°30'E
412+07.0

Δ 8°
T 310.2
L 585.42
E 64.29

PT - 23°25'
415 - 20°08'
414 - 16°05'
413 - 12°08'
412 - 8°08'
411 - 4°08'
410 - 0°08'

PC 409+96.8

PT 403+79.65 B = 403+95.5 F

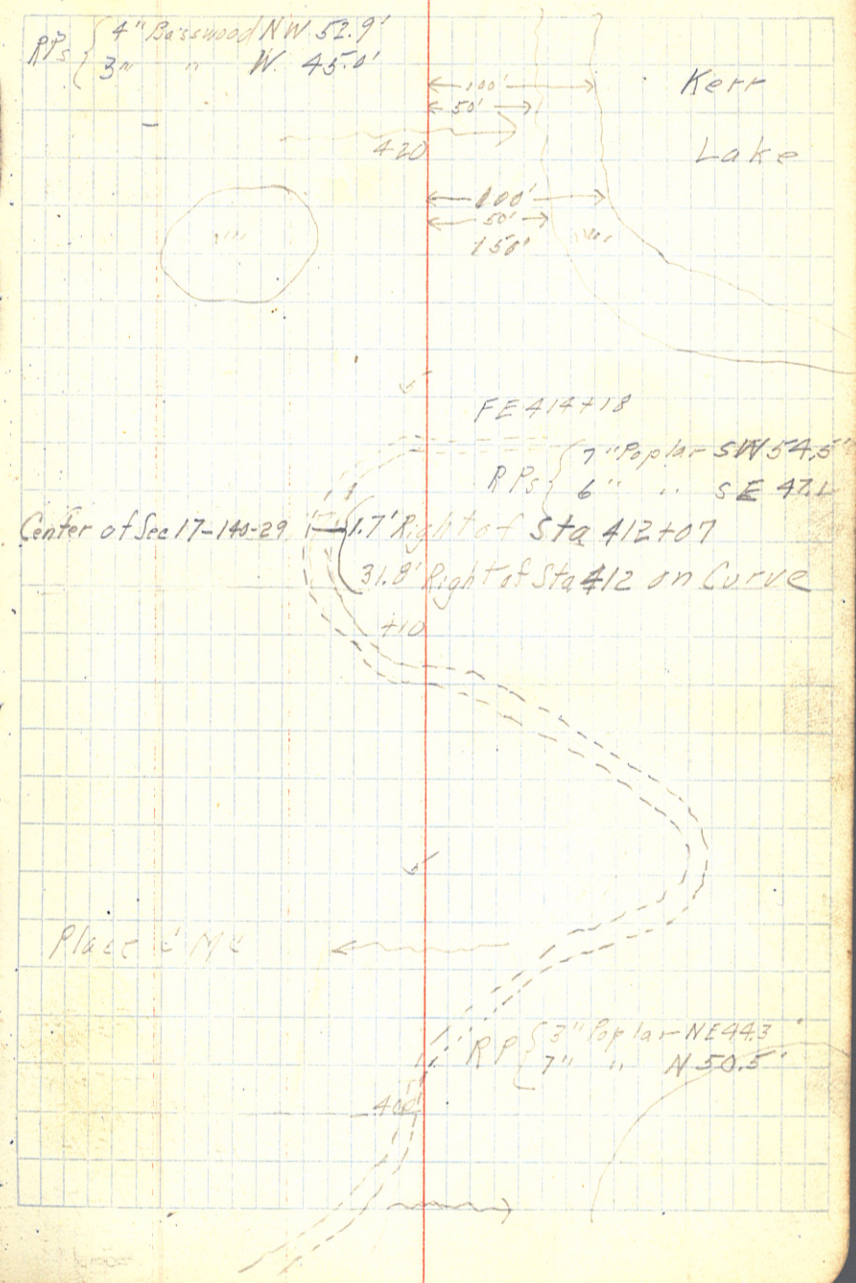
(N 82°18'E)
PI 401+60.7 R 36°18' N 81°30'E

Δ 8°
T 234.8
L 463.75
E 37.5

PT - 18°09'
403 - 14°58'
+50 - 12°58'
402 - 10°58'
+75 - 9°58'
+40 - 8°24'
401 - 6°58'
+75 - 5°58'
+50 - 4°58'
400 - 2°58'
+60 - 1°22'

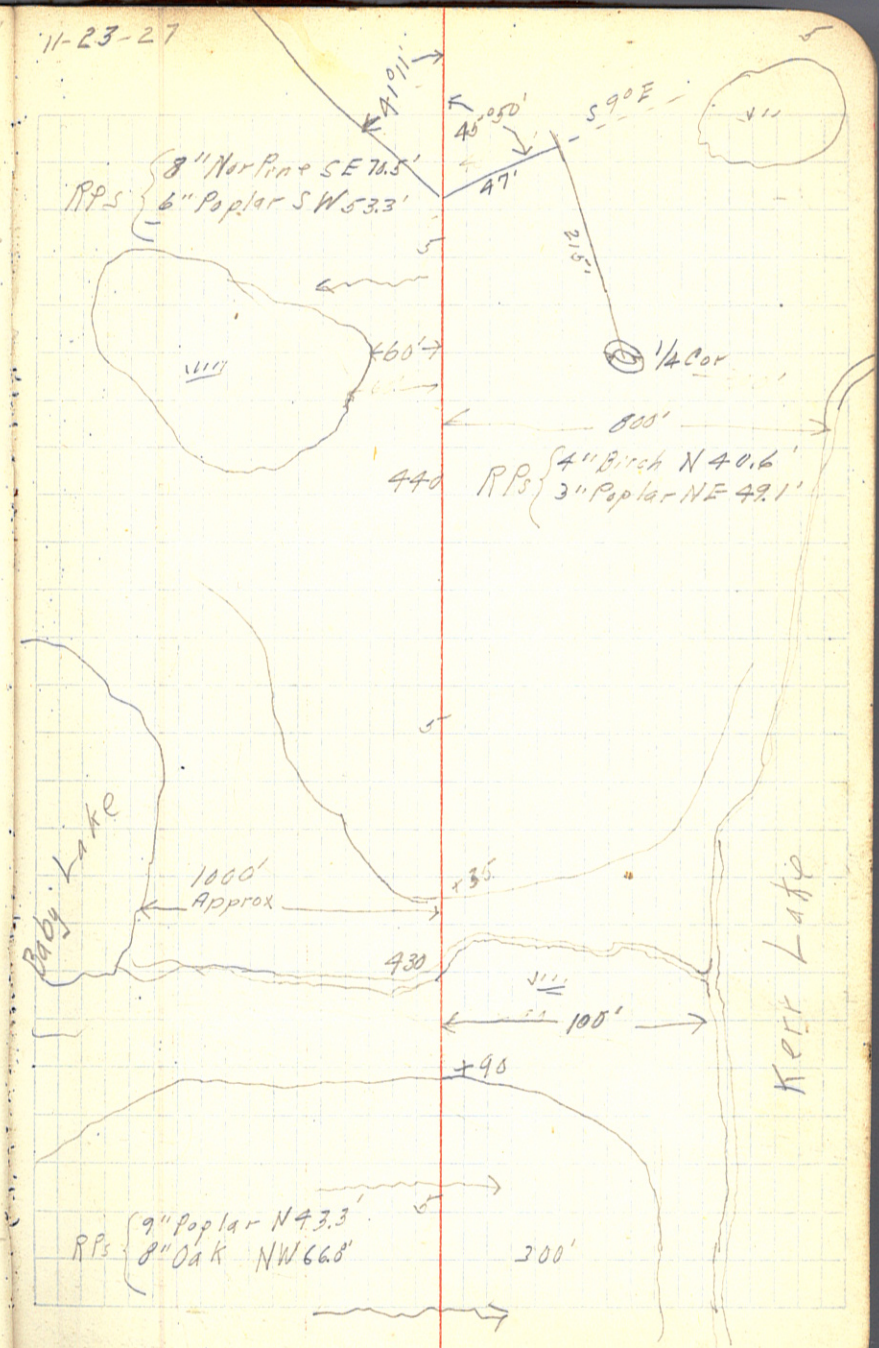
PC 399+25.9

PT 398+51.32 B = 398+55.0 F

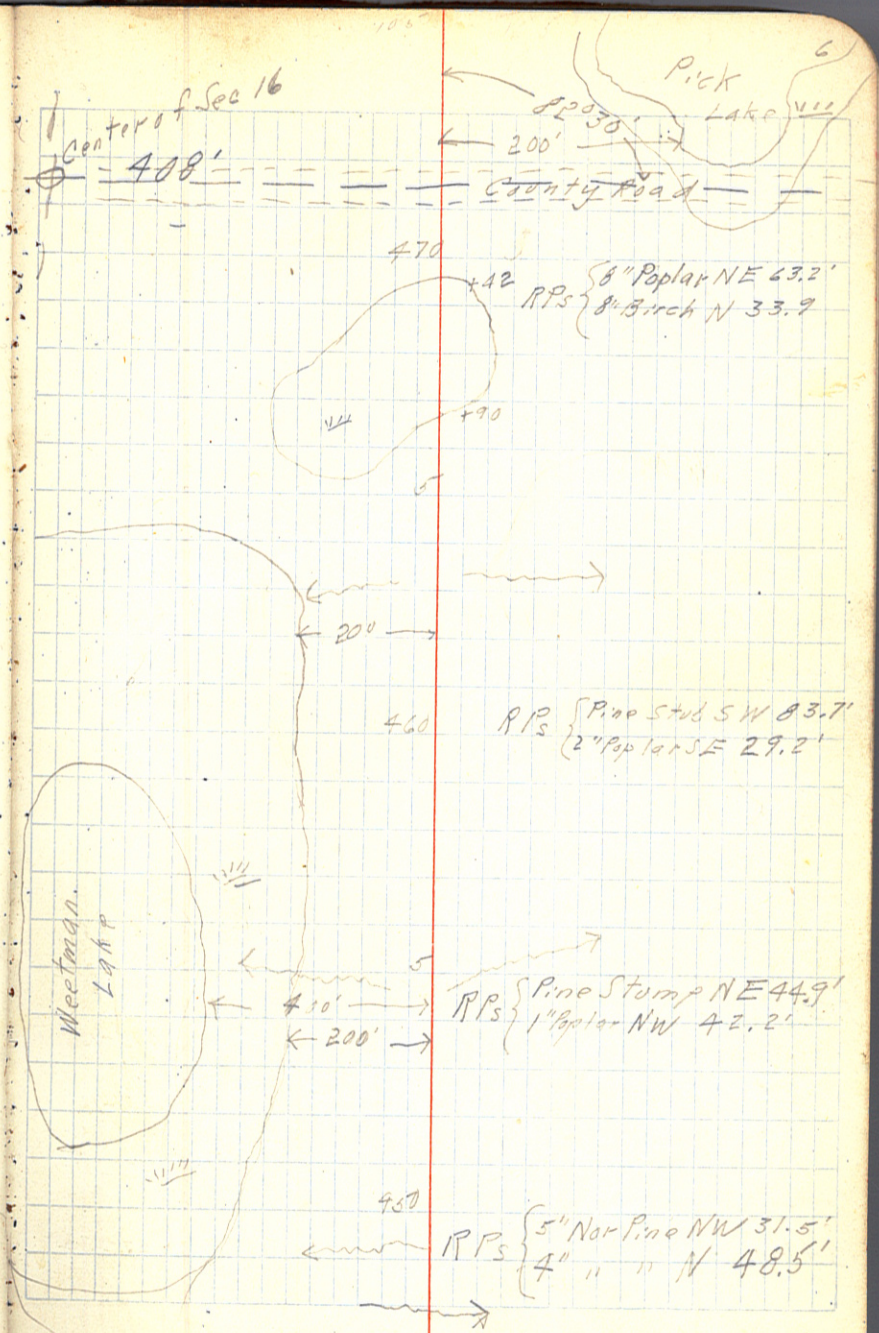


PT 448+28.55 B = 448+47.28 F					
P I 446+32	L	41°11'	(N84°32'E) N84°E		
				D 10°	PT - 20°35'
PC 444+16.72				T 215.28	448 - 19°10
				L 411.83	+50 - 16°40
PT 442+10.67 B = 442+19.12 F				E 39.11	447 - 14°10
					+65 - 12°26
			(S54°17'E)		446 - 9°10
P I 440+30	R	29°33'	S 55°E		+55 6°55'
				D 8°	446 - 4°10
PC 438+40.88				T 189.12	+50 - 1°40
				L 369.79	PT - 14°43'
				E 24.53	442 - 14°22
					+30 - 11°34
					441 - 10°22
					+50 - 8°22'
					440 - 6°22'
					+75 - 5°22'
					+25 - 3°22
					439 - 2°22
					+55 - 0°34'
430+30	Creek Bank				
429+90	Creek Bank				
429+45	Creek				
PT 426+48.25 B = 426+73.08 F					
					PT - 25°05'
					426 - 21°22'
			(S 83°52'E)		+50.
P.I. 424+81.5	R	50°10'	S84°E	D 14°	425 - 14°47'
				T 191.58	+40
				L 358.33	424 - 7°47'
				E 42.6	+40 - 3°22
					423 - 0°42
PC 422+89.92					

11-23-27



471+29					
PT 471+06.2 B = 471+06.3 F			(N 89°53'E)	Δ 2°	PT - 2°23'
					471 - 2°19
P.I. 469+87.5	R	4°45'	N 89°E	T 118.8	470 - 1°19'
PC 468+68.7	(Not Run In)			L 237.5	469 - 0°39'
				E 2.85	
					PT - 12°04
					+25' 11°02
					462 - 10°17
					+55 - 9°36'
					+30 - 9°11
					461 - 7°17
					+60 - 6°05
					+40 - 5°53
PT 462+59.15 B = 462+66.2 F					460 - 4°17
			(N 85°38'E)	Δ 6°	+75 - 3°32'
P.I. 460+61.2	L	24°07'	N 84°E	T 209	+35 - 2°40
				L 401.95	459 - 1°17
				E 21.55	+85 - 0°50
PC 458+57.2					
					PT - 5°15'
PT 457+16.75 B = 457+18.25 F					457 - 5°05
					456 - 4°05
					455 - 3°05
			(S 70°45')	Δ 2°	
P.I. 454+55	R	10°30'	S 71°30'E	T 263.25	454 - 2°05'
				L 525.0	453 - 1°05'
	(Not Run In)			E 12.05	
					452 - 0°05'
PC 451+91.75					
PT 450+87.54 B = 450+88.8 F			(S 81°45'E)		
P.I. 449+69.7	R	14°13'	S 81°30'E	Δ 6°	PT - 7°06'
					+55 - 6°08
PC 448+50.6	(Not Run In)			T 119.1	450 - 4°29'
				L 236.94	+69.7 - 3°37'
				E 7.4	449 - 1°29'
					+75 = 0°44'



11-25-27

7

PT 491+59.78 B = 492+34.24 F

PI 489+45.7 L 70°22' (N75°31'E) N75°E D 14° T 288.64 L 502.62 E 91.49

PC 486+57.14

P.O.T. 483+43

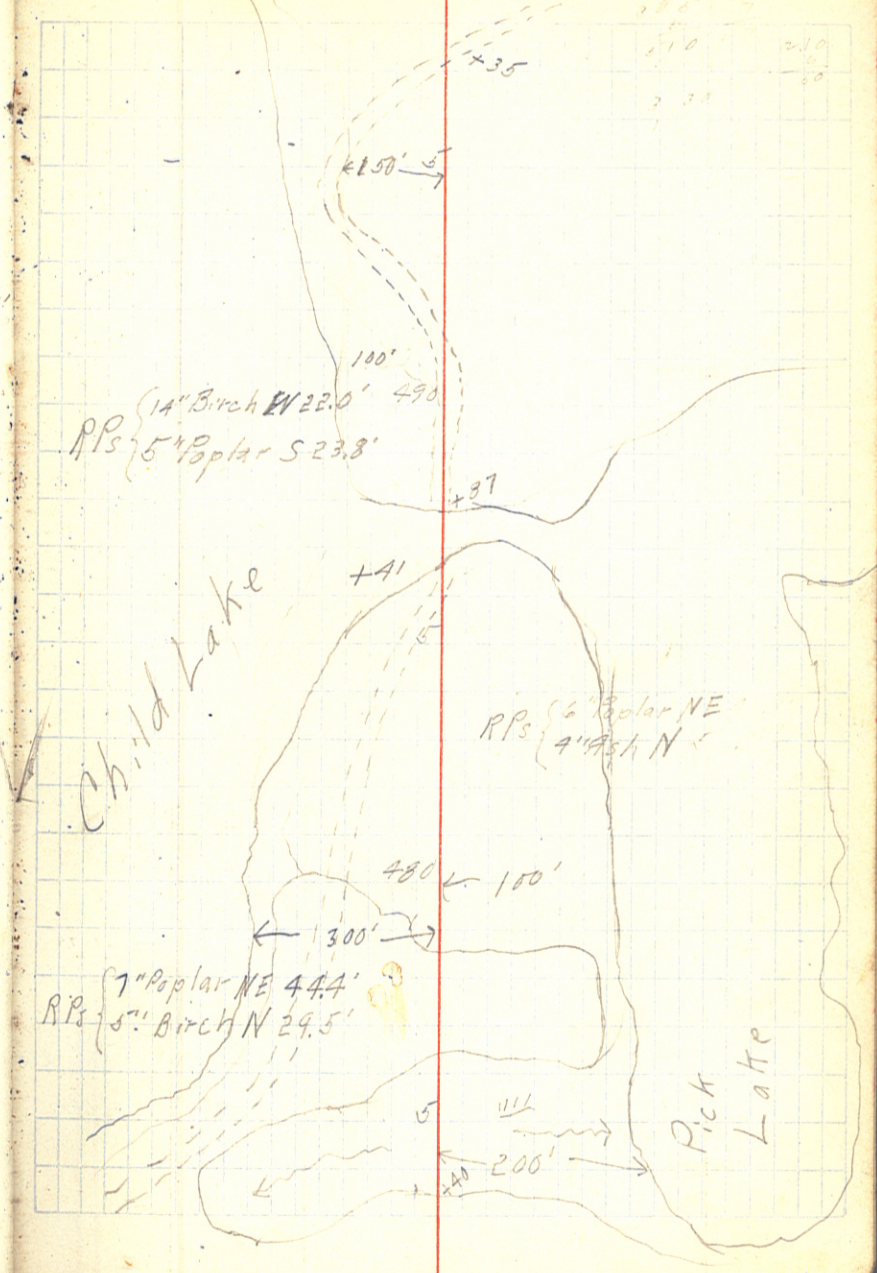
PT 479+84.34 B = 480+33.66 F

PI 477+29 R 56°00 (S34°07'E) S35°E D 10° T 304.66 L 560.00 E 75.96

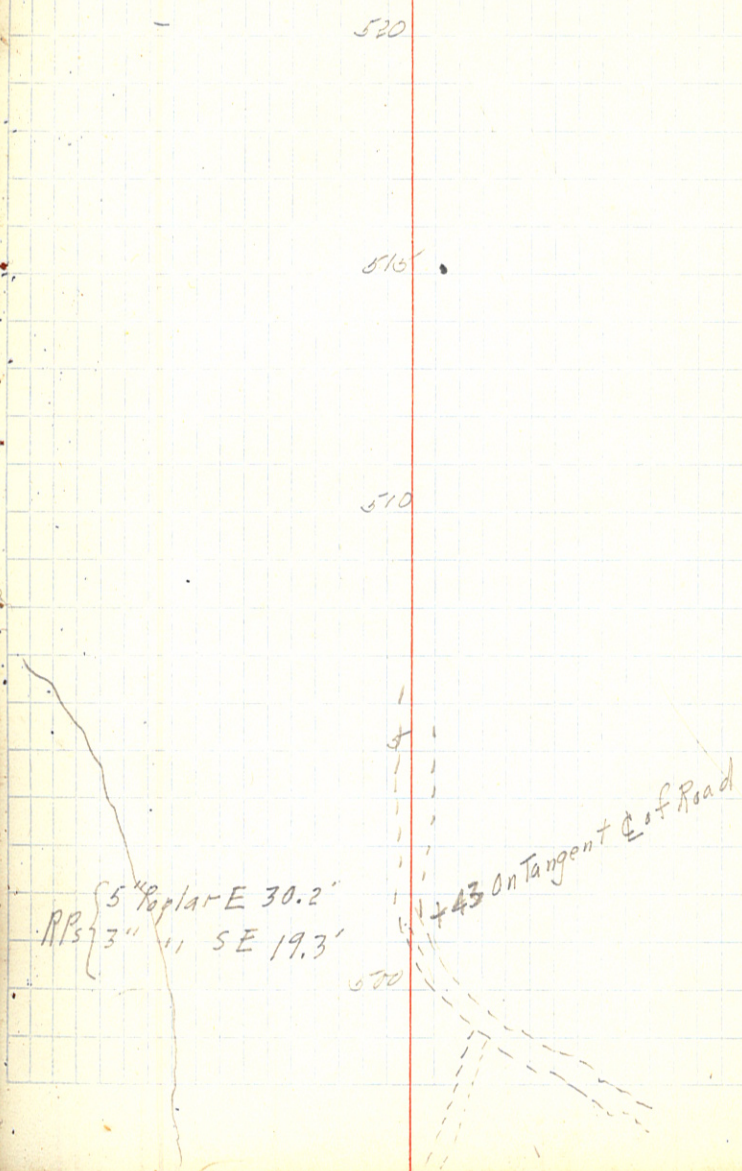
PC 474+24.34

PT - 35°11
+40 - 33°48
491 - 31°
+86 29°57'
+55 27°51'
490 - 24°
+50 - 20°30'
489 - 17°
+50 13°30'
+75 - 11°45'
488 - 10°
+50 - 6°30'
487 - 3°

PT - 28°00
479 - 23°47'
478 - 18°47'
477 - 13°47'
476 - 8°47'
475 - 3°47'



					PT – 21°45'
PT 503+17.22 B = 503+33.09					503 – 20°33
			(N 32°01'E)		
PI 501+69.8	L	43°30'	N 31°30'E	Δ 14°	502 – 13°33
PC 500+06.51				T 163.29	501 – 6°33'
				L 310.71	
				E 31.37	



402+92.3 = P.I. 401+60.7 Main Line

400+16

P.I. 396+57.5 — R — 57°15' — (N82°10'E) N81°30'E

P.I. 390+83.2 — L — 39°05' — (N24°55'E) N24°30'E

5

7/16 Line ------ 400

RPs { 2" Oak N 24.3'
2" Birch W 20.0'

5

Sta 393+56 In P.I. 10"x20" Mc

RPs { 6" Poplar SE 53.2'
4" " S

Level & X-Sec Notes

Job 2802 S.A.R. No 5.

Sta	−	HI	+	Elev
BM		1367.61	11.40	1356.21
324	10.1			57.5
325	7.8			59.8
+14	7.3			60.3
PC+46.26	6.2			61.4
326	3.8			63.8
+50	2.7			64.9
327	0.8			66.8
TP	0.07			1367.54
+		1370.70	3.16	
+50	4.6			66.1
328	4.1			66.6
+50	4.8			65.9
329	7.2			63.5
PT+09.59	7.7			63.0
+60	8.5			62.2
330	10.8			59.9
TP	12.41			1358.29
+		1359.26	0.97	
PC+43.72	2.0			57.3
Lake Level	18.2			1341.06

11-26-27

Party { R.A. Jahms Engr
A.R. Taubman Asst. Engr − (Level) 1
F. French Rod
A. Tussler Chain }

H.I. = 52

L R

On Meander Corner Iron Monument N. of Sta 325+14

L 8.3 6.6 | 5.5 7.9 8.3
17 12 5.2 | 11 17 29

5.4 6.3 6.7 5.4 | 5.7 6.5 5.4 4.4 CS
34 21 18 14 | 17 20 22 38

6.4 6.5 6.6 5.6 | 3.9 2.9 1.0 CS
37 21 17 14 | 27 49 71

6.6 6.1 7.2 5.8 | 5.0 5.7 4.6 3.7
33 22 19 15 | 15 18 20 37 CS

CS 7.4 6.1 7.1 6.0 | 5.7 6.3 3.2 2.4 CS
29 15 14 10 | 16 19 25 35

CS 5.6 3.8 3.2 6.0 5.2 | 4.3 4.1 4.8 0.7 0.1 CS
32 21 7 6 1 | 12 23 28 35 47

CS 5.0 3.2 1.5 | 3.7 4.2 4.7 3.0 2.8 −0.7 −0.8
34 21 8 | 18 28 32 36 40 45 49

CS 7.4 6.1 5.2 4.2 | 3.9 2.9 2.2 1.6
38 30 20 1.0 | 11 22 34 36

CS 9.8 9.0 7.8 7.6 | 4.3 3.6 3.4 2.2 0.8
30 26 15 6 | 6 15 25 29 41

CS 12.5 8.2 6.8 7.5 5.4 | 4.8 5.2 6.0 4.3 3.4 CS
34 24 13 11 7 | 6 14 17 19 34

CS 12.2 11.0 7.1 8.1 5.7 | 5.3 6.1 4.3 4.4 L
39 30 20 18 12 | 8 13 14 27

CS 10.2 7.6 8.5 5.6 | 5.5 5.9 4.2 3.5 CS
29 21 19 13 | 8 11 12 30

CS 9.6 8.0 8.3 5.9 | 5.4 6.0 4.4 4.4 L
32 22 21 15 | 5 8 10 31

7.9 7.3 7.7 6.4 5.8 5.1 | 6.1 4.2 4.7 4.7 ✓
38 26 24 20 16 6 | 6 8 12 29

		1369.24		
331	5.0			54.3
+50	6.1			53.2
332	5.3			54.0
+50	5.5			53.8
Old B.M.	3.73			1355.53
+75	4.2			55.1
333	4.1			55.2
PT+55.72	5.1			54.2
334	5.5			53.8
+25	5.6			53.7
+50	5.3			54.0
335	3.6			55.7
+45	1.3			58.0
TP	0.33			1358.93
+		1370.54	11.61	
336	9.9			60.6
+50	4.3			66.2
TP	0.72			1369.82
+		1381.57	11.75	
337	9.3			72.3
+15	7.7			73.9
338	0.9			80.7
TP	0.39			1381.18
+		1389.82	8.64	

H I = 5.2

4.0 5 4 6.4 4.9 4.6 4.3 4.6 6.4 4.3 3.5 3.0 C S
4 0 3 2 3 0 2 8 2 1 1 1 2 3 5 2 6 3 9 C S
4.7 6.2 4.4 4.7 5.9 4.4 3.0 C S
3 3 3 3 2 4 7 1 1 1 3 0
6.0 7.3 5.6 5.9 7.0 5.8 4.2 2.3 C S
3 6 3 3 2 3 9 4 3 1 5 3 1
6.2 6.5 7.2 5.0 4.3 5.4 3.5 2.2 1.8
4 4 2 9 2 7 2 0 3 3 7 2 0 3 6 L

On 18" Nor. Pine N of Sta 332
7.2 6.6 7.0 5.8 5.1 5.4 5.5 3.3 2.5 C S
3 3 2 6 2 4 1 7 8 3 6 1 0 2 7
C S 6.0 5.0 6.7 5.6 5.1 5.4 5.7 3.8 2.4 C S
3 3 2 3 2 0 1 5 6 6 9 1 0 2 9
5.5 5.9 7.2 5.9 5.3 6.6 4.6 4.2
3 3 1 9 1 7 1 1 6 1 3 1 6 3 1
7.3 6.8 7.2 6.1 5.3 6.0 5.3 5.1
3 1 1 7 1 6 1 0 7 1 2 1 4 3 2

Wood Cul
6.4 5.9 6.7 6.7 5.7 6.4 6.2 6.6 5.6
3 0 1 8 1 7 1 4 1 2 6 1 2 1 4 3 0
6.3 5.6 6.8 5.7 5.4 6.3 5.7 5.0 L
C S 3 0 1 8 1 6 1 1 5 1 2 1 4 2 6
6.0 5.7 6.8 5.8 6.2 6.4 5.2 5.3
C S 2 9 1 7 1 5 9 6 1 4 1 5 3 3

6.9 6.1 6.8 6.8 5.1 6.2 4.9 3.8
C S 3 1 1 7 1 5 1 0 7 1 4 1 7 3 5 C S
8.0 6.7 7.8 6.2 5.0 6.0 4.5 3.9
C S 3 1 1 7 1 6 1 3 6 1 4 1 6 3 7 C S

6.5 5.7 6.3 5.5 5.2 6.2 5.0 4.7
C S 3 2 1 7 1 6 1 0 9 1 5 1 6 3 1 C S
6.2 5.8 7.2 5.9 5.8 6.8 5.5 5.6
C S 3 2 1 7 1 6 1 1 1 0 1 5 1 7 3 2
7.0 6.5 7.6 6.2 5.8 6.8 5.2 5.3
C S 3 0 1 7 1 5 1 0 1 2 1 6 1 7 3 3

		1389.82		
+30	7.3			82.5
+75	6.5			83.3
339	5.2			84.6
+25	4.6			85.2
+75	6.6			83.2
340	7.2			82.6
+50	9.3			80.5
341	10.1			79.7
342	8.7			81.1
+65	8.1			81.7
+81	7.8			82.0
343	7.8			82.0
TP	7.73			1382.09
+		1390.72	8.63	
Old BM	5.17			1385.55
+40	7.6			83.1
344	4.1			86.6
+40	3.0			87.7
345	4.4			86.3
+50	4.9			85.8
346	5.3			85.4
+45	7.6			83.1
347	8.2			82.5
TP	11.73			1378.99
+		1379.85	0.86	

L H.I.: 5.2 R

	L					R					
	7.2	6.5	7.2	6.0	5.2	6.5	5.1	5.2			
CS	32	16	15	10	10	17	18	36			
5.1	5.2	5.7	6.8	6.0	5.5	6.3	5.4	5.1			
35	2.3	18	16	11	12	17	18	36			
	4.8	5.4	6.5	5.7	5.6	6.3	5.3	5.3			
CS	34	17	16	11	11	16	18	33		L	
	4.4	4.9	5.9	5.6	5.5	6.0	4.3	4.5			
CS	33	17	15	11	11	16	17	37		CS	
	3.9	4.5	5.1	5.1	5.6	6.9	6.6	7.7			
CS	31	17	16	12	7	15	16	39		CS	
	4.1	4.6	5.5	5.3	5.6	6.9	6.5	6.2			
CS	28	18	16	12	7	14	15	32		CS	
	3.7	4.6	5.9	5.2	5.4	6.5	7.4	6.7	7.7		
CS	33	18	16	15	9	11	14	16	28	CS	
	4.0	4.7	6.4	5.3	5.6	7.1	7.4				
CS	36	19	17	10	5	12	27			L	
	3.8	4.6	5.9	5.4	5.2	6.2	5.6	6.2			
CS	34	21	18	15	4	10	12	28		CS	
	4.9	5.2		4.8	6.1	6.6	6.6	5.9	5.4		
	59	33		16	7	8	11	13	30	CS	

CMC

	5.7	5.9	7.2	6.0	5.5	6.5	6.6	5.6	5.3	
CS	36	20	19	14	3	8	13	14	28	C.S

On 8" Poplar N of Sta 343+60

	5.4	5.6	6.7	5.8		5.4	6.6	5.4	5.3		
CS	35	18	17	11		5	13	15	34		
	5.0	5.5	6.7	6.0	5.2	5.4	6.7	5.9	6.0		
CS	37	18	17	13	6	4	14	15	32		CS
		5.7	6.9	5.8		5.6	7.0	5.7	6.0		
L		18	17	10		8	15	16	38		
	5.0	5.6	6.4	5.7		5.6	6.5	5.5	5.3		
	42	17	16	10		7	15	16	39		
		5.9	6.8	5.7		5.2	6.0	6.9	4.9	5.3	
L		17	16	10		5	9	15	16	34	CS
	6.3	5.7	7.0	5.7		5.9	7.5	6.2	7.7		
L	35	18	16	10		8	15	16	36		CS
	4.9	5.0	6.3	5.3	4.9	5.8	7.0	7.0	7.7		
	36	19	17	12	2	7	12	15	33		
6.0	6.1	6.4	5.3	4.8		5.5	6.9	5.4	6.4		
36	20	18	17	2		6	13	15	35		

		1379.85		
348	3.5			76.4
349	5.4			74.5
+25	5.7			74.2
+80	7.7			72.2
350	8.7			71.2
+75	11.8			68.1
TP	12.08			1367.77
+		1369.01	1.24	
351	2.7			66.3
352	7.9			61.1
353	10.8			58.2
BM	9.57			1359.44
+85	11.3			57.7
354	11.6			57.4
+70	12.5			56.5
355	10.9			58.1
+25	10.2			58.8
TP	10.84			1358.17
+		1359.60	1.43	
356	0.5			59.1
+45	1.4			58.2
357	5.5			54.1
+30	7.1			52.5
PC+34.99	6.9			52.7

11-28-27

H.I. = 5.2

14

5.6 5.6 6.6 5.9 5.1 4.9 | 5.3 6.4 5.7 5.0
39 22 20 13 8 3 | 4 13 16 34
4.8 5.2 6.3 5.2 4.9 | 5.4 5.9 6.8 6.0 5.8 CS
CS 40 28 19 9 4 | 2 9 13 14 26
4.6 5.8 7.0 5.3 4.8 | 5.2 7.2 5.9 6.4
CS 35 21 19 13 4 | 3 13 14 33 L
5.1 5.0 6.7 5.4 4.9 | 5.6 7.2 5.7 6.0
L 36 20 19 14 4 | 5 12 13 31 CS
5.3 4.3 6.8 5.6 5.0 | 5.1 7.5 6.2 6.6
36 20 19 11 4 | 4 11 12 29 CS
4.3 5.4 6.6 5.5 4.9 | 5.9 7.5 6.2 6.8
CS 37 20 18 13 5 | 5 18 12 29 CS

4.0 5.0 6.5 5.6 5.0 | 5.9 8.1 6.0 6.8
CS 34 21 17 14 5 | 5 9 13 26 CS
2.8 3.4 5.5 5.2 4.6 | 6.1 7.3 6.9 8.0
CS 36 21 18 13 6 | 5 10 11 27 CS
3.4 4.5 5.4 4.7 4.1 4.4 | 6.1 6.0 6.0
CS 46 24 22 18 9 4 | 5 2 31 L

On 10" Polaris N of Sta 354

4.5 4.5 6.8 6.0 4.6 4.2 | 6.5 5.1 5.1
36 25 22 20 14 7 | 7 8 26 L
5.0 5.2 6.8 6.4 4.8 4.3 | 5.9 6.1 4.8 5.0
CS 39 24 22 20 16 8 | 4 8 10 26 L
8.2 7.2 7.6 5.8 5.0 | 5.0 6.6 4.5 3.4
CS 32 22 21 12 5 | 5 11 13 30 CS
9.3 8.0 8.9 7.4 6.0 | 5.3 6.0 5.9 3.7 2.5
CS 37 24 23 19 13 | 5 6 9 11 23 CS
10.1 8.6 9.3 7.2 | 5.3 5.7 3.6 1.8
CS 39 26 23 17 | 5 10 12 27 CS

11.0 6.3 | 4.7 5.7 3.6 2.3
CS 37 8 | 5 11 12 30 CS
8.6 6.6 7.5 6.0 | 4.8 4.7 6.1 3.6 4.6
CS 35 19 18 14 | 4 12 18 19 31 CS
3.4 3.9 4.8 4.7 | 5.3 7.9 6.9 7.0 5.5
36 17 15 12 | 5 12 14 28 37 CS
2.9 4.6 5.7 6.0 6.7 5.3 | 5.3 5.5 3.6 2.4
42 28 23 17 14 7 | 5 13 28 40

		1359.60		
358	2.3			57.3
+25	1.4			58.2
+50	3.1			56.5
359	5.5			54.1
+50	7.6			52.0
360	11.7			47.9
T.P.	12.48			1347.12
+		1347.70	0.58	
+50.	2.7			45.0
+80	5.2			42.5
361	8.3			39.4
TP	12.29			1335.41
+		1341.99	6.58	
PT +39.32	7.8			34.2
362	10.0			32.0
+45	10.4			31.6
363	10.2			31.8
PC +05.4	10.3			31.7
+50	9.6			32.4
364	8.4			33.6
+50	5.6			36.4
BM	7.99			1334.00
365	1.6			40.4
TP	0.28			1341.71
+		1350.85	9.14	

15

L

52

8.9 8.6 8.2 8.2 6.0
CS 36 25 19 16 9
CS 9.0 7.2 6.8 5.8
30 21 16 13
8.8 6.8 5.7 6.0 5.3 4.6
42 33 24 19 15 8
3.8 4.6 3.8 3.8 4.8 6.0 5.0
34 27 21 16 7 3 2
3.2 4.0 3.5 3.6 4.2 6.1 5.0
33 31 27 19 13 7 5
5.9 5.2 6.0 5.0 4.7 5.0 5.9
40 28 25 19 13 7 2

L 2.4 2.4 6.0 5.0 4.6
40 21 17 12 6
1.4 2.0 6.8 5.5 4.9
L 37 19 12 8 3
2.2 4.0 7.0 5.4 4.8
CS 35 19 14 8 2

5.7 6.0 5.2 4.7
27 14 9 2
6.7 6.2 5.6 4.8
25 13 8 7

Top of Cul

6.6 6.3 5.4
31 9 4

3
6.6 6.1
L 2 2 3
6.4 6.2 5.7
23 6 3
6.7 5.9 6.2
L 20 5 3

On 9" Poplar N of Sta 364+50

L 9.3 7.4 7.7
26 8 7

R

5.0 4.5 4.0 2.7 3.6
3 5 13 16 32 CS
4.9 5.7 5.1 4.8 6.5 CS
7 11 12 15 35
5.4 6.6 5.6 7.2 CS
4 8 12 32
7.0
30 CS
5.2 6.1
34 41 CS
5.4 5.8
26 40 CS

6.1 3.2 4.5 5.8 CS
5 8 26 35
5.4 6.4 4.5 6.6
3 8 14 32 CS
5.9 6.8 5.6 7.9 8.7
7 8 9 18 35

5.2 6.0 6.6 L
2 6 30
5.4 6.5 6.4 L
3 7 23

4.9 5.5 5.9 L
2 8 12

4.8 5.3 5.7 5.0
3 11 14 30
3.8 4.4 4.9 3.9 2.3 1.6 CS
9 15 20 23 28 35
4.1 3.6 3.8 4.7 2.9 1.5
5 11 18 22 26 36 CS

4.6 5.8 5.8 1.8 0.2 CS
8 14 16 22 29

		1350.85		
+50	5.5			45.4
366	2.9			48.0
+25	3.0			47.9
TP	0.24			1350.61
+		1359.25	8.64	
PT+67.67	6.9			52.4
367	6.5			52.8
PC+50.68	3.8			55.5
368	2.7			56.6
+50	2.9			56.4
369	4.1			55.2
+50	5.4			53.9
PT+76.35	5.6			53.7
370	6.5			52.8
+55	7.1			52.2
371	9.7			49.6
+80	10.3			49.0
372	8.8			50.5
+35	5.1			54.2
TP BM	4.13			1355.12
+		1365.25	10.13	
373	7.4			57.9
+20	6.4			58.9
PC+38.16	6.5			58.8

52

		10.7	8.1	9.4	5.9		4.4	5.7	5.6	1.8	8.2	
CS		30	13	12	5		4	11	17	18	26	CS
		10.9	7.9	8.4	5.1		5.0	5.4	2.6	2.3		
	CS	32	14	13	5		5	13	18	30		CS
			8.9	7.4	5.7		4.9	5.4	4.6			
	CS		29	17	4		6	16	31			CS
		8.0	6.6	5.5	6.2	5.6	5.2	6.0	7.0	5.7	6.6	
CS		35	24	11	10	6	6	13	17	20	36	
		8.6	6.7	5.7	6.0	5.6	4.9	5.3	6.4	5.3	4.9	
	CS	38	28	11	10	7	6	12	18	20	37	
		8.8	7.1	5.4	6.7	5.5	4.8	5.3	6.2	5.2	4.8	
	CS	37	26	10	8	3	5	15	23	23	36	
			7.3	5.1	6.2		4.2	4.0	4.7	5.4	4.4	4.7
	CS		28	6	5		5	11	18	23	26	34
			7.6	5.1	6.8		4.4	5.0	6.6	5.2	6.6	
	CS		29	3	6		9	13	25	27	44	
		6.4		5.5	6.6	5.5	4.8	5.8	7.0	5.9	6.6	
	CS	30		13	11	5	7	15	21	22	37	
		6.7		5.7	6.6	6.5	4.7	5.5	6.3	5.6	6.0	
	CS	28		11	10	4	5	13	19	20	30	
		6.4	5.7	6.2	5.5		4.9	5.5	6.3	5.4	6.2	
		28	14	12	5		3	10	15	17	38	
		6.6	5.9	7.0	5.8		5.6	6.8	5.5	6.4		
		36	14	13	6		7	14	15	32		
		4.8	5.3	6.3	5.5		5.6	6.4	5.8	6.0		
		32	15	14	10		7	11	12	28		CS
		5.7	6.0	5.2	4.6		5.6	6.7	L			
		23	17	11	5		7	22				
		4.7	5.2	6.5	5.7		5.7	6.7	6.0	6.0	L	
		26	18	16	13		5	7	8	26		
				5.5	5.4		5.4	6.4	5.4	6.0		
				37	13		6	11	14	32		CS

Old B M on Poplar Stump

	3.9	4.1	5.8	5.2	4.8	6.6	7.6	6.1	7.5	
	34	21	18	15	5	9	12	14	30	CS
	4.4	4.8	6.0	5.6	5.0	5.6	7.7	5.9	7.5	
	31	21	18	15	4	5	13	15	31	CS

		1365.25		
374	7.2			58.1
+50	7.4			57.9
375	6.7			58.6
+50	6.1			59.2
BM	3.26			1361.99
376	5.5			59.8
+50	5.4			59.9
377	2.3			63.0
PT+13.57	1.0			64.3
TP	0.44			1364.81
+		1376.20	11.39	
+45	10.2			66.0
378	7.2			69.0
+30	6.5			69.7
+64	7.1			69.1
379	5.3			70.9
+40	3.6			72.6
380	2.2			74.0
TP	0.44			1375.76
+		1385.90	10.14	
+80	5.4			80.5
381	5.0			80.9
+65	4.9			81.0

11-28-27 Party { R.A. Dahms Engr.
A.R. Taubman Asst. Engr. (Level) 17
F French Rod

5.2

6.4 5.8 6.7 5.8 5.5 5.9 5.2 4.8
30 18 16 9 8 17 16 32

7.2 6.1 6.6 6.5 5.8 4.8 5.0 5.7 4.7 4.2 CS
CS 29 15 13 8 6 4 11 18 20 30

7.9 6.4 6.9 5.7 4.8 5.0 6.3 4.3 3.9
CS 23 12 10 4 3 16 20 22 34 CS

7.2 6.1 7.0 4.5 4.8 5.7 4.2 3.8
CS 29 10 8 5.2 5 14 18 25 3.4

On 8" Poplar S of Sta 375

6.9 6.4 7.1 5.0 6.0 6.1 5.8 5.2 CS
CS 30 11 10 5.5 4 12 17 18 33

6.9 6.3 5.8 5.2 5.6 5.7 4.9 4.6 CS
CS 36 10 5 5.4 3 16 16 17 29

2.9 2.5 4.3 2.1 2.9 3.7 2.0 1.4
CS 33 16 15 8 2.3 9 14 16 28 CS

5.2 5.4 7.0 5.6 5.8 6.8 5.7 5.7
34 17 15 7 5.2 9 16 17 29

4.8 5.1 6.5 5.9 5.4 5.8 7.0 5.8 6.7
L 28 17 13 13 9 8 14 17 32 CS

4.4 5.0 6.2 5.8 5.7 6.9 7.2 5.7 7.2
33 17 14 12 7 8 14 15 29 CS

3.9 4.6 5.2 5.1 6.1 6.8 7.3 8.4
CS 32 17 15 8 6 9 21 31 L

3.9 4.2 5.7 5.0 6.2 7.9 7.4 9.8
L 34 17 15 10 5 17 13 27 L

5.0 5.2 6.9 5.6 5.0 5.7 7.3 6.0 7.4
L 32 17 15 9 2 4 11 12 28 CS

4.4 4.3 5.3 5.1 5.8 6.7 6.2 6.4
29 16 14 9 6 11 13 31 CS

6.3 5.7 7.1 5.8 5.8 7.0 6.1 7.0
32 15 13 8 6 12 13 33 CS

6.0 6.1 6.9 5.7 5.7 6.6 5.6 5.9
CS 33 15 14 7 6 12 13 31 CS

4.6 5.6 6.3 5.8 5.5 5.6 4.7 3.6
L 29 17 16 11 8 11 13 30 CS

		1385.90		
382	2.2			83.7
+30	1.7			84.2
+55	3.2			82.7
383	6.9			79.0
+40	8.4			77.5
+80	6.5			77.4
384	7.6			78.3
PC+10.2	7.3			78.6
TP	12.42			1373.48
+		1377.34	3.86	
+50	1.0			76.3
385	4.6			72.7
+25	6.3			71.0
+75	6.5			70.8
386	7.3			70.0
+60	10.3			67.0
TP	12.32			1365.02
+		1369.92	4.90	
387	5.2			64.7
+40	7.0			62.9
+40	7.4			62.5
388	5.7			64.2
PT+16.45	6.2			63.7
+50	7.4			62.5

5.2

6.5 6.7 7.0 5.8 | 5.7 6.3 5.2 5.9
33 17 16 8 | 6 11 12 28 CS

L 5.5 6.0 7.2 5.6 | 6.0 6.9 5.7 6.5
37 16 14 7 | 7 11 12 34 CS

L 4.5 5.2 6.2 5.6 | 5.9 7.2 5.8 6.7
36 16 14 8 | 7 12 13 31 L

CS 3.5 5.0 6.2 5.5 | 5.6 7.0 6.3 5.8
34 17 14 9 | 4 12 13 31 CS

CS 6.8 6.2 6.8 5.7 | 5.6 6.2 5.8 5.0
34 17 16 9 | 3 12 14 29 CS

CS 7.4 7.1 7.7 6.4 | 5.2 6.0 4.9 4.4
33 17 16 10 | 7 12 14 28 CS

CS 9.8 8.5 6.9 7.7 6.1 | 5.1 6.8 4.8 5.0
36 29 18 17 11 | 6 10 13 29

CS 10.0 6.8 7.5 5.7 | 5.0 7.1 6.5 5.1 5.0
35 18 17 10 | 6 9 10 13 25 CS

CS 9.6 7.0 7.8 6.7 5.6 | 5.1 6.4 4.3 3.4 3.4
33 19 18 15 8 | 6 9 12 26 34

CS 9.8 8.0 8.7 7.6 5.6 | 5.2 5.5 3.2 2.1 1.5
31 19 18 14 7 | 6 8 11 16 25 CS

L 8.4 8.0 5.8 | 5.3 6.3 4.1 2.6 0.7
32 16 8 | 5 8 11 24 33 CS

CS 7.0 5.5 6.7 5.2 | 5.8 7.3 5.6 5.4
29 17 15 8 | 9 13 16 28 CS

CS 7.7 6.8 7.7 6.8 5.7 | 5.4 6.0 6.7 4.8 4.0
29 16 14 12 7 | 9 14 15 18 31 CS

CS 11.4 8.6 8.8 6.9 | 4.7 5.2 5.7 4.1 3.2
28 16 13 7 | 5 14 16 17 30 CS

C.S. 10.0 7.5 8.0 5.5 | 5.4 6.0 4.6 3.3
26 12 11 4 | 12 15 17 28 CS

Top of Road at Cul

CS 11.4 8.7 8.6 7.0 | 4.8 6.0 3.7 2.1
24 12 10 7 | 10 14 16 28 CS

CS 12.6 9.4 9.0 7.5 | 4.6 4.2 1.6 0.4 −1.6
25 14 10 8 | 11 13 16 22 31 CS

CS 9.5 7.3 7.4 6.3 | 4.0 4.1 2.2 0.2
26 12 10 7 | 12 15 18 28 CS

		1369.92		
389	5.1			64.8
+45	6.6			63.3
+80	9.8			60.1
390	10.1			59.8
+40	7.4			62.5
+83.2	3.4			66.5
391	2.2			67.7
TP	0.89			1369.03
+		1377.67	8.64	
+55	8.1			69.6
+85	8.7			69.0
392	7.9			69.8
+30	7.2			70.5
+75	7.7			70.0
393	6.3			71.4
+35	4.5			73.2
+80	4.3			73.4
394	2.7			75.0
PC +01.34	2.7			75.0
+25	1.6			76.1
TPBM	1.01			1376.66
+		1384.91	8.25	
+50	8.5			76.4
395	3.9			81.0

5.2

CS 8.0 6.7 7.2 5.1 5.5 6.3 5.3 5.5 CS
27 15 13 5 9 13 16 28

CS 4.4 4.9 5.5 5.3 5.8 7.1 5.6 5.2 ✓
36 17 15 11 5 12 13 27

CS 5.8 6.0 6.6 6.2 5.7 6.3 6.5 5.9 4.9
36 19 18 15 4 6 9 10 28

7.2 7.2 6.8 6.0 6.6 6.2 6.8 4.9 3.4 2.5
34 21 17 15 3 5 7 12 20 33

8.2 7.3 8.7 7.1 5.6 4.8 5.2 4.3 3.2 ✓
42 28 26 22 16 9 2 5 33

4.5 5.5 4.4 3.9 4.9 6.1 5.1 6.7 6.4
40 39 33 23 13 8 6 15 31

CS 3.0 3.2 4.2 6.9 6.1 ✓
33 26 6 17 33

1.2 1.6 2.9 6.8 6.8 ✓
32 24 14 12 28

✓ 2.8 3.8 7.3 7.8 ✓
29 15 16 31

CS 4.3 4.7 6.7 8.0 ✓
29 17 17 31

✓ 2.9 3.7 5.8 6.6 ✓
27 15 17 31

CS 3.4 3.9 6.0 7.2 CS
28 14 17 31

3.7 6.1 7.8 CS
31 21 33

CS 3.3 4.0 6.1 6.6 CS
33 19 27 29

CS 4.4 4.5 6.2 8.2 CS
30 16 15 27

16
CS 5.0 4.7 7.6 9.4 CS
32 17 17 27

On 6" Poplar NW of 394

CS 2.0 3.8 7.1 9.9 CS
30 12 18 31

CS 4.0 4.6 7.5 10.4 CS
31 15 13 25

		1384.91		
+25	4.3			80.6
TP	11.91			1373.00
+		1378.26	5.26	
396	4.7			73.6
+50	5.7			72.6
397	7.4			70.9
+50	7.5			70.8
398	4.0			74.3
TP	1.77			1376.49
+		1388.58	12.09	
PT+61.34	9.2			79.4
+70	7.1			81.5
399	3.4			85.2
PC+25.9	3.2			85.4
+60	6.5			82.1
400	4.7			83.9
+50	1.8			86.8
+75	3.7			84.9
401	1.3			87.3
TP	1.15			1387.43
+		1397.63	10.20	
+40	8.5			89.1
+75	5.2			92.41
402	4.9			92.7

H.I.=5.2

CS 0.8/32 2.5/13 | 9.0/20 CS

CS 0.0/23 2.0/14 3.6/9 | 5.2/13 4.1/27 3.5/37

CS 0.6/26 3.0/15 | 6.5/13 6.7/27 CS

CS 0.2/19 1.6/12 | 7.7/12 4.1/20 CS

CS 0.7/23 2.7/12 | 5.3/13 6.2/27

CS 2.3/30 4.6/18 | 5.4/18 6.0/30 CS

CS 2.2/35 4.2/24 4.6/11 | 6.4/16 7.6/27 CS

CS 3.2/34 5.2/22 | 6.4/16 7.2/26 CS

CS 4.2/32 5.9/22 | 5.0/22 6.5/34 CS

CS 4.6/32 5.6/21 | 5.9/12 5.3/23 6.7/36 CS

CS 2.0/26 | 6.3/16 7.0/30

L 2.7/33 3.0/22 | 5.2/20 4.8/34

5.2/35 4.7/20 | 6.8/19 6.8/31

CS 3.1/28 4.2/20 | 8.2/33 CS

2.9/31 4.2/10 | 8.1/33

L 0.7/33 1.5/22 3.8/8 | 6.8/18 7.0/33

3.9/29 4.0/12 | 8.9/19 9.2/38

5.3/29 | 5.9/14 8.6/26 CS

		1397.63		
Old BM	4.76			1392.87
BM	0.91			1396.72
+50	6.5			91.1
403	8.1			89.5
TP	12.06			1385.57
+		1389.15	3.58	
+65	9.1			80.1
PT+79.65	9.2			80.0
404	8.5			80.7
+25	7.3			81.9
+50	8.3			80.9
+80	4.7			84.5
405	4.6			84.6
+60	5.6			83.6
406	6.2			83.0
+30	5.9			83.3
+60	2.9			86.3
TP	1.56			1387.57
+		1397.12	9.55	
407	6.5			90.6
+46	3.4			93.7
+70	3.1			94.0
408	5.1			92.0

H I = 8.52

Notch in Pine Stub

8" Poplar N of Sta 401+75

6.2 6.2 4.7 6.8 CS
32 14 16 34
5.8 5.2 5.3 6.7 CS
35 16 12 27

5.2 5.5
27 30

6.8 6.2
CS 23 22 L
6.9 6.8
CS 29 27
6.7 5.0
CS 29 30 CS
8.0 6.1 4.9 5.3 CS
CS 34 15 24 35
7.0 5.2
CS 30 24
5.0 4.1
33 26
2.3 6.1
31 25
0.3 1.5 6.1
CS 25 16 26
0.6 2.1 7.5 8.3 8.8
CS 28 13 9 22 38

4.7 4.6 5.6 CS
26 12 27
7.0 4.8 5.7
CS 27 24 36
7.0 4.9 6.3
CS 30 16 33
6.9 5.0 6.8
L 18 14 31

		1397.12			
+25	7.3			89.8	
+70	7.9			89.2	
409	5.5			91.6	
+45	4.4			92.7	
PI 96.8	7.3			89.8	
410	7.2			89.7	
TP	8.35			1388.77	
+		1395.57	6.80		
411	7.5			88.1	
412	7.5			88.1	
+35	5.2			90.4	
413	7.0			88.6	
414	7.8			87.8	
+50	10.7			84.9	
TP	11.53			1384.04	
+		1384.83	0.79		
415	3.9			80.9	
BM	2.80			1382.03	
+30	8.5			76.3	
+65	9.4			75.4	
PI+82.22	10.8			74.0	
416+20	11.0			73.8	
Old BM	−0.66			1385.49	

11-30-27

#1 = 5.2

22

4.9 29 | 5.5 24

4.7 22 CS | 4.2 23 CS

6.1 32 | 6.7 17 | 4.5 22 L

7.4 29 CSS | 6.0 12 | 5.4 20 | 6.2 33

L | 3.8 21 | 3.7 39

Top of PI. #416

5.5 20 CS | 5.0 23 CS

4.3 27 CS | 5.3 25 | 6.1 35

5.4 29 | 5.4 24

3.8 29 CS | 5.6 32 L

3.1 32 L | 4.4 15 | 5.1 20 | 4.9 33

4.2 27 CS | 6.0 16 | 7.9 33 CS

3.5 28 CS | 6.0 12 | 7.3 31 CS

On 7" Popla - NW/o + Sta 415

4.1 30 | 4.9 11 | 5.3 13 | 4.5 28

6.1 25 CS | 5.1 18 | 6.0 32

6.4 25 CS | 6.4 22 | 8.2 35

Spike in Root of Popla - Stump

		1384.83		
TP	12.42			1372.41
+		1372.68	0.27	
+45	2.6			70.1
+67	3.8			68.9
417	8.9			63.8
+30	11.1			61.6
TP	12.24			1361.44
+		1360.94	0.50	
+75	2.6			58.3
418	6.4			54.5
TP	12.25			1348.69
+		1351.98	3.29	
+45	7.8			44.2
419	7.5			44.5
+40	5.1			46.9
+75	4.7			47.3
420	4.5			47.5
+60	3.3			48.7
421	2.0			50.0
TP	1.90			1350.08
+		1361.58	11.50	
+35	8.9			52.7
PC+	7.0			54.6

HI = 52

4.5 4.1 6.8
CS 36 27 23 CS
4.2 3.7 6.9 8.9
CS 37 21 13 29 CS
0.6 1.0 3.4 9.2
CS 29 24 13 26 CS
1.5 3.4 7.3 9.3 7.4
CS 30 17 13 23 28 CS

6.1 4.7 4.4 10.0
CS 27 12 7 27 CS
CS 9.9 6.7 6.2 8.1
28 16 5 31 CS

10.0 9.8 1.6 0.8 1.5
L 30.3 18 15 24 33 CS
6.8 7.9 7.6 3.5 4.0 7.2
37 24 13 11 25 34 CS
6.9 6.5 7.1 6.8 10.4
CS 37 29 21 14 27 CS
1.5 2.9 8.2 12.7
CS 27 17 15 27 CS
0.7 1.7 8.0 11.8
CS 29 21 12 22 CS
0.7 10.2 12.8
CS 23 17 24 CS
5.7 9.0 12.6
CS 20 16 27 CS

0.7 1.5 8.9 11.7
CS 31 20 14 23 CS

		1361.58		
422	7.1			54.5
P.I. + 32	5.2			56.4
P.T.+	4.7			56.9
P.C.+ 89.92	4.4			57.2
423	5.2			56.4
+ 40	5.8			55.8
424	4.5			57.1
+ 40	4.6			57.0
425	6.2			55.4
+50	10.3			51.3
Old BM	7.60			1353.98
426	10.4			51.2
TP	11.56			1350.02
+		1350.90	0.88	
+ 25	1.0			49.9
BM	1.91			1348.99
PT + 48.25	3.9			47.0
427	6.6			44.3
+ 30	7.7			43.2
+ 55	10.9			40.0
TP	12.06			1338.84
+		1340.38	1.54	
+ 90	8.7			31.7
428	8.9			31.5

HI = 6.2

1.4/33 1.5/21 | 10.3/28 CS

CS 0.6/34 1.1/24 3.1/10 | 6.9/12 10.6/28 CS

L 0.8/29 1.0/25 | 7.2/10 8.3/20 11.2/31 CS

CS 2.1/23 3.9/10 | 10.5/26 12.3/33 CS

CS 0.9/31 1.5/21 | 9.0/19 CS

CS 1.3/32 2.7/24 2.5/13 | 8.7/25 10.4/33 CS

CS 0.6/29 2.3/19 | 7.2/12 8.1/24 9.9/34 CS

CS 2.4/34 3.6/21 | 7.4/14 10.0/28 CS

L 4.2/31 4.0/12 | 8.2/15 11.6/29 CS

1.0/27 3.9/7 | 7.2/12 9.0/28 CS

Spike in Poplar Stump

4.4/36 4.9/25 5.6/16 | 5.6/8 7.0/19 10.0/34 CS

CS 6.1/38 5.9/26 6.4/13 | 5.4/9 7.6/25 9.2/34 CS

On 7" Birch N of Sta 426

CS 4.6/29 6.7/14 | 4.7/5 5.7/25 6.8/35 CS

CS 2.8/26 | 4.4/25 5.4/37 CS

CS 0.4/26 3.1/16 | 8.2/23 8.2/32

CS 0.2/20 1.5/13 | 7.6/21 11.0/35

CS 3.5/31 4.1/23 5.2/17 | 5.6/20 L

L | L

		1340.38			Soundings
429	10.6			29.8	
+90	11.5			28.9	
430	12.2			28.2	
Creek Bottom	13.5			1326.88	
+30	11.9			28.5	10.5'
431	10.8			29.6	
+35	8.8			31.6	
+50	7.4			33.0	
+65	4.3			36.1	
TP	0.51			1339.87	
+		1351.54	11.67		
+80	11.8			39.7	
432	8.9			42.6	
+35	4.3			47.2	
Old BM	6.03			1345.51	
TP	0.77			1350.77	
+		1362.55	11.78		
+80	6.0			56.6	
433	3.1			59.5	
TP	0.80			1361.75	
+		1372.09	10.34		
+30	8.2			63.9	
+75	7.5			64.6	

H.I. = 5.2

L 5.0/15 4.0/20 L

L 5.7/14 L

L 5.0/28 4.4/10 4.4/26

L 4.7/21 L

L 4.9/14 L

L 5.6/20 4.7/21 5.7/30

L 7.3/23 3.1/10 2.0/21 1.9/29

17.4/36 11.6/26 2.2/12 0.8/22 1.5/35 CS

14.5/44 13.6/35 5.2 1.8/16 1.8/26 3.3/37 CS

CS 15.5/43 2.1/11 0.6/21 0.8/31 2.1/40 CS

Nail in Root of Birch Stump

CS 15.0/37 0.7/18 -1.5/36 -0.5/47 CS

CS 13.9/35 1.5/19 1.5/38

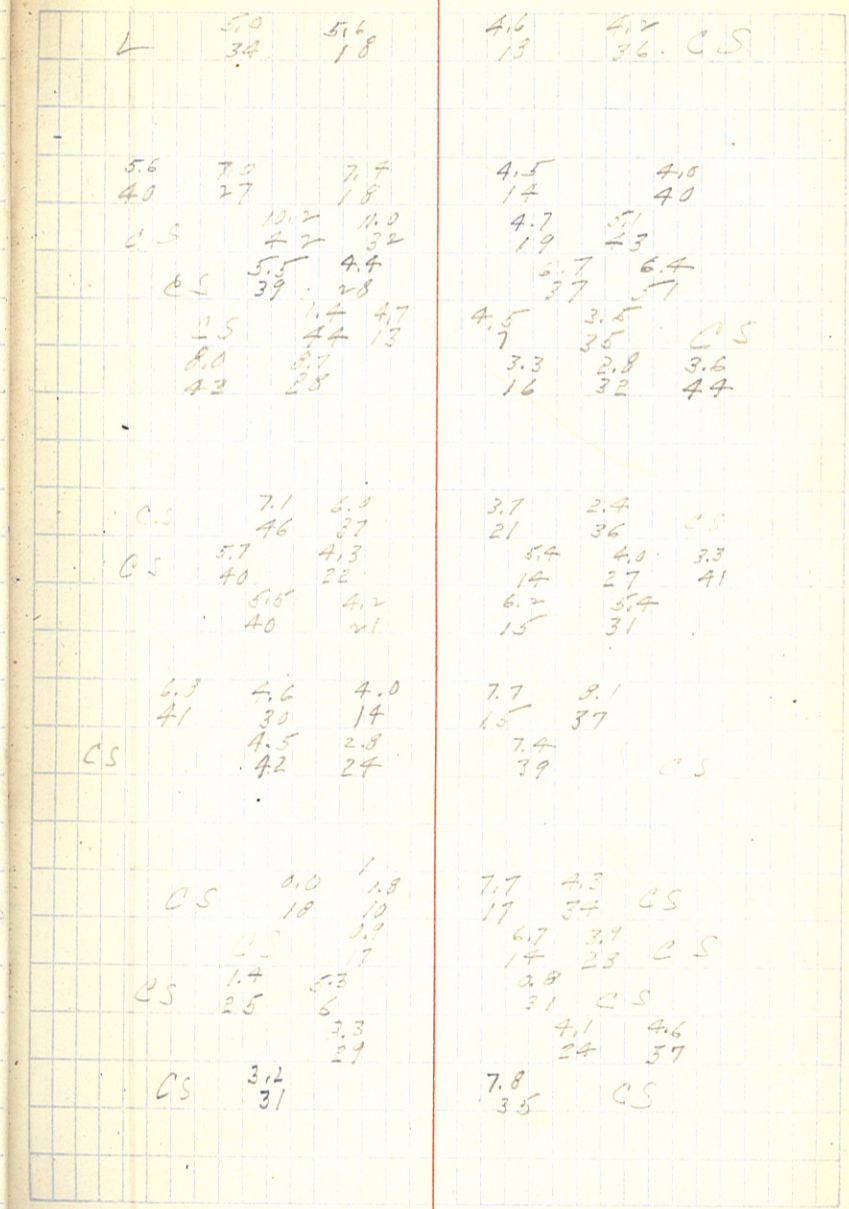
6.9

CS 14.7/36 6.9/9 3.6/9 3.6/24 4.3/37 L

CS 7.5/39 5.2/21 5.0/28 4.8/39 CS

		1372.09		
434	0.2			71.9
TP	0.02			1372.07
+		1383.85	11.78	
+35	3.8			80.1
+70	0.7			83.2
435	1.3			82.6
+35	8.0			75.9
+55	4.3			79.6
TP	1.31			1382.54
+		1388.94	6.40	
+80	5.2			83.7
436	4.0			84.9
+40	2.8			1386.1
+80	3.7			85.7
437	2.4			86.5
+20	3.2			85.7
TP	11.04			1377.90
+		1382.57	4.67	
+65	9.1			73.5
438	14.5			68.1
+20	12.3			70.3
PC+40.88	6.7			75.9
+55	4.6			78.8

HC 5.7

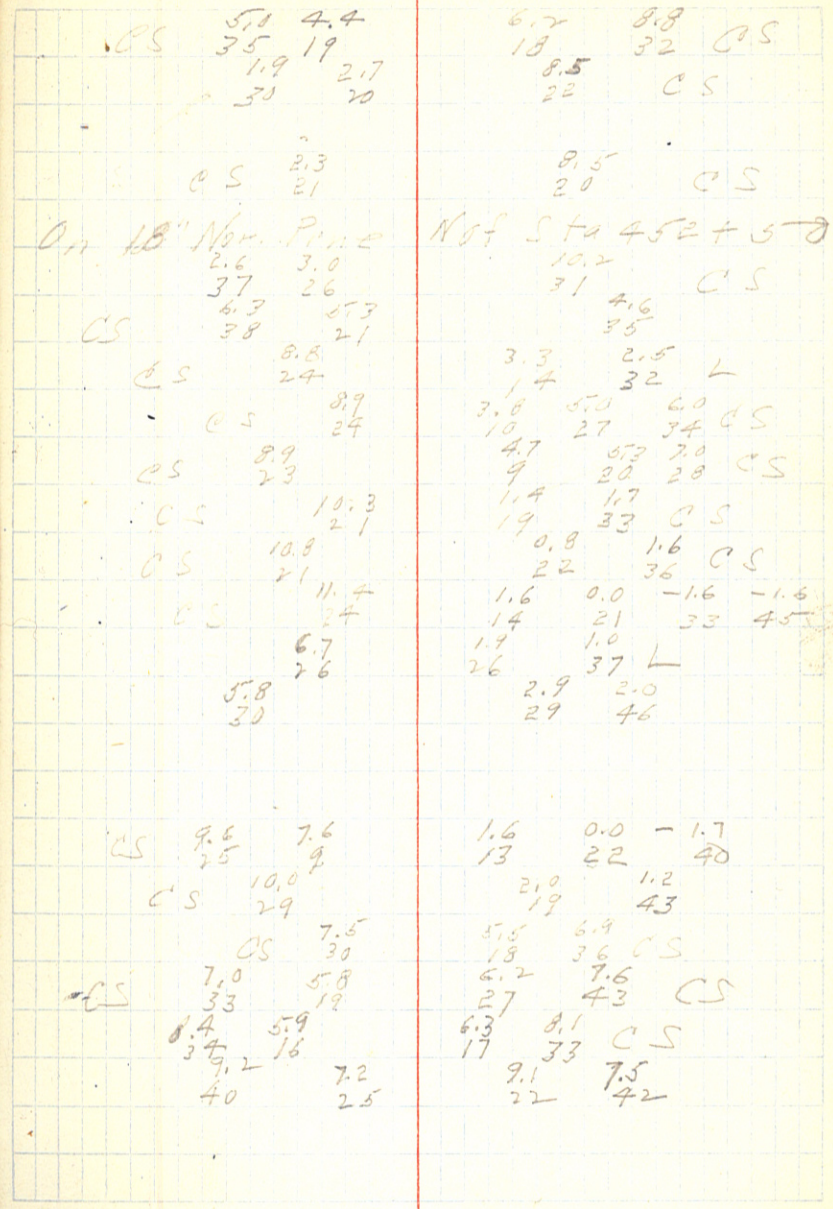


439	9.7	1382.57		72.9
BM	2.02			1380.55
+25	10.8			71.8
+75	4.6			78.0
440	4.3			78.3
+50	4.2			78.4
441	7.3			75.3
+30	9.7			72.9
TP	10.84			1371.73
+		1372.42	0.69	
442	8.2			64.2
PT+10.	8.2			64.2
+50	10.6			61.8
TP	12.33			1360.09
+		1361.16	1.07	
+80	3.1			58.1
443	6.0			55.2
+45	12.4			48.8
+70	8.6			52.6
+87	8.7			52.5
444	10.6			50.6
TP Old BM	6.87			1354.29
+		1354.59	0.30	

CS	0.1 / 18	1.5 / 12	11.6 / 23			CS
On 5" Poplar N of Sta 438+55						
L	−2.1 / 32	0.7 / 14	10.6 / 22			CS
CS	6.9 / 32	6.0 / 17	6.9 / 17	10.2 / 32		CS
CS	5.8 / 32	6.0 / 12	6.0 / 28			CS
CS	6.9 / 37	5.9 / 26	4.4 / 23	4.0 / 36		
CS	8.3 / 35	7.2 / 21	4.1 / 27			CS
CS	8.4 / 37	7.0 / 25	4.9 / 27			L
CS	6.3 / 39	4.9 / 25	3.5 / 21			CS
CS	6.0 / 32	4.6 / 11	5.5 / 12	4.7 / 21	4.3 / 33	CS
CS	9.0 / 37	6.4 / 21	5.4 / 12	6.2 / 32		CS
CS	10.2 / 37	7.2 / 20	6.0 / 28			CS
CS	9.4 / 33	8.0 / 23	5.2 / 28			
CS	8.7 / 36	6.8 / 25	3.4 / 19			CS
CS	8.4 / 24		2.4 / 24			CS
CS		10.4 / 28	2.0 / 25			CS
CS	10.0 / 28	6.0 / 8	2.0 / 16	0.9 / 26		CS
White Pine Stump S of Sta 445						

		1354.67		
PC+16.72	5.9			48.7
+55	10.9			43.7
445	11.1			43.5
+55	10.6			44.1
446	12.8			41.9
+65	9.1			45.5
447	7.6			47.0
+50	6.5			48.1
448	3.4			51.2
TP	2.58			1352.01
+		1361.21	9.20	
PT+29.85	8.9			52.3
PC+50.6	9.0			52.2
+75	10.5			60.7
449	9.2			52.0
PI+69.7	3.0			58.2
450	1.4			59.8
TP	1.77			1359.44
+		1364.06	4.62	
PT+87.54	6.4			57.7
450+55	6.3			57.8
451	6.7			57.4
+25	5.3			58.8

		1364.06		
+50	4.7			59.4
+85	6.6			57.5
PC+91.75	6.5			57.6
452	6.3			57.8
BM(OLA)	11.63			1352.43
+25	5.2			58.9
+56	8.3			55.8
+80	11.1			53.0
453	12.4			51.7
+20	11.4			52.7
+60	10.5			53.6
+70	9.0			55.1
454	7.7			56.4
+25	4.4			59.7
P.I.+35	1.5			62.6
TP	1.38			1362.68
+		1369.92	7.24	
455	14.3			55.6
+45	11.3			58.6
456	4.0			65.9
+55	5.0			64.9
+80	3.0			66.9
457	3.5			66.4



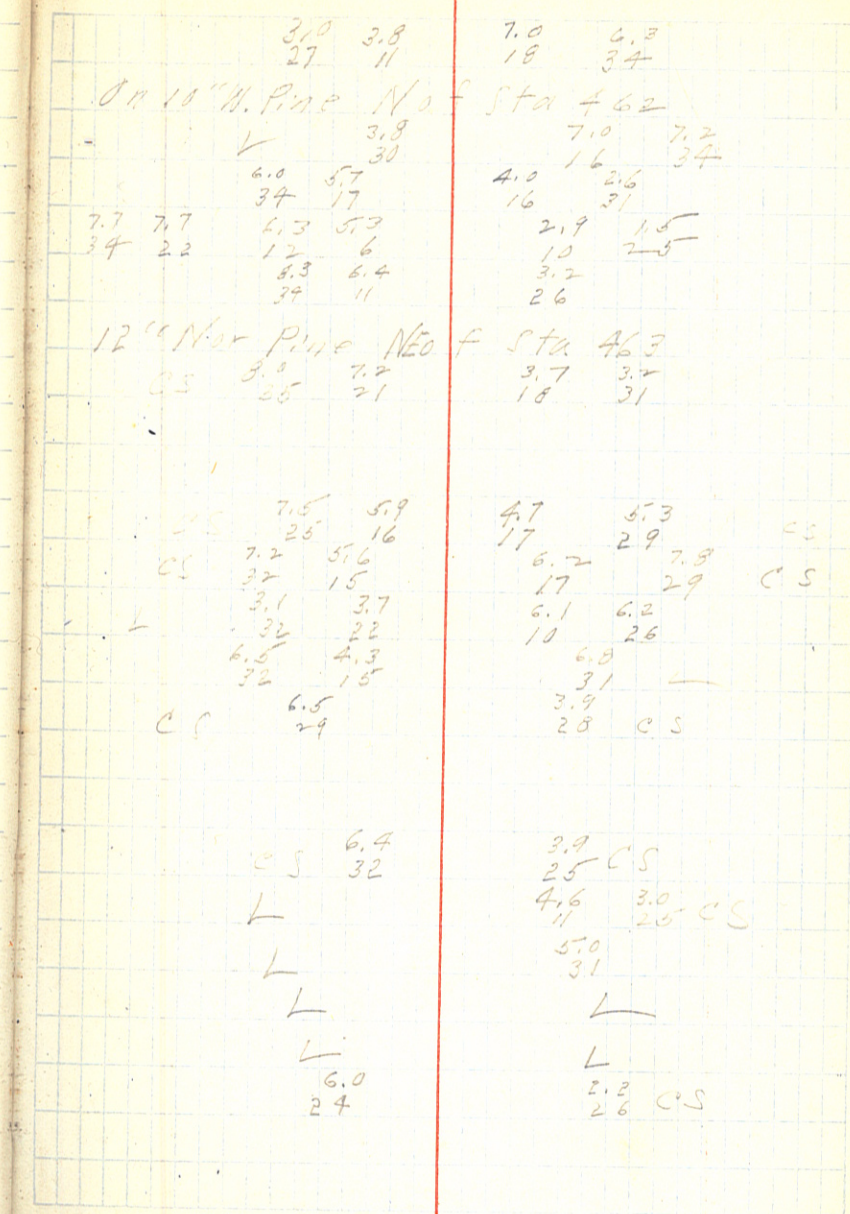
		1369.92		
PT+16.75	3.5			66.4
+55	5.5			64.4
+75	6.2			63.7
458	8.9			61.0
+20	7.6			62.3
+40	7.7			62.2
TP	7.64			1362.28
+		1366.48	4.20	
PC+57.2	3.5			63.0
+85	1.9			64.6
459	3.8			62.7
+35	5.7			60.8
+75	4.6			61.9
460	7.0			59.5
+20	8.9			57.6
+60	5.8			60.7
+85	9.0			57.5
461	12.5			54.0
T.P.	12.42			1354.06
+		1355.38	1.32	
+30	4.6			50.8
+55	8.1			47.3
TP	12.08			1343.30
+		1348.79	5.49	

CS 9.0/36 7.2/24 | 5.6/31 5.6/37
CS 8.0/33 5.3/12 | 6.7/28 7.0/40
10.1/37 8.7/24 | 5.0/12 6.2/32 CS
8.8/31 6.7/16 | 4.1/17 4.3/33 CS
10.0/36 7.0/25 | 5.3/35

CS 13.2/30 6.8/18 | 4.1/17 4.2/34
CS 12.3/36 11.0/31 8.1/14 | 4.9/19 6.0/33 CS
CS 10.4/38 7.2/21 | 3.2/13 4.2/32
CS 8.0/38 6.0/23 | 4.7/23 5.2/35
CS 6.6/35 5.3/16 | 6.2/21 6.2/32
CS 5.5/33 4.8/18 | 5.3/16 4.6/33
CS 8.6/26 | 3.2/15 1.9/33
CS 9.5/36 7.6/22 | 4.5/21 4.6/35
CS 9.0/36 6.5/23 | 6.4/11 5.4/30 CS
4.6/29 4.3/13 | 7.1/23 6.4/33 CS

CS 7.0/31 5.6/14 | 5.6/18 3.2/23
CS 5.9/35 5.2/21 | 2.1/30 CS

		1348.79		
462	6.4			42.4
Old BM	5.50			1342.29
+25	8.6			40.2
PT+59.15	11.5			37.3
463	10.1			38.7
+35	5.9			42.9
BM	6.27			1342.52
+70	3.0			45.8
TP	0.45			1348.34
+		1358.89	10.55	
464	8.1			50.8
+45	2.2			56.7
465	4.7			54.2
+35	4.3			54.6
466	10.5			48.4
TP	12.47			1346.42
+		13 51.97	5.55	
+45	6.8			45.2
467	11.4			40.6
468	11.6			40.4
PC+68.7	11.5			40.5
469	11.6			40.4
+42	11.0			41.0



		1357.97		
R.I. +87.5	4.9			47.1
470	3.5			48.5
+30	2.9			49.1
+90	6.1			45.9
471	6.0			46.0
PT +96.2	6.1			45.9
+12	5.7			46.3
+29	5.3			46.7
+45	5.2			46.8
+70	5.6			46.4
472	6.6			46.4
+35	9.1			42.9
TP	12.37			1339.60
+		1340.78	1.18	
+85	1.9			38.9
473	3.8			37.0
BM	2.31			1338.47
+40	11.4			29.4
474	12.5			28.3
PC +24.34	12.2			28.6
FP	10.59			1330.20
+		1339.92	9.72	
475	12.3			27.6

CS 6.5 2.8 6.4 3.3 0.9 3.0 6.9 2.2 8.1 3.3 8.0 1.9 6.7 1.1 8.1 3.8 8.5 2.6 6.5 3.7 6.7 1.9 17.4 3.6 9.0 2.7 6.3 3.0 5.6 2.2 5.7 3.1 3.6 2.2 4.5 1.2 CS

3.2 2.9 CS 4.2 1.9 3.0 3.1 2.4 1.3 0.8 2.8 CS 2.8 1.6 1.7 2.7 3.2 2.2 3.9 3.4 3.7 9 2.4 2.9 3.8 9 3.1 2.9 5.4 1.2 6.0 2.3 CS 6.3 1.8 7.6 3.0

3.6 2.8 6.3 1.3 8.9 3.0 CS 5.2 2.7 6.1 1.4 8.3 2.5 CS

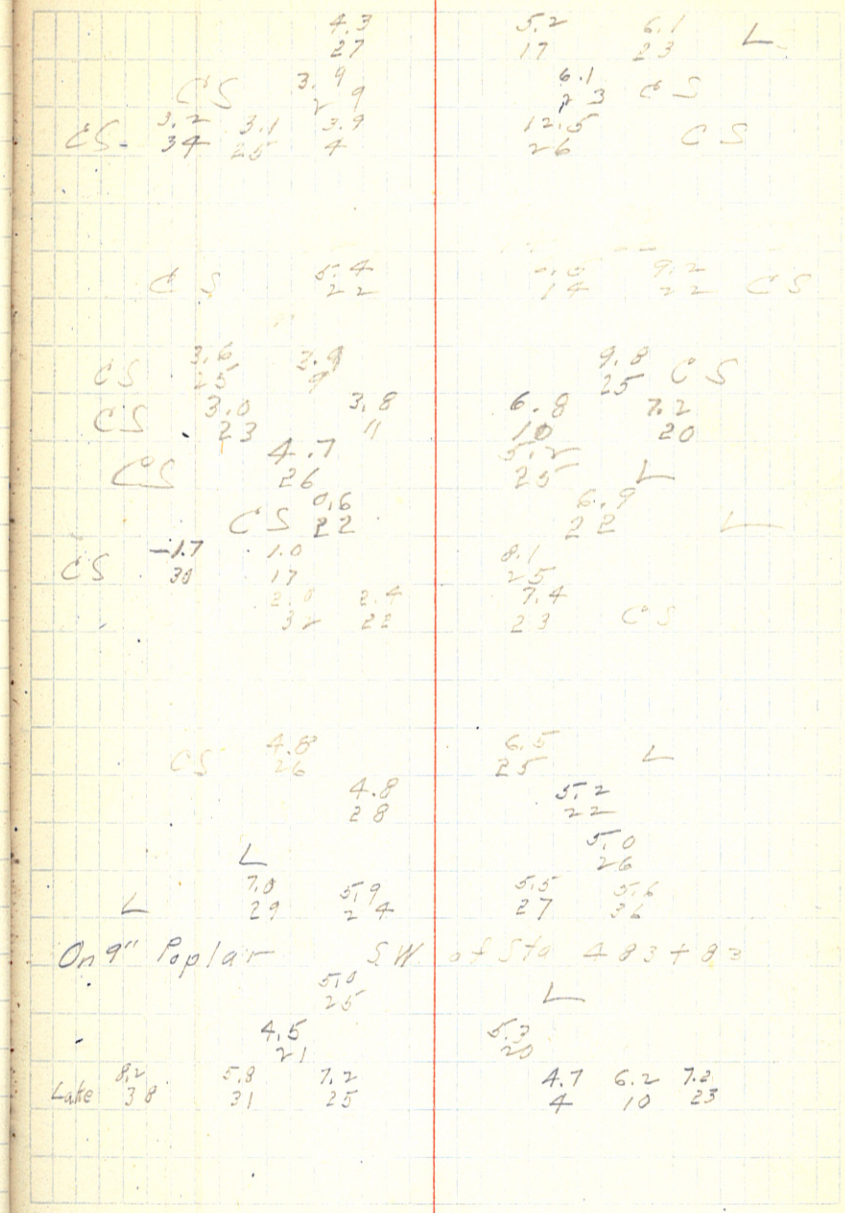
On 12" Birch N of Sta 473

2.4 3.6 3.2 1.7 6.9 2.7 3.7 2.8 6.7 2.6 6.9 3.2 CS 4.0 2.8 5.4 1.7 6.2 2.8 CS

Nail in side of Tree

6.8 2.6 4.0 5.6 .7 6.6 1.7 CS

		1339.92		
476	12.9			27.0
+40	12.3			27.6
477	2.1			37.8
TP	2.08			1337.84
+		1340.64	2.80	
+30	3.0			37.6
478	8.5			32.1
+20	11.7			28.9
479	14.5			26.1
PT+84.34	13.7			27.4
480+45	12.4			28.2
+75	11.9			28.7
TP	11.74			1328.90
+		1333.13	4.23	
481	6.0			27.1
482	7.4			25.7
483	6.9			26.2
+43	4.9			28.2
BM	5.49			1327.64
484	6.6			26.5
485	7.3			25.8
+60	6.6			26.5



		1333.13		
486	7.8			25.3
+41	9.8			23.3
TP	6.85			1326.28
+		1333.05	6.77	
	9.8			1323.3
PC+57.16	10.2			22.9
487	11.7			21.4
+50	12.2			20.9
488	10.9			22.2
+25	8.2			24.9
489	4.4			28.7
490	3.2			29.9
+55	3.7			29.4
TP	1.28			1331.77
+		1343.35	11.58	
+85	9.7			33.7
491	10.5			32.9
+40	11.9			31.5
PT+59.78	8.6			34.8
492+85	2.1			41.3
493	1.8			41.6
+20	3.2			40.2
+55	9.8			33.6
494	12.3			31.1

Lake Shore → 7.1/28 6.0/14 4.2/12 6.5/22
4.3/21 5.2/35

→ Lake Level

4.5/20 5.8/20
3.9/12 3.0/29
6.7/8 4.7/17 1.7/34 L
Lake Shore 10.2/32 8.0/73 5.0/23 3.4/31 L
7.9/34 6.0/25 6.2/13 5.7/15 6.0/30
5.4/32 5.2/22 2.4/16 0.8/23 CS

9.8/29 9.2/15 2.8/12 2.8/24 4.8/35 CS
9.0/31 9.0/14 3.2/8 3.1/23 5.2/33 CS
8.1/29 7.3/13 3.4/5 3.2/14 4.7/26 CS
9.0/26 5.6/16 6.6/27 6.1/35
CS 8.2/33 5.4/23 4.6/13 CS 6.8/13 9.2/24 CS
6.9/36 4.6/19 CS 7.0/12 10.4/27 CS
CS 4.5/33 4.0/26 3.4/14 9.6/25 10.4/34 L
-2.0/39 -1.3/25 1.5/12 9.2/16 9.0/25 7.3/33 CS
CS 0.7/19 6.6/15 L

		1343.35		
+25	8.5			34.9
+55	1.4			42.0
TP	1.32			1343.03
+		1354.49	12.46	
495	7.1			47.4
+15	6.1			48.4
+65	10.3			44.2
+85	8.7			45.8
496	7.6			46.9
BM	5.98			1348.57
TP	0.76			1353.73
+		1365.51	11.78	
+45	11.0			54.5
497	8.1			57.4
+35	8.3			57.2
+70	6.6			58.9
Old B.M.	3.15			1362.36
498	3.8			61.7
+30	3.3			62.2
+65	3.0			62.5
TP	2.85			1362.66
+		1374.24	11.58	
499	9.6			64.6

CS 2.0 4.9 2.5 2.6
27 17 20 35
5.0 8.5 2.2 2.1 2.2
CS 31 20 14 27 35

9.0 4.4 5.2 5.8
31 10 22 33 CS
8.3 5.2 5.4 6.0 6.3
38 13 18 32 43
1.0 2.8 3.8 4.5
CS 26 17 23 32 CS
1.7 1.7 4.0 8.2
CS 32 26 19 31 CS
3.7 4.2 6.0 7.8
CS 27 14 17 33 CS

On 10" J. Pine S.E. of Sta 495

5.7 6.2 5.0 5.4
CS 26 18 12 39 CS
5.8 3.4 4.0
CS 24 20 29 CS
4.8 4.4 4.2 2.2 3.2
CS 34 24 7 24 30 CS
5.2 4.2 4.6 3.3
CS 35 30 17 25 34 CS

On 8" J. Pine S.W. of Sta 498

7.6 6.2 6.1 5.1 3.9
CS 35 27 9 19 41 CS
5.2 4.3 6.1 4.2
CS 29 11 14 25 CS
6.8 5.9 4.3 2.5
CS 36 24 8 20 CS

11.4 9.0 4.0 2.0 1.2
CS 31 16 6 23 34

		1374.24		
+60	9.6			64.6
500	7.9			66.3
PC+06.57	7.6			66.6
+50	6.0			68.2
501	6.3			67.9
+50	6.8			67.4
502	5.2			69.0
+50	4.2			70.0
503	2.9			71.3
PT+17.22	2.8			71.4
504	5.0			69.2
BM	0.99			1373.25

CS 7.7/27 — 3.5/14 2.6/27 CS

CS 8.4/30 — 3.0/27 CS

CS 8.7/31 — 3.0/21 2.7/32

CS 7.9/35 7.3/20 — 3.1/7 3.0/17 4.4/14 3.0/22 2.7/36

CS 7.2/28 — 6.0/2 4.2/6 3.1/17 3.1/26 CS

CS 8.3/26 6.3/9 7.5/8 5.3/4 — 4.6/8 4.9/17 6.5/21 4.2/22 3.8/26 CS

CS 9.2/30 6.6/15 8.0/13 6.0/9 — 4.7/12 6.1/16 3.2/18 2.2/27 CS

CS 8.1/30 6.6/20 7.8/18 5.7/14 — 5.5/6 6.7/10 3.0/12 1.6/20 CS

9.8/30 6.8/17 7.6/18 5.7/14 — 5.2/6 6.7/11 3.0/12 2.6/19 CS

On 7" Poplar E of Sta 501

	Revision	Notes
		New Grade
430		40.4
+30		41.3
431		44.7
432		50.3
+35		52.3
+80		54.8
433		56.0
+30		57.7
+75		66.2
434		61.6
+35		63.6
+70		65.6
+35		67.3
+35		69.3
+55		70.4
+80		71.7
436		72.6
+40		74.3
437		76.2
+20		76.7
+65		77.4
438		77.6
+20		77.7

Slope Stakes

+0.8
22.8
+4.0
26.0
+9.2
31.2
+16.0
38.0
+12.0
34.0
+14.8
36.8
+9.5
31.5
+5.8
27.8
+12.0
34.0
+12.4
34.4
+12.1
34.1
+13.4
32.4
+11.3
33.3

RC: 1.5
21.5
+
+7.2
29.2
+7.0
29.0
+5.0
27.0
+11.0
33.0
+17.7
39.7
+18.1
40.1
+13.6
36.6
+8.8
30.8
+12.3
34.3
+14.8
36.8
+14.2
36.2
+11.3
33.3
+7.9
29.9
+6.8
28.8

BM		1359.97	4.44	1355.53	
PT 333+55.72	6.0			54.0	56.4
334	6.4			53.6	57.2
+25	6.5			53.5	57.9
+50	6.2			53.8	58.8
335	4.4			55.6	61.0
+45	2.1			57.9	63.3
TP	0.17			1359.80	
+		1371.46	11.66		
336	10.8			60.7	66.0
+60	5.4			66.1	68.5
TP	0.54			1370.92	
+		1382.02	11.10		
337	9.8			72.2	71.0
+15	8.2			73.8	71.7
338	1.4			80.6	75.8
TP	0.37			1381.65	
+		1388.64	6.99		
+30	6.1			82.5	77.0
+75	5.3			83.3	78.5
339	4.0			84.6	79.3
+25	3.4			85.2	80.0
+75	5.6			83.0	81.0

On 18" N Pine N of Sta 332

-4.0 18.0	SE -0.5	-2.4	SE +0.5	DC 0.7 20.7	RP 40'
	-5.4 20.1	-3.6	-4.0 16.0		
		-4.4			
	-5.5 20.3	-5.0	-5.4 20.1		
	-5.8 20.7	-5.4	-5.6 20.3		
	-5.9 20.9	-5.4	-5.5 20.3		
	-6.6 21.9	-5.3	-5.0 19.6		
	-3.8 17.7	-2.4	DC 8.8 20.8		
RP 40'	+0.4 22.4	+1.2	+1.7 23.7		
		+2.1			
	+3.5 25.5	+4.8	+4.9 26.9		
	+3.9 25.9	+5.5	+5.5 27.5		
	4.5 26.5	+4.8	~~+4.4~~ ~~26.4~~		
	+5.4 27.4	+5.3	+5.4 27.4		
	+5.6 27.6	+5.2	+6.2 28.2		
	+0.3 22.3	+2.0	+3.2 25.2		

		1388.64			
340	6.1			82.5	81.4
+50	8.4			80.2	81.9
341	9.2			79.4	82.1
342	7.8			80.8	82.7
+65	7.1			81.5	83.1
TP	6.90			1391.74	
+		1392.01	10.27		
343	10.3			91.7	83.3
+40	9.3			82.7	83.5
TP BM	6.66			1395.45	
+		1391.27	5.72	1395.55	
344	4.8			86.5	93.8
+40	3.7			87.6	84.0
345	5.1			86.2	94.4
+60	5.4			85.9	84.6
346	6.0			85.3	84.0
+45	8.1			83.2	83.2
347	8.9			82.4	81.7
TP	12.31			1378.96	
+		1380.02	1.06		
348	3.8			76.2	78.3
349	5.5			74.5	75.0
+25	5.9			74.1	74.0
+80	5.1			71.9	71.6

	+1.9		+0.3
RP40'	23.9	+1.1	22.3
	DC 1.6		−3.4
	−1.6	−1.7	17.1
	DC 0.1		−5.2
	20.1	−2.7	19.8
	DC 0.9		−2.6
	20.9	−1.9	15.9
			DC 0.0
		−1.6	20.0
	−3.0		
	16.5	−1.6	DC 0.2
	DC 0.9		20.2
	20.9	−1.8	DC 1.2
			21.2
	+2.6		
	24.6	+2.7	+2.0
	+3.1		24.0
	25.1	+3.6	+3.0
	+2.0		25.0
RP40'	24.0	+1.9	+1.8
	+0.7		23.8
	22.7	+1.4	+1.8
	+0.6		23.8
	22.6	+1.3	+0.2
	+0.4		22.2
	22.4	0.0	DC 0.2
	+0.1		20.2
	22.1	+0.7	+0.3
			22.3
	−3.5		−2.6
	17.3	−2.1	19.9
	DC 1.6		DC 1.1
	21.5	−0.5	21.1
	+0.2		DC 1.6
	22.2	+0.1	21.6
		+0.3	

		1390.02			
350	9.0			71.0	70.8
+75	12.1			67.9	67.6
TP	12.04			1367.98	
+		1369.61	1.63		
351	3.3			66.3	66.6
352	8.6			61.0	62.4
353	11.5			58.1	59.2
TP	11.42			1358.19	
+		1363.06	4.87		
+95	5.3			57.8	58.0
354	5.8			57.3	58.0
				1359.36	
BM	3.70	1363.14		1359.44	
+70	6.6			56.5	58.0
355	5.4			57.7	58.0
+25	4.4			58.7	58.0
356	4.4			58.7	58.0
+45	5.6			57.5	57.8
357	9.0			54.1	57.0
PC+34.99	10.6			52.5	56.3
358	6.0			57.1	54.0
TP	5.95			1357.19	
+		1359.10	1.91		
+25	1.1			58.0	53.0
+50	2.2			56.9	52.0

	+0.1			DC 1.3
	22.1	+0.2		21.3
	+0.6			DC 0.9
	22.6	+0.3		20.9
	+0.0			DC 1.9
	22.0	-0.3		21.9
	+0.2			-3.4
	22.2	-1.4		17.1
	DC 0.7			DC 0.3
	20.7	-1.1		20.3
		-0.4		
	DC 0.3			DC 1.3
	20.3	-0.7		21.3
	-3.0			DC 1.8
	16.5	-1.5		21.8
	-1.3			+2.9
	14.0	-0.3		24.9
	-0.6			+4.0
	12.9	+0.7		26.0
	-1.5			+3.7
FE	14.3	+0.7		29.7
	DC 0.9		V +0.4	+1.9
	20.6	-0.3		23.0
	DC 0.3			-5.1
	20.3	-2.9		17.7
	-5.3			-3.3
	20.0 SE-0.5	-3.9	SE+0.5	17.0 RP40
	DC 1.6			+6.2
	V 1.6 "	+3.1	"	28.2 "
		" +5.0	"	
	+3.6			+4.0
	25.6	+4.9		26.0 "

		1359.10			
359	5.0			54.1	50.0
+50	7.1			52.0	48.0
360	11.2			47.9	46.0
TP	12.24			1346.86	
+		1347.28	0.42		
+50	2.4			44.9	44.0
361	8.2			39.1	42.0
TP	12.27			1335.01	
+		1344.82	9.82		
PT+39.32	10.7			34.1	40.4
362	13.0			31.8	38.7
+45	13.4			31.4	37.3
363	13.4			31.4	36.7
PC+66.4	13.4			31.4	36.8
+50	12.6			32.2	37.2
364	11.4			33.4	38.7
+50	8.6			36.2	40.7
BM	10.81	1344.81		1334.02	
				1334.00	
365	4.5			40.3	42.7
TP	0.16			1344.65	
+		1345.03	10.38		
+50	9.7			45.3	44.7
366	7.2			47.8	46.7

Continued on Pg 59

	+4.2			+3.6	
	26.2	SE-0.5	+4.1	SE+0.5 25.6	RP 40'
	+5.1			+3.8	
	27.1	"	+4.0	" 25.8	"
	+0.6			+2.2	
	22.6	"	+1.9	" 24.2	"
	+3.3			+2.0	
	25.3	"	+0.9	" 24.0	"
	Ø 20.8			−5.0	
	20.8	"	−2.9	" 19.5	"
	−7.8	14	14	−7.2	
	25.7	"	−6.3	" 24.8	RP 40'
	−8.1	14	14	−7.7	
	26.2		−6.9	25.6	
	−6.6	14	14	−6.1	
	23.9		−6.9	23.2	
	P24"x46'	14	−5.3	14	
	−5.8	14	14	−6.3	
RP 40'	22.7	SE+0.5	−5.4	SE−0.5 29.5	
RP 40'	−5.7	14	14	−5.5	
	22.6	"	−6.0	" 22.3	
RP 40'	−5.6	14	14	−5.1	
	22.4	"	−5.3	" 21.7	
RP 40'	−5.2	14	14	−4.6	
	21.8	"	−4.5	" 20.0	
RP 40'	−5.3	14		+0.9	
	22.00	"	−2.4	" 22.9	
RP 40'	−2.5			+5.6	
	15.8	"	+0.6	" 27.6	
RP 40'	−1.2			+3.6	
	12.8	"	+1.1	" 26.6	

Sta	−	HI	+	Elev	
BM		1385.32	8.66	1376.66	
394	10.3			75.0	74.0
PC+01.34	10.3			75.0	74.0
+25	9.3			76.0	74.6
+50	9.0			76.3	75.0
395	4.3			81.0	75.9
+25	4.8			80.5	76.1
TP	12.34			1372.98	
+		1376.71	3.73		
396	3.2			73.5	76.5
+50	4.2			72.5	(77.2) 76.7
397	5.8			70.9	(77.8) 77.1
+50	5.9			70.8	(78.4) 77.9
398	2.6			74.1	79.0
TP	3.03			1373.68	
+		1385.77	12.09		
PT+51.34	6.4			79.4	80.3
+70	4.3			81.5	80.6
399	0.7			85.1	81.4
TP	0.65			1385.12	
+		1391.77	6.65		
PC+25.9	6.4			85.4	82.1

5-16-2? Weather - Partly Cloudy & Warm

Party: Taubman - Asst Engr. / F Shepord - Rod / E.T. Lamborn - Chain

On 6" Poplar NW of Sta 394

RP 40' +1.8 / 23.8 SE+0.2 | +1.0 | +1.0 SE-0.2 | ΔC 0.9 / 20.9

RP 40' +3.6 / 25.6 " | +1.4 / +1.3 " | ΔC 1.0 / 21.0

RP 40' +6.9 / 28.9 " | +6.1 " | +0.1 / 22.1

+9.0 / 31.0 " | +4.4 " | +0.1 / 22.1

RP 40' +2.9 / 24.9 " | -3.0 " | -3.3 / 17.0

RP 40' ΔC 1.6 / 21.6 " | -4.2 13' " | -5.9 / 21.9

RP 40' +0.0 / 22.0 " | -6.2 14' " | -12.1 / 32.2

RP 40' -3.3 / 18.0 " 13' | -7.1 14' " | -7.6 / 25.4

RP 40' -3.8 / 18.7 " 13' | -4.9 13' " | -5.3 / 21.0

RP 40' " ΔC 1.7 / 21.7 | -0.9 " | ΔC 0.1 / 20.1

+0.7

+3.4 / 25.4 | +3.7 | +3.0 / 25.0

+2.7 / 24.7 SE-0.4 | +3.3 | SE+0.4 +3.0 / 25.0 RP 40'

		1391.77			
+60	9.8			82.0	83.0
400	8.0			83.8	84.0
+50	5.1			86.7	85.2
+75	6.9			84.9	85.9
401	4.5			87.3	86.5
+40	2.6			89.2	87.4
TP	2.66			1389.11	
+		1398.44	9.33		
+75	6.1			92.3	91.9
BM	17.3	1398.46		1396.71 1396.72	
402	5.7			92.8	88.1
+50	7.3			91.2	88.3
403	8.9			89.6	88.0
TP	12.30			1386.16	
+		1389.45	3.27		
+65	9.4			80.1	87.3
PT+79.65	9.5			80.0	87.1
404	8.9			80.6	87.1
+25	7.7			81.8	86.9
+60	5.6			84.0	86.8
+90	5.0			84.5	86.7
405	4.9			84.6	86.7
+60	5.9			83.6	87.1
406	6.7			82.8	87.7

+1.6 DC 0.1 RP 40'
23.5 SE −0.4 −1.0 20.1 SE +0.4
+1.7 +0.2 RP
23.7 " −0.2 " 22.2 40'
+1.7 +0.4 RP
23.7 " +1.5 " 22.4 40'
DC 1.8 " −2.0
21.8 " −1.0 " 13.6
+2.4 " DC 1.6
24.4 " +0.8 " 21.6
+6.0 +0.7 RP
28.0 " +1.8 " 22.7 40'

" +4.4 "

+4.0 +2.5 RP
26.0 " +4.7 " 24.5 50'
+1.9 +2.3 RP
23.0 " +2.9 " 24.8 55'
+1.8 +1.2 RP
22.8 " +1.6 " 23.2 40'

" 14' −7.2 14' "
−7.9 14' −7.1 14 −7.0 RP
25.7 " 14' −6.5 14 " 24.5 50'
−6.1 13' −5.1 13' −5.6
22.2 21.4
−6.8 13' −5.9 13' −5.5
22.9 21.3
−3.7 DC 0.2
18.6 13' −2.2 13' 21.2
−2.9 13' −2.1 13' −1.9
17.4 15.9 RP 34'
−3.2 13' −3.5 13' −2.8
17.8 17.2
−3.2 13' −4.9 13' −5.2
17.8 20.8

		1389.43			
+30	6.3			83.2	88.2
+60	3.2			86.3	88.7
TP	3.14			1386.31	
+		1397.57	11.20		
407	6.9			90.6	89.3
+46	3.8			93.7	90.6
+70	3.6			93.9	90.2
409	5.6			91.9	91.4
+25	7.7			89.8	90.5
+70	8.3			89.2	90.2
409	5.9			91.6	90.4
+45	4.8			92.7	90.1
[illegible]	7.8			89.7	89.8
[illegible]	7.70			1389.81	
+		1394.62	4.81		
+10	4.8			89.8	89.8
411	6.5			88.1	89.2
412	6.6			88.0	88.6
+35	4.2			90.4	88.2
413	6.1			88.5	86.6
TP	5.85			1388.77	
+		1392.72	3.95		
414	4.9			87.8	82.1

	DC 1.5		13'	+ 5.9
	21.5	- 5.0		21.9
	+ 1.3		13'	- 4.9
	23.3	- 2.4		20.2
	+ 2.2			+ 1.4
	24.2	+ 1.3		23.4
	+ 2.3			+ 4.2
	24.3	+ 3.7		26.2
		+ 3.7		
	+ 0.0			+ 0.9
	22.0	+ 1.5		22.9
	DC 1.3			DC 0.9
	21.3	- 0.7		20.9
	DC 1.4			DC 1.7
	21.4	- 1.3		21.7
	DC 1.8			+ 1.8
	21.8	+ 1.2		23.9
	+ 0.6			+ 2.2
	22.6	+ 2.6		24.2
				+ 0.5
RP40' ✓	+ 0.2 22.2	S.E. + 0.4	- 0.1	S.E. - 0.4 22.5
	DC 1.2			DC 0.5
RP30	21.2	" - 1.1		" 20.5
	+ 0.4			DC 1.2
	22.4	" - 0.6		" 21.2 RP35
	+ 2.5			+ 1.7
RP40'	24.5	" + 2.2		" 23.7
	+ 3.9			+ 1.1
	25.9	" + 1.9		" 23.1 RP40'
		"		
				+ 6.0
RP40'	+ 8.2 30.2	" + 5.8		" 29.5

		1392.72			
+50	7.8			84.9	79.0
415	11.8			1380.9	76.0
TP BM	10.67			1382.05	
				1382.03	
+		1382.36	0.33		
+30	6.2			76.2	74.2
+65	7.1			75.3	72.1
PT+82.2	8.4			74.0	71.1
416+20	8.6			73.8	70.8
+45	12.3			70.1	69.3
TP	12.25			1370.11	
+		1370.82	0.71		
+67	2.0			68.8	68.8
417	7.0			63.8	66.0
+30	9.4			61.4	64.2
+75	12.5			1358.3	61.5
TP	12.41			1358.41	
+		1359.07	0.66		
418	4.6			54.5	60.0
+45	14.9			44.2	57.3
419	14.6			44.5	54.4
+40	12.2			46.9	53.0
+75	11.7			47.4	52.1
420	11.7			47.4	51.8
TP	11.59			1347.48	
+		1359.25	11.77		

	+7.3			+3.7
	29.3 SE +0.4	+5.9	SE -0.4	25.7 RP40
RP40	+6.6			+2.5
	23.6 "	+4.9	"	24.6
RP40	+3.3			+2.1
	25.34	+2.6	"	24.1
"	+2.7		"	+2.9
	24.7 "	+3.2		24.9
	+2.1			+0.6
"	24.1 "	+2.9	"	22.6
		+3.0		
	+2.0			DC 1.2
	24.0	+0.8		21.2
	+2.4			-1.9
	24.4	+0.8		14.9
	+2.4			-5.2
	24.4	-2.2		+9.8
	DC 1.8			-5.6
	21.8	-2.8		20.4
	DC 0.0	13'	13'	-7.7
	21.0	-3.2		24.6
	-8.5	13'	13'	-6.8
	26.8	-5.5		23.2
	-17.9	14'	14'	-8.7
	40.9	-13.1		27.1
	-11.5	14'	14'	-8.9
	31.3	-9.9		27.4
	-7.5	14'	14'	-15.9
	25.3	-6.1		37.9
	-2.3	14'	14'	-16.6
	17.5	-4.7		38.9
	DC 1.2		14'	-17.1
	21.2	-4.4		39.7

		1359.25			
+60	10.5			48.8	51.9
421	9.3			50.0	52.3
+35	6.6			52.7	52.6
PC+94.37	4.7			54.6	5
422	4.7			54.6	53.2
+32	3.0			56.3	53.5
PT+69.4	2.5			56.8	53.8
PC+89.92	2.1			57.2	54.0
TP	1.82			1357.43	
+		1363.39	5.96		
423	7.0			56.4	53.9
+40	7.6			55.8	53.8
424	6.3			57.1	53.1
+40	6.4			57.0	52.4
425	8.1			55.3	50.5
+50	12.0			51.4	47.6
TP	9.49			1353.90	
+		1353.40	1.50		
426	4.2			51.2	46.5
+25	5.6			49.8	45.4
TP BM	6.45			1343.95 1348.99	
+		1350.43	1.44		
PT+43.25	3.5			46.9	44.4
427	6.1			44.3	43.3

+1.8 23.8		-3.1	141'	-15.8 37.7	
+3.3 25.3		-2.3	131'	-16.5 28.8	
+4.3 26.3		+0.1		-4.5 18.8	
+4.5 26.5	SE -0.7	+1.4	SE +0.7	DC 0.8 20.8	RP 33'
+6.4 28.4	"	+2.8	"	DC 1.5 21.5	RP 35'
+6.7 28.7	"	+3.0	"	+0.3 22.3	" 35'
	"	+3.2	"		
+6.0 28.0	"	+2.5	"	DC 1.4 21.4	RP 35'
+4.1 26.1	"	+2.0	"	DC 1.7 21.7	RP 35'
+8.4 30.4	"	+4.0	"	+1.9 23.9	"
+5.4 27.4	"	+4.6	"	+1.3 23.3	"
+5.2 27.2	"	+4.8	"	+0.9 22.9	RP 40'
+7.1 29.1	"	+3.8	"	+1.6 23.6	"
+4.1 26.1	"	+4.7	"	+2.4 24.4	"
	"	+4.4	"		

On 7" Birch N of Sta 426

+2.0 24.0	"	+2.5	"	+2.6 24.6	"
+3.3 25.3		+1.0		+2.2 24.2	

5-31-28

Party { Taubman - Asst. Engr.
G. Townsend - Rod
Car 10. Peterson - Chain

Clear & Soltry

		1360.43			
+30	7.3			43.1	42.1
+55	10.6			39.9	41.3
TP	12.06			1336.37	
+		1341.12	2.75		
+90	9.6			31.6	40.2
428	9.8			31.3	40.0
429	11.1			30.0	39.0
BM	9.03			1332.09	
+90	12.1			29.0	40.2
430	13.1			28.0	40.5
+30	12.9			28.2	41.5
431	11.6			29.5	45.0
+35	9.6			31.5	47.1
TP	9.53			1331.59	
+		1343.35	11.76		
+50	10.4			33.0	48.0
+65	7.5			35.9	48.9
+80	3.7			39.7	49.9
432	0.3			42.6	51.0
TP	0.63			1342.72	
+		1354.60	11.88		
+35	7.5			47.1	53.1
+65	0.9			53.8	54.3
				1345.46	
BM	9.14	1354.65		1345.51	

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	+6.3			
	29.3	+1.0		□ c 0.5
	+2.4			20.5
	24.4	-1.4		-3.0
				16.5
		14'	14'	
		-8.6		
	-8.7	14'	14'	-8.5
	27.1	-8.7		26.8
	-9.0	14'	14	-8.0
	27.5	-9.0		26.0
	On 6" Tom NE of Sta 428			
		14'	14'	
		-11.2		
	-12.8	14'	14'	-11.2
	32.2	-12.5		30.8
	-13.0	14'	14'	-13.7
	33.5	-13.3		34.6
	-15.1	14'	14'	-15.5
	36.7	-15.5		37.3
	-	14'	14'	
		-15.6		
	-12.4	14'	14'	-17.0
	32.6	-15.0		39.5
		14'	14'	
		-13.0		
		14'	14'	
		-10.1		
	-18.4	14'	14'	-4.4
	41.6	-8.4		20.6
	-16.0	14'		□ c 0.4
	32.0	-6.0		20.4 RP 40
	-8.7	14'		+5.2
	27.1	-0.5		27.2

		1354.65			
TP	0.66			1353.99	
+		1363.75	9.76		
+80	7.2			56.6	55.8
433	4.4			59.4	57.0
TP	1.38			1362.37	
+		1374.48	12.11		
+30	10.7			63.8	58.8
+75	10.0			64.5	61.5
434	2.7			71.8	63.0
TP	0.33			1374.15	
+		1386.45	12.30		
+35	6.4			80.1	65.1
+70	3.4			83.1	67.2
435	4.0			82.5	69.0
BM	7.41			1379.04	
+35	10.7			75.8	71.1
+55	7.0			79.5	72.3
+80	2.7			83.8	73.7
436	1.5			85.0	74.7
TP	1.40			1385.05	
+		1389.35	4.30		
+40	3.3			86.1	76.6
+80	3.6			85.8	77.5
437	2.8			86.6	77.9

		+0.8	
	−1.9 / 14.9	+2.4	+6.2 / 28.2
	+0.0 / 22.0	+5.0	+6.0 / 28.0
RP 40'	+2.7 / 24.7	+3.0	+3.6 / 25.6
	+7.8 / 29.8	+8.8	+9.8 / 31.8
	+14.1 / 36.1	+15.0	+16.2 / 38.2
	+10.3 / 32.3	+15.9	+16.5 / 38.5
	+13.2 / 35.2	+13.5	+11.9 / 33.9
On 6" Birch S of Sta +35			
	+7.3 / 29.3	+4.7	+7.1 / 29.1
	+3.7 / 25.7	+7.2	+10.4 / 32.4
	+9.9 / 31.9	+10.1	+12.8 / 34.8
	+10.6 / 32.6	+10.3	+11.9 / 33.9
	+9.7 / 31.7	+9.5	+9.3 / 31.3
	+8.6 / 30.6	+8.3	+6.9 / 28.9
	+8.9 / 30.9	+8.7	+6.2 / 28.2

Revised Pg 37

		1389.35			
+20	3.7			85.7	78.2
TP	11.45			1377.90	
+		1384.09	6.19		
+65	10.6			73.5	78.5
438	15.9			68.1	78.4
+20	13.9			70.1	78.1
PC+40.88	8.2			75.9	77.7
+56	6.1			78.0	77.4
BM	3.52	1384.07		1380.57 1380.55	
439	11.2			72.9	76.3
+25	12.3			71.8	75.7
+75	6.2			77.9	74.2
440	5.8			78.3	73.3
+50	5.8			78.3	71.3
441	8.8			75.3	69.0
+30	11.3			72.8	67.5
TP	11.28			1372.79	
+		1373.38	0.59		
442	9.2			64.2	64.0
PT+10.7	9.2			64.2	63.5
+50	11.6			61.8	62.0
TP	11.56			1361.82	
+		1362.30	0.48		

Revised 9.37

	+9.8 / 31.8		+7.5			+5.4 / 27.4	
	+0.3 / 22.3		−5.0	13'		−6.2 / 22.3	
	−4.6 / 20.9	14'	−10.3	14'		−8.5 / 26.8	
		14'	−8.0	14'			
	⊡C 0.3 / 20.3	SE −0.4	−1.8		SE +0.4	⊡C 1.6 / 21.6	RP 40'
	+1.4 / 23.4	"	+0.6		"	⊡C 1.4 / 21.4	

On 5" Poplar N of Sta 438+55

RP 40'	+2.5 / 24.5	"	−3.4	13'	"	−9.7 / 27.6	
	+1.7 / 23.7	"	−3.9	13'	"	−11.2 / 27.8	
	+2.7 / 24.7	"	+3.7		"	+1.4 / 23.4	
	+4.2 / 26.2	"	+5.0		"	~~+4.4~~ / ~~26.4~~	RP 40'
RP 40'	+3.6 / 27.6	"	+7.0		"	+8.7 / 30.7	
"	+3.5 / 26.5	"	+6.3		"	+8.2 / 30.2	
	+3.5 / 25.6	"	+5.3		"	+6.1 / 28.1	
		"	+0.2		"		
	+0.3 / 22.3	"	+0.7		"	+1.9 / 23.9	RP 40'
	⊡C 0.7 / 20.7		−0.2		⊡C 1.3 / 21.3		

		1362.30			
+80	4.2			58.1	60.5
443	7.2			55.1	59.5
+46	13.7			48.6	57.3
+76	9.8			52.5	56.0
+87	10.0			52.3	55.2
444	11.8			50.5	54.5
TP BM	8.06			1354.24 1354.29	
+		1354.86	0.57		
PC+16.72	6.3			48.6	53.7
+55	11.3			43.6	51.7
445	11.5			43.4	49.6
+65	10.8			44.1	47.3
446	13.2			41.7	46.5
+65	9.3			45.6	46.7
447	7.8			47.1	47.5
+50	6.8			48.1	49.0
448	3.7			51.2	50.5
PT+28.55	2.6			52.3	51.4
PC+50.6	2.8			52.1	51.5
TP	2.21			1362.65	
+		1363.35	10.70		
+75	12.6			50.8	52.3
449	11.2			52.2	53.0

−3.5 17.3			−2.4			−2.4 16.6	
−6.8 22.2			−4.4			−4.4 18.6	
−18.6 29.9		13'	−8.7	13'		−6.5 22.8	
−6.0 22.0		13'	−3.5			DC 0.8 20.8	
−7.3 24.0		13'	−2.9			+0.1 22.1	
		13'	−4.0				

White Pine Stump S of Sta 445

	−10.9 30.4	SE +0.2	14'	−5.1	14'	SE −0.2	DC 1.0 23.0	RP 40'
	−11.6 31.4	″ +0.5	14'	−8.1	14'	″ −0.5	−4.3 20.5	″
	−7.6 25.4	″	14'	−6.1	14'	″	−5.7 22.6	″
RP 40'	−2.9 18.4	″	14'	−3.2	14	″	−4.6 20.9	
″	−3.3 17.0	″	14'	−4.8	14'	″	−3.6 19.4	
″	+3.4 25.4	″		−1.1	14'	″	−4.8 21.2	
″	+5.0 27.0	″		−0.4	14'	″	−4.9 21.4	
″	+4.2 26.2	″		−0.9	14'	″	−5.0 21.5	
″	+4.3 26.3	SE +0.5		+0.7	13'	SE −0.5	−2.7 17.1	
″	DC 0.7 20.7			+0.9			+0.1 22.1	
				+0.6				

−4.5 18.8	SE −0.3	−1.5	SE +0.3	+2.9 24.9	
−2.1 13.2	″	−0.8	″	+4.0 26.0	RP 40'

		1363.25			
+69.7	3.8			59.6	54.8
450	2.9			60.5	55.4
+65	5.6			57.8	56.2
PT+87.54	5.6			57.8	56.7
457	6.2			57.2	56.7
+25	4.6			58.8	56.9
+50	4.0			59.4	57.0
+86	5.8			57.6	57.3
PC+91.75	5.9			57.6	57.3
452	5.6			57.8	57.3
+25	4.5			58.9	57.4
				1352.45	
BM	10.90	1363.33		1352.43	
+55	7.7			55.6	57.6
+80	10.3			53.0	57.8
453	11.7			51.6	59.0
+20	10.5			52.8	58.1
+60	8.6			54.7	58.5
+70	7.5			55.8	58.7
454	4.3			59.0	59.1
+25	2.9			60.4	59.6
TP	0.77			1362.56	
+		1369.90	7.34		
+55	6.4			63.5	60.1

RP40'	+0.6						
	27.6	SE-0.3	+4.8	SE+0.3	+9.7		
	+1.0				31.7		
"	23.0	"	+5.1	"	+10.2		
	+0.9				32.2		
"	22.9	"	+1.6	"	+5.0		
	+0.3				27.0		
"	22.8	"	+1.1	"	+2.8		
					24.8		
			+0.5				
			+1.9				
	+3.0				+0.7		
	25.0		+2.4		27.7		
			+0.3				
	+3.5				-2.0		
	25.5		+0.3		13.0	RP40'	
			+0.5				
	+3.6				DC 0.8		
	25.6		+1.5		20.8		
	DC 0.0				DC 6.2		
	20.0		-2.8		20.2		
	-8.5	13'			-2.8		
	17.5		-4.8	13'	17.2		
	-10.4	13'			-5.4		
	29.6		-6.4	13'	21.1	RP40'	
		13		13'			
			-5.3				
	-11.8	13'			DC 1.2		
	30.7		-3.8		21.2		
		13'					
			-2.5				
	-7.3				+4.1		
	24.0		-0.1		26.1	RP40'	
	DC 1.1				+4.5		
	21.1		+0.9		26.5		
	+2.0				+5.1		
	24.0		+3.4		27.1		

		1369.90			
455	12.1			57.8	61.0
+45	10.3			59.6	62.1
456	3.7			66.2	63.4
+55	4.9			65.0	64.5
+80	3.3			66.6	65.2
457	3.6			66.3	65.4
PT+16.75	3.4			66.5	65.5
+52	5.6			64.7	65.3
+75	6.3			63.6	65.1
458	8.9			61.0	64.6
+20	7.7			62.2	64.1
+40	7.8			62.1	
PC +57.2	7.0			62.9	62.7
TP	6.98			1362.92	
+		1365.60	2.68		
+25	1.1			64.5	61.6
459	3.0			62.6	61.0
+35	4.8			60.8	59.6
+75	3.8			61.8	58.0
460	6.1			59.5	57.0
+20	8.0			57.6	56.2
+60	5.0			60.6	54.6
+85	3.1			57.5	53.7

		−9.5	13'	−3.2	+1.0
		27.3			↓3.0 RP40'
		−6.5	13'	−2.5	+0.4
		↓2.8			22.4
		+0.5		+1.9	
		22.8		+2.8	23.9 "
		+0.1			Ø C1.6
		22.1		+0.5	21.6
				+1.4	
		Ø C1.5			+0.1
		21.5		+0.9	22.1 "
		Ø C1.5			+1.0
		↓1.5		+1.0	23.0 "
		Ø C0.2			Ø C2.0
		20.2		−0.9	20.0
				−1.5	
		−6.0			−2.5
		↓1.0		−3.6	15.9
		−4.5			Ø C0.3
		15.8		−1.9	20.3
		Ø C0.6			
		20.6	SE+0.3	+0.2	SE−0.3 +1.3 RP40
					23.3
				+2.9 "	
		+0.0			+2.4
		22.0	"	+1.6 "	24.4 "
		+0.9			1.5
		22.9	"	+1.2 "	23.5
		+3.4			+2.7
		25.4	"	+3.8 "	24.1
		+3.4			+2.3
RP40'		25.4	"	+2.5 "	24.3
		Ø C1.8			+4.0
		21.8	"	+1.4 "	26.4
		+3.1			+0.9
		25.1	"	+6.0 "	27.9
		+3.6			
		25.6	"	+3.8 "	

6-26-28

		1365.60									
461	11.7			53.9	53.0	RP40	+2.5 24.6	SE+0.3	+0.9	SE-0.3	DC 1.4 21.4
TP	11.54			1354.06							
+		1354.50	0.44								
+30	3.8			50.7	51.8		DC 1.1 21.1	SE+0.3	−1.1	SE-0.3	DC 0.3 20.3
+55	7.2			47.3	50.8		−3.2 16.8	"	−3.5	"	−3.1 16.7
462	12.1			42.4	49.0	RP40'	−4.5 20.9	14'	−6.6	14'	−8.5 26.8
TP BM	11.22			1343.28							
+		1346.03	2.75								
+25	6.1			39.9	48.1		−5.9 22.9	14' "	−8.2	14' "	−10.1 29.2
PT+69.16	8.8			37.2	47.3		−10.2 29.3	14' "	−10.1	14' "	−8.1 26.2 RP40'
463	7.4			38.6	46.9		−10.7 30.1	14'	−8.3	14'	−7.7 21.1
+35	3.1			42.9	46.9		−7.3 24.0	13'	−4.0	13	−2.5 16.8
TP BM	3.38			1342.53 1342.62			On 12" Nail Post NE of Sta 463				
+		1354.53	12.01								
+70	8.9			45.7	47.4		−3.1 16.7		−1.7		DC 1.5 21.5
464	3.8			50.7	48.1		+6.2 22.2		+2.6		+2.8 24.8
TP	1.34			1353.19							
+		1358.51	5.32								
+45	1.8			56.7	49.1		+6.0 29.0		+7.6		+5.4 27.4
465	4.2			54.3	49.4		+6.9 28.9		+4.9		+3.9 25.9
+35	4.2			54.3	49.1		+5.3 27.3		+5.2		+4.2 26.2
+66	10.1			48.4	47.6		+0.0 22.0		+0.9		+1.8 23.8 RP40'
TP	12.11			1346.40							
+		1351.24	4.94								

		1351.24			
+45	6.1			45.1	46.1
467	10.6			40.6	44.9
468	10.7			46.5	44.0
Pt+68.7	10.9			40.3	44.0
469	11.0			40.2	44.0
+42	9.3			41.4	44.0
470	2.8			48.4	44.0
+30	2.2			42.0	44.0
+80	5.3			45.9	44.0
471	6.3			45.9	44.0
PT+62	6.3			46.9	44.0
+12	5.0			46.2	43.8
+29	4.7			46.5	43.6
+45	4.6			46.7	43.6
+70	4.9			46.3	43.1
472	5.8			44.4	42.0
+35	8.3			42.9	40.6
TP	8.23			1343.01	
+		1343.48	0.47		
+85	4.5			39.0	38.6
473	6.5			37.6	39.0
TP	4.95			1338.53	
BM				1338.27	
+		1340.50	2.03		

	20.3			+0.5
	20.3	−1.0		21.5
	−7.3			−2.7
	13.5	−4.3		18.8
	−2.5			−3.5
	17.3	−3.5		17.3
	−3.7			−3.7
RP40'	17.6	−3.7		17.6
	−3.7			3.8
	21.7	−3.8		17.7 RP40'
	−3.1			DC 0.9
	16.7	−2.6		20.9
	+3.6			+6.0
RP40'	25.6	+4.4		28.0
	+3.8			+7.1
	25.8	+5.0		29.1
	DC 4.7			+6.3
	21.7	+1.9		25.3
		+1.9		
	DC 1.3			+5.1
RP40'	21.3	+1.9		27.1
		+2.4		
		+2.9		
	+0.6			+5.8
	22.6	+3.1		27.8
	+2.9			+5.4
	24.9	+3.2		27.4
	+3.3			+3.9
	25.7	+3.4		25.4
	+4.1			+0.8
	26.1	+2.3		22.8
	+0.8			DC 5.5
	22.9	+0.4		20.5
	DC 1.1			−1.8
	21.1	−1.0		14.7

On 12" Bench Mk Sta 473

		1340.56			
+40	11.1			29.4	36.4
474	12.3			28.2	34.0
PC+24.34	12.1			28.4	33.1
475	13.0			27.5	31.0
476	13.5			27.0	30.0
+40	12.8			27.7	30.0
477	2.7			37.8	30.0
+30	2.9			37.6	30.0
478	8.4			32.1	30.0
+30	11.9			28.6	30.0
479	14.4			26.1	29.4
PT+84.34	13.2			27.3	29.0
480+45	12.3			28.2	28.9
TP	12.31			1328.19	
+		1332.69	4.50		
+75	4.0			28.7	28.7
481	5.6			27.1	28.6
482	6.9			25.8	28.0
483	6.4			26.3	28.0
+43	4.4			28.3	28.0
BM	5.01	1332.65		1327.68 / 1327.64	
484	6.2			26.5	28.0
485	6.8			25.9	28.0
+60	6.1			26.6	28.0

-5.3 / 22.0	14'	-7.0	14'	-8.4 / 26.6	
-4.8 / 21.2	14'	-5.8	14'	-6.4 / 23.6	
-4.3 / 20.5	SE -0.5 14'	-4.7	14' SE + 0.5	-4.7 / 21.1	RP 40'
-4.5 / 20.8	" 14'	-3.5	14' "	-4.6 / 20.9	"
-2.7 / 17.1	" 13'	-3.0	13' "	-2.5 / 16.8	"
DC 1.0 / 22.0	" 13'	-2.3	13' "	-2.2 / 16.3	
+9.5 / 31.5	"	+7.8	"	+2.6 / 24.6	"
+7.0 / 21.0	"	+7.6	"	+4.0 / 26.0	
+2.9 / 24.9	"	+2.1	"	DC 0.1 / 20.1	"
DC 1.2 / 21.2	"	-1.4	"	-2.7 / 16.1	
-3.7 / 17.6	"	-3.3	"	-2.6 / 15.9	"
+2.4 / 24.4		-1.7		-3.3 / 17.0	"
+5.1 / 27.1		-0.7		-2.2 / 15.3	
+3.3 / 25.3		0.0		-1.9 / 14.9	
DC 1.2 / 21.2		-1.5		-2.2 / 15.3	
DC 0.6 / 20.6		-2.2		DC 0.2 / 20.2	
DC 0.2 / 20.2		-1.7		DC 0.9 / 20.9	
DC 1.5 / 21.5		+0.3		+0.0 / 22.0	
On 9" Poplar SW of Sta 483+83					
DC 1.0 / 21.0		-1.5		DC 0.8 / 20.8	
DC 0.6 / 20.6		-2.1		DC 0.0 / 20.0	
-2.0 / 15.0		-1.4		-3.2 / 16.8	

		1332.65			
486	7.4			25.3	28.0
TP	7.38			1325.27	28.0
+		1335.27	10.00		
+41	11.9			23.4	28.0
PC+57.16	12.8			22.5	29.0
487	13.5			21.8	28.0
+50	13.7			21.6	28.0
488	12.9			22.4	28.0
+25	10.5			24.8	28.0
+50	10.2			25.1	28.0
489	6.6			28.7	28.0
+50	6.6			28.7	28.0
490	5.5			29.8	28.0
+55	5.9			29.4	28.4
+85	1.8			33.5	28.9
491	2.5			32.8	29.2
+40	3.9			31.4	30.4
PT+59.78	0.6			34.7	31.2
TP	0.45			1334.82	
+		1343.85	9.03		
492+85	2.7			41.2	33.4
493	2.5			41.4	34.1
+20	3.8			40.1	32.1
+55	10.3			33.6	36.8

	-3.7		-2.8	
	17.1	-2.7	16.2	RP40'
		13'		
		-4.6 13'		
	-5.8	14'	-4.8	RP
	22.7 SE+0.7	-5.5 14'	SE-0.7 21.2	35
P.6.0 "X60'	-5.6 22.4 "	14' -6.2 14'	" -7.0 24.5	
	-5.5 22.3 "	14' -6.4 14'	" -7.2 24.8	
	-5.4 22.1 "	14' -6.6 14'	" -4.5 20.8	RP40
		" 14' -5.6 14'	"	
	-4.6 20.9	14' -2.9	" PC 1.7 21.7	RP40'
	PC 0.9 20.9 "	+0.7	" +0.0 23.0	RP40'
RP40'	+0.1 22.1 "	+0.7	" +1.5 23.5	
	+1.9 23.9 "	+1.9	" +0.4 22.4	
	+1.7 23.7 "	+1.0	" +4.1 26.1	
	+0.7 22.7 "	+4.6	" +5.8 27.8	
	+0.6 22.6 "	+3.6	" +4.2 26.2	
	PC 1.2 21.2 "	+1.0	" +1.3 23.3	
	+1.1 23.1 "	+3.5	" +1.5 23.5	
	+6.4 28.4	+7.8	+3.6 25.6	
	+6.5 29.5	+7.3	+2.6 24.6	
	+6.2 28.2	+5.0	+0.6 22.6	
	+2.8 24.8	14' -3.2	-6.9 24.4	

		1343.86			
494	12.8			31.1	39.0
+25	9.0			34.9	40.3
+50	2.0			41.9	41.9
TP	0.67			1343.18	
+		1354.93	11.75		
495	7.7			47.2	44.2
				1348.28	
BM	6.45	1354.96		1348.51	
+15	6.7			48.3	45.0
+65	10.8			44.2	47.6
+85	9.3			45.7	48.6
496	8.0			47.0	49.4
+45	0.15			54.5	51.7
TP	0.40			1354.56	
+		1365.37	10.96		
497	8.2			57.3	54.6
+35	9.4			57.1	56.4
+70	6.6			58.9	55.2
				1362.39	
BM	3.15	1365.51		1362.36	
498	3.8			61.7	59.9
+30	3.4			62.1	61.3
+65	3.0			62.5	62.8
499	1.0			64.5	64.1
TP	0.42			1365.09	
+		1375.49	10.40		

	-3.5	14'	14'	-8.7
	19.3	-7.9		27.1
	-4.1	14'	14'	-2.6
	23.2	-5.4		17.9
	-3.4			+3.6
	17.1	0.0		25.6
	DC 1.8			+3.0
	21.8	+3.0		28.0
On 10" S. Pine SE of Sta 495				
	+1.6			+2.7
	23.6	+3.3		24.7
	+0.5			DC 0.0
	2 21.6'	-3.4		20.6
		-2.9		
RP 40'	DC 1.5			-2.3
	21.5	-2.4		15.5
	+2.2			+2.8
	24.2	+2.9		24.8
	+2.0			+4.6
	24.0	+2.7		26.6
	+1.4			+3.2
	23.4	+0.7		25.2
	+1.5			+2.6
	23.5	+0.7		24.6
On 8" S. Pine SW of Sta 498				
	+1.4			+2.0
	23.4	+1.9		24.0
	+1.4			+1.3
	23.4	+0.8		23.3
	DC 1.1			+2.2
	21.1	-0.3		24.2
	-3.4			+3.7
	17.1	+0.4		25.7

1375.49

+60	10.9			64.6	65.5
500	9.1			66.4	66.7
PC+06.51	8.9			66.6	66.8
+50	7.4			68.1	67.5
501	7.5			68.0	68.4
+58	8.1			67.4	69.2
502	6.5			69.0	70.0
+50	6.3			70.2	70.7
503	4.3			71.2	71.3
PT+17.22	4.2			71.3	71.4
BM	2.21			1373.28 1373.26	
504	6.1			69.4	

			−2.7		−0.9		+1.6 +3.6
			16.1				
					−0.3		
PP40'	DC 0.9						+1.4
	20.9 SE	+0.7		−0.2	SE	−0.7	23.7
	DC 0.7						+2.3
"	20.7	"		+06	"		24.3
	DC 0.5						+0.9
"	20.5	"		−0.4	"		22.9
	−1.9						DC 1.5
"	14.9	"		−1.8	"		21.5
	−2.1						−1.5
"	15.2	"		−1.0	"		14.3
	−2.3						+1.7
"	15.5	"		−0.5	"		23.7
		"			"		

On 7th Poplar - E of Sta 501

Continued From Pg 41

		1356.03			
366+25	7.2			47.8	47.7
PT+67.07	2.8			52.2	49.4
367	2.3			52.7	50.2
TP	0.13			1354.85	
+		1359.60	4.75		
PC+50.68	4.1			55.5	51.9
368	3.1			56.5	53.0
+50	3.4			56.2	53.5
369	4.5			55.1	53.5
+50	5.7			53.9	53.1
PT+76.32	6.1			53.6	52.9
370	6.8			52.8	52.8
+55	7.4			52.2	52.6
371	10.1			49.5	52.6
+80	10.7			48.9	53.4
372	9.3			50.3	53.7
+35	5.5			54.1	54.3
373	2.0			57.6	55.4
+20	1.0			58.6	55.7
TP	0.98			1358.62	
+		1365.95	7.33		
PC+33.	7.4			59.6	56.1
374	8.1			57.9	57.0
+50	8.2			57.7	57.9

	−1.9				DC 1.8
PP+01	14.7	SE+0.5	+0.1	SE−0.5	21.8
	+1.4				+2.3
RP40'	23.4		+2.8		24.3
	+1.9				+2.6
	23.9		+2.5		24.6
	+1.9				+3.8
	23.9		+3.6		25.8 ↑ P40
	+1.5				+1.9
	23.5	SE−0.5	+3.5	SE+0.5	26.4 "
	+0.8				+2.2
	22.8	"	+2.7	"	24.2 "
	+0.4				+1.3
	22.4	"	+1.6	"	23.3 "
		"	+0.8	"	
	DC 0.8				+1.4
	20.8	"	+0.6	"	23.4 "
			0.0		
	DC 0.7				DC 1.0
	20.7		−0.4		21.0
	−3.1				−3.9
Remove	16.7		−3.1		17.9
	−5.4				−5.2
	20.1		−4.5		19.8
	−3.6				−4.1
	17.4		−3.4		18.2
FFP 15"x24'	DC 1.7				DC 1.5
	21.7		−0.2		21.6
	+3.8				+0.5
	25.8		+2.2		22.5
			+2.9		FF P 15"x24
RP40'	+3.0				+1.3
	25.0	SE+0.4	+2.5	SE−0.4	23.3
	+0.7				+0.6
"	22.7	"	+0.9	"	22.6
	DC 1.0				+0.0
"	21.0	"	−0.2	"	22.0

		1365.93			
375	7.5			58.5	58.7
				1361.94	
BM	4.01	1366.00		1361.99	
+50	6.8			59.2	59.6
376	6.2			59.8	60.8
+50	6.3			59.7	62.2
377	3.2			62.8	63.8
PT +13.5	1.8			64.2	64.3
TP	1.82				
BM		1371.89	9.90	1361.99	
+45	5.8			66.1	65.1
378	2.8			69.1	67.0
+30	2.1			69.8	68.3
+64	2.8			69.1	69.7
379	0.9			71.0	71.2
TP	0.22			1371.67	
+		1382.97	11.30		
+40	10.5			72.5	72.9
380	9.1			73.9	75.5
+30	2.4			80.6	78.9
381	2.0			80.0	79.9
+65	2.0			81.0	81.7
TP	1.93			1381.04	
+		1386.04	5.00		

RP 40' DC 0.3 20.3 SE +0.4 −0.2 SE −0.1 +0.1 22.1

" DC 0.6 20.6 " −0.4 " +0.1 22.1

" DC 0.3 20.3 " −1.0 " DC 0.7 20.7

" −2.9 16.2 " −2.5 " DC 0.0 20.0

" " −1.0 " DC

" DC 1.9 21.9 " −0.1 " DC 1.6 21.6

On Hub at PT.

+0.9 22.9 +1.0 +0.4 22.4

+2.4 24.4 +2.1 +1.3 23.3

+2.0 24.0 +1.5 +0.4 22.4

+0.3 22.3 −0.6 −2.7 13.5

+1.3 23.3 −0.2 −2.9 16.4

DC 1.9 21.9 −1.4 −1.7 14.6

DC 1.5 21.5 −1.6 −2.3 15.5

+0.3 22.8 +1.7 +0.7 22.7

+0.2 22.2 +1.2 +0.7 22.7

DC 1.4 21.4 −0.7 +0.7 22.7

		1396.09			
382	2.3		83.7	82.1	
+30	2.0		84.0	82.0	
+55	3.4		82.6	81.7	
383	7.1		78.9	80.6	
+40	8.7		77.3	79.1	
+80	8.7		77.3	77.7	
384	7.8		79.2	77.0	
PC +10.2	7.7		78.3	76.6	
+50	10.0		76.0	75.0	
TP	12.02		1374.02		
+		1374.65	0.63		
385	2.1		72.6	73.0	
+25	3.6		71.1	72.0	
+75	3.8		70.9	70.0	
386	4.8		69.9	69.0	
+60	7.7		67.0	67.0	
387	9.9		64.8	65.9	
+40	12.6		62.1	65.0	
TP	12.46		1362.19		
+		1368.89	6.70		
388	5.0		63.9	64.2	
PT +16.45	5.3		63.6	64.1	
+50	6.3		62.6	64.0	
389	4.1		64.8	64.0	

RP 40'	+0.2		+1.6			+1.2	
	22.2					23.2	
	+1.0					+1.0	
	23.0		+2.0			23.6	
	+1.3					DC 1.7	
	23.3		+0.9			21.7	
	DC 1.1					-2.6	
	21.1		+1.6			15.9	
	-3.2					-2.3	
	16.8		-1.8			13.5	
	-2.7					+0.3	
	16.1		-0.4			22.3	
			+1.2				
PC	DC 1.9					+2.6	RP
	21.8	SE +0.2	+1.7		SE -0.2	24.0	40'
	DC 1.2					+3.0	
RP 40'	21.2	"	+1.0		"	25.0	
	-3.7					+3.4	
"	17.6	"	-0.4		"	25.4	
	-3.3					+2.2	
	17.0	"	-0.9		"	24.2	
	DC 1.7				"	+0.1	
	21.7	"	+0.9		"	22.1	
	DC 1.3					+1.5	
"	21.3	"	+0.9		"	23.5	
	-3.9					+1.0	
	17.9	"	0.0		"	23.0	RP 40
	-4.5					DC 1.6	
RP 40'	18.8	"	-1.1		"	21.6	
	-9.4					DC 1.5	
"	26.1	"	-2.9		"	21.0	
	-7.0					+5.7	
"	22.5	"	-0.3		"	27.7	
	-5.7					+6.0	
RP 40'	20.6	"	-0.5		"	28.0	
	-4.6					+3.4	
	18.9		-1.4			25.4	
	DC 0.8					+0.8	
	20.3		+0.8			22.8	

389+97 P 18"X40 CM

		1368.89			
+45	5.6			63.3	64.1
+80	9.1			59.8	64.4
390	9.2			59.7	64.6
+40	6.5			62.4	65.2
+93.2	2.5			66.4	
391	1.3			67.6	66.5
TP	1.18			1367.71	
+		1377.16	9.45		
+55	7.6			69.6	67.9
+85	8.2			69.0	68.6
392	7.4			69.8	69.0
+30	6.8			70.4	69.8
+75	7.2			70.0	70.6
393	5.8			71.4	71.5
+35	4.0			73.2	72.4
+90	3.9			73.3	73.5
BM	0.53			1376.63 1376.66	
BM		1366.74	10.53	1356.21	
324	9.4			57.3	57.3
325	7.0			59.7	60.7
Pc+46.26	5.3			61.4	62.2
326	3.0			63.7	64.0
+50	1.9			64.8	65.6

ΔC 1.8 21.8	-0.8	ΔC 0.8 20.8
-5.0 19.6	-4.6	-4.5 18.8
-6.3 21.5	-4.9	-3.5 17.3
-2.9 15.4	-2.8	ΔC 1.1 21.1
+2.7 24.7	+1.1	ΔC 1.6 21.6
+4.3 26.3	+1.7	+0.0 22.0
	+0.4	
+3.1 25.1	+0.8	ΔC 0.6 20.6
	+0.6	
+1.6 23.6	-0.6	ΔC 0.7 20.7
+1.4 23.4	-0.1	ΔC 1.0 21.0
+2.0 24.0	+0.8	ΔC 1.9 21.9
	-0.2	

On 5" Poplar N.W. of Sta 394

On Meander Corner (Iron Mon.) N of Sta 325

	-3.1 16.8		0.0		-2.8 16.2
	-1.7 13.8		-1.0		ΔC 0.4 20.4
RP 40'	ΔC 0.9 20.9	SE +0.7	-0.8	SE -0.7	ΔC 1.1 21.1
"	ΔC 0.8 20.8	"	-0.3	"	ΔC 0.1 20.1
"	+0.7 22.7	"	-0.8	"	ΔC 1.6 21.6