

Construction X-Section

PINE RIVER - LONGVILLE

STATE ROAD.

Job No. 2004.

-1921-

FIELD BOOK

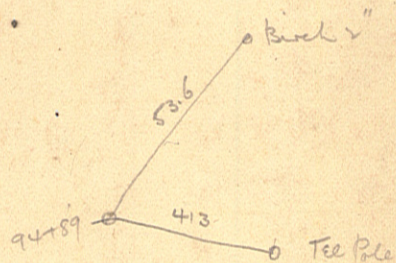
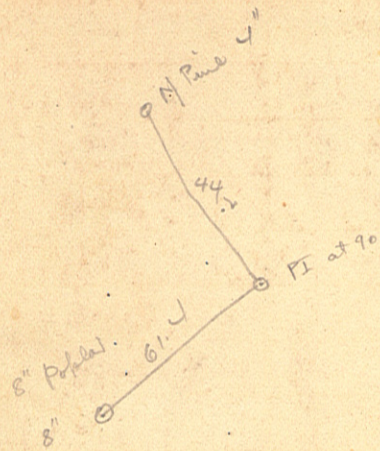
380

Sta. 1029 - North.

C. J. White,

Construction Engineer.

113



AREA'S

Cubic Yds.

Remarks

EXCAVATION

Embankment

Excav.

Embank.

628
128109

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
+75	35	93.6	-0.5	-1.2	-1.1	-0.2
1057	35	93.6	-3.0	-1.5	-1.6	D1.0
+25	37	93.4	-1.2	-2.8	-3.0	-2.9 -1.8 -1.0
+50	8.9	93.1	D1.9	-1.1	-2.3	-1.1
+75	9.3	92.7	D0.9	0	-0.4	-3.0
+95	9.8	92.2	20.9	+0.6	-1.6	-5.8
58+08 ² = 58+07.9 EC.	100	92.0	18.9	12.9	-0.6	8 25.8
+40	11.2	90.8	-1.2	-2.6	-3.3	-5.8 -6.8
1059	13.8	88.2	-6.6	-6.3	-4.4	n.g = 0.5 higher
+35	15.3	86.7	-11.4	-7.5	-7.0	-4.4
+65	12.8	85.2	-14.5	-9.5	-6.5	-4.4
1060	14.3	83.7	-12.1	-6.7	-5.1	-5.1
+40	4.5	82.0	-2.4	-1.9	0.0	2.0
+80		80.3	+16.8	+16.7	+16.7	+16.7
1061		79.4	+14.0	+15.7	+15.7	+15.7
+15		78.9	+7.7	+14.9	+14.7	+14.7
+40		78.0	+2.6	+5.0	+12.9	+12.9
+60	7.9	77.6	-4.7	-0.9	+2.3	+2.3
+80	8.1	77.4	-4.7	-2.7	-2.2	-0.1
1062	8.1	77.4	-2.5	0	+2.2	D0
+25	7.9	77.6	+3.2	+4.6	+4.3	+2.2 D0.6

AREA'S		Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.	
OG-OK		97		1397.12 T
" "		93.6		4.93
" "		3.0		1392.19 B.M.
" "		75.1		noted in B. Wood road
" "		9.9		
" "		65.2		92.14
" "		020		9.80
" "		93.1		1401.99 T
" "		8.9		11.33
" "		5.9		1390.66
" "		4.1		7.31 TP stake
" "		5.7		1397.97 T
" "		4.7		RT + 6.5
O.G. Broken on Rt.		2.9		12.84
O.G. Broken		0.2		1385.13 TP
" "		8.2		1.12
" "		13.8		1386.25 T
" "		6.1		11.88
" "		9.8		1374.37 TP
" "		0.68		0.68
" "		137.505 T		1375.05 T
" "		0.94		0.94
" "		1374.11 T		1374.11 T
" "		11.42		11.42
" "		1385.53 T		1385.53 T
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0		1.0
" "		0.0		0.0
" "		90.8		90.8
" "		11.2		11.2
" "		13.8		13.8
" "		6.1		6.1
" "		13.8		13.8
" "		9.2		9.2
" "		6.6		6.6
" "		2.9		2.9
" "		0.2		0.2
" "		92.7		92.7
" "		11.3		11.3
" "		10.4		10.4
" "		9.5		9.5
" "		0.2		0.2
" "		92.2		92.2
" "		9.8		9.8
" "		10.9		10.9
" "		9.2		9.2
" "		10.0		10.0
" "		1.0</		

SECTION.

2.77 2.0 94.7
 4.38 5.2 90.3 1.7 88.1 85.2
 80.0 4 4.4 1.5 85.6 79.1
 76.5 1.3 6.6 6.1

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S				Cubic Yds.	Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.		
+50	23	93.1	Do	+1.5	-1.4						1396.43 T
			18	14.3	00	21.4					0.85
+75	3.5	92.9	0/12 +6.0	-0.2	-0.6	-3.2	-7.2				1395.58 TP
			20.2	12	-2.3	10	27.2				9.52
1069	12.6	92.5		-1.7	-11.4						1405.10 T
				21.7	-7.0	31.4					12.38
+25	13.0	92.1		-5.0	-8.9						1392.72 TP
				25.0	-9.0	28.9					1.98
+50	13.7	91.4		-7.4	-8.3	-3.5					1394.70 T
				27.4	14	-6.7	23.5				0.83
+75	14.4	90.7		-4.4	-1.5	10.5	20				1393.87 TP
				24.4	-1.5	12.8	18				2.46
1070			0/12 +8.5								1396.33 T
			Do 18 +9.2								12.83
1070	5.0	89.7		+4.4	+6.1	+8.7	+8.8				1383.50 TP
				18.6		13	25.2				1.72
+25	6.0	88.7		+6.0	+8.6	+8.3	+7.9				1385.22 T
				21.0	12	23	23.9				0.21
+50	7.2	87.5		+5.6	+4.6	+2.8					Sp in road
				20.4		16.2					9.29
+75	8.5	86.2	0/12 +7.4	-0.5	-0.4	-4.6					R.F.C.
			20.5	12	-1.1	24.6					1385.01
1071	9.7	85.0		-8.9	-8.5	-7.8					0.71
				28.9		27.8					1385.72 T
+25	12.6	83.7		-11.3	-11.1	-10.9	-8.8				
				31.3		14	28.8				
+50	13.8	82.5		-8.8	-8.7	-9.1					
				28.8		29.1					
+75	15.1	81.2		-6.9	-6.1	-6.8					
				26.9		26.8					
+88	15.8	80.5		-5.6	-5.7	-6.2					
				25.6		26.2					
1072	16.3	80.0		-2.4	-3.2	-5.2					
				22.4		25.2					
+27.7 = +26 = EC. 4'		78.6	0/18 +2.2	+3.0	-1.3	-3.1					
				16.5		23.1					
+70	9.2	76.5		+3.8	+0.9	-3.7					
				17.7		23.7					
1073	10.7	75.0		+3.2	+3.0	-0.4	-2.2				Cut widened
				16.8	5	+2.3	12				25.2 3' back
+20	11.7	74.0	0/21 +1.0	-0.1	+0.3	-2.4					
				23.1	12.5	00	25.4				(11)

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S	Cubic Yds.		Remarks
			LEFT	C.	RIGHT		EXCAVATION	Embankment	
									1385.72 X
+70	14.2	71.5	-5.6 28.6	-8.9 6	-9.4 -9.8 (cut widened 3' both sides)			55.7 71.5	12.31 1373.41 TP
1074	15.7	70.0	-4.0 27.0	-4.6 26.4	-3.4 (11)			53 59	0.72 1374.13 X
+20	5.1	69.0	-3.5 26.5	-4.4 10	-3.1 -0.9 (11)			14.3 81	11.77 1362.36 TP
+55	6.9	67.2	-3.1 26.1	-3.5 18	-1.8 (11)			56 56	0.23 1362.59 X
+65		66.7	Do 21	+73 13	00 00	Do 21	+86 86	12.9 12.9	12.70 1349.89 TP
1075	9.1	65.0	+8.2 25.3	+7.2 13	+4.8 20.2 (2' R.B.)	(staked for 10% shrinkage)		7.3 3.0	1351.55 X
+35		63.2	+10.1 28.2	+9.2 13	+9.4 21.9 (2' R.B.)			7.4 6.9	Figure in circle closed in circle
+75		61.2	+15.8 39.1	+13.6 13	+14.9 29.8 (11)			7.0 5.0	are as staked
1076		60.0	+17.5 42.0	+14.4 13	+13.3 29.2 (11)			6.5 9.1	marked in field and up- ment +10%
+25	3.9	58.7	+16.0 39.4	+15.3 36	+14.0 34.0 (11)			7.6 7.4	
1077	7.0	55.0	Do 18	+80 22.0	0 12	Do 18	+85 24 R.B.	8.2 8.2	3.9 58.7
+60		52.0	-1.4 21.4	-1.0 14	-2.3 17	-2.1 22.1		13.3 13.3	51.6 45.5
1078	12.6	50.0	-4.1 24.1	-4.3 11	-3.4 21.1	-1.1 21.1		10.0 10.0	61 61
+21		49.0	Do 18	+27 12	00 12	Do 18	+22 18	5.4 5.4	13.3 13.3
+55	4.0	47.6	+10.2 28.3	+9.3 13	+8.6 30.7 (2' R.B.)	+10.8 10% S.		13.3 13.3	98 98
1079	5.2	46.4	+7.5 25.3	+12.2 13	+11.8 37.8 (11)	+16.5 37.8		13.3 13.3	Fig in circles are as marked + self in field + are for +10% shrinkage
+25	5.7	45.9	+7.3 25.0	+8.0 13	+11.4 30.1 (11)	+15.4 36.1		13.3 13.3	
+70	6.1	45.5	+10.2 29.8	+11.2 13	+10.4 39.9 (11)	+17.9 39.9		13.3 13.3	
1080	6.1	45.5	+6.8 24.3	+7.1 13	+10.6 30.4 (11)	+11.6 30.4		13.3 13.3	
+50	5.9	45.8	-3.0 23.0	-3.7 10	-2.0 12	-0.5 18.5	Do 18	13.4 13.4	

500
468
1.2 1.0
 180 741
16 664
72
 721
618
 27
 27
 7.7

2.3
417
44.0

SECTION.

1.5
6.0
4.5
1.5
7.5
2.25
1.5
26.8
46.8
3.5
7.5
47.0
46.5
4.7
1.5
1.8

67.5
1.5
46.2
46.8
46.6

47.0 10

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
										1351.55 π
+70	57	45.9	-4.5	-2.6	-0.6					0.98
			24.5		20.6					1350.57 BM
1081	56	46.0	-4.3	-4.1	-2.6					= 1350.55 π Pop
			24.3		22.6					0.95 R+7744
+35	13.7	46.2	-9.1	-9.5	-8.8 -5.1					1351.253
			29.1		9 25.1					0.30
+70	13.5	46.4	-9.9	-9.9	-4.8					1351.23 TP
			29.9		24.8					8.70
1082	13.4	46.5	-6.9	-6.6	-3.3					1359.93 π
			26.9		23.3					11.45
+25	12.2	46.65	-4.7	-3.7	-1.1					1348.88 TP
			24.7		21.1					2.26
+50	13.1	46.8	-4.7	-4.9	-5.5					1351.14 π
			24.7		25.5					10.19
+75	12.0	46.9	-9.5	-8.6	-6.1					1340.95 BM
			29.5		26.1					4.93 Sp in 8"
1083	13.1	46.8	-12.0	-7.5	-3.6					π 1345.88
			32.0		23.6					1.88 Pop R+EC
+25	13.3	46.6	-10.2	-6.3	-2.5					1344.00 TP
			30.2		22.5					7.94
+50	13.7	46.2	-7.0	-5.3	-2.7					1351.94 π
			27.0		22.7					
+75	14.0	45.9	-4.4	-3.0	-0.7					
			24.4		20.7					
1084	14.6	45.5	-3.1	-0.6	+3.4					
			23.1		17.1					
+15	0.6	45.3	+0.4	+1.3	+3.9					
			19.8		17.9					
+40	1.0	44.9	+2.2	+1.4	+2.3					
			15.3		15.5					
+85	1.7	44.2	+12.2	+10.2	+13.4					
			30.3		32.1					
1085	1.9	44.0	+10.9	+10.1	+13.0					
			28.4		31.5					
+25	2.3	43.6	+7.3	+5.7	+9.6					
			16.7		26.4					
+50	2.7	43.2	-2.7	+1.7	+6.2					
			22.7		21.3					
+75	3.0	42.9	-5.0	-0.6	+1.0					
			25.0		13.5					
1086	9.7	42.5	-6.7	-3.8	+1.4					
			26.7		19.4					

(stones set out an extra 2')

(stones set out 1' extra on R+)

+10 30

18+35

12+45

18+30

12+80

SECTION.

44

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
			-6.5	-4.2	-2.5	76		51.9		1351.94 T
+25	9.8	42.1	26.5		22.5	38		42.1		11.07
+50	10.2	41.7	-8.3	-5.9	-5.6	11.4		9.8		1340.87 TP
			28.3		25.6	12				1.35
1087	10.9	41.0	-2.3	-1.9	-1.9	10.2		42.2		1342.22 T
			22.3		22.0	6		37.1		12.65
+50	12.1	39.8	-1.8	-5.2	-6.0	51.9		14.88		1329.57 TP
			21.8		26.0	39.8				9.80
+75	12.7	39.2	20.4	-0.8	-9.8	12.1				1339.37 T
			18.4	12	29.8	5.1				0.91
1088	13.4	38.5	22.0	-5.4	-12.5	26	51.9	10.2		1338.46 TP
			20.0		23	15	39.2	19	9.6	4.53
			-0.1	-0.7	-11.6	12.8	12.7	8.3	4.8	1342.99 T
+30	14.2	37.7	20.1	12	31.6	7.6	6.7		14.4	3.8
+55	5.1	37.1	21.6	0	-7.4	7.4	3.4		12	1.9
			19.6	12	27.4	5.7	10.1		26.4	7.8
+80	5.7	36.5	18+6.5	+4.7	+1.7	11.7	14.3	8.6	5.7	3.8
			19.1	7.5.6	14.6	2.6	20.0	2.3	5.7	10.0
1089	3.4	36.0	net out	+10.2	+10.5	11.4	10.4	39.4	11.5	6.6
			1.5 extra	27.3	9	11.4	5.7	11.5	11.3	6.9
				27.3	20.7	11.4	4.7	36.0	2.7	3.3
+50	4.7	34.7	net out	+9.6	+8.1	24.2	2.4	7.3	4.7	3.1
			1 extra	26.4	24.2	24.2	2.4	3.4	5.6	1.6
+75	5.3	34.1	net out	+8.6	+8.3	13.4	3.4	39.4	3.3	5.4
			1 extra	24.9	17.0	10.9	3.4	3.7	2.0	2.7
1090 PVC	5.9	33.5	net out	+8.1	-6.2	12.0	3.4	3.7	5.9	8.1
			1 extra	24.2	26.2	8.6	4.7	11.3	1.4	9.4
				17		14.1				6.9
+20	6.4	33.0		+7.6	-7.5	12.9	9.3	14.0	2.0	2.5
				23.4	27.5	12.9	7.6	8.1	13.9	10
+50	6.9	32.5		+7.4	+3.0	13.9	13.5	2.0	13.7	9.6
				23.1	16.5	13.9	13.5	8.1	7.7	9.0
1091	7.6	31.8		+6.7	+6.2	3.4	3.4	3.4	8.6	4.1
				22.1	21.3	3.4	3.4	3.4	8.6	4.1
+30	7.8	31.6		+6.4	+5.4	7.6	6.9	3.4	12.8	14.1
				21.6	20.1	7.6	6.9	3.4	12.8	6.9
+55	7.8	31.6		+6.4	+3.8	1.8	3.5	5.8	4.7	7.2
				19.8	17.7	1.8	3.5	5.8	4.7	3.7
+75	7.9	31.5		-3.9	-1.2	2.5	2.5	3.9	8.1	11.1
				23.9	12	2.5	2.5	3.9	8.1	11.1
1092 PVC	7.9	31.5		-5.4	-4.7	2.5	4.7	16.4	8.4	32.5
				25.4	24.7	2.5	4.7	16.4	8.4	31.0
+25	11.3	31.7		-4.3	-13.7	0.2	1.6	33.5	1.2	2.3.1
				24.3	33.7	0.2	1.6	33.5	1.2	2.3.1

$$\begin{array}{r} 7.0 \\ 37.64900 \end{array}$$

$$\begin{array}{r} 1.3 \\ 41.1 \end{array}$$

$$\begin{array}{r} 2.8 \\ 43.9 \end{array}$$

$$\begin{array}{r} 1.5 \\ 45.4 \end{array}$$

$$\begin{array}{r} 1.2 \\ 46.6 \end{array}$$

$$\begin{array}{r} 1.5 \\ 48.1 \end{array}$$

$$\begin{array}{r} 1.7 \\ 49.8 \end{array}$$

$$\begin{array}{r} 1.5 \\ 51.3 \end{array}$$

$$\begin{array}{r} 1.7 \\ 53.0 \end{array}$$

$$\begin{array}{r} 1.5 \\ 54.5 \end{array}$$

$$\begin{array}{r} 1.7 \\ 56.2 \end{array}$$

$$\begin{array}{r} 1.5 \\ 57.7 \end{array}$$

$$\begin{array}{r} 1.7 \\ 59.4 \end{array}$$

$$\begin{array}{r} 1.5 \\ 60.9 \end{array}$$

$$\begin{array}{r} 1.7 \\ 62.6 \end{array}$$

$$\begin{array}{r} 1.5 \\ 64.1 \end{array}$$

$$\begin{array}{r} 1.7 \\ 65.8 \end{array}$$

$$\begin{array}{r} 1.5 \\ 67.3 \end{array}$$

$$\begin{array}{r} 1.7 \\ 69.0 \end{array}$$

$$\begin{array}{r} 1.5 \\ 70.5 \end{array}$$

$$\begin{array}{r} 1.7 \\ 72.2 \end{array}$$

$$\begin{array}{r} 1.5 \\ 73.7 \end{array}$$

$$\begin{array}{r} 1.7 \\ 75.4 \end{array}$$

$$\begin{array}{r} 1.5 \\ 76.9 \end{array}$$

$$\begin{array}{r} 1.7 \\ 78.6 \end{array}$$

$$\begin{array}{r} 1.5 \\ 80.1 \end{array}$$

$$\begin{array}{r} 1.7 \\ 81.8 \end{array}$$

$$\begin{array}{r} 1.5 \\ 83.3 \end{array}$$

$$\begin{array}{r} 1.7 \\ 85.0 \end{array}$$

$$\begin{array}{r} 1.5 \\ 86.5 \end{array}$$

$$\begin{array}{r} 1.7 \\ 88.2 \end{array}$$

$$\begin{array}{r} 1.5 \\ 89.7 \end{array}$$

$$\begin{array}{r} 1.7 \\ 91.4 \end{array}$$

$$\begin{array}{r} 1.5 \\ 92.9 \end{array}$$

$$\begin{array}{r} 1.7 \\ 94.6 \end{array}$$

$$\begin{array}{r} 1.5 \\ 96.1 \end{array}$$

$$\begin{array}{r} 1.7 \\ 97.8 \end{array}$$

$$\begin{array}{r} 1.5 \\ 99.3 \end{array}$$

M = 0.75

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
+50	11.0	32.0 ✓	-1.7 21.7	-6.0	-13.2 33.2					1342.99 T
+75	10.6	32.4	+2.0 15.0	0 7.4	-2.0 26.4					12.19 1330.80 TP 4.63
1093	25	32.9 ✓	+7.6 23.4	+6.9	+4.7 19.1					1333.25 TP 12.05
+25	19	33.5	+8.5 24.8	+8.5	+9.5 24.8					1345.30 T 1.65
+50	1.2	34.2	+8.9 25.4	+8.3	+7.9 23.9					1343.65 TP 4.66
1094		36.0	+4.1 18.2	+3.2	+2.2 15.3					1347.93 B.M. on
1095	5.3	40.0 ✓	+1.7 14.6	+1.7	+1.3 13					1347.95 Norway
+25	4.3	41.0	+2.0 2.0	00	-5.0 29.0					1347.95 Norway
+50	3.3	42.0	-1.0 21.0	-1.5	-9.9 33.9					1347.95 Norway
+75	2.3	43.0	-0.2 18.9	-1.4	-12.9 36.9					2.6 = a 5.2 fill.
1096	4.3	44.0 ✓	+2.5 18.4	+1.7 16	-1.4 34.5					1347.95 Norway
+25	3.7	45.0 ✓	+1.3 16	+0.2 14.0	+1.5 6					1347.95 Norway
+50	2.3	46.0 ✓	+2.8 16.2	+3.3	+4.2 18.3					1347.95 Norway
+75	1.3	47.0	+4.2 18.3	+4.4 13	+6.3 9					1347.95 Norway
1097	0.3	48.0 ✓	+4.8 19.2	+7.8	+7.7 23.6					1347.95 Norway
+19.7	3.9	48.7	+1.7 19.3	+6.7	+8.2 24.9					1347.95 Norway
+25	3.7	48.9	-2.2 17.1	+1.3	+7.1 23.8					1354.65
+75	3.0	49.6	+0.6 19.7	+0.6	+4.2 18.3					1351.52 TP
+75	2.1	50.2	-1.0 20.4	+0.9	+0.9 13.4					8.80
1098		50.5	-3.0 23.0	-0.9	-1.0 14.0					1360.32
+25	9.6	50.7								

Handwritten calculations and notes at the top of the page, including area and volume computations.

Cut widened 4' on Rt.

Cut widened 4' on Rt.

11.5

11.7

X

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
+50	9.6	50.7	-4.1	-4.0	-5.5	
+75	9.8	50.5	24.4	-6.1	-7.6	
1099	10.1	50.2	4.4	27.6	-6.5 -7.5 -8.2	
+25	10.7	49.6	26.5	28.2	-8.5 -7.7 -7.3	
+50	11.4	48.9	28.5	27.3	-5.0 -3.4 -3.8	
+75	12.3	48.0	25.0	22.8	-0.7 -1.0 -0.9	
1100	FVC 2.4	46.8	20.7	20.9	-1.6 0.0 +1.2 DC-1.8	
+30	4.2	45.0	21.6	13.8	19.8	
+78	6.3	42.9	1.8	13.8		
1101	7.2	42.0	3.0	6.0		
+50	9.3	39.9	4.0	5.0		
+75	10.2	39.0	3.3	3.2		
1102	10.8	38.4	2.2	3.2		
+25	11.4	37.8	0.6	0.8		
+50	11.8	37.5	20.0	1.1		
1103	9.0	36.1	3.1	2.4	3.0	
+50	7.8	37.3	7.9	4.3	5.1	
1104	7.0	38.1	23.9	19.7		
+40	6.1	39.0	0.0	-2.3	+3.0	
1105	4.8	40.3	12.0	13.0		
+50	3.7	41.4	-4.7	-5.0	-4.5	
1106	2.6	42.5	24.7	24.5		
+41.9 p.m.			DC 1.0	+1.2	+1.1	+1.3
+81.9 old	+8.3	43.4	19.0	13.8	14.0	DC 0.9
+50	8.0	43.7	4.8	5.2	4.4	
1107	7.2	44.5	19.2	18.6		
+50	6.4	45.3	+5.9	+5.4	+3.4	
			20.9	17.1		
			+3.3	+1.1	-0.3	
			17.0	-0.7	-1.5	
			27.3	-2.5	-2.4	
			22.3	20.4		
			-5.3	-1.9	+0.3	
			25.3	12.5	18.1	

60.3
 2.6
 50.0
 2.8
 7.6
 7.0

AREA'S		Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.	
				13.60-32 A
				12.00
				1348.32 TP
				0.88
				1349.20 A
				11.75
				1337.45 TP
				7.63
				1345.08 A
				0.73
				1344.35 TP
				7.33
				1351.68 A
				AR106+
				53
				47.95
				31.5
				55.10
				8.80
				46.30
				5.58
				51.88
				13.40
				28.69
				9.20
				47.88

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
1108		45.5				
+06.9 EC	6.3	45.4	$\begin{smallmatrix} -5.1 \\ 25.1 \end{smallmatrix}$	-1.7	$\begin{smallmatrix} +1.4 \\ 14.1 \end{smallmatrix}$	DC 00 18.0
+50	6.5	45.2	$\begin{smallmatrix} -2.1 \\ 22.1 \end{smallmatrix}$	+0.1	$\begin{smallmatrix} +1.3 \\ 14.0 \end{smallmatrix}$	DC 0.1 12.7
1109	7.4	44.3	$\begin{smallmatrix} -3.9 \\ 23.9 \end{smallmatrix}$	-1.5	$\begin{smallmatrix} 0.0 \\ 12.0 \end{smallmatrix}$	DC 1.0 14.0
+50	8.7	43.0	$\begin{smallmatrix} -0.0 \\ 20.4 \end{smallmatrix}$	+0.7	$\begin{smallmatrix} +1.8 \\ 14.7 \end{smallmatrix}$	
+88.4 EC	7.1	42.4	$\begin{smallmatrix} +6.2 \\ 21.2 \end{smallmatrix}$	+4.4	$\begin{smallmatrix} +3.6 \\ 17.4 \end{smallmatrix}$	
1110	7.3	42.2	$\begin{smallmatrix} +6.0 \\ 21.0 \end{smallmatrix}$	+4.7	$\begin{smallmatrix} +3.8 \\ 17.7 \end{smallmatrix}$	
+50	7.6	41.9	$\begin{smallmatrix} +2.1 \\ 15.2 \end{smallmatrix}$	+2.2	$\begin{smallmatrix} +2.2 \\ 15.3 \end{smallmatrix}$	
1111	7.4	42.1	$\begin{smallmatrix} -0.3 \\ 19.3 \end{smallmatrix}$	+1.2	$\begin{smallmatrix} +0.7 \\ 14.1 \end{smallmatrix}$	DC 0.0 18.0
+50	7.2	42.3	$\begin{smallmatrix} -0.8 \\ 20.7 \end{smallmatrix}$	-0.7	$\begin{smallmatrix} 0.0 \\ 20.0 \end{smallmatrix}$	
1112	7.0	42.5	$\begin{smallmatrix} -3.0 \\ 23.0 \end{smallmatrix}$	-1.8	$\begin{smallmatrix} -0.2 \\ 20.2 \end{smallmatrix}$	
+50	6.8	42.7	$\begin{smallmatrix} -3.6 \\ 23.6 \end{smallmatrix}$	-1.2	$\begin{smallmatrix} 0.0 \\ 12.0 \end{smallmatrix}$	DC 1.2 14.2
1113	7.0	42.5	$\begin{smallmatrix} -4.2 \\ 24.2 \end{smallmatrix}$	-1.6	$\begin{smallmatrix} 0.0 \\ 12.0 \end{smallmatrix}$	DC 1.7 14.7
+38.4 EC	7.1	42.4	$\begin{smallmatrix} -3.6 \\ 23.6 \end{smallmatrix}$	-1.4	$\begin{smallmatrix} 0.0 \\ 14.5 \end{smallmatrix}$	DC 1.5 19.5
+50		41.9				
1114	7.9	41.6	$\begin{smallmatrix} -1.6 \\ 21.6 \end{smallmatrix}$	+1.0	$\begin{smallmatrix} +2.0 \\ 15.0 \end{smallmatrix}$	
+19.5	8.2	41.3	$\begin{smallmatrix} -1.0 \\ 21.0 \end{smallmatrix}$	+0.6	$\begin{smallmatrix} +2.0 \\ 15.0 \end{smallmatrix}$	
+50	8.5	41.0	$\begin{smallmatrix} -0.6 \\ 20.6 \end{smallmatrix}$	+0.8	$\begin{smallmatrix} +2.2 \\ 15.2 \end{smallmatrix}$	
1115	8.8	40.7	$\begin{smallmatrix} -0.1 \\ 19.3 \end{smallmatrix}$	+1.4	$\begin{smallmatrix} +1.7 \\ 14.7 \end{smallmatrix}$	+3.0 16.5
+50	4.2	40.5	$\begin{smallmatrix} +2.8 \\ 16.2 \end{smallmatrix}$	+2.3	$\begin{smallmatrix} +3.6 \\ 17.4 \end{smallmatrix}$	
1116	4.2	40.5	$\begin{smallmatrix} -0.1 \\ 19.0 \end{smallmatrix}$	+1.0	$\begin{smallmatrix} +1.4 \\ 14.7 \end{smallmatrix}$	DC 0.7 18.7
+50	4.1	40.6	$\begin{smallmatrix} -0.9 \\ 20.9 \end{smallmatrix}$	0.0	$\begin{smallmatrix} +0.4 \\ 12.4 \end{smallmatrix}$	+0.8 18.8
+87.6	4.1	40.6	$\begin{smallmatrix} -1.3 \\ 21.3 \end{smallmatrix}$	-0.1	$\begin{smallmatrix} +0.8 \\ 13.7 \end{smallmatrix}$	DC 1.9 18.9
1117	4.1	40.6	$\begin{smallmatrix} -1.9 \\ 21.9 \end{smallmatrix}$	0.0	$\begin{smallmatrix} +0.4 \\ 12.4 \end{smallmatrix}$	

grade -
20 ft
DC 20 ft
13.8
12.0
13.8
12.0
14.7
17.4
17.7
15.3
14.1
18.0
20.0
20.2
14.2
14.7
19.5
15.0
15.2
15.2
14.7
14.7
14.7
14.7
18.7
18.8
12.4
18.8

17.7
2.2
38.7

24

AREA'S

Cubic Yds.

Remarks

EXCAVATION	Embankment	Excav.	Embank.	Remarks
				1351.68 π
				10.27
				1341.41 π
				8.10
				1349.51 π
				9.94
				1339.57 π
				1339.55 T.P.
				5.11
				1344.66 π
				12.1
				47.88
				4.78
				E 4360
				5.17
				48.77
				4.50
				44.27
				3.68
				47.95
				5.30
				42.65
				2.92
				45.57
1110+00 cul - E1	1337.2	15" x 40.0 CM -		
	44.5			
	40.7			
	8.8			
	44.5			
	40.7			
	8.8			
	33			
	27			
	4.5			
	3.9			
	4.5			
	4.5			
1115+50 cul E1	1336.5			

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.				
			LEFT	C.	RIGHT		
1118	4.0	40.6 40.7 ✓		-0.4	+1.0	+2.0	
1119	3.9	40.5 40.8 ✓		20.4		15.0	
1120	3.8	40.6 40.9 ✓		DC 1.9	+0.5	+1.5	+2.7
1121	7.0	40.8 41.0 ✓		19.9	12.8	16.1	
1122	6.6	41.0 41.3 ✓		DC 0.2	+1.8	+1.2	+2.0
1123	6.2	41.8 41.8 ✓		18.2	14.7	15.0	
1124	5.8	42.3 42.7 ✓		DC 1.3	+1.0	+1.5	+1.3
1125	4.5	43.5 44.3 ✓		14.3	13.5	14.0	18.8
1126	3.1	44.9 45.5 ✓		-1.2	-1.2	-0.6	
+50	7.8	45.5 45.8 ✓		21.2		20.6	
1127	7.5	45.8 46.1 ✓		-1.8	-0.9	-0.4	
+50	7.2	46.1 46.0 ✓		21.8		20.2	
1128	7.3	46.0 45.9 ✓		+2.8	+4.0	+3.5	
1129	6.8	45.8 45.4 ✓		16.2		17.8	
1130	7.0	45.6 45.0 ✓		+2.0	+2.5	+3.0	
1131	7.7	45.4 45.4 ✓		15.0		16.5	
+50	7.3	45.3 44.8 ✓		DC 1.0	+1.7	+1.8	+1.8
1132	7.4	44.8 44.6 ✓		18.2	14.6	14.7	18.1
+50	7.5	44.6 44.4 ✓		DC 1.3	+0.8	+0.4	+0.5
+78.8	7.6	44.4 45.0 ✓		14.3	13.2	12.8	19.3
1133	7.0	45.0 44.3 ✓		-1.5	-2.4	-2.0	
		45.0 45.0 ✓		21.5		22.0	
		44.3 45.0 ✓		-1.9	-2.2	-2.7	
		45.0 45.0 ✓		21.9		22.7	
		45.0 45.0 ✓		-2.4	-2.2	-2.6	
		45.0 45.0 ✓		22.4		22.6	
		45.0 45.0 ✓		DC 1.2	+0.4	-0.2	-1.1
		45.0 45.0 ✓		19.2	12.6	21.1	
		45.0 45.0 ✓		+2.6	+1.5	+1.4	DC 1.5
		45.0 45.0 ✓		15.9		14.1	19.5
		45.0 45.0 ✓		+3.2	+3.2	+1.9	DC 0.3
		45.0 45.0 ✓		16.8		14.9	18.3
		45.0 45.0 ✓		+2.2	+2.2	+1.9	DC 0.2
		45.0 45.0 ✓		16.1		14.9	18.2
		45.0 45.0 ✓		+2.0	+2.6	+1.9	DC 0.0
		45.0 45.0 ✓		15.0		14.9	18.0
		45.0 45.0 ✓		+2.8	+2.3	+2.1	
		45.0 45.0 ✓		16.2		15.2	
		45.0 45.0 ✓		+2.5	+2.5	+2.0	
		45.0 45.0 ✓		15.8		15.0	
		45.0 45.0 ✓		+2.6	+2.2	+1.9	DC 0.3
		45.0 45.0 ✓		15.9		14.9	18.3

EXCAVATION	Embankment	Excav.	Embank.	Remarks
45		44.7 40.7 4.0		1344.66 T 4.73 1339.93 T.P. 8.08 1348.01 T 4.28 1343.73 T.P. 9.60 1353.33 T 3.39 1127+75 1349.94 B.M.
73 67 61		50.06 1349.95 .12		
51.6 67				
50.3 44 69	66	45.57 5.03 40.54 8.85 48.79 3.85 44.94 6.34 51.28		1350.06 B.M. 2.52 1352.58 T 9.78 1342.80 T.P. 9.21 1352.01 T
C.G. Broken 6/2				

17.3
16.2
33.5

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S	Cubic Yds.		Remarks
			LEFT	C.	RIGHT		EXCAVATION	Embankment	
1134	6.8	(44.8) 45.2 ✓	+2.2	+1.7	+1.2	DC 1.1	28	52.0	1352.01 K
1135	6.6	(45.6) 45.4 ✓	15.3		13.8	19.1	45.2 1.7 43.5	45.2 3.4 = 8	4.03 1347.98 K
1136	5.4	(46.4) 46.6 ✓	14.1		21.4	DC 0.1 18.5	51.3 6.7 44.6	52.0 46.6 5.4	8.96 1356.12 K
1137	BVC 4.3	(46.9) 47.7 ✓	DC 0.2 +1.4 18.2	+1.3	-1.9		43 7.0 36	48.7 4.7 1.75	11.44 1344.70 K
+50	4.0	(48.0) 47.0 ✓	+1.8	+0.1	-3.3		95 11 71	54.8 49.9	1.10 1345.80 K
1138	3.9	(47.0) 48.1 ✓	14.7		23.2		39.7 -7.2 32.5	6.2	1.91 1344.06 BM
1139	8.2	(47.0) 47.9 ✓	+2.2	+0.8	-2.8		15.3 22.8	1.9	1.74 1344.02 BM
1140	8.4	(47.0) 47.7 ✓	+2.0	+1.3	0.0	DC 3.2	15.0 12.0	BM - 1146+00 1.142	1.568 1.74 1345.76 K
1141	8.6	(47.0) 47.5 ✓	DC 0.2 +1.1 18.2	+0.9	-2.4		15.0 22.4	36 36 1.50	1.74 1.82 1.278
+38.0	8.7	(47.4) 47.4 ✓	+2.3	+1.2	-1.7		15.5 21.7	60 48 12	47.9 3.3 1.278
+50	8.7	(46.7) 47.4 ✓	+2.2	+0.9	-3.0		15.3 23.0	36 25 61	41.5 44.5 1.278
1142	8.8	(46.7) 47.3 ✓	+2.5	+1.7	-2.9		15.8 23.9	42 46.6 5.1	38.4 30.0 1.278
+50	8.9	(46.9) 47.2 ✓	+2.3	+0.8	-4.6		15.3 24.6	51.3 46.6 4.7	30.0 30.0 1.278
1143	9.0	(46.0) 47.1 ✓	DC 0.1 +1.0 18.4	-0.5	-5.8		13.5 25.8	BM 46+00 1344.02	1.74 1.74 1.278
+50	9.7	(45.5) 46.4 ✓	+2.6	+1.2	-4.8		15.4 24.8	51.4 44.5 68	39.7 37.9 1.278
1144	10.6	(45.0) 45.5 ✓	+3.0	+0.8	-5.5		16.5 25.5	51.4 39.1	5.4 39.7 1.278
+50	1.3	(43.5) 43.5 ✓	+1.0	-0.2	-6.3		13.5 26.3	2.2 5.5	41.8 45 1.278
1145	2.7	(42.4) 43.1 ✓	DC 1.1 +1.6 19.1	-0.9	-5.2		15.2 25.2	51.4 39.1	5.4 43.1 1.278
+50	4.3	(39.8) 39.7 ✓	DC 1.0 +1.2 19.0	+0.7	-7.1		13.8 27.1	4.5 2.1 2.8	27.1 8.3 1.278
1146	11.7	(39.8) 39.7 ✓	+3.5	+3.9	+1.1	DC 3.7	13.6 27.7	51.4 39.1	5.4 43.1 1.278
+12	1	39.3	+6.0	+5.3	+3.1		21.0 16.6	13.7 17.7 11.6	14.8 11.7 2.1
+50	13.3	38.1	+5.9	+6.0	+5.8		21.8 20.7		

49.53
58.2
44.0151.2
46.9
4.4
9.5
9.7

EXCAVATION

Embankment

Excav. Embank.

1352.01 K

1347.98 K

1356.12 K

1344.70 K

1345.80 K

1344.06 BM

1344.02 BM

1345.76 K

BM 1344.02

1351.37 K

1344.02

1345.76

1345.76

1345.76

37.6

SECTION.

Fill = +

STA.	ELEVA.	GRADE	CUT OR FILL. †		
			LEFT	C.	RIGHT
(47)		38.4 ✓			
1147+12	13.8	37.6	+2.5 15.7	+3.7	+3.6 18.4
+50	13.7	37.7	-1.5	+0.3	+0.4 12.6
1148	Exc 12.0	38.5	-2.1 22.1	-0.4	+1.0 13.5
+50	11.7	39.7	+4.7 19.1	+5.7	+7.6 25.4
1149	10.4	41.0	+4.6 18.9	+8.4	+8.5 24.8
1150	7.9	43.5	-1.3 21.3	-1.3	DC 11.7 19.7
1151	9.3	46.0 ✓	-2.5 22.5	-1.0	DC 6.0 7.8
+50	8.1	47.2	-2.4 22.2	-2.5	+2.8 22.8
1152	Brc 6.8	48.5	DC 15 19.5	+0.7	-0.0 13.1
+50	5.9	49.4	DC 0.3 18.3	+0.4	-0.2 14.0
1153	5.6	49.7 ✓	DC 1.8 19.8	+0.3	0.6 17.0
+50	6.0	49.3	-0.8 20.3	-1.5	-2.0 22.1
1154	Exc 7.0	48.3 ✓	-1.9 21.8	-3.7	-4.0 21.4
+40	8.1	47.2	-4.6 24.0	-4.7	-1.1 21.1
1155	Brc 6.8	45.6 ✓	-2.6 21.6	+1.4	+3.2 16.8
+50	7.8	44.6	+3.4 16.5	+3.5	+4.0 1.8
1156	8.5	45.0 ✓	+3.7 17.6	+2.8	+1.0 13.5
+50	8.5	42.9	+4.0 18.9	+2.0	-0.2 13.3
1157	Exc 8.2	44.7 ✓	+6.6 21.4	+1.0	+0.0 14.0
1158	Exc 8.3	45.5 ✓	+3.6 16.8	-0.2	-1.9 21.9
+70	7.4	46.4	+3.9 17.8	+3.7	+2.4 16.5.6

116
 37.6
 37.7
 38.5
 39.7
 41.0
 43.5
 45.8
 46.0
 47.2
 48.5
 49.4
 49.7
 49.3
 48.3
 49.7
 47.2
 45.6
 44.6
 45.0
 43.9
 42.9
 44.7
 45.5
 46.4

AREA'S		Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.	
	136 5.5			1351.37 A
	17.5 18.1 11.7 7.6	38.5 32.5 6.0 4.8		426 1347.11 TP
		39.5 4.8		8.22
		12.0 11.0		1355.33 A
	57.4 37.6 13.8	7.5 15.0		7.63 1347.70 TP
		37.5 33.75		4.73
	51.4 38.5 12.9	13.7 7.5 13.8		1357.43 A
		95.36 5.9		2106
		16.3 11.6 4.7		1350.37 TP
	14.3 12.2	13.2 2.5		3.46 1353.83
	13.8 44.2 9.6 1.3	12.8 11.7 11.0 1.4		49.53 5.87 43.66 2.23 50.89
	1.3 1.3 3.25	46.0 48.3 1.3		
	44.2 40.2 16	16.3 15.0 1.3		
	53.4 45.1 8.3	53.5 48.3 5.2		
		1.3 1.3 1.3		

1150
 1151
 1152
 1153
 1154
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 1156
 1157
 1158

1150
 1151
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1150
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1150
 1151
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 1155
 1156
 1157
 1158

SECTION.

6.4
3.7
2.7

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
1159	7.0	47.0 ✓ 46.8	-1.0 21.0	-0.5	DC 1.1 19.1	14.6 1.1 13.5	53.8 47.9 5.9	53.8 46.8 7.0	13.4 36.5 4.9	1353.83 486 1348.97 2.76 1351.73 12.39 1339.34 4.03 1343.37
+50	Brc 6.4	47.4	-1.8 21.8	-2.7	-1.0 21.0					
1160	5.9	47.9 ✓ 47.9	+3.2 16.8	+0.4	0.0 20.0	6.9 7.5	4.9			
+50	Exc 6.0	47.8	DC 1.1 + 0.4	+0.3	0.0 DC 2.4					BM 1160 + 30 - Sp 8" Oak EI-1353.84
1161	6.3	47.3 ✓ 47.5	19.1 12.6		12.0 20.4					
1162	6.9	46.9 ✓ 46.9	DC 1.8	0.0	DC 1.8	13.6 6.9	97.2 46	18.37		50.89 3.73 47.16 1.78 48.94
+25	7.0	46.8	+7.7 + 6.7	+6.0		46.9	46			47.16
+50	7.2	46.4 ✓ 46.6	+5.7 + 4.1	+4.1		53.8 46.9				1.78
+75	7.3	46.5	+2.6 + 1.0 + 0.3		DC 1.6 19.6	6.9				48.94
1163	6.4	45.9 ✓ 46.3	-0.6 - 1.9	-1.2		53.8 46.9	45.7 45.0			
+25	5.5	46.2	20.6		21.2	6.9	45.7 45.0			
+50	5.9	46.1 ✓ 45.8	-3.3 - 3.4	-2.7		51.7 46.5	45.7 45.0			
+78	6.3	45.4	23.3		22.7	51.7 46.5	45.7 45.0			
1164	6.7	44.3 ✓ 45.0	-3.1 - 2.5	-2.4		51.7 46.5	45.7 45.0			
+50	7.7	44.0	-2.4 - 1.4	-1.2		51.7 46.5	45.7 45.0			
1165	8.7	42.4 ✓ 43.0	22.4		21.2	51.7 46.5	45.7 45.0			
1166	10.7	40.5 ✓ 41.0	-3.5 - 4.0	-2.0		51.7 46.5	45.7 45.0			
+50	11.7	40.0	23.5		22.0	51.7 46.5	45.7 45.0			
1167	11.7	38.6 ✓ 39.0	23.5		22.0	51.7 46.5	45.7 45.0			
+25	11.9	38.5	-4.0 - 2.1		DC 1.8	51.7 46.5	45.7 45.0			
+50	5.4	38.0	24.0			51.7 46.5	45.7 45.0			
1165	8.7	42.4 ✓ 43.0	DC 1.3 + 0.7 + 0.6	+0.3	DC 1.7					
1166	10.7	40.5 ✓ 41.0	19.3		19.5					
+50	11.7	40.0	-0.6 - 0.6		DC 1.5					
1167	11.7	38.6 ✓ 39.0	20.6		19.5					
+25	11.9	38.5	-2.8 - 2.5	-1.1						
+50	5.4	38.0	-5.4 - 0.2 + 0.9	-0.5 + 1.8	-0.3					
			22.8 8.2		19.6					
			-5.4 - 0.2 + 0.9	-0.5 + 1.8	-0.3					
			25.4 5.0		8.0 10.0 20.3					
			-1.4 - 0.4 + 2.7	+2.8 + 1.4 + 4.3 + 3.5						
			21.4 5.0		7.0 10.0 15.0 17.2					
			+3.9 + 3.4	+5.6						
			17.9		20.4					
			+5.4	+3.5	+5.8					
			20.1		20.7					

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.		
			LEFT	C.	RIGHT
1168	6.3	<u>37.0</u> ✓ 37.1	29.0 +5.5	+3.7	+6.1
+50	Exc 6.6	36.8	26.5 +4.7	+3.5	+6.0
1169	6.7	<u>36.4</u> ✓ 36.7	19.1		21.0
1170	7.0	<u>36.1</u> ✓ 36.4	+2.3	+2.5	+4.0
<u>71</u>	7.3	<u>35.8</u> ✓ 36.1	15.5		18.0
1171+02.5	8.6	36.1	-3.5	-3.4	-1.8
+25	8.1	<u>35.7</u> ✓ 36.0	23.3		21.8
+50	8.8	35.9	-4.9	-1.8	00
+75	8.9	<u>35.8</u> ✓ 35.8	24.9		20.4
1172	9.0	<u>35.7</u> ✓ 35.9	-6.3	-3.8	-1.0
+50	9.1	<u>35.6</u> ✓ 35.6	26.3		24.0
1173	9.2	<u>35.5</u> ✓ 35.5	-4.9	-3.2	-0.7
1174	9.5	<u>35.4</u> ✓ 35.7	24.9		20.7
1175	9.3	<u>35.4</u> ✓ 35.4	-2.2	-0.2	+0.8
+65.7	8.7	<u>35.5</u> ✓ 35.5	22.2		13.2
1176	8.6	<u>35.4</u> ✓ 35.6	+2.3	+3.1	+5.1
+50	8.5	<u>35.4</u> ✓ 35.4	15.5		19.7
1177	8.4	<u>35.3</u> ✓ 35.8	+5.6	+5.4	+6.7
+50	8.3	<u>35.3</u> ✓ 35.8	20.4		21.3
1178	8.2	<u>35.3</u> ✓ 36.0	+5.2	+3.8	+3.4
+25	8.2	36.0	19.8		17.1
			DC 1.2	+1.1	+1.7
			19.2		15.2
			-8.2	-1.8	+3.7
			28.2		17.6
			-5.7	+0.3	+4.3
			25.7		18.5
			-3.4	+0.5	+4.5
			23.4		18.8
			-2.1	-0.1	+0.3
			22.1		12.5
			+4.7	+4.7	+4.6
			19.1		17.9
			+5.2	+5.2	+5.1
			19.8		19.7
			+4.8	+5.7	+5.1
			19.4		19.7
			+3.9	+3.3	+3.3
			17.9		17.0

finished grade
 Note: rounded figures average

20.3
 21.2
 44.5

AREA'S			Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.		
					1343.37
					4.93
					1338.44
					6.27
					1344.71
					6.73
					1337.98
					6.17
					1344.15
Cut + 25	37.1				
	6.3				
	36.8				
	36.5				
	36.1				
	36.0				
	35.9				
	35.8				
	35.7				
	35.6				
	35.5				
	35.4				
	35.3				
	35.2				
	35.1				
	35.0				

T.P. Notch in 6" poplar at P.I. 1338.44

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
1179	8.0	<u>35.6</u> 36.2	-2.4	-4.4	-5.4	36.9				1344.15 π
1180+07.4	BC 7.8	36.4	22.4		25.4	36.1				9.14 1335.01 π
+25	7.8	36.4	-1.1	-3.3	-4.6	(16) $\frac{8}{20}$				7.82 1342.83 π
+50	7.7	36.5	21.1		24.6					2.74
+75	6.3	36.5	-1.1	-2.8	-2.7 -4.6 -4.6					T.P. $\frac{36.2}{8.0}$ Poplar 35'L Sta 1182 -1340.09 π
1181	6.2	36.6	DC 2.0 -1.0 +0.3		+0.4 DC 1.9					3.22 1343.31 π
+25	6.1	36.7	20.0 5.0		12.6 19.9					1.39
+50	6.1	36.7	+5.0 +3.6 +3.0	+1.8	+2.0 +2.0 +4.4					57.04 12.43
+75	6.2	36.6	9.5 10.0 5.0		3.0 4.0 18.6					38.61
+90	6.4	36.4	+4.5 +3.9 +2.8	+2.3	+3.4 +5.9					51.9 42.8 44.1 36.6 9.8 6.2
1182	X	36.3	18.8 12.0 10.0		1.0 20.9					BM
+25	7.2	36.1	DC 1.2 +0.4 +1.6 +1.6	+1.0	+0.6 DC 2.0					82 +25 +11.6
+50	7.8	35.5	9.2 12.6 10.0 3.0		12.9 19.0					13.4
+75	8.1	35.2	-0.5 -1.3 -0.7	-0.6	-1.5 -0.8					12.43
+90	8.9	43.0	20.5 11.0 9.0		2.0 20.8					1338.49
1183	7.8	35.5	DC 0.5	-0.4	DC 2.0					12.43
+25	7.8	35.5	18.5		20.0					1350.92 π
+50	7.8	35.5	+5.0	-0.7	DC 2.0					
+75	7.8	35.5	19.5		20.0					
+90	7.8	35.5	X	X	X					
1184	7.8	35.5	+5.1	-0.8	-2.6					
+25	7.8	35.5	19.7		22.6					
+50	7.8	35.5	+4.0 +1.8		+2.1					
+75	7.8	35.5	18.0		15.2					
+90	7.8	35.5	+4.0 +4.1		+3.9					
1185	5.9	37.4	18.0		17.9					
+25	5.9	37.4	+4.5 +4.1		+1.0 DC 1.6					
+50	5.9	37.4	18.9		13.5 19.6					
+75	5.9	37.4	+4.6 +3.8		+0.6 -2.6					
+90	5.9	37.4	18.9		12.9 22.6					
1186	10.7	40.3	+2.3 +1.1		-3.8					
+25	10.7	40.3	15.5		23.8					
+50	10.7	40.3	DC 0.6 +0.8	-1.4	-7.2					
+75	10.7	40.3	18.6 13.2		27.2					
+90	10.7	40.3	+4.6 +0.9		+6.1					
1187	8.9	43.0	18.9		26.1					
+25	8.9	43.0	+2.3	-1.2	-3.4					
+50	8.9	43.0	15.5		23.4					
+75	8.9	43.0	DC 1.0 +0.2 0.0		-0.6					
+90	8.9	43.0	19.0 12.3		20.6					

EXCAVATION Embankment Excav. Embank.
 36.9
 36.1
 (16) $\frac{8}{20}$
 44.2
 T.P. $\frac{36.2}{8.0}$ Poplar 35'L Sta 1182
 57.04
 12.43
 38.61
 51.9 42.8
 44.1 36.6
 9.8 6.2
 17.8
 3.2
 4.6
 11.2 BM
 82 +25
 +11.6
 13.4
 1338.49
 12.43
 1350.92 π
 40.3
 36.1
 7.2
 9.2
 2.7
 4.5
 2.6
 38.6
 5.9
 51.9
 42.8
 8.1
 43.3
 5.9
 51.04
 10.7
 40.3
 51.0
 10.6
 10.9
 12.1
 40.3
 10.7
 37.4
 1.9
 45.5
 5.9
 37.4
 43.3
 11.2
 8.9
 2.3
 41.8
 9.2
 51.0

BM 1185 to Sp 10" Birch 50'L EI 1338.49
 NOTE - Error in grade of 1.0 Sta 1186 to 1198
 Grade is staked 1.0 low. Martin understands
 and will keep grade 1.0 up from slope stakes
 Remick 7/28/21

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.		
			LEFT	C.	RIGHT
1188	1.0	44.9	DC 1.7	-0.8	-2.3
			19.7		22.3
1189	5.3	46.6	DC 1.2	+1.4	+2.1
			19.2	+2.0	+3.0
1190	3.6	48.3		+2.5	+3.0
				+1.8	+2.4
+50	8.2	49.1		-0.3	+5.0
1191	12.9	50.0		-1.0	-1.0
				-5.7	-1.8
+31.2 BC		50.5			21.8
					21.8
+50	BC 12.1	50.8		-7.1	-5.1
				27.1	21.8
1192	11.4	51.5		-5.4	-4.0
				25.4	21.4
+50	Exc X	52.0		X	X
+62.0					
=#63.6	Exc 70.8	52.1	DC 2.0	+3.6	+7.2
			20.0		
1193	6.3	52.3		+3.0	+6.0
				16.5	29.2
1194	5.8	52.8		-3.1	0.0
				23.1	15.0
1195	5.3	53.3		-0.3	-3.0
				20.3	25.6
1196	11.9	53.8	DC 1.6	-2.0	-4.0
			19.6		24.0
+50	Exc X	54.0		X	X
+72.7	BC 11.3	54.1		X	X
1197	11.2	54.2		-3.2	-2.3
				23.2	21.6
				-6.5	-5.8
				54.1	44.0
+50	11.3	54.1		-7.1	6.7
				27.1	25.1
+50	11.4	54.0		-6.4	-5.4
+75	11.6	53.8		3.5	26.4
1198	11.8	53.6		-3.7	-25.4
				23.5	4.0
+30.4	Exc 12.2	53.2		-2.2	-1.4
				16.1	22.2
+50	Exc 6.1	52.9		+3.0	+4.8
				16.5	20.0
1199	6.9	52.1		-5.1	+4.3
				17.7	13.2
1200	10.5	50.5		+3.8	+2.2
				17.7	DC 2.0
1201	12.1	48.9		+3.2	+3.2
				16.7	16.4

AREA'S

EXCAVATION Embankment Excav. Embank.

1188	11.6	1350.92
	1.80	
1189	7.9	1349.12
	7.10	
1190	7.6	1356.31
	7.19	
1191	7.3	1349.12
	12.70	
+31.2 BC	11.3	1361.91
	11.27	
+50	10.1	1350.64
	6.99	
1192	10.8	1357.63
	1.23	
+50	9.7	1356.40
	8.05	
+62.0	11.6	1364.45
=#63.6	12.27	
1193	11.4	1352.18
	4.70	
1194	10.8	1356.96
	7.13	
1195	11.6	1349.83
	5.84	
1196	5.90	
	35	
	81.29	

BM 7199+50 5" WP 50' R EI 1357.00

55.6
53.7

47
6.5

57.3
49.1

59.0
50.5

58.9
56.6

59.0
57.9

59.0
57.9

44.9
51.9

62.9
57.9

62.9
59.1

62.9
59.0

65.6
57.9

65.6
57.9

11.6
7.9

13.8
4.4

13.3
8.2

14.2
11.4

14.2
11.4

14.2
11.4

BM -1357.90

TP R+Sta 12017

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.		
			LEFT	C.	RIGHT
1202	43	47.3 ✓	-2.2	-2.6	-1.4
+95 arc	5.8	45.8 ✓	22.2	-1.7	-0.7
1203+45	6.3	45.3	+0.4	+2.7	+7.0
+95	6.8	45.2 ✓	+3.8	+7.0	+8.0
1204+45	6.1	45.7	+5.5	+7.0	+8.5
+95	5.0	46.6 ✓	+2.5	+5.5	+7.0
1205+45	3.1	48.1	+2.6	+3.4	+5.2
+95 Evc	1.2	50.0 ✓	+2.7	+4.8	+5.0
1207	7.6	54.6 ✓	+3.0	+5.7	+8.8
+50		56.8 ✓			
1208	3.2	59.0 ✓	-0.5	-1.3	-2.6
+17.9 bc	14.7	59.8	-1.4	+2.9	-5.8
+50	13.3	61.2 ✓	+1.0	-4.4	-7.7
+75	12.2	62.3	-2.3	-6.2	-10.2
1209	11.1	63.4 ✓	-1.4	-6.6	-13.0
+25	10.0	64.5	-0.9	-6.1	-15.1
+50	8.9	65.6 ✓	-1.0	-4.5	-13.1
+75	7.8	66.7	+2.1	-3.6	-11.9
1210	6.6	67.9 ✓	+2.2	-2.0	-11.8
+25	5.6	68.9	+3.2	-1.9	-10.6
+50	4.6	69.9 ✓	+5.8	-1.1	-9.3
+75	3.6	70.9	+7.0	-0.4	-7.7

CUT
FILL

68.7
1.4
70

(5.7)

68.4

56.3
46.6
9.7

7
3.2

56.3
45.2
11.1

56.3
46.8
10.5

AREA'S

EXCAVATION		Embankment		Excav.	Embank.	Remarks
1202	22.2	22.6	1.4	14.8	13.0	
+95 arc	18.2	17.7	0.5	6.8	2.6	1.27 1351.60
1203+45	20.4	20.4	0.0	5.9	13.0	1349.83 TP
+95	17.7	17.7	0.0	6.8	2.6	1.33 1351.16 TP
1204+45	20.4	20.4	0.0	6.3	13.3	1.57 1349.83 TP
+95	15.8	15.8	0.0	2.8	12.65	1362.24 TP
1205+45	15.9	15.9	0.0	14.7	12.8	1361.90 TP
+95 Evc	16.1	16.1	0.0	14.6	2.6	1.259 1374.49 TP
1207	16.5	16.5	0.0	8.9	14.6	8.9 11.9
+50	20.5	20.5	0.0	6.2	3.2	
1208	21.4	21.4	0.0	14.4	14.4	
+17.9 bc	21.0	21.0	0.0	7.6	14.3	
+50	22.3	22.3	0.0	6.8	4.5	1382.47 TP
+75	22.3	22.3	0.0	6.8	5.7	6.83
1209	21.4	21.4	0.0	13.4	13.1	1375.64 TP
+25	20.9	20.9	0.0	14.6	14.6	
+50	19.0	19.0	0.0	14.7	14.7	
+75	15.2	15.2	0.0	20.5	20.5	
1210	15.3	15.3	0.0	15.1	15.1	
+25	16.8	16.8	0.0	14.7	14.7	
+50	20.7	20.7	0.0	10.5	10.5	
+75	22.5	22.5	0.0	10.4	10.4	

179.86
-12.45
67.41
0.83
68.24
12.72
55.54
0.80
56.34
10.44
45.90
10.94
56.84

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
1210	+96.1	EC 2.8 ^{10.8}	71.7 ✓	+8.5	+0.4	-6.7
(Short - 82.0)	6.6	Long Sta 183.0	75.0	24.8		26.7
1212			+8.7	+1.6	-4.8	
1213	2.4	79.2 ✓	25.1	+6.6	+0.2	24.8
1214	6.0	83.2 ✓	21.9	21.9		27.4
+40	4.3	84.9	+7.5	+1.0	-5.0	
1215	1.7	87.5 ✓	23.3	+14.1	+9.5	+6.1
1216	5.3	91.9 ✓	33.2	+7.8	+3.4	-4.1
+99.6	11.4	96.1 ✓	23.7	+11.0	+2.9	-3.0
1217 +50	9.2	98.3 ✓	28.5	+5.6	+1.0	-23.0
1218	14.7	1400.4 ✓	20.4	20.4		24.9
+50	12.8	1402.3 ✓	2.0	-4.7		32.0
1219	11.9	1403.2 ✓	4.2	-24.2	-8.7	-13.4
+23.4		1403.7 ✓	6.6	-26.6	-8.8	-8.4
+25.7	11.4	1406.8	3.7	-23.7	-4.5	-8.5
+35		1407.7 ✓	11.2	-21.2	-2.5	-7.9
1220	6.2	1406.8	11.8	+29.7	+5.0	27.9
+40		1405.2	9.7	+26.6	+4.9	22.4
1221	5.4	1406.7 ✓	8.8	+25.2	+2.0	20.6
+50	4.6	1403.7 ✓	8.0	+24.0	+3.5	23.4
1222	9.0	1405.7 ✓	8.1	+24.2	+2.2	23.3
+25	8.7	1403.7 ✓	5.1	+19.7	+0.8	-3.3
+50	8.3	1403.3 ✓	13.8	+13.8	-0.3	-4.9
+75	8.0	1406.6	1.0	-21.0	-3.5	-4.9

AREA'S

Cubic Yds.

EXCAVATION		Embankment		Excav.		Embank.		Remarks
LEFT	C.	RIGHT	C.	LEFT	C.	RIGHT	C.	
14.2	11.0	11.0	11.0	14.7	10.7	11.9	12.2	1770.00 π
8.0	3.5	7.5	7.5	11.4	6.4	4.6	4.6	2.92
11.4	7.6	11.0	7.6	11.4	11.4	11.4	11.4	1371.57 TP
7.6	3.6	3.6	3.6	8.7	8.7	8.7	8.7	10.90
16.6	7.6	16.6	7.6	16.6	16.6	16.6	16.6	1382.47 π
22.9	3.3	3.3	3.3	22.9	22.9	22.9	22.9	79.7
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	75
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1371.57 TP
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	10.05
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1381.62 π
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1.72
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1379.90 TP
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	9.28
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1389.18 π
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1.80
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1387.38 TP
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	9.85
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1397.23 π
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	9.93
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1396.30 TP
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	+11.21
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	-2.47
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1407.51 = π
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	-2.47
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1405.04 = T.P.
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	+18.02
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1415.06 = π
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	-11.29
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1403.77 = T.P.
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	9.74
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1411.51
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	-1.06
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1410.45 = T.P.
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	+6.15
12.9	15.1	15.1	15.1	12.9	12.9	12.9	12.9	1416.60 = π

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
1223	7.7	1408.9 ✓	DC 0.7 12	0.0	-5.6	-7.4
+25	7.4	09.2	+8.2 24.3	+5.3 19.0	-6.2 -1.8	-8.4 28.4
EG. +52.0	7.2	09.4 ✓	+10.5 27.8	+6.4 22.0	+11.1	-8.4 28.4
1224	4.8	96.5 ✓	+7.8 23.7	+6.3 19.0	+4.9 12.0	+2.5 12.8
+25	4.6	9.80	+10.9 28.1	+3.6 13	+1.6 14.4	-0.2 20.2
1225	4.3	10.1 ✓	+14.8 34.2	+7.0	+4.9 19.4	DC 0.9 19.8
BC. +76.5	8.4	10.48	+4.1 18.2	+2.4	+1.7 14.6	DC 0.9 19.8
1226	8.3	10.6 ✓	DC 1.0 19.0	0.0	-2.2	-1.8
+25	8.2	10.73	-2.8 22.8	-3.6 12	-4.5 -4.5	-3.2 2
+50	8.1	10.85 ✓	-3.7 23.7	-4.1 20	-4.1 7	-3.1 5
+75	8.0	10.98	-2.6 22.6	-2.4 15	-1.8 12	-2.5 2.0
1227	7.8	11.1 ✓	-1.1 21.1	-1.0 17	-1.5 4.0	-3.0 2.0
+25	7.7	11.23	-0.2 20.2	-0.5 18	-0.5 9	-0.2 6
EG. +39.0	7.6	11.29 ✓	DC 1.9 19.9	-0.2 12	+0.8 8	0.0 9
1228	7.3	11.6	-0.4 20.4	-0.4 10	-1.4 3.0	-2.0 23.1
+50	7.1	11.8	-1.0 21.0	-0.9 20	-1.7 18	-2.5 6.0
1229	7.8	11.09 ✓	-1.0 21.0	-1.0 15	-1.5 13.0	-1.7 2.0
+50	6.5	10.5	DC 1.9 19.9	-1.0 15	-1.0 2.0	+0.4 9.0
+70	7.0	10.0	DC 2.0 2.0	-0.6 8.0	-2.4 4.0	-2.4 2.1
1230	7.6	9.4	DC 1.1 19.1	+0.9 13.4	+0.3 8.0	+0.3 12.5
+50	8.9	8.1	DC 0.6 18.6	+1.5 14.3	+1.5 13	+1.7 9.0
BC +60	9.1	7.9	DC 0.5 18.7	+1.5 14.0	+1.5 12	+2.1 15.7

AREA'S

Cubic Yds.

Remarks

EXCAVATION	Embankment	Excav.	Embank.	Remarks
1223	12.0	3.7	4.6	1416.60 = π
+25	12.0	3.7	4.6	-7.94
EG. +52.0	12.0	3.7	4.6	1408.66 = T.P.
1224	12.0	3.7	4.6	5.79
+25	12.0	3.7	4.6	1414.45 = π
1225	12.0	3.7	4.6	-7.31
BC. +76.5	12.0	3.7	4.6	1407.14 = T.P.
1226	12.0	3.7	4.6	11.77
+25	12.0	3.7	4.6	1418.91 = π
+50	12.0	3.7	4.6	-4.60
+75	12.0	3.7	4.6	1414.31 = T.P.
1227	12.0	3.7	4.6	1417.05 = π
EG. +39.0	12.0	3.7	4.6	
1228	12.0	3.7	4.6	
+50	12.0	3.7	4.6	
1229	12.0	3.7	4.6	
+50	12.0	3.7	4.6	
+70	12.0	3.7	4.6	
1230	12.0	3.7	4.6	
+50	12.0	3.7	4.6	
BC +60	12.0	3.7	4.6	

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.		
			LEFT	C.	RIGHT
1230+75	9.5	07.5	DC0.3 +1.2 +0.3		+2.7
		<u>07.5</u>	18.3 13.8 8.0 +2.0		16.1
1231	10.0	07.0	DC1.4 +1.5 +1.2 +1.2		+2.7
		<u>07.0</u>	19.6 14.1 12 3.0 +1.7		15.3
+25	10.2	06.8	-0.8 2.0 +0.2 +1.7		+1.7 +2.7
		<u>07.0</u>	20.8 12 10 9.0 +1.7		4.0 15.3
+50	5.0	06.6	-0.6 +0.5 +1.4 +2.4		+2.4 +3.2 +3.5
		<u>06.6</u>	20.6 12.8 6.0 4.0 +2.4		8.0 12 12.3
+75	5.1	06.5	DC0.8 +1.4 +2.5		+2.7 +2.7 +4.3
		<u>06.5</u>	19.8 14.1 2.0 +3.6		2.0 10.0 19.5
1232	5.2	06.4	+3.6 +4.2 +4.4		+2.4 +2.6 +4.1 +4.4
		<u>06.4</u>	17.4 5.0 3.0 +4.4		3.0 12 15 18.6
EG. +225	4.9	06.7	+3.7 +4.4 +4.5		+2.7 +2.7 +4.7 +4.8
292		<u>06.7</u>	17.7 5.0 2.0 +4.5		3.0 10 14.0 19.2
+50	4.7	06.9	+3.0		+2.5 +3.3 +3.4
		<u>06.9</u>	DC0.4 +0.5 +0.5		16.5 +2.9 9.0 13.0 17.1
1233	3.6	07.98	DC0.4 +1.4 +1.4		+0.7 +0.4 DC1.3
		<u>07.98</u>	18.6 14.1 2.0 +1.4		8.0 13.6 18.3
+50 REC	2.3	09.3	+0.8 0.0 +0.1 +1.0		+1.0 +1.5 DC0.8
		<u>10.4</u>	20.8 12 10 9.0 +1.0		3.0 14.3 18.8
1234	13.1	11.08	-0.5 -0.8 +0.2		-0.4 0.0 DC1.9
		<u>11.08</u>	20.5 12 6.0 +0.2		5.0 12 19.7
+40	11.7	12.51	-0.5 -1.4		-1.4 -0.5
		<u>13.7</u>	20.5 10.0 -0.7 5.0		20.5
1235	9.6	14.65	-0.3 0.0 +0.1		+0.9 DC1.0
		<u>14.65</u>	20.3 12 9.0 +0.5		13.4 19.0
+50 REC	7.8	16.4	DC1.6 +1.0		+1.7 +2.8 +3.3
		<u>16.7</u>	19.6 13.5 +1.8		6.0 12 12.0
1236	6.5	17.85	-1.0		+1.9 +2.0 +2.3
		<u>17.2</u>	21.0 0.0		8.0 14.0 15.5
+50	5.6	18.6	-0.9		-0.4 +0.3 +0.3 DC1.7
		<u>18.3</u>	20.9 -0.4		6.0 10.0 12.5 19.7
1237	5.9	18.3	-0.1 -1.6		-2.6 -1.8
		<u>18.3</u>	20.1 9.0 -2.3		12 21.8
+50 EXE.	6.0	18.1	DC1.4 +0.7		+0.3 DC1.8
		<u>16.6</u>	19.4 13.1 +1.0		12.5 19.8
1238	7.0	17.1	DC1.3 +0.7		+2.4
		<u>17.1</u>	19.3 13.1 +1.6		15.6
+50	8.0	16.15	DC1.5 0.0		-0.6
		<u>15.3</u>	19.5 12 -0.1		20.6
1239	8.9	15.2	+3.1		+2.5
		<u>15.2</u>	16.7 +3.2		15.8
+50 REC	2.9	14.4	+2.5		+3.7
		<u>14.4</u>	15.7 +3.1		17.0

checked grade
 checked design
 checked design

AREA'S

EXCAVATION		Embankment	
17.0	11.6	11.6	11.6
7.5	2.7	9.3	12.7
9.5	3.62	2.3	13.2
11.7	2.7	2.42	12.7
2.8	1.5	1.1	11.7
1.7	0.8	1.3	11.7
3.0	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7
2.8	1.8	1.7	11.7

Cubic Yds.

Excav.	Embank.
1417.05	1417.05
9.3	9.3
1407.69	1407.69
1415.88	1415.88
1411.31	1411.31
1424.21	1424.21
1421.11	1421.11
1424.10	1424.10
1412.50	1412.50
1417.26	1417.26
1465	1465
5.95	5.95
20.87	20.87
10.00	10.00
10.57	10.57
2.87	2.87
13.44	13.44

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.		
			LEFT	C.	RIGHT
1240	3.7	14.0 13.6 ✓	+2.3 15.5	+2.2	+2.0 15
+50 EVC.	4.0	13.3 16	DC 0.5 +1.4 18.9	+2.0	DC 0.0 18
1241	4.01	13.25 ✓	+3.4 17.1	+3.2	+3.7 17.6
+80	4.1	13.21	+3.1 16.7	+3.4	+3.4 17.1
1242	4.1	13.2 ✓	DC 0.0 +2.0 18	+1.1	+0.7 19
+40	7.95	13.16	-0.6 20.6	-1.3	-0.9 20.9
1243 BVC.	8.0	13.1 ✓	-5.4 25.4	-4.5	-3.3 23.3
+50	8.2	12.87	-0.8 20.8	-0.9	-2.8 23.5
1244	8.8	12.3 ✓	DC 1.5 19.5	-3.1	-5.4 25.4
+50	9.8	11.3	DC 0.6 +1.0 19.6	-0.5	-4.7 24.7
1245 EVC.	11.0	10.0 ✓	DC 1.1 +0.5 19.1	-0.5	-3.0 23.0
1246 BVC.	14.1	07.0 ✓	+1.6 14.4	0.0	-1.7 14.0
+50	8.1	05.75	+4.9 19.4	+1.5	0.0 12
1247	8.9	05.0 ✓	+6.8 22.2	+4.1	+1.5 14.3
+50	9.1	04.8	+5.9 20.9	+2.7	+1.0 13.5
1248 EVC.	8.8	05.1 ✓	+1.9 14.9	+0.3	-2.1 22.1
+50 BVC.	8.3	05.6	DC 2.0 20	-2.2	-4.3 24.3
1249	7.8	06.05 ✓	-1.2 22.2	-1.9	-1.4 21.6
+50 EVC.	4.1	05.8	-0.1 20.1	0.0	0.0 12
1250	4.5	05.4 ✓	+3.1 16.7	+0.9	-0.4 12
+50	4.7	05.2	+7.7 23.6	+5.1 13	+1.1 13.7
1251	4.9	05.01	+6.2 21.3	+3.2	+0.5 12.8

AREA'S				Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.	Excav.	Embank.	
1720 1323 4.01	17.3 13.2 4.1	21.0 23.6 2.6	8.9 21.4 12.5	21.0 11.0 10.0	6.8 1372.1403.18	1417.26 = T -2.04 1415.22 = T.P. 5.87 1421.09 = T 12.17 1408.92 = T.P. 4.76 1413.88 10.69 1403.19 6.71 1407.90 = T
15.2 17 2.0	21.1 18.0 3.1	21.1 13.2 7.9	21.3 7.8 13.5	13.3 7.5 5.8	13.9 14.4 3.5	13.9 4.35 6.97 10.67 17.59 4.50 5 13.09 8.60 T 1.69
13.9 2.1 11.8 1.6	15.3 2.6 1.7 1.6	16.8 2.7 1.1 1.6	13.9 8.8 5.1 2.2	13.9 5.6 8.3 6.1	1.9 1.9 5.4 5.14	
4.2 4.2 3.3	2.8 2.8 2.2	2.8 2.1 0.7	3.8 2.1 1.7	3.8 2.1 1.7	7.8	
10.4 4.7 1.7	12.4 7.7 4.7	4.1 14.6 10.5	4.1 4.9 0.8	4.1 4.9 0.8	7	

+ Cut
- Fill

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
1251+75		04.3	-9.0 55.5	-8.2 00	-6.3 21.5					
52		040	-6.0 21.0	-6.2 00	-5.7 20.4					
+30				00						
+50		030	+3.5 23.5	+2.7 00	+1.7 21.7					
+70	(116)	02.4	+6.8 26.8	+6.0 00	+3.8 23.8					
53	(119)	02.0	+9.4 29.4	+7.2 00	+5.0 25.0					
+50	(137)	00.4	+9.2 39.2	+6.7 00	+4.7 24.7					
+80		99.5	+7.0 27.0	+3.2 00	00 20					
54		98.9	+3.3 33	00	-1.3 14.1	+0.5 18.5				
+50		97.0	+1.2 19.2	-1.8 14.7	-2.9 00	-3.1 16.7				
+70	(61)	96.2	+1.5 19.5	-1.7 14.6	-3.6 00	-3.7 17.6				
55	(79)	95.0	+3.8 23.8	+1.3 13.0	-1.3 00	-3.8 17.7				
+50	(101)	92.8	+5.0 45.0	+1.2 00	-0.8 13.2					
+75	(117)	91.7	+2.8 22.8	+1.5 00	+1.2 19.2					
56	(110)	90.5	+2.8 18.8	-1.2 13.8	-0.9 00	-1.2 13.8				
+50	(35)	88.8	-5.7 20.6	-5.5 00	-5.7 10.0	-7.4 23.1				
57	(60)	86.0	-2.7 16.0	-3.0 2.0	-4.1 1.0	-3.8 00	-6.3 21.5			
+50	(82)	82.8	+0.5 20.5	-0.6 12.3	-1.4 5.0	-1.5 4.0	-2.6 15.9			
58	(100)	81.6	-1.7 19.5	-1.0 5.0	-0.3 2.0	-2.2 00	-2.5 8.0	-1.6 9.0	-2.2 16.2	
+50	(119)	80.3	-5.1 14.7	-5.7 10.0	-4.1 5.0	-4.1 00	-3.0 6.0	-1.4 14.1	-1.0 17.0	
59	(123)	78.9	-2.8 16.2	-1.6 8.0	+0.7 00	+5.8 25.8				

+ = Cut
 - = Fill

SECTION.

(28)

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S				Remarks
			LEFT	C.	RIGHT	EXCAVATION		Cubic Yds.		
						Excav.	Embank.	Excav.	Embank.	
1259 +50	(147)	77.6	+41 24.1	+95 00	+73 27.3					
60	(160)	76.2	+82 28.2	+76 00	+66 26.6					
+50	(92)	74.9	+22 22.2	+80 00	+10 21.0					
+80				00						
61	(105)	73.6	+15 19.5	-07 13.1	-04 00	-07 18.1	+08 18.8			
+70	(124)			00						
62	(132)	70.9	00 12.0	+19 00	+24 22.4					
+50	14.2	69.6	-06 12.9	+08 00	+24 22.4					
+60	(23)	69.4	-30 16.5	-13 00	00 20.0					
63	(31)	68.6	+22 30.3	-86 00	-69 22.4					
+50		68.0		00						
64	(37)	68.0	-82 24.3	-54 00	-57 20.4					
+50	(33)	68.4	-43 18.5	-10 00	-55 20.3					
65		69.5		00						
+50	(98)	71.3	+04 20.4	+04 00	+18 19.8					

x = Cut
- = Fill

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.					AREA'S				Cubic Yds.	Remarks	
			LEFT	C.		RIGHT	EXCAVATION	Embankment		Excav.	Embank.			
1866	(39)	733	-27 160	-31 70	-21 20	-22 00	-27 1600							
t60	(16)	756		-44 186	-36 150	-36 00	-45 130	-64 216						
67	(20)	772		-51 196	-50 00	-50 00	-77 235							
68	(1.5)	812		-37 176	-34 00	-34 00	-44 166							
t35	(62)	815		00 200	-11 0	-11 00	222 156	-38 200						
69	(32)	851		+38 138	+17 00	+17 00	00 200							
t80		844		+39 239	+18 00	+18 00	+09 189							
t50	(168)	86.9		+23 240	-18 00	-18 00	-30 165							
70	(75)	88.2		+13 213	+06 00	+06 00	00 20							
t50	(83)	89.2		-10 135	-10 110	+10 00	+67 267							
71	(8.0)	89.7		+12 192	-04 126	+20 00	+99 499							
t30	(79)	89.8		+05 205	+50 00	+50 00	+104 304							
t50	(78)	89.9		+0.9 20.9	+19 15.0	+39 00	+8.9 389							
72	(80)	89.7		-55 202	-16 00	-16 00	+30 230							
t30	(84)	89.3		-84 246	-23 00	-23 00	+15 215							
t75	(9.2)	88.5		-37 178	+22 00	+22 00	+2.5 225							
73	(91)	87.9		-46 189	-46 70	-21 00	00 120	+13 213						
t30	(93)	87.2		-34 171	-46 120	-51 00	-48 100	-34 171						
t70	(10.7)	(863)		+50 253	-11 00	-11 00	-4.6 18.9							
74	(11.4)	85.6		+83 283	-30 250	+41 110	+32 70	+24 90	00 60	00 120	+10 190			
t50	(14.6)	84.4		+75 375	+32 120	+14 60	+0.9 00	-09 100	-07 131	+14 194				

x=Cut
/ = Fill

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.					AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.			
1275	(137)	83.3 ✓	+61	+43	+18	-07	-20					
			26.1	70.0	00	12.0	15.0					
+40	(146)	82.4	+75		+13	-3.0						
			27.5		00	16.5						
76	(158)	81.0 ✓	+15.6	+14.5	+9.6	+6.1	00	+17				
			35.6	27.0	12.0	00	19.0	19.7				
+50	(169)	79.9	+14.1	+13.7	+12.5	+9.2	+7.4	+0.9				
	(87)		27.1	27.0	20.0	12.0	00	20.9				
+80	(173)	79.5	+7.3	8.5	+7.1	+4.6	+3.1	00	+0.8			
			29.3	13.0	9.0	00	7.0	20	18.8			
47	(89)	78.7 ✓			+3.2	+3.9	+0.0					
					23.2	00	20.0					
+30	(95)	78.1	+0.3	-0.2	00	-0.2	+0.8					
			18.3	8.0	00	12.3	18.8					
+55	(101)	77.5	-2.0	-1.1	+0.3	-0.7	-0.2	+1.5				
			15.0	10.0	00	10.0	12.3	19.5				
+85	(106)	77.0	-4.9	-2.7	-2.8	-3.0						
	(77.0)		19.3	5.0	00	16.5						
78	(116)	76.7	-10.6	-7.6	-7.5	-8.2	-6.8	-7.9				
			27.9	18.0	13.0	10.0	00	23.9				
+35	(125)	76.3	-16.7	-16.0	-17.4	-17.6	-18.8	-18.2				
			37.1	27.0	12.0	8.0	00	32.0	39.3			
+70	(143)	76.1	-19.0	-19.3	-21.1	-24.9	-25.8	-25.3	-23.8	-21.0		
	(76.5)		20.5	3.0	21.0	00	10.0	17.0	30.0	45.5		
79	(121)	75.9 ✓			-14.3	-15.4	-14.0					
			all +50	00	33.5	00	33.0					
+50	(111)	76.5	-1.0	-0.8	-0.2	+1.3	+1.5					
			13.5	6.0	00	12.0	21.5					
+75	(107)	76.9	+0.8	+4.3		+3.6						
			20.8	00		23.6						
80	(93)	77.3	00	+2.8		+2.5						
			20.0	00		22.5						
+40	(87)	77.9	-6.4	-0.2	+1.1	+2.4						
			21.6	00	10.0	22.4						
+60	(81)	78.5	-6.1	+0.8	+3.3	+5.5						
	(78.6)		21.2	00	9.0	25.5						
81	(78)	78.8	-1.0	-0.2	+1.6	+4.0	+5.5					
			27.9	00	8.0	16.0	25.5					
+80	(79)	79.1	-11.4	-5.7	-3.0	+1.4	+2.6					
			29.2	9.0	00	16.0	22.6					
+50	(71)	79.5	-4.2	-0.9	+0.8							
			18.5	00	20.8							
+75	(67)	79.9	-1.4	-0.6	-0.9	+1.3						
			4.1	00	12.4	19.3						

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.					AREA'S		Cubic Yds.	Remarks
			LEFT	C.		RIGHT	EXCAVATION	Embankment			
1282	(53)	80.0 80.3	+06 206	+03 200	-08 00	-16 144	+05 185				
+40		81.0 (81.3)		+2.8 228	+0.5 00						
83		81.7		+6.2 262	+2.4 00	+0.8 208					
+50		82.2 (82.3) ✓		+6.0 260	+2.1 00	00 200					
84		82.8 (82.7) ✓		00 200	-1.4 00	-2.0 150					
85		84.0	+4.0 240	+6.9 00	+9.0 290						
+50		83.8 (82.4) ✓	00 200	+6.4 00							
86		83.7	00 200	+4.5 00	+10.5 305						
+50		83.1 (81.5) ✓	+2.4 224	+7.4 00	+15.0 350						
87	(107)	82.6	00 20	+3.8 00	+11.0 310						
+50	(46)	82.0	-11.0 295	-5.0 00	-2.8 162						
+85	(47)	81.7 (80.3) ✓	-16.4 36.6	-9.6 00	-6.2 21.3						
88	(51)	81.5 (79.0) ✓	-14.6 33.9	-8.6 00	-5.1 19.7						
89	(62)	80.4	-8.7 25.9	-0.4 00	+4.8 24.8						
+30	(63)	80.1 (77.8) ✓	-10.1 27.8	+0.9 00	+11.8 31.8						
90	(72)	79.3	-17.5 38.3	-0.5 00	+14.5 34.5						
+30	(76)	79.0	-22 400	-17.4 38.1	-1.1 00	+12.2 32.2					
+80	(36)	78.4 (76.5) ✓	-22.6 45.9	-22.0 36.0	-10.5 00	+1.4 17.4					
91	(38)	78.2	-22.5 45.8	-19.0 22.0	-10.1 00	+3.1 22.1					
+50	(44)	77.6	-15.0 34.5	-12.0 24.0	-2.5 00	+15.3 25.3					
+80	(47)	77.3 (75.4) ✓	-2.8 162	+3.1 00	+18.7 38.7						
1292	(49)	77.1	00 120	+4.0 00	+17.3 39.3						

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S				Cubic Yds.	Remarks	
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.			
1892+25	(5.2)	768		-5.5	+0.6	+1.51						
				19.8	00	35.7						
+50	(5.5)	76.5	-4.3	-1.43	-9.1	-9.1	-4.3	+8.7				
93	(6.0)	(746)	23.5	21.0	18.0	8.0	00	38.7				
+85	(6.5)	76.0	-1.6	-1.13	-1.30	-1.32	-1.80	-10.5	-5.6			
			29.2	20.0	16.0	11.0	9.0	00	30.4			
94	(7.1)	(742)										
		74.9	+0.8	00	-1.3	-4.2	-5.8	-8.9	-5.9	-7.2		
+50	(7.7)	74.2	23.8	20.0	14.0	00	10.0	18.0	24.0	25.2		
+85	(9.9)	73.9		+5.0	+3.3	+1.1	-1.8					
95	(10.0)	(139)		8.5	16.0	00	14.7					
		73.8		+1.25	+1.03	+6.5	+1.0					
+50	(8.1)	(138)		32.5	16.0	00	21.0					
96	(8.8)	73.5		+12.1	+12.1	+6.1	+1.5					
150	(9.3)	(133)		37.5	32.1	00	19.5					
97	(7.7)	73.2		+8.4	+7.3	+5.5	00	-2.4	-3.4	-3.7	-1.95	
+40	(7.3)	(136)		33.4	27.5	17.0	10	00	3.0	10.0	41.3	
		73.6		+4.7	+5.4	-2.1	-2.5	-5.2	-2.35			
98	(7.1)	(135)		27.7	20.0	12.0	4.0	00	4.73			
+50	(17.0)	73.6		-1.01	-1.08	-1.81	-2.46					
99	(7.6)	(137)		27.2	7.0	00	48.9					
+75	(18.8)	74.0		-3.4	-9.2	-10.0	-12.2	-16.2				
1300	(9.0)	(130)		17.1	00	12.0	16.0	36.3				
1200+30	(9.0)	74.2		+11.6	+5.6	00						
01	(0.1)	(124)		31.6	00	20.0						
+40	(1.5)	73.6		+18.8	+17.6	+17.3	+16.4	+7.3				
02	(2.6)	(115)		38.8	30.0	15.0	00	27.3				
+75	(5.7)	73.6		+19.8	20.0	+17.1	+14.9	+5.6				
03	(6.4)	(113)		39.8	25.0	7.0	00	25.6				
		73.4		+11.4	+12.8	+15.0	+15.0	+6.8				
		(112)		31.4	14.0	11.0	00	26.8				
		71.1		+5.5	+7.3	+6.5	+6.5	+3.1	+1.4	-1.0	-1.0	
		(693)		25.5	11.0	00	8.0	19.0	21.4	26.0	34.0	
		67.0		-3.8	-3.0	-4.5	-1.56					
		(684)		16.2	3.0	00	35.4					
		67.6		-2.4	-6.1	-1.59						
		(670)		15.6	00	35.9						
		65.5		-4.5	-5.7	-8.9	-1.77					
		(663)		18.8	10.0	00	32.5					
		63.4		+1.3	00	-3.2	-2.7					
		(648)		21.3	5.0	00	16.1					
		62.7		+1.1	-1.3	-1.0	-2.2	-3.1	-3.7	-5.2		
		19.1		14.0	10.0	2.0	00	12.0	19.8			

- 911

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			
			LEFT	C.	RIGHT	
13/3+25	(77)	26.8		-25 -46 -60 -76	15.8 00 120 26.4	
+50	(78)	26.7		-20 -36 -93	15.0 00 26.7	
+75	(79)	26.6		+22 -16 -35 -10.0	23.3 00 180 27.0	
14	(80)	26.5 ✓		+27 -21 -86 -9.7	24.9 00 18.0 26.5	
+50	(78)	26.7		+62 +1.4 -86	26.2 00 15.9	
15	(75)	27.0 ✓	+11	00 -31 -57 65	21.1 120 00 70 21.8	
+50	(78)	27.3	RC +11	-15 -20 -18 +0.2 RC	19.1 142 00 147 182	
16	(70)	27.5 ✓		-28 -21 -22	16.2 00 15.3	
+80	(66)	27.9		-37 -35 -32	17.6 00 16.2	
17	(65)	28.0		-70 -32 -15 +11 RC	22.5 00 14.2 19.1	
+40	(6.3)	28.2		-68 -26 -0.4 +11	22.2 00 12.6 21.1	
+80	(67)	28.4		+21 +26 +2.4	20.1 00 22.4	
18	(60)	28.5		+36 +32 +18	23.6 00 21.8	
17	(87)	27.7 ✓		-70 -29 -13 +1.4	22.5 00 14.0 21.4	
+40	(88)	27.6		-26 -13 +30	18.9 00 23.0	
+80	(89)	27.5		+22 +39 +2.9	22.3 00 22.9	
18	(90)	27.4 ✓		+46 +43 +30	24.6 00 23.0	
19	(91)	27.3 ✓		+56 +42 +2.5	25.6 00 22.5	
20	(92)	27.2 ✓		+43 +3.4 +1.8	24.3 00 21.8	
+50	(93)	27.1 ✓		+32 +2.3 +1.3	23.2 00 21.3	
21	(111)	23.3	+0.4	-13 -12 +10 +0.5	12.4 140 120 60 00 20.5	

Abandoned

AREA'S

Cubic Yds.

Remarks

EXCAVATION	Embankment	Excav.	Embank.
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24+92 mid bridge
4+10 +3+12

SECTION.

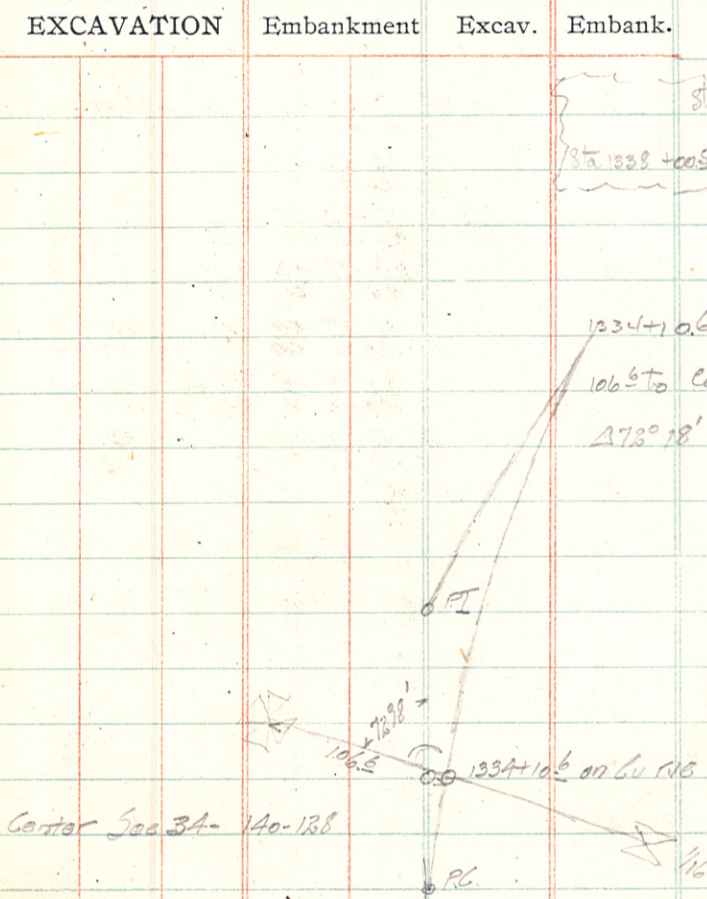
STA.	ELEVA.	GRADE	CUT OR FILL.							
			LEFT	C.	RIGHT					
1381+15	(05)	33.0	-2.0 15.0	-2.5 00	-4.1 13.2					
+50	(13)	32.2	-3.1 16.7	-3.5 00	-4.6 12.9					
22	(24)	31.1	-3.4 17.1	-4.0 00	-3.7 14.0	-1.61 36.2				
+38.7	(23)	30.2	-4.0 18.0	-3.5 00	-3.1 12.0	-12.4 32.6				
23	(19)	28.9	-3.6 17.4	-4.5 13.0	-2.5 00	-12.5 30.8				
24	(71)	26.7	-4.4 18.6	-5.2 11.0	+0.2 00	-0.1 12.0	-1.5 14.3	-2.8 30.0		
+45	(51)	25.7	+3.8 17.7	+0.1 00	+1.4 2.0	+1.4 11.0	-3.1 16.7	-2.5 26.3		
+65		25.3	-5.6 20.4	-7.1 14.0	-8.9 00	-9.5 26.3				
+87 Middle of Bridge										
25 (24.9 cutoff)		25.2	-7.7 26.6	-7.7 00	-9.1 26.6					
+30		25.3	-8.6 24.9	-9.2 12.0	-9.7 00	-9.2 13.0				
+40	(67)	25.4	-8.3 24.5	-8.0 15.0	-3.0 1.0	00 00	+1.0 1.0	+1.2 12.0	-1.0 15.5	-6.3 27.0
+50	(67)	25.4	-6.8 22.2	-6.8 15.0	+1.2 00	+1.2 11.0	-5.6 27.2			
26	(65)	25.6	-5.7 20.5	-5.4 14.0	+1.6 00	+1.2 12.0	-4.6 25.0			
+65	(58)	26.3	-2.4 15.6	-2.7 2.0	+0.2 2.0	+0.1 13.0	+0.5 21.0	-2.2 21.0		
+80	(56)	26.5	+0.6 20.6	00 4.0	+0.4 2.0	+0.1 00	+0.7 13.0	-0.8 18.0	+1.1 19.1	
27	(54)	26.7	+4.1 24.1	+3.6 17.0	+0.6 10.0	+0.6 00	+0.8 12.0	+0.5 20.2		
+50	(48)	27.3	+4.8 24.8	+2.1 6.0	+0.4 2.0	+0.6 12.0	00 20.0			
+75	(79)	27.6	+4.2 24.2	+5.3 10.0	+0.6 2.0	+0.5 00	+0.4 12.6	+3.1 18.0	+2.7 22.7	
28	(76)	27.9	+2.6 22.6	+3.1 10.0	+0.1 4.0	+0.2 00	+0.2 11.0	+2.4 16.0	+2.2 22.2	
+30	(73)	28.2	+1.9 21.9	+1.7 20.0	00 6.0	+0.4 00	02 7.0	+0.1 21.6	+1.6 21.6	
29	(65)	29.0	+1.6 21.6	+1.6 18.0	-0.2 14.0	-0.2 2.0	+2.4 6.0	+1.0 14.0	+0.5 20.5	
+50	(62)	29.3	00 20.0	00 00	+1.5 3.0	+0.1 20.7				

AREA'S		Cubic Yds.		Remarks
EXCAVATION	Embankment	Excav.	Embank.	
				2772 893 287.9 3m Spate - 1 mile
				543 504 1335+337
				290 358

SECTION.

STA.	ELEVA.	GRADE	CUT OR FILL.			AREA'S		Cubic Yds.		Remarks
			LEFT	C.	RIGHT	EXCAVATION	Embankment	Excav.	Embank.	
1330	(58)	29.7	00	00	+1.9					
			200	00	19.9					
+40	(55)	30.0	+0.9 -1.7	-1.7 00	-0.1 -0.6	-1.0 -0.8	+1.2			
			18.9 14.5	13.0 6.0	00 8.0	11.0 13.2	7.2			Stage 3 day Cal
+75	(53)	30.2	-2.2 -2.5	-2.3 0.2	-0.1 +1.0					Sta 1338 +005 18' ht
			16.2 12.0	4.0 00	13.1 19.0					
31	(52)	30.3	+0.1 -1.4	-1.6 -0.5	-0.2 -0.6	+1.3				
			18.7 14.1	9.0 4.0	00 12.9	19.3				
+35	(50)	30.5	-2.4 -0.1	-0.3 -0.6	+1.5					
			15.6 8.0	00 12.9	19.5					
32	(45)	31.0	-3.4 -3.0	-0.1 -0.4	-0.1 -1.9	-2.5				
			17.1 14.0	5.0 00	4.0 8.0	15.7				1334+10.6
+75	(41)	31.4	-6.4 -5.6	-1.4 -1.5	-1.6 -6.1	-6.2				
			21.6 14.0	5.0 00	2.0 16.0	21.3				106.6 to Cal
33	(39)	31.6	-6.3 -5.8	-1.5 -1.4	-1.5 -5.5	-5.5				
			21.5 17.0	4.0 00	2.0 16.0	20.2				Δ 73° 18'
+50	(35)	32.0	+0.8 -0.5	-0.2 -0.5	+1.3					
			12.2 12.8	00 12.8	19.3					
34	(7.9)	32.3	-2.6 -0.5	-0.6 +1.5						
			15.9 00	12.9 19.5						
+50	(7.6)	32.6	+0.4 -1.1	-0.2 -0.2	+0.2 +2.0	+2.3				
			12.4 13.1	00 12.3	15.0 20.0	22.3				
+70	(7.5)	32.7	+0.8 -0.9	+0.8 +0.2	+1.6					
			18.8 13.4	6.0 00	19.6					
35	(7.3)	32.9	+3.4 +3.1	+1.6 -0.1	-0.1 +0.8					
			23.4 20	20 4.0	12.2 12.8					
+20	(7.2)	33.0	+2.1 +0.9	00 -0.2	+0.8					
			22.1 12.0	00 12.3	20.8					
+50	(7.0)	33.2	+2.2 +1.5	+0.6 -0.3	+0.8					
			22.2 3.0	00 12.5	12.8					
36	(6.6)	33.6	+1.2 +1.2	+0.5 -0.4	-0.5 +1.6					
			21.2 1.0	00 3.0	12.8 19.6					
+50	(6.3)	33.9	+1.2 +1.1	-0.2 -0.3	+2.0 +2.1					
			21.8 00	2.0 12.0	20.0 22.1					
37	(6.0)	34.2	+2.2 +0.6	-0.3 +3.8	+4.0					
			5.0 00	11.0 22.0	24.0					
+75	(5.5)	34.7	+3.3 +0.2	+0.1 +0.2	+1.3					
			26.0 16.0	00 16.0	20.0					

END OF LINE



Center Sec 34- 140-138