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484

KEUFFEL & ESSER CO.  
DRAWING MATERIALS  
AND  
SURVEYING INSTRUMENTS.  
NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING  
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.  
FOR SINGLE TRACK EXCAVATION.

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MICROFILMED  
JAN 13 1965

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

484

RECORD OF GROUT HOLES

AND EXCAVATION

" CONCRETE  
F. E. BRACHMANN.

484

Van Seggern

Brachmann

- Index - Aug to Nov. 1934.

Spillway Ext. Floor & Side Wall Anchors 1-56

" " Inspection Notes 57-61

Blank 19, 62-80.

NOTICE (SOUTH-WALL) EXTRA-STATION

(1-2-3-4) (Field Sta (+2.29) =) (Office Sta.)

(Numbered from 1) (Pathways for Floor & Extending up Sidewalks with No. 1 at bottom) of wall.

Spillway Extension Sidewall Anchors

No. 1 Sta	North	No. 1	South	No. 2 Sta	North	No. 2	South	No. 3 Sta	North	No. 3	South
7445.7	Date		Date	7451.4	Date		Date	7457.2	Date		Date
1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34
2	IN	2	IN	2	11-3-34	2	IN	2	11-3-34	2	IN
3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34
4	+	4	+	4	+	4	+	4	+	4	+
	4		4		3		4		3		4

No. 4	North	No. 4	South	No. 5	North	No. 5	South	No. 6	North	No. 6	South
7462.9	Date		Date	7466.6	Date		Date	7474.3	Date		Date
1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34
2	11-3-34	2	IN	2	11-3-34	2	IN	2	11-3-34	2	IN
3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34
4	+	4	+	4	+	4	+	4	+	4	+
	3		4		3		4		3		4

No. 7	North	No. 7	South	No. 8	North	No. 8	South	No. 9	North	No. 9	South
7480.1	Date		Date	7485.8	Date		Date	7491.5	Date		Date
1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34	1	11-3-34	1	11-25-34
2	11-3-34	2	IN	2	11-3-34	2	IN	2	11-3-34	2	IN
3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34	3	R-11-3-34	3	R-11-25-34
4	+	4	+	4	+	4	+	4	+	4	+
	3		4		4		4		4		4

(66)

## Spillway Extension

No 10 North	No 10 South	No 11 North	No 11 South	No 12 North	No 12 South
7+97.2	8+03.0	8+08.7	8+08.7	8+08.7	8+08.7
1 11-3-34	1 11-25-34	1 11-3-34	1 11-25-34	1 11-3-34	1 11-25-34
2 11-3-34	2 1N	2 1N	2 1N	2 1N	2 1N
3 R 11-3-34	3 1N	3 1N	3 1N	3 1N	3 1N
4 + 11-13-34	4 R 11-25-34	4 R 11-3-34	4 R 11-25-34	4 R 11-3-34	4 R 11-25-34
4	4	4	4	4	4

## Sidewall Anchors.

No 13 North	No 13 South	No 14 North	No 14 South	No 15 North	No 15 South
8+14.4	8+20.1	8+25.9	8+25.9	8+25.9	8+25.9
1 10-31-34	1 11-25-34	1 10-31-34	1 11-25-34	1 10-22-34	1 10-30-34
2 1N	2 1N	2 1N	2 1N	2 1N	2 1N
3 10-31-34	3 11-25-34	3 10-31-34	3 11-25-34	3 10-22-34	3 10-30-34
4 R 10-31-34	4 R 11-25-34	4 R 10-31-34	4 R 11-25-34	4 R 10-22-34	4 R 10-30-34
4	4	4	4	4	4

No 16 North	No 16 South	No 17 North	No 17 South	No 18 North	No 18 South
8+31.6	8+37.3	8+43	8+43	8+43	8+43
1 10-22-34	1 10-30-34	1 10-22-34	1 10-30-34	1 10-22-34	1 10-30-34
2 1N	2 1N	2 1N	2 1N	2 1N	2 1N
3 10-22-34	3 10-30-34	3 10-22-34	3 10-30-34	3 10-22-34	3 10-30-34
4 R 10-22-34	4 R 10-30-34	4 R 10-22-34	4 R 10-30-34	4 R 10-22-34	4 R 10-30-34
4	4	4	4	4	4

4  
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Spillway Extension

Sidewalk Anchors.

No 19 North	No 19 South	No 20 North
8+46.8 Date ✓	Date ✓	8+54.5 Date
1 10-22-34	1 10-30-34	1 10-22-34
2 IN	2 IN	2 IN
3	3	3 IN
4 R-10-22-34	4 R-10-30-34	4 R-10-22-34
4	4	4

No 20 South	No 21 North	No 21 South
8+60.2 Date ✓	Date ✓	Date ✓
1 10-30-34	1 10-24-34	1 R-10-22-34
2 IN	2 10-22-34	2 + 10-30-34
3	3 10-22-34	3 + 10-30-34
4 R-10-30-34	4 R-10-22-34	4 R-10-30-34
4	4	4

No 22 North	No 22 South	No 23 North
8+65.9 Date ✓	Date ✓	8+71.7 Date
1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 IN	2 IN
3	3	3 IN
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4

No 23 South	No 24 North	No 24 South
8+77.4 Date ✓	Date ✓	Date ✓
1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 IN	2 IN
3	3	3
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4

No 25 North	No 25 South	No 26 North
8+83.1 Date ✓	Date ✓	8+88.8 Date
1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 IN	2 IN
3	3	3 IN
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4

No 26 South	No 27 North	No 27 South
8+94.6 Date ✓	Date ✓	Date ✓
1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 IN	2 IN
3	3	3 IN
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4

Spillway Extension

Sidewall Anchors

No 28 North		No 28 South		No 29 North		No 29 South		No 30 North		No 30 South	
9+00.3	Date	✓	Date	9+06.0	Date	✓	Date	9+11.7	Date	✓	Date
1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34
2	1N	2	1N	2	1N	2	1N	2	1N	2	1N
3		3		3		3		3		3	
4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34
4		4		4		4		4		4	

No 31 North		No 31 South		No 32 North		No 32 South		No 33 North		No 33 South	
9+17.5	Date	✓	Date	9+23.2	Date	✓	Date	9+28.9	Date	✓	Date
1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34	1	10-22-34
2	1N	2	1N	2	1N	2	1N	2	1N	2	1N
3		3		3		3		3		3	
4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-22-34
4		4		4		4		4		4	

No 34 North		No 34 South		No 35 North		No 35 South		No 36 North		No 36 South	
9+34.6	Date	✓	Date	9+40.4	Date	✓	Date	9+46.1	Date	✓	Date
1	10-22-34	1	10-22-34	1	10-22-34	1	10-24-34	1	10-22-34	1	10-24-34
2	1N	2	1N	2	1N	2	1N	2	1N	2	1N
3		3		3		3		3		3	
4 R	10-22-34	4 R	10-22-34	4 R	10-22-34	4 R	10-24-34	4 R	10-22-34	4 R	10-24-34
4		4		4		4		4		4	

## Spillway Extension

## Sidewall Anchors.

No 37 North	No 37 South	No 38 North	No 38 South	No 39 North	No 39 South
9451.8		9457.5		9463.3	
1 10-22-34	1 10-24-34	1 10-22-34	1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 10-22-34	2 IN	2 IN	2 IN	2 IN
3 IN	3 IN	3 IN	3 IN	3 IN	3 IN
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4	4	4	4

No 40 North	No 40 South	No 41 North	No 41 South	No 42 North	No 42 South
9469.0		9474.7		9480.4	
1 10-22-34	1 10-22-34	1 10-22-34	1 10-22-34	1 10-22-34	1 10-22-34
2 IN	2 IN	2 IN	2 IN	2 IN	2 IN
3 IN	3 IN	3 IN	3 IN	3 IN	3 IN
4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34	4 R-10-22-34
4	4	4	4	4	4

No 43 North	No 43 South	No 44 North	No 44 South	No 45 North	No 45 South
9486.1		9491.9		9497.6	
1 10-22-34	1 10-18-34	1 10-22-34	1 10-18-34	1 10-22-34	1 10-18-34
2 IN	2 IN	2 IN	2 IN	2 IN	2 IN
3 IN	3 IN	3 IN	3 IN	3 IN	3 IN
4 R-10-22-34	4 R-10-18-34	4 R-10-22-34	4 R-10-18-34	4 R-10-22-34	4 R-10-18-34
4	4	4	4	4	4



Spillway Extension

Sidewall Anchors

No 46	North	No 46	South	No 47	North
10+23.3	Date	✓	Date	10+29.0	Date
1	10-22-34	1	R-10-18-34	1	10-22-34
2	IN	2	RT 10-22-34	2	IN
3		3	R-10-18-34	3	
4 R	10-22-34	4	RT 10-25-34	4 R	10-22-34
	4		4		4

No 47	South	No 48	North	No 48	South
✓	Date	10+14.8	Date	✓	Date
1	10-18-34	1	10-22-34	1	10-18-34
2	IN	2	IN	2	IN
3		3		3	
4 R	10-18-34	4 R	10-22-34	4 R	10-18-34
	4		4		4

No 49	North	No 49	South	No 50	North
10+20.5	Date	✓	Date	10+26.2	Date
1	10-22-34	1	10-18-34	1	10-22-34
2	IN	2	10-18-34	2	IN
3		3	R-10-18-34	3	
4 R	10-22-34	4	RT 10-25-34	4 R	10-22-34
	4		4		4

No 50	South	No 51	North	No 51	South
✓	Date	10+31.9	Date	✓	Date
1	10-18-34	1	10-22-34	1	10-18-34
2	10-18-34	2	IN	2	IN
3	RT 10-18-34	3		3	
4 R	10-25-34	4 R	10-22-34	4 R	10-18-34
	4		4		4

No 52	North	No 52	South	No 53	North
10+37.7	Date	✓	Date	10+43.4	Date
1	10-22-34	1	10-18-34	1	10-22-34
2	IN	2	IN	2	
3		3		3	IN
4	10-22-34	4	R-10-18-34	4	IN
5 R	10-25-34	5	R-10-25-34	5	RT 10-22-34
EXT-R		EXT			
	5		5		5

No 52	South	No 54	North	No 54	South
✓	Date	10+49.1	Date	✓	Date
1	10-18-34	1	10-22-34	1	10-18-34
2	10-18-34	2		2	
3	IN	3		3	IN
4 R	10-18-34	4		4	IN
5	RT 10-25-34	5	R 10-23-34	5	RT 10-25-34
	5		5		5

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Spillway Extension

Sidewall Anchors

No 55	North	No 55	South	No 56	North
10+54.8	Date	✓	Date	10+60.6	Date
1	10-23-34	1	10-18-34	1	10-23-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	R-10-23-34	5	R-10-18-34	5	R-10-23-34
5	5	5	5	5	5

No 56	South	No 57	North	No 57	South
10+66.3	Date	✓	Date	10+66.3	Date
1	10-18-34	1	10-23-34	1	10-18-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	R-10-18-34	5	R-10-23-34	5	R-10-18-34
6	R-10-24-34	6	R-10-25-34	6	R-10-25-34
6	6	6	6	6	6

No 58	North	No 58	South	No 59	North
10+72.0	Date	✓	Date	10+77.7	Date
1	10-23-34	1	10-18-34	1	10-23-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	R-10-23-34	5	R-10-18-34	5	R-10-23-34
6	R-10-24-34	6	R-10-18-34	6	R-10-23-34
6	6	6	6	6	6

No 59	South	No 60	North	No 60	South
10+83.5	Date	✓	Date	10+83.5	Date
1	10-18-34	1	10-23-34	1	10-18-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	IN	5	IN	5	IN
6	R-10-18-34	6	R-10-23-34	6	R-10-18-34
7	R-10-24-34	7	R-10-24-34	7	R-10-24-34
7	7	7	7	7	7

No 61	North	No 61	South	No 62	North
10+89.2	Date	✓	Date	10+94.9	Date
1	10-23-34	1	10-18-34	1	10-23-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	IN	5	IN	5	IN
6	R-10-23-34	6	R-10-18-34	6	R-10-23-34
7	R-10-23-34	7	R-10-25-34	7	R-10-23-34
7	7	7	7	7	7

No 62	South	No 63	North	No 63	South
11+00.6	Date	✓	Date	11+00.6	Date
1	10-18-34	1	10-23-34	1	10-18-34
2	IN	2	IN	2	IN
3	IN	3	IN	3	IN
4	IN	4	IN	4	IN
5	R-10-18-34	5	R-10-23-34	5	R-10-18-34
6	R-10-24-34	6	R-10-25-34	6	R-10-25-34
7	R-10-25-34	7	R-10-25-34	7	R-10-25-34
7	7	7	7	7	7

## Spillway Extension

No 64 North	No 64 South	No 65 North
11+06.3 Date	✓ Date	11+12.1 Date
1 10-23-34	1 10-19-34	1 10-27-34
2	2	2
3	3	3
4	4	4
5 IN	5	5 IN
6	6 R-10-18-34	6
7 R-10-23-34	7 R-10-25-34	7
		8 R-10-29-34
7	7	8

No 67 North	No 67 South	No 68 North
11+24.0 Date	✓ Date	11+30.0 Date
1 10-24-34	1 10-18-34	1 10-24-34
2	2	2
3	3	3
4	4	4
5 IN	5	5 IN
6	6	6
7	7	7
8	8	8
9 R 10-24-34	9 R-10-18-34	9 R-10-24-34
9	9	9

## Sidewall Anchors

No 65 South	No 66 North	No 66 South
11+18.0 Date	✓ Date	11+17.0 Date
1 10-18-34	1 10-24-34	1 10-17-34
2	2	2
3	3	3
4	4	4
5 IN	5 IN	5 IN
6	6	6
7 R-10-18-34	7	7
8 R-10-25-34	8 R-10-24-34	8 R-10-17-34
9	8	8

No 68 South	No 69 North	No 69 South
11+36.0 Date	✓ Date	11+36.0 Date
1 11-1-34	1 10-24-34	1 + 10-10-34
2 R-10-10-34	2	2 + 10-10-34
3 8-10-34	3	3 - 8-10-34
4 8-10-"	4	4 - 8-10-"
5 8-10-"	5	5 - 8-10-"
6 8-10-"	6 IN	6 - 8-10-"
7 8-10-"	7	7 - 8-10-"
8 8-10-"	8	8 - 8-10-"
9 8-10-34	9 R-10-24-34	9 - 8-10-34
R		R
9	9	9

Spillway Extension

Sidewall Anchors

No 70	North	No 70	South	No 71	North
11442	Date	✓	Date	11480	Date
1	10-29-34	1 +	10-10-34	1	10-29-34
2		2 +	10-10-34	2	
3		3	8-10-34 ✓	3	
4		4	8-10-11 ✓	4	
5		5	8-10-11 ✓	5	
6	IN	6	8-10-11 ✓	6	IN
7		7	8-10-11 ✓	7	
8		8	8-10-34 ✓	8	
9	R-10-29-34	9	8-10-34 ✓	9	R-10-29-34
		10	R-10-18-34		
9		EXT	10	9	

No 71	South	No 72	North	No 72	South
✓	Date	114540	Date	✓	Date
1	10-10-34	1	10-29-34	1	10-6-34
2	8-10-34 ✓	2		2	10-6-11
3	8-6-34 ✓	3		3	10-6-34
4	10-10-34	4		4	10-6-34
5	8-6-34 ✓	5		5	8-6-34
6	8-6-34 ✓	6		6	8-6-34
7	8-6-34 ✓	7		7	IN
8	8-6-34 ✓	8		8	8-6-34
9	R-8-6-34 ✓	9	R-10-29-34	9	8-6-34
10	R-10-18-34	10	R-10-29-34	10	8-6-34
	EXTRA	10			R
					10

No 73	North	No 73	South	No 74	North
11460.0	Date	✓	Date	11466.0	Date
1	10-29-34	1 +	10-6-34 ✓	1	10-29-34
2		2 +	10-6-34 ✓	2	
3		3 +	10-6-34 ✓	3	
4	NOT IN	4	8-10-34 ✓	4	
5		5	8-10-11 ✓	5	
6		6	8-10-11 ✓	6	IN
7		7	8-10-11 ✓	7	
8		8	8-10-11 ✓	8	
9		9	8-10-11 ✓	9	
10	R-10-29-34	10	8-10-34 ✓	10	R-10-29-34
			R		
10			10	10	

No 74	South	No 75	North	No 75	South
✓	Date	11472.0	Date	✓	Date
1	10-6-34 ✓	1	10-29-34	1	10-6-34
2	10-6-34 ✓	2		2	10-6-34
3	10-6-34 ✓	3		3	10-6-34
4	8-10-34 ✓	4		4	8-10-34
5	8-10-11 ✓	5		5	8-10-11
6	8-10-11 ✓	6		6	8-10-11
7	8-10-11 ✓	7		7	8-10-11
8	8-10-11 ✓	8		8	8-10-11
9	8-10-11 ✓	9		9	8-10-11
10	8-10-34 ✓	10	R-10-29-34	10	8-10-34
	EXTRA				R
					11
					EXT
					11

Spillway Extension

Sidewall Anchors

No 76	North	No 76	South	No 77	North
11+78.0	Date	✓	Date	11+84.0	Date
1	10-29-34		1 - 10-6-34 ✓	1	10-29-34
2			2 + 10-6-34 ✓	2	
3			3 + 10-6-34 ✓	3	
4			4 + 8-10-34 ✓	4	
5			5 8-10-11 ✓	5	
6	IN		6 8-10-11 ✓	6	IN
7			7 8-10-11 ✓	7	
8			8 8-10-11 ✓	8	
9			9 8-10-11 ✓	9	
10	R-10-29-34		10 8-10-34 ✓	10	R-10-29-34
11			11 8-10-34 ✓ R	11	
10			11	10	

No 77	South	No 78	North	No 78	South
11+90.0	Date	✓	Date	11+90.0	Date
1 +	10-6-34 ✓	1	10-29-34	1 +	10-6-34 ✓
2 +	10-6-11 ✓	2		2 +	10-6-34 ✓
3	8-10-34 ✓	3		3	8-10-34 ✓
4	8-10-11 ✓	4		4	8-10-11 ✓
5	8-10-11 ✓	5		5	8-10-11 ✓
6	8-10-11 ✓	6		6	8-10-11 ✓
7	8-10-11 ✓	7		7	8-10-11 ✓
8	8-10-11 ✓	8		8	8-10-11 ✓
9	8-10-11 ✓	9		9	8-10-11 ✓
10	8-10-34 ✓	10	R-10-29-34	10	8-10-34 ✓
11 R-	10-18-34 ✓	11	R-10-18-34 ✓	11	R-10-18-34 ✓
EXT		EXT		EXT	
11		10		11	

No 79	North	No 79	South	No 80	North
11+96.0	Date	✓	Date	12+02.0	Date
1 +	10-29-34		1 + 10-6-34 ✓	1	10-29-34
2			2 + 10-6-34 ✓	2	
3			3 + 10-10-34 ✓	3	
4			4 8-10-34 ✓	4	
5			5 8-10-11 ✓	5	
6	IN		6 8-10-11 ✓	6	IN
7			7 8-10-11 ✓	7	
8			8 8-10-11 ✓	8	
9			9 8-10-11 ✓	9	
10	R-10-29-34		10 8-10-34 ✓	10	R-10-29-34
			11 R-10-18-34 ✓ R	11	
10			11	10	

No 80	South	No 81	North	No 81	South
12+08.0	Date	✓	Date	12+08.0	Date
1 +	10-6-34 ✓	1	10-29-34	1 +	10-6-34 ✓
2	8-10-11 ✓	2		2	8-10-34 ✓
3	8-10-11 ✓	3		3	8-10-11 ✓
4	8-10-11 ✓	4		4	8-10-11 ✓
5	8-10-11 ✓	5		5	8-10-11 ✓
6	8-10-11 ✓	6		6	8-10-11 ✓
7	8-10-11 ✓	7		7	8-10-11 ✓
8	8-10-11 ✓	8		8	8-10-11 ✓
9	8-10-11 ✓	9		9	8-10-11 ✓
10	8-10-34 ✓	10	R-10-29-34	10	8-10-34 ✓
11 R-	10-18-34 ✓	11	R-10-18-34 ✓	11	R-10-18-34 ✓
EXT		EXT		EXT	
11		10		11	

126



Spillway Extension

Sidewall Anchors

No 88 North No 88 South No 89 North

No 89 South No 90 North No 90 South

12+50.0 Date ✓ Date 12+56.0 Date ✓

✓ Date 12+62.0 Date ✓ Date

1	10-29-34	1 +	10-6-34	1	10-29-34
2		2	8-9-34	2	
3		3	8-9	3	
4		4	8-9	4	
5		5	8-9	5	
6		6	8-9	6	
7		7	8-9	7	
8		8	8-9	8	
9	R-10-29-34	9	8-9	9	R-10-29-34
		+10	8-9-34		
		EXTRA?	R		

1	10-29-34	1 +	10-6-34	1	10-29-34
2		2	8-9-34	2	
3		3	8-9	3	
4		4	8-9	4	
5		5	8-9	5	
6		6	8-9	6	
7		7	8-9	7	
8		8	8-9	8	
9	8-9-34	9	8-9-34	9	R-10-29-34
			R		

9. 10 9 9 9

No 91 North No 91 South No 92 North

No 92 South No 93 North No 93 South

12+68.0 Date ✓ Date 12+74.0 Date ✓

✓ Date 12+80.0 Date ✓ Date

1	10-29-34	1 +	10-6-34	1	10-29-34
2		2	8-9-34	2	
3		3	8-9	3	
4		4	8-9	4	
5		5	8-9	5	
6		6	8-9	6	
7		7	8-9	7	
8		8	8-9	8	
9	R-10-29-34	9	8-9-34	9	R-10-29-34
			R		

1	10-29-34	1 +	10-6-34	1	10-29-34
2		2	8-9-34	2	
3		3	8-9	3	
4		4	8-9	4	
5		5	8-9	5	
6		6	8-9	6	
7		7	8-9	7	
8		8	8-9	8	
9	8-9	9	8-9	9	R-10-29-34
			R		

9 9 9 9 9

BUNKER IN-WAY

108

Spillway Extension

Sidewall Anchors

No 94	North	No 94	South	No 95	North
12+86.0	Date	✓	Date	12+92.0	Date
1	10-29-34		1 + 11-19-34	1	10-29-34
2			2	2	
3			3	3	
4			4	4	
5			5	5	
6			6	6	
7			7	7	
8			8 ?	8	
9	R-10-29-34		9	9	R-10-29-34
		BUNKER IN-WAY	A		BUNKER IN-WAY

No 95	South	No 96	North	No 96	South
12+98.0	Date	✓	Date	12+98.0	Date
1	10-6-34		1	10-29-34	1
2 ?	8-9-34		2	10-29-34	2
3	8-9		3	10-3-34	3
4	8-9		4	10-3-"	4
5	8-9		5	10-3-"	5
6	8-9		6	10-3-"	6
7	8-9		7	10-3-"	7
8	8-9-34		8	10-3-"	8
9			9	10-3-"	9
		BUNKER IN-WAY	R		BUNKER IN-WAY

10

8

9

8

9

8

No 97	North	No 97	South	No 98	North
13+04	Date	✓	Date	13+10.0	Date
1	10-31-34		1	8-9-34	1
2	10-3-34		2	8-9	2
3	10-3-"		3	8-9	3
4	11-3-"		4	8-9	4
5	10-3-"		5	8-9	5
6	10-3-"		6	8-9	6
7	10-3-"		7	8-9	7
8	10-3-"		8	8-9-34	8
	R		R		R
	8		8		8

No 98	South	No 99	North	No 99	South
13+16.0	Date	✓	Date	13+16.0	Date
1	8-9-34		1	10-3-34	1
2	8-9		2	10-3-"	2
3	8-9		3	10-3-"	3
4	8-9		4	10-3-"	4
5	8-9		5	10-3-"	5
6	8-9		6	10-3-"	6
7	8-9		7	10-3-"	7
8	8-9-34		8	10-3-"	8
	R		R		R
	8		8		8

+  
100

(100)



## Spillway Extension.

No 100				No 101				No 102			
North	No 100	South	No 101	North	No 101	South	No 102	North	No 102	South	
13+28.0	Date	✓	Date	13+28.0	Date	✓	Date	13+34.0	Date	✓	Date
1	10-3-34	1	8-9-34 ✓	1	10-7-34	1	8-7-34 ✓	1	10-3-34	1	8-7-34 ✓
2	10-3-11	2	8-7-34 ✓	2	10-3-11	2	8-7-34 ✓	2	10-3-11	2	8-7-34 ✓
3	10-3-11	3	8-7-34 ✓	3	10-3-11	3	8-7-34 ✓	3	10-3-11	3	8-7-34 ✓
4	10-3-11	4	8-7-34 ✓	4	10-3-11	4	8-7-34 ✓	4	10-3-11	4	8-7-34 ✓
5	10-3-11	5	8-7-34 ✓	5	10-3-11	5	8-7-34 ✓	5	10-3-11	5	8-7-34 ✓
6	10-3-11	6	8-7-34 ✓	6	10-3-11	6	8-7-34 ✓	6	10-3-11	6	8-7-34 ✓
7	10-3-11	7	8-7-34 ✓	7	10-3-11	7	8-7-34 ✓	7	10-3-11	7	8-7-34 ✓
8	10-3-11	8	8-7-34 ✓	8	10-3-34	8	8-7-34 ✓	8	10-3-11	8	8-9-34 ✓
	R		R		R		R		R		R
8			8		8		8		8		8

No 103				No 104				105			
North	No 103	South	No 104	North	No 104	South	105	North	105	South	
13+40	Date	✓	Date	13+46.0	Date	✓	Date	13+52.0	Date	✓	Date
1	10-3-34	1	8-7-34 ✓	1	10-3-34	1	8-7-34 ✓	1	10-3-34	1	8-7 ✓
2	10-3-11	2	8-7 ✓	2	10-3-11	2	8-7 ✓	2	10-3-11	2	8-7 ✓
3	10-3-11	3	8-7 ✓	3	10-3-11	3	8-7 ✓	3	10-3-11	3	8-7 ✓
4	10-3-11	4	8-7 ✓	4	10-3-11	4	8-7 ✓	4	10-3-11	4	8-7 ✓
5	10-3-11	5	8-7 ✓	5	10-3-11	5	8-7 ✓	5	10-3-11	5	8-7 ✓
6	10-3-11	6	8-7 ✓	6	10-3-11	6	8-7 ✓	6	10-3-11	6	8-7 ✓
7	10-3-11	7	8-7 ✓	7	10-3-11	7	8-7 ✓	7	10-3-11	7	8-7 ✓
8	10-3-11	8	8-9-34 ✓	8	10-3-11	8	8-7 ✓	8	10-3-11	8	8-7 ✓
	R		R		R		R		R		R
8			8		8		8		8		8

Spillway Extension

Sidewall Anchors.

No 112	North	No 112	South	No 113	North
13+94.0	Date	✓	Date	14+00.0	Date
1	10-3-34	1	8-6-34	1	10-3-34
2	10-3-11	2	8-6-34	2	10-3-11
3	10-3-11	3	8-6-34	3	10-3-11
4	10-3-11	4	8-6-34	4	10-3-11
5	10-3-11	5	8-6-34	5	10-3-11
6	10-3-11	6	8-6-34	6	10-3-11
7	10-3-34	7	8-6-34	7	10-3-11

No 113	South	No 114	North	No 114	South
✓	Date	14+06.0	Date	✓	Date
1	8-6-34	1	10-3-34	1	8-6-34
2	8-6-34	2	10-3-11	2	8-7-34
3	8-7-34	3	10-3-11	3	8-7-34
4	8-7-34	4	10-3-11	4	8-7-11
5	8-7-34	5	10-3-11	5	8-7-11
6	8-7-34	6	10-3-11	6	8-7-11
7	8-7-34	7	10-3-11	7	8-7-11

No 115	North	No 115	South	No 116	North
14+12.0	Date	✓	Date	14+18.0	Date
1	10-3-34	1	8-6-34	1	10-3-34
2	10-3-11	2	8-7-34	2	10-3-11
3	10-3-11	3	8-7-11	3	10-3-11
4	10-3-11	4	8-7-11	4	10-3-11
5	10-3-11	5	8-7-11	5	10-3-11
6	10-3-11	6	8-7-11	6	10-3-11
7	10-3-11	7	8-7-34	7	10-3-11

No 116	South	No 117	North	No 117	South
✓	Date	14+24.0	Date	✓	Date
1	8-7-34	1	10-3-34	1	8-7-34
2	8-7	2	10-3-11	2	8-7-34
3	8-7	3	10-3-11	3	8-7-34
4	8-7	4	10-3-11	4	8-7-34
5	8-7	5	10-3-11	5	8-8
6	8-7	6	10-3-11	6	8-7-34
7	8-7-34	7	10-3-11	7 EXTRA	8-7-34

No 118	North	No 118	South	No 119	North
14+30.0	Date	✓	Date	14+36.0	Date
1	8-8-34	1	8-8-34	1	10-2-34
2	10-2-11	2	8-8	2	10-2-11
3	10-2-11	3	8-8	3	10-2-11
4	10-2-11	4	8-8	4	10-2-11
5	10-2-11	5	8-8	5	10-2-11
6	10-2-11	6	8-8-34	6	10-2-11
7 EXTRA	10-2-34		R		R

No 119	South	No 120	North	No 120	South
✓	Date	14+42.0	Date	✓	Date
1	8-8-34	1	10-2-34	1	8-8-34
2	8-8	2	10-2-11	2	8-8
3	8-8	3	10-2-11	3	8-8
4	8-8	4	10-2-11	4	8-8
5	8-8	5	10-2-11	5	8-8
6	8-8-34	6	10-2-11	6	8-8-34
	R		R		R

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Spillway Extension

Sidewall Anchors

No 112	North	No 112	South	No 113	North
13+94.0	Date	✓	Date	14+00.0	Date
1	10-3-34	1	8-6-34	1	10-3-34
2	10-3-11	2	8-6-34	2	10-3-11
3	10-3-11	3	8-6-34	3	10-3-11
4	10-3-11	4	8-6-34	4	10-3-11
5	10-3-11	5	8-6-34	5	10-3-11
6	10-3-11	6	8-6-34	6	10-3-11
7	10-3-34	7	8-6-34	7	10-3-11

No 113	South	No 114	North	No 114	South
✓	Date	14+06.0	Date	✓	Date
1	8-6-34	1	10-3-34	1	8-6-34
2	8-6-34	2	10-3-11	2	8-7-34
3	8-7-34	3	10-3-11	3	8-7-34
4	8-7-34	4	10-3-11	4	8-7-11
5	8-7-34	5	10-3-11	5	8-7-11
6	8-7-34	6	10-3-11	6	8-7-11
7	8-7-34	7	10-3-11	7	8-7-11

No 115	North	No 115	South	No 116	North
14+12.0	Date	✓	Date	14+18.0	Date
1	10-3-34	1	8-6-34	1	10-3-34
2	10-3-11	2	8-7-34	2	10-3-11
3	10-3-11	3	8-7-11	3	10-3-11
4	10-3-11	4	8-7-11	4	10-3-11
5	10-3-11	5	8-7-11	5	10-3-11
6	10-3-11	6	8-7-11	6	10-3-11
7	10-3-11	7	8-7-34	7	10-3-11

No 116	South	No 117	North	No 117	South
✓	Date	14+24.0	Date	✓	Date
1	8-7-34	1	10-3-34	1	8-7-34
2	8-7	2	10-3-11	2	8-7-34
3	8-7	3	10-3-11	3	8-7-34
4	8-7	4	10-3-11	4	8-7-34
5	8-7	5	10-3-11	5	8-8
6	8-7	6	10-3-11	6	8-7-34
7	8-7-34	7	10-3-11	7 EXTRA	8-7-34

No 118	North	No 118	South	No 119	North
14+30.0	Date	✓	Date	14+36.0	Date
1	8-8-34	1	8-7-34	1	10-2-34
2	10-2-11	2	8-8	2	10-2-11
3	10-2-11	3	8-8	3	10-2-11
4	10-2-11	4	8-8	4	10-2-11
5	10-2-11	5	8-8	5	10-2-11
6	10-2-11	6	8-8-34	6	10-2-11
7 EXTRA	10-2-34	7	13	7	R

No 119	South	No 120	North	No 120	South
✓	Date	14+42.0	Date	✓	Date
1	8-8-34	1	10-2-34	1	8-5-34
2	8-8	2	10-2-11	2	8-8
3	8-8	3	10-2-11	3	8-8
4	8-8	4	10-2-11	4	8-8
5	8-8	5	10-2-11	5	8-8
6	8-8-24	6	10-2-11	6	8-8-34
7	R	7	R	7	R

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Spillway Extension

Sidewall Anchors

No 121	North	No 121	South	No 122	North
14448.0	Date	✓	Date	14454.0	Date
1	10-3-34	1	8-8-34	1	10-2-34
2	10-2-34	2	8-8-	2	10-2-11
3	10-2-34	3	8-8	3	10-2-11
4	10-2-11	4	8-8-	4	10-2-11
5	10-2-11	5	8-8	5	10-2-11
6	10-2-11	6	8-8-34	6	10-2-11
	R		R		R
	6		6		6

No 122	South	No 123	North	No 123	South
14460	Date	✓	Date	14460	Date
1	8-8-34	1	10-2-34	1	8-8-34
2	8-8-34	2	10-2-11	2	8-8-
3	8-8-	3	10-2-11	3	8-8-
4	8-8-	4	10-2-11	4	8-8-
5	8-8-	5	10-2-11	5	8-8-
6	8-8-34	6	10-2-11	6	8-8-34
	R		R		R
	6		6		6

No 124	North	No 124	South	No 125	North
14466.0	Date	✓	Date	14472.0	Date
1	10-2-34	1	8-8-34	1	10-2-34
2	10-9-11	2	8-8	2	10-2-11
3	10-2-11	3	8-8	3	10-2-11
4	10-2-11	4	8-8	4	10-2-11
5	10-2-11	5	8-8	5	10-2-11
6	10-2-11	6	8-8-34	6	10-2-11
	R		R		R
	6		6		6

No 125	South	No 126	North	No 126	South
14478.0	Date	✓	Date	14478.0	Date
1	8-8-34	1	10-2-34	1	8-8-34
2	8-8	2	10-2-34	2	8-8-
3	8-8	3	10-2-34	3	8-8-
4	8-8	4	10-2-11	4	8-8-
5	8-8	5	10-2-11	5	8-8-34
6	8-8-34	6 EXT	10-2-11		R
	R		R		
	6		6		6

No 127	North	No 127	South	No 128	North
14484.0	Date	✓	Date	14490.0	Date
1	10-2-34	1	8-8-34	1	10-2-34
2	10-2-11	2	8-8-	2	10-2-34
3	10-2-11	3	8-8	3	10-2-34
4	10-2-11	4	8-8-	4	10-2-34
5	10-2-11	5	8-8-34	5	10-2-34
	R		R		R
	5		5		5

No 128	South	No 129	North	No 129	South
14496.0	Date	✓	Date	14496.0	Date
1	8-8-34	1	10-2-34	1	8-8-34
2	8-8	2	10-2-11	2	8-8-
3	8-8	3	10-2-11	3	8-8-
4	8-8	4	10-2-11	4	8-8-
5	8-8-34	5	10-2-11	5	8-8-34
	R		R		R
	5		5		5

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## Spillway Extension

No 130	North	No 130	South	No 131	North
15702.0	Date	✓	Date	15708.0	Date
1	10-2-34	1	10-4-34	1	10-2-34
2	10-2-"	2	10-4-34	2	10-2-34
3	10-2-"	3	10-4-34	3	10-2-"
4	10-2-"	4	10-4-34	4	10-2-"
5	10-2-"	5	10-4-"	5	10-2-"
	R		R		R
	5		5		5

No 133	North	No 133	South	No 134	North
15720.0	Date	✓	Date	15726.0	Date
1	10-2-34	1	1-10-34	1	10-2-34
2	10-2-"	2	SAND	2	10-2-34
3	10-2-"	3	SAND	3	10-2-"
4	10-2-"	4	SAND	4	10-2-34
5	10-2-"	5	SAND	5	10-2-"
	R		R		R
	5		1		5

No 136	North	No 136	South	No 137	North
15738.0	Date	✓	Date	15744.0	Date
1	10-2-34	1	10-4-34	1	10-2-34
2	10-2	2	<del>X</del>	2	10-2-"
3	10-2	3	NOT IN	3	10-2-"
4	10-2	4	<del>X</del>	4	10-2-"
5	10-2-34	5	<del>X</del>	5	10-2-"
	R		R		R
	5		1		5

## Sidewall Anchors

No 131	South	No 132	North	No 132	South
✓	Date	15714.0	Date	✓	Date
1	10-4-34	1	10-2-34	1	10-4-34
2	10-4-34	2	10-2-"	2	10-4-34
3	10-4-34	3	10-2-"	3	10-4-34
4	+ SAND	4	10-2-"	4	+ SAND
5	+ SAND	5	10-2-"	5	+ SAND
	R		R		R
	3		5		2

No 134	South	No 135	North	No 135	South
✓	Date	15732.0	Date	✓	Date
1	10-4-34	1	10-2-34	1	10-4-34
2	SAND	2	10-2-"	2	SAND
3	SAND	3	10-2-"	3	SAND
4	SAND	4	10-2-"	4	SAND
5	SAND	5	10-2-"	5	SAND
	R		R		R
	1		5		1

No 137	South	25-ANCHORS	
✓	Date	LEFT-OFT	
1	<del>X</del>	ON-SOUTH-WALL	
2	<del>X</del>	DOWN-STIR	
3	<del>X</del>		
4	<del>X</del>		
5	<del>X</del>		
	R		



## Railway Extension

## Floor Anchors

No 1 N	Date	No 1 S	Date	No 2 N	Date	No 2 S	Date	No 3 N	Date	No 3 S	Date
1	10-19-34		10-19-34		10-19-34	1	10-19-34		10-19-34		10-19-34
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8						8					
9						9					
10						10					
11						11					
12						12					
13						13					
14						14					
15						15					
16						16					
17						17					
18						18					
19						19					
20						20					
21						21					
22						22					
23	R 10-19-34		R 11-27-34		R 10-19-34	23	R 11-26-34		R 10-19-34		R 11-28-34

0-SOUTH  
1 TO 9  
9-ANCHORS-IN

0-SOUTH FLOOR  
11-26-34  
10 TO 23 IN

0-NORTH  
1 TO 23-IN  
23-IN

23

23

23

23

23

23

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Spillway Extensions

Floor Anchors

No 4N	Date	No 4S	Date	No 5N	Date	No 5S	Date	No 6N	Date	No 6S	Date
1	10-18-34		10-18-34		10-18-34	1	10-18-34		10-18-34		10-18-34
2						2					
3						3					
4						4					
5			IN			5	IN				IN
6						6					
7			10-18-34			7	10-18-34				10-18-34
8			10-19-34			8	10-19-34				10-19-34
9			R 10-19-34			9	R 10-19-34	IN	IN		R 10-19-34
10	IN				IN	10					
11						11					
12						12					
13						13					
14						14					
15						15	IN				IN
16			IN			16					
17						17					
18						18					
19						19					
20						20					
21						21					
22	10-18-34				10-18-34	22					
23	R 10-19-34		R 11-28-34		R 10-19-34	23	R 11-28-34	R 10-18-34		R 11-28-34	
	23		23		23		23			23	



Spillway Extension				Floor Anchors.							
No 7N	Date	No 7S	Date	No 8N	Date	No 8S	Date	No 9N	Date	No 9S	Date
1	10-18-34		10-18-34		10-18-34	1	10-18-34		10-18-34		10-18-34
2						2					
3						3					
4						4					
5						5					
6			IN			6					IN
7						7	IN				
8						8					
9			R-10-18-34			9					
10						10					
11	IN				IN	11			IN		
12						12	R-10-18-34				R-10-18-34
13						13					
14						14					
15			IN			15					
16						16					
17						17	IN				IN
18						18					
19						19					
20						20					
21						21					
22						22					
23	R-10-18-34	11-28-34	R-11-28-34		R-10-18-34	23	R-11-28-34		R-10-18-34		R-11-28-34
	23		23		23		23		23		23

Spitway Extension

Floor Anchors

No 10 N	Date	No 10 S	Date	No 11 N	Date	No 11 S	Date	No 12 N	Date	No 12 S	Date
1	11-18-34		10-18-34		10-18-34	1	10-18-34		10-18-34		10-18-34
2						2					
3						3					
4						4					
5						5					
6						6					
7			IN			7	IN				IN
8						8					
9						9			IN		
10						10					
11						11					
12						12					
13	IN					13					
14		R-10-18-34				14	R-10-18-34				
15						15				R-10-18-34	
16						16					
17						17					
18						18	IN				
19			IN			19					IN
20						20					
21						21					
22						22					
23	R-10-18-34	R-11-28-34		R-10-18-34		23	R-11-28-34	R-10-18-34		R-11-28-34	
	23		23		23				23		23

Spillway Extension

Floor Anchors

No 13N	Date	No 13S	Date	No 14N	Date	No 14S	Date	No 15N	Date	No 15S	Date
1	10-18-34		10-18-34		10-18-34	1	10-18-34		10-18-34		10-18-34
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8			IN			8					
9						9	IN				
10						10					IN
11	IN				IN	11			IN		
12						12					
13						13					
14						14					
15			10-18-34			15	10-18-34				10-18-34
16						16					
17						17					
18			IN			18	IN				IN
19						19					
20			R-10-19-34			20	R-10-19-34				R-10-19-34
21						21					
22			IN			22	IN				IN
23	R-10-18-34		R-11-28-34		R-10-18-34	23	R-11-28-34		R-10-18-34		R-11-28-34
	23		23		23		23		23		23
							+				

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## Spillway Extensions

## Floor Anchors.

No 16N	Date	No 16S	Date	No 17N	Date	No 17S	Date	No 18N	Date	No 18S	Date
1	10-18-34	1	10-18-34	1	10-17-34	1	10-17-34		10-17-34		10-17-34
2		2		2		2					
3		3		3		3					
4		4		4		4					
5		5		5		5					
6		6		6		6					
7		7		7		7	IN				
8		8	IN	8		8					IN
9		9		9	IN	9			IN		
10		10		10		10					
11	IN	11		11		11					
12		12		12		12	10-17-34				
13		13		13		13	10-18-34				
14		14		14		14	10-18-34				
15		15	10-18-34	15		15	10-19-34				10-17-34
16		16		16		16					
17		17		17		17					
18		18	IN	18		18	IN				IN
19		19		19		19					
20		20	R-10-19-34	20		20	R-10-19-34				R-10-19-34
21		21		21		21	IN				IN
22	R-10-18-34	22	IN	22	R-10-17-34	22	R-11-28-34		R-10-17-34		R-11-28-34
23		23	R-11-28-34								
	22		23		22		22		22		22

## Spillway Extension

## Floor Anchors.

No. 19 N	Date	No. 19 S	Date	No. 20 N	Date	No. 20 S	Date	No. 21 N	Date	No. 21 S	Date
1	10-17-34		10-17-34		10-17-34	1	10-17-34		10-17-34		10-17-34
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8			IN			8					
9						9	IN				IN
10						10					
11	IN				IN	11			IN		
12						12					
13						13					
14			10-17-34			14					
15						15	10-17-34				
16						16					10-17-34
17						17					10-18-34
18						18	IN				10-18-34
19						19					10-18-34
20			R-10-19-34			20	R-10-18-34				R-10-18-34
21			IN			21	IN				IN
22	R-10-17-34		R-11-28-34		R-10-17-34	22	R-11-28-34		R-10-17-34		R-11-28-34
	22		22		22		22		22		22

Spillway Extension

Floor Anchors

No 22N Date No 22S Date No 23N Date

No 23S Date No 24N Date No 24S Date

1	10-17-34		10-17-34		10-17-34
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12	IN				
13					
14					
15					
16					
17					
18					
19					
20					
21					
22	R 10-17-34	R	10-18-34	R	10-17-34

22

21

22

1	10-17-34		10-17-34		10-17-34
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	IN				
12					
13					
14					
15					
16					
17					
18	10-17-34				
19	10-18-34				
20	10-18-34				
21	10-18-34				
22	R 10-18-34	R	10-17-34	R	10-18-34

22

22

22

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## Spillway Extension

## Floor Anchors.

No 25N	Date	No 25S	Date	No 26N	Date	No 26S	Date	No 27N	Date	No 27S	Date
1	10-17-34		10-17-34		10-17-34	1	10-17-34		10-17-34		10-17-34
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8						8					
9						9					
10						10					
11	IN					11	IN				
12						12					
13						13					
14						14					
15						15					
16						16					
17						17					
18			10-17-34			18					
19			10-18-34			19	10-17-34				10-17-34
20			10-18-34			20	10-18-34				10-18-34
21			10-18-34			21	10-18-34				10-18-34
22	R 10-17-34		R 10-18-34		R 10-17-34	22	R 10-18-34		R 10-17-34		R 10-18-34
	22		22		22		22		22		22

## Spillway Extension

No 28N	Date	No 28S	Date	No 29N	Date
1	10-16-34	10-16-34	10-16-34	10-16-34	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	IN	IN	IN	IN	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21		R-10-16-34			
22	R-10-16-34	R-10-18-34		R-10-16-34	

22

22

22

22

22

22

## Floor Anchors.

No 29S	Date	No 30N	Date	No 30S	Date
1	10-16-34	10-16-34	10-16-34	10-16-34	
2					
3					
4					
5					
6					
7					
8					
9	IN	IN			
10					
11					IN
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22	R-10-16-34	R-10-16-34		R-10-16-34	

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## Spillway Extension

No 31 N	Date	No 31 S	Date	No 32 N	Date
1	10-16-34		10-16-34	10-16-34	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	IN		IN		
12					
13				IN	
14					
15					
16					
17					
18					
19					
20					
21					
22	R-10-16-34		R-10-16-34	10-16-34 - R	
	22		22	22	

## Floor Anchors.

No 32 S	Date	No 33 N	Date	No 33 S	Date
1	10-16-34	1	10-16-34	1	10-16-34
2		2		2	
3		3		3	
4		4		4	
5		5		5	
6		6		6	
7		7		7	
8		8		8	
9		9		9	
10	IN	10		10	
11		11		11	IN
12		12		12	
13		13	IN	13	
14		14		14	
15		15		15	
16		16		16	
17		17		17	
18		18		18	
19		19		19	
20		20		20	
21	R-10-16-34	21	R-10-16-34	21	R-10-16-34
22		22		22	R-10-16-34
					X
	21		21		22



Spillway Extension

Floor Anchors

No 37N	Date	No 37S	Date	No 38N	Date
--------	------	--------	------	--------	------

No 38S	Date	No 39N	Date	No 39S	Date
--------	------	--------	------	--------	------

1	10-16-34		10-16-34		10-16-34
2					
3					
4					
5					
6					
7					
8					
9					
10					IN
11					
12	IN		IN		
13					
14					
15					
16					
17					
18					
19					
20					
21	R-10-16-34		R-10-16-34		R-10-16-34

1	10-16-34		10-16-34		10-15-34
2					
3					
4					
5					
6					
7					
8					
9					
10					IN
11					
12	IN				
13					
14					
15					
16					
17					
18					
19					
20					
21	R-10-16-34		R-10-16-34		R-10-15-34
					R-10-16-34

21		21		21		21		21
----	--	----	--	----	--	----	--	----

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## Spillway Extension

No. 40N Date. No. 40S Date. No. 41N Date.

1	10-16-34	10-15-34	10-17-34
2			
3			
4			
5			
6			
7			
8			
9	IN	IN	
10			
11			IN
12			
13			
14			
15			
16			
17			
18			
19			
20		10-15-34	R-10-17-34
21	R 10-16-34	R+ 10-16-34	

21

21

20

## Floor Anchors.

No. 41S Date. No. 42N Date. No. 42S Date.

1	10-15-34	10-17-34	10-16-34	10-15-34
2				
3				
4				
5				
6				
7				
8				
9	IN			
10			IN	
11				IN
12				
13				
14				
15				
16				
17				
18				
19				
20	10-15-34	10-17-34	10-17-34	R 10-15-34
21	R+ 16-16-34			10-17-34

21

20

21

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## Spillway Extension

No 43N	Date	No 43S	Date	No 44N	Date
1	10-15-34		10-15-34		10-15-34
2					
3					
4					
5					
6					
7					
8					
9	14				14
10					
11		14			
12					
13					
14					
15					
16					
17					
18					
19					
20	R 10-15-34	R 10-15-34		R 10-15-34	
21					
	20				
		20			
				20	

## Floor Anchors.

No 44S	Date	No 45N	Date	No 45S	Date
1	10-15-34		10-13-34		10-13-34
2					
3					
4					
5					
6					
7					
8					
9	14				14
10				14	
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	R 10-15-34		R 10-13-34		R 10-13-34
21					
	20			20	
					20

## Spillway Extension

## Floor Anchors.

No 46N	Date	No 46S	Date	No 47N	Date	No 47S	Date	No 48N	Date	No 48S	Date
1	10-13-34	1	+	1	10-13-34	1		10-13-34		10-16-34	
2		2		2		2					
3		3		3		3					
4		4		4		4					
5		5	+	5		5					
6		6		6		6					
7		7		7		7					
8		8		8		8					
9		9		9		9					
10		10		10	IN	10		IN			
11	IN	11	IN	11		11	IN			IN	
12		12		12		12					
13		13		13		13					
14		14		14		14					
15		15		15		15					
16		16		16		16					
17		17		17		17					
18		18		18		18					
19		19		19		19					
20	R-10-13-34	20	R-10-13-34	20	R-10-13-34	20	R-10-13-34	R-10-13-34		R-10-13-34	
21		21									

20

20

20

20

20

20

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## Spitway Extension

## Floor Anchors.

No 49N	Date	No 49S	Date	No 50N	Date	No 50S	Date	No 51N	Date	No 51S	Date
1	10-13-34		10-15-34		10-17-34	1	10-13-34		10-13-34		10-15-34
2						2					
3						3					
4						4					
5						5					
6						6					
7						7					
8						8					1N
9						9					1N
10	1N		1N		1N	10					
11						11	1N				
12						12					1N
13						13					
14						14					1N
15						15					
16						16					
17						17					
18						18					
19						19					
20	R-10-13-34		R-10-13-34		R-10-13-34	20	R-10-13-34		R-10-13-34		R-10-13-34
	20		20		20		20		20		20

Spillway Extension

Floor Anchors.

No. 52N Date. No. 52S Date. No. 53N Date.

No. 53S Date. No. 54N Date. No. 54S Date.

1	10-16-34	10-16-34	10-16-34
2			
3			
4			
5			
6			
7			
8			
9			
10	1N	1N	1N
11			
12			
13			
14			
15			
16			
17			
18			
19	R-10-16-34		R-10-16-34
20		R-10-13-34	

1	10-16-34	10-16-34	10-10-34
2			
3			
4			
5			
6			
7			
8			
9		1N	1N
10	1N		
11			
12			
13			
14			
15			
16			
17			
18			
19		R-10-16-34	10-10-34
20	R-10-13-34		R-10-11-34

19

20

19

20

19

20





Spillway Extension

Floor Anchors

No 58N Date No 58S Date No 59N Date

No 59S Date No 60N Date No 60S Date

1	10-10-34	10-10-34	10-11-34
2			
3			
4			
5			
6			
7			
8			
9			
10		1N	1N
11	1N		
12			
13			
14			
15			
16			
17			
18			
19	R 10-	R 10-10-34	R 10-11-34
20			

1	10-10-34	10-11-34	10-10-34
2			
3			
4			
5			
6			
7			
8			
9	1N		
10			
11		1N	1N
12			
13			
14			
15			
16			
17			
18			
19	R 10-10-34	R 10-11-34	R 10-10-34
20			

+  
+  
+

19                      19                      19                      19                      19

114

## Spillway Extension

No 61N	Date	No 61S	Date	No 62N	Date
1	10-10-34	10-10-34		10-10-34	
2					
3					
4					
5					
6					
7					
8					
9		IN		73	
10					
11	IN				
12					
13					
14					
15					
16					
17				10-10-34	
18					
19	R 10-10-34	R 10-10-34		R 10-11-34	
20					

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## Floor Anchors.

No 62S	Date	No 63N	Date	No 63S	Date
1	10-10-34	10-10-34		10-10-34	
2					
3					
4					
5					
6					
7					
8					
9	IN	IN		IN	
10					
11					
12					
13					
14					
15					
16					
17					
18	10-10-34			10-10-34	
19	10-11-34 R	R	10-10-34	R 10-11-34	
20					

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114



Spillway Extension

Floor Anchors

No 67N	Date	No 67S	Date	No 68N	Date	No 68S	Date	No 69N	Date	No 69S	Date
1	10-8-34		10-10-34		10-8-34	1	10-10-34		10-8-34		10-10-34
2						2					
3						3					
4						4					
5						5					
6						6					
7	IN					7					
8						8					
9						9		IN			IN
10						10					
11					IN	11	IN				
12						12					
13	10-8-34					13					
14						14					
15						15					
16						16					
17	IN					17					
18					10-8-34R	18		R-10-8-34			
R 19	10-8-34		R-10-10-34			19	R-10-10-34				R-10-10-34
	19		19		18		19		18		19



## Spillway Extension

## Floor Anchors.

No. 73 N Date. No. 73 S Date. No. 74 N Date.

No. 73 N	Date	No. 73 S	Date	No. 74 N	Date
1	10-6-34	10-10-34	10-6-34		
2					
3					
4					
5					
6	IN			IN	
7					
8	10-6-34		10-6-34		
9	10-10-34		10-10-34		
10	10-6-34		10-6-34		
11					
12					
13					
14	IN			IN	
15					
16					
17	R-10-6-34		10-6-34 R		
+ 18	R-10-30-34		R-10-30-34		
19		R-10-10-34			

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18

No. 74 S Date. No. 75 N Date. No. 75 S Date.

No. 74 S	Date	No. 75 N	Date	No. 75 S	Date
1	10-10-34	10-6-34			10-10-34
2					
3					
4					
5					
6					
7					
8					
9		IN			IN
10					
11	IN				
12					
13					
14					
15					
16					
17		R-10-6-34			R-10-10-34
18		R-10-30-34			R-10-22-34
19	R-10-10-34				

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## Spillway Extension

No 76N	Date	No 76S	Date	No 77N	Date
1	10-6-34		10-8-34		10-6-34
2					
3					
4					
5					
6					
7					
8					
9	IN		IN		IN
10					
11					
12					
13					
14					
15					
16			10-8-34		
17	R 10-6-34	R 10-7-34		R 10-6-34	
18	R 10-30-34	R 10-22-34 +		R 10-30-34	
19					
	18		18		18

Floor Anchors					
No 77S	Date	No 78N	Date	No 78S	Date
1	10-5-34		10-5-34		10-5-34
2	10-8				
3	10-8				
4	+				
5	10-8-34				
6					IN
7					
8	IN				
9					
10					
11	10-5-34		IN		10-5-34
12					
13					
14					
15	IN				IN
16					
17	R 10-8-34		R 10-5-34		10-8-34
18	R 10-22-34 +		R 10-31-34		R 10-10-34
19					
	18		18		18



## Spillway Extension

No 79N	Date	No 79S	Date	No 80N	Date
1	10-5-34		10-8-34		10-5-34
2					
3					
4					
5					
6	IN				
7				IN	
8					
9					
10					
11	10-5-34		IN		10-5-34
12					
13					
14	IN				
15				IN	
16					
17	R-10-5-34		R 10-8-34		R-10-5-34
18	R-10-31-34		R 10-11-34		R-10-8-34
19			R-11-1-34		R-10-19-34

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## Floor Anchors.

No 80S	Date	No 81N	Date	No 81S	Date
1	10-8-34		10-5-34		10-8-34
2					
3					
4					
5				IN	
6					
7					
8					
9	IN				
10					IN
11				10-5-34	
12					
13					
14				IN	
15					
16					
17	R-10-8-34		R-10-5-34		R-10-8-34
18	R-10-19-34		R-10-31-34		R-10-19-34
19					

(108)

## Spillway Extension

No 82N	Date	No 82S	Date	No 83N	Date
1	10-5-34		10-6-34	10-5-34	
2				10-	
3				10-	
4				+	
5				10-	
6	IN			10-	
7				10-	
8				10-	
9				10-	
10		IN		10-	
11	10-5-34			10-5-34	
12				10	
13				10	
14	IN			10. IN	
15				10	
16				10	
17	R-10-5-34			R-10-5	
18	R-10-31-34 +	R-10-6-34		R-10-31-34	
19.				+	

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## Floor Anchors.

No 83S	Date	No 84N	Date	No 84S	Date
1	10-6-34	10-5-34		10-6-34	
2					
3					
4					
5					
6				IN	
7					
8					
9					
10	IN				IN
11		10-5-34			
12					
13					
14				IN	
15					
16					
17					
18	R-10-6-34	R-10-6-34		R-10-6-34	R-10-6-34
19					

108

## Spillway Extension.

No 85N	Date	No 85S	Date	No 86N	Date
1	10-5-34		10-6-34	10-5-34	
2					
3					
4					
5					
6	IN			IN	
7					
8					
9					
10					
11	10-5-34				
12				10-5-34	
13				10-6	
14				10-6	
15				10-6	
16				10-6	
17				10-6	
18	R 10-5-34		R 10-6-34	10-6	R
19	18		18	18	

No 88N	Date	No 88S	Date	No 89N	Date
1	9-25-34		9-25-34	9-25-34	
2	9-25-34		9-25-11	9-25-34	
3	9-25-34		9-25-11	9-26	
4	9-25-11		9-25-11	9-26	
5	9-25-11		9-25-11	9-26	
6	9-26		9-25-11	9-26	
7	9-26		9-25-11	9-26	
8	9-26		9-25-11	9-26	
9	9-26		9-25-11	9-26	
	R		R		R
	9		9		9

## Floor Anchors.

No 86S	Date	No 87N	Date	No 87S	Date
1	10-6-34	10-5-34		10-5-34	
2		10-5		10-6-11	
3		10-5		10-6-34	
4		10-5		10-6	
5		10-9		10-6	
6		10-5		10-6	
7		10-5		10-6	
8		10-5		10-6	
9		10-5		10-6	
10		10-5		10-6	
11		10-6		10-6	
12		10-6		10-6	
13		10-6		10-6	
14		10-6		10-6	
15		10-6		10-6	
16		10-6		10-6	
17		10-6		R 10-6-34	
18	R 10-6-34	10-6-R		R 10-14-34	
19	18	18		18	108

No 89S	Date	No 90N	Date	No 90S	Date
1	9-25-34	9-25-34	9-25-34	9-25-34	70
2	9-25-34	9-25-34	9-25-34	9-25-34	SOUTH
3	9-25-11	9-25-11	9-25-34	9-25-34	70
4	9-25-11	9-25-11	9-25-11	9-25-11	87
5	9-25-11	9-25-11	9-25-11	9-25-11	SOUTH
6	9-25-11	9-25-11	9-25-11	9-25-11	18IN
7	9-25-11	9-25-11	9-25-11	9-25-11	NO-ROOM
8	9-25-11	9-25-11	9-25-11	9-25-11	MOE
9	9-25-34	9-25-34	9-25-11	9-25-11	MOR
	R		R	R	9
	9		9	9	3-4

## Spillway Extension

Spillway Extension			Floor	Anchor's	49						
No 91 N	Date	No 91 S	Date	No 92 N	Date	No 92 S	Date	No 93 N	Date	No 93 S	Date
1	9-26-34	9-25-34	9-26-34	1	9-25-34	9-26-34	9-25-34				
2	9-26	9-25 "	9-26	2	9-25 "	9-26	9-25 "				
3	9-26 "	9-25 "	9-26	3	9-25 "	9-26	9-25 "				
4	9-26	9-25 "	9-26	4	9-25 "	9-26	9-25 "				
5	9-26 "	9-25 "	9-26	5	9-25 "	9-26	9-25 "				
6	9-26	9-25 "	9-26	6	9-25 "	9-26	9-25 "				
7	9-26	9-25 "	9-27	7	9-25 "	9-27	9-25 "				
8	9-26	9-25 "	9-27	8	9-25 "	9-27	9-25 "				
9	9-26 "	9-25 "	9-28	9	9-25 "	9-27	9-25 "				
	R 9	R 9	R 9		R 9		R 9				
No 94 N	Date	No 94 S	Date	No 95 N	Date	No 95 S	Date	No 96 N	Date	No 96 S	Date
1	9-26-34	9-25-34	9-27-34	1	9-25-34	9-27	9-24-34				
2	9-26	9-25 "	9-27 "	2	9-25 "	9-26	9-24-34				
3	9-26	9-25 "	9-27 "	3	9-25 "	9-26	9-24 "				
4	9-26	9-25 "	9-27 "	4	9-25 "	9-28	9-24 "				
5	9-26	9-25 "	9-27 "	5	9-25 "	9-28	9-24 "				
6	9-17	9-25 "	9-28 "	6	9-25 "	9-28	9-24 "				
7	9-27	9-25 "	9-28 "	7	9-25 "	9-28	9-25 "				
8	9-27	9-25 "	9-27-34	8	9-25 "	9-27-34	9-25 "				
9	9-27	9-25 "	9-27-34	9	9-25 "	9-27 "	9-25 "				
	R 9	R 9	R 9		R 9		R 9				
No 97 N	Date	No 97 S	Date	No 98 N	Date	No 98 S	Date	No 99 N	Date	No 99 S	Date
1	9-26-34	9-24-34	9-26-34	1	9-24-34	9-26-34	9-21-34				
2	9-26 "	9-24 "	9-26	2	9-24-34	9-26 "	9-24-34				
3	9-26 "	9-24 "	9-26	3	9-24 "	9-26 "	BAD-H				
4	9-26 "	9-24 "	9-26	4	9-24-34	9-26 "	BAD-H				
5	9-28	9-24 "	9-26	5	9-24 "	9-26 "	9-24-34				
6	9-28	9-24 "	9-28	6	9-24-34	9-28 "	9-24-34				
7	9-28	9-24 "	9-28	7	9-24-34	9-28 "	9-24 "				
8	9-28	9-24 "	9-28	8	9-24 "	9-28 "	9-24 "				
9	9-28-34	9-24 "	9-28-34	9	9-24 "	9-28 "	9-24-34				
	R 9	R 9	R 9		R 9		R 9				

REPORTED  
9-21-34

Spillway Extension

Floor Anchors.

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No 100 N	Date	No 100 S	Date	No 101 N	Date	No 101 S	Date	No 102 N	Date	No 102 S	Date
1	9-26-34		9-21-34		9-26-34	1	9-21-34		9-26-34		9-21-34
2	9-26	+	9-24-34		9-26	2	9-21-"		9-26-"		9-21-"
3	9-26		9-21-34		9-26	3	9-21-0		9-26-"		9-21-"
4	9-26	+	BAD-H		9-26	4	9-21-"		9-26-"		9-21-"
5	9-26	+	BAD-H		9-26	5	9-21-"		9-26-"		9-21-"
6	9-27		9-24-34		9-27	6	9-21-"		9-27-"		9-21-34
7	9-27	+	9-24		9-27	7	9-24-34+		9-27-"		9-21-34
8	9-27		9-21-34		9-27	8	9-21-"		9-27-"		9-21-34
9	9-27-34		9-21-34		9-27	9	9-21-"		9-27-34		9-21-34

No 103 N	Date	No 103 S	Date	No 104 N	Date	No 104 S	Date	No 105 N	Date	No 105 S	Date
1	9-26-34		9-21-34		9-26-34	1	9-21-34		9-26-34		9-21-34
2	9-26-"		9-21-34		9-26-"	2	9-21-"		9-26-"		9-21-"
3	9-26-"		9-21-"		9-26-"	3	9-21-"		9-26-"		9-21-"
4	9-26-"		9-21-"		9-26-"	4	9-21-"		9-26-"		9-21-"
5	9-26-"		9-21-"		9-26-"	5	9-21-"		9-26-"		9-21-"
6	9-27-"		9-21-"		9-26-"	6	9-21-"		9-26-"		9-21-"
7	9-27-"		9-21-"		9-27	7	9-21-"		9-27-"		9-21-"
8	9-27-"		9-21-"		9-27-34	8	9-21-"		9-27-"		9-21-"
9	9-27-"		9-21-"		9-27-34	9	9-21-"		9-27-"		9-21-"

No 106 N	Date	No 106 S	Date	No 107 N	Date	No 107 S	Date	No 108 N	Date	No 108 S	Date
1	9-8-34 ✓ R	9-8-34		9-8-34 ✓ R		1	9-8-34		9-8-34 ✓ S		9-8-34
2	9-11-"	9-8-"		9-11-"		2	9-8-34		9-11-"		9-8-"
3	9-11-"	9-8-"		9-11-"		3	9-8-34		9-11-"		9-8-"
4	9-11-30 ✓	9-8-"		9-11-"		4	9-8-34		9-11-34-R		9-8-"
5	9-27-34 ✓	9-8-34		R 9-11-34		5	9-8-34		10-22-34		+ 9-11-34
6	9-27-"	9-8-"		10-22-34		6	9-8-34		10-22-34		9-8-34
7	9-27-"	9-8-34		10-22-34		7	9-8-34		10-22-34		9-8-34
8	9-27-34 ✓	9-8-"		10-22-34		8	9-8-34		10-22-34		9-7-34
9	9-27-34 ✓	9-8-"		R 10-22-34		9	9-8-34		R 10-22-34		9-8-34

160

No 109 N	Date	No 109 S	Date	No 110 N	Date	No 110 S	Date	No 111 N	Date	No 111 S	Date
1	9-11-34	+ 9-20-34	✓	9-11-34	1	9-8-34	✓	9-11-34	9-6-34		
2	9-21	9-8-34	✓	9-11-34	2	9-8-34	✓	9-11-34	9-6-34		
3	9-11-34	9-8-34	✓	9-11-34	3	9-8-34	✓	9-11-34	9-6-34		
4	9-11-34 R	+ 9-11-34		9-11-34	4	+ 9-11-34		9-11-34	9-7-34		
5	R 10-22-34	+ 9-11-34		R 9-20-34	5	9-7-34	✓	9-20-34 R	9-6-34		
6	10-22-34	9-7-34	✓	R 10-22-34	6	9-7-34	✓	R 10-22-34	9-6-34		
7	10-22-34	9-7-34	✓	10-22-34	7	9-7-34	✓	10-22-34	9-6-34		
8	10-22-34	9-7-34	✓	10-22-34	8	9-7-34	✓	10-22-34	9-6-34		
9	R 10-22-34	PLATE R 11-24-34	+ R 10-22-34	9	R 11-24-34	+ R 10-22-34		9	9-6-34		

No 112 N	Date	No 112 S	Date	No 113 N	Date	No 113 S	Date	No 114 N	Date	No 114 S	Date
1	9-20-34	9-6-34		9-20-34	1	9-6-34		9-20-34	9-4-34		
2	9-11-34	9-6-34		9-11-34	2	9-6-34		9-11-34	9-4-34		
3	9-11-34	9-6-34		9-20-34	3	9-6-34		9-11-34	9-4-34		
4	9-11-34	9-6-34		9-11-34	4	9-6-34		9-11-34	9-4-34		
5	9-21-34 R	+ BAD HOLE		R 9-20-34	5	9-6-34		9-17-34 R	9-6-34-0		
6	R 10-22-34	9-6-34		R 10-22-34	6	9-6-34		R 10-22-34	+ NOT IN +		
7	10-22-34	9-6-34		10-22-34	7	9-6-34		10-22-34	9-6-34 30		
8	10-22-34	9-6-34		10-22-34	8	9-6-34		10-22-34	9-4-34		
9	R 10-22-34	9-6-34		R 10-22-34	9	9-6-34		R 10-22-34	9-4-34		

No 115 N	Date	No 115 S	Date	No 116 N	Date	No 116 S	Date	No 117 N	Date	No 117 S	Date
1	9-17-34	9-4-34		9-17-34	1	8-31-34	✓	9-11-34	8-31-34		
2	9-11-34	9-4-34		9-11-34	2	8-31-34	✓	9-11-34	8-31-34		
3	9-11-34	9-4-34		9-11-34	3	+ 9-4-34	✓	9-11-34	8-31-34		
4	9-11-34	9-4-34		9-11-34	4	8-31-34	✓	9-11-34	8-31-34		
5	9-17-34	9-4-34		9-17-34	5	8-31-34	✓	9-17-34	8-31-34		
6	9-20-34 R	9-4-34		9-18-34	6	8-31-34	✓	9-18-34	8-31-34		
7	R 10-22-34	9-4-34		9-18-34	7	+ 9-8-34	✓	9-18-34	8-31-34		
8	10-22-34	9-4-34		9-18-34	+ 8	+ 9-17-34	✓	9-18-34	8-31-34		
9	R 10-22-34	9-4-34		9-18-34	9	8-31-34	✓	9-18-34	8-31-34		

WEST  
LINE  
D.W.F.

## Spitway Extensions

## Floor Anchors

52

No. 118N	Date	No. 118S	Date	No. 119N	Date	No. 119S	Date	No. 120N	Date	No. 120S	Date
1	9-11-34	8-22-34 ✓	9-11-34	1	8-30-34 ✓	9-14-34	8-29-34				
2	9-11-34	8-22-34 ✓	9-17	2	8-30-34 ✓	9-14-34	8-29-34				
3	9-11-34	8-30-34 ✓	9-11-34	3	8-30-34 ✓	9-17-34	8-29-34				
4	9-11-34	8-30-34 ✓	9-11-34	4	8-30-34 ✓	9-14-34	8-29-34				
5	9-17-34	8-30-34 ✓	9-17-34	+ 5	9-17-34	9-14-34	8-30-34 ✓				
6	9-17 "	+ 13A D-HOLE +	9-17 "	6	8-30-34 ✓	9-17-34	8-29 "				
7	9-17 "	8-31-34 ✓	9-17-34	7	8-30-34 ✓	9-17 "	8-29 "				
8	9-17 "	8-30-34 ✓	9-17-34	8	8-30-34 ✓	9-17 "	8-29-34				
9	9-17 "	8-30-34 ✓	9-17-34	9	8-30-34 ✓	9-17-34	8-29-34				

No. 121N	Date	No. 121S	Date	No. 122N	Date	No. 122S	Date	No. 123N	Date	No. 123S	Date
1	9-14-34	8-29-34 ✓	9-14-34	1	8-29-34 ✓	9-14-34	8-29-34 ✓				
2	9-14-34	8-29-34 ✓	9-14 "	2	8-29 "	9-14	8-29-34				
3	9-14-34	8-29 "	9-14 "	3	8-29 "	9-14 "	8-29-34				
4	9-14-34	8-29 "	9-14 "	4	8-24-34 ✓	9-14	8-24-34				
5	9-17-34	8-29 "	9-14 "	5	8-24-34 ✓	9-14 "	8-24 "				
6	9-14-34	8-24-34 ✓	9-14 "	6	8-24 "	9-14	8-24-34				
7	9-14-34	8-29-34 ✓	9-14 "	7	8-24 "	9-14	8-24 "				
8	9-17-34	8-29-34 ✓	9-14 "	8	8-24 "	9-14-34	8-24 "				
9	9-17-34	8-31-34 ✓	+ 9-17-34	9	8-24-34 ✓	9-17-34	8-24-34				

No. 124N	Date	No. 124S	Date	No. 125N	Date	No. 125S	Date	No. 126N	Date	No. 126S	Date
1	9-14-34	8-27-34 ✓	9-14-34	1	8-27-34 ✓	9-14-34	8-27-34				
2	9-14-34	8-27-34 ✓	9-14	2	8-27-34 ✓	9-14-34	8-27-34				
3	9-14-34	8-27-34 ✓	9-14	3	8-27-34 ✓	9-14 "	8-27-34				
4	9-14-34	8-24-34 ✓	9-14	4	8-24-34 ✓	9-14 "	8-24-34				
5	9-14-34	8-24-34 ✓	9-14	5	8-24 "	9-14 "	8-24 "				
6	9-14-34	8-24 "	9-14	6	8-24 "	9-14 "	8-24 "				
7	9-14-34	8-24 "	9-14	7	8-24 "	9-14 "	8-24 "				
8	9-14-34	8-24-34 ✓	9-14	8	8-24 "	9-14 "	8-24 "				
9	9-14-34	+ 9-18-34 +	9-14	9	8-24-34 ✓	9-14-34	8-24-34				

(161)

## Spillway Extension

## Floor Anchors.

53

No 127N	Date	No 127S	Date	No 128N	Date	No 128S	Date	No 129N	Date	No 129S	Date
1	9-14-34		8-27-34 ✓		9-14-34	1	8-27-34 ✓		9-14-34		8-27-34 ✓
2	9-14-11		8-27-11 ✓		9-14	2	8-27-34 ✓		9-14-34		8-27-34 ✓
3	9-14-11		8-27-11 ✓		9-14	3	8-27-34 ✓		9-14-34		8-27-34 ✓
4	9-14-11		8-25-34 ✓		9-14	4	8-25-34 ✓		9-13-34		8-25-34 ✓
5	9-14-11		8-25-34 ✓		9-14	5	8-25-34 ✓		9-13-34		8-25-34 ✓
6	9-14-11		8-25-34 ✓		9-14	6	8-25-34 ✓		9-13-34		8-25-34 ✓
7	9-14-11		8-25-34 ✓		9-14	7	8-24-34 ✓		9-14-34		8-24-34 ✓
8	9-14-11		8-24-11 ✓		9-14	8	8-24-11 ✓		9-14-34		8-24-11 ✓
9	9-14-11		8-24-34 ✓		9-14-34	9	8-24-24 ✓		9-14-34		8-24-11 ✓

No 130N	Date	No 130S	Date	No 131N	Date	No 131S	Date	No 132N	Date	No 132S	Date
1	9-13-34		8-27-34 ✓		9-13-34	1	8-27-34 ✓		9-13-34		9-5-34
2	9-13-11		8-27-34 ✓		9-13-34	2	8-27-34 ✓		9-13-11		9-5-34
3	9-13-11		8-25-34 ✓		9-13-11	3	8-25-34 ✓		9-13-11		9-5-34
4	9-13-11		8-27-34 ✓		9-13-11	4	8-25-11 ✓		9-13-11		9-4-34
5	9-13-11		8-25-34 ✓		9-13-11	5	8-25-11 ✓		9-13-11		9-4-34
6	9-13-11		8-25-34 ✓		9-13-11	6	8-25-11 ✓		9-13-11		9-4-34
7	9-13-11		8-24-34 ✓		9-13-11	7	8-24-34 ✓		9-13-11		9-4-34
8	9-13-11		8-24-11 ✓		9-13-11	8	8-24-11 ✓		9-13-11		9-4-34
9	9-13-11		8-24-11 ✓		9-13-11	9	8-24-11 ✓		9-13-11		9-4-34

No 133N	Date	No 133S	Date	No 134N	Date	No 134S	Date	No 135N	Date	No 135S	Date
1		9-12-34	9-12-34	9-12-34		1	9-12-34		9-12-34		9-12-34
2		9-12-34	9-5-34	9-12-11		2	9-12-34		9-12-11		9-12-11
3		9-12-11	9-5-11	9-12-11		3	9-5-34		9-12-11		9-5-34
4		9-12-11	9-5-11	9-12-11		4	9-5-34		9-12-11		9-5-11
5		9-12-11	9-5-11	9-12-11		5	9-5-11		9-12-11		9-5-11
6		9-12-11	9-5-11	9-12-11		6	9-5-11		9-12-11		9-5-11
7		9-12-11	9-5-11	9-12-11		7	9-5-11		9-12-11		9-5-11
8		9-12-11	9-5-11	9-12-34		8	9-5-11		9-12-11		9-5-11
9		9-12-11	9-5-34	9-12-34		9	9-5-34		9-12-11		9-5-34

R 9 R 9 R 9

R 9

R 9

R 9

162



## Spitway Extension

## Floor Anchors

524

No 136 N	Date	No 136 S	Date	No 137 N	Date	No 137 S	Date	No 138 N	Date	No 138 S	Date
1	9-18-34	+ 9-18-34	+	9-18-34	1	+ 9-18-34	+	9-18-34	+ 9-18-34	+	
2	9-18-34	+ 9-18-34	+	9-18	2	+ 9-18-34	+	9-18	+ 9-18-34	+	
3	9-18-34	9-5-34		9-18	3	9-5-34		9-18	+ 9-18-34	+	
4	9-18-34	9-5-34		9-18	4	9-5-34		9-18	9-5-34		
5	9-18-34	9-5-34		9-18	5	9-5-34		9-18	9-5-34		
6	9-18-34	9-5-34		9-18	6	9-5-34		9-18	9-5-34		
7	9-18-34	9-5-34		9-18	7	9-5-34		9-18	9-5-34		
8	9-18-34	9-5-34		9-18	8	9-5-34		9-18	9-5-34		
9	9-18-34	9-5-34		9-18	9	9-5-34		9-18	9-5-34		
	R 9	R 9		R 9		R 9		R 9	R 9		R 9

No 139 N	Date	No 139 S	Date	No 140 N	Date	No 140 S	Date	No 141 N	Date	No 141 S	Date
1	9-18-34	+ 9-18-34		9-19-34	1	+ 9-19-34		9-19-34		+ 9-19-34	
2	9-18	+ 9-18-34		9-19	2	+ 9-19-34		9-19		+ 9-19-34	
3	9-18	+ 9-18-34		9-19	3	+ 9-19-34		9-19		+ 9-19-34	
4	9-18	9-5-34		9-19	4	9-5-34		9-19		9-5-34	
5	9-18	9-5-34		9-19	5	9-5-34		9-19		9-5-34	
6	9-18	9-5-34		9-19	6	9-5-34		9-19		9-5-34	
7	9-18	9-5-34		9-19	7	9-5-34		9-19		9-5-34	
8	9-18	9-5-34		9-19	8	9-5-34		9-19		9-5-34	
9	9-18-34	9-5-34		9-19	9	9-5-34		9-19		9-5-34	
	R 9	R 9		R 9		R 9		R 9		R 9	

No 142 N	Date	No 142 S	Date	143 N	Date	143 S	Date
1	9-19-34	+ 9-19-34		9-19-34	1	+ 9-19-34	
2	9-19	+ 9-19-34		9-19	2	+ 9-19-34	
3	9-19	+ 9-19-34		9-19	3	+ 9-19-34	
4	9-19	9-5-34		9-19	4	9-5-34	
5	9-19	9-5-34		9-19	5	9-5-34	
6	9-19	9-5-34		9-19	6	9-5-34	
7	9-19	9-5-34		9-19	7	9-5-34	
8	9-19	9-5-34		9-19	8	9-5-34	
9	9-19	9-5-34		9-19-34	9	9-5-34	
	R 9	R 9		R 9		R 9	

144

SOUTH-SIDE-WALL - 46.3-AUGUST

FLOOR-SOUTH - 178 "

EXTRA STEEL-SIDE-WALL

STA. 52-N=1 AT TOP

52-S-1=" " = 5 ANCHORS

STA. 54-N=1 AT TOP

54-S=1 AT TOP = 6 ANCHORS

STA 60-N=1 AT TOP

60-S=1 AT TOP = 7 "

" 67 = NO-1

= 9

67 = SO-1

" 77 = NO=1

77 = SO=1

= 11

STA 78-NO-1

= 11

78-SO-1

" 79-NO=0

79-SO=0

= 11

87 and 88 NO = 1 at top = 10

89-NO=1

89-SO=1

= 10

97 NO=1

97 SO=1

= 9

98-NO=1

98-SO=1

= 9

99-NO=1

99-SO=1

= 9

8-4 107 NO = 1  
107 SO = 1 = 8

✓ 108 - NO = 1 = 8  
108 - SO = 1

✓ 109 - NO = 1  
109 - SO = 1 = 8

✓ 117 = NO = 1 - IN  
IN 117 = SO = 1 = 7

✓ 118 = NO = 1  
118 = SO = 1 = 7

✓ 119 = NO = 1  
119 = SO = 1 = 7

✓ 124 = NO = 1 - IN  
124 = SO = 1 = 6

✓ 127 = NO = 1 = 6  
127 = SO = 1

✓ 128 = NO = 1 = 6  
128 = SO = 1

NOV-23-1934  
EXCAVATION  
1-AIR-COMPR  
1-BULLDOZER  
1-SHOVEL  
3-TRUCKS  
1-HOIST  
1-MIX-PLANT

1-STEEL-FOREMAN  
1-STEEL-MAN  
1-CARP-FOREMAN  
1-CONCRETE-FOREMAN  
1-FOREMAN-N-CRACK  
1-DRILLER  
15-LAB.  
2-TRUCK-DRIV.  
1-BULLDOZER-OPR.  
1-SHOVEL-OPR.  
2-TRUCK-DRIV.  
4-CARPENTERS  
1-WELDER  
1-MIX-MAN  
1-FINISHER.

MIRACLE

1-AIR-COMP (ANCHOR-HOLES)  
1-DRILLER-

SOUTH-WALL  
8+80 TO 9+04 - TOP FINISH  
12+84 TO 13+08 - 5<sup>TH</sup> LIFT.

NORTH-WALL

(HOIST) 12+84 + 13+08 - 4<sup>TH</sup> LIFT

5 1/2 - 2-SACK BATCHES - 1-2-4  
3- 2- " " GROUT

14-GAL (119-SACKS-CEMENT)

WATER

SPILLWAY-EXT

57

11-24-34

2-AIR-COMPR  
1-SHOVEL  
2-TRUCKS  
1-BULLDOZER

1-GRADE-FOREMAN  
2-DRILLER  
15-LAB  
1-MIX-MAN  
1-FINISHER  
1-STEEL-FOREMAN  
1-CARPENTER-FOREMAN  
1-CONCRETE-FOREMAN  
3-TRUCK-DRIVERS  
1-BULLDOZER-OPR.  
1-SHOVEL-OPR.  
1-WELDER

SOUTH-WALL  
12+60 TO 12+84 - 2<sup>ND</sup> LIFT.

FLOOR-SOUTH-SIDE

12+60 TO 12+84

16-2-SACK-BATCHES-1-2-4-WALL  
1-2- " " GROUT

34-SACKS

GROUT  
ANCHORS  
3-SACKS  
CEMENT

11-25-34 (SUNDAY)  
SPILLWAY-EXTENSION  
2-AIR-COMPRS 1-CONCRETE-FOREMAN

6-LAB  
SAND-466 1-CARP-FOREMAN  
ROCK-525 4-CARPS.

14 WATER

2-DRILLERS  
1-STEEL-FOREMAN  
1- " MAN  
SOUTH-WALL  
12+60 TO 12+84-4<sup>TH</sup> LIFT

36-SACKS  
CEMENT

17-2-SACK-BATCHES-1-2-4  
1 2 " " GROUT

SUNDAY-SPILLWAY-EXT

11-25-34-SHIFT-NO 2

1-AIR-COMPR 1-FOREMAN  
1-LAB-  
2-DRILLERS

58  
SPILLWAY-EXTENSION  
11-26-34-SHIFT NO 2-3-11 P.M.

1-SHOVEL 1-CONCRETE-FOREMAN  
1-BULLDOZER 1-CARPENTER "

2-TRUCKS- 5-CARPENTERS

1-MIX-PLANT 6-LAB  
1-MIX-MAN

3-CARPENTERS  
1- " FOREMAN

SOUTH-WALL  
12+60-12+84-6<sup>TH</sup> LIFT

15-2-sack-1-2-4  
2-2 sack batch grout

34 Sacks

SACKS  
CEMENT  
DELIVERED

SPILLWAY-EXT  
NOV-27<sup>TH</sup> 1934 SHIFT-N<sup>2</sup>

1-MIX-PLANT	1-CONCRETE-FORE
LOAD 3-TRUCKS	10-LAB
1-SHOVEL	1-MIX-MAN
# 1-128 1-BULLDOZER	3-TRUCK-DRIV
	1-SHOVEL-OPR
	1-BULLDOZER-OPR

FLOOR 7+40 TO 7+52 - 60' long  
FLOOR 7+60 TO 7+72 - 60'

SOUTH WALL

7+40 TO 7+48 - 1<sup>ST</sup> LIFT BASE

NOV-28-1934 - SHIFT-N<sup>2</sup>  
SPILLWAY EXT.

1-BULLDOZER	1-CONCRETE FOREMAN
1-MIX-PLANT	1-SHOVEL-OPR
2 TRUCKS	1-MIX-MAN
1-SHOVEL	10-LAB
	1-FINISHER
	2-TRUCK-DRIVERS
	1-CARPENTER-OPR
	4-N
	4-H
	4-H

GROUTING ANCHORS

8-SACKS CEMENT

48 batches 11-27-34

FLOOR 7+80 TO 7+91 (282-SACKS)  
FLOOR 7+52-7+60

NORTH-WALL - 8<sup>TH</sup> LIFT.

WALL - 18-BATCHES = 36-SACKS

FLOOR 73 - 146

2-2-SACK - 96

282-SACKS

SPILLWAY-EXT  
CONCRETE

59

NOV-30<sup>TH</sup> - 1934 -

1-MIX-PLANT	1-CONCRETE-FOREMAN
1-SHOVEL	1-CARPENTER-FOREMAN
3-TRUCKS	5-CARPENTERS
1-BULLDOZER	1-SHOVEL-OPR
1-TR-COMPR	1-BULLDOZER-OPR
	1-MIX-MAN
	1-FINISHER
	3-TRUCK-DRIVERS
	17-LAB
	1-PRIMER

SOUTH WALL

7+40 TO 7+48 - TOP -

8+37 TO 8+60 - 3<sup>RD</sup> LIFT

8+13 TO 8+37 - 3<sup>RD</sup> LIFT

7+48 TO 7+66 - 3<sup>RD</sup> LIFT

FLOOR

7+72 TO 7+84 -

7+96 TO 8+08 -

SACKS

110 WALLS = 55 BATCHES - 1-2-4

12 " 6 - BATCHES - GROUT

124 FLOOR = 62 BATCHES - 1-2-4

246

62

55

117 - 234

12

246-SACKS ✓

SPILLWAY-EXTENSION  
CONCRETE

DEC 1ST - 1934

1-MIX-PLANT	1-CARPENTER-FOREMAN
3-TRUCK	1-CONCRETE-FOREMAN
1-SHOVEL	3-CARPENTERS
	16-LAB
1-HOIST.	1-MIX-MAN
	1-HOIST-OPR.
	1-SHOVEL-OPR.

SOUTH-WALL

12+60 TO 12+84 - TOP.  
7+48 TO 7+66 - TOP  
7+66 TO 7+90 - TOP  
7+90 TO 8+18 - TOP  
8+13 TO 8+37 - TOP

99-batcher 1-2-4-

7-batcher grout (2-sacks)

(212-sacks cement)

SPILLWAY-EXTENSION

60

CLEAN - N.P. - SUNDAY - DEC - 2ND 1934

1-SHOVEL	1-FOREMAN-CARP
1-BULLDOZER	1-CARPENTER
2-TRUCKS	2-TRUCK-DRIV
	1-FINISHER
	6-LAB
	1-SHOVEL-OPR
	1-BULLDOZER-OPR

SPILLWAY-EXT  
DEC - 4TH - 1934

1-SHOVEL	1-SHOVEL-OPR
3-TRUCKS	3-TRUCK-DRIVERS
1-BULLDOZER	1-FINISHER
1-AIR-COMPR	1-HELPER
	1-BULLDOZER-OPR
	1-FOREMAN
	2-LAB.

SPILLWAY-EXT

DEC - 5 - 1934 - CLEANING -

	1-FOREMAN
	5-LAB
1-SHOVEL	1-SHOVEL-OPR
3-TRUCKS	1-BULLDOZER-OPR
1-BULLDOZER	2-TRUCK-DRIV
1-AIR-COMPR.	1-FINISHER

SPILLWAY-EXT.

DEC-6TH 1934

CLEANING-UP + PATCHING  
 1-SHOVEL 1-FOREMAN  
 4-TRUCKS 1-SHOVEL-OPR  
 1-BULLDOZER 1-BULLDOZER-OPR  
 3-TRUCK-DRIVERS  
 2-LAB-  
 1-FINISHER

SPILLWAY-EXTENSION

DEC-7 - CLEANING-UP-PATCHING

1-SHOVEL 1-SHOVEL-OPR  
 2-TRUCKS 2-TRUCK-DRIV  
 3-LAB

TUNNEL-+PLUG

12-17-1934-

PATCHES

GROUT

4-SACKS

11

14 LAB - 3.5 HRS

6 - " 7.0 HRS

2-TRUCK-DRIVERS

2-MIXERS

2-TRUCKS

2-YDS-WASTE

11/2 SET-TRUCK

14-GAL

WATER

212-SACKS

204-

198- = 2-sack batch

2- 3- " "

204









The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. Vertical red lines create margins on both pages. The right page has the number '65' written in the top right corner. The notebook is bound in the center, and the pages appear slightly aged with some minor discoloration and small dark spots.

































2 - SACKS -

465 - SAND

475 - 1 1/2" rock 237.5

250 - 3/4" rock

2 - CEMENT

465 - SAND

544 - 1 1/2" 272

181 - 3/4"

TARE  
86.

2 - sacks - cement

80

465 - sand

1 barrel lining  
concrete

460 - 1 1/2"

265 - 3/4"

12-17-1934 - F.E.B.

237.5

460

86

546

550

22

272

544

465

232

FLOOR-ANCHOR-NOS.  
 1- STA 9+10 CUT-OFF,  
 NO-45 = STA 9+15 - WEST-OF CUT-OFF

2- STA-10+78 =  
 NO-88

3- STA 12+28-  
 NO. 106

4- STA 13+93  
 NO. 126

NOV-21-  
 SOUTH-WALL

GROUT- 1-4-SACK-BATCH = 4-rocks

CONCRETE

2-SACK-BATCHES

① 2  
 1-12' 1-R  
 2-12' 2  
 3-12' 3-R  
 4-30' 4-1

10971 SOUTH

234  
 95  
 1170  
 106  
 2220

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

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