

1405  
Pershing Co.

PASTS

LEVEL BOOK

No. 559F

ENGINEERING DEPARTMENT,  
CITY OF SAN DIEGO,  
CALIFORNIA.

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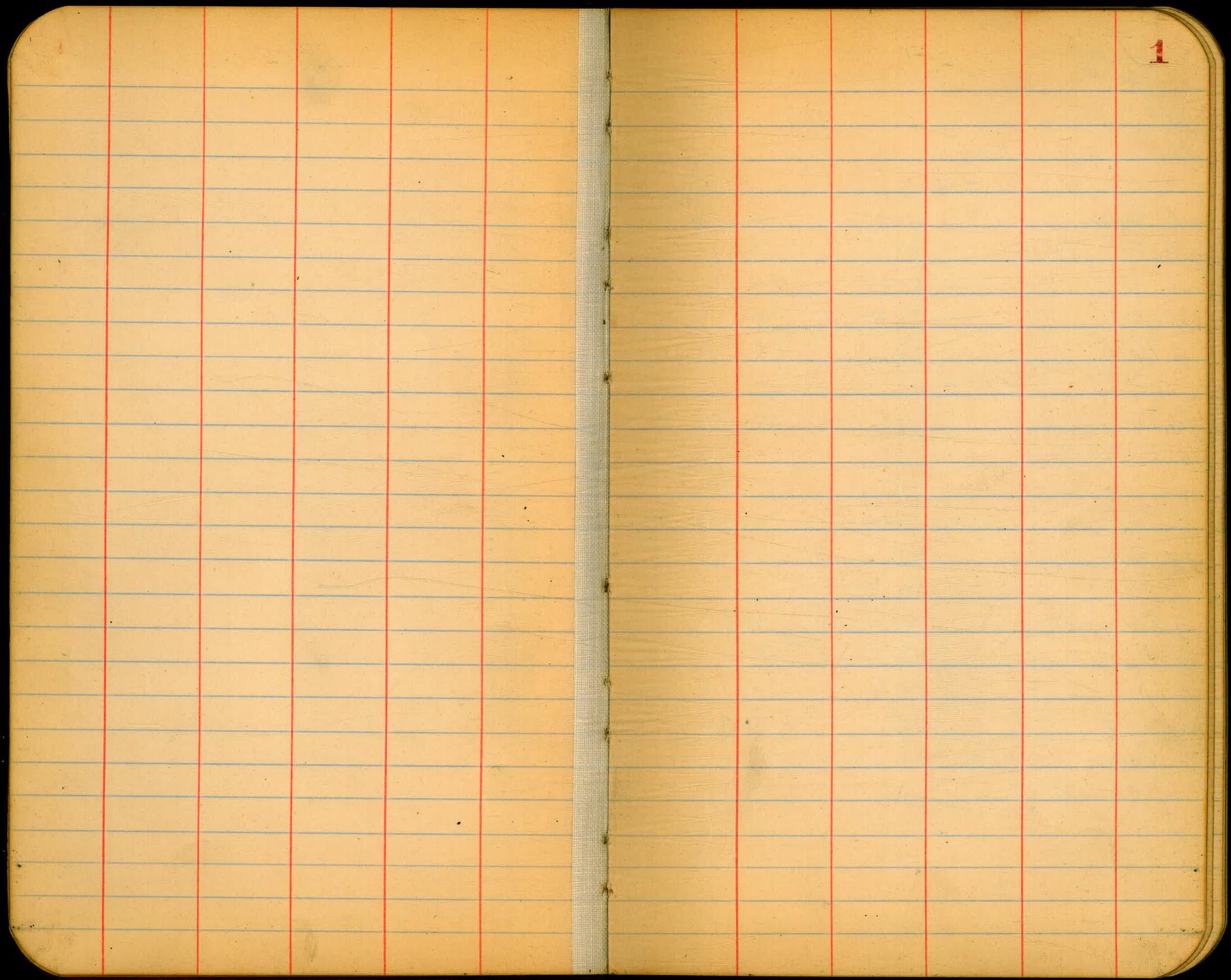
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1

Pershing Drive Cross Section  
From North Line of FST to Upas

For Alignment See Book 1308 Page 16

Aug 13 30  
S. J. S. 2  
H. H. H.  
K. K. K.

BM	13.00	81.07	18.07	NEBP
TP	13.27	93.24	0.10	80.97

HL FST

18.07  
80.97  
18.07

E Top Ch	7.57	85.67
Gutter on Paring	8.06	85.18
L	7.08	86.16
H Gutter	7.53	85.69
H Top Ch	7.02	86.22

LA of H of HL FST = PCP 0.10

H Top Ch	4.7	88.54
Gutter on Paring	5.38	87.96
L	4.51	88.68
E Gutter	5.17	88.07
E Top Ch	4.58	88.66

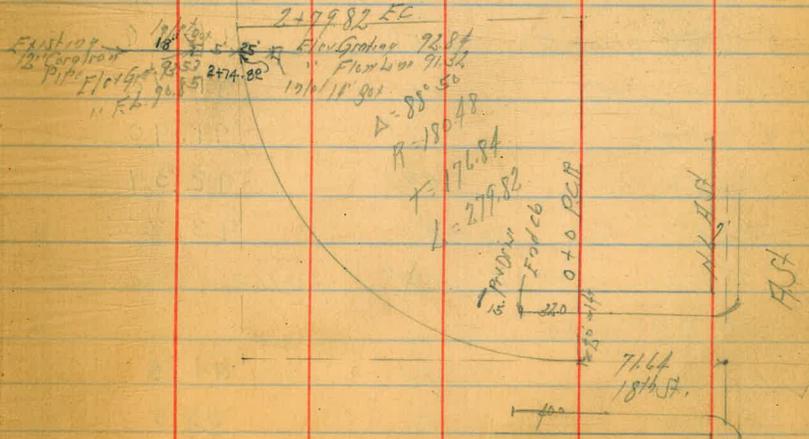
10.46 H of HL FST

E Gutter in Drive	3.29	89.95
L on Paring	3.83	90.41
H Gutter	3.46	89.78
H Top Ch	3.79	90.45

LA of H of HL FST = 0.15 PCP

10 ft on Paring	1.87	88.37
L	1.65	88.59
10 ft	1.52	88.72
10 ft	3.28	89.96

0.25



1/2		3.28	89.76
10' RT	02 Pav	3.79	89.45
	0+50		
10' RT	02 Paving	2.92	90.32
1/2	"	2.62	90.62
10' Lt	"	2.47	90.77
	0+75		
25' Lt		0.8	92.4
13' Lt	1/2 Edge	1.72	91.52
1/2		1.95	91.29
7' RT	Edge Strip Paving	2.02	91.22
12' RT	" Black	2.01	91.23
25' RT		2.5	90.7
	1+0		
25' RT		2.5	90.1
20' RT		1.4	91.8
13' RT	Edge Black Pav	1.58	91.66
8' RT	" Strip "	1.52	91.72
1/2	02 "	1.81	91.90
13' Lt	Edge Pav "	0.93	92.31
25' Lt		0.2	93.22
TP	6.6	98.75	0.55
	1+25		92.69
25' Lt		1.3	94.5
20' Lt		5.3	93.5
11' Lt	= Edge Pav	5.83	92.92

		98.75	
1/2	02 Paving	6.17	92.58
109' RT	Edge Strip Paving	6.55	92.20
15' RT	" Black	6.62	92.13
25' RT		6.9	91.9
	1+50		
25' RT		6.0	92.8
13.5' RT	Edge Paving	6.3	92.72
1/2	02 "	5.58	93.17
10' Lt	Edge "	5.23	93.52
20' Lt		4.6	94.2
25' Lt		4.0	94.8
	1+75		
25' Lt		4.5	94.3
7.9' Lt	Edge Pav	4.92	93.83
1/2	02 Pav	5.24	93.51
15.6' RT	Edge "	5.75	93.00
25' RT		5.8	93.0
	2+0		
25' RT		6.0	92.8
16.5' RT	Edge Paving	5.64	93.11
1/2	02 "	5.10	93.65
4.5' Lt	Edge "	4.97	93.78
25' Lt		3.9	94.9
	2+25		
25' Lt		4.0	94.8
10' Lt		4.9	93.9

Pershing Dr 9875

9875

4

39 Lt Edge Pav	495	93.80
8 " "	5.02	93.73
12.5 Rt Edge "	5.76	92.99
25 Rt	5.8	93.0
2+50		
25 Rt	5.5	93.3
19.1 Rt Edge Pav	5.62	93.13
8 " "	5.11	93.64
17 Lt Edge "	5.05	93.70
25 Lt	4.2	94.6
2+7982		
30 Lt	4.7	94.1
8 Edge Pav	4.93	93.82
10 Rt on "	5.10	93.65
20 Rt Edge "	5.36	93.39
25 Rt	5.6	93.2
3+0		
25 Rt	5.1	93.7
20 Rt Edge Pav	5.06	93.69
10 Rt on "	4.82	93.93
8 Edge "	4.72	94.03
30 Lt	4.6	94.2
3+25		
30 Lt	3.3	95.5
25 Lt	3.4	95.4
21 Lt	4.7	94.1

8 Edge Pav	4.40	94.35
10 Rt on "	4.17	94.28
20 Rt Edge "	4.61	94.14
25 Rt	4.7	94.1
3+50		
25 Rt	4.4	94.4
20 Rt Edge Pav	4.13	94.62
10 Rt on "	4.13	94.62
8 Edge "	4.16	94.59
21 Lt	4.5	94.3
30 Lt	4.09	94.7
TP 11.25 106.31	4.39	94.46
3+75		
30 Lt	6.0	100.3
23 Lt	11.7	94.6
8 Edge Pav	11.41	94.90
10 Rt on "	11.38	94.93
20 Rt Edge "	11.39	94.92
25 Rt	11.1	94.7
4+0		
25 Rt	11.1	95.2
20 Rt Edge Pav	11.00	95.31
10 Rt on "	11.02	95.29
8 Edge "	11.06	95.25
21 Lt	11.4	94.9
30 Lt	5.8	100.5

10631

4125

30' Lt	61	100.2
31' Lt	11.3	95.0
1/2 - Edge Pav	10.81	95.50
30' Rt - " "	10.58	95.73
25' Rt	10.2	96.1

4150

35' Rt	9.6	96.7
30' Rt - Edge Pav	10.09	96.22
1/2 - " "	10.55	95.76
22' Lt	10.9	95.4
30' Lt	5.2	101.1

418986 PCL

40' Lt	108.1	
30' Lt	4.3	102.0
22' Lt	11.1	95.2
1/2 - Edge Pav	10.35	95.96
20' Rt - " "	9.52	96.79
35' Rt	10.7	95.6

510

35' Rt	10.6	95.7
20' Rt - Edge Pav	9.41	96.85
1/2 - " "	10.36	95.95
22' Lt	11.1	95.2
30' Lt	4.3	102.0
40' Lt		102.0

5125

40' Lt		102.0
30' Lt	16	101.7

10631

5

22' Lt	11.3	95.0
1/2 - Edge Pav	10.41	95.85
20' Rt - " "	9.67	96.64
35' Rt	10.5	95.8

5150

35' Rt	10.4	95.9
20' Rt - Edge Pav	10.10	96.21
1/2 - " "	10.90	95.41
22' Lt	11.5	94.8

30' Lt	5.0	101.3
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40' Lt		102.1
30' Lt	5.175	101.8
22' Lt		99.9

28' Lt	6.1	100.2
25' Lt	10.7	95.6
20' Lt	11.8	94.5

1/2 - Edge Pav	11.32	94.99
20' Rt - " "	10.48	95.83
35' Rt	11.1	95.2

610

35' Rt	11.4	94.9
20' Rt - Edge Pav	10.92	95.39
1/2 - " "	11.70	94.61

30' Lt	12.2	94.1
25' Lt	10.9	95.4
30' Lt	6.2	100.1

40' Lt		101.7
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6141.95 P.C.

19° 55' 00"

10631

40 Lt			100.2	
30 Lt		71	99.2	
25 Lt		121	94.2	
20 Lt		129	93.4	
Edge Pav		1237	93.94	
30 Rt		11.46	94.85	
35 Rt		12.3	94.0	
TP	1.50	97.77	10.04	96.27

6+75

35 Rt		3.5	94.3	
20 Rt = Edge Pav		3.39	94.38	
Edge Pav		3.95	93.83	
20 Lt		4.5	93.3	
25 Lt		3.4	94.4	
39 Lt			98.5	
35 Lt			98.9	

6+86 = 10' Corp Pipe

227 Lt Floor		5.20	92.07	
10' x 10' Grating 11" Sq		4.62	93.15	
Edge Pav		3.93	93.84	
20 Rt		3.52	94.25	
25 Rt Grating 11" Sq		3.58	94.19	
Floor 4' x 4'		6.92	90.85	
50 Rt = End of 10' Corp Pipe		7.93	89.84	

7+25

35 Rt		4.1	93.7	
20 Rt = Edge Pav		4.00	93.77	
Edge Pav		4.12	93.65	
20 Lt		4.6	93.2	

97.77

8-1-50

6

25 Lt			3.9	93.9
		7+50		
25 Lt			3.7	94.1
20 Lt			4.5	93.3
Edge Pav			4.30	93.47
30 Rt			4.19	93.58
35 Rt			4.4	93.4

7+25

25 Rt			4.6	93.2
20 Rt = Edge Pav			4.41	93.33
10 Rt			4.43	93.34
Edge Pav			4.45	93.32
20 Lt			4.8	93.0
25 Lt			3.9	93.9

8+10

25 Lt			3.4	94.4
20 Lt			4.7	93.1
Edge Pav			4.67	93.10
20 Rt			4.64	93.13
25 Rt			4.6	93.2

8+25

25 Rt			4.9	92.9
20 Rt = Edge Pav			4.83	92.94
Edge Pav			4.90	92.87
20 Lt			4.7	93.1
25 Lt			3.1	94.7

97.77		
81.50		
25' Lt	2.5	94.3
20' Lt	4.9	92.9
Edge Pav	5.16	92.61
20' Rt	5.10	92.67
25' Rt	5.4	92.4
81.75		
25' Rt	5.2	92.6
20' Rt - Edge Pav	5.32	92.45
Edge Pav	5.40	92.37
20' Lt	5.5	92.3
25' Lt	4.1	93.4
91.0		
25' Lt	4.9	92.9
20' Lt	5.6	92.2
Edge Pav	5.16	92.11
20' Rt	5.56	92.21
25' Rt	5.6	92.2
91.25		
25' Rt	6.0	91.8
20' Rt - Edge Pav	5.87	91.90
Edge Pav	5.87	91.90
20' Lt	5.9	91.9
25' Lt	5.2	92.6
91.50		
25' Lt	5.6	92.2

97.77		
7		
20' Lt	6.1	91.7
Edge Pav	6.10	91.67
20' Rt	6.18	91.59
25' Rt	6.2	91.6
91.75		
25' Rt	6.3	91.5
20' Rt - Edge Pav	6.41	91.33
10' Rt	6.34	91.43
Edge Pav	6.38	91.39
20' Lt	6.4	91.4
25' Lt	5.4	92.4
101.0		
25' Lt	5.8	92.0
20' Lt	6.7	91.1
Edge Pav	6.62	91.14
20' Rt	6.73	91.04
25' Rt	6.6	91.2
101.25		
25' Rt	7.0	90.8
20' Rt - Edge Pav	6.90	90.87
Edge Pav	6.90	90.87
20' Lt	7.3	90.5
25' Lt	6.3	91.5
101.50		
25' Lt	6.8	91.0
20' Lt	7.7	90.1

9777

Edge		718	90.59
20' RT - "		718	90.59
25' RT		73	90.5
	10+7699 PCL		
25' RT		80	89.8
20' RT - Edge		718	90.09
Edge - "		762	90.15
20' LT		83	89.5
25' LT		80	89.8
	1170		
25' LT		81	89.7
20' LT		88	89.0
Edge - Edge Pav		804	89.73
20' RT - " "		804	89.73
25' RT		81	89.7
TP	1.41	90.83	89.85
	11730		
25' RT		1.5	89.3
21.4' RT - Edge		1.57	89.26
1.4' RT - "		1.74	89.09
Edge		1.8	89.0
20' LT		2.5	88.3
25' LT		1.5	89.3
	11+6779 LC		
25' LT		2.4	88.4
20' LT		3.2	87.6

90.83

8

Edge		2.7	88.1
1' RT - Edge Pav		2.50	88.33
24.2' RT - " "		2.10	88.73
30' RT		2.1	88.7
	1270		
30' RT		2.7	88.1
27.1' RT - Edge Pav		2.52	88.31
7' RT - " "		3.11	87.72
Edge		3.3	87.5
20' LT		3.7	87.1
25' LT		2.5	88.3
	12125		
25' LT		3.3	87.5
20' LT		4.2	86.6
Edge		3.8	87.0
9' RT - Edge Pav		3.60	87.23
28.9' RT - " "		2.98	87.85
36' RT		3.0	87.8
	12750		
25' RT		3.3	87.5
29.6' RT - Edge		3.30	87.53
9.9' RT - " "		2.96	86.87
Edge		4.2	86.6
20' LT		4.7	86.1
25' LT		3.7	87.1
	12775		



90.83

2	569	85.14
153 Rt	565	85.18
25 Rt	58	85.0
14+50		
25 Rt	62	84.6
121 Rt - Edge Pav	573	85.10
2	574	85.09
7' Lt - Edge Pav	586	84.97
20 Lt	62	84.6
25 Lt	51	85.7
14+75		
25 Lt	53	85.5
20 Lt	59	84.9
95 Lt - Edge Pav	589	84.94
2	573	85.10
108 Rt - Edge	581	85.02
25 Rt	57	85.1
15+0		
25 Rt	57	85.1
86 Rt - Edge Pav	586	84.97
2	567	85.16
119 Lt - " "	581	85.02
20 Lt	58	85.0
25 Lt	52	85.6
15+25		
25 Lt	51	85.2

90.83

10

20 Lt	59	84.9
146 Lt - Edge Pav	573	85.10
2	570	85.13
61 Rt	584	84.99
25 Rt	55	85.3
15+50		
20 Rt	58	85.0
38 Rt - Edge Pav	576	85.07
2	568	85.15
162 Lt - " "	570	85.13
20 Lt	58	85.0
25 Lt	60	84.8
15+75		
25 Lt	59	84.9
182 Lt - Edge Pav	567	85.16
2	565	85.18
15 Rt - " "	566	85.17
25 Rt	58	85.0
TP	6.00 91.00	583 85.00
16+0		
25 Rt	56	85.4
2	59	85.1
0.8 Lt - Edge Pav	585	85.15
21 Lt - " "	570	85.30
25 Lt	57	85.3
16+25		

91.00

91.00

11

25 Lt	5.7	85.3
23.2 Lt - Edge Pav	5.51	85.44
32 Lt " "	5.81	85.19
1/2	5.8	85.2
25 Rt	5.5	85.5
16.150		
25 Rt	5.4	85.6
1/2	5.7	85.3
52 Lt - Edge Pav	5.78	85.22
25.5 Lt - " "	5.44	85.56
30 Lt	5.6	85.4
16.775		
30 Lt	5.3	85.7
27.2 Lt - Edge Pav	5.22	85.78
7.2 Lt - " "	5.86	85.14
1/2	5.5	85.5
25 Rt	4.6	86.4
17.0		
25 Rt	5.0	86.0
1/2	5.5	85.5
8 Lt - Edge Pav	5.73	85.27
28.1 Lt - " "	5.68	85.32
35 Lt	5.8	85.2
17.85		
35 Lt	5.2	85.8
27.7 Lt - Edge Pav	5.17	85.83

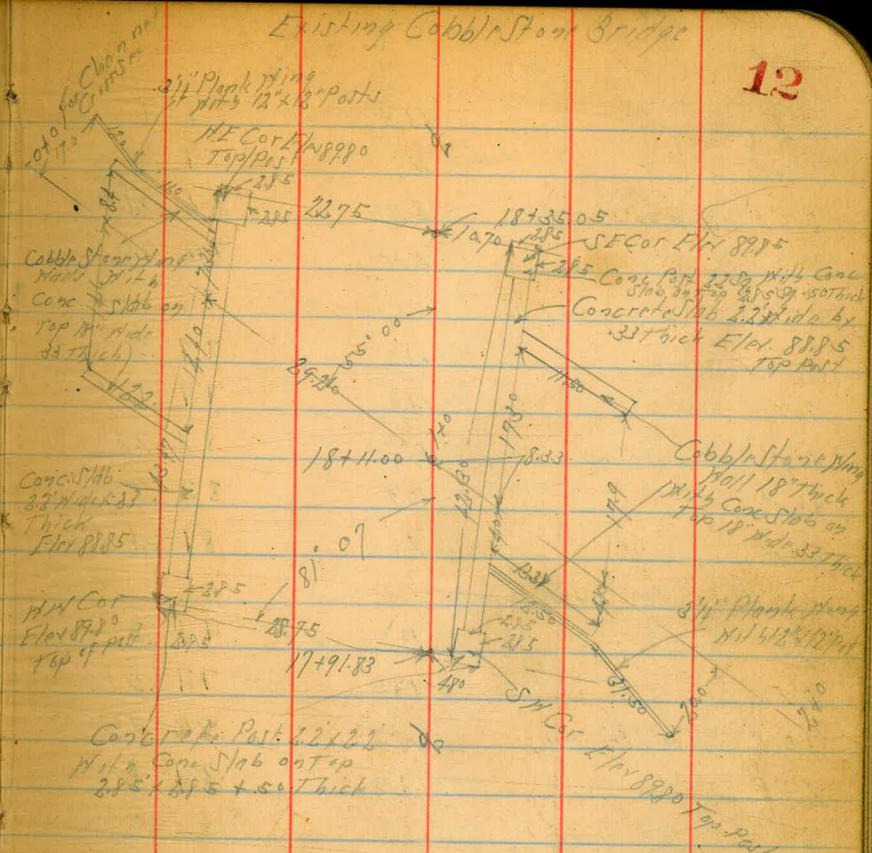
7.6 Lt - Edge Pav	5.77	85.23
1/2	5.7	85.3
25 Rt	5.3	85.7
17.50		
25 Rt	4.6	86.4
1/2	5.6	85.4
6.3 Lt - Edge Pav	5.72	85.28
26.4 Lt - " "	5.10	85.90
35 Lt	5.1	85.9
17.775		
30 Lt	5.2	85.8
24.1 Lt - Edge Pav	5.10	85.90
4.3 Lt - " "	5.59	85.41
1/2	5.4	85.6
25 Rt	5.1	85.9
17.91.83 = West End of Bridge		86.2
10 Rt		
2 Lt - Edge Pav	5.47	85.53
21 Lt - " "	5.08	85.92
32 Lt		86.5
18.25.08 = East End of Bridge		86.8
24.9 Lt <sup>0.7 Top Plankings</sup>		
15.9 Lt - Edge Pav	4.77	86.23
3.9 Rt - " "	4.75	86.25
12.9 Rt		87.3
Cont on Page 14		

Cross Section Channel  
N+S of Existing Bridge

Existing Cobble Stone Bridge

12

	91.00T		
	0+0		
40 W of S	5.7	85.3	
23 W	10.0	81.0	
16 W	10.8	80.8	
11 W	13.8	78.2	
1/2	13.4	77.6	
6 E	12.1	78.9	
20 E	8.8	82.2	
40 E	8.2	82.8	
	0+25		
40 E	8.5	82.5	
20 E	9.0	82.0	
6 E	12.0	78.0	
1/2	13.4	77.6	
9 W	13.4	77.6	
15 W	10.6	80.4	
40 W	9.4	81.6	
65 W	4.7	86.3	
	0+54		
65 W	7.8	83.2	
50 W	10.0	81.0	
21 W	10.9	80.1	
10 W	11.4	79.6	
9 W	13.8	77.2	
1/2	13.8	77.2	



91.0°

91.0°

4' F	13.3	77.7
7.5' F	11.7	79.3
7.5' F = Top of <sup>Cone</sup> W. of Wall	8.79	82.21
10.8' F = " of Plank Wing	4.14	86.86
0+65		
2'	13.7	77.3
7' N	13.9	77.1
13' N = Top of Conallig Wall	8.72	82.28
30' N	10.2	80.8
50' N	9.6	81.4
1+08		
2'	13.7	77.3
7' F	13.5	77.5
15' F = Top Cone Wing	10.15	80.85
27' F	3.5	87.5
1+23		
50' F	10.1	80.9
17' F	11.7	79.3
8' F	13.8	77.2
2'	14.2	76.8
3.5' N	13.8	77.2
2.5' N = Top Conallig	10.36	80.64
6.4' N = Plank Wing	5.5	85.5
1+53		
30' N = Top of Plank Wing	5.48	85.52
30' N = "	10.98	80.02

2'	13.9	77.1
7' F	14.0	77.0
15' F	11.2	79.8
50' F	9.7	81.3
1+75		
50' F	10.3	80.7
7' F	12.1	78.9
2'	14.5	76.5
15' N	12.0	79.0
38' N	12.1	78.9
50' N	10.6	80.4
60' N	7.1	83.9
2+0		
50' N	12.4	78.6
12' N	13.3	77.7
11' N	14.5	76.5
5' N	14.7	76.3
2'	12.8	78.2
30' F	10.4	80.6
50' F	10.2	80.8

91.00

18+50

25 Rt.	3.8	87 2
6 Rt. Edge Pav	4.70	86 30
2	4.68	86 32
13.8 Lt. Edge Pav	4.72	86 28
20 Lt	4.6	86 4
32 Lt	4.3	86 7

18+75

30 Lt	3.8	87 2
20 Lt	4.6	86 4
10.5 Lt. Edge Pav	4.65	86 35
2	4.58	86 42
9.6 Rt. " "	4.66	86 34
2.5 Rt	4.0	87 0

19+0

30 Rt.	3.4	87 6
13' Rt. Edge Pav	4.61	86 39
2	4.56	86 44
7.2 Lt. " "	4.59	86 41
30 Lt	4.6	86 4

19+25

30 Lt	4.9	86 1
3.7 Lt. Edge Pav	4.53	86 47
2	4.48	86 52
16.5 Rt. " "	4.41	86 54
30 Rt	3.9	87 1

91.00

19+50

25 Rt	3.9	87 1
19.8 Rt. Edge Pav	4.18	86 82
2 " "	4.34	86 66
30 Lt	4.8	86 2

19+75

30 Lt	4.1	86 4
2	4.0	87 0
3.4 Rt. Edge Pav	3.95	87 05
23.4 Rt. " "	3.68	87 32
3.5 Rt	4.0	87 0

20+0

40 Rt	3.4	87 6
22.2 Rt. Edge Pav	3.03	87 97
6.9 Rt. " "	3.57	87 43
2	3.6	87 4
30 Lt	4.0	87 0

20+38.88 PC 6

35 Lt	3.5	87 5
2	3.30	87 70 29 Hus
11.1 Rt. Edge Pav	3.00	88 00
32.3 Rt. " "	2.11	88 89
40 Rt	3.0	88 0
TP 11.63 99.33	3.30	87 70 20 & Hus 20+38.88

20+50

40 Rt	10.3	89 0
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8-15-30  
14

99.33

34' RT - Edge Pav	10.15	89.18
12' RT	11.06	88.27
2	11.2	88.1
20' Lt	11.8	87.5
35' Lt	11.7	87.6

21+7.5

35' Lt	11.3	88.0
20' Lt	11.2	88.1
2	10.6	88.7
142 RT - Edge Pav	10.36	88.97
37.9 RT	9.27	90.06
25' R	21+0	91.1
39.9 RT - Edge Pav	8.45	90.88
15.7 RT	9.51	89.79
2	9.7	89.6
35' Lt	11.0	88.3

21+25

35' Lt	10.6	88.7
20' Lt	9.1	89.2
2	8.5	90.8
15.7 RT - Edge Pav	8.19	90.14
11.2 RT	7.00	92.33
51.8 RT		92.3
50' RT	21+50	91.0
40' RT - Edge Pav	5.38	93.95
142 RT	6.45	92.88

99.33

15

2	7.0	92.3
20' Lt	8.1	91.2
25' Lt	10.3	89.0
	21+7.5	
35' Lt	10.7	88.6
20' Lt	7.1	92.2
2	5.0	94.3
12' RT - Edge Pav	4.67	94.66
37.8 RT		96.06
52.8 RT		96.0
44' RT	22+0	97.8
34' RT - Edge Pav	1.69	97.64
8.6' RT	2.82	96.51
2	2.9	96.4
14' Lt	3.6	95.7
25' Lt	2.6	96.7
35' Lt	9.6	90.1

22+25

35' Lt	6.7	92.6
27' Lt	1.0	98.3
20' Lt	2.0	97.3
2	2.9	98.4
42 RT - Edge Pav	0.85	98.48
29.4 RT	0.04	99.29
29.4 RT		99.4
12.07	110.67	0.73
	22+50	
30' RT	10.0	100.7

110.67

22.8' Rt - Edge Pav	9.82	100.85
2'	10.26	100.41
0.9' Lt - Edge Pav	10.81	100.39
20' Lt	11.5	99.2
33' Lt	12.3	98.4
22+7.5		
35' Lt	9.2	101.5
20' Lt	10.0	100.7
6' Lt - Edge Pav	8.50	102.17
2'	8.33	102.34
15.8' Rt - " "	8.10	102.57
30' Rt	8.4	102.3

23+0

25' Rt	6.8	104.9
9.9' Rt - Edge Pav	6.57	104.10
2'	6.58	104.09
11' Lt - " "	6.77	103.90
20' Lt	7.4	103.3
35' Lt	7.4	103.3

23+25

35' Lt	6.1	104.6
15' Lt - Edge Pav	5.11	105.56
2'	5.04	105.63
5.7' Rt - " "	5.09	105.58
21' Rt	5.7	105.0
25' Rt	6.5	104.2

110.67

16

23+50		
25' Rt	4.5	106.2
23' Rt - Edge Pav	3.67	107.00
2'	3.62	107.05
18' Lt - " "	3.46	107.21
30' Lt	4.1	106.6
23+7.5		
35' Lt	2.0	108.7
19.8' Lt - Edge Pav	1.85	108.82
2'	2.11	108.56
0.5' Rt - " "	2.13	108.54
2.5' Rt	2.7	108.0

Existing 10" Cor. Pipe		
<del>22' Lt - Edge Pav 2.5</del>		
<del>23' Lt - Edge Pav 2.5</del>		
<del>23' Lt - Edge Pav 2.5</del>		
Inlet 24" Grating		
Floor on E	3.03	
Grating on E	1.50	109.17
Grating on W Inlet	0.93	109.74
Floor Line on W Inlet	1.09	106.58
W End of Pipe Floorline	4.80	105.87

110.67

23+22.60 EC

25' Rt	1.5	109.2
Edge Pav	0.90	109.77
20' Lt	0.75	109.92
25' Lt	1.1	109.6
TP	11.33	121.97
	0.03	110.64

24+25

35' Lt	10.1	111.9
30.5' Lt - Edge Pav	9.95	112.02
10.5' Lt on "	9.95	112.02
0.6' Lt - Edge	10.02	111.95
Edge	10.0	112.0
21' Rt	10.9	111.1
15' Rt	11.7	110.3

24+50

25' Rt	10.5	111.5
21' Rt	9.4	112.6
Edge	8.3	113.7
0.9' Lt - Edge Pav	8.27	113.70
21.2' Lt - " "	8.23	113.74
35' Lt	8.3	113.7

24+75

35' Lt	7.0	115.0
31.6' Lt - Edge Pav	6.54	115.43
1.2' Lt - " "	6.54	115.43
Edge	6.6	115.4

121.97

22' Rt	7.7	114.3 <sup>17</sup>
25' Rt	8.4	113.6

25+0

25' Rt	7.7	114.3
30' Rt	5.5	116.5
Edge	4.9	117.1
1.5' Lt - Edge Pav	4.87	117.10
21.9' Lt - " "	4.76	117.21
30' Lt	5.4	116.6
40' Lt	5.0	117.0

25+25

40' Lt	3.4	118.6
30' Lt	3.9	118.1
22' Lt - Edge Pav	2.97	119.00
19' Lt - " "	3.26	118.71
Edge	2.3	118.7
25' Rt	4.2	117.8

25+50

24' Rt	3.4	118.6
Edge	1.7	120.3
2.1' Lt - Edge Pav	1.66	120.31
22.3' Lt - " "	1.44	120.53
30' Lt	2.2	119.8
40' Lt	1.6	120.4

TP	11.57	132.17	0.37	121.60
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25+75

13317

40' Lt	11.3	121 9
35' Lt	12.0	121 2
22' Lt Edge Pav	11.13	132 04
18' Lt " "	11.32	121 85
2	11.4	121 8
30' Rt	11.9	121 3
25' Rt	13.1	120 1
26+05.82 = PC		
25' Rt	11.5	121 7
20' Rt	10.2	123 0
2	9.44	123 73 on Hub
08 Lt Edge Pav	9.43	123 74
11' Lt 02	9.36	123 81
21' Lt	9.22	123 95
35' Lt	10.0	123 2
26+25		
35' Lt	8.9	124 3
20 1/2 Lt Edge Pav	7.96	125 21
2	8.21	124 96
20' Rt	8.9	124 3
26' Rt	10.2	123 0
26+50		
26' Rt	8.5	124 7
20' Rt	7.1	126 1
1' Rt = Edge Pav	6.64	126 53
2	6.64	126 53

133.17

19 1/2 Lt = Edge Pav	6.41	126 76
30' Lt	7.2	126 0
35' Lt	7.4	125 8
26+75		
35' Lt	5.3	127 9
30' Lt	5.8	127 4
20' Lt	4.9	128 3
18 1/2 Lt = Edge Pav	4.85	128 32
2	5.06	128 11
19' Rt " "	5.08	128 09
20' Rt	5.6	127 6
26' Rt	6.6	126 6
27+0		
27' Rt	4.6	128 6
25' Rt	4.2	129 0
27' Rt = Edge Pav	3.51	129 66
2	3.47	129 70
17 3/4 Lt " "	3.31	129 86
20' Lt	3.8	129 4
35' Lt	3.4	129 8
27+25		
35' Lt	1.8	131 4
25' Lt	2.2	131 0
20' Lt	1.9	131 3
16 3/4 Lt = Edge Pav	1.83	131 34
2	2.00	131 17

18

13317

37' Rt = Ed		2.09	131.08
27' Rt		3.2	130.0
	27+50		
27' Rt		2.0	131.1
25' Rt		1.5	131.7
14' Rt = Edge Pav		0.60	132.57
‡		0.50	132.67
15.5' Lt = " "		0.41	132.76
25' Lt		0.7	132.5
35' Lt		0.3	132.9
TP	12.74 145.61	0.30	132.87
	27+75		
35' Lt		11.3	134.3
25' Lt		11.9	133.7
20' Lt		11.4	134.2
14.6' Lt = Edge Pav		11.41	134.20
‡		11.48	134.13
5.1' Rt = " "		11.55	134.06
22' Rt		12.3	133.3
28' Rt		13.3	133.3
	28+0		
28' Rt		11.9	133.7
26' Rt		11.0	134.6
6.0' Rt = Edge Pav		10.18	135.43
‡		10.06	135.55
13.9' Lt = " "		9.98	135.63

145.61

19

20' Lt		10.5	135.1
35' Lt		10.2	135.4
	28+25		
35' Lt		8.8	136.8
25' Lt		8.4	137.2
20' Lt		8.9	136.7
13' Lt = Edge Pav		8.50	137.11
‡		8.55	137.06
6.9' Rt = " "		8.76	136.85
25' Rt		9.5	136.1
28' Rt		10.2	135.4
	28+43.29 IC		
27' Rt		9.0	136.6
25' Rt		8.2	137.4
7.6' Rt = Edge Pav		7.72	137.89
‡		7.56	138.05
12.1' Lt = " "		7.49	138.13
20' Lt		7.9	137.7
25' Lt		7.7	138.2
35' Lt		7.7	137.9
	28+75		
25' Lt		6.5	139.1
20' Lt		5.8	139.8
11.7' Lt = Edge Pav		5.77	139.84
‡		5.75	139.86
8.3' Rt = " "		5.89	139.73

145.61

28' Rt.		72	138.4
	29+0		
29' Rt.		6.0	139.6
9.1' Rt. - Edge Pav		4.46	141.19
2		4.30	141.31
10.9' Lt. - Edge Pav		4.37	141.24
30' Lt.		4.6	141.0
35' Lt.		5.6	140.0
	29+29	Existing 12" Cop Pipe	
33.8' Lt. - End of Pipe Flow Line		8.96	136.65
26' Lt.		3.3	142.3
16.5' Lt. - 2 14" x 14" 10/100 Grating		3.20	142.41
16.5' Lt. - Flow Line		5.75	139.86
10.4' Lt. - Edge Pav		2.82	142.79
2		2.72	142.89
9.4' Rt. - Edge Pav		2.83	142.78
2.5' Rt.		3.4	142.2
2.9' Rt.		4.2	141.4
	29+50		
3.9' Rt.		2.6	143.0
20' Rt.		2.3	143.3
10' Rt. - Edge Pav		1.68	143.93
2		1.45	144.16
9.7' Lt. - " "		1.61	144.00
30' Lt.		3.2	142.4
TP	12.67	157.91	145.29

157.96

20

	29+75		
30' Lt.		14.0	144.00
20' Lt.		12.7	145.3
9.4' Lt. - Edge Pav		12.50	145.46
2		12.40	145.56
10.5' Rt. - " "		12.28	145.48
20' Rt.		12.2	144.6
2.9' Rt.		13.1	144.4
	30+0		
32' Rt.		12.4	145.6
30' Rt.		11.7	146.3
20' Rt.		11.6	146.4
11.5' Lt. - Edge Pav		10.95	147.01
2		10.84	147.16
8.7' Lt. - Edge Pav		10.91	147.05
30' Lt.		11.9	146.1
	30+25		
3.8' Lt.		10.9	147.1
20' Lt.		9.6	148.4
2.1' Lt. - Edge Pav		9.37	148.59
2		9.34	148.62
11.8' Rt. - " "		9.11	148.55
20' Rt.		10.3	147.7
30' Rt.		10.5	147.2
	30+50		
32' Rt.		9.1	148.4

157.96

35 Rt	8.7	149	3
20 Rt	8.7	149	3
12.3 Rt = Edge Pav	7.96	150	00
2	7.82	150	14
7.7 Lt	7.91	150	05
20 Lt	7.9	150	1
34 Lt	9.5	148	5

3077.5

35 Lt	7.7	150	3
20 Lt	6.5	151	5
7 Lt = Edge Pav	6.33	151	63
2	6.26	151	70
13 Rt	6.23	151	73
21 Rt	7.0	151	0
24 Rt	7.1	150	9
32 Rt	7.9	150	1

3140

32 Rt	6.3	151	7
30 Rt	5.9	152	7
23 Rt	5.3	152	7
13.7 Rt = Edge Pav	4.57	153	39
2	4.70	153	26
6.6 Lt	4.85	153	11
15 Lt	5.1	152	9
22 Lt	4.8	153	2
30 Lt	5.7	152	3

15796

TP	1019	166.28	1.97	155.99
		3112.5		
35 Lt			12.9	153.3
25 Lt			11.7	154.5
6.0 Lt = Edge Pav			11.38	154.80
2			11.32	154.86
14.1 Rt = " "			11.19	154.99
24 Rt			11.7	154.5
34 Rt			12.9	153.3

31150

34 Rt			10.8	155.4
30 Rt			10.3	155.9
13.8 Rt = Edge Pav			9.69	156.49
2			9.80	156.38
6.1 Lt = " "			9.90	156.28
25 Lt			10.4	155.8
35 Lt			11.4	154.8

31175

25 Lt			9.6	156.6
25 Lt			8.4	157.8
6.5 Lt = Edge Pav			8.44	157.74
2			8.29	157.89
13.4 Rt = " "			8.09	158.09
25 Rt			8.5	157.7
33 Rt			8.7	157.5

3210

8-16-80  
21

22 1/2 31150

16618

31' Pt	72	159 0
20' Pt	68	159 4
12.9' Pt - Edge Pw	656	159 62
2	6.78	159 40
7.2' Lt = " "	6.87	159 31
1.5' Lt	6.8	159 4
3.5' Lt	8.0	158 2

32+31.62 PCL

3.5' Lt	6.2	160 0
3.0' Lt	5.4	160 8
2.0' Lt	4.7	161 5
9.4' Lt - Edge Pw	4.91	161 27
2	4.68	161 50
10.6' Pt = " "	4.55	161 63
2.8' Pt	5.4	160 8

32+50

2.7' Pt	4.5	161 7
9.6' Pt - Edge Pw	3.60	162 58
2	2.63	162 55
10.3' Lt = " "	2.84	162 34
2.0' Lt	3.7	162 5
3.0' Lt	4.0	162 2
3.5' Lt	4.8	162 4

32+75

3.5' Lt	2.7	163 5
3.0' Lt	2.3	163 9

16618

11.5' Lt - Edge Pw	2.43	163 75 <sup>22</sup>
2	2.09	164 09
8.3' Pt = " "	2.00	164 18
2.6' Pt	2.8	163 4

33+0

2.6' Pt	1.1	165 1
7.3' Pt - Edge Pw	0.61	165 57
2	0.73	165 45
13.6' Lt = " "	0.90	165 28
3.5' Lt	1.5	164 7
TP 12.36 178.33	0.21	165 97

33+25

3.5' Lt	12.2	166 1
13.6' Lt - Edge Pw	11.50	166 83
2	11.40	166 93
6.6' Pt - Edge " "	11.35	166 98
2.5' Pt	11.0	166 3

33+50

2.5' Pt	10.2	168 1
3.0' Pt	10.8	167 5
5.5' Pt - Edge Pw	9.82	168 51
2	9.81	168 47
11.1' Lt = " "	10.07	168 26
3.5' Lt	10.9	167 4

33+75

3.5' Lt	9.0	169 3
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14.8' Lt - Edge Pav	8.57	169.76
2	8.36	169.97
52' Rt " "	8.38	169.95
15' Rt	8.7	169.6
21' Rt	9.1	169.2
<p>Existing 12' Core Pipe  <del>19' of 12" Grating</del>  <del>21.5</del>  <del>21.5</del></p>		
East Inlet on Grating	7.33	171.00
" " on Flow Line	8.46	169.87
<p>11' Inlet on Grating  <del>20.5</del>  <del>21.5</del></p>		
" " Flow Line	7.62	170.71
" " Flow Line	10.06	168.27
11' End of	12.62	165.71
34+0		
64' Rt	6.7	171.6
17' Rt	7.4	170.9
15' Rt - Edge Pav	6.94	171.39
2	6.92	171.41
15.3 Lt - " "	<del>7.17</del>	<del>171.16</del>
35' Lt	<del>7.17</del>	<del>171.6</del>
34+25		
35' Lt	5.8	172.5
15' Lt - Edge Pav	5.73	172.60
2	5.46	172.87
19' Rt - " "	5.43	172.90

18' Rt	5.9	172.4
23' Rt	6.6	171.7
34+46.28 = EC		
23' Rt	5.3	173.0
20' Rt	4.6	175.7
5' Rt - Edge Pav	4.09	178.24
2	4.08	174.25
16' Lt - " "	4.40	173.93
25' Lt	4.2	174.1
34+75		
25' Lt	2.4	175.9
20' Lt	2.3	176.0
15' Lt - Edge Pav	2.75	175.58
2	2.48	175.85
5' Rt - " "	2.15	175.88
20' Rt	2.7	175.6
22' Rt	3.4	174.9
35+0		
23' Rt	1.8	176.5
10' Rt	1.0	177.3
5' Rt - Edge Pav	1.02	177.31
2	0.96	177.37
15' Lt - " "	1.16	177.17
35' Lt	1.0	177.3
TP	12.77	190.93
35+25		
	0.17	178.16

190.93

35' Lt		182	178.7
15' Lt - Edge Pav		1818	178.75
2		1214	178.79
5' Rt		1820	178.73
25' Rt		132	177.7
	35+50		
25' Rt		118	179.1
5' Rt - Edge Pav		1074	180.19
2		1066	180.31
15' Lt	" "	1066	180.27
30' Lt		107	180.2
	35+75		
30' Lt		81	182.1
15' Lt - Edge Pav		913	181.80
2		911	181.82
5' Rt - "		920	181.73
25' Rt		107	180.5
	36+0		
23' Rt		84	182.5
5' Rt - Edge Pav		766	183.27
2		756	183.37
15' Lt - Edge Pav		756	183.37
30' Lt		74	183.5
	36+25		
30' Lt		58	185.1
15' Lt - Edge Pav		601	184.87

190.93

24

2		6.00	184.9	
5' Rt - Edge Pav		6.09	184.84	
23' Rt		6.2	184.7	
	36+50			
23' Rt		46	186.3	
5' Rt - Edge Pav		1.62	186.31	
2		4.58	186.45	
15' Lt	" "	4.54	186.39	
30' Lt		4.2	186.7	
	36+75			
30' Lt		2.7	188.2	
15' Lt - Edge Pav		2.91	188.02	
2		3.09	187.84	
5' Rt - " "		3.15	187.78	
23' Rt		3.4	187.5	
	37+0			
23' Rt		1.9	189.0	
5' Rt - Edge Pav		1.63	189.30	
2		1.57	189.36	
15' Lt - " "		1.46	189.47	
30' Lt		1.0	189.9	
TP	12.49	203.40	0.02	190.91
	37+25			
30' Lt		12.1	191.3	
15' Lt - Edge Pav		12.45	190.95	
2		12.45	190.95	

203.40

5' Rt = Edge Pav	12.47	190.93
23' Rt	12.9	190.5
	37+50	
23' Rt	11.4	192.0
5' Rt = Edge Pav	10.96	192.44
‡	10.89	192.51
15' Lt = " "	10.95	192.45
30' Lt	10.5	192.9
	37+75	
20' Lt	9.2	194.2
154' Lt = Edge Pav	9.50	193.90
‡	9.48	193.92
47' Rt = Edge Pav	9.44	193.96
21' Rt	10.0	193.4
	38+0	
22' Rt	8.1	195.3
47' Rt = Edge Pav	7.91	195.49
‡	7.93	195.47
15.3' Lt = " "	7.98	195.42
30' Lt	7.5	195.9
*	38+33.4 - Existing 12" Corp/road Pipe + laterals	
37' Lt = W End of Pipe	13.21	190.19
20' Lt Flow Line	9.49	193.91
20' Lt = Top of 11" x 11" Gutter	6.47	196.93
15.3' Lt = Edge Pav	6.00	197.40
‡	5.90	197.50

203.40

25

4.7' Rt = Edge Pav	5.90	197.50
21.6' Rt = Top of 11" x 11" Gutter	6.63	196.77
21.6' Rt Flow Line	8.19	195.21
23' Rt	6.5	196.9
	38+50	
22' Rt	5.7	197.7
5' Rt = Edge Pav	5.15	198.25
‡	5.07	198.33
15' Lt = " "	5.20	198.20
27' Lt	5.8	197.6
33' Lt	6.8	197.6
	38+75	
40' Lt	4.3	199.1
15.3' Lt = Edge Pav	3.90	199.50
‡	3.89	199.51
5' Rt = " "	4.02	199.38
18' Rt	4.5	198.9
22' Rt	5.0	198.4
	39+0	
23' Rt	3.9	199.5
5' Rt = Edge Pav	2.83	200.57
‡	2.72	200.68
15.3' Lt = " "	2.76	200.64
30' Lt	3.1	200.2
TP	12.67	214.93
	39+25	
	1.14	202.26
		0.00
		18' Lt 39+25

214.93

27 Lt	13.3	201.6
15.3 Lt - Edge Pav	13.12	201.81
£	13.09	201.84
49 Rt - " "	13.16	201.77
21 Rt	14.3	200.6
25 Rt		204.0
35 Rt	39+50	205.8
21 Rt	12.9	202.0
5 Rt - Edge Pav	12.11	202.82
£	12.05	202.88
15.3 Lt - Edge Pav	11.97	202.96
30 Lt	12.1	202.8
	39+75	
30 Lt	10.9	204.0
15.3 Lt - Edge Pav	10.93	204.00
£	10.98	203.95
49 Rt - " "	11.00	203.93
21 Rt	11.9	203.0
25 Rt		206.4
35 Rt	40+0	207.9
21 Rt	10.4	204.5
48 Rt - Edge Pav	10.06	204.87
£	10.00	204.93
15.1 Lt - " "	9.91	204.99
30 Lt	9.9	205.0
	40+25	
30 Lt	8.9	206.0
15.2 Lt - Edge Pav	8.94	205.99

214.93

£	8.97	205.96
48 Rt - Edge Pav	9.02	205.91
21 Rt	9.6	205.3
25 Rt		206.9
35 Rt	40+50	207.9
21 Rt	8.7	206.2
48 Rt - Edge Pav	8.08	206.85
£	8.07	206.86
15.2 Lt - " "	8.00	206.93
30 Lt	8.0	206.9
	40+75	
30 Lt	7.0	207.9
15.1 Lt - Edge Pav	7.12	207.81
£	7.16	207.77
48 Rt - " "	7.19	207.74
25 Rt	8.1	206.8
25 Rt		209.1
20 Rt		208.4
48 Rt - Edge Pav	7.1	207.8
£	6.33	208.60
15 Lt - " "	6.27	208.66
28 Lt	6.1	208.8
	41+25	
30 Lt	5.0	209.9
15 Lt - Edge Pav	5.40	209.53
£	5.42	209.51
49 Rt - " "	5.41	209.49

8-18-30

26

11493

20 RT	6.4	208.5
25 RT		209.7
15 RT		201.2
20 RT	5.5	209.4
48 RT - Edge Par	4.68	210.25
2	4.60	210.33
15 Lt - " "	4.61	210.32
30 Lt	4.2	210.7
30 Lt	3.6	211.3
15 Lt - Edge Par	3.81	211.12
2	3.81	211.12
50 RT	3.83	211.10
20 RT	4.9	210.0
25 RT		210.6
25 RT		211.8
20 RT	3.9	211.0
51 RT - Edge Par	3.00	211.93
2	2.98	211.95
15 Lt - " "	2.96	211.97
30 Lt	2.9	212.0
30 Lt	2.1	212.8
15 Lt - Edge Par	2.10	212.83
2	2.10	212.83
52 RT - " "	2.08	212.85
30 RT	2.1	211.8

42150

21493

20 RT	2.2	212.7
51 RT - Edge Par	1.82	213.61
2	1.88	213.65
15 Lt - " "	1.81	213.62
30 Lt	1.2	213.7
30 Lt	0.5	214.4
15 Lt - Edge Par	0.54	214.39
2	0.50	214.43
5 RT - " "	0.52	214.40
20 RT	1.6	213.3
TP	1170	226.20
	4210	0.43
		214.50
20 RT	12.0	214.2
5 RT - Edge Par	11.05	215.15
2	11.02	215.18
15 Lt - " "	11.02	215.17
30 Lt	10.8	215.4
30 Lt	10.2	216.0
15 Lt - Edge Par	10.28	215.92
2	10.24	215.96
19 RT - " "	10.29	215.91
20 RT	11.0	215.2
20 RT	10.2	216.0

27

226.20

5' Pt - Edge Pav	9.33	216.87
⊥	9.31	216.89
15' Lt = " "	9.38	216.88
30' Lt	9.2	217.0
	48+75	
30' Lt	8.5	217.7
15.5' Lt - Edge Pav	8.71	217.49
⊥	8.71	217.49
4.5' Pt - " "	8.73	217.47
30' Pt	9.9	216.3
	44+0	
30' Pt	9.5	216.7
3.4' Pt - Edge Pav	8.07	218.13
⊥	8.04	218.16
17.8' Lt - Edge Pav	9.28	218.42
30' Lt	7.8	218.4
	44+25	
30' Lt	6.9	219.3
21.8' Lt - Edge Pav	6.83	219.37
1.5' Lt = " "	7.42	218.78
⊥	7.6	218.6
30' Pt	8.9	217.3
	44+50	
30' Pt.	8.5	217.7
⊥	7.1	219.1
7.2' Lt - Edge Pav	6.68	219.52

226.20

27.9' Lt - Edge Pav	5.82	220.38
35' Lt	5.7	220.5
	44+75	
36.8' Lt - Edge Pav	4.77	221.43
14.4' Lt - " "	6.03	220.17
⊥	7.0	219.2
30' Pt	7.6	218.6
	45+0	
30' Pt	7.2	219.0
⊥	6.6	219.6
30' Lt - Edge Pav	5.18	221.02
43.5' Lt - " "	3.86	222.34
BM	8.67	224.47
	0.40	215.80
	45+25	
11' Lt - Edge Pav	11.30	223.17
23.6' Lt - " "	12.70	221.77
⊥	14.5	220.0
31' Pt.	15.0	219.5
	45+50	
21' Pt.	14.4	220.1
⊥	13.5	221.0
35.9' Lt - Edge Pav	11.94	222.53
50.8' Lt - " "	10.56	223.91
		224.5
	45+75	
56.7' Lt		225.0
51.2' Lt - Edge Pav	9.70	224.77
26.2' Lt - " "	11.08	223.39

28

23447

20' Lt	11.1	223.4
L	12.5	222.0
20' Rt	13.6	220.9
4640		
23' Rt	12.2	222.3
L	11.3	223.2
24' Lt - Edge Pav	10.14	224.33
49.3 Lt	8.83	225.64
54.3		226.0
46425		
50.5 Lt		226.8
45.5 Lt - Edge Pav	8.02	226.45
20.5 Lt	9.18	225.29
L	10.1	224.4
23' Rt	11.3	223.2
46450		
24' Rt	10.0	224.5
L	9.8	225.3
15' Lt - Edge Pav	8.25	226.22
29.7 Lt	7.13	227.34
44.9 Lt		227.5
46475		
35.4 Lt		228.3
20.4 Lt - Edge Pav	6.82	228.15
7.5 Lt	7.13	227.34
L	7.7	226.7
25' Rt	8.8	225.6
28' Rt		227.2
5.0 Rt		228.3
4740		
51' Rt		228.4
25' Rt	7.8	227.3
1.0 Rt - Edge Pav	5.99	228.48

23447

29

L	5.91	228.53
20.7 Lt - Edge Pav	5.40	229.07
30' Lt	4.8	229.7
36' Lt		230.0
47425		
30' Lt	3.0	231.5
10.9 Lt - Edge Pav	4.31	230.09
L	4.43	230.04
10.1 Rt - Edge	4.66	229.81
25' Rt	5.1	228.9
32' Lt		229.5
47450		
40' Rt		231.0
32' Rt		231.7
25' Rt	3.8	230.7
18' Rt - Edge Pav	3.25	231.22
L	3.25	231.22
33' Lt	3.30	231.17
12' Lt	3.1	231.4
20' Lt	3.3	231.2
30' Lt	4.8	232.7
47475		
30' Lt	0.5	234.0
9' Lt	1.5	233.0
L	2.1	232.4
30' Rt - Edge Pav	2.25	232.22
28.5 Rt	2.08	232.39
19' Rt	2.7	231.8
32' Rt		233.3
4.0 Rt		233.3
4840		
30' Rt	1.3	233.2

234.47

26' Rt - Edge Par	0.93	233.54
5.7' Rt - " "	1.16	233.31
2	1.3	233.2
6' Lt.	0.2	234.3
30' Lt	0.0	234.5
TP	12.01	246.40
	18+25+16 FC	234.39
20' Lt.	11.1	235.3
2' Lt	10.9	235.5
2	11.74	234.66 0.02 of Hub
1' Rt	12.3	234.1
7.4' Rt - Edge Par	12.04	234.36
27.6' Rt - " "	11.99	234.41
	18+50	
30' Rt - Edge Par	10.80	235.60
8.8' Rt " "	10.83	235.57
2' Rt	11.3	235.1
2	9.4	237.0
20' Lt.	9.8	236.6
	18+75	
20' Lt	8.9	237.5
2	8.5	237.9
1' Rt	8.1	237.8
4' Rt	10.3	236.1
10.1' Rt - Edge	9.77	236.63
30.4' Rt - "	9.77	236.63

246.4°

30

	19+10	
31.7' Rt - Edge Par	8.77	237.63
11.6' Rt - " "	8.77	237.63
6' Rt	9.4	237.0
1' Rt	7.8	238.6
2	7.8	238.6
20' Lt	7.7	238.7
	19+25	
20' Lt	6.8	339.6
2	6.9	239.5
5' Rt	6.9	239.5
8' Rt	8.2	238.2
12.9' Rt - Edge Par	7.80	238.60
32.7' Rt - " "	7.78	238.62
	19+50	
34' Rt - Edge Par	6.77	239.63
14.2' Rt - " "	6.82	239.58
9' Rt	7.4	239.0
6' Rt	5.8	240.6
2	5.8	240.6
20' Lt	5.9	240.5
	19+75	
20' Lt	5.0	241.4
2	5.1	241.3
7' Rt	5.1	241.3
9' Rt	6.3	240.1

246.40

15.5' RT = Edge Pav	576	240.64
35.5' RT = " "	579	240.61
	50+0	
36.9' RT = Edge Pav	480	241.60
17' RT = " "	479	241.61
12' RT	51	241.3
9' RT	41	242.3
2	43	242.1
30' Lt	45	241.9
	50+65	
30' Lt	41	242.3
2	45	242.9
18.1' RT = Edge Pav	375	242.65
38.2' RT = " "	375	242.65
	50+50	
39.4' RT = Edge Pav	275	243.65
19.5' RT = " "	274	243.66
2	33	243.1
30' Lt	34	243.0
	50+75	
30' Lt	24	244.0
2	25	243.9
30.7' RT = Edge Pav	170	244.70
40.7' RT = " "	176	244.64
	51+0	
41.9' RT = Edge Pav	101	245.39

246.40

21.7' RT = Edge Pav	107	245.33	31
2	72	244.2	
30' Lt	16	244.8	
	51+25		
30' Lt	12	245.2	
2	103	245.1	
12' RT	11	245.3	
23.1' RT = Edge Pav	0.30	246.10	
43.1' RT = " "	0.23	246.17	
TP	8.58	254.73	246.15
	51+50		
44.1' RT = Edge Pav	7.78	246.95	
24.1' RT = " "	7.75	246.98	
2	8.5	246.2	
30' Lt	8.5	246.2	
	51+75		
20' Lt	7.2	247.5	
2	7.2	247.5	
12' RT	6.6	248.1	
24.5' RT = Edge Pav	7.09	247.64	
44.5' RT = " "	7.05	247.68	
	51+98.56	PL. 1	
44.4' RT = Edge Pav	6.58	248.15	
24.4' RT = " "	6.56	248.17	
12' RT	5.7	249.0	
2	6.17	248.56	
		04/1/05	

		254.73		
20' Lt.			6.4	248.3
TP	3.45	252.01	6.17	248.56
	52+25			on 2 Hols 51+285.15
25' Lt.			2.9	249.1
5' Lt.			2.9	249.1
8			2.4	249.6
12' Rt.			2.3	249.7
18' Rt.			3.3	248.7
33.6' Rt. Edge Pav			3.99	248.52
43.6' Rt. " "			3.55	248.46
	52+50			
43.6' Rt. Edge Pav			3.38	248.63
33.6' Rt. " "			3.44	248.57
18' Rt.			3.1	248.9
13' Rt.			1.8	250.2
8			1.9	250.1
10' Lt.			2.2	249.8
25' Lt.			2.1	249.9
	52+75			
25' Lt.			1.5	250.5
8			1.7	250.3
13' Rt.			1.7	250.3
16' Rt.			2.2	248.8
21.9' Rt. Edge Pav			3.58	248.43
41.9' Rt. " "			3.52	248.49
	53+0			

		252.01		
41.6' Rt. Edge Pav			3.71	248.30
31.6' Rt. " "			3.78	248.23
16' Rt.			3.7	248.3
13' Rt.			2.3	249.8
8			2.0	250.0
25' Lt.			1.6	250.4
	53+25			
25' Lt.			2.6	249.4
8			3.0	249.0
11' Rt.			3.2	248.8
14' Rt.			4.1	247.9
20.1' Rt. Edge Pav			3.96	248.05
40.1' Rt. " "			3.93	248.08
	53+50			
39.2' Rt. Edge Pav			4.15	247.86
19.2' Rt. " "			4.12	247.89
13' Rt.			4.3	247.7
8			3.7	248.3
25' Lt.			3.4	248.6
	53+75			
25' Lt.			3.8	248.2
8			4.3	247.7
18.2' Rt. Edge Pav			4.27	247.74
38.2' Rt. " "			4.30	247.71
	54+0			
36.8' Rt. Edge Pav			4.55	247.46

8-19-30  
S. J. ...  
M. ...  
32

252.01

17' Rt	455	247.46
8	49	247.1
15' Lt	42	247.8
	54+25	
25' Lt	50	247.0
8	55	246.5
15.5' Rt = Edge Pav	477	247.24
25.5' Rt = " "	474	247.27
	54+50	
34.4' Rt = Edge Pav	503	246.98
14.3' Rt " "	500	247.01
6' Rt	51	246.9
3' Rt	59	246.1
8	61	245.9
25' Lt	58	246.2
	54+75	
25' Lt	62	245.8
8	62	245.8
1' Rt	52	246.8
13.1' Rt = Edge Pav	526	246.75
33.1' Rt = " "	530	246.71
	55+0	
32' Rt = Edge Pav	555	246.46
12' Rt = " "	551	246.50
8	58	246.2
35' Lt	63	245.7

252.01

33

	55+25	
25' Lt	60	246.0
8	52	246.8
5' Rt	58	246.2
10.9' Rt = Edge Pav	527	246.14
30.7' Rt = " "	593	246.08
	55+50	
29.4' Rt = Edge Pav	652	245.49
9.1' Rt = " "	654	245.47
4' Rt	65	245.5
8	52	246.8
10' Lt	54	246.6
25' Lt	61	245.9
	55+75	
25' Lt	64	245.6
3' Lt	57	246.3
8	72	244.7
8.9' Rt = Edge Pav	741	244.60
38.9' Rt = " "	733	244.68
	56+0	
26.7' Rt = Edge Pav	863	243.38
6.7' Rt = " "	867	243.34
8	90	243.0
5' Lt	69	245.1
25' Lt	73	244.7
	56+25	

252.01

241.60

34

2.5' Lt		8.5	243.5
7' Lt		8.4	243.6
8' Lt		10.4	241.6
2		10.1	241.9
54' Pt - Edge Pav		10.08	241.93
25.4' Pt - " "		10.04	241.97
	56+50		
242' Pt - Edge Pav		11.37	240.64
41' Pt - " "		11.47	240.54
2		11.4	240.6
5' Lt		11.7	240.3
9' Lt		10.1	241.9
25' Lt		9.7	242.3
	56+75		
25' Lt		11.0	241.0
10' Lt		11.4	241.6
5' Lt		13.0	239.0
2		12.7	239.3
27' Pt - Edge Pav		12.75	239.26
22.7' Pt - " "		12.80	239.21
30' Pt		13.9	239.1
TP	240	241.60	239.20
	57+10		
30' Pt		6.3	238.3
21.5' Pt - Edge Pav		2.34	238.24
1.3' Pt - " "		2.29	238.31

2		3.3	238.3
5' Lt		3.7	237.9
12' Lt		1.9	239.7
25' Lt		1.6	240.0
	57+25		
25' Lt		2.9	238.7
11' Lt		3.1	238.5
7' Lt		4.6	237.0
2		4.3	237.3
0.4' Pt - Edge Pav		4.27	237.33
20.6' Pt - " "		4.29	237.31
30' Pt		4.6	237.0
	57+51.25 = EC		
30' Pt		5.4	236.2
26' Pt - Edge Pav		5.17	236.43
2		5.17	236.43
7' Lt		5.3	236.3
12' Lt		4.0	237.6
17' Lt		4.1	237.5
25' Lt		4.0	237.6
	57+75		
25' Lt		5.2	236.4
12' Lt		4.9	236.7
6' Lt		5.9	235.7
2 - Edge Pav		5.76	235.84
10' Pt on " "		5.66	235.94

2416°

25' Pt - Edge Pav	5.71	235 84
30' Pt	5.8	235 8
	58+0	
30' Pt	6.0	235 6
20' Pt - Edge Pav	6.28	235 32
2' = " "	6.25	235 35
10' Lt	5.8	235 8
25' Lt	5.7	235 9
	58+25	
25' Lt	6.2	235 4
15' Lt	6.6	235 0
8' Lt	6.1	235 5
2' = Edge Pav	6.47	235 13
20' Pt = " "	6.54	235 06
30' Pt	6.6	235 0
	58+50	
30' Pt	6.7	234 9
20' Pt - Edge Pav	6.66	234 94
2' = " "	6.69	234 91
15' Lt	6.6	235 0
25' Lt	6.3	235 3
	58+75	
25' Lt	6.1	235 5
2' = Edge Pav	6.83	234 77
20' Pt = " "	6.35	235 25
30' Pt	6.6	235 0

2416°

35

	59+0	
30' Pt	5.9	235 7
20' Pt - Edge Pav	5.90	235 70
10' Pt	5.84	235 76
2' = " "	5.91	235 69
6' Lt	5.6	236 0
10' Lt	7.2	234 4
14' Lt	5.8	235 8
25' Lt	6.2	235 4
	59+25	
25' Lt	6.3	235 3
14' Lt	6.1	235 5
10' Lt	7.4	234 2
7' Lt	5.2	236 4
2' = Edge Pav	5.46	236 18
20' Pt	5.41	236 19
26' Pt	5.7	235 9
30' Pt	7.8	236 8
	59+50	
30' Pt	4.0	237 6
26' Pt	5.2	236 4
20' Pt - Edge Pav	4.88	236 72
2' = " "	4.88	236 72
7' Lt	5.0	236 6
17' Lt	7.7	233 9
25' Lt	6.6	235 0

241.60

25 Lt		7.1	234.5
	59+75		
25 Lt		6.6	235.0
10 Lt		6.0	235.6
7 Lt		4.8	236.8
1/2 - Edge Pav		4.38	237.22
20 Rt		4.41	237.19
26 Rt		4.7	236.9
30 Rt		3.3	238.3
	60+0		
30 Rt		2.3	239.3
27 Rt		4.0	237.6
25 Rt - Edge Pav		3.77	237.83
10 Rt		3.70	237.90
1/2 = " "		3.80	237.80
8 Lt		3.6	238.0
16 Lt		5.8	235.8
25 Lt		6.2	235.4
	60+27.25 PCB		
25 Lt		4.9	236.7
12 Lt		4.2	237.4
10 Lt		3.2	238.4
0.6 Lt - Edge Pav		2.97	238.63
1/2		2.96	238.64
19.4 Rt = " "		2.95	238.65
26 Rt		2.3	238.3

241.60

36

30 Rt		1.4	240.2
TP	12.05	250.60	30.5
	60+50		
30 Rt		9.6	241.0
25 Rt		11.7	238.9
18.6 Rt - Edge Pav		11.20	239.40
1/2		11.28	239.37
1.5 Lt		11.26	239.34
9 Lt		11.6	239.0
15 Lt		12.6	238.0
25 Lt		12.7	237.9
	60+75		
25 Lt		12.0	238.6
15 Lt		11.8	238.8
10 Lt		10.6	240.0
25 Lt - Edge Pav		10.45	240.15
1/2		10.40	240.20
17.5 Rt		10.40	240.20
24 Rt		11.0	239.6
30 Rt		8.9	241.7
	61+0		
30 Rt		8.1	242.5
24 Rt		10.2	240.4
16 Rt - Edge Pav		9.61	240.92
1/2		9.57	241.03
4 Lt = " "		9.67	240.93

250.60

15' Lt	10.6	240.0
25' Lt	10.9	239.7
61+25		
25' Lt	10.0	240.6
5.6' Lt = Edge Pav	9.02	241.58
2	8.95	241.65
14.3' Rt - " "	9.02	241.58
20' Rt	9.4	241.2
30' Rt	7.5	243.1
61+50		
30' Rt	7.1	243.5
21' Rt	7.3	243.3
19' Rt	8.1	242.0
13' Rt - Edge Pav	8.48	242.12
2	8.37	242.23
7.3' Lt - " "	8.47	242.13
16' Lt	9.1	241.5
25' Lt	8.8	241.8
61+75		
25' Lt	8.2	242.4
17' Lt	8.5	242.1
9.5' Lt = Edge Pav	7.94	242.66
2	7.75	242.85
10.5' Rt - " "	7.87	242.73
17' Rt	8.1	242.5
20' Rt	6.9	243.7

250.60

30' Rt	6.4	244.2	37
62+0			
30' Rt	5.7	244.9	
18' Rt	6.2	244.4	
16' Rt	7.4	243.2	
8.1' Rt - Edge Pav	7.24	243.36	
2	7.22	243.38	
11.6' Lt - " "	7.36	243.24	
20' Lt	7.9	242.7	
22' Lt	7.2	243.4	
25' Lt	7.5	243.1	
62+25			
25' Lt	6.6	244.0	
23' Lt	6.6	244.0	
22' Lt	7.4	243.2	
14.2' Lt - Edge Pav	6.70	243.90	
2	6.62	243.98	
6' Rt	6.19	243.91	
12' Rt	6.7	243.9	
18' Rt	5.4	245.2	
30' Rt	5.4	245.2	
62+50			
30' Rt	5.4	245.2	
15' Rt	4.7	245.9	
10' Rt	6.2	244.4	
38' Rt	6.25	244.35	

250.60

1/2		619	244.41
16.6 Lt = Edge Pav		618	244.42
23 Lt		67	243.9
25 Lt		60	244.6
	62175		
25 Lt		60	244.6
19.5 Lt = Edge Pav		573	244.87
1/2		578	244.82
0.6 Rt " "		578	244.82
8 Rt		58	244.8
13 Rt		46	246.0
30 Rt		56	245.0
	6310		
30 Rt		56	245.0
9 Rt		43	246.3
5 Rt		53	245.3
1/2		53	245.3
22 Lt = Edge Pav		540	245.20
22 Lt " "		536	245.24
	63125		
247 Lt = Edge Pav		500	245.60
14 Lt = 1/2 "		490	245.70
47 Lt = Edge		506	245.54
1/2		51	245.5
5 Rt		45	246.1
30 Rt		64	244.2

250.60

38

	63150		
30 Rt		6.8	243.8
3 Rt		47	245.9
1/2		50	245.6
69 Lt = Edge Pav		461	245.92
27 Lt " "		472	245.88
	63175		
383 Lt = Edge Pav		447	246.13
83 Lt " "		447	246.13
1/2		45	246.1
20 Rt		61	244.5
30 Rt		56	245.0
	6410		
30 Rt		44	246.2
19 Rt		50	245.6
1/2		38	246.8
2 Lt		47	245.9
9.6 Lt = Edge Pav		422	246.38
297 Lt " "		417	246.43
	64125		
302 Lt = Edge Pav		394	246.66
102 Lt " "		393	246.67
2 Lt		42	246.4
1/2		30	247.6
4 Rt		35	248.1
10 Rt		36	247.0

250.60

30' Pt	3.3	247.3
64+50		
30' Pt	2.6	248.0
10' Pt	2.8	247.8
3' Pt	1.6	249.0
2	2.2	248.4
3 Lt	3.8	246.8
10.6 Lt - Edge Pav	3.54	247.06
30.7 Lt " "	3.57	247.03
64+75		
30.7 Lt - Edge Pav	3.16	247.44
10.6 Lt " "	3.14	247.46
5 Lt	3.3	247.3
2	2.1	248.5
30' Pt	2.0	248.6

65+0

30' Pt	1.5	249.1
10' Pt	1.8	248.8
5' Pt	1.3	249.3
2	1.7	248.9
4 Lt	2.8	247.8
10.7 Lt - Edge Pav	3.64	247.96
30.5 Lt - " "	2.70	247.90

65+25

30.4 Lt - Edge Pav	2.26	248.34
30' Lt = 2	2.13	248.47

250.60

10.6 Lt - Edge Pav	2.15	248.45
4 Lt	2.4	248.2
2	1.1	249.5
3' Pt	0.6	250.0
8' Pt	1.3	249.3
30' Pt	1.1	249.5

65+50

30' Pt	0.4	250.2
11' Pt	0.7	249.9
5' Pt	0.0	250.6
2	0.6	250.0
5 Lt	2.0	248.6
10.1 Lt - Edge Pav	1.72	248.88
30' Lt " "	1.96	248.64
TP 6.89 257.41	0.08	250.52

65+75

29.6 Lt - Edge Pav	8.52	248.89
9.7 Lt - " "	8.12	249.29
4 Lt	8.2	249.2
2	7.1	250.3
5' Pt	6.4	251.0
15' Pt	7.0	250.4
30' Pt	6.5	250.9

66+0

30' Pt	6.0	251.4
2	7.1	250.3

39

25741

1' Lt	79	249.5
9.2' Lt - Edge Par	777	249.64
8.9' Lt - " "	825	249.16
66+25		
2.83' Lt - Edge Par	786	249.55
8.4' Lt - " "	743	249.98
2' Lt	75	249.9
♀	71	250.3
30' Pt.	57	251.7
66+50		
30' Pt.	56	251.8
♀	73	250.1
7.2' Lt - Edge Par	709	250.32
27.8' Lt - " "	752	249.99
66+75		
26.4' Lt. Edge Par	722	250.19
6.4' Lt - " "	696	250.65
♀	71	250.3
30' Pt.	55	251.90
67+0		
30' Pt.	54	252.0
3' Pt.	60	251.4
2' Pt.	67	250.7
♀	66	250.8
5.7' Lt - Edge Par	637	251.04
25.1' Lt - " "	683	250.58

25741

400

67+33.02 = EC.		
23.2' Lt Edge Par	626	251.21
13.2' Lt - " "	593	251.48
3.3' Lt - Edge " "	583	251.58
♀	591	251.50 0.7 Hub
4' Pt.	62	251.2
30' Pt.	43	253.1
67+50		
30' Pt.	45	252.9
4' Pt.	59	251.5
♀	56	251.8
2.3' Lt	549	251.92
22.6' Lt	588	251.53
30' Lt	63	251.1
67+75		
2.8' Lt	58	251.6
21.4' Lt - Edge Par	542	251.99
1.3' Lt - " "	513	252.28
♀	52	252.2
5' Pt.	55	251.9
10' Pt.	46	252.8
30' Pt.	38	253.6
68+0		
30' Pt.	34	254.0
8' Pt.	43	253.1
6' Pt.	51	252.3

257.41

4	4.8	252.6
20.5' Lt = Edge Pay	4.78	252.63
20.5' Lt " "	4.97	252.44
28' Lt	5.4	252.0
68+25		
28' Lt	5.0	252.4
20' Lt = Edge Pay	4.53	252.88
10' Lt = 2 "	4.42	252.99
2 = Edge	4.49	252.92
6' Rt	4.7	252.7
10' Rt	3.6	253.8
30' Rt	3.0	254.4
68+50		
30' Rt	2.6	254.8
10' Rt	3.1	254.3
6' Rt	4.2	253.2
2 = Edge Pay	4.02	253.39
20' Lt = " "	4.06	253.35
28' Lt	4.6	252.8
68+75		
28' Lt	3.7	253.7
20' Lt = Edge Pay	3.68	253.73
2 = " "	3.58	253.83
6' Rt	3.8	253.6
10' Rt	2.4	255.0
30' Rt	2.1	255.3

257.41

411

69+0		
30' Rt	2.0	255.4
7' Rt	2.6	254.8
6' Rt	3.4	254.0
2 = Edge Pay	3.10	254.31
20' Lt = " "	3.13	254.28
28' Lt	3.4	254.0
69+25		
28' Lt	2.9	254.5
20' Lt = Edge Pay	2.66	254.75
2 = " "	2.55	254.86
6' Rt	2.8	254.6
7' Rt	3.1	255.3
30' Rt	1.8	255.6
69+50		
30' Rt	1.8	255.6
6' Rt	2.5	254.9
2 = Edge Pay	2.26	255.15
20' Lt = " "	2.33	255.08
28' Lt	2.4	255.0
69+75		
28' Lt	2.0	255.4
20' Lt = Edge Pay	1.94	255.47
2 = " "	1.94	255.47
7' Rt	2.3	255.1
30' Rt	1.7	255.7

257.41

70+0

30' Pt	15	255.9
6' Pt	2.1	255.3
1/2 = Edge Pav	1.74	255.67
20' Lt. " "	1.60	255.81
38' Lt	1.6	255.8

70+25

38' Lt.	1.3	256.1
20' Lt. Edge Pav	1.23	256.18
1/2 = " "	1.50	255.91
6' Pt	1.6	255.8
30' Pt	1.3	256.1

70+50

30' Pt.	1.1	256.3
5' Pt.	1.2	256.1
1/2 = Edge Pav	1.37	256.04
20' Lt. " "	1.02	256.39
27' Lt.	0.9	256.5

70+75

27' Lt.	0.7	256.7
20' Lt = Edge Pav	0.80	256.61
1/2 = " "	1.29	256.12
5' Pt	1.3	256.1
30' Pt	1.0	256.4

70+91.75 P.C.P.

30' Pt	1.1	256.3
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257.41

8-21-80

422

5' Pt	1.4	256.0	
1/2 = Edge Pav	1.23	256.18	
10' Lt = 1/2 "	0.80	256.61	
20' Lt. Edge	0.14	256.77	
27' Lt	0.5	256.9	
TP	557	26256	
	71+0	0.42	256.99

26' Lt	5.4	257.2
30' Lt = Edge Pav	5.73	256.83
1/2 = " "	6.30	256.26
25' Pt	6.2	256.4

71+25

25' Pt	6.5	256.1
8' Pt	5.9	256.7
1/2	6.2	256.4
0.5' Lt = Edge Pav	6.17	256.39
20' Lt = " "	5.53	257.03
26' Lt	5.5	257.1

71+50

26' Lt	5.3	257.3
30' Lt = Edge Pav	5.34	257.22
0.1' Lt. " "	5.96	256.60
1/2	6.0	256.6
9' Pt	5.8	256.8
25' Pt	6.9	255.7

71+75

262.56

25 PL	74	255 2
18 PL	71	255 5
9 PL	55	257 1
♀	58	256 8
0.1 Lt = Edge Par	572	256 84
20.1 Lt = " "	515	257 41
28 Lt	54	257 2
72+0		
28 Lt	52	257 4
20.1 Lt = Edge Par	486	257 70
10 Lt = ♀ " "	501	257 48
0.2 Lt = Edge "	552	257 04
♀	55	257 1
10 PL	53	257 3
17 PL	69	255 7
25 PL	71	255 5
72+25		
25 PL	68	255 8
7 PL	51	257 5
♀	52	257 4
0.2 Lt = Edge Par	519	256 37
20.1 Lt = " "	454	258 02
26 Lt	49	257 8
72+50		
26 Lt	42	258 4
20.2 Lt = Edge Par	416	258 40

262.56

0.2 Lt = Edge Par	475	257 81
♀	48	257 8
7 PL	50	257 6
25 PL	62	256 4
72+75		
25 PL	54	257 2
7 PL	43	258 3
♀	43	258 3
0.3 Lt = Edge Par	438	258 28
20.2 Lt = " "	383	258 73
26 Lt	38	258 8
73+0		
26 Lt	32	258 3
20.2 Lt = Edge Par	348	259 08
10 Lt ♀ " "	356	259 00
0.3 Lt = Edge "	390	258 66
♀	39	258 7
9 PL	37	258 9
25 PL	47	257 9
73+25		
25 PL	47	257 9
♀	37	258 9
0.2 Lt = Edge Par	366	258 90
20.1 Lt	307	259 49
26 Lt	32	259 4
73+50		

43<sup>3</sup>

212.56

26 Lt	3.1	259.5
20.2 Lt = Edge Pav	3.02	259.54
0.2 Lt = " "	3.51	259.02
2	3.6	259.0
25 Rt	4.5	258.1

731.25

25 Rt	3.7	258.9
2	3.5	259.1
0.2 Lt = Edge Pav	3.52	259.04
20.2 Lt " "	2.93	259.63
26 Lt	3.0	259.6

741.0

26 Lt	3.0	259.6
20.2 Lt = Edge Pav	2.97	259.59
0.3 Lt = " "	3.46	259.10
2	3.5	259.1
25 Rt	3.6	259.1

741.25

25 Rt	3.7	258.9
8 Rt	3.2	259.4
2	3.5	259.1
0.3 Lt = Edge Pav	3.40	259.16
20.3 Lt " "	2.96	259.60
26 Lt	3.0	259.6

741.50

26 Lt	3.0	259.6
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262.56

44

20.2 Lt = Edge Pav	2.93	259.63
0.1 Lt " "	3.43	259.13
2	3.5	259.1
9' Rt	2.8	259.8
25 Rt	4.0	258.6

741.75

25 Rt	3.8	258.8
8 Rt	3.1	259.5
2	3.5	259.1
0.1 Lt = Edge Pav	3.44	259.12
20.2 Lt " "	2.93	259.63
28 Lt	3.2	259.4

751.0

28 Lt	3.3	259.3
20.2 Lt = Edge Pav	2.95	259.61
2	3.50	259.06
8 Rt	3.3	259.3
25 Rt	4.0	258.6

751.25.05 = FC.

25 Rt	3.9	258.7	
8 Rt	3.4	259.2	
2 = Edge Pav	3.52	259.04	
10 Lt = 2	3.22	259.34	
20 Lt = Edge	3.05	259.51	
28 Lt	3.1	259.5	
TP 582	265.23	3.15	259.41

26513

75156

27 Lt	59	259.3
20 Lt = Edge Pav	584	259.39
2 = " "	614	259.09
8 Rt	12	259.0
14 Rt	73	257.9
25 Rt	68	258.4

75175

25 Rt	69	258.3
15 Rt	74	257.8
8 Rt	64	258.8
2 = Edge Pav	613	259.10
20 Lt	588	259.35
23 Lt	63	258.9

7610

27 Lt	60	259.2
20 Lt = Edge Pav	590	259.3
10 Lt = " "	585	259.38
2 = Edge "	599	259.24
6 Rt	61	259.1
14 Rt	73	257.9
25 Rt	66	258.6

76125

25 Rt	58	259.4
14 Rt	71	258.1
7 Rt	60	259.2

26513

45

2 = Edge Pav	578	259.45
20 Lt	583	259.40
27 Lt	60	259.2

76150

27 Lt	59	259.3
20 Lt = Edge Pav	564	259.59
2 = " "	561	259.62
18 Rt	65	258.7
25 Rt	58	259.4

76175

25 Rt	53	259.9
13 Rt	59	259.3
2 = Edge Pav	533	259.90
20 Lt	547	259.76
28 Lt	57	259.5

7710

18 Lt	53	259.9
20 Lt = Edge Pav	526	259.97
10 Lt = " "	510	260.13
20 Lt = Edge "	512	260.11
2 = " "	51	260.1
8 Rt	48	260.4
19 Rt	56	259.6
25 Rt	53	259.9

77125

25 Rt	56	259.6
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26523

19' RT	58	259 4
8' RT	48	260 4
1/2 = Edge Pav	505	260 18
20' Lt - Edge Pav	505	260 18
28' Lt	50	260 23
	77+50	
28' Lt	47	260 5
20' Lt - Edge Pav	492	260 31
1/2 " "	488	260 35
7' RT	46	260 6
25' RT	57	259 5
	77+75	
30' RT	57	259 5
1/2 = Edge Pav	477	260 46
20' Lt " "	473	260 50
28' Lt	47	260 5
	78+0	
28' Lt	43	260 9
199' Lt = Edge Pav	456	260 67
10' Lt	446	260 77
1/2	454	260 69
0.1' RT	454	260 69
8' RT	47	260 5
30' RT	57	259 5
	78+25	
30' RT	58	259 4

26523

46

16' RT	56	259 6
10' RT	41	261 1
0.4' RT - Edge Pav	141	260 82
1/2	140	260 83
196' Lt " "	439	260 84
25' Lt	46	260 6
	78+23	
Flow Line of Road End	725	257 98
Flow Line of Inlet	603	259 20
Grating " "	463	260 60
	78+50	
28' Lt	40	261 2
195' Lt - Edge Pav	423	261 00
1/2	426	260 97
0.9' RT " "	426	260 97
8' RT	41	261 1
20' RT	54	259 8
30' RT	56	259 6
	78+75	
30' RT	47	260 5
13' RT	45	260 7
9' RT	38	261 4
1.3' RT = Edge Pav	401	261 22
1/2	402	261 21

Existing 12" Cast Iron Pipe  
 78+23  
 78+21  
 78+21  
 342

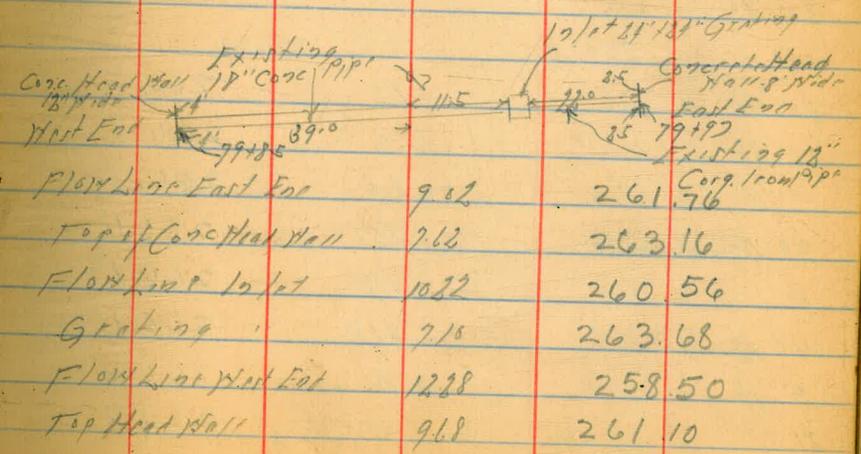
265.23

270.78

82230  
47

18.5 Lt - Edge Pav	3.94	261.29
28 Lt	3.1	261.6
7910		
27 Lt	3.2	262.0
181 Lt - Edge Pav	3.47	261.76
81 Lt = 1/2 "	3.41	261.82
1/2 "	3.52	261.71
19 Rt = Edge "	3.56	261.67
10 Rt	3.6	261.6
13 Rt	4.2	261.0
30 Rt	4.3	260.9
TP 915 270.78	3.60	261.63
79165		7.8 Rt 78.93 62' Head
25 Rt	9.4	261.4
26 Rt = Edge Pav	8.41	262.32
1/2 "	8.41	262.37
17.4 Lt	8.41	262.32
26 Lt	8.4	262.4
79150		
24 Lt	7.8	263.0
166 Lt - Edge Pav	7.86	262.92
1/2 "	7.89	262.89
24 Rt	7.98	262.80
22 Rt	9.3	261.5
30 Rt	9.0	261.8
79175		

30 Rt	8.5	262.3
20 Rt	9.2	261.6
18 R	7.9	262.9
4.3 Rt - Edge Pav	7.43	263.35
1/2 "	7.31	263.44
15.7 Lt	7.34	263.44
38 Lt	7.2	263.4
8010		
30 Lt	6.4	264.4
16.5 Lt - Edge Pav	6.72	264.06
1/2 "	6.77	264.01
5.5 Rt	6.79	263.99
15 Rt	7.1	263.7
30 Rt	7.6	263.2



270.78

80+25

30' Pt	7.6	263.2
15' Pt	6.6	264.2
65' Pt - Edge Pav	1.32	264.56
±	1.10	264.68
125' Lt = " "	1.17	264.61
30' Lt.	6.3	264.5

80+50

30' Lt	5.9	264.9
124' Lt - Edge Pav	5.56	265.22
±	5.51	265.27
76' Pt = " "	5.62	265.16
15' Pt	5.3	265.5
23' Pt	6.9	263.9
30' Pt	7.0	263.8

80+75

30' Pt	6.1	264.7
22' Pt	6.0	264.8
17' Pt	4.3	266.5
8.9' Pt - Edge Pav	4.67	266.11
±	4.59	266.19
11.1' Lt = " "	4.68	266.10
19' Lt	4.6	266.2
26' Lt	5.9	264.9

81+0

25' Lt	4.5	266.3
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270.78

48

20' Lt	3.0	267.8
95' Lt - Edge Pav	3.39	267.39
±	3.38	267.40
105' Pt = " "	3.38	267.40
19' Pt	3.3	267.5
27' Pt	5.2	265.6
30' Pt	5.5	265.3

81+25

30' Pt	3.3	267.5
20' Pt	3.0	268.8
121' Pt - Edge Pav	1.82	268.96
±	1.80	268.98
79' Lt = " "	1.83	268.95
30' Lt	1.6	269.2
25' Lt	1.9	267.9

81+50

23' Lt	1.3	268.5
18' Lt	0.0	270.8
64' Lt - Edge Pav	0.27	270.51
±	0.25	270.43
13.7' Pt = " "	0.21	270.54
23' Pt	0.3	270.6
30' Pt	1.2	269.4

TP	1204	282.76	0.06	270.72
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81+75

30' Pt	10.6	272.2
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282.76

152 Rt = Edge Pav	16.61	272.15
2	10.58	272.18
4.8 Lt = " "	10.64	272.12
16 Lt	10.7	272.1
21 Lt	12.1	270.7
25 Lt	12.6	270.2
82+0		
25 Lt	10.4	272.4
15 Lt	9.5	273.3
3 Lt = Edge Pav	9.06	273.70
2	9.09	273.67
17 Rt = " "	9.00	273.76
23 Rt	9.5	273.3
30 Rt	8.6	274.2
82+2.5		
35 Rt	7.4	275.4
25 Rt	8.0	274.8
18.5 Rt = Edge Pav	7.37	275.39
2	7.50	275.26
1.5 Lt = " "	7.53	275.23
12 Lt	7.8	274.0
17 Lt	9.1	273.7
23 Lt	9.8	273.0
82+5.0		
15 Lt	8.5	274.3
17 Lt	7.9	274.9

282.76

49

14 Lt	6.3	276.5
2 = Edge Pav	6.07	276.69
20 Rt = " "	5.71	277.05
30 Rt	6.2	276.6
82+7.5		
30 Rt	4.8	278.0
28 Rt	4.1	278.7
21.6 Rt = Edge Pav	3.96	278.80
14 Rt = " "	4.48	278.28
2	4.5	278.3
13 Lt	5.3	277.5
16 Lt	7.0	275.8
25 Lt	7.6	275.2
83+0		
25 Lt	6.6	276.2
21 Lt	6.3	276.5
16 Lt	3.4	279.4
2	3.1	279.7
3 Rt = Edge Pav	2.96	279.80
23 Rt = " "	2.18	280.48
30 Rt	2.2	280.6
33 Rt	3.3	279.5
83+31.19 = P.C.L.		
35 Rt	0.7	282.1
32 Rt	0.1	282.7
25.1 Rt = Edge Pav	0.0	282.66

28276

29237

50

4.7' Rt - Edge	0.99	281.77
‡	1.31	281.45 on Hub
15' Lt	1.7	281.1
22' Lt	5.0	277.8
30' Lt	5.6	277.2
TP	9.75	29237
	83+5'	282.62
30' Lt	14.3	278.1
21' Lt	13.3	279.4
16' Lt	10.5	281.9
‡	9.6	282.8
59' Rt - Edge Pav	9.30	283.07
20' Rt	8.51	283.86
282' Rt = " "	8.26	284.11
35' Rt	8.3	284.1
	83+7.5	
35.5' Rt - Edge Pav	6.43	285.94
26.8' Rt = " Strip	6.83	285.54
6.9' Rt = " Pav	7.76	284.61
‡	8.0	284.4
17' Lt	9.1	283.3
23' Lt	12.2	280.2
30' Lt	13.3	279.1
	84+0	
30' Lt	11.7	280.7
33' Lt	11.2	281.2

17' Lt	7.5	285.9
‡	6.5	285.9
77' Rt - Edge Pav	6.25	286.12
20' Rt on "	5.63	286.74
27.4' Rt - Edge Strip	5.49	286.89
	84+2.5	
27.6' Rt - Edge Pav	4.23	288.14
20' Rt	4.50	287.87
8' Rt - Edge "	5.19	287.18
‡	5.4	287.0
18' Lt	6.1	286.3
34' Lt	9.7	282.7
32' Lt	10.6	281.8
	84+5.0	
32' Lt	10.3	282.1
26' Lt	9.8	283.1
20' Lt	6.0	286.4
‡	4.6	287.8
8' Rt - Edge Pav	4.24	288.13
27.8' Rt " "	3.11	289.26
33' Rt	3.4	289.0
	84+7.5	
33' Rt	2.6	289.8
27.9' Rt - Edge Pav	2.47	289.90
8' Rt " "	3.60	288.77
19' Lt	4.4	288.0

292.37

27' Lt	96	282.8
35' Lt	108	281.6
8510		
35' Lt	10.6	281.8
38' Lt	87	283.7
30' Lt	41	288.3
±	30	289.4
72 Rt - Edge Pav	300	289.37
373 Rt - " "	213	290.24
34' Rt	22	290.2
85125		
35' Rt	19	290.5
265 Rt - Edge Pav	192	290.45
64 Rt - " "	268	289.69
±	37	289.7
22' Lt	34	289.0
31' Lt	98	282.6
40' Lt	113	281.1
85150		
45' Lt	145	277.9
38' Lt	138	279.6
25' Lt	36	288.8
±	28	289.6
55 Rt - Edge Pav	262	289.75
256 Rt - " "	183	290.54
35' Rt	15	290.9

292.37

51

85175		
30' Rt	14	291.0
241 Rt - Edge Pav	189	290.48
41 Rt - " "	272	289.65
±	19	289.5
26' Lt	37	288.7
8610		
25' Lt	48	287.6
15' Lt	35	288.9
±	28	289.6
27' Rt - Edge Pav	279	289.58
237 Rt - " "	196	290.41
30' Rt	20	290.4
8613419 E.C.		
30' Rt	25	289.9
20' Rt - Edge Pav	239	289.98
± - " "	282	289.55
25' Lt	44	288.0
86150		
24' Lt	4.5	287.9
18' Lt	3.5	288.9
8' Lt	2.8	289.6
11' Lt - Edge	285	289.52
±	282	289.54
186 Rt	258	289.79
30' Rt	27	289.7

29237

86+25

25' Pt	3.3	289.1
16' Pt - Edge Pav	2.78	289.59
±	2.76	289.61
42' Lt: " "	2.82	289.55
25' Lt	3.7	288.7

87+0

25' Lt	3.0	289.4
71' Lt - Edge Pav	2.82	289.55
±	2.76	289.61
13' Pt = " "	2.87	289.50
30' Pt	3.0	289.4
20' Pt	2.2	290.2

87+25

30' Pt	2.3	290.1
101' Pt - Edge Pav	2.96	289.41
±	2.83	289.54
99' Lt: " "	2.86	289.51
25' Lt	3.5	288.9

87+50

25' Lt	3.0	289.4
12.8' Lt - Edge Pav	2.87	289.50
±	2.87	289.50
7.1' Pt: " "	3.03	289.34
25' Pt	2.7	289.7

87+75

29237

25' Pt

25' Pt	3.1	289.3
45' Pt - Edge Pav	3.10	289.27
±	2.95	289.42
158' Lt: " "	2.94	289.43
30' Lt	3.2	289.2

88+0

30' Lt	3.1	289.3
17.6' Lt - Edge Pav	3.06	289.37
±	3.06	289.31
23' Pt: " "	2.13	289.24
22' Pt	3.6	288.8
25' Pt	2.9	289.5

88+25

25' Pt	3.4	289.0
20' Pt	2.7	288.7
0.7' Pt - Edge Pav	3.10	882.7
±	3.09	89.11
19.3' Lt: " "	3.04	89.23
35' Lt	3.2	289.2

TP 894 29825 3.06 289.21

88+50

30' Lt	9.0	289.3
19.3' Lt - Edge Pav	8.96	289.29
±	8.96	89.29
0.7' Pt: " "	8.97	289.28
23' Pt	9.7	288.6

8-28-00

52

Jenny

88+50

22' RL	92	289.1
±	89	289.4
0.7' Lt. Edge Pin	890	289.35
20.7' Lt. "	888	289.37
30' Lt	88	289.5

88+75

30' Lt	87	289.6
21.4' Lt. Edge Pin	866	289.59
1.4' Lt	872	289.53
±	88	289.5
22' RL	94	288.9

Existing 12" Cast Iron Pipe

10' at 21' 24" Grades

East End

88+71

88+63

West End

570'

210'

10' at East End on Grades	917	289.08
" " Flow Line	1074	287.51
West End Flow Line	1264	285.61

89+0

22' RL	88	289.5
±	82	290.1
2' Lt = Edge Pin	821	289.99
22.2' Lt	821	289.99
30' Lt	83	290.0

89+34.11 - P.C.P

30' Lt	78	290.5
22' Lt = Edge Pin	720	291.05
2' Lt	732	290.93
±	724	291.01
22' RL	79	290.4

89+50

23' RL	73	291.0
±	67	291.6
1.9' Lt = Edge Pin	172	291.53
23' Lt - " "	662	291.62
30' Lt	71	291.2

89+75

29' Lt	58	292.5
21.9' Lt = Edge Pin	528	292.97
1.9' Lt - " "	521	292.99
±	53	293.0
23' RL	63	292.0

90+0

22' RL	42	294.1
±	37	294.6
21' Lt = Edge Pin	365	294.60
22.1' Lt - " "	355	294.70
29' Lt	41	294.2

90+25

29' Lt	20	296.3
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29825

22 Lt - Edge Pav	177	296.48
2.6 Lt	181	296.44
2	19	296.4
20 Rt	24	295.9
TP	1214	309.91
	0.48	297.77
	90+50	
20 Rt	110	298.9
15 Rt	122	297.7
2	117	298.2
21 Lt - Edge Pav	1159	298.32
231 Lt	1160	298.31
29 Lt	118	298.1
	90+75	
29 Lt	97	300.2
233 Lt - Edge Pav	976	300.15
2.3 Lt	972	300.19
2	98	300.1
13 Rt	107	299.2
20 Rt	99	300.0
	91+0	
20 Rt	87	301.2
11 Rt	89	301.0
2	80	301.9
27 Lt - Edge Pav	782	302.09
237 Lt	782	302.09
29 Lt	80	301.9

30991

54

	91+25	
20 Lt	60	303.9
24 Lt - Edge Pav	602	303.89
4 Lt	597	303.94
2	63	303.6
14 Rt	74	302.5
20 Rt	59	304.1
	91+50	
20 Rt	59	306.0
17 Rt	54	304.5
13 Rt	59	304.0
2	44	305.5
43 Lt - Edge Pav	413	305.78
24 Lt	418	305.73
30 Lt	45	305.4
	91+75	
30 Lt	30	306.9
24 Lt - Edge Pav	254	307.37
4 Lt	241	307.47
2	27	307.2
16 Rt	40	305.9
20 Rt	27	307.2
	92+0	
20 Rt	0.7	309.2
16 Rt	1.8	308.1
2	1.2	308.7

309.91

15' Lt - Edge Pav	0.89	309.02
24.5' Lt - " "	0.92	308.99
30' Lt	1.0	308.91
TP	12.18	322.44
	92+25	309.76
30' Lt	12.1	310.3
24.8' Lt - Edge Pav	11.98	310.46
4.8' Lt - " "	11.96	310.48
1/2	12.2	310.2
17' Lt	13.0	309.4
20' Lt	11.9	310.5
	92+50	
20' Lt	10.1	312.3
17' Lt	11.2	311.2
1/2	10.6	311.8
4.8' Lt - Edge Edge	10.54	311.90
24.8' Lt	10.60	311.84
30' Lt	10.6	311.8
	92+75	
30' Lt	9.3	313.1
26.1' Lt - Edge Pav	9.25	313.19
19' Lt - " "	9.15	313.24
1/2	9.1	313.3
15' Lt	10.1	312.3
20' Lt	9.7	312.7

93+0

322.44

55

20' Lt	9.5	313.9
17' Lt	9.0	313.4
1/2	8.0	314.4
19' Lt - Edge Pav	7.76	314.68
30' Lt - " "	7.94	314.50
35' Lt	8.2	314.2
	93+25	
40' Lt	6.1	315.8
32.2' Lt - Edge Pav	6.61	315.83
25' Lt 02	6.55	315.89
19' Lt - Edge	6.44	316.00
1/2	6.8	315.6
20' Lt	7.4	315.0
	93+50	
20' Lt	4.1	317.8
18' Lt	5.6	316.8
10' Lt	6.0	316.4
1/2	5.7	316.7
5' Lt - Edge Pav	5.35	317.09
25' Lt 02	5.34	317.10
43.8' Lt - Edge	5.30	317.14
50' Lt	5.4	317.0
	93+75	
55' Lt	4.5	317.9
52.2' Lt - Edge Pav	4.41	317.98
35' Lt 02	4.38	318.06

32244

2.5' Lt on Pav	122	318 22
4.8' Lt - Edge Pav	121	318 23
2	15	317.9
19' FF	39	318 5
	94+0	
20' FF	31	319 3
2	34	319.0
4.6' Lt - Edge Pav	317	319 27
24.6' Lt " "	318	319 32
30' Lt	33	319.1
	94+25	
20' Lt	23	320.1
24.6' Lt - Edge Pav	206	320 38
4.6' Lt " "	220	320 24
2	26	319.8
7' FF	18	320 6
20' FF	11	321 3
	94+50	
20' FF	04	322 0
7' FF	09	321 5
8' FF	17	320 7
2	15	320 9
4.5' Lt - Edge Pav	123	321 21
24.5' Lt " "	110	321 34
30' Lt	12	321 2
FF	927	33147 024 32220

33147

56

	94+75	
30' Lt	94	322 1
24' Lt - Edge Pav	914	322 33
4' Lt " "	933	322 14
2	96	321 9
2' FF	100	321 5
20' FF	86	322 9
	95+0	
20' FF	82	323 3
7' FF	85	323 0
3' FF	93	323 2
2	87	322 8
39' Lt - Edge Pav	844	323 03
239' Lt " "	834	323 17
30' Lt	85	323 0
	95+25	
30' Lt	79	323 6
23.6' Lt - Edge Pav	761	323 86
3.6' Lt " "	766	323 81
2	78	323 7
3' FF	81	323 4
20' FF	75	324 0
	95+50	
20' FF	70	324 5
8' FF	74	324 1
2	71	324 4

331.47

23 Lt - Edge Pav	705	324.42
23.3 Lt - " "	191	324.56
30 Lt	71	324.4
	95+95	
30 Lt	68	324.7
25 Lt	62	325.3
28 Lt - Edge Pav	127	325.20
3 Lt - " "	131	325.16
L	65	325.0
3 Rt	69	324.6
30 Rt	64	325.1
	96+0	
20 Rt	52	326.3
1 Rt	63	325.2
L	58	325.7
25 Lt - Edge Pav	561	325.86
22.5 Lt - " "	564	325.83
25 Lt	57	325.8
30 Lt	63	325.2
	96+25	
30 Lt	53	326.2
25 Lt	50	326.5
22 Lt - Edge Pav	502	326.45
2 Lt - " "	500	326.47
L	51	326.4
5 Rt	57	325.8

331.47

57

20 Rt	54	326.1
	96+50	
20 Rt	47	326.8
5 Rt	50	326.5
L	45	327.0
16 Lt - Edge Pav	146	327.01
21 Lt	445	327.02
30 Lt	46	326.9
	96+75	
25 Lt	40	327.5
21 Lt - Edge Pav	392	327.55
11 Lt - " "	392	327.55
L	39	327.6
5 Rt	43	327.2
20 Rt	41	327.4
	97+0	
20 Rt	35	328.0
5 Rt	38	327.7
L	34	328.1
0.7 Lt - Edge Pav	345	327.99
10.7 Lt - L	338	328.09
20.7 Lt - Edge	348	327.99
25 Lt	36	327.9
	97+25	
25 Lt	32	327.3
20.2 Lt - Edge	319	328.28

10.2 Lt = $\frac{1}{2}$ Par	3.16	328.37
0.3 Lt = Edge "	3.10	328.27
$\frac{1}{2}$	3.2	328.3
6' R1	3.5	328.0
20' R1	3.2	328.3

97 + 55.58 FC

20' R1	2.7	328.8
5' R1	3.1	328.4
$\frac{1}{2}$	2.99	328 <sup>48</sup> <sub>07/100</sub>
0.2 Lt = Edge Par	3.02	328.45
10.2 Lt = $\frac{1}{2}$ "	2.94	328.53
20.2 Lt = Edge "	2.99	328.48
25 Lt	3.1	328.4

97 + 75

25 Lt	3.0	328.5
20.6 Lt = Edge Par	2.94	328.53
10.6 Lt = $\frac{1}{2}$ "	2.90	328.57
$\frac{1}{2}$ - Edge "	2.98	328.49
20' R1	3.1	328.4

97 + 87.5

20' R1	3.1	328.4
0.5 R1 = Edge Par	2.94	328.53
$\frac{1}{2}$	2.94	328.53
10' Lt	2.83	328.64
20.8 Lt = Edge Par	2.88	328.59
25 Lt	2.9	328.6

98 + 0

25 Lt	2.9	328.6
23.7 Lt = Edge Par	2.73	328.74
12.7 Lt = $\frac{1}{2}$ "	2.75	328.72
$\frac{1}{2}$ on "	2.85	328.62
1.2 R1 = Edge "	2.95	328.62
20' R1	3.4	328.1

98 + 18.5

20' R1	3.6	327.9
23 R1 = Edge Par	2.85	328.62
$\frac{1}{2}$ on "	2.81	328.66
10' Lt " "	2.66	328.81
25.8 Lt = Edge Par on up on	2.66	328.81

98 + 25

20' Lt on Par	2.72	328.75
10' Lt " "	2.65	328.82
$\frac{1}{2}$ " "	2.78	328.69
3' R1 = Edge Par	2.83	328.64
20' R1	3.5	328.0

98 + 50

13.9 Lt = Edge Par	2.77	328.70
$\frac{1}{2}$ on "	2.67	328.80
10' Lt " "	2.63	328.84
20' Lt " "	2.90	328.57

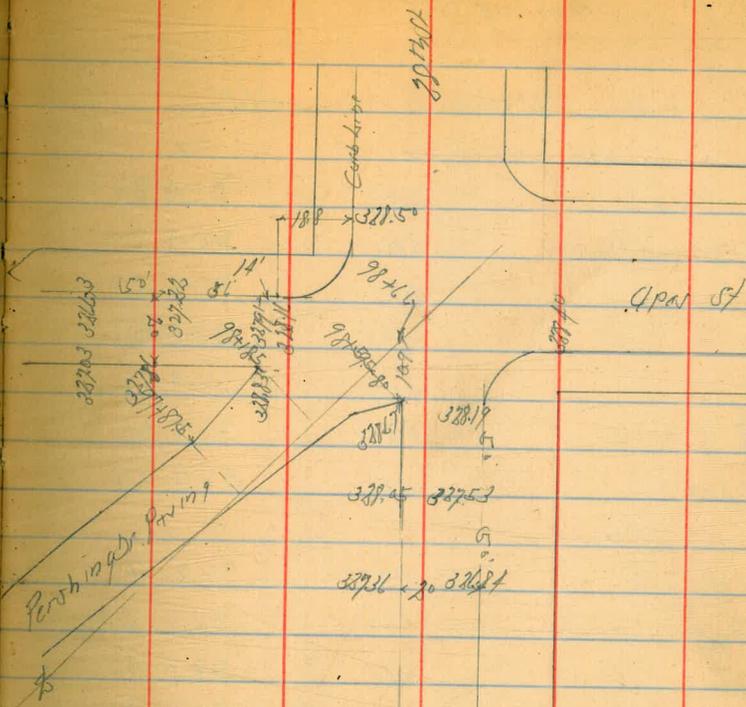
98 + 59.5

20' Lt	2.83	328.64
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331.47

10 1/2	27 Pcs	213	328 84
1/2	" "	213	328 74
8 P/	2 set of Pcs 27 28 1/4 St.	277	328 70

B 17		266	328 81	0.580 Up to 2.14 328 80
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329.20

14 W	547	323 73
18.5 W	548	323 72
22.5 W	576	323 44
25 W	68	322 4
30 W	64	322 8
16 W	54	323 8
10 W - Edge Pnt	553	323 67
4	543	323 77
10 F	543	323 77
15 F	56	323 6
25 F	53	324 0
25 F	53	323 9
15 F	59	323 3
10 F - Edge Pnt	573	323 47
4	559	323 61
10 W	568	323 52
16 W	56	323 6
20 W	70	322 2
25 W	71	322 1
25 W	75	321 7
30 W	71	322 1
16 W	62	323 0
10 W - Edge	618	323 02

0+80

1+0

1+50

329.20

61

4	611	323 09
10 F	618	323 02
15 F	62	323 0
25 F	59	323 3
25 F	63	322 9
16 F	71	322 1
10 F - Edge Pnt	682	322 38
4	678	322 42
10 W	681	322 39
17 W	70	322 2
20 W	83	320 9
25 W	84	320 8
25 W	84	320 8
20 W	82	321 0
17 W	75	321 7
10 W - Edge Pnt	755	321 65
4	762	321 58
10 F	770	321 50
16 F	83	320 9
25 F	74	321 8
25 F	83	320 9
16 F	92	320 0
10 F - Edge	880	320 40

2+0

2+50

3+0

329.20

32895

62

2	8.72	320 48
10'H = Edge	8.80	320 40
17'H	8.8	320 4
21'H	10.4	318 8
25'H	10.7	318 5
3+50		
25'H	11.6	317 6
21'H	11.4	317 8
17'H	10.2	319 0
10'H = Edge Pav	9.97	319 23
2	9.83	319 37
10'E = "	9.93	319 27
17'E	10.5	318 7
19'E	9.6	319 6
25'E	9.1	320 1
TP	3.96	322.95
	10.21	318.99

Existing Inlet &amp; Sog Pavement

Inlet Grating	4.61	318 34
Flare Line	6.16	316 79
" " ALW Ed	8.25	314 70

3+94.5: Set of Paving on E

25'E = Edge Pav	3.12	319 33
10'E = Edge Pav	4.57	318 38
2	4.57	318 43
10'H	4.69	318 26

16'H	50	313 0
20'H	68	316 2
25'H	74	315 6
4+25		
25'H	8.0	315 0
21'H	7.6	315 4
17'H	5.7	317 3
10'H = Edge Pav	5.46	317 49
2	5.33	317 62
10'E	5.21	317 74
4+50		
10'E	6.18	316 77
2	6.36	316 59
10'H	6.48	316 47
17'H	6.5	316 5
25'H	8.7	314 3

5+0

25'H	10.6	312 4
17'H	9.3	312 7
10'H = Edge Pav	8.88	314 07
2	8.66	314 29
10'E	8.56	314 39
5+17.88 = 92+75		
94'E = Edge Pav	9.64	313 31
2	9.60	313 35
11.8'H = " "	9.76	313 19
19'H	9.9	313 1



293.05

5.82 <sup>1/2</sup> Edge Pin	7.24	285.81
0+75		
11.4 <sup>1/2</sup> Edge Pin	6.58	286.47
1/2 on "	6.22	286.73
10' RT "	6.29	286.76
282' RT - Edge Pin	5.66	287.39
40' RT	5.6	287.5
0+875		
40' RT	4.5	288.6
35' RT	5.5	287.6
28.1' RT - Edge Pin	4.66	288.39
15' RT on "	4.99	288.06
5' RT " "	5.66	287.39
1/2 " "	5.66	287.39
19.2 <sup>1/2</sup> Edge "	5.98	287.07
1+0		
4' LT - Fly Edge of Porthole Pin	4.95	288.10
1/2	4.4	288.7
8.2' RT - Fly Edge of Porthole Pin	3.48	289.57
27.8' RT	3.72	289.33
37' RT	4.8	288.3
40' RT	3.3	289.8
1+125		
40' RT	3.0	291.1
35' RT	3.2	289.9
27.7' RT - Edge Pin	2.58	290.47

293.05

61

11.5 - Edge Pin	2.21	290.84
1/2	2.64	290.41
15.2 <sup>1/2</sup> - Fly Edge Porthole Pin	5.1 7.22	288.83
Existing 12' Core from P. pr		
A1 84433.7		
East End Flow Line	5.39	287.66
Core Head/Hall Tap End	3.37	289.78
" " " " " End	4.53	288.52
Flow Line at End	10.78	282.27
1+25		
27.3 <sup>1/2</sup> - Fly Edge Porthole Pin	3.62	289.43
19' LT	4.1	289.0
10' LT	1.9	291.2
1/2	1.3	291.8
7.5' RT - Edge Pin	1.04	292.01
27.4' RT " " "	1.58	291.47
34' RT	2.1	291.0
40' RT	0.6	292.5
TP 12.50 30.511	0.44	292.61
1+50		
40' RT	10.0	295.1
33' RT	12.0	293.1
26.1' RT - Edge Pin	11.21	293.90
6.3' RT " " "	10.53	294.58
1/2	10.6	294.5
25' LT	11.7	293.4

30511

1775

25' Lt	8.6	296.5
2	8.1	297.0
42' Pt - Edge Pav	79.6	297.15
112' Pt	8.69	296.42
30' Pt	9.3	295.8
40' Pt	7.0	298.1

210

40' Pt	5.0	300.1
30' Pt	7.0	298.1
218' Pt - Edge Pav	14.0	298.71
1.6' Pt	5.61	299.50
2	5.6	299.5
25' Lt	5.8	299.3

2125

25' Lt	3.8	301.3
10' Lt	2.9	302.2
0.5' Lt - Edge Pav	2.46	301.71
2	2.41	301.70
188' Pt	1.06	301.05
27' Pt	5.0	300.1
30' Pt	2.4	301.7
10' Pt	2.2	301.9

2136

10' Pt	2.7	302.4
25' Pt	2.9	301.2

30511

65

17.1' Pt - Edge Pav	3.06	302.11
2	2.16	302.65
22' Lt - Edge	2.42	302.69
12' Lt	2.2	302.9
25' Lt	3.3	301.8

215654-FC

25' Lt	3.1	302.0
21' Lt	2.0	303.1
59' Lt - Edge Pav	1.33	303.78
2	1.27	303.84
148' Pt	1.82	303.29
21' Pt	2.7	302.4
25' Pt	1.6	303.5
10' Pt	1.6	303.5

2175

25' Pt	0.8	304.3
18' Pt	1.2	303.9
117' Pt - Edge Pav	0.16	304.45
2	0.27	304.84
83' Pt	0.47	304.64
15' Lt	0.7	304.4
17' Lt	1.6	303.5
20' Lt	0.0	305.1

TP	1.88	311.75	0.24	304.87
	31.0			
25' Lt			1.9	306.9

311.75

30' Lt	49	306 9
17' Rt	63	305 5
14' Lt	56	306 2
10' Lt - Edge Pav	538	306 37
4	521	306 54
70' Rt - " "	542	306 33
18' Rt	55	306 3
25' Rt	49	306 9

320.75

25' Rt	47	307 1
16' Rt	51	306 7
10' Rt - Edge Pav	488	306 87
2	476	306 99
10' Lt " "	484	306 91
16' Lt	56	306 2
20' Lt	43	307 5
25' Lt	42	307 6

322.15 - W/ Edge of Pav on 28' 1/2 Dk

28.5' Lt on Pav	384	308 91
18.5' Lt	354	308 21
10' Lt	409	307 66
2	398	307 77
10' Rt	481	307 54
23' Rt	385	307 90
28.5' Rt	360	308 15

324.28: ECB of 28' 1/2 Lt

311.75

66

28.5' Rt on Pav	345	308 30
18' Rt " "	360	308 15
10' Rt " "	333	308 42
2	310	308 65
10' Lt " "	305	308 70
18.5' Lt " "	313	308 62
28.5' Lt " "	279	308 96

325.99

18.5' Lt on Pav	267	309 08
2	253	309 22
18.5' Rt	337	308 38

326.99 = E-L of 28' 1/2 Rt

18.5' Rt on Pav	388	308 47
2	223	309 52
18.5' " "	346	309 29

BM

274

309 01

SE BP  
Wood road 4206  
309 06

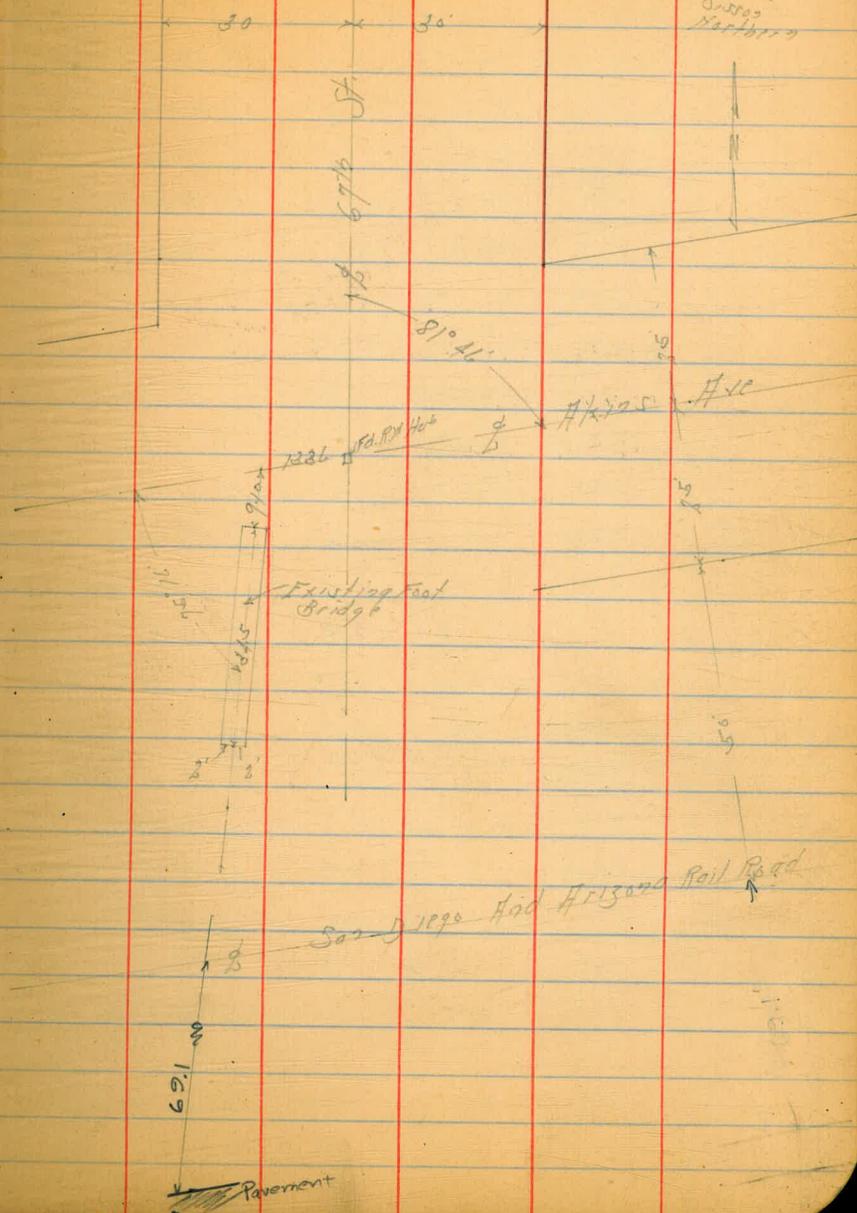
67

Existing Foot Bridge  
 Akias Ave Mod 67' 1/2'

Index of  
 C.S.K.

	HIS, 2		
on Pavc	7.9		2.7
+ 40	8.2		3.0
on Track	5.2		0.0
Tr + 8	6.2		1.0
on S End Bridge	9.0	7.5 under = ground.	3.8
on N End Bridge	9.1	7 under = ground	3.9
H End + 25	10.		4.8
N " H 25	7.8		2.6

68  
 Horizontal  
 Moore  
 Sutter  
 Markham



5-24-32  
Miller  
Walker  
Bliss

X Sec 32<sup>nd</sup> St Grape to Hawthorne  
cont. curb on E. S. W. of E. line. indexed  
Plat Book 1284. Page 54. C.S.K.

B.M. B.P.	7.47	284.43	276.96	S.W. 32 <sup>nd</sup> + Grape.
N. ch. line Grape = N. Edge pavmt.				
10' W. of W. line = P.C. 10' Rad. Ret. gutter		6.43	278.00	
" " " " " " " " " " " "		5.83	278.60	
W. line pavmt.		6.33	278.00	
✓ $\Phi$ " "		6.10	278.33	
E. ch. " "		6.07	278.36	
E. line " "		4.32	278.11	
" " " " " " " " " " " "		5.70	278.73	
5' E. of E. line = P.C. 10' Rad. Ret. on curb		5.84	278.39	
" " " " " " " " " " " "		6.55	277.88	
00 = N. Line Grape 24.33 Roadway.				
E. emb. ch.		5.50	278.93	
gutter		6.0	278.4	
✓ $\Phi$ " "		5.8	278.6	
W. ch. line to be 0.67 E. of W. line		5.8	278.6	
W. line on N. End. Existing emb. ch.		5.41	279.02	
(This Return should be built out to put Back of Curb on W. Property line)				
0+30 N R4.75 Roadway				
W.		4.9	279.5	
+0.67 = ch.		5.0	279.4	
+4'		5.5	278.9	
✓ $\Phi$ " "		5.5	278.9	
gutter		5.8	278.6	
E. emb. ch.		5.29	279.14	

284.43

0+60	N 25.27 Roadway	69
	5.15	279.28
	5.6	278.8
✓ $\Phi$	5.2	279.2
+8	5.3	279.1
W. ch. line	5.3	279.1
W. line at bottom of emb. step	5.3	279.1
W " " Top " " "	4.93	279.50
1+11.5 N 25.87 Roadway.		
W. line on emb. step	4.69	279.74
+0.58 edge " "	4.69	279.74
+0.67 ch. line	4.9	279.5
✓ $\Phi$	4.9	279.5
gutter	5.2	279.2
E. emb. ch.	4.74	279.69
1+40.2 S. line Alley 26.27 Roadway		
E. emb. ch.	4.55	279.88
gutter	5.0	279.4
✓ $\Phi$	4.5	279.9
W. ch. line	4.5	279.9
+0.67 = W. line	4.5	279.9
1' W. of W. line = E. end. S. edge Alley pavmt.	4.64	279.79
1+50.2 $\Phi$ Alley 26.42 Roadway.		
0.65 W of W. line = E. end Alley pavmt	4.83	279.60
W. line	4.9	279.5
+0.67 = W. ch	4.8	279.6
✓ $\Phi$	4.5	279.9

284.43

1+50.2 N.

gutter	4.8	279.6
E. cb	4.43	280.00
1+60 <sup>2</sup> N. = N. line = Alley 26.55 Roadway.		
E. cnt. cl	4.36	280.07
gutter	4.8	279.6
✓ ♀	4.5	279.9
W. cl	4.5	279.9
W. line	4.5	279.9
0.30 W. of W. line = E. End. N. Edge Alley Paymt	4.43	280.00
1+84.5 26.88 Roadway.		
W. line	3.4	287.0
+0.67 = cl line	4.0	280.4
♀	4.3	280.1
gutter	4.6	279.8
E. cnt. cl	4.22	280.21
1+89 <sup>2</sup> N. = S. line = Alley on E 26.74 Roadway		
E. line on cnt. Alley Ret	4.07	280.36
" " " " Paymt	4.18	280.25
+2.4 W. End " "	4.30	280.13
E. cnt. cl.	4.13	280.30
gutter	4.5	279.9
♀	4.2	280.2
W. cl	4.2	280.2
W.	3.4	281.0

284.43

32<sup>nd</sup> St.

1+97.7 N = ♀ Alley

27.07 Roadway.

70

W.	4.0	280.4
cl.	4.0	280.4
♀	4.1	280.3
gutter	4.6	279.8
+2.8 = W. end. paymt.	4.52	279.91
E on "	4.50	279.93
2+06 <sup>2</sup> N. line Alley 27.18 Roadway.		
E. on paymt.	4.26	280.17
E. Bmt. cl. Alley Ret.	3.97	280.46
+2' = W. end Alley paymt.	4.29	280.14
E. cl.	3.99	280.44
gutter	4.5	279.9
♀	4.0	280.4
cl.	3.7	280.7
+0.67 = W. line	3.7	280.7
2+10 N. double garage on W. cnt. floor 8' Back		
W-8'	2.29	282.14
W.	3.8	280.6
2+50 N 27.80 Roadway		
W.	3.0	281.4
+0.67 = cl	3.4	281.0
+2'	3.8	280.6
♀	3.7	280.7
gutter	4.2	280.2
E. cnt. cl	3.80	280.63

284.43  
3 + 003 N. =  $\left. \begin{array}{l} \text{S. Edge Pavmt.} \\ \text{S. Line Hawthorn} \end{array} \right\} 28.50 \text{ Roadway}$

E. cmt. ch.	3.39	281.04
gutter pavmt.	3.82	280.61
4 "	3.40	281.03
W. gutter "	3.23	281.20
W. cmt. ch.	2.85	281.58
+ 0.67 = W. line	2.8	281.6
chk. original B.M.	7.47	276.96

32<sup>nd</sup> St.

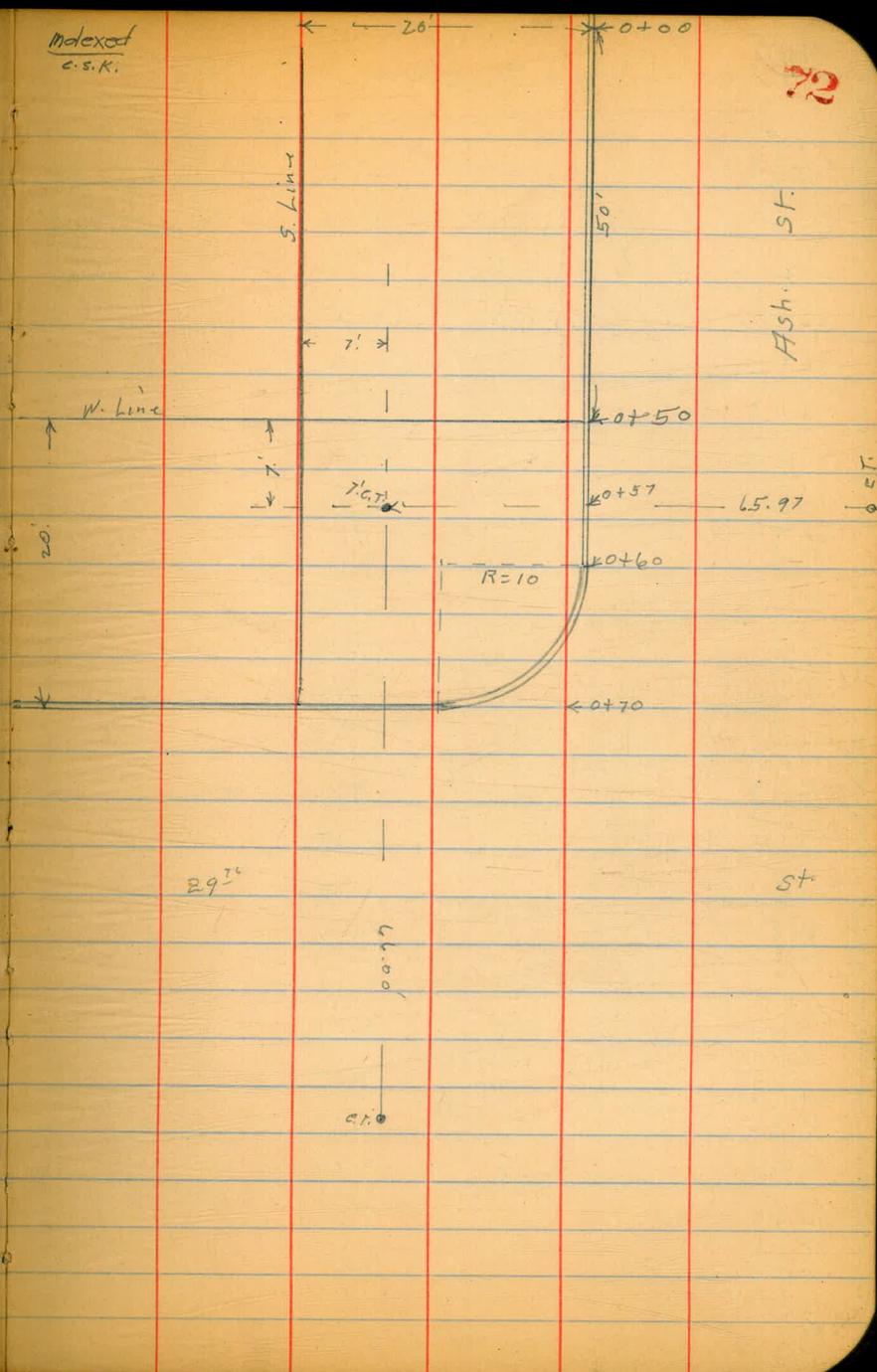
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Levels S.W. Cor. 29<sup>th</sup> & Ash. Sts.

Indexed  
c.s.K.

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B.M.	3.84	2 07.85	204.01	1.2.29 <sup>th</sup> + Ash.
	0+00 = 50' W. of W. Line 29 <sup>th</sup> St			
S.G			3.83	
S.d			3.29	
+07.87 S	= N. edge walk 5'-4" wide		3.31	
+13.9	= S " "			
+20 S	= S. Line			
		0+29		
S.G			4.77	
S.d			4.28	
+07.87	= N. edge walk		4.41	
+13	= S " "		4.40	
+20	= S. Line		4.2	
		0+37		
S.G			5.09	
S.d			4.55	
+07.87	= N. edge walk		4.76	
+13.	= S " "		4.76	
+20	= S. Line		4.4	
		0+45		
S.G			5.36	
S.d			4.81	
+07.87	S = N. edge walk		5.21	
+13.	S = S " "		5.16	
+20	= S. Line		4.8	



207.85  
 0+50 = W. Lim - 29  $\frac{1}{2}$  = W. End Solid Return

S. G	5.47
S. cl	4.86
+ 7.67 S = N edge walk tow	5.10
+ 13. S = S edge walk tow	5.12
+ 20 S = S. lim on Cor Ret.	4.97
+ 40. S	5.0
+ 62. S	5.8
+ 70.5 S	6.2
+ 88.5	6.7

0+57

S. G	5.46
S. cl	4.68
+ 9.5 S	5.00
+ 20' S = S. End Solid Ret. on edge walk to S.	4.89
+ 40' S " " "	5.46
+ 62' S " " "	6.23
+ 70.5 S " " "	6.32
+ 88.5 S " " "	7.29

0+62 <sup>33</sup>

S. G	5.49
S. cl	4.60
+ 9.5 S	4.86
+ 20 E Edge walk	4.89
+ 40 " " "	5.49
+ 62 " " "	6.20
+ 70.5 " " "	6.28
+ 88.5 " " "	7.28

207.85  
 0+70 = W. cl of 29<sup>12</sup>

73

S. cl. lim pav P.I. Curbs	5.40
+ 9.5 S. @ pav	5.59
+ 9.5 S Top. cl	4.71
+ 13. S " "	4.89
+ 13. S G.	5.62
+ 20. S " "	5.76
+ 20. S Top. cl	4.93
+ 40. S " "	5.73
+ 40. S G.	6.39
+ 62. S " "	7.13
+ 62. S Top. cl	6.52
+ 70.5 S " "	6.78
+ 70.5 S G	7.31
+ 88.5 S " "	7.99
+ 88.5 Top. cl	7.31



	452.02		
	0 + 36		
W	5.1	456.9	
±	4.9	447.1	
+ 9.8 ground	4.0	448.0	
+ 9.8 Tile el. N. End	3.40	448.6	
0 + 50 ± Double garage on E. cmt floor 8.6 Back			
E - 8.6 floor	2.93	449.09	
0 + 46 ± Double garage on W. cmt floor 3.0 Back			
W = E. Edge cmt apron	4.34	447.68	
W + 3.0 - floor	4.16	447.86	

	0 + 72		
E	3.2	448.8	
+ 4	3.9	448.1	
±	4.2	447.8	
W.	4.1	447.9	
	1 + 00		
W	3.3	448.7	
±	2.8	449.2	
E	2.3	449.7	
	1 + 50		
E	1.0	451.0	
+ 4	1.3	450.7	
±	1.4	450.6	
W.	0.6	451.4	
T.P.	6.75	457.94	0.83 451.19

	457.94		
	2 + 00		
W	5.9	452.0	
±	5.8	452.1	
E	5.7	452.2	
	2 + 50		
E	5.2	452.7	
±	5.1	452.8	
W	5.2	452.7	
	2 + 85 ± double Garage on W. cmt. floor 19.5' Back		
W - 19.5' = floor	4.50	453.44	
W. = E. End cmt. apron.	4.67	453.27	
	3 + 00		
W	4.7	453.2	
±	4.7	453.2	
E.	4.4	453.5	
	3 + 50		
E	4.2	453.7	
±	4.6	453.3	
W	4.8	453.1	
	3 + 75		
W	4.7	453.2	
±	4.6	453.3	
E	4.3	453.6	
	4 + 00		
E	4.8	453.1	
±	5.0	452.9	
W	5.0	452.9	

457.94<sup>✓</sup>

4+35

E	4.6	453.3
±	5.8	452.6
W	5.4	452.5

4+50

W	5.9	452.0
±	5.7	452.2
+6	5.4	452.5
E	4.9	453.0

4+60 ± double garage on W. ent floor &amp; Back

W-3' = E. End. ent. Apron 6.13 451.81

W-8' = floor 5.93 452.01

4+65

E	5.8	452.1
±	5.7	452.2
W	5.9	452.0

4+80

W	5.3	452.6
±	5.7	452.2
E	5.8	452.1

5+00

E	5.9	452.0
±	6.0	451.9
W	5.9	452.0

T.P. 1.11 453.25<sup>✓</sup> 5.80 452.14<sup>✓</sup>453.25<sup>✓</sup>5+48.5 N. End. N Entrance Garage on E. ent floor 0.5<sup>76</sup> Back

E-1.5' = floor 0.96 452.29

5+50

W	1.8	451.5
±	1.8	451.5
E	1.3	452.0

6+00

E	2.4	450.9
±	2.8	450.5
W	2.6	450.7

6+15

W-10' in yard	3.2	450.1
W-11' in yard	3.2	450.1
W	2.4	450.9
±	3.2	450.1
E	3.5	449.8

6+39

E	4.7	448.6
+5	4.1	449.2
±	2.5	450.8

W+0.1 Top. wall N. End. 2.9 450.4

W+1' in yard S.E. Cor Garage 3.9 449.4

Entrance on  
Retland drive

W+10' " " 3.9 449.4

6+47

W-1 = E. wall stucco Garage. 2.9 450.4

W 2.9 450.4

+2 4.7 448.6

+7 4.7 448.6

± 3.8 449.5

E 6.0 447.3

453.25 ✓

6+54<sup>36</sup>  $\neq$  = S. Line Redlands Drive. (on diagonal)

E =	cmt. cl	S. End.	8.01	445.24
E =	pav	" "	8.37	444.88
E =	ground	" "	7.4	445.9
$\neq$	"	" "	8.29	444.96
$\neq$	ground	" "	7.4	445.9
W	"	" "	7.91	445.34
+0.2	cmt.urb.	" "	7.54	445.71
W+0.2	ground		7.4	445.9

10. N of S = S. cl. line Redland Dr

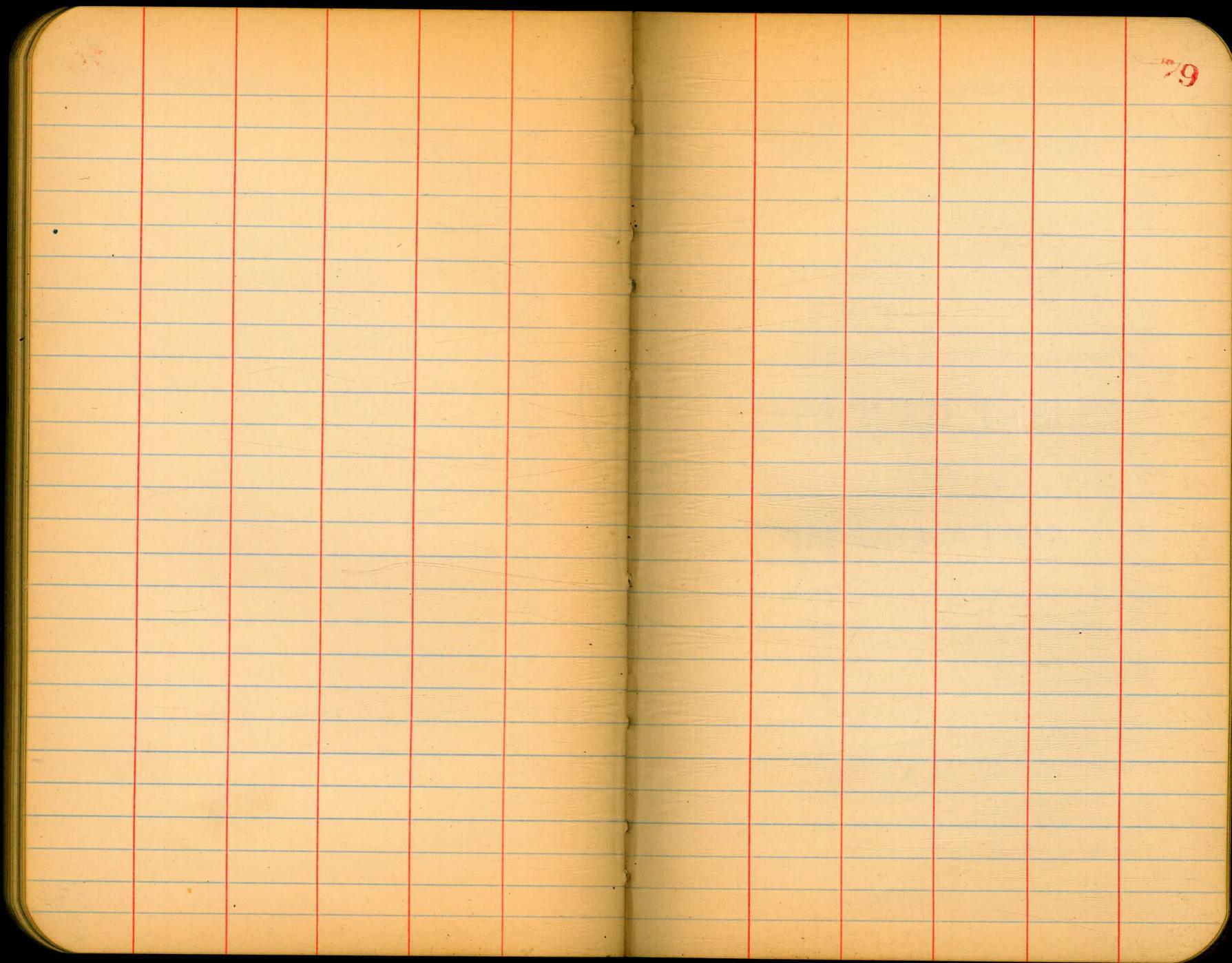
W. Produced. =	cmt. cl		7.74	445.51	
"	"	pav	8.25	445.00	
$\neq$	"	"	8.37	444.88	
at 90°-00 from	S. Line Redland Dr.	E. Line Alley	8.60	444.65	pav
" " "	"	"	8.23	445.02	cmt. cl

T.P.	0.93	444.68	9.50	443.75
T.P. B.M. B.P.	7.46	443.95	8.19	436.49 = 436.54
T.P.	2.42	442.29	4.04	439.87
Orig. B.M.			8.64	433.65 ✓

GB. 162-P1.

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DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

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

from side stake to slope stake. If ground is not level, the side stake and slope stake, lower target by the amount it cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point and line of sight should cut target. **IMPROVED TABLES AND INFORMATION** necessary.

TABLE No. 2.

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

18+80  
 Sta. 19+40 Rt. +6 above Pave  
 19+60

PC. 20-388 Lt. 1 lower by 3' bench

21+388 Lt.  $\frac{2.3}{1.4}$  low. land

100 Easton Bridge 1. out Rt.  
 Tapers to top of spread.

BCH + 2972 Lt.  $\frac{3.3}{2.9}$   
 +50  $\frac{3.4}{2.4}$   
 +50  $\frac{3.2}{2.2}$   
 EC  $\frac{3.9}{3.0}$

16+0892  $\frac{2.8}{2.4}$

scale to New Ct.  $\frac{1.8}{1.2}$   
 E. 47+136  $\frac{3.0}{2.9}$   
 100 -  $\frac{4.4}{2.4}$

7.67 315.33  
 1.78 1.78  
 9.45 52  
 34  
 18

327.

176.7  
 156.7  
 4468  
 6654  
 8.74  
 8.19

ENGINEERING DEPARTMENT,  
 CITY OF SAN DIEGO,  
 CALIFORNIA