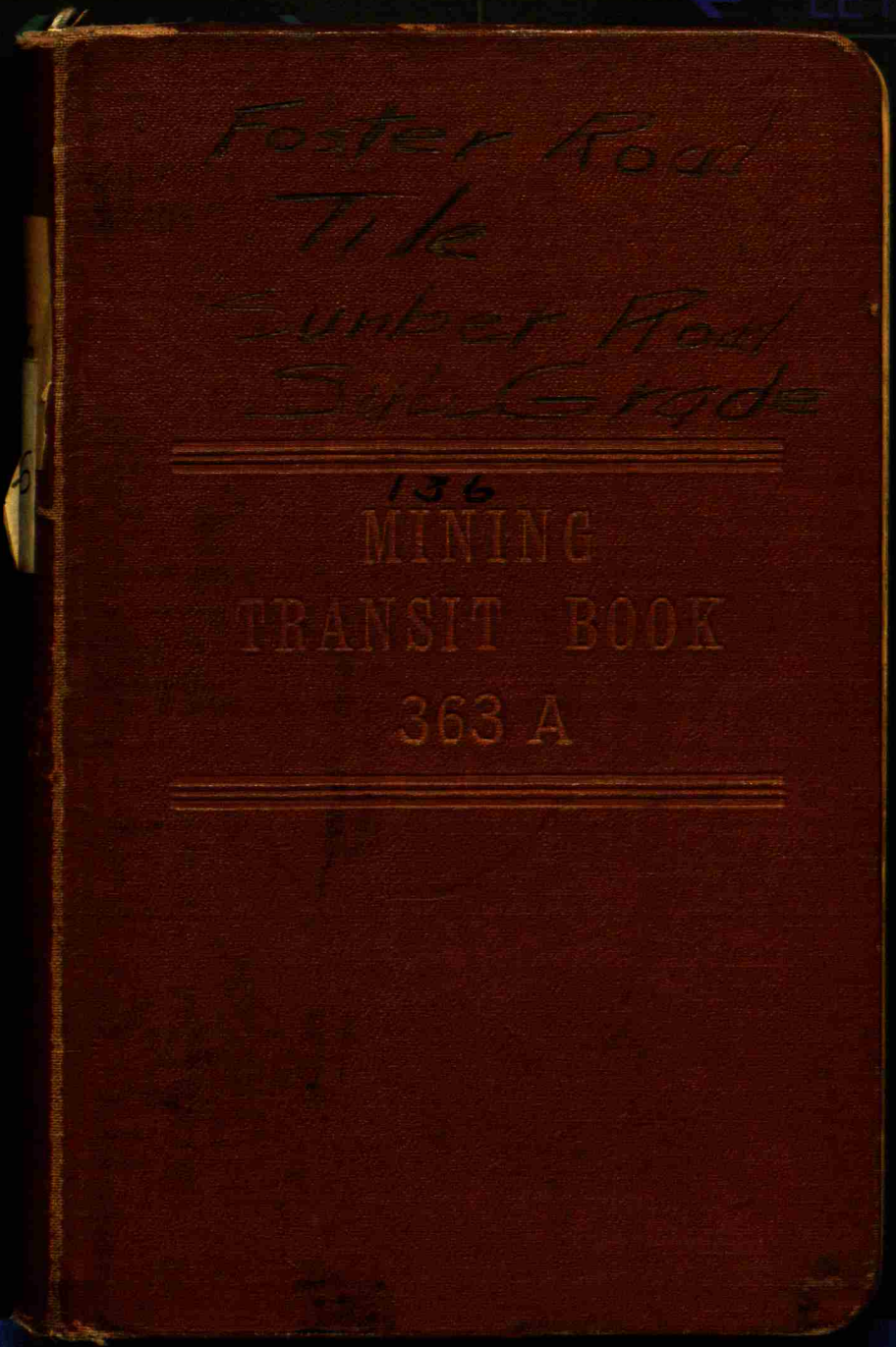

Foster Road
Tile
Sumter Road
Sub Grade
136
MINING
TRANSIT BOOK
363 A

1

Index Page IV

Foster Road

B. Ms.

(1) STA 0+15 Concrete Church Step SE corner
Elv 100.10

(2.) STA 37+15 Barnett Ditch Bridge E end South
El 92.70 Rail

(3.) STA 51+0 10 rt Hdwall Isaac Foster Drive Elv 94.15.

4 ~~50+0~~
STA 59+0 E end S Rail
Elv 91.23

July

July 28 Brownsburg Levels Chg. Ditches
29 Miller Road Fd. Wk
31 " " " "
Aug 1 " " " "
2 " " Of. "

Index Foster Road

K.T. Sallust
August

Aug 3	Miller Road Of. Wk.	✓
4	Miles Ditch	✓
5	Didn't work	
7	" "	
8	" "	
9	" "	
10	Miles ditch	✓
11	Miller Road Fd. wk.	✓
12	Miles Ditch " "	✓
14	" " Of. "	✓
15	" " " "	✓
16	County Ditch Profiles Of. wk.	✓
17	Of. wk. on County Ditches	✓
18	Fd. wk. Canary Road	✓
19	" " Tharp "	✓
21	" " " "	✓
22	" " " "	✓
23	Of. wk. Canary Road	✓
24	" " " "	✓
25	" " Bridges	✓
26	Fd wk Oppel Road	✓
28	Fd wk Oppel Road	✓
29	" " " "	✓
30	" " Thompson & Shultz Ditch	✓

B T14

2. Check

EXTENSION

65+80 - M+0

North

37+35 - 65+80

0+0 - 7+0

7+26 - 3+0

Page

55-57

67-71
+136

94-95

73-77

Jas. Fleece

Aug. 10	day	Miles	ditch
" 12		"	"
18	Labor	Canary	Road
19	"	Tharp	"
21	"	"	"
22	"	"	"
28	"	Oppel	"
29	"	"	"
30	"	Thompson & Shultz	Ditch

Geo Doughty

Aug 12 Miles Ditch

Harlin Hadley

Aug 18	Labor	Canary	Road
19	"	Tharp	"
21	"	"	"
22	"	"	"
28	"	Oppel	"
29	"	"	"
30	"	Thompson & Schultz Ditch	

C.O.Gossett

Aug 31	Thompson & Schultz Ditch	✓	20mi
Sept. 1	Didn't work		
2	" "		
4	" "		
5	Wills & Watson Ditch & Arms	✓	30 mi
6	" " " "	✓	30 mi
7	" " " "	✓	30 mi
8	" " " "	✓	30 mi
9	Of. Wk. Graham Rd.	✓	
11	" " " "	✓	
12	" " Middle Tp Ditches	✓	
13	" " " " "	✓	
14	" " " " "	✓	
15	" " " " "	✓	
16	Fd " " " "	✓	30mi.
18	Danville side walks (dig. ditches)	✓	
19	Of. Wk. Middle Tp. Ditches	✓	
20	" " " " "	✓	
21	" " " " "	✓	
22	Brownsburg sewer (Harvey)		
23	Of. wk. Middle Tp. Ditches	✓	
25	" " " " "	✓	
26	(Harvey)		
27			

K.T. Sallust

✓ Aug 31	Measure Gravel Pile Brwnsbg.	
Sept 1	Hawkins Survey (Harvey)	
✓ 2	Staking & Viewing Bridges	
✓ 4	" " " "	
✓ 5	" Canary Rd. Ditches	
✓ 6	Profile " " "	
✓ 7	N. Salem, private & Canary Rd. ditches	
✓ 8	" " " " Profiles	
✓ 9	Of. Wk. Wilson Rd.	
✓ 11	" " " "	
✓ 12	" " " "	
✓ 13	" " " "	
✓ 14	" " " "	
✓ 15	" " " "	
✓ 16	Fd. wk. Canary Rd.	
✓ 18	" " " "	
✓ 19 (½ days)	Of. " " "	
✓ 20	Trotter Profiles	
✓ 21	" "	
22	Brownsburg Sewer (Harvey)	25 mi
23	" " & High St. s'walks (Harvey)	25 mi
✓ 25	Staking Bridges	
✓ 26 (½ days)	" "	
✓ 27	" "	

Jas Fleece

Aug 31 Thompson & Schultz Ditch
Sept 5 Wills & Watson Ditch
6 " " "
7 " " "
8 " " "
16 N" S " " N S

38+0	16 F		57	14.5 F	18 C
39	16 F		58	15.5 F	16 F
40	18.5 F		59	16.5 F	19 F
41	17 F		60	17.5 C	18.5 C
42	16.5 F		61	15 F	15 F
43	16.5 C		62	18.5 C	18 C
44	17 C		63	18 C	17.5 C
45	16 F		64	18.5 C	17.5 C
46	18 C		65	18 C	18 C
47	19.5 C		65+8	18 C	19.5 C
48	20.5 C				
49	21.5 C				
50	20.5 C				
51	19.5 C				
52	19 C	18.5 C			
53	18.5 C	18.5 C			
54	18 C	18.5 C			
55	18 C	18 C			
56	18.5 C	17.5 C			

Geo Doughty

Aug 31	Thompson & Schultz	Ditch	
Sept. 5	Wills & Watson	Ditch	
6	"	"	"
7	"	"	"
8	"	"	"

C O Gossett

Sept 28	Middle Tp. Ditches Of. wk.	V
29	" " "	& D'ville. s'walks.
30	Brownsburg sewer plans	(Harvey)
Oct 2	" " "	(Harvey)
3	" " "	(Harvey)
4	" " "	(Harvey)
5	" " "	(Harvey)
6	" " "	(Harvey)
7	" " "	(Harvey)
9	" " "	(Harvey)
10	Fd. wk. Nash Gravel pile	76R
11	Of. " " " "	76R
12	Fd. Wk. Miller Rd.	
13	Danville Sidewalks	V
14	Fd. Wk. Miller Road	20mi
16	" " " "	20mi
17	" " " "	20mi
18	" " " "	20mi
19	" " " "	20mi
20	" " " "	20mi
21	" " " "	20mi
23	Middle Tp Ditches Of. Wk.	V
24	Fd. Wk. Miller Road	20mi.
25	" " " "	20mi
26	" " " "	20mi

C.O. Gossett

Oct 27	Brownsburg Sewer Ofc.wk.	(Miller)	20
28	" " " "	(Miller)	20
30	Fd.wk. Miller Road		20mi
31	" " " "		20mi
Nov. 1	" " " "		20mi

C.O. Gossett

Nov 2	Eel River Tp Ditches Fd. Wk.	30 mi.
3	Didn't work	
4	Fd. Wk. Miller Rd.	20 mi.
6	Eel River Tp Ditches Fd. Wk.	30 mi.
7	Miller Rd Fd. Wk.	20 mi
8	Eel River Tp. Ditches Fd. Wk.	30 mi
9	Miller Rd Fd. Wk.	20 mi
10	Eel River Tp Ditches Of. Wk.	
11	" " " " Fd "	30 mi
13	Didn't work	
14	Eel River Tp Ditches Of. Wk.	
15	" " " " Fd "	30 mi
16	Didn't work	
17	" "	
18	" "	
20	" "	
21	" "	
22	Middle Tp Ditches & Miller Road	45 mi.
23	" " "	25 mi.
24	" " "	25 mi.
25	Didn't work	
27	" "	
28	" "	
29	" "	

Jas. Fleece

Nov. 2	Labor	Eel River	Tp.	Ditches	
6	"	"	"	"	"
8	"	"	"	"	"
11	"	"	"	"	"
15	"	"	"	"	"
22	"	Middle	"	"	
23	"	"	"	"	
24	"	"	"	"	

Geo. Doughty

Nov 6	Labor	Eel	River	Tp	Ditches
8	"	"	"	"	"
15	"	"	"	"	"
22	"	Middle	"	"	
23	"	"	"	"	
24	"	"	"	"	

C.O. Gossett

Nov. 30	Didn't work	
Dec. 1	" "	
2	" "	
4	Of. wk. J.W. French Ditchs	
5	" " Eel River Tp. "	
6	Fd. wk. Thompson & Schultz Ditch	25 mi
7	Fd. wk. Thompson & Schultz Ditch	25 mi
8	Of. " Eel River Tp. Ditches	
9	Fd. wk. Thompson & Schultz Ditch	25 mi.
11	Didn't work	
12	" "	
13	" "	
14	" "	
15	" "	
16	" "	
18	Of. wk. Thompson Schultz Ditch	
19	" " " " "	
20	" " " " "	
21	" " " " "	
22	" " " " "	
23	" " " " "	
26	" " " " "	
27		

Jas. Fleece

Dec. 6	Labor	Thompson	Schultz.	Ditch
" 7	"	"	"	"
" 9	"	"	"	"

Geo. Doughty

Dec. 6	Labor	Thompson	Schultz	Ditch
" 7	"	"	"	"
" 9	"	"	"	"

C.O. Gossett

Dec. 28	Didn't work
29	Of. wk. Thompson & Schultz Ditch
30	" " " " "
Jan. 1	" " " " "
2	" " " " "
3	" " " " "
4	" " " " "
5	" " Middle Tp Ditches
6	Harvey
8	"
9	"
10	"
11	"
12	
13	
15	
16	
17	
18	
19	
20	
22	
23	
24	
25	

C.O.Gossett (cont'd)

Jan 26
27
29
30
31

Nicholson Extra Steel

Extra Dec. 10.05
" haul $1.02

2'-8" } Door
6'-8" }

	Elv Port	Elv Stake
0+00		
1+00	9870	9870
2+00	9840	9840
3+00	9810	9810
4+00	9780	9780
5+00	9750	9650
6+00	9720	9570
7+00	9690	9640
8+00	9660	9710
9+00	9586	9585
10+00	9510	9460
11+00	9435	9435
12+00	9360	9410
13+00	9285	9135
14+00	9210	9060
15+00	9135	8985
16+00	9060	9010
17+00	9050	9000
18+00	9040	8990
19+00	9030	8980
20+00	9020	8975
21+00	9010	8955
22+00	9000	8979
23+00	8990	8896
24+00	8980	8925
25+00	8970	8965

over

CHOCK FOSTER SUB. GD

See Page 51+53

center
~~9916~~
9882
9821
9700
9755
9714
9670
9615
9582
9512
9448
9372
9300
9160
9101
9054
9045
9025
9022
9030
9026
9001
8990
8960
8973
8946

@ 9.20

@ 9546

@ 9249

NOTES

II

A6	Elv Pvt	S87Kg
26+0	8960	8915
27+0	8970	8938
28+0	8980	8934
29+0	8990	8929
30+0	9000	8935
31+0	9010	8944
32+0	9020	8918
33+0	9030	8959
34+0	9040	9051
35+0	9050	9014
36+0	9060	8941
37+0	9070	

see Page 51 + 53

Check Foster Sub Gd

L	C		N	NOTES
8979				
8971				
8945				
8956				
8952				
8950				
8956				
8977	8993	8970		
9036	9049	9015		
9020	9035	9026		
8976	8985	8980		

o 954

Sta	Tile S. Stake	Tile S Grade	Top S. Tile	Cut	
0		91.27			
1		91.02			
2		90.77			
3		90.52			
4		90.27			
5		90.02			
6		89.77			
7		89.52			
8		89.27			
9		89.02			
10		88.77			
11		88.52			
12		88.27			
13		88.02			
14		87.77			
15	90.73	87.48	88.38	3.25	4.75
16	90.44	87.36	88.47	3.08	4.92
17	90.28	87.23	88.42	3.05	4.95
18	90.03	87.11	88.22	2.92	5.08
19	89.94	86.99	88.17	2.95	5.05
20 v	89.55	86.87	88.20	2.68	5.32
21 v	89.40	86.75	87.94	2.65	5.35
22 v	89.28	86.63	87.90	2.65	5.35
23 v	88.76	86.51	87.61	2.75	5.75
24 v	88.75	86.39	87.71	2.96	5.64

E. end S Wall
Culvt 37+15
El. 92.70

5" Tile Stake 19+91
17+88

Sta	Stake	Grade Tile	Tile	Cut Below S.
25	89.27	86.27	87.63	3.00
26		85.76	87.16	
27		85.60	87.17	
28		85.44	87.05	
29		85.28	87.01	
30		85.12	86.75	
31		84.96	86.60	
32		84.80	86.48	
33		84.64	86.38	
34		84.48	86.11	
35		84.32	86.01	
36		84.16	85.85	
37		84.00	84.92	

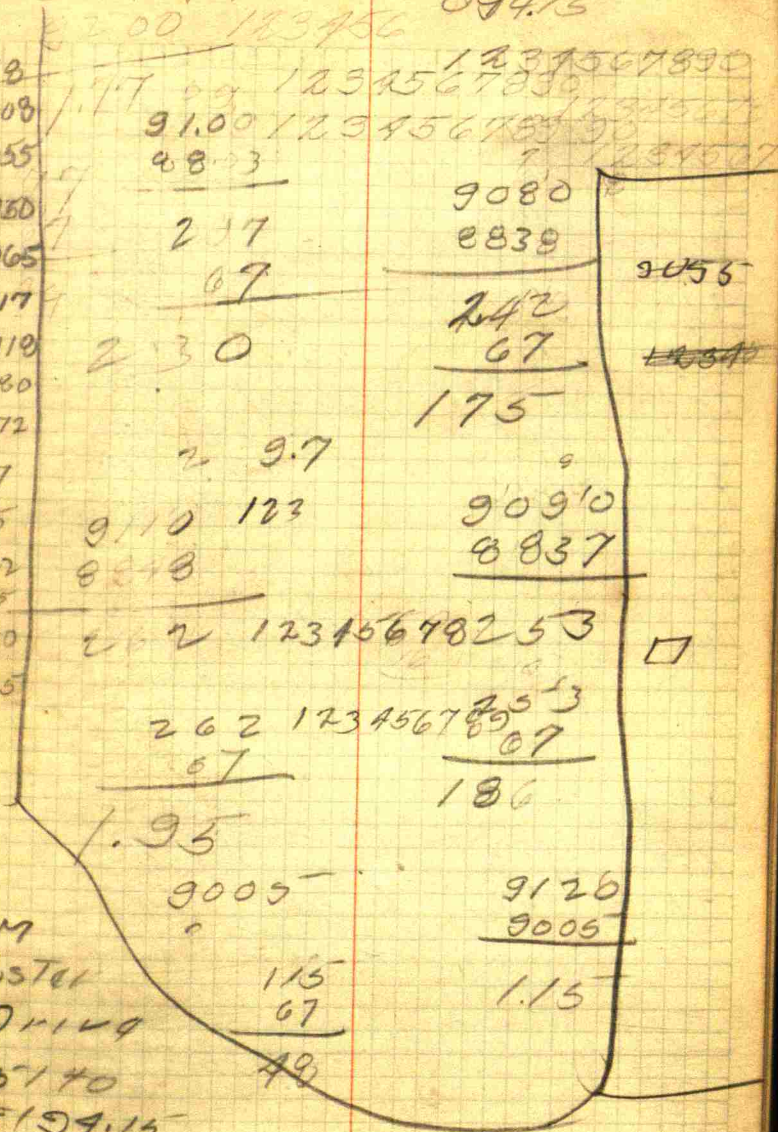
38+00 Foster Grade + Check

51+0 – 65+80

092.70

094.15

	To ASTIC	Gd To Pvmt	Check			
38+0	88.38	90.80	8990	8997	8996	SN 9018
39+0	88.37	90.90	8977	8980	8962	SN 9008
40+0	88.03	91.00	9021	9052	9004	SN 9055
41+0	88.48	91.10	9023	c 9061	9047	SN 9050
42+0	90.05	91.20	9043	c 9049	9027	SN 9065
43+0	90.80	91.30	9063	c 9097	9088	SN 9117
44+0	90.59	91.40	9057	c 9075	9088	SN 9118
45+0	90.75	91.50	9005	c 9070	9070	SN 9080
46+0	91.03	91.60	s 93.89	9085	c 9078	90.72
47+0	92.33	91.70	s 9415	91.07	c 91.18	91.07
48+0	93.67	91.80	s 9475	91.65	91.75	91.55
49+0	93.85	91.90	91.39	c 92.32	st 9422	9222
50+0	93.77	92.00	s 9477	9225	9250	9275
51+0	93.17	91.70	st 9450	9217	c 9255	9250
52+0	91.95	91.40	ST 9470	9190	9230	9225
53+0	91.53	91.10	9175	c 9218	9150	
54+0	91.22	90.80	s	c 9143	N	
55+0	90.46	90.50		9083		
56+0	89.74	90.20		9038		
57+0	89.24	89.90		8949		
58+0	88.11	89.60		8941		
59+0		89.30		8917		
60+0	90.25	89.70				
61+0	90.63	90.10				
62+0	91.01	90.50				



BM
Foster
Drive
51+0
E 194.15

S 00 P 44+46

	Toh Stake	Gd fact
63+0	90.90	9090
64+0	91.09	9130
65+0	91.66	9170
65+80		

A	Stake North	Gd South	Stake South
B	92.77	8710	93.14
C	93.17	8755	93.77
D	9397	8800	94.50
E	9455	8845	95.38
F	9450	8890	9475
G	9457	8935	94.64
H	9459	8980	94.62
I	95.72	9070	95.58
J	9694	9170	97.12
K	99.03	9270	98.89
L	100.31	9370	99.40
M	99.40	9470	9937
N	9410 3.40		

EXT Tile cut shoot
Foster Road

~~8710~~
~~6.04~~

D ~~12345678~~90
5 4

~~02.77~~
~~06.34~~

~~1234~~567

9045 — 9470

9515
8945
4.00

6. inch

94.70

9940
350
95.90

J

9694
9170
524

J 5.24
K 6.33
L 6.61
M 4.70

9903
9270
633

10031
9370
661

4

9940
9470
470

Foster 1/4 Extension
Chock

	Gd		South	Center Top	North Road
A+50			87.79		
A+75	Gd		87.81		
B+0	8710		87.84	87.77	88.07
B+25	8721		87.90	8788	88.12
B+50	8732			8799	88.26
B+75	8744	✓	88.32	8811	88.31
C+0	8755		88.34	8822	88.51
C+25	87.66			8833	88.62
C+50	8777		88.58	8844	88.70
C+75	8788			8855	88.83
D+0	8800		88.92	8867	88.95
D+25	8811			8878	89.09
D+50	8822		89.21	8889	89.10
D+75	8833		89.37	8900	8940
E+0	8845		89.38	8912	8946
E+25	8856		89.52	8923	8957
E+50	8867			8934	
E+75	8879			8946	
F+0	8890	1.07 H	90.81	8957	8995
F+25	8901	1.13 H	90.98	8968	90.06
F+50	8912		90.97	8979	90.12
F+75	8924			8991	9016
G+0	8935	15' W	91.09	9002	90.19
G+25	8946			9013	90.60
G+50	8957		91.12	9024	9050
G+75	8969			9036	9077

89.51
38
.13

8937
8779
1.58

A+35 = 7.90
A+50 8.05
A+75 8.07

8744
84
88.28

8777
84
8861

8744
67
8811

9081
8957
1.24

52
38
14

8833
84
8917

9060
35
25

8856
84
8940

52
38
14

Foster Tile Extension
check

	Grade		South	Correct Top	North
H+0	8980	5" H	91.12	9047	90.86
H+25	9003	5" H	91.38	9070	91.13
H+50	9025	6" H	91.61	9092	91.42
H+75	9048	6" H	91.83	9115	91.62
I+0	9070	5½" H	92.01	9137	91.69
I+25	9095	4½" H	92.17	9162	91.76
I+50	9120	4" H	92.40	9187	91.90
I+75	9145	4" H	92.61	9212	
J+0	9170	2" H	92.71	9237	92.43
J+25	9195	2" H.	92.96	92.62	
J+50	9220	O.K.	93.26	9287	
J+75	9245	O.K	93.31	9312	
K+0	9270	O.K	93.65	9337	93.46
K+25	9295	O K	93.76	9362	
K+50	9320	O K	94.14	9387	9
K+75	9345	O K	94.34	9412	94.23
L+0	9370			9437	
L+25	9395			9462	
L+50	9420			9487	95.02
L+75	9445			95.12	
M+0	9470		9584	9537	

①

94.52

123

1234567

9287
9220
.67

9270
85

91.70

9326
9287
.39

91.95

91.95
84

9245
84

BM.

E. end S rail
of Bridge at Sta 59+0

El. 91.23

BM. at St. 65+80
Stake nailed to
Cornerpost on S.E
94.45
end of stk

Gd. St. set to Sub. grade. outside Ston

Sta.	Stk Fin Pavt	No String reading	South String reading	Old grade stk. So	Sub gd.
51+0	91.70	✓			
50+0	92.00	✓			
49+0	91.90	✓			
48+0	9180	✓			
47+0	9170	✓			
46+0	9160	✓			
45+0	91.50	✓			
44+0	9140	✓ ⊙			
43+0	9130	✓			
42+0	9120	✓ 90.59			
41+00	9110	✓ 90.44	90.45	8844	
40+0	91.00	✓ 90.47	88.00	90.30	
39+0	9090	✓ 90.04	90.30	88.35	
38+0	9080	✓ 90.08	90.15	88.00	
37+0	9070			90.37	
36+0	9060				
35+0	9050				
34+0	9040				
33+0	9030				
32+0	9020				
31+0	9010				
30+0	9000				
29+0	8990				
28+0	8980				
27+0	8970				

9160 9233 9380
9106 9170 9160
9056 .63 220

BM 92.70
E. end S. rail
Sta 37+15

92.33
91.70
.63

E+50		89.73
E+75		89.80
F+0	94.41	89.91
F+25		90.01
F+50		90.13
F+75		90.24
G+0	94.14	90.26
G+25		90.35
G+50		90.34
G+75		90.44
H+0	94.52	90.53
H+25		90.69
H+50		90.91
H+75		91.01
I+0	95.45	91.39
I+25		91.57
I+50		91.94
I+75		
J+0	96.94	92.68

88.90
90.13
89.79

94.52
89.80
4.72

95.45
90.70
4.75

9694
91.70
5.24

94.14
89.35
4.79

G – 4.79
H – 4.72
I – 4.75
J – 5.24

92.68
89.73
2.95

62

63 Tile N. Side

Sta	Stake	Tile cut			
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14		87.77			
15	90.15	87.52	2.63	5.39	✓
16	89.60	87.36	2.24	5.76	✓
17		87.20			
18	89.56	87.04	2.52	5.48	✓
19		86.88			
20	89.48	86.72	2.76	5.24	✓
21		86.56			
22	89.53	86.40	3.13	4.87	✓
23		86.24			
24	89.11	86.08	3.03	4.97	✓

See Index
Pages 1–9

05 Sta	Stake El.	Tile Grade	Cut		
25		85.92			
24	89.25	85.76	3.49	4.51	✓
27		85.60			
28	89.10	85.44	3.66	4.34	✓
29	89.10	85.28			
30	✓89.06	85.12	3.94	4.06	✓
31		84.96			
32	✓89.22	84.80	4.42	3.58	✓
33		84.64			
34	✓90.38	84.48	5.90	2.10	✓
35		84.32			
36	✓89.75	84.16	5.59	2.41	✓
37		84.00			

66

1 2 3 4 5 6

1 2 3 4 5 6 7 8

1 2 3

1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9

1 2 3 4 5 6 7

1 2 3 4 5 6 7 8

[illegible]

	Tile Gd	Side Gd Top TL	Road El Top tile	
37+35	8400	8481	8486	
37+75	8450	8531	8576	
38+0	8500	8581	8575	
38+25	85.07	85.88	8582	
38+50	8513	8594	8593	
38+75	8519	8600	8592	
39+0	8525	8606	8603	
39+25	8531	8612	8603	
39+50	8538	8619	86.05	
39+75	8544	8625	86.05	reset
40+0	8550	8631	86.20	8612
40+25	8557	8638	8649	8633
40+50	8563	8644	8629	86.32
40+75	8569	8650	8629	8633
41+0	8575	8656	8636	8667
41+25	8582	8663	86.60	
41+50	8588	8669	8670	
41+75	8594	8675	8680	
42+0	8600	8681	8685	
42+25	8607	8688	8690	
42+50	8613	8694	8694	
42+75	8619	8700	8700	
43+0	8625	8707	8712	
43+75	8632	8713	8732	

See Index Pages I-9

8699
25

8|24

	Tile Gd	Correct Tott	Road
43+50	8638	8719	87.30
43+75	8644	8725	8730
44+0	8650	8731	8736
44+25	8657	8738	87.54
44+50	8663	8744	8752
44+75	8669	8750	87.57
45+0	8675	8756	8754
45+25	8682	8763	87.75
45+50	8688	8769	8775
45+75	8694	8775	87.83
46+0	8700	8781	87.93
46+25	8707	8788	87.90
46+50	8713	8794	87.91
46+75	8719	8800	87.97
47+0	8725	8806	8803
47+25	8732	8813	8807
47+50	8738	8819	8816
47+75	8744	8825	88.21
48+0	8750	8831	8833
48+25	8756	8837	88.33
48+50	8762	8843	8837
48+75	8768	8849	88.46
49+0	8775	8856	8851
49+25	8781	8862	88.50

Check Foster Tile North

	Tile Gr	Correct Top	Road	
49+50	8787	8868	8857	
49+75	8793	8874	8867	
50+0	8800	8881	8876	
50+25	8790	8871	88.85	
50+50	8778	8859	88.85	
50+75	8766	8847	88.85	
51+0	8755	8836	88.95	8897
51+25	8744	8825	88.84	
51+50	8732	8813	88.63	
51+75	8721	8802	8850	
52+0	8710	8791	8834	
52+25	8698	8779	8814	
52+50	8687	8768	8797	
52+75	8676	8757	87.84	
53+0	8665	8746	87.61	
53+25	8654	8735	8758	
53+50	8643	8724	87.43	
53+75	8631	8712	8732	
54+0	8620	8701	87.23	
54+25	8609	8690	87.13	
54+50	8598	8679	87.07	
54+75	8587	8668	86.95	
55+0	8575	8656	86.84	
55+25	8564	8645	86.73	

Continued Page 136

Note
Tile Raised 47+0 – 53+0
by permission
53+0 Engineer
Tile break 51+0
Raised To
8897 (Top)

Check on

10" Tile on N Side

	Gd	Toh Tile	89.00 and up
37+0	89.00	85.00	12 in 8
36+50		85.20	
36+0	8916	85.25	
35+50		8527	
35+0	8932	85.45	
34+50		8563	
34+0	8948	8558	
33+50		8566	
33+0	8964	85.75	
32+50		8572	
32+0	8980	8576	
31+50		8580	
31+0	8996	85.90	
30+50		8599	
30+0	8512	86.11	
29+50		86.15	
29+0	8528	86.20	
28+50		8629	
28+0	8544	8638	
27+50		8648	
27+0	8560	8663	
26+50		867A	
26+0	8576	8687	

N side
(15)

	Gd	Top Tile		Cat wheel B M
25+50		86.87		386
25+0	8592	86.93		
24+50		86.99		
24+0	8608	87.04		
23+50		87.15		
23+0	8624	87.12		
22+50		87.27		
22+0	8640	87.28		
21+50		87.39		
21+0	8656	87.45		
20+50		87.55		
20+0	8672	87.67		
19+50		87.70		
19+0	8688	87.79		
18+50		87.90		
18+0	8704	88.02		
17+50		88.10		
17+0	8720	88.19		
16+50		88.30		
16+0	8736	88.37		
15+50		88.41		
15+0	8752			
14+50				
14	8777			
14+0	8777	88.55		

N Side 77	Gd Tile	Top Tile Reading	Tile N Side Gd Top Tile	
13+75				
13+50				
13+25				
13+0	8802	8925		
12+75				
12+50				
12+25				
12+0	8827	8921	8909	
11+75				
11+50	8840		121	
11+25		9.51		
11+0	8852	8954	89.33	
10+75	88.59	8958	89.40	✓
10+50	88.65	89.61	89.46	
10+25	88.71	89.63	8952	✓
10+0	8877	89.66	8958	✓
9+75	8883	89.66	8964	✓
9+50	8889	8966	8970	
9+25	8895	89.68	8976	
9+0	8902	8987	8983	✓
8+75	89.09	90.01	89.90	✓
8+50	89.15	89.98	89.96	
8+25	8921	90.06	9002	
8+0	8927	90.19	9008	
7+75	8934	9027	9015	
7+50	89.40	90.34	9021	✓
7+25		90.47		

Continued Page 54

7.21

812

B M Stake
12+18 N side
1.915

54
33
.21

89.54
88.52
1.02
.83
.19

10
12

.83
12)10.0
96
40

19
12
38
19
2.28

54
33
.21
.12
.42
.12
.162

89.54
.83
88.71
52
.19

.2

90
89.40

66
58
8

.08
.12
.90

87
83
6

19
8
.11

12
12
1.32

15 BM 2.81 North 87.52 15 850 9Toh

E.G. St. Tilldon Grade Grade

14+0	90.93	8777	3.16	88.55	E 6d St Chord
13+0	9078	8802	2.76	88.05	
12+0	9277	8827	4.50	88.71	
11+0	9321	8852	4.69		
10+0	93.71	8877	4.94		
9+0	94.85	8902	5.83		
8+0	95.80	8927			
7+0	95.10	8952			
6+0	9586	8977			
5+0	96.66	9002			9692
4+0	98.07	9027		98.14	9838
3+0	9818	9052		9832	9801
2+0	9841	9077	8.63	98.63	9863

15 - 90.09 90110

4. 89.25 − 5.78 = 3.47

90.93 − 87.77 = 3.16

95.10

92.77 − 88.27 = 4.50

N Side End 11+ 9.15

96.30 − 89.52 = 5.78

95.10 − 89.52 = 5.58

93.21 − 88.52 = 4.69

95.80 − 89.27 = 6.53

95.10 − 89.52 = 5.58

98.07

93.71 − 88.77 = 4.94

98.91 − 90.77 = 7.64

98.

97.94

98.49

80

1+0	9898	9102			
0+0		9127			

81

9878
9102
776

84

	Sweet GST	
2 to	9832	9077
1 to	9829	9002
0 to	–	9127

9

85

9829
9002
827

9832
9077
755

North Side

Sta	Grade	Tile Gd	CUT	EL Tob Tile
3870	89.00	85.00	4.00	
3970	8889	85.25	3.64	
4070	8861	85.50	3.11	
4170	8890	85.73	3.17	
4270	8955	86.00	3.55	
4370	8983	86.25	3.58	
4470	9014	8650	3.64	
4570	90.20	86.75	3.45	
4670	9107	87.00	4.07	
4770	9274	87.25	5.49	
4870	93.82	87.50	6.32	
4970	94.57	87.75	6.82	

①

88.89
85.25
364

8861
85.50
311

8890
8573
317

89.55
86.00
355

89.83
85.75
358

90.14
8650
364

90.20
8675
345

9382
8750

91.07
87.00
4.07

9457
87.75
6.82

9274
8725
549

9382
8750
632

	Gd STK	T1/0 Gd	CUT
50+0	94.07	88.00	6.07
51+0	93.90	87.53	6.37
52+0	92.47	87.10	5.37
53+0	91.43	86.65	4.78
54+0	90.71	86.20	4.51
55+0	90.35	85.75	4.60
56+0	90.08	85.30	4.78
57+0	89.39	84.85	4.54
58+0	88.04	84.40	3.64
59+0	87.44	83.95	3.49
60+0	88.84	84.40	4.44
61+0	90.14	84.85	5.29
62+0	91.25	85.30	5.95

12345

88.30

1234

N
9283
8830
453

S
9233
8830
403

8830
67
8897

BM

5970
E END S Boil
E/9123

	GD	Tile Grade	CUT
6370	90.83	8575	5.08
6470	91.46	8620	5.26
6570	9165	8665	5.00
65780	97.29	8730	4.99

Sta.	El. Stk at ℄
51+0	92.33
52+0	91.98
53+0	91.43
54+0	90.72
55+0	90.56
56+0	90.18
57+0	89.89
58+0	89.67
59+0	89.90
60+0	89.98
61+0	90.08
62+0	90.78
63+0	90.72
64+0	91.30
65+0	91.95
65+80	92.75

92 33
91 20
.6 3

N Side Foster

STA	El Tile Gd	Reading El Top Tile	Correct Top Tile
7+0	8952	9057	9033
6+75	8959	9061	9040
6+50	8965	9064	9046
6+25	8972	9071	9052
6+0	8977	9074	9058
5+75	8984	9080	9065
5+50	8990	9083	9071
5+25	8997	9087	9078
5+0	9002	9090	9083
4+75	9009	9088	9090
4+50	9015	9090	9096
4+25	9022	9096	91.03
4+0	9027	91.17	91.08
3+75	9033	91.16	91.14
3+50	9040	91.18	91.21
3+25	9046	91.22	9127
3+0	9052	9124	9133
2+75	9058	91.28	91.39
2+50	90.65	91.32	9146
2+25	9072	91.45	9152
2+0	9077	91.51	9158
1+75	9084	91.63	9165
1+50	9090	91.69	9171
1+25	9096	91.81	9177
1+0	9102	91.90	91.83

89.34
91.21
8.13

STA	El Tile Gd	El Top Tile	Correct Top Tile
0+75	91.09	91.92	91.90
0+50	91.14	91.95	91.95
0+25	91.20	91.99	92.01 (+6 ft)
0+15			
0+0	91.27		92.09

8.6
8.33 ⟌ 69.00
64
5 00

80 ⟌
00

80 × 8 1/3

80 25/3

3 ⟌ 200
66

25/3

25/3 + 5

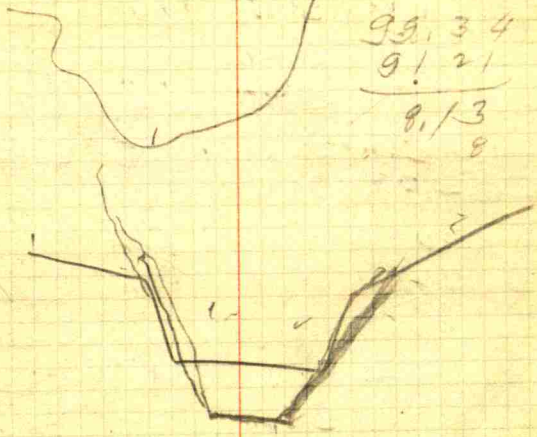
8.33 3 ⟌ 125
2 9 4 1/3
4664 9

8.33 ⟌ 800
7477
9.6
8.33 ⟌ 8000
7497
5030
48

91.27 91.02

91.2 4 ⟌ 25
6
1 5/8

99.34
91.21
8.13
8



STA NO	Tar Elv Toh Pt	Road Gd M Gd STK El	A or B ST	S Gd STK El	A or B STK
0+0	99.00			99.00	Gd
1+0	9870	9870	Gd	9870	Gd
2+0	9840	9840	Gd	9840	Gd
3+0	9810	9810	Gd	9810	Gd
4+0	9780	9880	1.00B	9780	Gd
5+0	9750	9750	Gd	9650	1.00B
6+0	9720	9570	1.50A	9570	1.50A
7+0	9690	9590	1.00A	9640	.50A
8+0	9660	9660	Gd	97.10	.50B
9+0	9585	9585	Gd	9585	Gd
10+0	95.10	9460	.50A	94.60	.50A
11+0	9435	9385	.50A	9435	Gd
12+0	9360	9260	1.00A	9410	.50B
13+0	9285	91.10	1.75A	91.35	1.50A
14+0	9210	9060	1.50A	9060	1.50A
15+0	91.35	9035	1.00A	89.85	1.50A
16+0	90.60	8985	.75A	90.10	.50A
17+0	9050	8975	.75A	90.00	.50A
18+0	90.40	8990	.50A	8990	.50A
19+0	9030	8980	.50A	8980	.50A
20+0	9020	89.70	.50A	8995	.25A
21+0	9010	8935	.75A	8955	.50A
22+0	90.00	8925	.75A	8974	.25A

Cut Sheet for Grading
S Stake used

9070
8980
90 50

90.10
89.35
9720
9570
1.50

① 9943 (99)
4.27 @ 3
7.65 ①
9135
1.30
98.00 2
9435
50

9710
9610

91.35
85.86
1.50

9040.50
8990
.50

9385
0 93

9435
9385
897

9285
91.10
9010
8960
1.75

9010
8935
.75
9410
9360
50

9235
9065
92.35
91.10
.75

90.10
89.85
.25

92.10
90.60
1.50

9060
8985
.75

9050
8975
.75

9020
8995
.25

	El Finished Pavemt.	N Gd St El	Ht or B STK	S Gd STK El	Ht or B STK El
23+0	8990	~~8890~~	1.00 Ht	8896	
24+0	8980			89.25	
25+0	8970			89.65	
26+0	8960			89.15	
27+0	89.70			89.38	
28+0	89.80			89.34	
29+0	8990			89.29	
30+0	90.00			89.35	
31+0	90.10			89.44	
32+0	90.20			89.18	
33+0	90.30			89.54	
√ 34+0	90.40			90.51	
35+0	90.50			90.14	
36+0	90.60	89		89.41	
37+0	90.70				
~~38+0~~					
Top Bridge	90.72				

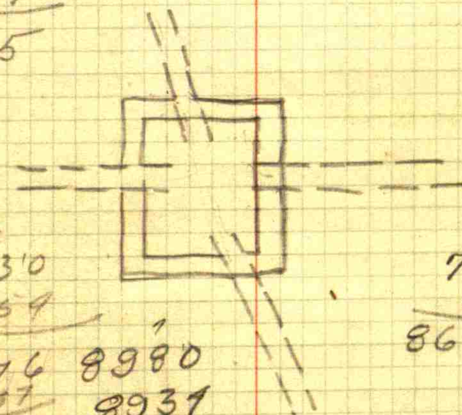
BM 0 9.78

BM E end S wall 37+15 El 90.70

(9.37)

BM 2 posts West ~~East~~ of gate

1.02
67
.35



90.30
89.54
.76
67
.09

89.80
89.34
.46

90.00
89.35
.65

67
46
.21

30.

75
8
867

90.20
89.18
1.02

0

89.90
89.29
.61

90.10
89.44
.66

.01

67
61
06

104 Tile South Side

STA No	Tile Gd	Tile STAKE	Gd TOP Tile	READING TOP Tile	Cut Below STAKE
11+75			89.13	89.78	
11+50			89.20	8928	
11+25			8927	8932	
11+0	8852	9358	8933	8934	
10+75			8940	8943	
10+50			8946	8945	
10+25			8952	8954	
10+0	8877	93.82	8958	8957	
9+75			8964	89.65	
9+50			8970	89.66	
9+25			8976	89.67	
9+0	8902	95.24	8983	89.76	
8+75			8990	8976	
8+50			8996	8975	
8+25			9002	89.80	
V 8+0	8927	9649	9008	8994	
7+75			9015	90.08	
7+50			9021	90.15	
7+25				9018	
J 7+0	8952	9554	9033	9018	
6+75			9040	9023	
6+50			9046	9025	
6+25		V	9052	9030	
V 6+0	8977	9494	9058	9050	
5+75			9065	9052	
5+50			9071	9060	

⊙ 8.44 ∠⊙. 8.52 105

106 Foster Tile South side

STA	Tile Gd	Tile Stake	Gd To Tile	Reading	Cut Below Stake
X 5+25		9557	9078	9066	
5+0	9002	~~9566~~	9083	9074	
4+75			9090	9080	
4+50			9096	9085	
4+25		9655	9103	9087	
X 4+0	9027	~~96.90~~	91.08	9095	
3+75			9114	91.01	
3+50			9121	9110	
3+25		97.22	9127	9114	
3+0	9052	~~9750~~	9133	9118	
2+75			9139		
2+50			9146		
2+25		9707	9152		
2+0	9077	~~98.00~~	9158	91.50	
1+75			9165	91.54	
1+50			9171	91.58	
1+25	9102	98.53	9177	91.68	
1+0	91.02	~~9871~~	9183	91.80	
0+75			9190	92.84	
0+50			9195	94.20	
0+25		9905	9201	578	
0+0	9127				

Note
0+15 – 1+0
Lowered to Grade
J.P.H.

107

07.77

656
06.55

9905
9201
7.04

Foster Tile
South Side

	Tile Gd	El Stake	Cut	Correct Tops	Reading
38+0	8500	88.38	3.38	85.81	8566
38+25	8507	[illegible]		85.88	85.71
38+50	8513	8752		8594	85.90
38+75	8519	88.16		86.00	8585
39+0	8525	88.27	3.02	8606	8590
39+25	8531			8612	85.97
39+50	8538			8619	86.00
39+75	8544			86.25	8605
40+0	8550	87.52	2.02	86.31	8605
40+25	8557			86.38	8613
40+50	8563			86.44	8620
40+75	8569			86.50	8625
41+0	8575	88.16	2.41	86.56	8636
41+25	8582			86.63	86.61
41+50	8588			8669	86.70
41+75	8594			8675	8669
42+0	8600	89.61	3.61	8681	86.75
42+25	8607			8688	8685
42+50	8613			86.94	8686
42+75	8619			8700	86.93
43+0	8625	9037	4.12	8707	8701
43+25	8632			8713	8704
43+50	8638			8719	8713

37+30	85.01	T end of Tile
37+50	8543	
37+75	8656	

~~12345678~~

South Foster

Sta.	Tile Gd	Elv Stake	Cut	Correct To/l	Tile Reading
43+75	8644			8725	8714
44+0	8650	90.11	3.61	8731	
44+25	8657			8738	
44+50	8663			8744	
44+75	8669			8750	
45+0	8675	89.70	2.95	8756	
45+25	8682			87.63	
45+50	8688			8769	
45+75	8694			8775	
46+0	87.00	91.01	4.01	87.81	
46+25	8707			87.88	
46+50	8713			8794	
46+75	8719			8800	
47+0	8725	92.30	5.05	8806	88.01
47+25	8732			8813	88.11
47+50	8738			8819	88.20
47+75	8744			8825	88.24
48+0	8750	93.67	6.17	8831	88.25
48+25	8757		6.17	8837	88.36
48+50	8763			8843	88.44
48+75	8769			8849	88.54
49+0	8775	93.80	6.05	8856	8863
49+25	8782			8862	8860

~~No~~ Tile covered before checked. But certain Hodge cut to profile

091.16

D. O [?] 94.15 91.81 NG [?]

BM 87.50

50+0

W Hdwll 94.80

Foster Driveway 9 180 [?]

El 94.15

50+0

BM. 94.15

Foster ~~[illegible]~~ Drive

W. Hdwall

Tile Note

STA 47+0 - 53+0

Tile raised

by permission of

Engineer. Quicksand

avoided

Not known

of when

permission

was given

~~Tile~~ break

51+0

El Tile

8807

Foster Tile South

	Tile Gr	Elev Stake	Cut	Correct TO/T	Tile Reading
49+50	8788			8868	8865
49+75	8794			8874	88.73
50+0	88.00	9360	5.60	8881	88.85
50+25	8790			8871	88.84
50+50	87.78			8859	8830
50+75	87.66			8847	.8900
51+0	87.55	9292	5.37	8836	8906
51+25	8744			8825	88.89
51+50	8732			8813	88.76
51+75	8721			8802	88.47
52+0	87.10	91.90	4.80	8791	88.27
52+25	8698			8779	87.97
52+50	8687			8768	87.84
52+75	8676			8757	87.75
53+0	8665	91.67	5.02	8746	8750
53+25	8654			8735	8752
53+50	8643			8724	8741
53+75	8631			8712	8728
54+0	8620	90.57	4.37	8701	87.12
54+25	8609			8690	87.08
54+50	8598			8679	8870 4
54+75	8587			8668	86.90
55+0	8575	8979	4.04	8656	86.81

09 4.15

8897 = TO/T Elev tile raised to STA 51+0

… South

	Tile Gd	Elv Stake	Cut	Correct Top	Reading
55+25	8564			8645	8673
50	8552			8633	8661
75	8541			8622	8652
56+00	8530	89.05	3.75	8611	8635
25	8518			8599	8620
50	8507			8588	8600
75	8496			8577	85.90
57+0	8485	88.34	3.49	8566	8588
25	8473			8554	8576
50	8462			8543	8568
75	8451			8532	8561
58+0	8440	87.90	3.50	8521	8540
25	8431			8512	8528
50	8418			8499	
75	8406			8486	
59+0	8395			8462	8480
25	8407			8473	~~8550~~
50	8418			8485	8550
75	8429			8496	8540
60+0	8440	88.90	4.50	8507	8560
25	8451			8518	8567
50	8462			8530	~~[illegible]~~
75	8474			8541	8582

BM 91.23
58+2[illegible]
S Rail

B.M.
STA 59+40
Bridge E end
S rail
Elv 91.23

Foster Villa South

	Grade	Elv Stake	Cut	Correct top	Road
61+0	8485	89.96	5.11	8552	85.80
25	8497			8563	85.95
50	8508			8575	86.15
75	8519			8586	86.12
62+0	8530	90.67	5.37	8597	86.30
25	8541			8608	86.44
50	8552			8620	86.61
75	8564			8631	86.65
63+0	8575	90.31	4.56	8642	86.75
25	8586			8653	86.80
50	8597			8664	86.98
75	8609			8675	87.14
64+0	8620	90.88	4.68	8687	87.30
25	8631			8698	87.37
50	8642			8710	87.41
75	8654			8721	87.66
65+0	8665	91.14	4.49	8732	87.10
+80	[illegible]			8752	[illegible]
				8774	
+80	8730			8797	

8770
8400

	G	O	N
4	9027	9807	9830
3	9052	9818	9801
2	9077	9841	9863
1	9102	9878	9898

9820

9863
9077
7.86
7.64
9
7.69

7.76
12
86

9898
9102
7.96
7.76
8
7.84

746
7.56
7.72

122

Check Sub-grade

Stk

	E
59+0	89.76
60+0	89.78
61+0	89.95
62+0	90.70
63+0	90.91
64+0	

127

1234567890 1234567

890

123

BM El 100.00
Top cor stone STA 0+00

10151

0 10525

109.275

Surber Road

	El of SubG	Exist.	Grade above	Grade below	Ground El.
0+0	100.00				
1+0	100.90	101.90			101.08
2+0	102.00	102.75			102.39
3+0	103.10	103.60			103.15
4+0	104.20	104.70			104.31
5+0	105.30	105.75			104.51
6+0	106.40	105.90			105.70
6+72	106.64				/
7+0	107.50	107.50			107.30
8+0	108.60	108.60			108.37
9+0	109.70	109.20			108.76
10+0	110.80	110.30			109.89
11+0	111.90	111.83			111.16
12+0	112.90	113.40			112.63
13+0	113.90				
14+0	114.90				
15+0	115.90				

	North Cut	North Fill	South Cut	South Fill
0+0	17.5		18	
1+0	20		19	
2+0	20.5		20.5	
3+0	20.5		20	
4+0	21		21	
5+0	18		18.5	
6+0	~~22.5~~	22.5		20
6+22		25.5		22
7+0		17		17
8+0		15.5		16
9+0		15.5		15.5
10+0		15		17.5
11+0		18		18
12+0	19.5		18.5	
13+0	19		19	
14+0	18		19.5	
15+0	20		20	
16+0	17		18.5	
17+0		15	17.5	~~17~~
17+77		15	17.5	
18+0		15	17.5	
19+0	17	~~17~~	18	
20+0	17.5		17.5	
21+0		15		15
22+0		15		15
23+0	17.5			15
24+0	18.5			18
25+0	19			18

	North	South
26+0	cut 18	17.5 cut
26+64	cut 18	cut 18

132

133

Passed us / same direction in obstructed motion	No Passed
4411 P-I	1 1
I m	Old law.
4411 1 1 1 1 1 1 1 1 / 1 T 4411 1 1 1 1	1234567
I mount	T
441	
I-P 30 / 1	1 1
P-STILLS V / 1	1
STILL - BEAM / 1	
c lts Bridge / 1 1	1 1 1
B-T.H.	1 1 1 1 1 1 1
City lts / 1	T H

9470

8755

7.15

12345

7.15.9

10 | 7.15

7 .715

8755

8755

143

8898

9876

97

7.15

715

1420

Terra Haute
City LIMITS
passedus we passed

Terra H — Brazil
||| |

Brazil

Brazil — Stiles
||| ||

Stiles — Plainf
| 999

Pl — I
|9|

Plano Ind bridge
| 99|||9|7

Bridgain
9

Continued from P. 71.

CHECK FOR TILE

		Correct for Tile	Not for Road
55+50	8552	8633	86.62
55+75	8541	8622	86.55
56+0	8530	86.11	86.44
56+25	8518	8599	8630
56+50	8507	8588	8 6.11
56+75	8496	8577	96.03
57+0	8485	8566	85.90
57+25	8473	8554	85.85
57+50	8462	8543	85.72
57+75	8451	8532	85.58
58+0	8490	8521	86.40
58125	8431	8512	86.29
58+50	8418	8499	86.30
58+75	8406	84.86	
59+0	8395	8462	
59+25	8407	8473	
59+50	8418	8486	
59+75	8429	8496	
60+0	8440	8507	
60+25	8451	8518	
60+50	8462	8530	
60+75	8474	8541	
61+0	8485	8552	8560
61+25	9497	9563	8565
61+50	8500	8575	8580

Terminus Covered boring Checked

BM

59+0

Bridge End

S Rail

Elv 91.23

	Grade	9+ Correct Top	Road.
61+75	8519	8586	
62+0	8530	8597	
62+25	8541	8608	8646
62+50	8552	8620	8648
62+75	8564	8631	
63+0	8575	8642	8657
63+25	8586	8653	8656
63+50	8597	8664	8670
63+75	8609	8675	8667
64+0	8620	8687	8687
64+25	8631	8698	8730
64+50	8642	8710	8735
64+75	8654	8721	8740
65+0	8665	8732	8760
65+25		8752	
65+50		8774	
65+80	8730	8797	

12345678.

1234567890 ~~12345~~

4+0 9807-9027-

.083

$\frac{8}{10}$ $\frac{4}{5}$

1.25

$$12\overline{)100.00}$$
8.33
96
40
36
4

.083
415

1" = .08
2 = 16
3" = .25
4" = .33
5" = .41
6" = .50
7" = .58
8" = .66
9" = .75
10" = .84
11" = .92
12" = 100