

11  
8.4  
11.6

IF FOUND RETURN TO  
ERWIN U. MOSER  
P. O. BOX 454  
LOGAN, UTAH

Smithfield 2.

6.42 Hub to back of Cools  
at N. end of Church  
Cools + gutter



17-18 1st West Street betw.  
1st North 0+00, and 2nd So. <sup>21+87.6</sup>~~21+87.6~~

17-22 Grades at 360 B 4th So & Main

**FIELD  
BOOK**

36731

ERWIN U. MOSER  
P. O. BOX 454  
LOGAN, UTAH

CHECKED 7-14-69  
**KEUFFEL & ESSER CO.**

Page	Subject
1-17 ✓	1 <sup>st</sup> W. from 1 <sup>st</sup> N to 2 <sup>nd</sup> S on both sides
19-22 ✓	Grades for s.c. #9 at 4 <sup>th</sup> S. & Main
23 ✓	Smithfield City Bridge at 2 <sup>nd</sup> W & 3 <sup>rd</sup> S.
24 ✓	Grades for Ditch (gutter) 2 <sup>nd</sup> N & 2 <sup>nd</sup> E.
25 ✓	Grades on 4 No. Between Main & 1 W.
26 ✓	Elevation of Bridge on 1 S. & 2 W
28 ✓	Hansen, Wendell (curb & gutter)
27 ✓	Auction Center (lines & grade)

Smithfield City  
Re-run of 1<sup>st</sup> West betw  
1<sup>st</sup> North 0+01 & 2<sup>nd</sup> South 21+89.6

Curb face at 2<sup>nd</sup> So & 1<sup>st</sup> W  
is 15.6' E. from West edge  
of West Sidewalk.

Offset back on Curb for  
parking cars at Church  
at 2<sup>nd</sup> So. is 3.0'

Width of Road is 99' for  
en fire 3 blocks.

Hub line on this Street  
is 10.5' off property line

Hub Line is 10.0' off prop.

Rid-Richard Squires  
E.U.M.

7-23-53

Sta. Rod HI Elev F.S. B.S.

BM #1	2.91	102.91	100.00	
Fl. of Ditch	6.54		96.37	
cone center	3.20		97.71	
0+00				

BM #2	3.10		99.81	
W. Prop	5.46		97.45	
W. Walk	5.38		97.53	
0+15.8H	5.30		97.61	
± Rd	4.14		98.77	
E Hub	3.54		99.37	
E Walk	3.47		99.44	
E Prop	3.38		99.53	
Top of Cul	3.92		98.97	
Top of <sup>sewer</sup> pipe	3.86		99.05	
W. Walk	5.66		97.25	
0+60 H.	5.4		97.51	
± Rd	4.47		98.47	
E Hub	3.86		99.05	
E Walk	3.24		99.67	

BM #1 is top of stake on pole SE Cor 1/4<sup>th</sup> NW  
1/4<sup>th</sup> of ditch on west of road property line  
Top of cone divider of ditch going SW  
In ditch, no level shot taken

is stake top on pole at SE Cor 1/4<sup>th</sup> NW  
W. Property line

E. Prop. line at SE Cor 1/4<sup>th</sup> NW

	Rod	HI	Elev	FS	BS
W Walk	5.81	102.91	97.10		
1+00 H	5.56		97.35		
± Road	4.45		98.46		
E Hub	3.15		99.76		
E Walk	3.02		99.89		
W. Walk	5.82		97.09		
1+50	5.26		97.15		
± Rd.	4.50		98.41		
E Hub	3.63		99.28		
E Walk	3.41		99.50		
1+51 W Invert of Pipe	6.35		96.56		
2+24 W Invert of Pipe	6.98		95.93		
W. Walk	5.62		97.29		
2+00	5.52		97.39		
± R	4.42		98.49		
E H	3.64		99.27		
E Prop	2.93		99.98		
W Walk	5.37		97.54		
2+50 H	5.35		97.56		
± Rd	3.90		99.01		
E Hub	3.78		99.13		
E Prop	3.76		99.15		

	Rod	H.L.	Elev	F.S.	B.S.
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W. Wall	5.54	102.91	97.37		
3+00	5.42		97.49		
♀ Rod	4.10		98.81		
E Hub	2.83		100.08		
E Prop	2.36		100.55		

W. wall	5.48		97.43		
3+50	5.40		97.51		
♀ R	4.47		98.44		
E Hub	2.96		99.95		
E Prop	2.24		100.67		

W wall	5.34		97.57		
4+00	5.22		97.69		
♀ Rod	4.45		98.46		
E Hub	2.74		100.17		
E Prop	2.27		100.64		

W wall	5.34		97.57		
4+50	5.41		97.50		
♀ R1	4.47		98.44		
E H.	2.66		100.25		
E Prop	2.2		100.71		
Pipe Invert	6.84		96.07		

Pod HI Elev FS BS

W. wall	5.25	102.91	97.66
5+00	5.67		97.24
♀ Rd.	4.57		98.34
E.H.	2.87		100.04
E Prop.	2.13		100.78

<sup>5+37</sup> water outlet	6.37		96.54
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W. wall	5.16		97.75
5+50	5.35		97.56
♀ Rd.	4.53		98.38
E. Hub	2.83		100.08
E. Prop.	2.82		100.09

W. wall	5.06		97.85
6+00H	4.88		98.03
♀ Rd.	4.34		98.57
E.H.	3.68		99.23

E Prop.	3.47		99.44
water outlet 6+25	5.79		97.12

W. Wall	5.07		97.84
6+50 H.	5.04		97.87
♀ Rd.	4.07		98.84
E. Hub	3.54		99.37
E Prop.	3.21		99.70

4

	Rod	HI	Elev	FS.	B.S.
W. Prop	5.00	102.91	97.91		
W. wall	5.03		97.88		
G+70	4.96		97.95		
E Rod	3.95		98.96		
E Hub	3.50		99.41		
E wall	3.44		99.47		
E Prop	3.28		99.63		

7	3.87		99.04		
	3.74		99.17		
	3.57		99.34		

BM#3	2.14	102.91	100.77	2.14	3.32
		104.09			

747	4.84	104.09	99.25		
W.E of 747	4.72		99.37		
743					
745	4.57		99.52		
Chk on W. side	4.82				

West face of curb on NE Cor of Center  
 Hub line on curb " " " "  
 10" E of Hub line on curb " " " "

Top of Stake on Pole at SE Cor of W + Center

Westside N - 2 Crossovers & Curb Return  
 S - Intersection

at hub  
 5' Curb line on SE Cor of W + Center  
 2/10' East of on curb line

Curb of S. side of Center on E. side on curb line

	Rod	HI	Elev	FS	BS
E Prop	4.47	104.09	99.62		
E Walk	4.65		99.44		
E. Hub	4.75		99.34		
⊕	4.96		99.13		
Z+63 H	6.15		97.94		
W. Walk	6.19		97.90		
W. Prop	6.27		97.82		
⊕ Rd	5.87		98.22		
W. Walk	6.10		97.99		
8+00	5.97		98.12		
⊕ Rd	5.22		98.87		
E H.	4.70		99.39		
E Walk	4.65		99.44		
8+03	5.54		98.55		
W Walk	6.06		98.03		
8+50	5.96		98.13		
⊕ Rd	4.95		99.14		
E H	4.39		99.70		
E W.	4.52		99.57		

⊕ Road on West side of 1W at Center

Walk at House step for corner House



Rod HI Elev FS BS

W Walk	5.96	104.09	98.13
9+00	5.88		98.21
± Rd	4.40		99.69
EH	4.32		99.77
E Walk	4.39		99.70

9+15	6.10		97.99
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W Walk	5.85		98.24
9+50	5.60		98.49
± Rd	4.10		99.99
E Haul	3.71		100.38
E Prop.	3.36		100.73

W Walk	5.74		98.35
10+00	5.47		98.62
± Rd	4.26		99.83
EH	3.73		100.36
E Prop.	3.32		100.77

W Walk	5.70		98.39
10+50	5.59		98.50
± Rd	4.62		99.47
EH	4.10		99.99
E Prop.	3.59		100.50

Tip of 12" Conc pipe going west <sup>5 ft</sup> (walk)

Water Run. No.

	Red	HT	Elev	F.S.	B.S.
10+70	6.58	104.09	97.51		
10+91 <sup>E</sup>	6.25		97.84		
10+91 <sup>W</sup>	6.60		97.49		
W Walk	5.65		98.44		
11+00	5.50		98.59		
♀ Rd	4.63		99.46		
E.H.	4.19		99.90		
E Prop	4.10		99.99		
W Walk	5.80		98.29		
11+50	5.80		98.29		
♀ Rd	4.64		99.45		
E.H.	4.12		99.97		
E Prop	3.85		100.24		
11+50 <sup>W</sup> Invert Pipe	6.64		97.45		
W. Walk	5.83		98.26		
12+00	6.32		97.77		
♀ Rd	4.70		99.39		
E.H.	4.30		99.79		
E-Prop.	3.90		100.19		
12+01	6.80		97.29		

Ditch bottom going west

15" Pipe invert going west - East end

" " " " " " - West end.

Move Ditch Grad's South

Pipe under W. walk.

Pipe under West walk

Sta	Rod	HI	Elev	FS	BS
W walk	5.92	104.09	98.17		
12450	6.08		98.01		
Q Rd	4.85		99.24		
E Hub	4.42		99.67		
E Prop.	3.90		100.19		

B.M. #4	4.17	104.09	99.92	4.17	3.13
		103.05			

W walk	5.00	103.05	98.05		
13700	4.87		98.18		
Q Rd	3.99		99.06		
E Hub	3.59		99.46		
E Prop.	3.00		100.05		

W walk	5.13		97.92		
13750	4.95		98.10		
Q Rd	4.16		98.89		
E Hub	3.65		99.40		
E Prop.	3.00		100.05		

W walk	5.25		97.80		
14100	5.15		97.90		
Q Rd	4.17		98.88		
E Hub	3.72		99.33		
E Prop.	3.05		100.00		

Sta	Rod	HT	Elev	FS	BS
W Prop.	5.23		97.82		
W Walk	5.23	103.05	97.77		
14+25.7	5.16		97.89		
E Rd	4.10		98.95		
E Hub	3.81		99.24		
E Prop.	3.60		99.45		
BM #5	3.49		99.56		
14+50	4.06		98.99		
	3.84		99.21		
14+50	4.15		98.90		
14+50	3.78		99.27		
15+00	3.96		99.09		
15+00	5.06		97.99		
	3.93		99.12		
	3.78		99.27		
	4.14		98.91		
BM #6	3.18		99.87		
W Prop	5.50		97.55		
W Walk	5.27		97.78		
15+20.3	5.32		97.73		
E Rd	4.60		98.45		
E Hub	3.78		99.37		
E Prop	3.58		99.47		

Prop. line and N. edge of walk  
 BM on NE Cor of Intersection

E Side - 27' crossover on W. with offset.  
 W Side - 2' cross over  
 2' cross over

Curb in E Hub line

10' E.

West face of curb 8' W. of Hub

in East Hub line

in East hub line

in West hub line

Curb in E Hub line

10' East

West face of curb 8' W. of Hub

	Rod	HT.	Elev.	F.S.	B.S.
W. Walk	5.74	103.05	97.31		
15+50	5.58		97.47		
♀ Rd	5.25		97.80		
E. Haul	4.08		98.97		
E. Prop.	3.57		99.48		
W. Walk	6.15		96.90		
16+00	6.4		96.65		
♀	5.92		97.13		
E. Haul	4.89		98.16		
E. Prop.	3.86		99.19		
T.P.		103.05	96.22	6.83	4.42
W. Walk	4.22	100.64	96.42		
16+50	4.42		96.22		
♀ Rd	3.97		96.67		
E. Haul	3.10		97.54		
E. Prop.	3.06		97.58		
W. Walk	4.61		96.03		
17+00	4.56		96.08		
♀ Rd	4.20		96.44		
E. Haul	3.46		97.18		
E. Prop.	3.31		97.33		
17+29	3.04		97.60		

Top of W. Haul at 16+50

West  
Poles

16+74	15.8
16+83.5	14.7
17+77	17.0

Sidewalk to house on East at 17

Sta	Rod HI	Elev	FS	BS
W. Walk	5.00	100.64	95.64	
17+50	4.91		95.73	
♀ Rd	4.54		96.10	
E. Hub	3.70		96.94	
E Prop	3.41		97.23	
17+53	6.09		94.55	
17+65	3.21		97.43	
W. Walk	5.42		95.22	
18+00	5.61		95.03	
♀ Rd	4.93		95.71	
E. Hub	4.33		96.31	
E Prop	3.86		96.78	
18+42	3.21		97.43	
W. Walk	5.79		94.85	
18+50	5.91		94.73	
♀ Rd	5.18		95.46	
E. Hub	4.32		96.32	
E Prop	4.16		96.48	
18+52.4	5.96		94.68	
18+52.4	5.85		94.79	
18+56	7.00		93.64	

both of ditch must  
 Conc driveway to East.

Winn Driveway to East

Top of Curb at end of Church C+G  
 Sundry ditch west.

	Rod	HZ	Elev	FS	B.S.
18+59.5	5.88	100.64	94.76		
18+59.5	5.91		94.73		
19+00					
W. Curb	6.12		94.52		
± Rd	5.33		95.31		
E. Hub	4.54		96.10		
E. Prop	4.45		96.19		
19+50					
W. Curb	6.40		94.24		
± Rd	5.36		95.28		
E. Hub	4.78		95.86		
E. Prop	4.40		96.24		
20+00					
W. Curb	6.79		93.85		
± Rd	5.44		95.20		
E. Hub	4.26		96.38		
E. Prop	4.60		96.04		
BM #6	0.73		99.91		
T.P.		100.64	96.38	4.26	1.51
		97.89			

13

Hub W of Curb offset  
 Top of Curb at offset  
 18+60 Remove offset

Stake on Pole in SE corner of Station  
 E. Hub at Sta 20+00

Sta Rod HI Elev FS. BS.

20+50  
 W. Cul. 4.29 97.89 93.60  
 E Rod. 2.87 95.02  
 E Hub 1.80 96.09  
 E Prop. 1.16 96.73

21+00 4.93 92.96  
 W Cul. 4.60 93.29  
 E Rod 3.43 94.46  
 E Hub 2.76 95.13  
 E Prop. 2.44 95.45

21+50  
 W. Hub 4.93 92.96  
 E Rod. 3.90 93.99  
 E Hub 3.77 94.12  
 E Prop. 3.14 94.75

21+876 5.06 92.83  
 W. Prop. 5.01 92.88  
 W. Wall 5.00 92.89  
 W. Culch 5.18 92.71  
 E Rod 4.11 93.78  
 E Hub 3.99 93.90  
 E Wall 3.92 93.97  
 E Prop. 3.83 94.06  
 BM\*7 3.34 94.55

97.6  
 17.55  
 05.15

N Edge SW NW Cor.

East Side Overturn & Crossovers

BM\*7 = Top of Stake on Pole at NE Cor



15+00 SE Cor. Curb return @ 15+77  
 Cross over End at So. Side S.W. on S side 15+58  
 Same on NE Cor. 7.8 West of Base Line

10+93 15' west side S.W. to pole West side 1st N

9+31.7 15' " " " " " " " " " "

14.6 " " " " " " " " " "

SW Cor. Center 14.0 So. Side Sidewalk.

SE Cor. Center Crossover on West.

Conc. Box 5' X 3.0' Should be removed.  
 8.6' Pipe to be removed.

Center NE Cor. 30' SW & Crossover going West  
 offset under bridge

6+00 13.6' West Side SW to Pole West Side 1 W

4+45 13.8 " " " " " " " " " "

2+95 13.5 " " " " " " " " " "

2+40.5 13.5 " " " " " " " " " "

0+00 West Side Flowline of ditch going  
 west is control. Must flow South  
 to 2+24 - slope on South to  
 Canal. 336 to

2+79.2 } sides of Canal. West Side  
 2+93.2 }

Top of Canal / E & West Side  
 Flowline Culv. N side Center across 1st West  
 Station Canal East Side  
 Station W Edge SW Face of Curb 250.  
 Top of Curb N E Cor 250. None  
 Base line from E Edge of S.W.  
 Face of Curb Return from base line (1st side)  
 Edge of Curbs.

6+75 So. Edge SW. N side Center NE Cor.

7+47 Face of Curb S Side Center SE Cor.

4+40.5 So. Edge SW N side 150 NE Cor

15+14.5 No Edge SW S side 150 SE Cor.

ditch @ 10+91

22' PL to Curbface-

Center	NE Cor.	15.5'	E Edge SW to Curb face
		7.3'	E Edge SW to Base line
	2+68 <sup>6</sup>	}	Canal Station East Side
	2+53 <sup>6</sup>		
150.	SE Cor	15.3	E Edge SW to Curb face
		7.0	E Edge SW to Base line
		18.55	Face of Curb from PL.
	NE Cor.	18.3	PL to curb face
		7.8	Base line to Curb face
		7.8	
		7.5	
	22+05 <sup>15</sup>	S Face of Curb NW Cor 25' West	

Elevations

BM #6	3.22	103.23	99.91
15+15 <sup>3</sup>		4.28	98.95
		4.10	99.13
14+30		4.04	99.19
14+35 <sup>5</sup>		5.92	97.31
		<del>4.30</del>	96.93
BM 3	2.40	103.17	100.77
7+46		5.42	97.75
6+75		4.16	99.01
6+80		5.14	98.03
6+80		6.38	96.79

Stake on Pole SE Cor 1st So. & 1 West  
 West face of Curb E Side 1st West  
 Curb intersection  
 West Curb face E Side 1st W  
 East Curb Under 1st W N Side 1st 50  
 West End " " " "

Stake on Pole SE Cor 1st W & Center  
 Invert Curb So. Side Center 14' N of Curb face  
 West Curb face  
 East End Curb under 1 West  
 West End Curb under 1 West

Supplementary Elev. NW-1 to 250

Sta	+	HI	-	Elev
TBM 2+50 H	5.01			99.14
Canal 2+60 <sup>g</sup>			5.54	98.61
Canal 2+66 <sup>z</sup>			6.74	97.41
2+50			5.00	99.15
2+50 H			6.59	97.56
0+13			4.88	99.27
0+13			4.80	99.35
BM 1	4.15	104.15	4.15	100.00

T = E. Maser  
 P = K. Hansen 17

Hub at 2+50 East

Canal  $\phi$  at Curb line East Side

Canal  $\phi$  at Curb line West Side

S.W. East Side

Hub @ 2+50 West Side 1W

On West Ditch Curb So. Edge SW 6' West of Base line

On SW So. Edge 6' West of Base line

BM 1 Station Pk. S.E. Cor

	1.25	5.06	5.06	1.68
4.3/4	1.34	1.34	1.70	
16	6.40	6.81	5.06	
	5.06		4.75	
	1.22		.31	
	6.81		8.3/4	

Cut

1 7/8    4.89    5.05<sup>H</sup>    + 60

5.04  
4.89  
   .15

10.3/4    4.56    4.66<sup>H</sup>    1+00    1.7<sup>H</sup>

Sta	Ref	HI	Elev	FS	BS
21+87.6	Hub, 5.01 Walk 4.50 Grade 3.95				
13M#1	4.09			4.50	
22+00				4.19	
Grade	4.18			4.69	
22+81.5				73	
				3.96	
23+00					
24+00					
25+00					
26+00					
26+07.3H	5.01 Grag 3.95 Walk 4.50				
26+25					
Grade	4.18			6.08	
+50	4.523			73	
Grade	4.54			5.35	
+75					
Grade	4.86				
+78	6.08				
27+08H	6.03				
Grade	5.26				
+19	6.62				
27+25					
Grade	5.53				

8-7-53

19

NW cor of Intersect. N. side of Walk.  
S.E. Top of Bottom Step on 2 Hansen drive  
in Parking

{ Hub in Parking on Line with Prop  
on SW cor of Intersection

N. Line of Prop. beg. of curb & gutter  
for Leslie Hansen

Road } Out of  
 } fill  
 1+10 S 7.76 }  
 0+00 6.02 } 74' per 100' slope  
 6.45 }  
 6.95 }  
 6.95 }  
 0.5 }  
 5.54 }  
 5.16 }  
 0+00 5.16 }  
 1+00 3.42 }  
 1.74 } 1.74' per 100' slope  
 .195 }  
 15870 }  
 174' }  
 33930 }

$-.98 = 11\frac{3}{4}'' F$   
 $\frac{1}{2}'' F$

7-29-53 20  
 grades for curb at 480  
 and means

top of 100'  
 Point in curb S. of 460  
 pt in top of curb at E end of S. curb  
 top of curb <sup>3'</sup> at E end of curb  
 top of curb 7' N of E end of curb  
 and 3' W + 2' S of curb line

top of curb 3' N + 3' W of curb  
 line on N. side of  
 4<sup>th</sup> South  
 S end of N. curb.

100' N. of S end

27+50 H. 7.11

Grade 5.85

27+75

Grade 6.18

28+00 H 7.37

Grade 6.52

28+25

Grade

Hub

28+32.5 7.58

Edge of well 7.47

Grade 6.93

28+50 H 7.36

Grade 6.52

28+75

Grade 6.18

29+00 H 7.11

5.85

29+25

29+44.65

$$\begin{array}{r}
 7.56 \\
 6.93 \\
 2.3 \\
 \hline
 7.47 \\
 7.66 \\
 7.3 \\
 \hline
 6.93
 \end{array}$$

$$\begin{array}{r}
 28+32.0' \\
 1.12.10'
 \end{array}$$

6.18

Apparent S. prop line of  
Morris Hansen

Apparent S. line of Block

Sta	West side	1 <sup>st</sup> West
0+15	3.78	4.36

1+50	3.92	4.79
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3+00	4.00	4.52
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~~847~~

8-8-53 Mark Block 9 hrs 22

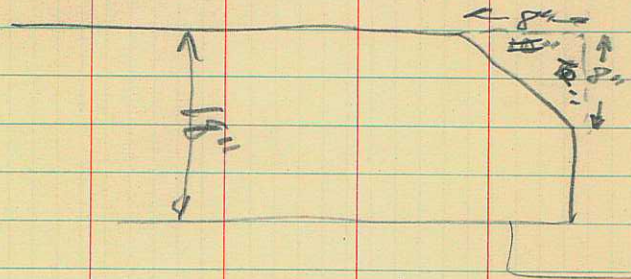


3-8-57  
Smithfield City  
Bridge at 2<sup>nd</sup> W and 3<sup>rd</sup> S

Bridge is 16' Long.  
Build 22' N.E. 22' S.

clear span 10'

Clearance 1'-6"



Wall of stalling door is  
20" high  
4" cut off wall

23

8.14 ✓  
8.73  
8.88  
9.12  
8.9 ✓

Heddy get	SE of beam	
Pole	8.02	7.94
	6.54	6.58
	<hr/>	
	1.48	

# Grades for Ditch (gutter)

2nd North & 2nd East

Sta	Red	H.I.	Elev.	Cut
0+00	4.29	104.29	100.00	2'-4 $\frac{1}{4}$ " 2.36
Ditch Bot	6.65		97.64	
0+50	4.78		99.51	1'-8 $\frac{1}{4}$ " 1.69
Ditch Bot	6.69		97.60	
1+00	5.34		98.95	0'-11 $\frac{1}{4}$ " 0.94
1+50	5.06		99.23	1'-0 $\frac{1}{4}$ " 1.02
Ditch	6.7		97.59	
2+00	4.81		99.48	1'-1 $\frac{1}{8}$ " 1.09
Ditch	6.26		98.03	
2+23	4.36		99.93	1'-5 $\frac{3}{8}$ " 1.45
Ditch	5.78		98.51	
2+50	4.2		100.09	1'-6 $\frac{1}{2}$ " 1.51
Ditch	5.67		98.62	
2+82	3.9		100.39	1'-8" 1.68
Ditch	5.58		98.71	

$$\begin{array}{r} 6.65 \\ 5.58 \\ \hline 1.07 \end{array}$$

$$\begin{array}{r} 6.65 \\ 34 \\ \hline 6.31 \\ 5.34 \\ \hline \end{array}$$

24

pt. at intersection at Str.

bot. of box

2-3-58 v hoo  
4<sup>th</sup> North ✓  
Botw Main & 1<sup>st</sup> West

± grader

Sta	Red	HI	Elev
± Main	0.02	100.02	100.0
0+00	1.62		98.40
1+00	2.77		97.25
2+00	2.75		97.27
2+17 (p.t.d)	3.00		97.02
3+00	4.81		95.21
4+00	6.49		93.53
5+00	9.48		90.54
6+00	11.20		88.82
6+31 (Bridge)	11.84		88.18
7+00	14.04		85.98
7+26	14.65		85.37

2-10-58 v hoo 25

E. side of sidewalk on W. side of Main St.

± N-S Rd (1<sup>st</sup> West)

3-19-58  
1<sup>st</sup> South of W Bridge N. side

4.94 = Elev under rail  
of bridge

5.47 = Elev<sup>of deck</sup> under bridge  
5. feet

26

10-24-58  
Page 73 of Plats.

Road line & Grades to  
New Auction Center  
74896 16 Miles

Slope = 0.36' / 100'  
Elev Elev Dist Cut

To top of	6.00			
Stake in ditch	5.15			
Ditch Bot.	5.85	106.00	100.00	
Natural	5.69		100.31	99.64 10'
Ground	4.13		101.87	99.28
Invert	6.9		99.00	
Ditch at fence	5.06		100.94	
Ditch at Barn	6.46		99.54	
0+10	5.85	100.00	100	00
1+00	3.95	102.05	99.75	23'
Ditch South	4.77	101.23	99.54	17.69
1+85	5.13	102.37	99.18	3.19
2+00	3.98	102.02	98.82	3.20
3+00	4.90	101.10	98.46	2.64
4+37	6.14	99.6	98.10	1.5
Ditch Bot.	7.6		98.4	
Beet Field			107.68	
SW in Beet	3.32		101.78	
	4.22			

5 85

106.00	6.4	106.00	37
5.69	4.35	106.00	6.46
100.31	6.00	106.00	5.06
	6.4	99.94	
	9.00	99.04	
99.64	1.87	106.00	31
36	11.45	6.46	
99.28	36	9.54	
36	11.0		
1.92	5.55	2.37	
1.8	0.33	99.28	
99.54	3.38	64	0.9
36	2.00	31	
99.18	1.23		
36	6.00	100.31	
98.82	3.42	99.64	
36	2.37	.95	
98.46	1.23	0.36	
36	7.33	1.000	
98.10	4.37	1.311	
8.10	9.9	102.05	
100.94	6.00	99.75	2890
12.5	9.6	2.050	106.23
1.71	8.4	99.64	0.84
		31	4.37
			.36
		106.00	26.22
		4.77	1.311
		1.23	1.5732

Mileage		Wendell Hansen		6/25/59	
79633-643		Total = 18 mi.			
Sta	Rod	HI	Elev	FS	BS
B.M.	2.13		100.00		2.13
		102.13			
0+00	0.89		101.24		
♀ Rd	1.36		100.77		
0+50	2.01		100.12		
♀ Rd	2.33		99.80		
1+00	3.28		98.85		
♀ Rd	3.40		98.73		
1+50	5.10		97.03		
♀ Rd	4.55		97.58		
2+00	6.31		95.82		
♀ Rd	5.78		96.35		
2+50	7.54		94.59		
♀ Rd	6.85		95.28		
3+00	8.56		93.57		
♀ Rd	7.88		94.25		
4+00	9.65		92.48		
♀ Rd	9.52		92.61		

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Stake line is 6" N. of TL  
 Stake is offset 2" South of Curblino  
 Top and NW Corn of Concrete Wall at 1+25

20551.3

Diff in Elev.			
Sta	Rod	HI	Elev
<del>2+00</del>			
B.M.	0.68	100.68	100
<sup>Top of Stake</sup> 2+00	4.88	95.80	95.80
<sup>Top of</sup> Drive	4.25		96.43 Drive

<sup>Top of</sup> East Drive 0.94 99.74

0+50 0.58 100.10

1+00 1.83 98.85

1+50 3.64 97.04

Mileage:

6/25/59 - 18 mi      7/17/59 - 18 mi

			Elev.		
5+00	11.93		90.20		
± Rd	11.65		90.48		
5+93	13.18		88.95		
± Rd	12.90		89.23		
I.P.			11.93		
	Grade Elev.	Cut	Fill	(in.)	
				cut	Fill
0+00	100.48	0.76		9 1/8"	
0+50	99.37	0.74		8 7/8"	
1+00	98.26	0.59		7 1/8"	
1+50	97.15		0.11		1 3/8"
2+00	96.04		0.23		2 3/4"
2+50	94.93		0.34		4 1/8"
3+00	93.82		0.25		3"

83044.

83065

29

10-2-59

Bridge at Mack Park

Clear span 14'  
Underside deck to floor 4.1'Walls - North side 12' Long  
South side 16' Long

Footings to go 8" below deck Bot.

Floor is 2.6' above Creek Bottom

Steel on hand42 pieces of bars 23.5' long

Deck to floor 4.30'

Floor to asphalt =  $6.94 - 0.65 = 6.29$ Floor to top of wall =  $6.94 - 1.25 = 5.69$ 

Deck to top of Rail = 9.24'

