Drain: WILLIAM LOCKE **Drain #:** 133

Improvement/Arm:

Operator: J. LIVINGSTON **Date:** 3-11-04

Drain Classification: Urban/(Rural) **Year Installed:** 1883

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: WILLIAM LOCKE

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable: Price:	If Applicable: Cost:
OPEN DITCH	—	31,400'	22,055'	-9,345'	19.55/lf	431,175.25
ARM 1 - TILE	15"	2096'	2096'		5.00/lf	10,480.00
	22"	4164'	4164'		9.00/lf	37,476.00
	10"	1760'	1760'		3.00/lf	5,280.00
ARM 1 OF 1 - TILE	8"	977'	977'		2.00/lf	1,954.00
	10"	523'	523'		3.00/lf	1,569.00
	14"	3500'	3500'		4.25/lf	14,875.00
Sum:		44,420'	35,075'	*-9345'		$502,809.25

Final Report: _____

Comments:

* THE FIRST 9,345' OF THE WILLIAM LOCKE WAS RECONSTRUCTED IN 1998 WITH THE CHARLES HUFFMAN DRAIN AND BECAME PART OF THAT DRAIN.

5632½

Report of Commissioners.

FAVORABLE.

Filed ..... , 188

Clerk Circuit Court.

Wm. B. Burford, Printer, Indianapolis.

OWNERS.	DESCRIPTION.	S.	T.	R.	A.	Benefits.	Injury.
John McClintick	N.E. N.E.	7	19	6	40	106.00	
" "	N.W. N.E.	7	19	6	40	53.00	
" "	pt S.W.¼ Begin N.E. corner S 80 W 56 N 1°14' E 80 E 54-19 to beginning	7	19	6	28	133.00	
" "							
" "	Begin N E cor SE¼ 7-19-6 S 47 W 88, N 8 W 10, N 22 W 38 W 1°14' W 16, E 136, to begin	7	19	6	32	15.00	
Calvin Lee	N.W. N.W.	8	19	6	40	48.00	
" "	N.E. S.W.	8	19	6	40	15.00	
" "	S.E. N.W.	8	19	6	40	5.00	
" "	S.W. N.W.	8	19	6	40	5.00	
H.A. Lee	S.W. S.W.	5	19	6	40	5.00	
A. Anderson	N.W. S.W.	8	19	6	40	3.00	
J.M.J. Saunders	N.E. N.W.	7	19	6	40	21.00	
" " "	S.W. N.W.	7	19	6	40	139.00	
" " "	S.W. N.E.	12	19	5	40		
Henry Presser	Begin 38-18 S N W cor 8-19-6 E 145-19 S 19°W 32 82 7/10 W 90-2 N 68½ W 97 11/12 N 74-12 to begin	18	19	6	76	60.00	
Chas Presser	Begin 141-24 2 North S W cor 18-19-6 N 65-4 S 68½ E 95-1 S 48° W 20-18 S 85 W 32 W 49-16 to begin	18	19	6	22	27.00	
Nelson Edwards	pt S.W. pt N.W.	18	19	6	40	80.00	
Nancy Sylvester	N½ S.W. N.E.	13	19	5	20	27.00	
Chas "	N.W. S.E.	13	19	5	40	95.00	
" "	N.E. N.E.	13	19	5	40	10.00	
Sarah E Moore	S.W. S.E.	12	19	5	40	106.00	
Jacob Fischer	S.E. S.E.	12	19	5	40	10.00	
Saml Sperry	N.E. S.E.	12	19	5	40	80.00	
" "	N.W. S.E.	12	19	5	40	16.00	
Thomas Castor	S.E. N.E.	12	19	5	40	3.00	
D.B. Miesse	E. S. S.W. N.E.	13	19	5	10	27.00	
" " "	N.W. S.E.	13	19	5	40	106.00	
" " "	N.E. S.E.	13	19	5	40	80.00	
Nancy A McDonald							
Fortune "							
Theodore "	S.E. W.W.	13	19	5	40	10.00	
Blanche "	W. S. S.W. N.E.	13	19	5	10	18.00	
Clark "						137	
Melissa "							

OWNERS.	DESCRIPTION.	S.	T.	R.	A.	Benefits.	Injury.
Jesse Fisher	Commence SW cor 18-19-6 N 92-1½ & 43-15 S 92-1½ W 43-7 to begin	18	19	6	25	$ 4 15 00	
	Begin 43-7 E SW cor 18-19-6 N 92-1½ & 40-14 S 92-1½ W 40-7 to begin	18	19	6	23 18/100	10 00	
	Begin 83-8 E SW cor 18-19-6 N 92-1½ & 40-14 S 92-1½ W 40-7 to begin	18	19	6	23 18/100	3 00	
	Begin 92-1½ N SW cor 18-19-6 N 49-22½ E 49-16 S 50 W 49-10 E 154-2½ S 16-9½ W 165-7 to begin	18	19	6	23 18/100	80 00	
Freelon Castor	SE. SE.	13	19	5	40	106 00	
" "	SW SE	13	19	5	40	159 00	
J. J. Teeter	SE. NW	24	19	5	40	200 00	
Perrina Castor	SW, SW	24	19	5	40	53 00	
Conard Castor	E NW SW	24	19	5	20	13 00	
" "	N E. S W.	24	19	5	40	53 00	
Samuel W Teeter	SW. NW.	24	19	5	40	69 00	
Alfred Graham	NE SE	23	19	5	40	53 00	
Marion Castor	[illegible] SE SE	23	19	5			
	except 5½ a off N W cor				34 3/4	159 00	
Wm Castor	W ½ S ½ S ½ S W ¼	23	19	5			
	except 5 acres off N end				15	10 00	
C. S. Stephenson	NE ¼ NE ¼	26	19	5			
	except 1½ a off S W cor				38½	87 00	
S. B. Castor	N W NE	26	19	5	40	69 00	
" "	S W NE	26	19	5	40	53 00	
" "	S E N W	26	19	5	40	87 00	
White River Tp	Public highway running						
	north & south between	7	19	6	and		
Grand Trk Ry Co		12	19	5		$ 20 00	
	Pierce Grave Road No. 2					25 00	
" "	Locke Grave Road					25 00	
Wayne Township	Public highway running East and West on						
	the line between	13 & 24	19	5		15 00	
" "	Public highway running E.						
	and W. on line between	23 & 26	19	5		10 00	
" "	Public highway running						
	E & W. on line in center	26	19	5		10 00	
	Total Assessment					$ 2757 00	

By the construction of a ditch beginning 39 rods south of the N.E. corner of Section 7 Township 19 North of Range 6 East in Hamilton County Indiana and running thence N 87° W 80 ft. S 87 W 100 ft S 4 W 450 ft, S 20 W 450 ft S 36 W 646 ft South 16 ft S 5 W 700 ft S 12 W 900 ft S 19 W 200 ft S 28 W 1700 ft S 29 W 450 ft S 45° W 450 ft S 30 W 450 ft S 27 W 250 ft S 46 W 250 ft S 64 W 450 ft S 68 W 450 W S 36 W 450 ft S 28 W 700 ft S 40 W 260 ft S 69 W 90 ft S 44 W 56 ft S 60 W 600 ft S 33 W 400 ft S 37 W 200 ft S 22 W 400 ft S 41 W 900 ft S 38 W 900 ft S 30 W 1800 ft S 40 W 1400 ft S 30 E 250 ft S 21 W 550 ft South 100 ft

Terminate 50 rds & 40 rds south W Corner S 4 26-18-5

Also an arm to main ditch beginning 20 rods south of NE corner of SW ¼ Section 12 Township 19 North Range 5 East and run S Westerly along with the bed of the Bogart ditch 8620 ft and terminate on main ditch 80 ft below stake 136.

Below will be found a tabular statement of the depth of cut the width at bottom & top at each stake the number of cubic yards in Each section the cost per cubic yard and the cost per section of 100 ft.

Hooke Ditch

No. of Station	Depth of Cut	Width at Bottom	Width at Top	No. Cubic Yards	Cost per Cubic Yard	Cost per Section	Section.
0	3.3	2	8.6		15¢		
1	4.6	"	11.2	14	"	2 10	
2	4.9	"	11.8	16	"	2 40	
3	4.5	"	11.0	16	"	2 40	
4	5.1	"	12.2	16	"	2 40	
5	5.3	"	12.6	24	"	3 60	
6	4.7	"	11.4	15	"	2 25	
7	4.6	"	11.2	12	"	1 80	
8	3.8	"	9.6	17	"	2 55	
9	4.2	"	10.4	14	"	2 10	
10	4.9	"	10.8	18	"	2 70	
11	4.1	"	10.2	18	"	2 70	
12	4.6	"	10.2	15	"	2 25	
13	4.5	"	10.0	18	"	2 70	
14	4.9	"	10.8	16	"	2 40	
15	4.9	"	11.8	25	"	3 75	
16	4.9	"	11.8	25	"	3 75	
17	5.0	"	12.0	25	"	3 75	
18	5.0	"	12.0	20	"	3 00	
19	4.7	"	11.4	21	"	3 15	
20	4.4	"	10.8	18	"	2 70	
21	4.5	"	11.0	14	"	2 10	
22	4.8	"	11.6	22	"	3 30	
23	5.2	"	12.4	30	"	4 50	
24	4.3	"	10.6	26	"	3 90	
25	4.8	"	11.6	18	"	2 70	
26	5.2	"	12.4	30	"	4 50	
27	4.6	"	11.2	25	"	3 75	
28	4.8	"	11.6	26	"	3 90	
29	4.6	"	11.2	26	"	3 90	
30	4.7	"	11.4	22	"	3 30	
31	4.8	"	11.6	26	"	3 90	
32	4.9	"	11.8	21	15¢	3 15	
33	5.3	"	12.6	24	"	3 60	
34	5.0	3	13.0	30	"	4 50	
35	5.6	3	14.2	30	"	4 50	
36	5.3	3	13.6	35	"	5 25	
37	5.5	3	14.0	35	"	5 25	
38	5.2	3	13.4	35	"	5 25	
39	5.0	3	13.0	35	"	5 25	
40	5.0	3	13.0	40	"	6 00	
41	5.1	3	13.2	40	"	6 00	
42	6.0	3	15.0	30	"	4 50	
43	4.1	3	11.2	25	"	3 75	
44	6.2	3	15.4	25	"	3 75	
45	6.2	3	16.4	25	"	3 75	
46	5.4	3	13.8	20	"	3 00	
47	5.2	3	13.4	20	"	3 00	
48	4.6	3	12.2	20	"	3 00	
49	5.4	3	13.8	20	"	3 00	
50	5.1	3	13.2	20	"	3 00	
51	4.6	3	12.2	20	"	3 00	
52	5.2	3	13.4	20	"	3 00	
53	6.1	3	15.2	20	"	3 00	
54	6.0	3	15.0	20	"	3 00	
55	6.2	3	15.4	25	"	3 75	
56	5.9	3	14.8	25	"	3 75	
57	6.4	3	15.8	20	"	3 00	
58	6.1	3	15.2	25	"	3 75	
59	6.1	3	15.2	25	"	3 75	
60	6.4	3	15.8	25	"	3 75	
61	7.0	3	17.0	25	"	3 75	
62	6.8	3	16.6	25	"	3 75	
63	6.7	3	16.4	25	"	3 75	
64	6.3	3	15.6	25	"	3 75	

No. of Static	Depth of Cu	Width at Bot	Width at To	No. Cubic Y	Cost per Cul	Cost per	Section.
65	6.2	4	16.4	30	15¢	4	50
66	5.6	4	15.2	30	"	4	50
67	5.9	4	15.8	35	"	5	25
68	5.4	4	14.8	35	"	5	25
69	6.1	4	16.2	40	"	6	00
70	5.9	4	15.8	40	"	6	00
71	6.0	4	16.0	40	"	6	00
72	5.8	4	15.6	50	"	7	50
73	5.7	4	15.4	50	"	7	50
74	5.6	4	15.2	55	"	8	25
75	4.7	4	13.4	60	"	9	00
76	3.9	4	11.8	60	"	9	00
77	3.6	4	11.2	34	"	5	10
78	5.2	4	14.4	52	"	7	80
79	5.6	4	15.2	78	"	11	70
80	5.3	4	14.6	78	"	11	70
81	5.0	4	14.0	72	"	10	80
82	5.2	4	14.4	72	"	10	80
83	5.3	4	14.6	77	"	11	55
84	5.3	4	14.6	77	"	11	55
85	5.2	4	14.4	72	"	10	80
86	5.1	4	14.2	62	"	9	30
87	5.1	4	14.2	62	"	9	30
88	5.1	4	14.2	62	"	9	30
89	5.0	4	14.0	57	"	8	55
90	4.9	4	13.8	51	"	7	65
91	5.1	4	14.2	57	"	8	55
92	4.9	4	13.8	25	"	3	75
93	4.8	4	13.6	25	"	3	75
94	5.0	4	14.0	28	"	4	20
95	5.1	4	14.2	30	"	4	50
96	5.4	4	14.8	35	"	5	25
97	5.0	4	14.0	35	"	5	25

No. of Stati	Depth of Cl	Width at Bo	Width at To	No. Cubic Y	Cost per Cu	Cost per	Section.
98	5.1	4	14.2	40	15¢	6	00
99	4.6	4	13.2	40	"	6	00
100	5.4	4	14.8	40	"	6	00
101	4.8	4	13.6	40	"	6	00
102	5.0	4	14.0	40	"	6	00
103	4.6	4	13.2	40	"	6	00
104	5.5	4	15.0	40	"	6	00
105	5.8	4	15.6	40	"	6	00
106	5.8	4	15.6	45	"	6	75
107	5.8	4	15.6	45	"	6	75
108	6.0	4	16.0	45	"	6	75
109	6.0	4	16.0	45	"	6	75
110	5.3	4	14.6	45	"	6	75
111	6.4	4	16.8	45	"	6	75
112	6.3	4	16.6	50	"	7	50
113	7.0	4	18.0	50	"	7	50
114	5.6	4	15.2	237	"	35	55
115	5.3	4	14.6	188	"	28	20
116	5.2	4	14.4	100	"	15	00
117	5.6	4	15.2	35	"	5	25
118	5.9	4	15.8	35	"	5	25
119	5.5	4	15.0	35	"	5	25
120	5.6	4	15.2	40	"	6	00
121	6.0	4	16.0	45	"	6	75
122	5.7	4	15.4	50	"	7	50
123	6.2	4	16.4	60	"	9	00
124	7.1	4	18.2	60	"	9	00
125	5.7	4	15.4	50	"	7	50
126	6.4	4	16.8	40	"	6	00
127	6.0	4	16.0	40	"	6	00
128	5.6	4	15.2	45	"	6	75
129	4.4	4	12.8	45	"	6	75
130	4.6	4	13.2	45	"	6	75

No. of Sta	Depth of C	Width at B	Width at T	No. Cubic	Cost per C	Cost per	Section.
131	5.0	4 ft	14.0	48	15¢	7	20
132	5.5	4	15.0	50	"	7	50
133	5.3	4	14.6	50	"	7	50
134	5.7	4	15.4	50	"	7	50
135	5.4	4	14.8	75	"	11	25
136	4.7	4	13.4	116	"	17	40
137	6.1	6 ft	18.2	15	"	2	25
138	4.7	6	15.4	15	"	2	25
139	5.3	6	16.6	15	"	2	25
140	4.9	6	15.8	15	"	2	25
141	5.2	6	16.4	15	"	2	25
142	4.9	6	15.8	15	"	2	25
143	4.0	6	14.0	15	"	2	25
144	4.2	6	14.4	15	"	2	25
145	5.2	6	16.4	20	"	3	00
146	5.5	6	17.0	25	"	3	75
147	4.9	6	15.8	25	"	3	75
148	4.6	6	15.2	30	"	4	50
149	5.2	6	16.4	30	"	4	50
150	5.4	6	16.8	40	"	6	00
151	4.6	6	15.2	40	"	6	00
152	4.5	6	15.0	40	"	6	00
153	4.4	6	14.8	50	"	7	50
154	4.5	6	15.0	50	"	7	50
155	4.2	6	14.4	50	"	7	50
156	4.9	6	15.8	50	"	7	50
157	5.5	6	17.0	151	"	22	65
158	4.1	6	14.2	228	"	34	20
159	3.8	6	13.6	110	"	16	50
160	5.5	6	17.0	55	"	8	25
161	5.0	6	16.0	55	"	8	25
162	5.0	6	16.0	55	"	8	25
163	5.5	6	17.0	55	"	8	25

No. of Stati	Depth of Ci	Width at Bo	Width at To	No. Cubic Y	Cost per Cul	Cost per	Section.
164	5.2	6 ft	16.4	55	15¢	8	25
165	4.7	6	15.4	55	"	8	25
166	4.9	6	15.8	55	"	8	25
167	5.1	6	16.2	55	"	8	25
168	5.1	6	16.2	55	"	8	25
169	5.5	6	17.0	60	"	9	00
170	5.4	6	16.8	70	"	10	50
171	5.4	6	16.8	70	"	10	50
172	5.3	6	16.6	70	"	10	50
173	4.6	6	15.2	70	"	10	50
174	4.8	6	15.6	70	"	10	50
175	3.7	6	13.4	70	"	10	50
176	4.6	6	15.2	70	"	10	50
177	4.8	6	15.6	70	"	10	50
178	4.9	6	15.8	75	"	11	25
179	4.8	6	15.6	185	"	27	75
180	5.0	6	16.0	185	"	27	75
181	5.1	6	16.2	75	"	11	25
182	4.5	6	15.0	75	"	11	25
183	4.5	8 ft	17.0	75	"	11	25
184	5.0	8	18.0	75	"	11	25
185	4.6	8	17.2	60	"	9	00
186	4.3	8	16.6	50	"	7	50
187	4.5	8	17.0	45	"	6	75
188	3.8	8	15.6	45	"	6	75
189	4.0	8	16.0	45	"	6	75
190	4.2	8	16.4	45	"	6	75
191	4.7	8	17.4	203	"	30	45
192	3.9	8	15.8	196	"	29	40
193	4.4	8	16.8	185	"	27	75
194	4.0	8	16.6	98	"	14	70
195	3.5	8	15.0	40	"	6	00
196	3.8	8	15.6	40	"	6	00

No. of Station	Depth of Cut	Width at Bot	Width at Top	No. Cubic Yds	Cost per Cub	Cost per	Section.
197	4.4	8	16.8	185	15¢	27	75
198	4.8	8	17.6	214	"	32	10
199	4.7	8	17.4	221	"	33	15
200	3.7	8	15.4	190	"	28	50
201	4.3	8	16.6	89	"	13	35
202	4.6	8	17.2	43	"	6	45
203	4.4	8	16.8	50	"	7	50
204	3.9	8	15.8	50	"	7	50
205	3.8	8	15.6	50	"	7	50
206	7.0	8	22.0	50	"	7	50
207	5.7	8	19.4	50	"	7	50
208	5.5	8	19.0	50	"	7	50
209	4.6	8	17.2	50	"	7	50
210	3.6	8	15.2	92	"	13	80
211	4.5	8	17.0	150	"	22	50
212	4.0	8	16.0	180	"	27	00
213	4.1	8	16.2	150	"	22	50
214	3.8	8	15.0	50	"	7	50
215	4.9	8	17.8	60	"	9	00
216	5.4	8	18.8	60	"	9	00
217	5.0	8	18.0	65	"	9	75
218	5.2	8	18.4	60	"	9	00
219	4.6	8	17.2	60	"	9	00
220	5.7	8	19.4	65	"	9	75
221	5.4	8	18.8	65	"	9	75
222	4.9	8	17.8	60	"	9	00
223	3.6	8	15.2	60	"	9	00
224	4.7	8	17.4	54	"	8	10
225	5.3	8	18.6	50	"	7	50
226	3.9	8	15.8	50	"	7	50
227	4.5	8	17.0	50	"	7	50
228	3.5	8	15.0	50	"	7	50
229	4.0	8	16.0	50	"	7	50

No. of Station	Depth of Cut.	Width at Bott	Width at Top.	No. Cubic Yds	Cost per Cubic	Cost per	Section.
230	6.1	12	24.2	75	15¢	11	25
231	5.9	12	23.8	75	"	11	25
232	6.0	12	24.0	150	"	22	50
233	4.6	12	21.2	300	"	45	00
234	5.6	12	23.2	250	"	37	50
235	5.7	12	23.4	150	"	22	50
236	5.8	12	23.6	75	"	11	25
237	4.8	12	21.6	75	"	11	25
238	6.2	12	24.4	75	"	11	25
239	6.1	12	24.2	75	"	11	25
240	6.2	12	24.4	75	"	11	25
241	5.1	12	22.2	75	"	11	25
242		12	8.0	80	"	12	00
243	6.2	12	24.4	100	"	15	00
244	4.7	12	21.4	125	"	18	75
245	4.7	12	21.4	175	"	26	25
246	6.4	12	24.8	170	75¢	127	50
247	5.4	12	22.8	100	75¢	75	00
248	5.4	12	22.8	80	75¢	60	00
249	3.9	12	19.8	80	15¢	12	00
250	3.8	12	19.6	80	75¢	60	00
251	4.0	12	20.0	75	15¢	11	25
252	3.3	12	18.6	75	15¢	11	25
253	3.5	12	19.0	50	75¢	37	50
254	3.4	12	18.8	10	15¢	1	50
255	4.5	12	21.0	2	15¢		30

Arm of Coal [illegible] Hilton

No. of Station.	Depth of Cut.	Width at Botto	Width at Top.	No. Cubic Yar	Cost per Cubic	Cost per	Section.
0	3.1	1ft	7.2		15¢		
1	4.7	1	10.4	10	"	1	50
2	5.2	1	11.4	27	"	4	05
3	5.4	1	11.8	33	"	4	95
4	5.9	1	12.8	46	"	6	90
5	6.0	1	13.0	60	"	9	00
6	5.3	1	11.6	61	"	9	15
7	5.4	1	11.8	48	"	7	20
8	5.7	1	12.4	57	"	8	55
9	5.6	1	12.2	61	"	9	15
10	5.7	1	12.4	61	"	9	15
11	5.9	1	12.8	56	"	8	40
12	5.7	1	12.4	56	"	8	40
13	5.5	1	12.0	51	"	7	65
14	5.8	1	12.6	51	"	7	65
15	5.7	1	12.4	56	"	8	40
16	5.4	1	11.8	52	"	7	80
17	4.8	1	10.6	35	"	5	25
18	4.7	1	10.4	29	"	4	35
19	4.3	1	9.6	31	"	4	65
20	4.1	1	9.2	26	"	3	90
21	4.2	1	9.4	17	"	2	55
22	3.4	1	7.8	17	"	2	55
23	3.6	1	8.2	18	"	2	70
24	4.2	1	9.4	16	"	2	40
25	3.9	1	8.8	20	"	3	00
26	4.1	1	9.2	24	"	3	60
27	3.9	1	8.8	24	"	3	60
28	3.9	1	8.8	20	"	3	00
29	4.3	1	9.6	17	"	2	55
30	2.7	1	6.4	18	"	2	70
31	4.1	1	9.2	18	"	2	70
				1120			

No. of Station	Depth of Cut.	Width at Bott	Width at Top	No. Cubic Ya	Cost per Cubi	Cost per	Section.
32	4.1	1	9.2	17	15¢	2	55
33	4.2	1	9.4	17	"	2	55
34	4.5	1	10.0	24	"	3	60
35	5.8	1	12.6	25	"	3	75
36	6.2	1	13.4	25	"	3	75
37	6.2	1	13.4	25	"	3	75
38	6.1	1	13.2	20	"	3	00
39	5.4	1	11.8	31	"	4	65
40	5.1	2ft	12.2	29	"	4	35
41	6.3	2	14.6	35	"	5	25
42	6.6	2	15.2	35	"	5	25
43	5.8	2	13.6	35	"	5	25
44	6.1	2	14.2	35	"	5	25
45	5.7	2	13.4	35	"	5	25
46	5.4	2	12.8	35	"	5	25
47	5.5	2	13.0	35	"	5	25
48	5.6	2	13.2	36	"	5	40
49	5.1	2	12.2	36	"	5	40
50	5.1	2	12.2	34	"	5	10
51	5.2	2	12.4	34	"	5	10
52	5.0	2	12.0	34	"	5	10
53	4.9	2	11.8	34	"	5	10
54	4.8	2	11.6	35		5	25
55	5.0	2	12.0	35		5	25
56	4.8	2	11.6	35		5	25
57	4.8	2	11.6	35		5	25
58	4.4	2	10.8	35		5	25
59	4.2	2	10.4	36		5	40
60	5.3	2	12.6	36		5	40
61	5.6	2	13.2	36		5	40
62	5.1	2	12.2	36		5	40
63	5.3	2	12.6	38		5	70
64	5.8	2	13.6	38		5	70
				1061			

No. of Station.	Depth of Cut.	Width at Bottom.	Width at Top.	No. Cubic Yards.	Cost per Cubic Yard.	Cost per Section.
65	5.8	2 ft	13.6	38	15¢	5 70
66	5.6	"	13.2	38	"	5 70
67	6.0	"	14.0	38	"	5 70
68	5.7	"	13.4	38	"	5 70
69	5.3	"	12.6	35	"	5 25
70	5.4	"	12.8	35	"	5 25
71	5.7	"	13.4	34	"	5 10
72	5.7	"	13.4	34	"	5 10
73	5.4	"	12.8	34	"	5 10
74	5.9	"	13.8	34	"	5 10
75	6.0	"	14.0	34	"	5 10
76	5.7	"	13.4	68	"	10 20
77	5.8	"	13.6	72	"	10 82
78	5.7	"	13.4	72	"	10 82
79	4.3	"	10.6	40	"	6 00
80	4.9	"	11.8	32	"	4 80
				10		1 50

No. of Station.	Depth of Cut.	Width at Bottom.	Width at Top.	No. Cubic Yards.	Cost per Cubic Yard.	Cost per Section.

No cubic yards main ditch 14784
Cost of removal at 15.76 Cents $2505.60
Grubb & Clearing 200.00
Cost of main ditch 2705.60
No cu yards Arm 2863
Cost of removal at 15¢ 429.45
Total Cost of ditch $3135.05

The fall in Main ditch is as follows:

0 to 81 is 12/100 to hundred = 6 1/3 ft per mile
81 " 101 " 10/100 " " = 5 1/4 " " "
101 " 131 " 18/100 " " = 9 1/2 " " "
131 " 137 " 9/100 " " = 4 3/4 " " "
137 " 229 " 8/100 " " = 4 1/4 " " "
229 " 255 " 4/100 " " = 2 1/10 " " "

Fall in arm 0 to 20 = 10/100 per hundred feet 20 to 80 9/100

Width in Bottom Main ditch
0 to 34 = 2 ft in bottom 34 to 65 = 3 ft in Bottom
65 " 137 = 4 " " " 137 " 183 = 6 " " "
183 " 230 = 8 " " " 230 " 255 = 12 " " "

Arm 0 to 40 = 1 ft in Bottom
40 " 80 = 2 " " "

We further specify that the banks of said ditch be cut smooth and of uniform slope and the earth excivated therefrom be deposited not nearer than two feet from the top of banks and said slope back and away from said ditch. The trees at Fishersburg road shall be cut to a width of at least 25 ft and the water gap between James Dare & Beatty Custer shall be removed

We would further show that the following named persons are entitled to fees

S B Wells paid to hands	$28.50
E. B. Cottingham	10.00

We claim services as Engineer & Commissioners of Drainage as follows towit

S B Wells Commissioner	16 da	$ 48.00
J. M. McMullan "	13 da	$ 39.00
E. B. Cottingham "	8 da	$ 24.00
E. B. Cottingham Engineer	8 "	$ 40.00

E B Cottingham
James A. McMullan
S B Wells

Commissioners of Drainage

STATE OF INDIANA,
Hamilton County, } ss:

We, the undersigned, Commissioners of Drainage, swear that we have each personally examined each tract of land assessed for benefits and damages and the whole route of the proposed work, and that such drain is of sufficient capacity to carry, without overflowing, all the water which flows or should flow along such route, that no other lands than those described in this report will be either benefitted or damaged by the construction of the proposed work, and that all the statements therein are true and correct, and that all assessments of benefits and injuries set forth therein are correct, just, fair and equitable to all parties concerned, as we verily believe.

E. F. Cottingham
James N. McClellan
S. B. Wells
} Commissioners.

Subscribed and sworn to by said Commissioners, this 20 *day of* November, *188*6. *before me.*

W. H. Cowell
Clerk Circuit Court.

(Form No. 531.)

REPORT OF COMMISSIONERS.

To the Honorable Judge of the Hamilton Circuit Court:

The undersigned, Commissioners of Drainage, to whom was referred the petition of Wm Lock John W McClintick (Nelson Edwards) *for the drainage of* S.W. 1/4 & N.E 1/4 & pt N.W. 1/4 & pt S.E. 1/4 Sec 7 T 19 R 6 & pt N W 1/4 Sec. 18 & pt N.E 1/4 Sec 18 & 40 acres out of the N.W. corner S.E 1/4 & N.E. corner S.E 1/4 Sec 18 T 19 North R 6 East

in Hamilton *County, respectfully report that they have inspected personally all the lands described in said petition, and all other lands liable to be affected by the construction of the proposed work, and are of the* improve the public health of that vicinity will be of public utility, will benefit six public highways, and that the same can be constructed at an expense less than the aggregate benefits to the lands to be effected thereby and after causing the necessary survey and examinations to be made are of the opinion that the method of drainage should be as follows

(See third page this report)

They estimate the cost of constructing the work at $3135.05 *dollars. They further report that they have estimated the benefits and injury*

to the several tracts of land which will be affected by the work, as follows:

OWNERS.	DESCRIPTION.	S.	T.	R.	Acres.	Injury.	Benefit.
Wm H. Castor & Sarah McKinsey	W. N.W. S.W.	24	19	5	20		$106.00
" "	N.W. N.E.	24	19	5	40		159.00
" "	S.W. N.E.	24	19	5	40		27.00
" "	N.E. N.W.	24	19	5	40		133.00
" " Doctor	N.W. S.W.	7	19	6	40		88.00
" "	N.E. S.W.	7	19	6	40		37.00
" "	S.E. S.W.	7	19	6	40		80.00
" "	S.W. S.E.	7	19	6	40		69.00
" " pt	N.W. S.E. Begin N.E. corner said tract S 49 rd W 98 rd N 8 rd W 10 rd N 22 rd W 98 rd N 16 rd E 56 rods	7	19	6	38		106.00
" "	S.E. N.W.	7	19	6	40		30.00
" "	N.W. N.W.	18	19	6	40		10.00
" " pt	S.W¼ N.E¼ Begin N.W. corner said tract E 25.6 S 1°-14 80 rd. W 2.4 N 80 rods to beginning.	7	19	6	12		30.00
" " pt	N.W¼ N.E¼ Begin N.W. corner said tract 880 rd. E 226 rd. N 80 rd W 226 rd to beginning	18	19	6	13		15.00
" " pt	N.W. Begin S.E. cor N.E qr section thence N 130 rd W 21°-14 S 21° W 29.00 S 30° W 89-21, S 69 E 36 E 41 rods 12 links	18	19	6	36¾		85.00

All of which is respectfully submitted.

Such Costs &c.
E M Thompson 22

Commissioners.

Report of Viewers of ~~Apportionment for Keeping in Repair the~~ DRAIN Lock Ditch

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	Acres Benefited Acres	Hund.	Amount of Benefits Dols.	Cts.	ORIGIN Width at Top

State of Indiana } SS
Hamilton County }

In the Matter of the petition to repair the Lock Ditch.

Report of Commissioners and Engineer.

To the Honorable Judge
of Hamilton Circuit Court.

We the undersigned Commissioners of Drainage & Engineer, to whom was referred the above entitled petition for Drainage of certain lands, in White River, and Wayne Townships in Hamilton County, Indiana, and effecting other lands, would respectfully report that we met, on the

13th day of June 1918,

on the line of said proposed Drain, qualified, and proceeded to view and lay out said Drain and view the lands affected thereby.

That said drainage is practicable, that the same when completed will improve the sanitary condition of the

of Hamilton Circuit Court.

We the undersigned Commissioners of Drainage & Engineer, to whom was referred the above entitled petition for Drainage of certain lands, in White River, and Wayne Townships in Hamilton County, Indiana, and effecting other lands, would respectfully report that we met, on the

13th day of June 1918,

on the line of said proposed Drain, qualified and proceeded to view and lay out said Drain and view the lands effected thereby.

That said drainage is practicable, that the same when completed will improve the public health, will reclaim certain lands, and will be of public utility.

Also that the cost of construction & repair, damages & expenses of effecting said proposed Drain, will be less than the benefits to the lands effected thereby.

That we definately determined the best and cheapest method of effecting the drainage of said lands.

We have fixed the route, location, and character of said proposed work and fixed the same by metes & bounds, courses, distances and description, grades, and bench marks, so as to provide for complete outlet and drainage

Also that the cost of construction & Repair, damages & expenses of effecting said proposed Drain, will be less than the benefits to the lands effected Thereby.

That we definately determined the best and cheapest method of effecting the drainage of said lands.

We have fixed the route, location, and character of said proposed work and fixed the same by metes & bounds, courses, distances and description guides, and bench Marks, so as to provide for complete out let and drainage of the lands to be effected by the proposed work.

That we have divided the Drain into Sections of not more than 100 feet, and numbered from Station 0 to Station 314, and we have assessed the benefits, and damages as they may be to each seperate Tract of land, To corporation and Township effected.

That we have fixed the beginning and outlet, so as To secure the best results, and we have run the line of said Ditch, so as to obtain the best results, and cause the least injury To the lands effected.

Ditch, by J. S Shannon County Surveyor, June 13- 1914.

Amount of Benefits Dols.	Cts.	ORIGINAL SPECIFICATIONS Width at Top	Depth of Cut	Width at Bottom	DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

Location.

Said Drain To begin at a point 646 feet South of The North east corner of Section 7, Township 19 North, Range 6 East, and run Thence N 88° W to Station 8; Thence S 86° 30' W to Station 15+10 feet; Thence S 4° W to Station 20; Thence S 20° 30' W to Station 24+5 feet; Thence S 70° W to Station 30+50 Feet; Thence S to Station 41; Thence S 2° 30' W to Station 45; Thence S 7° 30' W to Station 50; Thence S. 17° W to Station 60; Thence 18° W to Station 78; Thence S 28° 30' W to Station 92; Thence S 59° 30' W to Station 94; Thence S 54° 30' W to Station 103; Thence S 50° W to Station 111; Thence S 15° W To Station 113; Thence S 54° W to Station 116; Thence S 63° 30' W to Station 128+50 feet; Thence S 69° W to Station 135; Thence S 36° W to Station 145; Thence S 22° 30' W to Station 158; Thence S 50° W to Station 160; Thence S 39° W to Station 179+50 feet; Thence S 60° E to Station 187; Thence S 29° W to Station 199; Thence S 40° W to Station 213; Thence S 29° W to

Thence S. 17° W to Station 60; Thence 18° W to Station 78; Thence S 28°30' W to Station 92; Thence S 59°30' W to Station 94; Thence S 54°30' W to Station 103; Thence S 50° W to Station 111; Thence S 15° W To Station 113; Thence S 54° W to Station 116; Thence S 63°30' W to Station 128+50 feet; Thence S 69° W to Station 135; Thence S 36° W to Station 145; Thence S 22°30' W to Station 158; Thence S 50° W to Station 160; Thence S 39° W to Station 179+50 feet; Thence S 60° E to Station 187; Thence S 29° W to Station 199; Thence S 40° W to Station 213; Thence S 29° W to Station 237+50; Thence S 38°30' W to Station 243+50 feet; Thence S 19° W to Station 246+35 feet; Thence S 2°30' E To Station 249; Thence S 21°30' W to Station 252+50 feet; Thence S 36° W to Station 255; Thence S to Station 265+50 feet; Thence S 54° E to Station 268+50 feet; Thence S 10° E to Station 273; Thence South to Station 284; Thence S 40° W to Station 285; Thence S 30° W to Station 286; Thence S 41° W to Station 291; Thence S 54° W to Station 295; Thence S 61° W to Station 296; Thence S 73° W to Station 298; Thence S 85° W to Station 308+50 feet; Thence S 68° W to Station 304+30 feet; Thence S 14° W to Station 310; Thence S 7° W to Station 314; and terminating at a point in the channel of Stony Creek, where it

Thence S 36° W to Station 255; Thence S to Station 265+50 feet; Thence S 54° E to Station 268+50 feet; Thence S 10° E to Station 273; Thence South to Station 284; Thence S 40° W to Station 285; Thence S 30° W to Station 286; Thence S 41° W to Station 291; Thence S 54° W to Station 295; Thence S 61° W to Station 296; Thence S 73° W to Station 298; Thence S 85° W to Station 308+50 feet; Thence S 68° W to Station 304+30 feet; Thence S 14° W to Station 310; Thence S 7° W to Station 314; and terminating at a point in the channel of Stony Creek, where it is crossed by the Central Indiana Rail Road, in the North-west Quarter of the South-west Quarter of Section 35; Township 19 North, Range 5 East.

Said Drain to be constructed by excavating all the earth, mud, slush, boulders, rocks and stone from the bed of said ditch, to the depth and width shown on the tabulated statements of cuts & widths.

Said tabulated Statement is hereby made a part of this report.

Apportionment for Keeping in Repair the Ditch Continued

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	ACRES BENEFITED Acres	Hund.	AMOUNT OF BENEFITS Dols.	Cts.	ORIG Width at Top

All materials excavated shall be removed to a point not nearer than two feet from the brinks of the banks meaning the lines as indicated by the slope with the general elevation of the ground.

And where the Ditch crosses the old Channel, the earth excavated from the New Ditch, shall be used to make a levee on the lower side of the line of ditch across said old channel, to prevent overflow from new channel down the old channel.

Said levees shall be made by the contractor, and shall be to the heigh of two feet above the natural ground of the abutting banks of said new Ditch, and four feet wide on top.

Said Ditch shall be cut true to the lines of widths, and grades given by this report, and shall have side slopes 1 to 1 or 45 degrees

Earth Excavated from the New Ditch, shall be used to make a levee on the lower side of the line of ditch across said old channel, to prevent overflow from new channel down the old channel.

Said levees shall be made by the contractor, and shall be to the heigh of two feet above the natural ground of the abutting banks of said new Ditch, and four feet wide on top.

Said Ditch shall be cut true to the line of widths, and grades given by this report, and shall have side slopes 1 To 1 or 45 Degrees

All Trees, Stumps, briars, and weeds to be cut, grubbed and removed from The banks for a distance of two rods on each side from the center of The Ditch.

The fall of the established grade is 13/100 feet per 100 feet from Station 0 to Station 70, and 14/100 feet per 100 feet from Station 70 to Station 100, and is 25/100 feet per 100 feet from Station 100 to Station 112, and is 15/100 feet per 100 feet from Station 112 to Station 136, and is 8/100 feet per 100 feet from Station 136, To Station 230, and is 7/100 feet per 100 feet from Station 230 to Station 314 or Terminus.

roads on each side from the center of the Ditch.

The fall of the established grade is 13/100 feet per 100 feet from Station 0 to Station 70, and 14/100 feet per 100 feet from Station 70 to Station 100, and is 25/100 feet per 100 feet from Station 100 to Station 112, and is 15/100 feet per 100 feet from Station 112 to Station 136, and is 8/100 feet per 100 feet from Station 136, To Station 230, and is 9/100 feet per 100 feet from Station 230 to Station 314 or Terminus.

Also an Arm — designated as Arm No. 1.

Beginning at a point 1300 feet west, and 15 feet North of the Northeast corner of the South half of the South-east quarter of Section 12, Township 19 North, Range 5 East, at Station 17+60 feet on the original arm to said Ditch, run Thence S 18° W to Station 20+50 feet; Thence S 15° W to Station 24; Thence S 25° W to Station 28; Thence S 18° W. to Station 29; Thence S 6°30' W to Station 33; Thence S 5° E to Station 40; Thence S 2°45' W to Sta 80+20 feet; and Terminating in the main Ditch at Station 137+50 feet.

The fall of the established grade to said Arm is 14/100 feet per 100 feet for the entire length.

The
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Ditch, by J. S. Shannon County Surveyor, 19

Acres Benefited. Acres Hund.	Amount of Benefits Dols. Cts.	Original Specifications: Width at Top	Depth of Cut	Width at Bottom	Description of the manner in which the work shall be done
					Said Arm to consist of One Row of 15" tile from Station 17+60 feet, to Station 38+56 feet, and one row of 22" tile from Station 38+56 feet, to Station 80+20 feet or Terminus,
					At Station 17+60 feet shall be constructed a concrete Box 3'X3' X3' with walls and bottom 4" in Thickness, and to be covered with a concrete slab 3'8" X 3'8" and 4" Thick. Said Box to receive the different tiles at their proper grades.
					At Station 38+56 feet There shall be constructed a Concrete Box same as at Station 17+60 feet.
					At Terminus, there shall be constructed a concrete 22" diameter Flume, 20 Feet in length, and with walls 3" thick.
					Around and over the outer end of said Flume shall be built rip rap of boulders, nigger heads or field rock to the amount of 3 perch.
					Also an Arm — designated as Arm No. 1. to Arm No. 1.
					Beginning at a point 342 feet west of the North-east corner

Box same as at Station 17+60 feet.

At Terminus, there shall be constructed a concrete 22" diameter Flume, 20 Feet in length, and with walls 3" thick. Around and over the outer end of said Flume shall be built rip rap of boulders, nigger heads or field rock to the amount of 3 perch.

Also an Arm – designated as Arm No.1. to Arm No.1.

Beginning at a point 342 feet west of the North-east corner of the West half of the South-west quarter of Section 12, Township 19 North, Range 5 East at Station 0, Thence S 2°30' W to Station 9; Thence S 8°30' E to Station 9+77 Ft; Thence S 58° E to Station 13+50 Feet; Thence S 52° E to Station 23; Thence S 29° E To Station 23+50 feet; Thence S 12° W to Station 24; Thence S 17°30' W to Station 27; Thence S 18° E to Station 29; Thence S 7° E to Station 32+29 Feet; Thence S 39° E to Station 35; Thence S 63°30' E to Station 36+40 feet; Thence S 50° E to Station 41+83 Feet; Thence N 86° E to Station 49+35 Feet; Thence S 54° E to Station 50, and terminates in Arm No.1. at Station 38+56 Feet.

Said Arm to consist of one row of 8" tile from Station 0 to Station 9+77 Feet, one row of 10" tile from Station 9+77

Thence S 58° E to Station 13+50 Feet; Thence S 52° E to Station 23; Thence S 24° E To Station 23+50 feet; Thence S 12° W To Station 24; Thence S 17°30' W to Station 27; Thence S 18° E to Station 29; Thence S 7° E to Station 32+29 Feet; Thence S 39° E to Station 35; Thence S 63°30' E to Station 36+40 feet; Thence S 50° E to Station 41+83 Feet; Thence N 86° E to Station 49+35 Feet; Thence S 54° E to Station 50, and terminates in Conn No. 1, at Station 38+56 Feet,

Said conn to consist of 1 row of 8" tile from Station 0 to Station 9+77 Feet, one row of 10" tile from Station 9+77 to Station 15, and one row of 14" tile from Station 15 to Station 50,

At Station 9+77 Feet, there shall be installed a 8"x 8"x10" V-branch vitrified Tile.

At Station 15 there shall be constructed a catch Basin 3'x 3'x 4'6" with walls 4" thick, and covered with a perforated lid 3'8"x 3'8" and 4" Thick made of concrete.

Said lid to be reinforced with ½" corogated steel placed 6" on center each way.

1920 DLL-7 Pc. 39-205 Ditch Bottom Spec.

Apportionment for Keeping in Repair the Continued Ditch,

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	Acres Benefited Acres	Hund.	Amount of Benefits Dols.	Cts.	ORIGINAL Width at Top

In the tile portion of these drains, the ditch to be dug along one side of the line of Survey stakes, and sufficient distance from, to not disturb the stakes, and shall be cut in a straight and neat manner. On taking out the last draft the blade of the spade must not go deeper than the grade line.

The ditch must be cut accurately and truly to grade at the depths indicated by the figures given by the Engineer, measured from the grade stakes.

The laying of the tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable, and in line, free from irregular crooks, the piece being turned about until the upper side closes unless there is sand or fine silt which which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with balls, or other suitable material.

at the depths indicated by the figures given by the Engineer, measured from the grade Stakes.

The laying of the tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable, and in lines, free from irregular crooks, the piece being turned about until the upper side closes unless there is sand or fine silt which which is likely to run into the tile, in which cases the lower edge must be laid close and the upper side covered with bats, or other suitable material.

When making turns or by other unavoidable reason, a crack of ¼ inch or more is necessarily left, it must be securely covered with broken pieces of tile, or by other indestructable material.

Junctions with branch lines must be carefully and securely made. After the tile has been laid and inspected by the engineer or his representation, they must be covered with earth excavated from the trench or borrowed clay or soil, where said trench does not afford sufficient material. The filling shall be to the full depth of the trench in no case less than two feet in depth over the tile in no case and work not

broken pieces of tile, or by other indestructable material.

Junctions with branch lines must be carefully and securely made. After the tile has been laid and inspected by the engineer or his representation, they must be covered with earth excavated from the trench or borrowed clay or soil, when said trench does not afford sufficient material. The filling shall be to the full depth of the trench in no case less than two feet in depth over the tile in new cut. And where said ditch is in an open channel the filling shall be to a depth of not less than two feet above the top of the Tile, for the full width of said channel. In no case must the Tile be covered with sand without other material being first used, and in no case will boulders, or heavy rock be allowed in the filling that may in time come in contact with the tile, and the Contractor must assume all risks from caving-in of the Ditch, and when each Drain is completed, it must be free from sand and mud before it will be recieved and paid for in full.

In case it is found impractable, by reason of bad weather, or unavoidable for trouble in digging the Ditch,

Ditch, by J. S. Shannon County Surveyor, 1920

Amount of Benefits Dols.	Cts.	ORIGINAL SPECIFICATIONS Width at Top	Depth of Cut	Width at Bottom	DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

or properly laying the tile, to complete the work at the time specified in the Contract, the time may be extended, as may be mutely agreed upon by the Engineer and Contractor.

The contractor shall use all necessary precaution to secure his work from injury while he is constructing the Drain.

All tile and other material used in the construction of Drain and its Tributaries thereto, included in the requirements of these specifications, shall be first Class in every respect and subject to ridged inspections by the Engineer.

The work will be staked out by the Engineer, and his stakes must be carefully preserved.

The Engineer shall have authority to lay out and direct the work, and inspect and supervise the same during construction and completion, to see that it is properly done in

requirements of these specifications, shall be first class in every respect and subject to ridged inspection by the Engineer.

The work will be staked out by the Engineer, and his stakes must be carefully preserved.

The Engineer shall have authority to lay out and direct the work, and inspect and supervise the same during construction and completion, to see that it is properly done in accordance with the Specifications and contract, and his instructions shall be fully carried out.

The bridges spanning these Drains must not be molested in any way.

The fences if necessary to be removed same in the process constructing said Drain, must be replaced and braced sufficiently to leave them in as good condition as they were before removal.

Concrete Work.

Unless otherwise specified all concrete work included in these specifications shall be a mixture of 1-2-3, one part Portland Cement, two parts sand

The fences if necessary to be removed same in the process constructing said Drain, must be replaced and braced sufficiently to leave them in as good condition as they were before removal.

Concrete Work,

Unless otherwise specified all concrete work included in these specifications shall be a mixture of 1-2-3, one part Portland Cement, two parts sand and three parts gravel. The sand & gravel to be free from dirt, loam, and other foreign matter.

The Cement, sand, and gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar and be immediately placed in the forms for moulding the concrete into shape.

The forms for all concrete work to be neatly constructed from strong Materials, and shall be true to the lines dimensions, and shape given for the different structures.