

APPENDIX 9.1
CITY OF LUCAS
EXISTING DRAINAGE FACILITIES

CON = Reinforced Concrete Pipe
 CMP = Corrugated Metal Pipe
 CIP - Cast Iron Pipe
 CH - Channel
 BR - Bridge

<u>Number</u>	<u>Size</u>	<u>Length</u>	<u>Type</u>	<u>Headwall</u>	<u>Water</u>	<u>Weeds</u>	<u>Plugged</u>	<u>Crushed</u>	<u>Comment</u>
1	32	100	CON	Yes	No	No	No	No	(2 facilities)
2	32	60	CON	Yes	No	No	No	No	(3 facilities)
3	24	60	CON	Yes	No	No	No	No	(3 facilities)
4	32	60	CON	Yes	No	No	No	No	(2 facilities)
5	32	60	CON	Yes	No	No	No	No	(2 facilities)
6	9' x 3'	40	CON	Yes	No	No	No	No	
7	9' x 3'	40	CON	Yes	No	No	No	No	
8	32	40	CON	Yes	No	No	No	No	(2 facilities)
9	18	40	CON	Yes	No	No	No	No	(2 facilities)
10	32	30	CMP	No	No	No	No	Yes	
11	32	40	CON	Yes	No	No	No	No	
12	24	40	CON	Yes	Yes	No	No	No	(3 facilities)
13	18	30	CMP	No	No	No	Yes	Yes	
14	36	50	CON	No	No	Yes	No	No	
15	36	30	CON	No	Yes	Yes	No	No	
16	24	30	CMP	No	Yes	Yes	No	No	
17	32	30	CMP	No	Yes	No	Yes	No	
18	80	40	CIP	Yes	Yes	No	No	No	(2 facilities)
19	32	30	CMP	No	Yes	Yes	No	No	
20	24	30	CMP	No	No	No	Yes	No	
21	24	40	CMP	Yes	No	No	No	No	
22	18	30	CMP	No	No	Yes	No	No	
23	24	60	CON	No	No	No	No	No	
24	18	60	CON	No	No	No	No	No	
25	9' x 6'	40	CON	Yes	No	No	No	No	
26	32	30	CMP	No	No	No	No	No	
27	32	40	CMP	No	No	No	No	Yes	

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Item #	Facility Type	Material	Length (ft)	Width (ft)	Flow Direction	Structure	Access	Flow Direction	Notes
28	BR - Bridge	Reinforced Concrete	24		No	CMP	No	No	
29	CIP - Cast Iron Pipe	Corrugated Metal	24		No	CMP	No	No	
30	CH - Channel		24		No	CON	No	No	
31	CIP - Cast Iron Pipe		24		No	CMP	No	No	
32	CH - Channel	9' x 6'	30		Yes	CON	Yes	No	
33	CH - Channel		24		No	CON	No	Yes	
34	BR - Bridge		18		Yes	CON	No	No	
35	BR - Bridge		72		Yes	CON	No	No	
36	BR - Bridge		24		Yes	CON	No	Yes	
37	BR - Bridge		24		No	CON	No	No	
38	BR - Bridge		24		No	CON	No	No	
39	BR - Bridge		24		No	CON	Yes	No	
40	BR - Bridge		24		No	CON	Yes	No	
41	BR - Bridge		24		No	CON	Yes	No	
42	BR - Bridge		42		No	CMP	No	No	
43	BR - Bridge		30		No	CON	Yes	No	
44	BR - Bridge		24		No	CMP	No	No	
45	BR - Bridge		18		No	CON	No	No	
46	BR - Bridge		24		Yes	CON	No	No	(3 facilities)
47	BR - Bridge		18		Yes	CON	No	No	
48	BR - Bridge		24		Yes	CON	No	No	
49	BR - Bridge		24		Yes	CON	No	No	
50	BR - Bridge		24		Yes	CON	No	No	
51	BR - Bridge		18		Yes	CON	No	No	
52	BR - Bridge		36		No	CON	No	No	(2 facilities)
53	BR - Bridge		72		No	CIP	No	No	
54	BR - Bridge		36		No	CON	No	No	Box on one end
55	BR - Bridge		42		No	CON	No	No	
56	BR - Bridge		36		No	CMP	No	No	
57	BR - Bridge		36		No	CMP	No	No	

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Facility ID	Facility Type	Length (ft)	Depth (ft)	Material	Condition	Flow	Access	Structure	Notes
58	BR - Bridge	24	30	CON	No	No	No	No	No
59	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	No
60	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	No
61	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	Yes
62	CIP - Cast Iron Pipe	36	30	CMP	No	No	No	No	No
63	CIP - Cast Iron Pipe	24	30	CMP	No	No	Yes	No	Yes
64	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	Yes
65	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	Yes
66	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	Yes
67	CIP - Cast Iron Pipe	24	30	CON	Yes	Yes	No	No	No
68	CIP - Cast Iron Pipe	12' x 8'	60	CON	Yes	Yes	No	No	No
69	CIP - Cast Iron Pipe	18	30	CON	No	No	No	No	No
70	CIP - Cast Iron Pipe	36	40	CON	Yes	Yes	No	No	No
71	CIP - Cast Iron Pipe	18	30	CON	No	No	No	No	No
72	CIP - Cast Iron Pipe	18	24	CON	No	No	No	No	No
73	CIP - Cast Iron Pipe	18	24	CON	No	No	No	No	No
74	CIP - Cast Iron Pipe	18	24	CON	No	No	No	Yes	No
75	CIP - Cast Iron Pipe	60	30	CON	No	No	No	No	No
76	CIP - Cast Iron Pipe	12	24	CON	No	No	No	Yes	No
77	CIP - Cast Iron Pipe	24	50	CON	No	No	No	No	No
78	CIP - Cast Iron Pipe	18	30	CON	No	No	Yes	No	(2 facilities)
79	CIP - Cast Iron Pipe	36	30	CON	No	No	No	No	(2 facilities)
80	CIP - Cast Iron Pipe	24	30	CMP	Yes	Yes	No	No	
81	CIP - Cast Iron Pipe	24	30	CON	Yes	Yes	No	No	
82	CIP - Cast Iron Pipe	18	24	CON	No	No	Yes	No	
83	CIP - Cast Iron Pipe	18	40	CON	No	No	No	No	
84	CIP - Cast Iron Pipe	18	24	CON	No	No	No	No	
85	CIP - Cast Iron Pipe	42	30	CON	No	No	No	No	
86	CIP - Cast Iron Pipe	24	30	CON	No	No	No	No	(2 facilities)
87	CIP - Cast Iron Pipe	24	30	CMP	No	No	No	No	

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Facility ID	Facility Type	Length (ft)	Depth (ft)	Material	Condition	Flow	Access	Notes
88	BR - Bridge	24		CMP	Yes	No	No	
89	CIP - Cast Iron Pipe	27		CON	Yes	No	No	(3 facilities)
90	CH - Channel	12'		CH	No	No	No	
91	CIP - Cast Iron Pipe	24		CON	Yes	No	No	
92	CH - Channel	12'		CH	No	No	No	
93	CIP - Cast Iron Pipe	24		CON	Yes	No	No	(3 facilities)
94	CH - Channel	24		CON	Yes	No	No	(3 facilities)
95	CH - Channel	12'		CH	No	No	No	
96	CIP - Cast Iron Pipe	8' x 3'		CON	Yes	No	No	(2 facilities)
97	CIP - Cast Iron Pipe	24		CMP	No	No	No	
98	CIP - Cast Iron Pipe	36		CMP	No	No	No	
99	CIP - Cast Iron Pipe	42		CMP	No	No	No	(2 facilities)
100	CIP - Cast Iron Pipe	24		CON	Yes	No	No	
101	CIP - Cast Iron Pipe	24		CON	Yes	No	No	
102	CIP - Cast Iron Pipe	24		CON	Yes	No	No	
103	CIP - Cast Iron Pipe	24		CON	Yes	No	No	(2 facilities)
104	CIP - Cast Iron Pipe	24		CON	Yes	No	No	(2 facilities)
105	CIP - Cast Iron Pipe	24		CON	Yes	No	No	
106	CIP - Cast Iron Pipe	24		CMP	Yes	No	No	(2 facilities)
107	CIP - Cast Iron Pipe	20		CMP	Yes	No	No	
108	CIP - Cast Iron Pipe	30		CMP	Yes	No	No	
109	CIP - Cast Iron Pipe	27		CMP	Yes	No	No	
110	CIP - Cast Iron Pipe	18		CMP	Yes	No	No	
111	CIP - Cast Iron Pipe	48		CMP	Yes	No	No	
112	CIP - Cast Iron Pipe	24		CON	No	No	Yes	
113	CIP - Cast Iron Pipe	24		CON	No	No	Yes	
114	CIP - Cast Iron Pipe	24		CON	No	No	No	
115	CIP - Cast Iron Pipe	24		CON	No	No	No	
116	CIP - Cast Iron Pipe	24		CON	No	No	No	
117	CIP - Cast Iron Pipe	72		CMP	No	Yes	No	

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Facility ID	Material	Length	Structure	Flow Direction	Flow Control	Flow Restriction	Flow Obstruction	Flow Blockage	Flow Debris	Flow Sediment	Flow Erosion	Flow Damage	Flow Hazard	Flow Risk	Flow Impact	Flow Mitigation	Flow Notes
118	CON = Reinforced Concrete Pipe	18	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
119	CMP = Corrugated Metal Pipe	18	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No
120	CIP - Cast Iron Pipe	85	BR	No	No	No	No	No	No	No	No	No	No	No	No	No	No
121	CH - Channel	36	CMP	No	Yes	No	No	No	No	No	No	No	No	No	No	No	Yes
122	BR - Bridge	24	CMP	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No
123		24	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
124		12	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
125		48	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
126		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
127		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
128		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
129		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes
130		24	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	No
131		24	CMP	No	No	No	No	No	No	Yes	No	No	No	No	No	No	(2 facilities)
132		24	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
133		24	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
134		124	BR	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
135		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
136		18	CON	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
137		75	BR	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
138		24	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
139		30	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
140		42	CMP	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
141		18	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
142		18	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
143		24	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
144		24	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
145		24	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
146		24	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
147		24	CON	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)

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EXISTING DRAINAGE FACILITIES

Facility ID	Facility Type	Length (ft)	Material	Year	Inspected	Condition	Notes
148	CON	24	Reinforced Concrete Pipe	40	Yes	No	
149	CON	24	Corrugated Metal Pipe	40	Yes	No	
150	CON	24	Cast Iron Pipe	40	Yes	No	
151	CON	18	Channel	24	Yes	No	
152	CON	18	Channel	24	Yes	No	
153	CON	36	Channel	30	Yes	No	
154	CON	24	Channel	30	Yes	No	
155	BR	40	Bridge	40	No	No	
156	CON	24	Reinforced Concrete Pipe	40	No	No	
157	CIP	24	Cast Iron Pipe	30	No	Yes	
158	CMP	36	Corrugated Metal Pipe	40	No	No	
159	BR	40	Bridge	40	No	No	
160	CON	24	Reinforced Concrete Pipe	30	No	No	
161	CON	24	Reinforced Concrete Pipe	40	No	No	
162	CON	4' x 2'	Reinforced Concrete Pipe	50	Yes	No	(2 facilities)
163	CON	24	Reinforced Concrete Pipe	50	Yes	No	(2 facilities)
164	CON	24	Reinforced Concrete Pipe	30	Yes	No	
165	CON	24	Reinforced Concrete Pipe	50	Yes	No	(4 facilities)
166	CMP	0.8571429	Corrugated Metal Pipe	50	Yes	No	(2/3 facilities)
167	CON	12' x 6'	Reinforced Concrete Pipe	30	Yes	Yes	
168	CON	24	Reinforced Concrete Pipe	40	No	No	
169	CON	18	Reinforced Concrete Pipe	40	No	Yes	
170	CON	48	Reinforced Concrete Pipe	30	Yes	Yes	(8 facilities)
171	CON	24	Reinforced Concrete Pipe	30	No	No	
172	CMP	24	Corrugated Metal Pipe	30	No	No	(2 facilities)
173	CMP	24	Corrugated Metal Pipe	24	No	No	(2 facilities)
174	CON	18	Reinforced Concrete Pipe	24	No	No	
175	CON	18	Reinforced Concrete Pipe	24	No	No	
176	CON	18	Reinforced Concrete Pipe	24	No	No	
177	CON	42	Reinforced Concrete Pipe	30	Yes	Yes	(2 facilities)

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Facility ID	Facility Type	Length	Width	Material	Flow Direction	Flow Type	Flow Control	Flow Type	Flow Control	Flow Type	Flow Control	Flow Type	Flow Control	Flow Type	Flow Control	Flow Type	Flow Control	Flow Type	Flow Control	
178	CON	72		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
179	CMP	42		Corrugated Metal Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
180	BR	24		Cast Iron Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
181	CMP	36		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
182	CON	30	6' x 6'	Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
183	CMP	60		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
184	CON	30		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
185	BR	50		Cast Iron Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(2 facilities)
186	CMP	30		Corrugated Metal Pipe	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
187	CON	24		Reinforced Concrete Pipe	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
188	CON	30		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
189	CON	24		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
190	CMP	24		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
191	CON	18		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
192	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
193	CON	24		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
194	CON	30		Reinforced Concrete Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
195	CON	30		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
196	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
197	CMP	24		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
198	CMP	96		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
199	CMP	42		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
200	CMP	48		Corrugated Metal Pipe	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
201	CMP	18		Corrugated Metal Pipe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
202	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
203	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
204	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
205	CON	24		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
206	CON	48		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	(3 facilities)
207	CON	36		Reinforced Concrete Pipe	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	Box on one end

