

Appendix E

Orleans County Flood Mitigation Sites

Stream Segment ID*	Town	Number of Houses affected:	Floods Road?	Average flood events per year:	Damage to crops?	Priority Ranking:	Comments From Highway Department	Federal Wetland?	NY Freshwater Wetland?	Stream Classification:	Coastal Zone?	Agricultural District?	Historically sensitive area?	100 Year Flood Zone?	Notes and Recommendations
PRIORITY RANK 1 SITES															
2	Murray	0	Y	1	N	1	beaver problem	Y	Y	C	N	N	N	Y	High Priority Site: Raise Fancher Rd, eliminate beaver activity
3	Murray	0	Y	1	N	1	beaver problem	Y	Y	C	N	N	N	Y	High Priority Site: Raise Fancher Rd, eliminate beaver activity
8	Shelby	1	N	1	N	1		Y	N	C	N	Y	N	Y	Remove fallen trees from channel
9	Shelby	2	Y	1	N	1		Y	N	C	N	Y	N	Y	Remove fallen trees from channel
11	Albion	1	Y	1	Y	1		Y	N	C	N	Y	N	Y	High Priority Site: Channel likely to need cleaning, bank stabilization
12	Albion	1	Y	1	Y	1		Y	N	C	N	Y	N	Y	High Priority Site: some woody debris can be removed, more intrusive work likely
13	Albion	1	Y	1	Y	1		Y	N	C	N	Y	N	Y	High Priority Site: woody debris and living vegetation, cleaning, re-grading possible
16	Yates	20	Y	1	Y	1		Y	N	C	N	Y	N	Y	Remove log jam between Millers Rd. and Marshall Rd.
17	Clarendon	0	Y	1	N	1		Y	Y	C	N	Y	N	Y	Living and downed trees need to be removed
20	Murray	1	Y	1	N	1		N	N	n/a	N	N	N	N	Further investigation needed, connect neighborhood drainage to existing system
22	Yates/Carlton	1	Y	1	Y	1		Y	N	C	Y	Y	N	Y	Some debris removal necessary, channel cleaning and re-grading likely
25	Ridgeway/Yates	1	Y	1	Y	1		Y	N	C	N	Y	N	Y	Living and downed trees need to be removed
32	Yates	1	Y	1	Y	1	floods road 1 in 3 years	N	N	C	N	Y	N	N	Channel narrow and overgrown, cleaning and vegetation clearing likely
42	Ridgeway	6	Y	1	N	1	floods road 1 in 2 years	Y	N	n/a	N	Y	N	N	Need culvert/pipe repair work and connect to existing drainage
51	Ridgeway	0	N	6	N	1	frequent flooding	Y	N	C	N	Y	N	Y	Remove woody debris from channel
52	Carlton/Kendall	2	N	0	Y	1		N	N	n/a	Y	Y	N	N	Vegetation removal and channel re-grading likely to be necessary
53	Carlton	2	Y	0	Y	1		Y	N	n/a	Y	Y	N	N	Vegetation removal and channel re-grading likely to be necessary
58	Carlton	2	Y	0	N	1		Y	Y	C	N	Y	N	Y	Woody debris and living vegetation blocking flow
59	Carlton	2	Y	0	Y	1		Y	N	n/a	N	Y	N	N	Work may be needed to implement BMP's and cleaning channel likely to be necessary
74	Gaines	4	Y	1	N	1		Y	N	C	N	N	N	Y	Dense vegetation/living trees in channel on East side of Kenyonville Rd.
77	Gaines	2	Y	1	Y	1		N	N	n/a	N	N	N	N	Woody debris present, but overgrown with vegetation also and removal may alter channel
78	Gaines	20	N	3	N	1		N	N	n/a	N	Y	N	N	Existing drainage pipe collapsed, replace pipe and connect to existing system
79	Gaines	3	Y	1	Y	1		Y	N	n/a	N	Y	N	Y	Removal of established vegetation and trees would result in alteration of stream channel
80	Gaines	0	Y	1	Y	1		Y	N	C	N	Y	N	Y	Large accumulation of woody debris and log jams, also channel and vegetation clearing likely
81	Gaines	0	Y	1	Y	1		Y	N	C	N	Y	N	Y	Woody debris to be removed: access at Latin Rd. sedimentation and vegetation likely an issue
87	Kendall	12	Y	3	Y	1		Y	N	C	N	Y	N	Y	Woody debris needs to be removed from channel, consult with Monroe SWCD
88	Kendall	2	Y	2	Y	1		Y	N	C	N	Y	N	Y	Channel overgrown with trees and vegetation, removal will alter drainage channel
89	Kendall	11	N	2	Y	1		Y	N	C	N	Y	N	Y	Woody debris present in channel along with overgrown vegetation, removal will alter

															channel
90	Kendall	2	Y	2	Y	1		N	N	C	N	N	N	Y	Review channel and culvert sizing for capacity issues, also consider overgrown vegetation issues
91	Kendall	52	Y	2	N	1		N	N	n/a	N	Y	N	N	Flow restricted North of Carr Rd. by overgrown vegetation
92	Kendall	8	Y	2	Y	1		Y	N	C	N	Y	N	Y	Removal of living trees and vegetation would alter channel size
100	Kendall	8	Y	2	Y	1		N	N	n/a	N	N	N	N	Requires culvert work for drainage continuity, may require re-grading of channel
101	Murray/Kendall	4	Y	2	N	1		Y	Y	n/a	N	N	N	N	Possible removal of sediment , and overgrown vegetation will alter channel
105	Carlton/Kendall	3	Y	3	Y	1		Y	N	n/a	N	Y	N	N	Segment flows through wooded area overgrown with vegetation, removal may alter channel
106	Kendall	41	Y	1	N	1		Y	N	C	Y	Y	N	Y	Clean drainage paths to Lake Ontario to improve drainage of inland wetland
107	Kendall	3	Y	2	Y	1		N	N	n/a	N	Y	N	N	Site visits suggest ditch cleaning and re-grading necessary to improve drainage
108	Kendall	7	Y	3	Y	1		Y	N	n/a	N	Y	N	Y	Assess sedimentation issues from streams crossing drainage segment
PRIORITY RANK 2 SITES															
1	Carlton	1	N	1	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection and property owners affected
5	Clarendon	0	Y	1	N	2		Y	Y	C	N	Y	N	Y	Site visit needed: consider Federal and State wetland connection
6	Barre	1	Y	3	Y	2		N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and property owners affected
7	Clarendon	1	N	1	N	2		N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and property owners affected
10	Shelby/Ridgeway	2	Y	1	N	2		N	N	C	N	N	N	N	Site visit needed: consider property owners affected
15	Clarendon	6	Y	1	Y	2		Y	Y	n/a	N	Y	N	N	Site visit needed: consider Federal and State wetland connection and property owners affected
19	Murray	0	Y	1	N	2	floods road 1 in 1 years	Y	Y	n/a	N	N	N	N	Site visit needed: consider Federal and State wetland connection
21	Yates	0	Y	1	Y	2		Y	N	C	Y	N	N	Y	Site visit needed: consider Federal wetland connection and Coastal zone
24	Yates	0	Y	1	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection
31	Yates	1	N	1	N	2	floods road 1 in 3 years	N	N	C	N	Y	N	Y	Site visit needed: consider property owners affected and damage to road
34	Yates	0	Y	1	Y	2		Y	N	C	Y	Y	N	Y	Site visit needed: consider Federal wetland connection and Coastal zone
35	Yates	1	Y	1	N	2	floods road 1 in 3 years	Y	N	C	N	Y	N	N	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
36	Clarendon	0	Y	1	N	2		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
37	Clarendon	0	Y	1	N	2		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
38	Clarendon	0	Y	1	N	2		N	N	n/a	N	Y	N	Y	Site visit needed: consider damage to road
39	Clarendon	1	N	1	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and property owners affected
40	Clarendon	0	Y	1	N	2	floods road 1 in 3 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
41	Clarendon	0	Y	1	N	2		Y	Y	n/a	N	N	N	N	Site visit needed: consider Federal and State wetland connection
43	Ridgeway	4	Y	1	N	2	floods road 1 in 5 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, agricultural effects, and damage to road
44	Ridgeway	2	Y	1	N	2	floods road 1 in	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
45	Ridgeway/Yates	0	Y	1	N	2	floods road 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
46	Ridgeway	0	Y	1	N	2	floods road 1 in 3 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road

47	Ridgeway	1	Y	1	N	2	floods road 1 in	N	N	C	N	Y	N	Y	Site visit needed: consider property owners affected, and damage to road
48	Ridgeway	1	Y	1	N	2	floods road 1 in	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and property owners affected
50	Ridgeway	1	N	1	N	2	floods 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and property owners affected
54	Carlton	0	Y	0	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
55	Carlton	0	Y	0	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and agricultural effects
56	Carlton	0	Y	0	Y	2		N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and damage to road
57	Carlton	0	Y	0	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
60	Carlton	0	Y	0	Y	2		N	N	n/a	Y	Y	N	N	Site visit needed: consider Coastal Zone proximity and agricultural effects
61	Carlton	0	Y	0	N	2		Y	N	C	Y	Y	N	Y	Site visit needed: consider Federal wetland connection, and Coastal Zone
66	Carlton	0	Y	0	N	2		N	N	n/a	N	Y	N	N	Site visit needed: consider damage to road
67	Carlton	0	Y	0	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
68	Carlton	0	Y	0	Y	2		N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and damage to road
69	Carlton	0	Y	0	Y	2		N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and damage to road
71	Carlton	0	Y	0	N	2		Y	N	n/a	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
73	Carlton	0	Y	0	Y	2		Y	N	C	N	Y	N	N	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
75	Gaines	0	Y	1	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
76	Gaines	0	Y	2	Y	2		N	N	C	N	Y	N	Y	Site visit needed: consider agricultural effects and damage to road
82	Gaines	0	Y	1	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
95	Kendall	3	Y	1	N	2		N	Y	C	Y	N	N	Y	Site visit needed: consider State wetland connection and coastal zone
96	Kendall	1	Y	1	N	2	floods 1 in 2 years	Y	N	C	Y	N	N	Y	Site visit needed: consider Federal wetland connection and coastal zone
97	Kendall	4	N	1	N	2		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection and property owners affected
98	Kendall	1	Y	1	Y	2		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
99	Kendall	0	N	1	Y	2		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection, and agricultural effects
102	Kendall	4	Y	2	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
103	Kendall	5	Y	1	N	2	floods 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
104	Kendall	1	Y	2	Y	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
109	Kendall	0	N	2	Y	2		N	N	n/a	Y	N	N	N	Site visit needed: consider Coastal Zone proximity and agricultural effects
110	Barre	0	Y	2	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
111	Barre	0	Y	2	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
112	Barre	0	Y	2	N	2		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
113	Barre	0	Y	2	Y	2		Y	N	n/a	N	Y	N	N	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
114	Barre	0	Y	2	Y	2		Y	N	n/a	N	Y	N	N	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road

PRIORITY RANK 3 SITES															
18	Murray	0	Y	1	Y	3	floods road 1 in 1 years	N	N	n/a	N	Y	N	N	Site visit needed: consider agricultural effects and damage to road
23	Yates	0	N	1	Y	3		Y	N	n/a	Y	Y	N	N	Site visit needed: consider Federal wetland connection and Coastal zone
26	Yates	0	Y	1	N	3		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
27	Yates	0	Y	1	Y	3	floods road 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
28	Yates	0	Y	1	N	3	floods road 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
29	Yates/Carlton	0	Y	1	N	3	floods road 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and damage to road
30	Yates	0	Y	1	Y	3	floods road 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, agricultural effects and damage to road
33	Yates	0	Y	1	Y	3	floods road 1 in 5 years	Y	N	n/a	Y	Y	N	N	Site visit needed: consider Federal wetland connection and Coastal zone
49	Ridgeway/Yates	0	N	1	N	3	floods 1 in 5 years	Y	Y	n/a	N	Y	N	N	Site visit needed: consider Federal and State wetland connection
62	Carlton	0	N	0	Y	3		Y	N	n/a	N	N	N	N	Site visit needed: consider Federal wetland connection, and agricultural effects
63	Carlton	0	N	0	Y	3		Y	N	n/a	N	N	N	N	Site visit needed: consider Federal wetland connection, and agricultural effects
64	Carlton	0	N	0	N	3		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection
65	Carlton	0	N	0	N	3		Y	N	n/a	N	N	N	N	Site visit needed: consider Federal wetland connection
70	Carlton	0	N	0	Y	3		Y	N	C	N	N	N	Y	Site visit needed: consider Federal wetland connection, and agricultural effects
72	Carlton	0	N	0	N	3		Y	N	n/a	N	Y	N	N	Site visit needed: consider Federal wetland connection
83	Gaines	0	N	1	Y	3		Y	N	n/a	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and agricultural effects
84	Gaines	0	N	1	Y	3		Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, and agricultural effects
85	Gaines	0	N	1	Y	3		Y	N	n/a	N	N	N	N	Site visit needed: consider Federal wetland connection, and agricultural effects
86	Gaines/Murray	0	Y	1	N	3		N	N	C	N	Y	N	Y	Site visit needed: consider damage to road and agricultural effects
93	Kendall	6	Y	1	N	3	floods 1 in 2 years	Y	N	C	N	Y	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road
94	Kendall	17	Y	1	N	3	floods 1 in 2 years	Y	N	n/a	Y	N	N	Y	Site visit needed: consider Federal wetland connection, property owners affected and damage to road

* The numbers in this column refer to individual flood problem locations. 114 individual flood problem sites were identified. These numbers DO NOT correspond with the site prioritization.