



Lockport-Batavia Line # 112 Rebuild Project

Appendix C

Waterbodies and Wetlands

Table C-1: Wetlands Traversed by the Project

Segment	Town	EM&CP Drawing No.	Span	EM&CP Wetland ID	NYSDEC Wetland (ID)	USACE Wetland (Y/N)	Wetland Type (PEM/PSS/ PFO)	Proposed Installation	Permanent / Temporary Impact (sq. ft)		Forested Wetland Conversion (sq. ft)		Proposed Structures in Wetland (Number of Structures / Structure Number)
									Permanent	Temporary	NYSDEC	USACE	
1	City of Lockport	17	1-1 to 1-5	001	-	Y	PEM	TMWP, TWS	157	13082	0	0	1/2
1	City of Lockport	17	1-5 to 3	002	-	Y	PEM	STR, TMWP, TWS	84.82	12638	0	0	1/1-4
1	Town of Lockport	17, 18	2 to 3	003	-	Y	PEM	PPWP, TWS	0	140	0	0	0/0
1	Town of Lockport	17, 18	3 to 3-1	004	-	Y	PEM	TMWP, TWS	0	9805	0	0	0/0
1	Town of Lockport	17, 18	3 to 3-1	029	-	Y	PEM	TWS	0	284	0	0	0/0
1, 2	Town of Lockport	18, 19	3 to 8-1	005	LP-23	Y	PEM	SCE, STR, TMWP, TWS, TMR	226	235373	0	0	6/3-1, 4, 5, 6, 7, 8
2	Town of Lockport	19	9 to 10	006	-	Y	PEM	PPR, TMR, TWS	1133	9981	0	0	0/0
2	Town of Lockport	19	11 to 13	007	-	Y	PEM	PPR, TMR, TINP, TWS	5901	22455	0	0	1/12
2	Town of Lockport	21	26 to 27	008	-	Y	PEM	-	0	204	0	0	0/0
2	Town of Lockport	25, 26	49 to 51	009	-	Y	PEM / PSS	SCE, STR, PPR, TMWP, TWS	1811	17096	0	0	1/50
2	Town of Lockport	25	46 to 48	010	-	Y	PEM	TMWP, PPR, TWS	1721	6100	0	0	0/0
2	Town of Lockport	25	44 to 46	011	-	Y	PEM	STR, PPR, TMWP, TWS	2221	16690	0	0	1/45
2	Town of Lockport	25, 26	50 to 52	012	-	Y	PEM	SCE, TMR, TMWP, STR, TWS	28	64549	0	0	1/51
2	Town of Royalton	27	54 to 57	013	-	Y	PEM	STR, TMWP, TMR, TWS	79	71667	0	0	1/56
2	Town of Lockport	26, 27	53 to 56	014	LP-22	Y	PEM	TMR, TMWP, STR, TWS, TINP*	157	73030	0	0	2/54, 55
2	Town of Royalton	27	57 to 60	015	-	Y	PEM	TMR, TMWP, STR, TWS	79	81007	0	0	1/58
2	Town of Royalton	27, 28	59 to 65	016	GA-22	Y	PEM / PSS / PFO	TMR, TMWP, STR, TWS, CLR	393	202902	0	0	5/60, 61, 62, 63, 64
2	Town of Royalton	28, 29	64 to 67	017	-	Y	PEM	TMR, TMWP, TWS, STR	157	71601	0	0	2/65, 66
2	Town of Royalton	29, 30, 31	65 to 77	018	GA-21	Y	PEM	TMR, TMWP, TWS, STR	331	552904	0	0	10/67, 68, 69, 70, 71, 72, 73, 74, 75, 76
2	Town of Royalton	32	84 to 87	019	-	Y	PEM	TMWP, TWS	0	10908	0	0	0/0
2	Town of Royalton	32, 33	86 to 91	020	GA-6	Y	PEM	TMR, TMWP, TWS, STR	85	119566	0	0	3/87, 88, 89

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									Permanent	Temporary	NYSDEC	USACE	
2	Town of Royalton	35	100 to 101	021	-	Y	PEM	PPR, TMR, TWS	438	5585	0	0	0/0
2	Town of Royalton	35	102 to 104	024	-	Y	PEM	PPR, TMR, TMWP, TWS, STR	5380	46312	0	0	1/103
2	Town of Royalton	36	105 to 107	025	-	Y	PEM	PPR, TMR, TMWP, TWS, STR	3623	28549	0	0	1/106
2	Town of Royalton	37	111 to 113	026	-	Y	PEM	PPR, TMR, TMWP, TWS, STR	6508	48022	0	0	1/112
3	Town of Royalton	41, 42	131 to 138	027	MD-1	Y	PEM / PFO	TMR, TMWP, TWS, STR	141	180518	19199	19199	5/132, 133, 134,135, 136
4 Existing, 4 Relocated, 5	Town of Alabama	44, 45, 46, 47,48, 49,56,57,58	144 to 166	023	AK-2, AK-3, AK-4	Y	PEM / PSS / PFO	SCE, TMR, TMWP, TWS, STR, TINP	1847	1301797	12721	12721	19/145, 146,149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 159-1, 160, 161, 162, 163, 164
5	Town of Alabama	50	172 to 174	028	-	Y	PSS	TMR, TMWP, TWS, STR	79	52931	0	0	1/173
6	Town of Alabama	50,59,63	173-184 1/2	Unknown	-	Y	Unknown	TINP, TWS, TMWP,	0	8470	0	0	0/0
7	Town of Alabama	53	195 to 198	022	-	Y	PEM / PUB	TMR, TMWP, TWS, STR	28	67974	0	0	1/196

Proposed Installation Key
PPR - Permanent Pervious Road PPWP - Permanent Pervious Work Pad SCE - Stabilized Construction Entrance TWS - Temporary Work Space TMWP - Temporary Matted Work Pad TMR - Temporary Timber Mat Road TINP - Temporary Improve as Necessary Pulling / Work Area STR - Structure FWCC - Forested Wetland Clearing – Conversion CLR - Clearing / Mowing - No Conversion

Table C-2: Wetland Impacts / Fill Quantities

Total - Permanent Impacts / Fill				
	PEM	PSS	PFO	Total
Sq. ft.	32,207.00	397.63	31,920.00	64,524.63
Acres	0.74	0.01	0.73	1.48

Total - Temporary Impacts				
	PEM	PSS	PFO	Total
Sq. ft.	3,254,036.30	72,369.05	9,977.60	3,336,382.95
Acres	74.70	1.66	0.23	76.59

Total - Forested Wetland Conversion	
	PFO
Sq. ft.	31,920
Acres	0.733

NYSDEC - Permanent Impacts / Fill				
	PEM	PSS	PFO	Total
Sq. ft.	3,180	0	31,920	35,100
Acres	0.07	0.00	0.73	0.81

NYSDEC - Temporary Impacts				
	PEM	PSS	PFO	Total
Sq. ft.	2,644,306.71	11,806.49	9,977.60	2,666,090.80
Acres	60.70	0.27	0.23	61.21

NYSDEC - Forested Wetland Conversion	
	PFO
Sq. ft.	31,920
Acres	0.733

Table C-3: Waterbodies Traversed by the Project													
Segment	Town	GPS Coordinates	EM&CP Drawing No.	Span	EM&CP ID	Name	Water Index Number	Water Quality Classification	Perennial / Intermittent	Fishery Type	Existing Crossing Type	Proposed Crossing Method	Xing Length (ft)
1	City of Lockport	42.671533, -78.989736	17	2 to 3	001 ¹	NYS Barge Canal (Erie Canal - Portion 1)	837-51	C, ND	Perennial	N/A	N/A	N/A	N/A
2	Town of Lockport	42.669364, -78.992485	21	24 to 25	002	Tributary to Tonawanda Creek	837-52	B, ND	Perennial	Warm Water	N/A	N/A	N/A
2	Town of Lockport	42.681105, -78.977779	22, 23	30 to 31	003	Unnamed Tributary to Mud Creek	N/A	D, ND	Intermittent	Warm Water	18” Plastic Culvert	72”W x 48”H Concrete Box Culvert	46
2	Town of Lockport	42.700850, -78.953768	23, 24	37 to 39	004	Unnamed Tributary to Mud Creek	N/A	D, ND	Intermittent	N/A	36 Plastic Culvert	96” W x 48” H Concrete Box Culvert	35
2	Town of Lockport	42.705035, -78.948701	25	45 to 48	005	Unnamed Tributary to Mud Creek	N/A	D, ND	Intermittent	Cold Water	None	60” HPDE Culvert	30
2	Town of Lockport	42.713304, -78.938649	26	51 to 54	006	Unnamed Tributary to Mud Creek	N/A	D, ND	Intermittent	Warm Water	N/A	Timber Mat Bridge Stream Crossing	16
2	Town of Royalton	42.726346, -78.921059	29	69 to 70	007	Tributary to Mud Creek	837-55	C, ND	Intermittent	Warm Water	N/A	96” W x 48” H Concrete Box Culvert	50
2	Town of Royalton	42.731702, -78.913530	32	86 to 87	008	Tributary to Mud Creek	837-55	C, ND	Intermittent	Warm Water	18” Plastic Culvert	96” W x 48” H Concrete Box Culvert	50
4 Existing	Town of Alabama	42.738252, -78.904055	57	149 to 150 ³	009 ²	Tributary to Tonawanda Creek	837-76	C, ND	Perennial	N/A	N/A	N/A	N/A
3	Town of Royalton	42.741465, -78.899948	41	130 to 131	010	Mud Creek	837-53	C, ND	Perennial	Warm Water	30” Plastic Culvert	60” HDPE Culvert	57
6	Town of Alabama	43.085968, -78.397870	51	173-185	012	Tributary to Mud Creek	N/A	C, ND	Intermittent	N/A	96”W x 48”H Concrete Culvert	N/A	N/A
Notes: - Stream 001 is the New York State Barge Canal also known as the Erie Canal. The New York State Canal Corporation is governing body over the canal. - Stream 009 is located within the Tonawanda Wildlife Management Area. - These numbers refer to the Existing Structure #s within the Abandonment Line.													

Table C-4: NYSDEC Wetlands Summary														
Wetland ID	Forest Clearing (Conversion) (sq. ft.)		Permanent Gravel Road (sq. ft.)		Permanent Gravel Work Pad (sq. ft.)		Stabilized Construction Entrance (sq. ft.)		Timber Matting** (sq. ft.)		Proposed Structure(s) (Number / sq. ft.)		Grading* (sq. ft.)	
	NYSDEC Wetland*	100-ft Adjacent Area	NYSDEC Wetland*	100-ft Adjacent Area	NYSDEC Wetland*	100-ft Adjacent Area	NYSDEC Wetland*	100-ft Adjacent Area	NYSDEC Wetland	100-ft Adjacent Area	NYSDEC Wetland*	100-ft Adjacent Area	NYSDEC Wetland*	100-ft Adjacent Area
005	0.0	0.0	0.0	0.0	0.0	0.0	1,867.2	1,568.7	124,590.1	10,824.4	226.2	0.0	0.0	0.0
014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,687.1	8,006.6	157.1	0.0	0.0	0.0
016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91,538.5	21,166.9	392.7	0.0	0.0	0.0
018	0.0	0.0	0.0	0.0	0.0	0.0	233.4	2,256.6	259,161.2	9,193.4	331.0	78.5	0.0	0.0
020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49,334.5	19,813.3	84.8	28.3	0.0	0.0
023	12,721.0	0.0	0.0	0.0	0.0	0.0	0.0	6,301.8	583,779.7	615,736.0	1847.0	169.0	0.0	0.0
027	19,199.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78,004.2	21,253.1	141.4	0.0	0.0	0.0
TOTAL	32,920	0.0	0	0	0	0	2,101	10,127	1,217,095	705,994	3,180	276	0	0

* Permanent Impact

** Temporary Impact

Summary		
	NYSDEC Wetland (sq. ft.)	100-ft. Adjacent Area (sq. ft.)
Forest Clearing	32,920	0
Permanent Gravel Road	0	0
Permanent Gravel Work Pad	0	0
Stabilized Construction Entrance	2,101	10,127
Timber Matting	1,217,095	705,994
Proposed Structures	50/3,180	3/276