NextEra Energy Transmission New York, Inc.

Marcy/Edic to Pleasant Valley Project

Appendix A – Tables

Submitted to:

State of New York Public Service Commission

March 2, 2015

Table 2.1 Land Cover Within the Marcy/Edic to Pleasant Valley Project Area

Land Cover Type	Distance Crossed by ROW[1] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Thruway Route				
Barren Land	0	0.01	0	10.59
Cultivated Crops	1.37	13.26	1.37	408.53
Deciduous Forest	8.4	77.15	8.4	1,575.87
Developed, High Intensity	0.68	6.9	0.68	161.91
Developed, Low Intensity	63.96	535.23	63.96	3,109.22
Developed, Medium Intensity	27.85	244.55	27.85	1,853.17
Developed, Open Space	62.43	518.29	62.43	3,132.3
Emergent Herbaceous Wetlands	0.64	5.59	0.64	43.55
Evergreen Forest	0.39	4.14	0.39	163.6
Hay/Pasture	4.17	36.42	4.17	424.61
Herbaceous	0.38	3.3	0.38	46.77
Mixed Forest	2.09	19.14	2.09	430.22
Open Water	0.37	7.08	0.37	143.89
Shrub/Scrub	2.73	22.76	2.73	347.08
Woody Wetlands	3.95	35.09	3.95	570.3
Total	**179.41 miles**	**1,528.91 acres**	**179.41 miles**	**12,421.61 acres**
Marcy Southern Route 1				
Cultivated Crops	10.87	141.63	10.87	791.64
Deciduous Forest	23.91	339.08	23.91	2,652.21
Developed, High Intensity	0.07	0.72	0.07	14.29
Developed, Low Intensity	1.87	20.92	1.87	136.58
Developed, Medium Intensity	0.21	2.55	0.21	45.48
Developed, Open Space	4.17	50.12	4.17	297.08
Emergent Herbaceous Wetlands	1	13.69	1	63.71
Evergreen Forest	2.6	34.75	2.6	440.04
Hay/Pasture	50.07	641.96	50.07	3,195.57
Herbaceous	8.44	111.37	8.44	426.94
Mixed Forest	2.99	40.48	2.99	434.7

Table 2.1 Land Cover Within the Marcy/Edic to Pleasant Valley Project Area

Land Cover Type	Distance Crossed by ROW[1] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Open Water	0.19	2.63	0.19	26.48
Shrub/Scrub	25.66	335.12	25.66	1,166.16
Woody Wetlands	3.29	44.54	3.29	331.96
Total	**135.34 miles**	**1,779.58 acres**	**135.34 miles**	**10,022.84 acres**
Marcy Southern Route 2				
Cultivated Crops	15.64	260.9	15.64	1,183.06
Deciduous Forest	33.24	561.79	33.24	3,472.36
Developed, High Intensity	0.37	6.28	0.37	39.81
Developed, Low Intensity	2.41	33.7	2.41	194.26
Developed, Medium Intensity	0.32	5.18	0.32	67.16
Developed, Open Space	5.71	84.71	5.71	426.91
Emergent Herbaceous Wetlands	1.39	23.57	1.39	114.02
Evergreen Forest	3.1	46.6	3.1	489.49
Hay/Pasture	56.75	810.54	56.75	3,725.79
Herbaceous	8.81	121.53	8.81	448.78
Mixed Forest	3.47	48.83	3.47	535.99
Open Water	0.45	7.67	0.45	48.57
Shrub/Scrub	27.91	396.04	27.91	1,331.59
Woody Wetlands	8.1	151.98	8.1	715.19
Total	**167.67 miles**	**2,559.32 acres**	**167.67 miles**	**12,792.95 acres**
Marcy Northern Route				
Cultivated Crops	18.29	239.38	18.29	1,406.35
Deciduous Forest	28.86	390.6	28.86	2,566.79
Developed, High Intensity	0.05	0.67	0.05	12.27
Developed, Low Intensity	1.95	21.31	1.95	137.48
Developed, Medium Intensity	0.2	2.33	0.2	41.81
Developed, Open Space	4.29	51.11	4.29	305.64
Emergent Herbaceous Wetlands	1.25	16.59	1.25	76.58
Evergreen Forest	5.85	76.19	5.85	536.83

Table 2.1 Land Cover Within the Marcy/Edic to Pleasant Valley Project Area

Land Cover Type	Distance Crossed by ROW[1] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Hay/Pasture	47.41	602.87	47.41	3,388.64
Herbaceous	1.2	15.84	1.2	143.47
Mixed Forest	6.97	90.77	6.97	419.08
Open Water	0.33	4.61	0.33	35.6
Shrub/Scrub	21.18	269.86	21.18	1,072.96
Woody Wetlands	8.09	109.07	8.09	615.9
Total	**145.92 miles**	**1,892.2 acres**	**145.92 miles**	**10,759.4 acres**
Knickerbocker Route				
Cultivated Crops	3.15	36.51	3.15	228.03
Deciduous Forest	8.6	121.15	8.6	1,220.73
Developed, High Intensity	0.01	0.22	0.01	9.36
Developed, Low Intensity	1.46	14.56	1.46	98.4
Developed, Medium Intensity	0.17	1.81	0.17	34.59
Developed, Open Space	1.93	19.73	1.93	129.22
Emergent Herbaceous Wetlands	0.75	10.32	0.75	45
Evergreen Forest	2.39	31.01	2.39	314.67
Hay/Pasture	22.61	271.65	22.61	1,467.04
Herbaceous	0.33	3.24	0.33	24.72
Mixed Forest	2.22	28.37	2.22	100.76
Open Water	0.05	0.69	0.05	13.15
Shrub/Scrub	15.95	201.55	15.95	652.99
Woody Wetlands	2.29	31.01	2.29	203.84
Total	**61.91 miles**	**771.82 acres**	**61.91 miles**	**4,542.5 acres**
Notes:	[1] Total Project distance may be different from previously filed distances due to rounding. [2] Due to the use of the standard NLCD cover type classification system, as well as the resolution of the data, the data may not reflect the use of existing transmission and transportation corridors.			
Source:	USGS NLCD 2011 Land Cover Data https://www.mrlc.gov/nlcd2011.php			

Table 2.2 Land Use Within the Marcy/Edic to Pleasant Valley Project Area

Land Use Classification[1]	Distance Crossed by ROW[2] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Thruway Route				
Agricultural	4.3	48.54	4.3	782.72
Residential	7.24	92.66	7.24	1,771.67
Vacant Land	7.71	86.15	7.71	1,356.67
Commercial	1.22	11.58	1.22	178.22
Recreation & Entertainment	0.33	3.2	0.33	51.72
Community Services	2.15	20.27	2.15	253.75
Industrial	0.34	5.71	0.34	94.82
Public Services (Included all of the Thruway ROW)	134.35[4]	128.12[5]	134.35[4]	312.9[5]
Wild, Forested, Conservation Lands & Public Parks	4.13	34.12	4.13	266.76
No Data[3]	15.68	42.69	15.68	1,496.12
Total	**177.45 miles**	**473.04 acres**	**177.45 miles**	**6,565.35 acres**
Marcy Southern Route 1				
Agricultural	2.63	72.97	2.63	2,010.24
Residential	15.74	253.94	15.74	2,908.79
Vacant Land	54.11	666.15	54.11	2,674.48
Commercial	0.19	2.32	0.19	88.36
Recreation & Entertainment	0.17	1.3	0.17	92.28
Community Services	0	0.94	0	81.78
Industrial	0.04	0.43	0.04	21.46
Public Services	57.39	694.52	57.39	1,648.08
Wild, Forested, Conservation Lands & Public Parks	0	2.96	0	84
No Data[3]	3.87	2.1	3.87	472.2
Total	**134.14 miles**	**1,697.1 acres**	**134.14 miles**	**10,081.66 acres**
Marcy Southern Route 2				
Agricultural	2.63	72.97	2.63	1,999.54
Residential	15.81	258.3	15.81	3,055.40
Vacant Land	67.39	976.78	67.39	2,721.05
Commercial	0.2	2.32	0.2	94.47
Recreation &	0.17	1.3	0.17	92.28

Table 2.2 Land Use Within the Marcy/Edic to Pleasant Valley Project Area

Land Use Classification[1]	Distance Crossed by ROW[2] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Entertainment				
Community Services	0	0.94	0	81.78
Industrial	0.04	0.43	0.04	21.46
Public Services	73.74	1,099.63	73.74	3,514.87
Wild, Forested, Conservation Lands & Public Parks	0	3.07	0	90.52
No Data[3]	0.57	3.1	0.57	781.61
Total	**160.55 miles**	**2,418.84 acres**	**160.55 miles**	**12,452.96 acres**
Marcy Northern Route				
Agricultural	32.64	470.39	32.64	2,365.73
Residential	32.76	450.7	32.76	2,674.46
Vacant Land	50.78	682.88	50.78	2,770.86
Commercial	0.31	3.33	0.31	85.39
Recreation & Entertainment	0.17	1.25	0.17	77.33
Community Services	0	1.1	0	38.67
Industrial	0.04	0.43	0.04	17.72
Public Services	26.68	369.18	26.68	2,866.11
Wild, Forested, Conservation Lands & Public Parks	2	25.36	2	99.87
No Data[3]	0	372.53	0	0
Total	**145.38 miles**	**2,004.62 acres**	**145.38 miles**	**10,996.14 acres**
Knickerbocker Route				
Agricultural	0.25	21.47	0.25	855.7
Residential	13.18	200.31	13.18	1,743.62
Vacant Land	40.01	455.77	40.01	1,588.81
Commercial	0.1	0.97	0.1	78.38
Recreation & Entertainment	0.17	1.25	0.17	77.18
Community Services	0	0.94	0	29.33
Industrial	0.04	0.43	0.04	17.72
Public Services	7.97	122.15	7.97	425.55
Wild, Forested, Conservation Lands & Public Parks	0	0	0	12.64
No Data[3]	0	0	0	0

Table 2.2 Land Use Within the Marcy/Edic to Pleasant Valley Project Area

Land Use Classification[1]	Distance Crossed by ROW[2] (Miles)	Area within ROW (Acres)	Distance Crossed within 500 feet of ROW (Miles)	Area within 500 feet of ROW (Acres)
Total	**61.72 miles**	**803.29 acres**	**61.72 miles**	**4,828.93 acres**
Notes:	[1] The land use classification data is assigned by New York State Office of Real Property Services based on primary land use type of individual parcels and may not reflect the use of existing transmission and transportation corridors. In addition, there may be some overlap between classifications. [2] Total Project distance may be different from previously filed distances due to rounding. [3] Data is not available for entire ROW, including Albany County where the tax roll data is not publically available. [4] The distance (miles) of the Thruway Route ROW within Public Service is estimated based on the length taken from the difference from the total length of the Thruway Route distance and the distance accounted for in other land use classes. [5] The area (acres) of the Thruway Route ROW within Public Service should be greater with the use of the Thruway ROW; however, publically available data covering the Thruway is inconsistent.			
Source:	NYS ORPS Land Use data provided by New York State http://www.tax.ny.gov/pdf/publications/orpts/manuals/vol6/rfv_propclasscodes.pdf Parcel data from NEETNY and Town Tax Roll data All parcel data/tax rolls were provided courtesy of each local municipality's assessors' department. The tax roll years ranged from 2011-2014 depending on the municipality. This data is not public and was purchased by NEETNY.			

Table 2.3 Agricultural Land Classification Within the Marcy/Edic to Pleasant Valley Project Area

Agricultural Land Classification	Distance Crossed by ROW[1] (Miles)	Area within ROW[1] (Acres)	Area of Temporary Disturbance[2] (Acres)	Area of Permanent Disturbance (Acres)
Thruway Route				
Cropland (corn, oats, sorghum, soybeans, sunflower)	0.86	8.16	8.16	0.007
Hayland/Pasture (alfalfa, grass/pasture, other hay/non alfala)	8.50	73.42	73.42	0.053
Reserve Land (fallow/idle cropland)	0.48	4.21	4.21	0.003
Agricultural District	4.01	33.73	33.73	0.021
Farm Woodlands and "Sugar Bush" Woodland	TBD[3]	TBD[3]	TBD[3]	TBD[3]
Orchards and Vineyards (apples)	0.78	6.67	6.67	0.004
Prime Soils (Prime Farmland)	3.56	30.57	30.57	0.018
Soils of Statewide Significance (Farmland of Statewide Significance)	4.73	40.46	40.46	0.0261
Marcy Southern Route 1				
Cropland (barley, corn, dry beans, oats, rye, sorghum, soybeans, spring wheat, sunflower, sweet corn, winter wheat)	7.40	95.49	95.49	0.0257
Hayland/Pasture (alfalfa, grass/pasture, other hay/non alfalfa)	68.46	890.10	890.10	0.273
Reserve Land (fallow/idle cropland)	1.37	17.37	17.37	0.005
Agricultural District	33.91	456.54	456.54	0.104
Farm Woodlands and "Sugar Bush" Woodland	TBD[3]	TBD[3]	TBD[3]	TBD[3]
Orchards and Vineyards (apples)	0.09	1.03	1.03	0
Prime Soils (Prime Farmland)	17.55	214.94	214.94	0.0644
Soils of Statewide	38.69	529.47	529.47	0.1607

Table 2.3 Agricultural Land Classification Within the Marcy/Edic to Pleasant Valley Project Area

Agricultural Land Classification	Distance Crossed by ROW[1] (Miles)	Area within ROW[1] (Acres)	Area of Temporary Disturbance[2] (Acres)	Area of Permanent Disturbance (Acres)
Significance (Farmland of Statewide Significance)				
Marcy Southern Route 2				
Cropland (barley, clover/wildflower, corn, dry beans, oats, rye, sorghum, soybeans, spring wheat, sunflower, sweet corn, winter wheat)	8.38	119.60	119.60	0.0257
Hayland/Pasture (alfalfa, grass/pasture, other hay/non alfala)	83.04	1224.11	1224.11	0.273
Reserve Land (fallow/idle cropland)	2.02	31.09	31.09	0.005
Agricultural District	34.55	472.15	472.15	0.107
Farm Woodlands and "Sugar Bush" Woodland	TBD[3]	TBD[3]	TBD[3]	TBD[3]
Orchards and Vineyards (apples)	0.56	15.00	15.00	0
Prime Soils (Prime Farmland)	24.10	375.85	375.85	0.088
Soils of Statewide Significance (Farmland of Statewide Significance)	46.24	716.75	716.75	0.188
Marcy Northern Route				
Cropland (barley, corn, oats, sorghum, soybeans, spring wheat, sweet corn, winter wheat)	9.81	125.89	125.89	0.031
Hayland/Pasture (alfalfa, grass/pasture, other hay/non alfalfa)	66.63	854.66	854.66	0.211
Reserve Land (fallow/idle cropland)	1.30	16.88	16.88	0.004
Agricultural District	62.14	778.00	778.00	0.19 acres
Farm Woodlands and "Sugar Bush" Woodland	TBD[3]	TBD[3]	TBD[3]	TBD[3]

Table 2.3 Agricultural Land Classification Within the Marcy/Edic to Pleasant Valley Project Area

Agricultural Land Classification	Distance Crossed by ROW[1] (Miles)	Area within ROW[1] (Acres)	Area of Temporary Disturbance[2] (Acres)	Area of Permanent Disturbance (Acres)
Orchards and Vineyards (apples, other tree crops)	0.44	5.70	5.70	0.067
Prime Soils (Prime Farmland)	24.84	313.40	313.40	0.07875
Soils of Statewide Significance (Farmland of Statewide Significance)	39.65	523.47	523.47	0.119
Knickerbocker Route				
Cropland (barley, corn, sorghum, soybeans, spring wheat, sweet corn, winter wheat)	2.62	31.06	31.06	0.008 (18 structures)
Hayland/Pasture (alfalfa, grass/pasture, other hay/non alfala)	27.94	33.74	33.74	0.089
Reserve Land (fallow/idle cropland)	0.76	8.67	8.67	0.002
Agricultural District	31.63	389.59	389.59	0.09855
Farm Woodlands and "Sugar Bush" Woodland	TBD[3]	TBD[3]	TBD[3]	TBD[3]
Orchards and Vineyards (apples)	0.09	1.03	1.03	0
Prime Soils (Prime Farmland)	11.83	138.31	138.31	0.038
Soils of Statewide Significance (Farmland of Statewide Significance)	15.49	203.48	203.48	0.046

Notes:

[1] Distance crossed by the ROW and Area within the ROW may be classified under more than one of the identified categories.

[2] Temporary impacts conservatively anticipated for the entire ROW. New access roads and laydown areas are assumed to be contained entirely within ROW.

[3] At this time, NEETNY is unable to identify Farm woodlands and "Sugar Bush" Woodland based on publically available data. Upon selection of a route by the Commission, NEETNY will initiate consultations with the New York State Department of Agriculture and Markets to identify potential woodlands; however, the use of existing transmission and/or transportation corridors should minimize the presence of potential woodlands within the Project route alternative ROWs.

Source:

Cropscape Agricultural Statistic Service http://nassgeodata.gmu.edu/CropScape/
USDA NRCS Soil Survey Database http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm
NYS Agricultural District data http://cugir.mannlib.cornell.edu/datatheme.jsp?id=2

Table 2.4 Residences Within the Marcy/Edic to Pleasant Valley Project Area

Town	Number of Existing Potential Residences Within Proximity		
	1 to 100 Feet	101 to 250 Feet	251 to 500 Feet
Thruway Route			
City of Albany	2	22	116
Athens	1	14	26
Bethlehem	4	23	96
Canajoharie	-	10	22
Catskill	3	7	26
Coeymans	11	13	89
Coxsackie	-	4	28
Danube	2	2	15
Florida	-	4	22
German Flatts	1	11	24
Glen	27	31	74
Guilderland	9	25	153
Herkimer	-	-	4
Hurley	-	-	6
City of Kingston	-	3	24
Little Falls	-	-	14
Lloyd	6	8	49
Marcy	1	3	8
Minden	3	8	59
New Baltimore	1	9	19
New Paltz	-	5	17
Pleasant Valley	-	-	4
City of Poughkeepsie	15	128	146
Poughkeepsie	16	82	180
Princetown	1	3	5
Root	1	1	21
Rosendale	4	11	61
Rotterdam	6	41	151
Saugerties	4	27	55
Schuyler	30	55	120
Ulster	7	42	171
City of Utica	-	3	39
Total	**155**	**595**	**1,834**
Marcy Southern Route 1			
Canajoharie	1	2	10
Charleston	-	3	6
Claverack	1	14	34
Clermont	-	-	5
Clinton	2	14	48

Table 2.4 Residences Within the Marcy/Edic to Pleasant Valley Project Area

Town	Number of Existing Potential Residences Within Proximity		
	1 to 100 Feet	101 to 250 Feet	251 to 500 Feet
Danube	-	-	3
Deerfield	-	1	23
Duanesburg	-	-	3
East Greenbush	8	31	58
Florida	-	2	6
Frankfort	1	1	19
Gallatin	-	10	20
German Flatts	1	12	18
Ghent	-	2	6
Glen	-	-	2
Little Falls	-	-	6
Livingston	1	13	17
Marcy	-	3	2
Milan	-	9	23
Minden	-	1	6
Pleasant Valley	2	28	80
Princetown	-	4	5
Root	-	1	2
Rotterdam	-	1	4
Schodack	4	34	62
Schuyler	1	4	43
Stark	-	-	5
Stockport	-	6	22
Stuyvesant	-	3	10
Total	**22**	**199**	**548**
Marcy Southern Route 2			
Bethlehem	-	35	91
Canajoharie	1	2	10
Charleston	-	3	6
Claverack	1	14	34
Clermont	-	-	5
Clinton	2	14	48
Coeymans	1	6	13
Danube	-	-	3
Deerfield	-	1	23
Duanesburg	-	-	3
East Greenbush	8	31	58
Florida	-	2	6
Frankfort	1	1	19
Gallatin	-	10	20

Table 2.4 Residences Within the Marcy/Edic to Pleasant Valley Project Area

Town	Number of Existing Potential Residences Within Proximity		
	1 to 100 Feet	101 to 250 Feet	251 to 500 Feet
German Flatts	1	12	18
Ghent	-	2	6
Glen	-	-	2
Guilderland	1	13	18
Little Falls	-	-	6
Livingston	1	13	17
Marcy	-	3	2
Milan	-	9	23
Minden	-	1	6
New Scotland	-	5	25
Pleasant Valley	2	28	80
Princetown	-	13	25
Root	-	1	2
Rotterdam	-	1	4
Schodack	5	34	64
Schuyler	1	4	43
Stark	-	-	5
Stockport	-	6	22
Stuyvesant	-	3	10
Total	**25**	**267**	**717**
Marcy Northern Route			
Claverack	1	14	34
Clermont	-	-	5
Clinton	2	14	48
Deerfield	1	2	1
Duanesburg	-	1	2
East Greenbush	8	31	58
Ephratah	1	5	7
Florida	-	8	5
Gallatin	-	10	20
Ghent	-	2	6
Glen	-	2	8
Guilderland	2	15	5
Herkimer	1	1	4
Little Falls	-	2	1
Livingston	1	13	17
Manheim	2	2	8
Marcy	-	1	4
Milan	-	9	23
Mohawk	-	1	3

Table 2.4 Residences Within the Marcy/Edic to Pleasant Valley Project Area

Town	Number of Existing Potential Residences Within Proximity		
	1 to 100 Feet	101 to 250 Feet	251 to 500 Feet
New Scotland	2	8	14
Oppenheim	2	5	5
Pleasant Valley	2	28	80
Princetown	2	9	13
Rotterdam	-	-	2
Schodack	4	34	62
Schuyler	-	1	2
Stockport	-	6	22
Stuyvesant	-	3	10
Total	**32**	**228**	**467**
Knickerbocker Route			
Claverack	1	14	34
Clermont	-	-	5
Clinton	2	14	48
East Greenbush	8	31	58
Gallatin	-	10	20
Ghent	-	2	6
Livingston	1	13	17
Milan	-	9	23
Pleasant Valley	2	28	80
Schodack	4	34	62
Stockport	-	6	22
Stuyvesant	-	3	10
Total	**18**	**164**	**385**
Notes:	[1] Counts acquired via interpretation of aerial photography. Counts conservatively included any building potentially large enough to serve as a residence. Actual use of identified buildings may vary (*e.g.*, barn, detached garage, business).		
Source:	Esri ArcGIS Bing Maps		

Table 3.1 Mapped NYSDEC Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Name	Wetland Class	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
Thruway Route					
C-11	2	-	0.02	-	-
C-13	1	-	0.60	-	-
C-15	2	628.62	1.48	1	-
C-16	2	172.70	0.26	-	-
C-17	2	720.44	1.39	1	-
CD-10	2	984.85	1.59	3	-
CD-6	1	5,579.91	8.94	11	5.33
CD-8	2	498.06	0.80	1	0.80
HN-108	1	1,443.41	2.33	3	-
IN-2	2	85.79	0.12	-	-
KW-14	2	132.85	0.19	-	-
KW-16	2	642.59	1.22	2	-
KW-20	3	-	0.01	-	-
PO-1	2	240.56	0.36	-	-
PV-2	2	1,831.87	2.88	4	-
R-12	2	97.39	0.40	-	-
R-16	2	840.36	2.11	1	-
R-9	2	861.74	2.48	2	-
UE-1	2	2,330.54	3.74	6	-
UE-4	2	2,508.27	4.02	8	-
Total		**19,599.95 feet 3.71 miles**	**34.96 acres**	**43 structures**	**6.13 acres**
Marcy Southern Route 1					
C-18	1	2,315.71	5.84	4	-

Table 3.1 Mapped NYSDEC Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Name	Wetland Class	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
CA-1	3	449.36	1.09	1	-
CA-6	2	799.47	2.29	1	-
CA-7	2	979.95	2.46	1	-
CK-11	2	227.40	0.52	1	-
CL-22	2	1,114.54	2.92	1	-
HS-4	2	1,193.51	2.71	1	-
HS-8	2	717.66	1.66	-	-
PV-2	2	634.17	1.69	1	-
RC-11	2	231.87	0.61	-	-
RC-12	2	494.34	1.30	1	-
RC-39	1	1,054.35	2.85	2	-
RJ-2	3	811.26	2.05	-	-
RJ-4	2	1,435.04	4.32	4	-
SP-27	2	824.29	2.14	1	-
SP-36	2	-	0.09	-	-
SP-38	2	487.21	1.34	1	-
SP-53	2	2,138.45	5.61	2	-
SP-64	2	356.73	0.92	1	-
Total		**16265.32 feet 3.08 miles**	**42.44 acres**	**23 structures**	**0 acres**
Marcy Southern Route 2					
C-18	1	2,315.71	5.84	4	-
CA-1	3	449.36	1.09	1	-
CA-6	2	799.47	2.29	1	-
CA-7	2	979.95	2.46	1	-

Table 3.1 Mapped NYSDEC Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Name	Wetland Class	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
CK-11	2	227.40	0.52	1	-
CL-22	2	1,114.54	2.93	1	-
D-57	2	743.71	2.39	-	-
HS-4	2	1,193.51	2.71	1	-
HS-8	2	717.66	1.66	-	-
PV-2	2	634.17	1.69	1	-
R-201	1	1,196.40	5.38	-	-
RC-11	2	231.87	0.61	-	-
RC-12	2	494.34	1.30	1	-
RC-39	1	1,054.35	2.85	2	-
RJ-2	3	811.26	2.05	-	-
RJ-4	2	1435.04	4.33	4	-
RJ-8	2	191.05	0.87	-	-
SP-27	2	824.29	2.14	1	-
SP-36	2	-	0.09	-	-
SP-38	2	487.21	1.34	1	-
SP-53	2	2,138.45	5.61	3	-
SP-64	2	356.73	0.92	1	-
V-19	1	8,326.61	36.48	12	-
Total		**26,723.08 feet 5.06 miles**	**87.56 acres**	**36 structures**	**0 acres**
Marcy Northern Route					
CK-11	2	227.40	0.52	1	-
CL-22	2	1,114.55	2.93	1	-
HS-4	2	1,193.51	2.71	1	-

Table 3.1 Mapped NYSDEC Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Name	Wetland Class	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
HS-8	2	717.66	1.66	-	-
PV-2	2	634.17	1.70	1	-
R-3	1	1,498.92	3.83	-	-
R-6	2	294.24	0.76	-	0.29
R-7	2	941.85	2.38	1	2.38
RC-11	2	231.87	0.61	-	-
RC-12	2	494.34	1.30	1	-
RC-39	1	1,054.35	2.85	2	-
RJ-4	2	413.40	1.03	1	1.03
RJ-8	2	188.23	0.48	-	-
SP-27	2	824.29	2.14	1	-
SP-36	2	-	0.09	-	-
SP-38	2	487.21	1.34	1	-
SP-53	2	2,138.45	5.61	3	-
SP-64	2	356.73	0.93	1	-
TH-21	2	670.58	1.68	1	1.68
V-19	1	8,973.12	22.70	12	15.80
V-32	3	129.39	0.31	-	0.31
Total		**22,584.25 feet 4.28 miles**	**57.55 acres**	**28 structures**	**21.49 acres**
Knickerbocker Route					
CK-11	2	227.40	0.52	1	-
CL-22	2	1,114.54	2.93	1	-
HS-4	2	1,193.51	2.71	1	-
HS-8	2	717.66	1.66	-	-

Table 3.1 Mapped NYSDEC Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Name	Wetland Class	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PV-2	2	634.17	1.69	1	-
RC-11	2	231.87	0.61	-	-
RC-12	2	494.34	1.30	1	-
RC-39	1	1,054.35	2.85	1	-
SP-27	2	824.29	2.14	1	-
SP-36	2	-	0.09	-	-
SP-38	2	487.21	1.34	1	-
SP-53	2	2,138.45	5.61	3	-
SP-64	2	356.73	0.92	1	-
Total		**9,474.53 feet 1.79 miles**	**24.38 acres**	**12 structures**	**0 acres**
Source:	NYSDEC Freshwater wetlands http://cugir.mannlib.cornell.edu/datatheme.jsp?id=111				

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
Thruway Route					
R3UBH	Riverine	74.18	0.12	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.05	-	-
PSS1C	Freshwater Forested/Shrub Wetland	153.85	0.30	-	-
PSS1E	Freshwater Forested/Shrub Wetland	258.06	0.36	-	-
PUBHh	Freshwater Pond	43.57	0.07	-	-
R2UBH	Riverine	397.44	0.89	-	-
PUBHh	Freshwater Pond	-	0.00	-	-
PSS1E	Freshwater Forested/Shrub Wetland	643.20	1.03	1	-
PFO1E	Freshwater Forested/Shrub Wetland	252.28	0.40	-	-
PFO1E	Freshwater Forested/Shrub Wetland	759.57	1.15	2	1.15
PEM1E	Freshwater Emergent Wetland	327.22	0.52	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.08	-	-
PFO1E	Freshwater Forested/Shrub Wetland	133.14	0.22	1	0.22
PSS1E	Freshwater Forested/Shrub Wetland	126.76	0.21	-	-
PUBHx	Freshwater Pond	263.81	0.35	-	-
PUBHh	Freshwater Pond	-	0.01	-	-
PFO1A	Freshwater Forested/Shrub Wetland	424.21	0.68	1	0.68
R3UBH	Riverine	183.93	0.30	-	-
PSS1E	Freshwater Forested/Shrub Wetland	155.33	0.20	-	-
PEM1E	Freshwater Emergent Wetland	91.14	0.38	-	-
PFO1E	Freshwater Forested/Shrub Wetland	25.68	0.04	-	0.04
PEM1E	Freshwater Emergent Wetland	48.61	0.21	-	-
PEM1/SS1E	Freshwater Emergent Wetland	353.51	0.57	1	-
PFO1C	Freshwater Forested/Shrub Wetland	112.31	0.14	-	0.14

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHh	Freshwater Pond	256.52	0.40	-	-
R3UBH	Riverine	63.97	0.10	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.02	-	-
PUBHh	Freshwater Pond	94.50	0.13	-	-
PSS1C	Freshwater Forested/Shrub Wetland	177.55	0.21	-	-
PEM1Ad	Freshwater Emergent Wetland	-	0.02	-	-
R3UBH	Riverine	38.98	0.06	-	-
PFO1C	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PEM1E	Freshwater Emergent Wetland	1,816.83	2.91	5	-
PFO1C	Freshwater Forested/Shrub Wetland	70.55	0.12	-	0.12
PSS1E	Freshwater Forested/Shrub Wetland	1192.25	1.48	3	-
PSS1E	Freshwater Forested/Shrub Wetland	972.67	1.56	1	-
PFO1E	Freshwater Forested/Shrub Wetland	2.09	0.08	-	0.08
R2UBH	Riverine	232.49	0.38	1	-
PFO1/SS1E	Freshwater Forested/Shrub Wetland	421.63	0.68	1	0.68
PFO1E	Freshwater Forested/Shrub Wetland	-	0.09	-	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.45	-	0.45
PUBHh	Freshwater Pond	95.61	0.15	-	-
PFO1C	Freshwater Forested/Shrub Wetland	188.47	0.30	1	0.30
PSS1E	Freshwater Forested/Shrub Wetland	305.48	0.49	-	-
PSS1E	Freshwater Forested/Shrub Wetland	64.09	0.08	-	-
PFO1E	Freshwater Forested/Shrub Wetland	292.99	0.57	-	0.57
PEM1Ad	Freshwater Emergent Wetland	-	0.01	-	-
R5UBH	Riverine	202.38	0.33	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.06	-	-
PSS1E	Freshwater Forested/Shrub Wetland	281.66	0.42	-	-
PSS1E	Freshwater Forested/Shrub Wetland	394.88	0.55	1	-
R2UBH	Riverine	41.14	0.07	-	-
PUBH	Freshwater Pond	-	0.09	-	-
R1UBV	Riverine	-	4.10	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.02	-	-
PFO1E	Freshwater Forested/Shrub Wetland	2,099.99	2.72	4	2.72
PEM1E	Freshwater Emergent Wetland	300.14	0.48	1	-
PUBHh	Freshwater Pond	-	0.04	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.04	-	0.04
PEM1E	Freshwater Emergent Wetland	85.14	0.15	-	-
PUBHh	Freshwater Pond	10.66	0.05	-	-
PUBHh	Freshwater Pond	-	0.04	-	-
PUBHh	Freshwater Pond	175.59	0.28	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PUBH	Freshwater Pond	-	0.02	-	-
PFO1E	Freshwater Forested/Shrub Wetland	214.42	0.34	-	0.34
PFO1E	Freshwater Forested/Shrub Wetland	443.75	0.72	1	0.72
PSS1E	Freshwater Forested/Shrub Wetland		0.63	-	-
PFO1E	Freshwater Forested/Shrub Wetland	218.30	0.35	-	0.35
PEM1E	Freshwater Emergent Wetland	988.21	1.58	1	-
PSS1/EM5E	Freshwater Forested/Shrub Wetland	378.22	0.45	1	-
PFO1E	Freshwater Forested/Shrub Wetland	453.21	0.73	1	0.73

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHh	Freshwater Pond	-	0.03	-	-
PUBHh	Freshwater Pond	-	0.09	-	-
PFO1E	Freshwater Forested/Shrub Wetland	422.08	0.48	1	-
PSS1F	Freshwater Forested/Shrub Wetland	889.55	1.31	3	-
PFO1E	Freshwater Forested/Shrub Wetland	331.13	0.48	1	0.48
PFO1E	Freshwater Forested/Shrub Wetland	294.11	0.94	-	0.94
PEM1E	Freshwater Emergent Wetland	679.27	1.10	2	-
PFO1A	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PUS	Freshwater Pond	62.47	0.09	-	-
PUS	Freshwater Pond	-	0.02	-	-
PUS	Freshwater Pond	47.46	0.05	-	-
PUS	Freshwater Pond	60.94	0.10	-	-
PUS	Freshwater Pond	-	0.08	-	-
PUS	Freshwater Pond	34.40	0.15	1	-
PFO	Freshwater Forested/Shrub Wetland	395.94	0.69	1	-
Total		**20,559.47 feet 3.89 miles**	**38.41 acres**	**39 structures**	**10.74 acres**
Marcy Southern Route 1					
PSS1E	Freshwater Forested/Shrub Wetland	323.16	0.87	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.25	-	-
PUBHx	Freshwater Pond	104.06	0.20	-	-
PEM1C	Freshwater Emergent Wetland	71.08	0.25	-	-
PEM1C	Freshwater Emergent Wetland	235.39	0.34	-	-
PFO1A	Freshwater Forested/Shrub Wetland	184.52	0.25	-	-
PEM1A	Freshwater Emergent Wetland	203.44	0.47	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
R3UBH	Riverine	52.61	0.14	1	-
PEM1Bd	Freshwater Emergent Wetland	99.43	0.28	-	-
PSS1C	Freshwater Forested/Shrub Wetland	646.39	1.30	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
R3UBH	Riverine	52.78	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	139.67	0.35	-	-
PUBHx	Freshwater Pond	-	0.10	-	-
PFO1/SS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	241.84	1.14	-	-
PFO1C	Freshwater Forested/Shrub Wetland	-	0.02	-	-
PSS1E	Freshwater Forested/Shrub Wetland	574.66	1.42	1	-
PEM1/SS1E	Freshwater Emergent Wetland	-	0.11	-	-
PEM1E	Freshwater Emergent Wetland	85.02	0.26	-	-
PFO1B	Freshwater Forested/Shrub Wetland	142.75	0.36	-	-
PEM1E	Freshwater Emergent Wetland	102.56	0.18	-	-
PFO1C	Freshwater Forested/Shrub Wetland	80.02	0.10	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO1C	Freshwater Forested/Shrub Wetland	104.50	0.24	-	-
PSS1E	Freshwater Forested/Shrub Wetland	59.77	0.28	-	-
PUBHh	Freshwater Pond	182.71	0.48	1	-
PFO1E	Freshwater Forested/Shrub Wetland	120.80	0.19	-	-
PEM1/SS1E	Freshwater Emergent Wetland	624.60	1.39	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHh	Freshwater Pond	207.04	0.44	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	367.81	0.96	-	-
PUBHh	Freshwater Pond	-	0.05	-	-
PSS1E	Freshwater Forested/Shrub Wetland	135.91	0.36	-	-
PEM1E	Freshwater Emergent Wetland	126.90	0.39	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.08	-	-
PUBHx	Freshwater Pond	-	0.03	-	-
PUBH	Freshwater Pond	-	0.03	-	-
R3UBH	Riverine	89.79	0.24	-	
PEM1C	Freshwater Emergent Wetland	431.30	0.96	1	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.11	-	-
PEM1A	Freshwater Emergent Wetland	209.92	0.51	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.12	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	331.08	0.84	-	-
PFO1E	Freshwater Forested/Shrub Wetland	25.69	0.16	-	-
PFO1A	Freshwater Forested/Shrub Wetland	285.92	0.66	-	-
PFO1E	Freshwater Forested/Shrub Wetland	106.06	0.27	-	-
PEM1F	Freshwater Emergent Wetland	59.24	0.16	-	-
R3UBH	Riverine	39.32	0.24	-	
PSS1/EM1E	Freshwater Forested/Shrub Wetland	103.53	0.22	-	-
PUBHx	Freshwater Pond	37.94	0.10	-	-
PEM1/SS1B	Freshwater Emergent Wetland	762.43	1.93	1	-
PEM1/SS1E	Freshwater Emergent Wetland	239.72	0.64	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PSS1E	Freshwater Forested/Shrub Wetland	162.13	0.33	-	-
PSS1E	Freshwater Forested/Shrub Wetland	108.09	0.26	1	-
PFO1E	Freshwater Forested/Shrub Wetland	305.31	0.72	-	-
R3UBH	Riverine	204.54	0.46	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	413.50	1.03	-	-
PUB/EM1Fh	Freshwater Pond	133.28	0.31	-	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.09	-	-
PUBHh	Freshwater Pond	40.40	0.12	-	-
PUBHx	Freshwater Pond	169.45	0.43	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	87.22	0.17	-	-
PSS1E	Freshwater Forested/Shrub Wetland	1,025.89	2.34	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PEM1E	Freshwater Emergent Wetland	56.01	0.13	-	-
PEM1E	Freshwater Emergent Wetland	149.89	0.23	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PEM1B	Freshwater Emergent Wetland	109.82	0.21	-	-
PFO1E	Freshwater Forested/Shrub Wetland	86.98	0.32	-	-
PFO1A	Freshwater Forested/Shrub Wetland	161.95	0.37	-	-
PFO1E	Freshwater Forested/Shrub Wetland	110.64	0.37	-	-
PEM1E	Freshwater Emergent Wetland	746.59	1.76	1	-
Pf	Other	74.21	0.14	-	-
PSS1Fb	Freshwater Forested/Shrub Wetland	236.00	0.40	-	-
PSS1E	Freshwater Forested/Shrub Wetland		0.01	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1E	Freshwater Forested/Shrub Wetland	121.99	0.32	-	-
PFO1B	Freshwater Forested/Shrub Wetland	1,108.89	2.86	1	-
PSS1Eh	Freshwater Forested/Shrub Wetland		0.04	-	-
PUBHx	Freshwater Pond	177.85	0.43	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	1,104.02	2.90	2	-
PEM1/SS1C	Freshwater Emergent Wetland	1,462.13	3.75	2	-
PFO1B	Freshwater Forested/Shrub Wetland	255.76	0.58	1	-
PUS	Freshwater Pond	62.12	0.12	-	-
PFO	Freshwater Forested/Shrub Wetland	1,588.88	4.05	3	-
PFO	Freshwater Forested/Shrub Wetland	449.91	1.13	-	-
PFO	Freshwater Forested/Shrub Wetland	288.16	0.58	-	-
PFO	Freshwater Forested/Shrub Wetland	1,076.85	3.78	4	-
PEM	Freshwater Emergent Wetland	314.49	0.81	1	-
Total		**20,384.33 feet 3.86 miles**	**52.37 acres**	**24 structures**	**0 acres**
Marcy Southern Route 2					
PSS1E	Freshwater Forested/Shrub Wetland	323.16	0.87	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.25	-	-
PUBHx	Freshwater Pond	104.06	0.20	-	-
PEM1E	Freshwater Emergent Wetland	-	0.49	-	-
PEM1/SS1C	Freshwater Emergent Wetland	-	0.05	-	-
PSS1E	Freshwater Forested/Shrub Wetland	1,367.80	4.64	2	-
PUBF	Freshwater Pond	-	0.13	-	-
PEM1C	Freshwater Emergent Wetland	71.08	0.25	-	-
PEM1C	Freshwater Emergent Wetland	235.39	0.34	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1A	Freshwater Forested/Shrub Wetland	184.52	0.25	-	-
PEM1A	Freshwater Emergent Wetland	203.44	0.47	-	-
R3UBH	Riverine	52.61	0.14	1	-
PEM1Bd	Freshwater Emergent Wetland	99.43	0.28	-	-
PEM1E	Freshwater Emergent Wetland	124.13	0.49	-	-
PSS1C	Freshwater Forested/Shrub Wetland	646.39	1.30	1	-
PFO1E	Freshwater Forested/Shrub Wetland		0.01	-	-
PFO1C	Freshwater Forested/Shrub Wetland	328.40	1.78	-	-
PSS1E	Freshwater Forested/Shrub Wetland		0.00	-	-
R3UBH	Riverine	52.78	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	139.67	0.35	-	-
PUBHh	Freshwater Pond		0.19	-	-
PUBHx	Freshwater Pond		0.10	-	-
PFO1/SS1E	Freshwater Forested/Shrub Wetland		0.01	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	241.84	1.14	-	-
PFO1C	Freshwater Forested/Shrub Wetland		0.02	-	-
PUBHh	Freshwater Pond		0.04	-	-
PSS1E	Freshwater Forested/Shrub Wetland	574.66	1.42	1	-
PEM1/SS1E	Freshwater Emergent Wetland		0.11	-	-
PFO1C	Freshwater Forested/Shrub Wetland	144.05	0.33	-	-
PEM1E	Freshwater Emergent Wetland	85.02	0.26	-	-
PFO1B	Freshwater Forested/Shrub Wetland	142.75	0.36	-	-
PEM1E	Freshwater Emergent Wetland	102.56	0.18	-	-
PFO1C	Freshwater Forested/Shrub Wetland	80.02	0.10	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO1C	Freshwater Forested/Shrub Wetland	104.50	0.24	-	-
PSS1E	Freshwater Forested/Shrub Wetland	59.77	0.28	-	-
PUBHh	Freshwater Pond	182.71	0.48	1	-
PFO1E	Freshwater Forested/Shrub Wetland	120.80	0.19	-	-
PEM1/SS1E	Freshwater Emergent Wetland	624.60	1.39	1	-
PSS1E	Freshwater Forested/Shrub Wetland	110.51	0.55	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PUBHh	Freshwater Pond	207.04	0.44	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	367.81	0.96	-	-
PUBH	Freshwater Pond	104.68	0.43	-	-
R3UBH	Riverine	40.97	0.50	-	-
PEM1/SS1E	Freshwater Emergent Wetland	204.81	1.16	-	-
R2UBH	Riverine	106.92	0.48	-	-
PUBHh	Freshwater Pond	-	0.05	-	-
PSS1E	Freshwater Forested/Shrub Wetland	135.91	0.36	-	-
PEM1C	Freshwater Emergent Wetland	467.83	1.21	1	-
PFO1E	Freshwater Forested/Shrub Wetland	613.73	2.80	1	-
PEM1C	Freshwater Emergent Wetland	80.62	0.20	-	-
PFO1A	Freshwater Forested/Shrub Wetland	133.48	0.44	-	-
PEM1E	Freshwater Emergent Wetland	126.90	0.39	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.08	-	-
PEM1C	Freshwater Emergent Wetland	163.56	0.52	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHx	Freshwater Pond	-	0.03	-	-
PUBH	Freshwater Pond	-	0.03	-	-
R3UBH	Riverine	89.79	0.24	-	-
PEM1C	Freshwater Emergent Wetland	431.30	0.96	1	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.11	-	-
PEM1A	Freshwater Emergent Wetland	209.92	0.51	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.12	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	331.08	0.84	-	-
PFO1E	Freshwater Forested/Shrub Wetland	25.69	0.16	-	-
PFO1A	Freshwater Forested/Shrub Wetland	285.92	0.66	-	-
PFO1E	Freshwater Forested/Shrub Wetland	106.06	0.27	-	-
PEM1F	Freshwater Emergent Wetland	59.24	0.16	-	-
PEM1C	Freshwater Emergent Wetland	-	0.18	-	-
R3UBH	Riverine	39.32	0.24	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	103.53	0.22	-	-
PUBHx	Freshwater Pond	37.94	0.10	-	-
PEM1/SS1B	Freshwater Emergent Wetland	762.43	1.93	1	-
PUBHh	Freshwater Pond	98.93	0.19	-	-
PEM1/SS1E	Freshwater Emergent Wetland	239.72	0.64	-	-
PSS1E	Freshwater Forested/Shrub Wetland	162.13	0.33	-	-
PSS1E	Freshwater Forested/Shrub Wetland	108.09	0.26	1	-
PFO1E	Freshwater Forested/Shrub Wetland	305.31	0.72	-	-
PSS1B	Freshwater Forested/Shrub Wetland	140.55	0.73	-	-
R3UBH	Riverine	204.54	0.46	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PEM1/SS1E	Freshwater Emergent Wetland	1,584.93	6.52	2	-
PFO1E	Freshwater Forested/Shrub Wetland	75.00	0.18	-	-
PEM1/SS1E	Freshwater Emergent Wetland	413.50	1.03	-	-
R1UBV	Riverine	1,400.65	4.96	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.07	-	-
PUB/EM1Fh	Freshwater Pond	133.28	0.31	-	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.09	-	-
PUBHh	Freshwater Pond	40.40	0.12	-	-
PUBHx	Freshwater Pond	169.45	0.43	-	-
PEM1E	Freshwater Emergent Wetland	414.58	1.55	1	-
PEM1E	Freshwater Emergent Wetland	112.05	0.28	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	87.22	0.17	-	-
PSS1E	Freshwater Forested/Shrub Wetland	1025.89	2.34	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PEM1E	Freshwater Emergent Wetland	56.01	0.13	-	-
PEM1E	Freshwater Emergent Wetland	149.89	0.23	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PEM1E	Freshwater Emergent Wetland	833.94	2.12	1	-
PEM1B	Freshwater Emergent Wetland	109.82	0.21	-	-
PFO1E	Freshwater Forested/Shrub Wetland	86.98	0.32	-	-
PFO1A	Freshwater Forested/Shrub Wetland	161.95	0.37	-	-
PFO1E	Freshwater Forested/Shrub Wetland	110.64	0.37	-	-
PEM1F	Freshwater Emergent Wetland	666.55	3.31	1	-
PEM1E	Freshwater Emergent Wetland	746.59	1.76	1	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHh	Freshwater Pond	76.18	0.14	1	-
Pf	Other	74.21	0.14	-	-
PSS1Fb	Freshwater Forested/Shrub Wetland	236.00	0.40	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PFO1E	Freshwater Forested/Shrub Wetland	121.99	0.32	-	-
PFO1B	Freshwater Forested/Shrub Wetland	1108.89	2.86	1	-
PEM1E	Freshwater Emergent Wetland	3,900.12	18.98	6	-
PSS1Eh	Freshwater Forested/Shrub Wetland	-	0.04	-	-
PUBHx	Freshwater Pond	177.85	0.43	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	1,104.02	2.90	2	-
PEM1/SS1C	Freshwater Emergent Wetland	1,462.13	3.75	2	-
PEM1/SS1C	Freshwater Emergent Wetland	92.14	0.50	-	-
PFO1B	Freshwater Forested/Shrub Wetland	255.76	0.58	1	-
PUS	Freshwater Pond	33.79	0.09	-	-
PUS	Freshwater Pond	62.12	0.12	-	-
PFO	Freshwater Forested/Shrub Wetland	1,588.88	4.05	3	-
PFO	Freshwater Forested/Shrub Wetland	449.91	1.13	-	-
PFO	Freshwater Forested/Shrub Wetland	288.16	0.58	-	-
PFO	Freshwater Forested/Shrub Wetland	1,076.85	3.78	3	-
PEM	Freshwater Emergent Wetland	314.49	0.81	1	-
Total		**33,805.23 feet 6.40 miles**	**108.63 acres**	**40 structures**	**0 acres**
Marcy Northern Route					
PSS1E	Freshwater Forested/Shrub Wetland	323.16	0.87	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.25	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PEM1E	Freshwater Emergent Wetland	-	0.01	-	-
PUBHx	Freshwater Pond	104.06	0.20	-	-
PSS1E	Freshwater Forested/Shrub Wetland	313.00	0.84	-	0.84
PSS1E	Freshwater Forested/Shrub Wetland	-	1.03	-	1.03
PEM1C	Freshwater Emergent Wetland	71.08	0.25	-	-
PEM1C	Freshwater Emergent Wetland	235.39	0.34	-	-
PFO1A	Freshwater Forested/Shrub Wetland	184.52	0.25	-	-
PEM1A	Freshwater Emergent Wetland	203.44	0.47	-	-
R3UBH	Riverine	52.61	0.14	1	-
PSS1C	Freshwater Forested/Shrub Wetland	646.39	1.30	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
R3UBH	Riverine	52.78	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	139.67	0.35	-	-
PFO1E	Freshwater Forested/Shrub Wetland	591.14	1.43	1	1.43
PUBHx	Freshwater Pond	-	0.10	-	-
PFO1/SS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	241.84	1.14	-	-
PFO1C	Freshwater Forested/Shrub Wetland	-	0.02	-	-
PSS1E	Freshwater Forested/Shrub Wetland	574.66	1.42	1	-
PEM1/SS1E	Freshwater Emergent Wetland	-	0.11	-	-
PEM1E	Freshwater Emergent Wetland	85.02	0.26	-	-
PEM1B	Freshwater Emergent Wetland	182.71	0.45	-	-
PEM1E	Freshwater Emergent Wetland	102.56	0.18	-	-
PFO1A	Freshwater Forested/Shrub Wetland	113.92	0.21	-	0.21

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1C	Freshwater Forested/Shrub Wetland	80.02	0.10	-	-
PSS1C	Freshwater Forested/Shrub Wetland	507.97	1.09	-	1.09
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO1C	Freshwater Forested/Shrub Wetland	104.50	0.24	-	-
PSS1E	Freshwater Forested/Shrub Wetland	59.77	0.28	-	-
PUBHh	Freshwater Pond	182.71	0.48	1	-
PFO1E	Freshwater Forested/Shrub Wetland	120.80	0.19	-	-
PEM1/SS1E	Freshwater Emergent Wetland	624.60	1.39	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PUBHh	Freshwater Pond	207.04	0.44	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	498.25	1.47	1	1.47
PEM1/SS1E	Freshwater Emergent Wetland	367.81	0.96	-	-
PUBH	Freshwater Pond	587.80	1.43	1	-
PUBHh	Freshwater Pond	-	0.05	-	-
PSS1E	Freshwater Forested/Shrub Wetland	135.91	0.36	-	-
PFO1E	Freshwater Forested/Shrub Wetland	6,207.58	14.27	9	14.27
PEM1E	Freshwater Emergent Wetland	126.90	0.39	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.08	-	-
PUBHx	Freshwater Pond	-	0.03	-	-
PUBH	Freshwater Pond	-	0.03	-	-
R3UBH	Riverine	89.79	0.24	-	-
PEM1C	Freshwater Emergent Wetland	431.30	0.96	1	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1B	Freshwater Forested/Shrub Wetland	-	0.11	-	-
PEM1A	Freshwater Emergent Wetland	209.92	0.51	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.12	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	331.08	0.84	-	-
PFO1E	Freshwater Forested/Shrub Wetland	25.69	0.16	-	-
PFO1A	Freshwater Forested/Shrub Wetland	285.92	0.66	-	-
PFO1E	Freshwater Forested/Shrub Wetland	106.06	0.27	-	-
PEM1F	Freshwater Emergent Wetland	59.24	0.16	-	-
R3UBH	Riverine	39.32	0.24	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	103.53	0.22	-	-
PUBHh	Freshwater Pond	134.30	0.23	-	-
PEM1/SS1E	Freshwater Emergent Wetland	239.72	0.64	-	-
PSS1E	Freshwater Forested/Shrub Wetland	162.13	0.33	-	-
PSS1E	Freshwater Forested/Shrub Wetland	108.09	0.26	1	-
PFO1E	Freshwater Forested/Shrub Wetland	305.31	0.72	-	-
PSS1B	Freshwater Forested/Shrub Wetland	-	0.04	-	0.04
R3UBH	Riverine	204.54	0.46	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	1,284.89	3.33	1	-
PFO1E	Freshwater Forested/Shrub Wetland	259.41	0.64	-	0.64
PEM1/SS1E	Freshwater Emergent Wetland	413.50	1.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	143.26	0.37	-	0.37
PUB/EM1Fh	Freshwater Pond	133.28	0.31	-	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.09	-	-
PUBHh	Freshwater Pond	40.40	0.12	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PUBHx	Freshwater Pond	169.45	0.43	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	87.22	0.17	-	-
PUBHx	Freshwater Pond	131.34	0.29	-	-
PSS1E	Freshwater Forested/Shrub Wetland	1,025.89	2.34	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PEM1A	Freshwater Emergent Wetland	-	0.03	-	
PEM1E	Freshwater Emergent Wetland	56.01	0.13	-	-
PEM1E	Freshwater Emergent Wetland	149.89	0.23	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PFO4/1E	Freshwater Forested/Shrub Wetland	227.46	0.50	-	0.50
PEM1E	Freshwater Emergent Wetland	777.36	1.93	1	-
PEM1B	Freshwater Emergent Wetland	109.82	0.21	-	-
PFO1E	Freshwater Forested/Shrub Wetland	86.98	0.32	-	-
PFO1A	Freshwater Forested/Shrub Wetland	161.95	0.37	-	-
PFO1E	Freshwater Forested/Shrub Wetland	110.64	0.37	-	-
PSS4/EM1B	Freshwater Forested/Shrub Wetland	-	0.10	-	0.10
PEM1F	Freshwater Emergent Wetland	-	0.06	-	-
PEM1E	Freshwater Emergent Wetland	746.59	1.76	1	-
PUBHh	Freshwater Pond	90.58	0.24	-	-
Pf	Other	74.21	0.14	-	-
PFO1E	Freshwater Forested/Shrub Wetland	172.10	0.33	-	0.33
PSS1Fb	Freshwater Forested/Shrub Wetland	236.00	0.40	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PFO1E	Freshwater Forested/Shrub Wetland	121.99	0.32	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1E	Freshwater Forested/Shrub Wetland	531.84	1.22	1	1.22
PFO1B	Freshwater Forested/Shrub Wetland	1,108.89	2.86	1	-
PEM1E	Freshwater Emergent Wetland	356.47	1.25	-	-
PUBH	Freshwater Pond	-	0.02	-	-
PSS1Eh	Freshwater Forested/Shrub Wetland	-	0.04	-	-
PUBHx	Freshwater Pond	177.85	0.43	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	1,104.02	2.90	2	-
PEM1/SS1C	Freshwater Emergent Wetland	1,462.13	3.75	2	-
PFO1B	Freshwater Forested/Shrub Wetland	255.76	0.58	1	-
PUS	Freshwater Pond	2.22	0.10	-	-
PUS	Freshwater Pond	60.11	0.12	-	-
PUS	Freshwater Pond	76.81	0.18	-	-
PUS	Freshwater Pond	174.37	0.39	-	-
PUS	Freshwater Pond	173.75	0.43	-	-
PUS	Freshwater Pond	49.53	0.06	-	-
PUS	Freshwater Pond	205.86	0.46	-	-
PUS	Freshwater Pond	13.53	0.08	-	-
PUS	Freshwater Pond	149.03	0.34	-	-
PUS	Freshwater Pond		0.10	-	-
PUS	Freshwater Pond	94.80	0.15	-	-
PUS	Freshwater Pond		0.00	-	-
PUS	Freshwater Pond		0.00	-	-
PFO	Freshwater Forested/Shrub Wetland	508.29	1.28	1	1.28
Total		**30,181.07 feet 5.72 miles**	**75.71 acres**	**31 structures**	**24.82 acres**

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
Knickerbocker Route					
PSS1E	Freshwater Forested/Shrub Wetland	323.16	0.87	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.25	-	-
PUBHx	Freshwater Pond	104.06	0.20	-	-
PEM1C	Freshwater Emergent Wetland	71.08	0.25	-	-
PEM1C	Freshwater Emergent Wetland	235.39	0.34	-	-
PFO1A	Freshwater Forested/Shrub Wetland	184.52	0.25	-	-
PEM1A	Freshwater Emergent Wetland	203.44	0.47	-	-
R3UBH	Riverine	52.61	0.14	1	-
PSS1C	Freshwater Forested/Shrub Wetland	646.39	1.30	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
R3UBH	Riverine	52.78	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	139.67	0.35	-	-
PUBHx	Freshwater Pond	-	0.10	-	-
PFO1/SS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	241.84	1.14	-	-
PFO1C	Freshwater Forested/Shrub Wetland	-	0.02	-	-
PSS1E	Freshwater Forested/Shrub Wetland	574.66	1.42	1	-
PEM1/SS1E	Freshwater Emergent Wetland	-	0.11	-	-
PEM1E	Freshwater Emergent Wetland	85.02	0.26	-	-
PEM1E	Freshwater Emergent Wetland	102.56	0.18	-	-
PFO1C	Freshwater Forested/Shrub Wetland	80.02	0.10	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PFO1C	Freshwater Forested/Shrub Wetland	104.50	0.24	-	-
PSS1E	Freshwater Forested/Shrub Wetland	59.77	0.28	-	-
PUBHh	Freshwater Pond	182.71	0.48	1	-
PFO1E	Freshwater Forested/Shrub Wetland	120.80	0.19	-	-
PEM1/SS1E	Freshwater Emergent Wetland	624.60	1.39	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PUBHh	Freshwater Pond	207.04	0.44	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	367.81	0.96	-	-
PUBHh	Freshwater Pond	-	0.05	-	-
PSS1E	Freshwater Forested/Shrub Wetland	135.91	0.36	-	-
PEM1E	Freshwater Emergent Wetland	126.90	0.39	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.08	-	-
PUBHx	Freshwater Pond	-	0.03	-	-
PUBH	Freshwater Pond	-	0.03	-	-
R3UBH	Riverine	89.79	0.24	-	-
PEM1C	Freshwater Emergent Wetland	431.30	0.96	1	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.11	-	-
PEM1A	Freshwater Emergent Wetland	209.92	0.51	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.12	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	331.08	0.84	-	-
PFO1E	Freshwater Forested/Shrub Wetland	25.69	0.16	-	-
PFO1A	Freshwater Forested/Shrub Wetland	285.92	0.66	-	-
PFO1E	Freshwater Forested/Shrub Wetland	106.06	0.27	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PEM1F	Freshwater Emergent Wetland	59.24	0.16	-	-
R3UBH	Riverine	39.32	0.24	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	103.53	0.22	-	-
PEM1/SS1E	Freshwater Emergent Wetland	239.72	0.64	-	-
PSS1E	Freshwater Forested/Shrub Wetland	162.13	0.33	-	-
PSS1E	Freshwater Forested/Shrub Wetland	108.09	0.26	1	-
PFO1E	Freshwater Forested/Shrub Wetland	305.31	0.72	-	-
R3UBH	Riverine	204.54	0.46	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	-	0.03	-	-
PEM1/SS1E	Freshwater Emergent Wetland	413.50	1.03	-	-
PUB/EM1Fh	Freshwater Pond	133.28	0.31	-	-
PFO1B	Freshwater Forested/Shrub Wetland	-	0.09	-	-
PUBHh	Freshwater Pond	40.40	0.12	-	-
PUBHx	Freshwater Pond	169.45	0.43	-	-
PFO1E	Freshwater Forested/Shrub Wetland	169.45	0.07	-	-
PSS1E	Freshwater Forested/Shrub Wetland	87.22	0.17	-	-
PSS1E	Freshwater Forested/Shrub Wetland	1,025.89	2.34	1	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PEM1E	Freshwater Emergent Wetland	56.01	0.13	-	-
PEM1E	Freshwater Emergent Wetland	149.89	0.23	-	-
PFO1E	Freshwater Forested/Shrub Wetland	-	0.00	-	-
PEM1B	Freshwater Emergent Wetland	109.82	0.21	-	-
PFO1E	Freshwater Forested/Shrub Wetland	86.98	0.32	-	-
PFO1A	Freshwater Forested/Shrub Wetland	161.95	0.37	-	-
PFO1E	Freshwater Forested/Shrub Wetland	110.64	0.37	-	-

Table 3.2 Mapped NWI Wetlands Within the Marcy/Edic to Pleasant Valley Project Area

Wetland Type	Wetland Type	Distance Crossed by ROW (Feet)	Area within ROW (Acres)	Anticipated Number of Structures Within Wetland	Anticipated Area of Cover Type Conversion (Acres)
PEM1E	Freshwater Emergent Wetland	746.59	1.76	1	-
Pf	Other	74.21	0.14	-	-
PSS1Fb	Freshwater Forested/Shrub Wetland	236.00	0.40	-	-
PSS1E	Freshwater Forested/Shrub Wetland	-	0.01	-	-
PFO1E	Freshwater Forested/Shrub Wetland	121.99	0.32	-	-
PFO1B	Freshwater Forested/Shrub Wetland	1,108.89	2.86	1	-
PSS1Eh	Freshwater Forested/Shrub Wetland	-	0.04	-	-
PUBHx	Freshwater Pond	177.85	0.43	-	-
PSS1/EM1E	Freshwater Forested/Shrub Wetland	1,104.02	2.90	2	-
PEM1/SS1C	Freshwater Emergent Wetland	1,462.13	3.75	2	-
PFO1B	Freshwater Forested/Shrub Wetland	255.76	0.58	1	-
Total		**15,561.37 feet 2.95 miles**	**39.22 acres**	**15 structures**	**0 acres**
Source:	USFWS NWI Wetlands http://www.fws.gov/wetlands/				

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
Thruway Route									
02020004000584	Auries Creek	02020004	Auries Creek-Mohawk River	C	2	70.23	TBD	TBD	TBD
02020004001049	Revine Creek	02020004	Auries Creek-Mohawk River	C	1	70.63	TBD	TBD	TBD
02020004005626		02020004	Auries Creek-Mohawk River	C	1	70.00	TBD	TBD	TBD
02020004005632		02020004	Auries Creek-Mohawk River	C	1	1,088.42	TBD	TBD	TBD
02020004005653		02020004	Auries Creek-Mohawk River	C	1	70.03	TBD	TBD	TBD
02020004001252		02020004	Beaver Brook-Mohawk River	C	1	80.93	TBD	TBD	TBD
02020004001253		02020004	Beaver Brook-Mohawk River	C	1	73.12	TBD	TBD	TBD
02020004005200		02020004	Beaver Brook-Mohawk River	C	1	71.09	TBD	TBD	TBD
02020004005234		02020004	Beaver Brook-Mohawk River	C	1	74.52	TBD	TBD	TBD
02020004005255		02020004	Beaver Brook-Mohawk River	C	1	72.68	TBD	TBD	TBD
02020004005257		02020004	Beaver Brook-Mohawk River	C	1	124.29	TBD	TBD	TBD
02020004005276		02020004	Beaver Brook-Mohawk River	C	1	94.91	TBD	TBD	TBD
02020004005287		02020004	Beaver Brook-Mohawk River	C	1	121.65	TBD	TBD	TBD
02020004014298		02020004	Beaver Brook-Mohawk River	B	1	82.52	TBD	TBD	TBD
02020004001442	Pratt Creek	02020004	Bridenbecker Creek-Mohawk River	C	1	70.15	TBD	TBD	TBD
02020004001447	Bridenbecker Creek	02020004	Bridenbecker Creek-Mohawk River	C	1	71.22	TBD	TBD	TBD
02020004001454		02020004	Bridenbecker Creek-Mohawk River	C	1	79.85	TBD	TBD	TBD
02020004001455		02020004	Bridenbecker Creek-Mohawk River	C	1	75.94	TBD	TBD	TBD
02020004003069	Mohawk River	02020004	Bridenbecker Creek-Mohawk River	B	1	123.53	TBD	TBD	TBD
02020004004901		02020004	Bridenbecker Creek-Mohawk River	C	1	71.35	TBD	TBD	TBD
02020004004935		02020004	Bridenbecker Creek-Mohawk River	C	1	116.64	TBD	TBD	TBD
02020004004936		02020004	Bridenbecker Creek-Mohawk River	C	1	77.18	TBD	TBD	TBD
02020004004961		02020004	Bridenbecker Creek-Mohawk River	C	1	73.04	TBD	TBD	TBD
02020004005023		02020004	Bridenbecker Creek-Mohawk River	B	1	75.15	TBD	TBD	TBD
02020004005067		02020004	Bridenbecker Creek-Mohawk River	B	1	74.59	TBD	TBD	TBD
02020004005112		02020004	Bridenbecker Creek-Mohawk River	B	1	70.08	TBD	TBD	TBD
02020004001405		02020004	Crane Creek-Mohawk River	C	1	113.58	TBD	TBD	TBD
02020004001406	Gridley Creek	02020004	Crane Creek-Mohawk River	C	1	84.19	TBD	TBD	TBD
02020004001407	Gridley Creek	02020004	Crane Creek-Mohawk River	C	1	96.90	TBD	TBD	TBD
02020004004384		02020004	Crane Creek-Mohawk River	C	1	75.29	TBD	TBD	TBD
02020004004563		02020004	Crane Creek-Mohawk River	D	1	70.20	TBD	TBD	TBD
02020004001240		02020004	Crum Creek-Mohawk River	C	1	70.40	TBD	TBD	TBD
02020004001243		02020004	Crum Creek-Mohawk River	C	1	70.13	TBD	TBD	TBD
02020004001247		02020004	Crum Creek-Mohawk River	C	1	73.04	TBD	TBD	TBD
02020004001248		02020004	Crum Creek-Mohawk River	C	1	80.17	TBD	TBD	TBD
02020004005173		02020004	Crum Creek-Mohawk River	C	1	71.28	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004005223		02020004	Crum Creek-Mohawk River	C	1	76.73	TBD	TBD	TBD
02020004005224		02020004	Crum Creek-Mohawk River	C	1	71.61	TBD	TBD	TBD
02020004006812		02020004	Crum Creek-Mohawk River	C	1	85.93	TBD	TBD	TBD
02020004000742	Terwilleger Creek	02020004	Evas Kill-Mohawk River	C	1	74.49	TBD	TBD	TBD
02020004001013		02020004	Evas Kill-Mohawk River	C	1	85.28	TBD	TBD	TBD
02020004001014		02020004	Evas Kill-Mohawk River	C	1	211.51	TBD	TBD	TBD
02020004001016		02020004	Evas Kill-Mohawk River	C	1	71.33	TBD	TBD	TBD
02020004001021		02020004	Evas Kill-Mohawk River	C	1	83.21	TBD	TBD	TBD
02020004005841		02020004	Evas Kill-Mohawk River	C	1	70.77	TBD	TBD	TBD
02020004005879		02020004	Evas Kill-Mohawk River	C	1	72.50	TBD	TBD	TBD
02020004005898		02020004	Evas Kill-Mohawk River	C	1	76.41	TBD	TBD	TBD
02020004000669	Knapp Brook	02020004	Ferguson Creek-Mohawk River	C	1	77.76	TBD	TBD	TBD
02020004001421	Burch Creek	02020004	Ferguson Creek-Mohawk River	C	1	70.73	TBD	TBD	TBD
02020004001422		02020004	Ferguson Creek-Mohawk River	C	1	73.83	TBD	TBD	TBD
02020004004757		02020004	Ferguson Creek-Mohawk River	C	1	72.50	TBD	TBD	TBD
02020004004758		02020004	Ferguson Creek-Mohawk River	C	1	6.04	TBD	TBD	TBD
02020004000570	Flat Creek	02020004	Flat Creek-Mohawk River	C	2	75.20	TBD	TBD	TBD
02020004001081	Lasher Creek	02020004	Flat Creek-Mohawk River	B	1	70.29	TBD	TBD	TBD
02020004001116		02020004	Flat Creek-Mohawk River	C	1	88.84	TBD	TBD	TBD
02020004005900		02020004	Flat Creek-Mohawk River	C	1	70.71	TBD	TBD	TBD
02020004005905		02020004	Flat Creek-Mohawk River	C	1	75.51	TBD	TBD	TBD
02020004005915		02020004	Flat Creek-Mohawk River	C	1	142.83	TBD	TBD	TBD
02020004009352	Otsquago Creek	02020004	Fort Plain-Otsquago Creek	B	1	71.06	TBD	TBD	TBD
02020004000554	Canajoharie Creek	02020004	Lower Canajoharie Creek	C	1	73.07	TBD	TBD	TBD
02020004001150		02020004	Mother Creek-Mohawk River	C	1	76.08	TBD	TBD	TBD
02020004001206		02020004	Mother Creek-Mohawk River	C	2	76.52	TBD	TBD	TBD
02020004001207		02020004	Mother Creek-Mohawk River	C	1	136.19	TBD	TBD	TBD
02020004001212		02020004	Mother Creek-Mohawk River	C	1	127.35	TBD	TBD	TBD
02020004005483		02020004	Mother Creek-Mohawk River	C	1	70.06	TBD	TBD	TBD
02020004005540		02020004	Mother Creek-Mohawk River	C	1	104.89	TBD	TBD	TBD
02020004005613		02020004	Mother Creek-Mohawk River	C	1	75.11	TBD	TBD	TBD
02020004005666		02020004	Mother Creek-Mohawk River	C	1	92.58	TBD	TBD	TBD
02020004005751		02020004	Mother Creek-Mohawk River	C	1	70.00	TBD	TBD	TBD
02020004005774		02020004	Mother Creek-Mohawk River	C	1	76.75	TBD	TBD	TBD
02020004005856		02020004	Mother Creek-Mohawk River	C	1	70.73	TBD	TBD	TBD
02020004006823	Nowadaga Creek	02020004	Nowadaga Creek	C	1	73.97	TBD	TBD	TBD
02020004006834		02020004	Nowadaga Creek	C	1	72.00	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004006835		02020004	Nowadaga Creek	C	1	72.73	TBD	TBD	TBD
02020004000983	Poentic Kill	02020004	Poentic Kill-Mohawk River	B	1	70.54	TBD	TBD	TBD
02020004000717	Reall Creek	02020004	Reall Creek-Mohawk River	C	1	70.01	TBD	TBD	TBD
02020004001417		02020004	Reall Creek-Mohawk River	C	1	72.91	TBD	TBD	TBD
02020004004624		02020004	Reall Creek-Mohawk River	C	1	80.02	TBD	TBD	TBD
02020004004635		02020004	Reall Creek-Mohawk River	C	1	78.50	TBD	TBD	TBD
02020004004723	Wood Creek	02020004	Reall Creek-Mohawk River	C	1	74.42	TBD	TBD	TBD
02020004004732		02020004	Reall Creek-Mohawk River	C	1	70.13	TBD	TBD	TBD
02020004006386	Budlong Creek	02020004	Reall Creek-Mohawk River	C	1	70.65	TBD	TBD	TBD
02020004000707	Plotter Kill	02020004	Sandsea Kill-Mohawk River	C	1	70.59	TBD	TBD	TBD
02020004000720	Sandsea Kill	02020004	Sandsea Kill-Mohawk River	C	1	70.49	TBD	TBD	TBD
02020004005943		02020004	Sandsea Kill-Mohawk River	C	1	83.08	TBD	TBD	TBD
02020004005960		02020004	Sandsea Kill-Mohawk River	C	1	70.22	TBD	TBD	TBD
02020004006005		02020004	Sandsea Kill-Mohawk River	C	1	76.36	TBD	TBD	TBD
02020004006065		02020004	Sandsea Kill-Mohawk River	C	1	83.10	TBD	TBD	TBD
02020004006558	Moccasin Kill	02020004	Sandsea Kill-Mohawk River	C	1	73.48	TBD	TBD	TBD
02020004000594	South Chuctanunda Creek	02020004	South Chuctanunda Creek	C	1	73.76	TBD	TBD	TBD
02020004001023		02020004	South Chuctanunda Creek	C	1	77.96	TBD	TBD	TBD
02020004000432	Sterling Creek	02020004	Sterling Creek	C	1	72.17	TBD	TBD	TBD
02020004000581	Yatesville Creek	02020004	Yatesville Creek-Mohawk River	C	1	82.38	TBD	TBD	TBD
02020004001070	Van Wie Creek	02020004	Yatesville Creek-Mohawk River	C	1	70.58	TBD	TBD	TBD
02020004005603		02020004	Yatesville Creek-Mohawk River	C	1	77.04	TBD	TBD	TBD
02020004005608		02020004	Yatesville Creek-Mohawk River	C	2	242.71	TBD	TBD	TBD
02020004005633		02020004	Yatesville Creek-Mohawk River	C	1	70.79	TBD	TBD	TBD
02020004005652		02020004	Yatesville Creek-Mohawk River	C	1	70.25	TBD	TBD	TBD
02020004001213		02020004	Zimmerman Creek-Mohawk River	C	1	76.22	TBD	TBD	TBD
02020004005340		02020004	Zimmerman Creek-Mohawk River	C	1	85.95	TBD	TBD	TBD
02020004005372		02020004	Zimmerman Creek-Mohawk River	C	1	79.11	TBD	TBD	TBD
02020004005393		02020004	Zimmerman Creek-Mohawk River	C	1	73.14	TBD	TBD	TBD
02020004006837		02020004	Zimmerman Creek-Mohawk River	C	1	73.27	TBD	TBD	TBD
02020005003728	Schoharie Creek	02020005	Irish Creek-Schoharie Creek	C	1	70.35	TBD	TBD	TBD
02020006004949	Kaaterskill Creek	02020006	Beaver Kill-Kaaterskill Creek	B	1	70.00	TBD	TBD	TBD
02020006005157		02020006	Beaver Kill-Kaaterskill Creek	C	1	78.27	TBD	TBD	TBD
02020006005166		02020006	Beaver Kill-Kaaterskill Creek	C	1	94.11	TBD	TBD	TBD
02020006005218		02020006	Beaver Kill-Kaaterskill Creek	C	1	1306.92	TBD	TBD	TBD
02020006005294		02020006	Beaver Kill-Kaaterskill Creek	C	1	70.56	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006005298		02020006	Beaver Kill-Kaaterskill Creek	C	1	1508.38	TBD	TBD	TBD
02020006006067		02020006	Beaver Kill-Kaaterskill Creek	C	1	70.68	TBD	TBD	TBD
02020006000574		02020006	Coxsackie Creek	C	1	220.70	TBD	TBD	TBD
02020006000580	Sickles Creek	02020006	Coxsackie Creek	C	1	70.36	TBD	TBD	TBD
02020006000581		02020006	Coxsackie Creek	C	1	101.84	TBD	TBD	TBD
02020006000585		02020006	Coxsackie Creek	C	1	70.57	TBD	TBD	TBD
02020006003941		02020006	Coxsackie Creek	C	1	75.78	TBD	TBD	TBD
02020006004009		02020006	Coxsackie Creek	C	1	75.75	TBD	TBD	TBD
02020006004010		02020006	Coxsackie Creek	C	1	131.37	TBD	TBD	TBD
02020006000242	Hannacrois Creek	02020006	Hannacrois Creek	C(T)	1	70.01	TBD	TBD	TBD
02020006003508		02020006	Hannacrois Creek	C	1	70.74	TBD	TBD	TBD
02020006003517		02020006	Hannacrois Creek	C	1	70.34	TBD	TBD	TBD
02020006003553		02020006	Hannacrois Creek	C	1	87.12	TBD	TBD	TBD
02020006000249	Hans Vosen Kill	02020006	Hans Vosen Kill-Catskill Creek	C	2	223.66	TBD	TBD	TBD
02020006004550		02020006	Hans Vosen Kill-Catskill Creek	C	1	78.15	TBD	TBD	TBD
02020006004609		02020006	Hans Vosen Kill-Catskill Creek	C	1	15.17	TBD	TBD	TBD
02020006004612		02020006	Hans Vosen Kill-Catskill Creek	C	1	17.13	TBD	TBD	TBD
02020006004644		02020006	Hans Vosen Kill-Catskill Creek	C	2	154.72	TBD	TBD	TBD
02020006004842	Catskill Creek	02020006	Hans Vosen Kill-Catskill Creek	B	1	72.90	TBD	TBD	TBD
02020006000664		02020006	Indian House Creek-Normans Kill	C(T)	1	534.02	TBD	TBD	TBD
02020006002077		02020006	Indian House Creek-Normans Kill	C	1	72.66	TBD	TBD	TBD
02020006002079		02020006	Indian House Creek-Normans Kill	C	1	80.30	TBD	TBD	TBD
02020006000569		02020006	Murderers Creek-Hudson River	C	1	71.96	TBD	TBD	TBD
02020006003241		02020006	Onesquethaw Creek	C	1	74.43	TBD	TBD	TBD
02020006007085	Coeymans Creek	02020006	Onesquethaw Creek	C(TS)	1	80.66	TBD	TBD	TBD
02020006000375	Plattekill Creek	02020006	Plattekill Creek-Esopus Creek	B	1	86.15	TBD	TBD	TBD
02020006006199		02020006	Plattekill Creek-Esopus Creek	C	1	75.12	TBD	TBD	TBD
02020006006346		02020006	Plattekill Creek-Esopus Creek	C	1	108.40	TBD	TBD	TBD
02020006006479		02020006	Plattekill Creek-Esopus Creek	D	1	95.40	TBD	TBD	TBD
02020006006627		02020006	Plattekill Creek-Esopus Creek	B	2	72.61	TBD	TBD	TBD
02020006006693		02020006	Plattekill Creek-Esopus Creek	C	1	71.06	TBD	TBD	TBD
02020006000317	Saw Kill	02020006	Saw Kill	B	1	79.83	TBD	TBD	TBD
02020006005136		02020006	Sawyer Kill-Hudson River	C	1	70.00	TBD	TBD	TBD
02020006005140		02020006	Sawyer Kill-Hudson River	C	1	81.07	TBD	TBD	TBD
02020006005568		02020006	Sawyer Kill-Hudson River	C	1	94.27	TBD	TBD	TBD
02020006005573		02020006	Sawyer Kill-Hudson River	C	1	70.20	TBD	TBD	TBD
02020006005828		02020006	Sawyer Kill-Hudson River	C	1	97.33	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006005882		02020006	Sawyer Kill-Hudson River	C	1	70.17	TBD	TBD	TBD
02020006000322	Esopus Creek	02020006	Stony Creek-Esopus Creek	B(T)	1	70.50	TBD	TBD	TBD
02020006006877		02020006	Stony Creek-Esopus Creek	C	1	631.21	TBD	TBD	TBD
02020006006923		02020006	Stony Creek-Esopus Creek	B	1	71.00	TBD	TBD	TBD
02020006000623	Binnen Kill	02020006	Vlockie Kill-Hudson River	C	1	70.58	TBD	TBD	TBD
02020006000236	Vloman Kill	02020006	Vloman Kill	C	1	70.47	TBD	TBD	TBD
02020006000189	Normans Kill	02020006	Vly Creek-Normans Kill	C	1	71.13	TBD	TBD	TBD
02020006002401		02020006	Vly Creek-Normans Kill	A	1	70.15	TBD	TBD	TBD
02020006002456	Krum Kill	02020006	Vly Creek-Normans Kill	C(T)	1	72.84	TBD	TBD	TBD
02020006002643		02020006	Vly Creek-Normans Kill	C	1	75.65	TBD	TBD	TBD
02020007003093		02020007	Kleine Kill-Wallkill River	C	1	89.10	TBD	TBD	TBD
02020007000003	Wallkill River	02020007	Swarte Kill-Wallkill River	B	1	79.03	TBD	TBD	TBD
02020007000300	Swarte Kill	02020007	Swarte Kill-Wallkill River	B	2	73.34	TBD	TBD	TBD
02020007003127		02020007	Swarte Kill-Wallkill River	C	1	80.42	TBD	TBD	TBD
02020007003131		02020007	Swarte Kill-Wallkill River	C	1	84.72	TBD	TBD	TBD
02020007003163		02020007	Swarte Kill-Wallkill River	C	1	70.10	TBD	TBD	TBD
02020007003164		02020007	Swarte Kill-Wallkill River	B	1	232.25	TBD	TBD	TBD
02020007000004	Rondout Creek	02020007	Twaalfskill Brook-Roundout Creek	B	1	80.76	TBD	TBD	TBD
02020007002197		02020007	Twaalfskill Brook-Roundout Creek	A	2	166.53	TBD	TBD	TBD
02020007002200		02020007	Twaalfskill Brook-Roundout Creek	A	1	742.98	TBD	TBD	TBD
02020007007218		02020007	Twaalfskill Brook-Roundout Creek	A	1	74.51	TBD	TBD	TBD
02020008000959	Black Creek	02020008	Black Creek	A(T)	1	105.82	TBD	TBD	TBD
02020008001007		02020008	Black Creek	A(T)	1	70.00	TBD	TBD	TBD
02020008002466		02020008	Black Creek	B(T)	1	30.29	TBD	TBD	TBD
02020008002496		02020008	Black Creek	B(T)	1	452.24	TBD	TBD	TBD
02020008000656	Fall Kill	02020008	Fall Kill	C	1	79.41	TBD	TBD	TBD
02020008000657	Fall Kill	02020008	Fall Kill	C	1	87.27	TBD	TBD	TBD
02020008000665		02020008	Fall Kill	C	1	163.88	TBD	TBD	TBD
02020008000775		02020008	Great Spring Creek-Wappinger Creek	B	1	86.28	TBD	TBD	TBD
02020008002432		02020008	Great Spring Creek-Wappinger Creek	B	1	70.22	TBD	TBD	TBD
02020008002454		02020008	Great Spring Creek-Wappinger Creek	B	1	72.34	TBD	TBD	TBD
02020008000142	Hudson River	02020008	Twaalfskill Creek-Hudson River	A	1	70.41	TBD	TBD	TBD
02020008000966		02020008	Twaalfskill Creek-Hudson River	C	1	105.15	TBD	TBD	TBD
02020008000985	Casper Creek	02020008	Twaalfskill Creek-Hudson River	C	1	75.12	TBD	TBD	TBD
02020008002497		02020008	Twaalfskill Creek-Hudson River	C	1	70.17	TBD	TBD	TBD
02020008002502		02020008	Twaalfskill Creek-Hudson River	C	1	682.87	TBD	TBD	TBD
02020008002508		02020008	Twaalfskill Creek-Hudson River	C	1	75.60	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020008006949		02020008	Twaalfskill Creek-Hudson River	C	1	171.02	TBD	TBD	TBD
Total					**193**	**21738.47 feet**			
Marcy Southern Route 1									
02020004001408		02020004	Crane Creek-Mohawk River	C	1	588.72	TBD	TBD	TBD
02020004004413		02020004	Crane Creek-Mohawk River	C	1	177.74	TBD	TBD	TBD
02020004000717	Reall Creek	02020004	Reall Creek-Mohawk River	C	1	110.94	TBD	TBD	TBD
02020004004690		02020004	Reall Creek-Mohawk River	C	1	121.47	TBD	TBD	TBD
02020004004548		02020004	Reall Creek-Mohawk River	C	1	113.99	TBD	TBD	TBD
02020004004547		02020004	Reall Creek-Mohawk River	C	1	120.39	TBD	TBD	TBD
02020004004635		02020004	Reall Creek-Mohawk River	C	1	111.60	TBD	TBD	TBD
02020004004693		02020004	Reall Creek-Mohawk River	C	1	120.21	TBD	TBD	TBD
02020004006386	Budlong Creek	02020004	Reall Creek-Mohawk River	C	1	460.61	TBD	TBD	TBD
02020004001309	Mohawk River	02020004	Reall Creek-Mohawk River	C	1	112.76	TBD	TBD	TBD
02020004004408		02020004	Reall Creek-Mohawk River	C	1	111.37	TBD	TBD	TBD
02020004004556		02020004	Reall Creek-Mohawk River	C	1	140.26	TBD	TBD	TBD
02020004001306		02020004	Ferguson Creek-Mohawk River	C	1	112.22	TBD	TBD	TBD
02020004002694	Ferguson Creek	02020004	Ferguson Creek-Mohawk River	C(T)	1	518.80	TBD	TBD	TBD
02020004001307	Ferguson Creek	02020004	Ferguson Creek-Mohawk River	C	2	123.69	TBD	TBD	TBD
02020004004972		02020004	Ferguson Creek-Mohawk River	C	1	33.07	TBD	TBD	TBD
02020004005006		02020004	Ferguson Creek-Mohawk River	C	1	131.49	TBD	TBD	TBD
02020004005125		02020004	Moyer Creek	C	1	169.97	TBD	TBD	TBD
02020004000513	Moyer Creek	02020004	Moyer Creek	B(T)	1	123.32	TBD	TBD	TBD
02020004001293		02020004	Moyer Creek	A(T)	1	119.37	TBD	TBD	TBD
02020004005386		02020004	Steele Creek	C	1	110.46	TBD	TBD	TBD
02020004001285		02020004	Steele Creek	A(T)	1	190.54	TBD	TBD	TBD
02020004001284		02020004	Steele Creek	C(TS)	1	115.67	TBD	TBD	TBD
02020004002691	Steele Creek	02020004	Steele Creek	C(TS)	1	113.63	TBD	TBD	TBD
02020004005547		02020004	Fulmer Creek	C(T)	1	147.44	TBD	TBD	TBD
02020004005497		02020004	Fulmer Creek	C(T)	1	113.37	TBD	TBD	TBD
02020004005411		02020004	Fulmer Creek	C	1	122.05	TBD	TBD	TBD
02020004001261	Flat Creek	02020004	Fulmer Creek	C(T)	1	118.09	TBD	TBD	TBD
02020004001260		02020004	Fulmer Creek	C(T)	1	165.53	TBD	TBD	TBD
02020004001259		02020004	Fulmer Creek	C(T)	1	113.22	TBD	TBD	TBD
02020004001262	Day Creek	02020004	Fulmer Creek	C(T)	1	113.03	TBD	TBD	TBD
02020004005511		02020004	Fulmer Creek	C(T)	1	266.20	TBD	TBD	TBD
02020004005519		02020004	Fulmer Creek	C	1	113.78	TBD	TBD	TBD
02020004005516		02020004	Fulmer Creek	C	1	112.91	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004001256		02020004	Fulmer Creek	C	1	133.13	TBD	TBD	TBD
02020004005526		02020004	Fulmer Creek	C	1	110.10	TBD	TBD	TBD
02020004005427		02020004	Fulmer Creek	C	1	112.95	TBD	TBD	TBD
02020004005525		02020004	Fulmer Creek	C	1	117.33	TBD	TBD	TBD
02020004001268		02020004	Fulmer Creek	C	1	258.79	TBD	TBD	TBD
02020004001257		02020004	Fulmer Creek	C	1	111.57	TBD	TBD	TBD
02020004001292		02020004	Bridenbecker Creek-Mohawk River	C	1	114.44	TBD	TBD	TBD
02020004001290		02020004	Bridenbecker Creek-Mohawk River	C	1	155.38	TBD	TBD	TBD
02020004000977		02020004	Bridenbecker Creek-Mohawk River	C	1	119.41	TBD	TBD	TBD
02020004005630		02020004	Nowadaga Creek	C	1	119.28	TBD	TBD	TBD
02020004001226		02020004	Nowadaga Creek	C	1	125.84	TBD	TBD	TBD
02020004001231		02020004	Nowadaga Creek	C	1	113.65	TBD	TBD	TBD
02020004001232		02020004	Nowadaga Creek	C	1	211.60	TBD	TBD	TBD
02020004001229		02020004	Nowadaga Creek	C(T)	1	121.61	TBD	TBD	TBD
02020004005593		02020004	Nowadaga Creek	C	1	130.86	TBD	TBD	TBD
02020004001230		02020004	Nowadaga Creek	C(T)	1	126.81	TBD	TBD	TBD
02020004000539	Ohisa Creek	02020004	Nowadaga Creek	C(T)	1	127.84	TBD	TBD	TBD
02020004005734		02020004	Headwaters Otsquago Creek	C	1	484.97	TBD	TBD	TBD
02020004000545	Otsquago Creek	02020004	Headwaters Otsquago Creek	C(T)	1	180.32	TBD	TBD	TBD
02020004001165		02020004	Headwaters Otsquago Creek	C	1	459.98	TBD	TBD	TBD
02020004005670		02020004	Headwaters Otsquago Creek	C	1	132.36	TBD	TBD	TBD
02020004005813		02020004	Fort Plain-Otsquago Creek	C	1	120.15	TBD	TBD	TBD
02020004005736		02020004	Fort Plain-Otsquago Creek	C	1	110.19	TBD	TBD	TBD
02020004005809		02020004	Fort Plain-Otsquago Creek	C	1	114.81	TBD	TBD	TBD
02020004001193		02020004	Fort Plain-Otsquago Creek	C	1	224.79	TBD	TBD	TBD
02020004001200		02020004	Fort Plain-Otsquago Creek	C	1	138.50	TBD	TBD	TBD
02020004001184		02020004	Fort Plain-Otsquago Creek	C	1	180.43	TBD	TBD	TBD
02020004001195		02020004	Fort Plain-Otsquago Creek	C	1	114.37	TBD	TBD	TBD
02020004000557	Canajoharie Creek	02020004	Lower Canajoharie Creek	C	1	110.13	TBD	TBD	TBD
02020004005892		02020004	Lower Canajoharie Creek	C	1	255.31	TBD	TBD	TBD
02020004001118		02020004	Lower Canajoharie Creek	C	1	494.84	TBD	TBD	TBD
02020004001114		02020004	Flat Creek-Mohawk River	C	1	211.60	TBD	TBD	TBD
02020004006037		02020004	Flat Creek-Mohawk River	C	1	115.46	TBD	TBD	TBD
02020004000572	Flat Creek	02020004	Flat Creek-Mohawk River	C	1	126.35	TBD	TBD	TBD
02020004000581	Yatesville Creek	02020004	Yatesville Creek-Mohawk River	C	1	145.25	TBD	TBD	TBD
02020004006025		02020004	Yatesville Creek-Mohawk River	C	1	146.56	TBD	TBD	TBD
02020004006014		02020004	Auries Creek-Mohawk River	C	1	775.15	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004006740		02020004	Auries Creek-Mohawk River	C	1	255.73	TBD	TBD	TBD
02020004001063		02020004	Auries Creek-Mohawk River	C	1	115.41	TBD	TBD	TBD
02020004006007		02020004	Auries Creek-Mohawk River	C	1	482.43	TBD	TBD	TBD
02020004001064		02020004	Auries Creek-Mohawk River	C	1	111.75	TBD	TBD	TBD
02020004006011		02020004	Auries Creek-Mohawk River	C	1	53.65	TBD	TBD	TBD
02020004001058		02020004	Auries Creek-Mohawk River	C	1	113.13	TBD	TBD	TBD
02020004000604	South Chuctanunda Creek	02020004	South Chuctanunda Creek	C(T)	1	113.27	TBD	TBD	TBD
02020004001011		02020004	South Chuctanunda Creek	C	1	53.84	TBD	TBD	TBD
02020004001007		02020004	South Chuctanunda Creek	C	1	115.78	TBD	TBD	TBD
02020004000707	Plotter Kill	02020004	Sandsea Kill-Mohawk River	C	1	160.95	TBD	TBD	TBD
02020004000997		02020004	Sandsea Kill-Mohawk River	C	1	615.56	TBD	TBD	TBD
02020004006101		02020004	Poentic Kill-Mohawk River	C	1	201.71	TBD	TBD	TBD
02020004006104		02020004	Poentic Kill-Mohawk River	A	1	144.98	TBD	TBD	TBD
02020005000005	Schoharie Creek	02020005	Wilsey Creek-Schoharie CReek	C	1	131.20	TBD	TBD	TBD
02020005000672		02020005	Irish Creek-Schoharie Creek	C	1	114.30	TBD	TBD	TBD
02020005000674		02020005	Irish Creek-Schoharie Creek	C	1	110.78	TBD	TBD	TBD
02020006000150	Moordener Kill	02020006	Moordener Kill	C(T)	1	85.58	TBD	TBD	TBD
02020006002951		02020006	Papscanee Creek-Hudson River	C	1	69.84	TBD	TBD	TBD
02020006002966	Vierda Kill	02020006	Papscanee Creek-Hudson River	C	1	68.81	TBD	TBD	TBD
02020006002876		02020006	Papscanee Creek-Hudson River	C	1	65.97	TBD	TBD	TBD
02020006000763		02020006	Papscanee Creek-Hudson River	C	1	70.69	TBD	TBD	TBD
02020006002844		02020006	Papscanee Creek-Hudson River	C	1	62.93	TBD	TBD	TBD
02020006002858		02020006	Papscanee Creek-Hudson River	C	1	63.97	TBD	TBD	TBD
02020006003491		02020006	Schodack Creek	C	1	103.68	TBD	TBD	TBD
02020006003235		02020006	Schodack Creek	C	1	69.83	TBD	TBD	TBD
02020006000778		02020006	Schodack Creek	C	1	104.66	TBD	TBD	TBD
02020006003203		02020006	Schodack Creek	C	1	64.94	TBD	TBD	TBD
02020006003430		02020006	Schodack Creek	C	1	419.78	TBD	TBD	TBD
02020006003679		02020006	Schodack Creek	C	1	91.84	TBD	TBD	TBD
02020006000770	Muitzes Kill	02020006	Schodack Creek	C(T)	1	68.80	TBD	TBD	TBD
02020006000769	Schodack Creek	02020006	Schodack Creek	C	1	133.00	TBD	TBD	TBD
02020006003550		02020006	Schodack Creek	C	1	359.02	TBD	TBD	TBD
02020006007076	Vlockie Kill	02020006	Vlockie Kill-Hudson River	C(T)	1	227.67	TBD	TBD	TBD
02020006003145		02020006	Vlockie Kill-Hudson River	C	1	60.23	TBD	TBD	TBD
02020006000779		02020006	Vlockie Kill-Hudson River	C	2	180.31	TBD	TBD	TBD
02020006003744		02020006	Vlockie Kill-Hudson River	C	1	106.10	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006000782	Stuyvesant Brook	02020006	Mill Creek-Hudson River	C(T)	1	669.17	TBD	TBD	TBD
02020006004091		02020006	Mill Creek-Hudson River	C	1	100.20	TBD	TBD	TBD
02020006003840		02020006	Mill Creek-Hudson River	C	1	102.34	TBD	TBD	TBD
02020006003930		02020006	Mill Creek-Hudson River	C	1	130.70	TBD	TBD	TBD
02020006000781	Mill Creek	02020006	Mill Creek-Hudson River	C	1	103.69	TBD	TBD	TBD
02020006004127		02020006	Mill Creek-Hudson River	C	1	100.79	TBD	TBD	TBD
02020006000783		02020006	Mill Creek-Hudson River	C	1	103.33	TBD	TBD	TBD
02020006000074	Claverack Creek	02020006	Hollowville Creek-Claverack Creek	C(T)	1	512.78	TBD	TBD	TBD
02020006004958		02020006	Loomis Creek-Claverack Creek	C	1	173.49	TBD	TBD	TBD
02020006005255		02020006	Loomis Creek-Claverack Creek	C(T)	1	138.41	TBD	TBD	TBD
02020006000808	Loomis Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	100.74	TBD	TBD	TBD
02020006005190		02020006	Loomis Creek-Claverack Creek	C(T)	1	126.80	TBD	TBD	TBD
02020006005011		02020006	Loomis Creek-Claverack Creek	C	1	104.36	TBD	TBD	TBD
02020006005242		02020006	Loomis Creek-Claverack Creek	C(T)	1	339.25	TBD	TBD	TBD
02020006000058	Taghkanic Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	121.18	TBD	TBD	TBD
02020006004603		02020006	Mud Creek-Claverack Creek	C	1	143.65	TBD	TBD	TBD
02020006000826	Fitting Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	104.76	TBD	TBD	TBD
02020006004696		02020006	Mud Creek-Claverack Creek	C	1	106.84	TBD	TBD	TBD
02020006004716		02020006	Mud Creek-Claverack Creek	C	1	105.36	TBD	TBD	TBD
02020006004555		02020006	Mud Creek-Claverack Creek	C	1	116.27	TBD	TBD	TBD
02020006000840		02020006	Mud Creek-Claverack Creek	C	1	355.76	TBD	TBD	TBD
02020006000819	Mud Creek	02020006	Mud Creek-Claverack Creek	C	3	294.87	TBD	TBD	TBD
02020006004877		02020006	Mud Creek-Claverack Creek	C(T)	1	109.93	TBD	TBD	TBD
02020006000835	Widows Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	101.47	TBD	TBD	TBD
02020006004801		02020006	Mud Creek-Claverack Creek	C	1	175.15	TBD	TBD	TBD
02020006004477		02020006	Mud Creek-Claverack Creek	C	1	108.63	TBD	TBD	TBD
02020006000082	Kinderhook Creek	02020006	Stockport Creek-Kinderhook Creek	C	1	104.56	TBD	TBD	TBD
02020006004301		02020006	Stockport Creek-Kinderhook Creek	C	1	229.36	TBD	TBD	TBD
02020006000019	Roeliff Jansen Kill	02020006	Fall Kill-Roeliff Jansen Kill	C(T)	1	136.66	TBD	TBD	TBD
02020006005835		02020006	Klein Kill-Roeliff Jansen Kill	C	1	137.97	TBD	TBD	TBD
02020006005599		02020006	Klein Kill-Roeliff Jansen Kill	C	1	136.85	TBD	TBD	TBD
02020006005754		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	125.66	TBD	TBD	TBD
02020006005723		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	128.07	TBD	TBD	TBD
02020006000045	Doove Kill	02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	213.39	TBD	TBD	TBD
02020006000961		02020006	Klein Kill-Roeliff Jansen Kill	C	1	116.84	TBD	TBD	TBD
02020006000957		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	123.59	TBD	TBD	TBD
02020006005873		02020006	Klein Kill-Roeliff Jansen Kill	C	2	131.33	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006006598		02020006	Lakes Kill-Saw Kill	C	1	17.07	TBD	TBD	TBD
02020006006638		02020006	Lakes Kill-Saw Kill	C	1	37.93	TBD	TBD	TBD
02020006000991	Saw Kill	02020006	Lakes Kill-Saw Kill	C(TS)	1	117.89	TBD	TBD	TBD
02020006006606		02020006	Lakes Kill-Saw Kill	C	1	139.98	TBD	TBD	TBD
02020006006759		02020006	Lakes Kill-Saw Kill	C	1	149.14	TBD	TBD	TBD
02020006000995		02020006	Lakes Kill-Saw Kill	C	1	536.78	TBD	TBD	TBD
02020008000760		02020008	Little Wappinger Creek	B	1	118.49	TBD	TBD	TBD
02020008001999		02020008	Little Wappinger Creek	B	1	117.81	TBD	TBD	TBD
02020008002108		02020008	Little Wappinger Creek	B	1	181.86	TBD	TBD	TBD
02020008000135	Little Wappinger Creek	02020008	Little Wappinger Creek	B	1	119.04	TBD	TBD	TBD
02020008008100		02020008	Little Wappinger Creek	B(T)	1	125.64	TBD	TBD	TBD
02020008002075		02020008	Little Wappinger Creek	B	1	130.68	TBD	TBD	TBD
02020008002180		02020008	Little Wappinger Creek	B(T)	1	175.17	TBD	TBD	TBD
02020008001835		02020008	Little Wappinger Creek	B	1	123.83	TBD	TBD	TBD
02020008002032		02020008	Little Wappinger Creek	B	1	116.91	TBD	TBD	TBD
02020008000133	Little Wappinger Creek	02020008	Little Wappinger Creek	B(T)	1	193.16	TBD	TBD	TBD
02020008002028		02020008	Little Wappinger Creek	B	1	185.28	TBD	TBD	TBD
02020008002146		02020008	Little Wappinger Creek	B	1	122.39	TBD	TBD	TBD
02020008000775		02020008	Great Spring Creek-Wappinger Creek	B	1	140.37	TBD	TBD	TBD
02020008000774		02020008	Great Spring Creek-Wappinger Creek	B	1	146.74	TBD	TBD	TBD
02020008000770		02020008	Great Spring Creek-Wappinger Creek	B	1	129.48	TBD	TBD	TBD
02020008000256		02020008	Great Spring Creek-Wappinger Creek	B	1	200.50	TBD	TBD	TBD
02020008002410		02020008	Great Spring Creek-Wappinger Creek	B	1	121.81	TBD	TBD	TBD
02020008000772		02020008	Great Spring Creek-Wappinger Creek	B	1	2289.61	TBD	TBD	TBD
02020008002264		02020008	Great Spring Creek-Wappinger Creek	B	1	249.86	TBD	TBD	TBD
02020008002331		02020008	Great Spring Creek-Wappinger Creek	B	2	826.32	TBD	TBD	TBD
Total					**177**	**30,910.10 feet**			
Marcy Southern Route 2									
02020004001408		02020004	Crane Creek-Mohawk River	C	1	588.72	TBD	TBD	TBD
02020004004413		02020004	Crane Creek-Mohawk River	C	1	177.74	TBD	TBD	TBD
02020004000717	Reall Creek	02020004	Reall Creek-Mohawk River	C	1	110.94	TBD	TBD	TBD
02020004001309	Mohawk River	02020004	Reall Creek-Mohawk River	C	1	112.76	TBD	TBD	TBD
02020004004408		02020004	Reall Creek-Mohawk River	C	1	111.37	TBD	TBD	TBD
02020004004547		02020004	Reall Creek-Mohawk River	C	1	120.39	TBD	TBD	TBD
02020004004548		02020004	Reall Creek-Mohawk River	C	1	113.99	TBD	TBD	TBD
02020004004556		02020004	Reall Creek-Mohawk River	C	1	140.26	TBD	TBD	TBD
02020004004635		02020004	Reall Creek-Mohawk River	C	1	111.60	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004004690		02020004	Reall Creek-Mohawk River	C	1	121.47	TBD	TBD	TBD
02020004004693		02020004	Reall Creek-Mohawk River	C	1	120.21	TBD	TBD	TBD
02020004006386	Budlong Creek	02020004	Reall Creek-Mohawk River	C	1	460.61	TBD	TBD	TBD
02020004001306		02020004	Ferguson Creek-Mohawk River	C	1	112.22	TBD	TBD	TBD
02020004001307	Ferguson Creek	02020004	Ferguson Creek-Mohawk River	C	2	123.69	TBD	TBD	TBD
02020004002694	Ferguson Creek	02020004	Ferguson Creek-Mohawk River	C(T)	1	518.80	TBD	TBD	TBD
02020004004972		02020004	Ferguson Creek-Mohawk River	C	1	33.07	TBD	TBD	TBD
02020004005006		02020004	Ferguson Creek-Mohawk River	C	1	131.49	TBD	TBD	TBD
02020004000513	Moyer Creek	02020004	Moyer Creek	B(T)	1	123.32	TBD	TBD	TBD
02020004001293		02020004	Moyer Creek	A(T)	1	119.37	TBD	TBD	TBD
02020004005125		02020004	Moyer Creek	C	1	169.97	TBD	TBD	TBD
02020004001284		02020004	Steele Creek	C(TS)	1	115.67	TBD	TBD	TBD
02020004001285		02020004	Steele Creek	A(T)	1	190.54	TBD	TBD	TBD
02020004002691	Steele Creek	02020004	Steele Creek	C(TS)	1	113.63	TBD	TBD	TBD
02020004005386		02020004	Steele Creek	C	1	110.46	TBD	TBD	TBD
02020004001256		02020004	Fulmer Creek	C	1	133.13	TBD	TBD	TBD
02020004001257		02020004	Fulmer Creek	C	1	111.57	TBD	TBD	TBD
02020004001259		02020004	Fulmer Creek	C(T)	1	113.22	TBD	TBD	TBD
02020004001260		02020004	Fulmer Creek	C(T)	1	165.53	TBD	TBD	TBD
02020004001261	Flat Creek	02020004	Fulmer Creek	C(T)	1	118.09	TBD	TBD	TBD
02020004001262	Day Creek	02020004	Fulmer Creek	C(T)	1	113.03	TBD	TBD	TBD
02020004001268		02020004	Fulmer Creek	C	1	258.79	TBD	TBD	TBD
02020004005411		02020004	Fulmer Creek	C	1	122.05	TBD	TBD	TBD
02020004005427		02020004	Fulmer Creek	C	1	112.95	TBD	TBD	TBD
02020004005497		02020004	Fulmer Creek	C(T)	1	113.37	TBD	TBD	TBD
02020004005511		02020004	Fulmer Creek	C(T)	1	266.20	TBD	TBD	TBD
02020004005516		02020004	Fulmer Creek	C	1	112.91	TBD	TBD	TBD
02020004005519		02020004	Fulmer Creek	C	1	113.78	TBD	TBD	TBD
02020004005525		02020004	Fulmer Creek	C	1	117.33	TBD	TBD	TBD
02020004005526		02020004	Fulmer Creek	C	1	110.10	TBD	TBD	TBD
02020004005547		02020004	Fulmer Creek	C(T)	1	147.44	TBD	TBD	TBD
02020004000977		02020004	Bridenbecker Creek-Mohawk River	C	1	119.41	TBD	TBD	TBD
02020004001290		02020004	Bridenbecker Creek-Mohawk River	C	1	155.38	TBD	TBD	TBD
02020004001292		02020004	Bridenbecker Creek-Mohawk River	C	1	114.44	TBD	TBD	TBD
02020004000539	Ohisa Creek	02020004	Nowadaga Creek	C(T)	1	127.84	TBD	TBD	TBD
02020004001226		02020004	Nowadaga Creek	C	1	125.84	TBD	TBD	TBD
02020004001229		02020004	Nowadaga Creek	C(T)	1	121.61	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004001230		02020004	Nowadaga Creek	C(T)	1	126.81	TBD	TBD	TBD
02020004001231		02020004	Nowadaga Creek	C	1	113.65	TBD	TBD	TBD
02020004001232		02020004	Nowadaga Creek	C	1	211.60	TBD	TBD	TBD
02020004005593		02020004	Nowadaga Creek	C	1	130.86	TBD	TBD	TBD
02020004005630		02020004	Nowadaga Creek	C	1	119.28	TBD	TBD	TBD
02020004000545	Otsquago Creek	02020004	Headwaters Otsquago Creek	C(T)	1	180.32	TBD	TBD	TBD
02020004001165		02020004	Headwaters Otsquago Creek	C	1	459.98	TBD	TBD	TBD
02020004005670		02020004	Headwaters Otsquago Creek	C	1	132.36	TBD	TBD	TBD
02020004005734		02020004	Headwaters Otsquago Creek	C	1	484.97	TBD	TBD	TBD
02020004001184		02020004	Fort Plain-Otsquago Creek	C	1	180.43	TBD	TBD	TBD
02020004001193		02020004	Fort Plain-Otsquago Creek	C	1	224.79	TBD	TBD	TBD
02020004001195		02020004	Fort Plain-Otsquago Creek	C	1	114.37	TBD	TBD	TBD
02020004001200		02020004	Fort Plain-Otsquago Creek	C	1	138.50	TBD	TBD	TBD
02020004005736		02020004	Fort Plain-Otsquago Creek	C	1	110.19	TBD	TBD	TBD
02020004005809		02020004	Fort Plain-Otsquago Creek	C	1	114.81	TBD	TBD	TBD
02020004005813		02020004	Fort Plain-Otsquago Creek	C	1	120.15	TBD	TBD	TBD
02020004000557	Canajoharie Creek	02020004	Lower Canajoharie Creek	C	1	110.13	TBD	TBD	TBD
02020004001118		02020004	Lower Canajoharie Creek	C	1	494.84	TBD	TBD	TBD
02020004005892		02020004	Lower Canajoharie Creek	C	1	255.31	TBD	TBD	TBD
02020004000572	Flat Creek	02020004	Flat Creek-Mohawk River	C	1	126.35	TBD	TBD	TBD
02020004001114		02020004	Flat Creek-Mohawk River	C	1	211.60	TBD	TBD	TBD
02020004006037		02020004	Flat Creek-Mohawk River	C	1	115.46	TBD	TBD	TBD
02020004000581	Yatesville Creek	02020004	Yatesville Creek-Mohawk River	C	1	145.25	TBD	TBD	TBD
02020004006025		02020004	Yatesville Creek-Mohawk River	C	1	146.56	TBD	TBD	TBD
02020004001058		02020004	Auries Creek-Mohawk River	C	1	113.13	TBD	TBD	TBD
02020004001063		02020004	Auries Creek-Mohawk River	C	1	115.41	TBD	TBD	TBD
02020004001064		02020004	Auries Creek-Mohawk River	C	1	111.75	TBD	TBD	TBD
02020004006007		02020004	Auries Creek-Mohawk River	C	1	482.43	TBD	TBD	TBD
02020004006011		02020004	Auries Creek-Mohawk River	C	1	53.65	TBD	TBD	TBD
02020004006014		02020004	Auries Creek-Mohawk River	C	1	775.15	TBD	TBD	TBD
02020004006740		02020004	Auries Creek-Mohawk River	C	1	255.73	TBD	TBD	TBD
02020004000604	South Chuctanunda Creek	02020004	South Chuctanunda Creek	C(T)	1	113.27	TBD	TBD	TBD
02020004001007		02020004	South Chuctanunda Creek	C	1	115.78	TBD	TBD	TBD
02020004001011		02020004	South Chuctanunda Creek	C	1	53.84	TBD	TBD	TBD
02020004000707	Plotter Kill	02020004	Sandsea Kill-Mohawk River	C	1	160.95	TBD	TBD	TBD
02020004000709	Plotter Kill	02020004	Sandsea Kill-Mohawk River	C	1	257.58	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004000997		02020004	Sandsea Kill-Mohawk River	C	1	615.56	TBD	TBD	TBD
02020004006128		02020004	Sandsea Kill-Mohawk River	C	1	292.84	TBD	TBD	TBD
02020004006101		02020004	Poentic Kill-Mohawk River	C	1	201.71	TBD	TBD	TBD
02020004006104		02020004	Poentic Kill-Mohawk River	A	1	144.98	TBD	TBD	TBD
02020005000005	Schoharie Creek	02020005	Wilsey Creek-Schoharie CReek	C	1	131.20	TBD	TBD	TBD
02020005000672		02020005	Irish Creek-Schoharie Creek	C	1	114.30	TBD	TBD	TBD
02020005000674		02020005	Irish Creek-Schoharie Creek	C	1	110.78	TBD	TBD	TBD
02020006000667	Bonny Brook	02020006	Bonny Brook-Normans Kill	C	1	244.57	TBD	TBD	TBD
02020006000197	Normans Kill	02020006	Indian House Creek-Normans Kill	A	1	59.95	TBD	TBD	TBD
02020006000198	Normans Kill	02020006	Indian House Creek-Normans Kill	A	2	1,178.51	TBD	TBD	TBD
02020006000665		02020006	Indian House Creek-Normans Kill	C	1	204.93	TBD	TBD	TBD
02020006000707		02020006	Indian House Creek-Normans Kill	A	1	177.16	TBD	TBD	TBD
02020006000708		02020006	Indian House Creek-Normans Kill	C	1	223.22	TBD	TBD	TBD
02020006001007	Indian House Creek	02020006	Indian House Creek-Normans Kill	C	1	201.56	TBD	TBD	TBD
02020006000346	Black Creek	02020006	Black Creek	C	2	244.85	TBD	TBD	TBD
02020006002409		02020006	Black Creek	C	1	214.24	TBD	TBD	TBD
02020006002435		02020006	Black Creek	C	1	35.42	TBD	TBD	TBD
02020006002444		02020006	Black Creek	C	1	539.30	TBD	TBD	TBD
02020006002445		02020006	Black Creek	C	1	138.57	TBD	TBD	TBD
02020006000216	Bozen Kill	02020006	Bozen Kill	C	1	213.64	TBD	TBD	TBD
02020006000427		02020006	Bozen Kill	C	2	489.59	TBD	TBD	TBD
02020006002208		02020006	Bozen Kill	C	1	243.50	TBD	TBD	TBD
02020006002230		02020006	Bozen Kill	C	1	224.13	TBD	TBD	TBD
02020006000397	Vly Creek	02020006	Vly Creek-Normans Kill	C(T)	1	251.37	TBD	TBD	TBD
02020006000717		02020006	Vly Creek-Normans Kill	C	2	2,031.48	TBD	TBD	TBD
02020006000150	Moordener Kill	02020006	Moordener Kill	C(T)	1	85.58	TBD	TBD	TBD
02020006000763		02020006	Papscanee Creek-Hudson River	C	1	70.69	TBD	TBD	TBD
02020006002844		02020006	Papscanee Creek-Hudson River	C	1	62.93	TBD	TBD	TBD
02020006002858		02020006	Papscanee Creek-Hudson River	C	1	63.97	TBD	TBD	TBD
02020006002876		02020006	Papscanee Creek-Hudson River	C	1	65.97	TBD	TBD	TBD
02020006002951		02020006	Papscanee Creek-Hudson River	C	1	69.84	TBD	TBD	TBD
02020006002966	Vierda Kill	02020006	Papscanee Creek-Hudson River	C	1	68.81	TBD	TBD	TBD
02020006000237	Vloman Kill	02020006	Vloman Kill	C	1	572.89	TBD	TBD	TBD
02020006000238	Vloman Kill	02020006	Vloman Kill	C	1	695.21	TBD	TBD	TBD
02020006000239	Vloman Kill	02020006	Vloman Kill	C	1	102.70	TBD	TBD	TBD
02020006000373	Phillipin Kill	02020006	Vloman Kill	C	1	237.03	TBD	TBD	TBD
02020006000624	Dowers Kill	02020006	Vloman Kill	C	1	66.43	TBD	TBD	TBD

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02020006000625		02020006	Vloman Kill	C	1	775.41	TBD	TBD	TBD
02020006002729		02020006	Vloman Kill	C	2	233.49	TBD	TBD	TBD
02020006002734		02020006	Vloman Kill	C	1	207.58	TBD	TBD	TBD
02020006002742		02020006	Vloman Kill	C	1	205.32	TBD	TBD	TBD
02020006003073		02020006	Vloman Kill	C	1	201.24	TBD	TBD	TBD
02020006003101		02020006	Onesquethaw Creek	C	1	795.18	TBD	TBD	TBD
02020006003205		02020006	Onesquethaw Creek	C	1	271.53	TBD	TBD	TBD
02020006000768	Schodack Creek	02020006	Schodack Creek	C	1	213.11	TBD	TBD	TBD
02020006000769	Schodack Creek	02020006	Schodack Creek	C	2	729.95	TBD	TBD	TBD
02020006000770	Muitzes Kill	02020006	Schodack Creek	C(T)	1	68.80	TBD	TBD	TBD
02020006000778		02020006	Schodack Creek	C	2	104.66	TBD	TBD	TBD
02020006003203		02020006	Schodack Creek	C	1	64.94	TBD	TBD	TBD
02020006003235		02020006	Schodack Creek	C	1	69.83	TBD	TBD	TBD
02020006003430		02020006	Schodack Creek	C	1	419.78	TBD	TBD	TBD
02020006003491		02020006	Schodack Creek	C	1	103.68	TBD	TBD	TBD
02020006003550		02020006	Schodack Creek	C	1	359.02	TBD	TBD	TBD
02020006003679		02020006	Schodack Creek	C	1	91.84	TBD	TBD	TBD
02020006000623	Binnen Kill	02020006	Vlockie Kill-Hudson River	C	1	162.44	TBD	TBD	TBD
02020006000779		02020006	Vlockie Kill-Hudson River	C	2	180.31	TBD	TBD	TBD
02020006001073	Hudson River	02020006	Vlockie Kill-Hudson River	C	1	150.17	TBD	TBD	TBD
02020006003145		02020006	Vlockie Kill-Hudson River	C	1	60.23	TBD	TBD	TBD
02020006003744		02020006	Vlockie Kill-Hudson River	C	1	106.10	TBD	TBD	TBD
02020006007076	Vlockie Kill	02020006	Vlockie Kill-Hudson River	C(T)	1	227.67	TBD	TBD	TBD
02020006000781	Mill Creek	02020006	Mill Creek-Hudson River	C	1	103.69	TBD	TBD	TBD
02020006000782	Stuyvesant Brook	02020006	Mill Creek-Hudson River	C(T)	1	669.17	TBD	TBD	TBD
02020006000783		02020006	Mill Creek-Hudson River	C	1	103.33	TBD	TBD	TBD
02020006003840		02020006	Mill Creek-Hudson River	C	1	102.34	TBD	TBD	TBD
02020006003930		02020006	Mill Creek-Hudson River	C	1	130.70	TBD	TBD	TBD
02020006004091		02020006	Mill Creek-Hudson River	C	1	100.20	TBD	TBD	TBD
02020006004127		02020006	Mill Creek-Hudson River	C	1	100.79	TBD	TBD	TBD
02020006000074	Claverack Creek	02020006	Hollowville Creek-Claverack Creek	C(T)	1	512.78	TBD	TBD	TBD
02020006000058	Taghkanic Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	121.18	TBD	TBD	TBD
02020006000808	Loomis Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	100.74	TBD	TBD	TBD
02020006004958		02020006	Loomis Creek-Claverack Creek	C	1	173.49	TBD	TBD	TBD
02020006005011		02020006	Loomis Creek-Claverack Creek	C	1	104.36	TBD	TBD	TBD
02020006005190		02020006	Loomis Creek-Claverack Creek	C(T)	1	126.80	TBD	TBD	TBD
02020006005242		02020006	Loomis Creek-Claverack Creek	C(T)	1	339.25	TBD	TBD	TBD

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02020006005255		02020006	Loomis Creek-Claverack Creek	C(T)	1	138.41	TBD	TBD	TBD
02020006000819	Mud Creek	02020006	Mud Creek-Claverack Creek	C	3	294.87	TBD	TBD	TBD
02020006000826	Fitting Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	104.76	TBD	TBD	TBD
02020006000835	Widows Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	101.47	TBD	TBD	TBD
02020006000840		02020006	Mud Creek-Claverack Creek	C	1	355.76	TBD	TBD	TBD
02020006004477		02020006	Mud Creek-Claverack Creek	C	1	108.63	TBD	TBD	TBD
02020006004555		02020006	Mud Creek-Claverack Creek	C	1	116.27	TBD	TBD	TBD
02020006004603		02020006	Mud Creek-Claverack Creek	C	1	143.65	TBD	TBD	TBD
02020006004696		02020006	Mud Creek-Claverack Creek	C	1	106.84	TBD	TBD	TBD
02020006004716		02020006	Mud Creek-Claverack Creek	C	1	105.36	TBD	TBD	TBD
02020006004801		02020006	Mud Creek-Claverack Creek	C	1	175.15	TBD	TBD	TBD
02020006004877		02020006	Mud Creek-Claverack Creek	C(T)	1	109.93	TBD	TBD	TBD
02020006000082	Kinderhook Creek	02020006	Stockport Creek-Kinderhook Creek	C	1	104.56	TBD	TBD	TBD
02020006004301		02020006	Stockport Creek-Kinderhook Creek	C	1	229.36	TBD	TBD	TBD
02020006000019	Roeliff Jansen Kill	02020006	Fall Kill-Roeliff Jansen Kill	C(T)	1	136.66	TBD	TBD	TBD
02020006000045	Doove Kill	02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	213.39	TBD	TBD	TBD
02020006000957		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	123.59	TBD	TBD	TBD
02020006000961		02020006	Klein Kill-Roeliff Jansen Kill	C	1	116.84	TBD	TBD	TBD
02020006005599		02020006	Klein Kill-Roeliff Jansen Kill	C	1	136.85	TBD	TBD	TBD
02020006005723		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	128.07	TBD	TBD	TBD
02020006005754		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	125.66	TBD	TBD	TBD
02020006005835		02020006	Klein Kill-Roeliff Jansen Kill	C	1	137.97	TBD	TBD	TBD
02020006005873		02020006	Klein Kill-Roeliff Jansen Kill	C	2	131.33	TBD	TBD	TBD
02020006000991	Saw Kill	02020006	Lakes Kill-Saw Kill	C(TS)	1	117.89	TBD	TBD	TBD
02020006000995		02020006	Lakes Kill-Saw Kill	C	1	536.78	TBD	TBD	TBD
02020006006598		02020006	Lakes Kill-Saw Kill	C	1	17.07	TBD	TBD	TBD
02020006006606		02020006	Lakes Kill-Saw Kill	C	1	139.98	TBD	TBD	TBD
02020006006638		02020006	Lakes Kill-Saw Kill	C	1	37.93	TBD	TBD	TBD
02020006006759		02020006	Lakes Kill-Saw Kill	C	1	149.14	TBD	TBD	TBD
02020008000133	Little Wappinger Creek	02020008	Little Wappinger Creek	B(T)	1	193.16	TBD	TBD	TBD
02020008000135	Little Wappinger Creek	02020008	Little Wappinger Creek	B	1	119.04	TBD	TBD	TBD
02020008000760		02020008	Little Wappinger Creek	B	1	118.49	TBD	TBD	TBD
02020008001835		02020008	Little Wappinger Creek	B	1	123.83	TBD	TBD	TBD
02020008001999		02020008	Little Wappinger Creek	B	1	117.81	TBD	TBD	TBD
02020008002028		02020008	Little Wappinger Creek	B	1	185.28	TBD	TBD	TBD
02020008002032		02020008	Little Wappinger Creek	B	1	116.91	TBD	TBD	TBD
02020008002075		02020008	Little Wappinger Creek	B	1	130.68	TBD	TBD	TBD

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02020008002108		02020008	Little Wappinger Creek	B	1	181.86	TBD	TBD	TBD
02020008002146		02020008	Little Wappinger Creek	B	1	122.39	TBD	TBD	TBD
02020008002180		02020008	Little Wappinger Creek	B(T)	1	175.17	TBD	TBD	TBD
02020008008100		02020008	Little Wappinger Creek	B(T)	1	125.64	TBD	TBD	TBD
02020008000256		02020008	Great Spring Creek-Wappinger Creek	B	1	200.50	TBD	TBD	TBD
02020008000770		02020008	Great Spring Creek-Wappinger Creek	B	1	129.48	TBD	TBD	TBD
02020008000772		02020008	Great Spring Creek-Wappinger Creek	B	1	2289.61	TBD	TBD	TBD
02020008000774		02020008	Great Spring Creek-Wappinger Creek	B	1	146.74	TBD	TBD	TBD
02020008000775		02020008	Great Spring Creek-Wappinger Creek	B	1	140.37	TBD	TBD	TBD
02020008002264		02020008	Great Spring Creek-Wappinger Creek	B	1	249.86	TBD	TBD	TBD
02020008002331		02020008	Great Spring Creek-Wappinger Creek	B	1	826.32	TBD	TBD	TBD
02020008002410		02020008	Great Spring Creek-Wappinger Creek	B	1	121.81	TBD	TBD	TBD
Total					**218**	**43,863.17 feet**			
Marcy Northern Route									
02020004004338		02020004	Reall Creek-Mohawk River	C	1	137.12	TBD	TBD	TBD
02020004004328		02020004	Reall Creek-Mohawk River	C	1	110.27	TBD	TBD	TBD
02020004004330		02020004	Reall Creek-Mohawk River	C	1	130.37	TBD	TBD	TBD
02020004001412	Budlong Creek	02020004	Reall Creek-Mohawk River	C	1	117.78	TBD	TBD	TBD
02020004004546		02020004	Reall Creek-Mohawk River	C	1	125.28	TBD	TBD	TBD
02020004001413	Budlong Creek	02020004	Reall Creek-Mohawk River	C	1	448.75	TBD	TBD	TBD
02020004004550		02020004	Reall Creek-Mohawk River	C	2	132.88	TBD	TBD	TBD
02020004000717	Reall Creek	02020004	Reall Creek-Mohawk River	C	1	110.11	TBD	TBD	TBD
02020004004572	Wood Creek	02020004	Reall Creek-Mohawk River	C	1	231.96	TBD	TBD	TBD
02020004004551		02020004	Reall Creek-Mohawk River	C	1	164.18	TBD	TBD	TBD
02020004004614		02020004	Reall Creek-Mohawk River	C	1	111.25	TBD	TBD	TBD
02020004001828		02020004	North Creek-West Canada Creek	C	2	323.17	TBD	TBD	TBD
02020004002612	West Canada Creek	02020004	North Creek-West Canada Creek	C(T)	1	111.29	TBD	TBD	TBD
02020004001826		02020004	North Creek-West Canada Creek	C	1	112.35	TBD	TBD	TBD
02020004004879		02020004	North Creek-West Canada Creek	C(T)	1	132.85	TBD	TBD	TBD
02020004004877		02020004	North Creek-West Canada Creek	C	1	130.22	TBD	TBD	TBD
02020004004893		02020004	North Creek-West Canada Creek	C	1	620.35	TBD	TBD	TBD
02020004001827		02020004	North Creek-West Canada Creek	C	1	574.02	TBD	TBD	TBD
02020004004854		02020004	North Creek-West Canada Creek	C	1	244.88	TBD	TBD	TBD
02020004000436	Sterling Creek	02020004	Sterling Creek	C	1	130.23	TBD	TBD	TBD
02020004000437	Sterling Creek	02020004	Sterling Creek	C	1	3.79	TBD	TBD	TBD
02020004001427		02020004	Sterling Creek	C	1	18.22	TBD	TBD	TBD
02020004004714		02020004	Ferguson Creek-Mohawk River	C	1	112.45	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004001426		02020004	Ferguson Creek-Mohawk River	C	1	128.59	TBD	TBD	TBD
02020004001424		02020004	Ferguson Creek-Mohawk River	C	1	112.69	TBD	TBD	TBD
02020004004712		02020004	Ferguson Creek-Mohawk River	C	1	155.03	TBD	TBD	TBD
02020004001425		02020004	Ferguson Creek-Mohawk River	C	1	117.32	TBD	TBD	TBD
02020004004707		02020004	Ferguson Creek-Mohawk River	C	1	110.21	TBD	TBD	TBD
02020004004674		02020004	Ferguson Creek-Mohawk River	C	1	185.85	TBD	TBD	TBD
02020004001419		02020004	Ferguson Creek-Mohawk River	C	1	111.67	TBD	TBD	TBD
02020004001421	Burch Creek	02020004	Ferguson Creek-Mohawk River	C	1	111.53	TBD	TBD	TBD
02020004004632		02020004	Ferguson Creek-Mohawk River	C	1	110.43	TBD	TBD	TBD
02020004004713		02020004	Ferguson Creek-Mohawk River	C	1	110.47	TBD	TBD	TBD
02020004004698		02020004	Ferguson Creek-Mohawk River	C	1	127.33	TBD	TBD	TBD
02020004000670	Knapp Brook	02020004	Ferguson Creek-Mohawk River	C	1	112.79	TBD	TBD	TBD
02020004004721		02020004	Ferguson Creek-Mohawk River	C	1	114.62	TBD	TBD	TBD
02020004004781		02020004	Bridenbecker Creek-Mohawk River	C	1	144.47	TBD	TBD	TBD
02020004004847		02020004	Bridenbecker Creek-Mohawk River	C	1	193.80	TBD	TBD	TBD
02020004004820		02020004	Bridenbecker Creek-Mohawk River	C	1	111.95	TBD	TBD	TBD
02020004001445		02020004	Bridenbecker Creek-Mohawk River	C	1	125.70	TBD	TBD	TBD
02020004004828		02020004	Bridenbecker Creek-Mohawk River	C	1	114.43	TBD	TBD	TBD
02020004001450	Bridenbecker Creek	02020004	Bridenbecker Creek-Mohawk River	C	1	159.38	TBD	TBD	TBD
02020004004821		02020004	Bridenbecker Creek-Mohawk River	C	1	120.80	TBD	TBD	TBD
02020004001453		02020004	Bridenbecker Creek-Mohawk River	C	1	599.92	TBD	TBD	TBD
02020004001444	Pratt Creek	02020004	Bridenbecker Creek-Mohawk River	C	1	119.04	TBD	TBD	TBD
02020004000636	Crum Creek	02020004	Crum Creek-Mohawk River	C	1	187.75	TBD	TBD	TBD
02020004017887		02020004	Crum Creek-Mohawk River	C	2	437.32	TBD	TBD	TBD
02020004004904		02020004	Crum Creek-Mohawk River	C	1	130.66	TBD	TBD	TBD
02020004004849		02020004	Crum Creek-Mohawk River	C	1	114.45	TBD	TBD	TBD
02020004001848		02020004	Crum Creek-Mohawk River	C	1	305.57	TBD	TBD	TBD
02020004004873		02020004	Crum Creek-Mohawk River	C	1	119.52	TBD	TBD	TBD
02020004004949	East Canada Creek	02020004	Lower East Canada Creek	C(T)	1	122.73	TBD	TBD	TBD
02020004004950		02020004	Lower East Canada Creek	C	1	125.68	TBD	TBD	TBD
02020004002053		02020004	Lower East Canada Creek	C	1	121.66	TBD	TBD	TBD
02020004002059		02020004	Zimmerman Creek-Mohawk River	C(T)	1	119.95	TBD	TBD	TBD
02020004002056		02020004	Zimmerman Creek-Mohawk River	C	1	122.03	TBD	TBD	TBD
02020004000131	Zimmerman Creek	02020004	Zimmerman Creek-Mohawk River	C(TS)	1	161.27	TBD	TBD	TBD
02020004006683	Crum Creek	02020004	Zimmerman Creek-Mohawk River	C(T)	1	114.75	TBD	TBD	TBD
02020004000139	Timmerman Creek	02020004	Zimmerman Creek-Mohawk River	C(T)	1	133.37	TBD	TBD	TBD
02020004005195		02020004	North Creek-Caroga Creek	AA	1	110.93	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020004005279		02020004	North Creek-Caroga Creek	C(T)	1	49.54	TBD	TBD	TBD
02020004002124		02020004	North Creek-Caroga Creek	C(T)	1	110.09	TBD	TBD	TBD
02020004000107	Caroga Creek	02020004	North Creek-Caroga Creek	C(T)	2	562.02	TBD	TBD	TBD
02020004002079		02020004	North Creek-Caroga Creek	C	1	142.32	TBD	TBD	TBD
02020004002119	North Creek	02020004	North Creek-Caroga Creek	C(T)	1	116.67	TBD	TBD	TBD
02020004002149		02020004	Yatesville Creek-Mohawk River	C	2	432.94	TBD	TBD	TBD
02020004002147		02020004	Yatesville Creek-Mohawk River	C	1	128.15	TBD	TBD	TBD
02020004002148		02020004	Yatesville Creek-Mohawk River	C	1	543.38	TBD	TBD	TBD
02020004000084	Mohawk River	02020004	Yatesville Creek-Mohawk River	B	1	116.89	TBD	TBD	TBD
02020004005439		02020004	Hall Creek-Cayadutta Creek	C	1	118.20	TBD	TBD	TBD
02020004002173		02020004	Hall Creek-Cayadutta Creek	C	1	148.64	TBD	TBD	TBD
02020004001050		02020004	Auries Creek-Mohawk River	C	1	127.16	TBD	TBD	TBD
02020004001051	Revine Creek	02020004	Auries Creek-Mohawk River	C	1	113.08	TBD	TBD	TBD
02020004000585	Auries Creek	02020004	Auries Creek-Mohawk River	C	1	143.31	TBD	TBD	TBD
02020004001041		02020004	South Chuctanunda Creek	C	1	354.15	TBD	TBD	TBD
02020004016861		02020004	South Chuctanunda Creek	C	1	111.34	TBD	TBD	TBD
02020004000599	South Chuctanunda Creek	02020004	South Chuctanunda Creek	C	1	119.20	TBD	TBD	TBD
02020004016860		02020004	South Chuctanunda Creek	C	1	112.47	TBD	TBD	TBD
02020004001026		02020005	South Chuctanunda Creek	C	1	76.36	TBD	TBD	TBD
02020004000743	Terwilleger Creek	02020004	Evas Kill-Mohawk River	C	1	123.93	TBD	TBD	TBD
02020004001005		02020004	Sandsea Kill-Mohawk River	C	1	151.74	TBD	TBD	TBD
02020004006128		02020004	Sandsea Kill-Mohawk River	C	1	134.89	TBD	TBD	TBD
02020004000709	Plotter Kill	02020004	Sandsea Kill-Mohawk River	C	1	250.74	TBD	TBD	TBD
02020005000259		02020005	Irish Creek-Schoharie Creek	C	1	127.27	TBD	TBD	TBD
02020005000678		02020005	Irish Creek-Schoharie Creek	C	1	122.90	TBD	TBD	TBD
02020005002438		02020005	Irish Creek-Schoharie Creek	C	2	366.12	TBD	TBD	TBD
02020005003738	Schoharie Creek	02020005	Irish Creek-Schoharie Creek	C	1	124.27	TBD	TBD	TBD
02020006000667	Bonny Brook	02020006	Bonny Brook-Normans Kill	C	1	149.10	TBD	TBD	TBD
02020006000198	Normans Kill	02020006	Indian House Creek-Normans Kill	A	1	416.11	TBD	TBD	TBD
02020006000197	Normans Kill	02020006	Indian House Creek-Normans Kill	A	1	153.62	TBD	TBD	TBD
02020006000198	Normans Kill	02020006	Indian House Creek-Normans Kill	C	1	112.75	TBD	TBD	TBD
02020006000708		02020006	Indian House Creek-Normans Kill	C	1	111.48	TBD	TBD	TBD
02020006002072		02020006	Indian House Creek-Normans Kill	C	1	715.78	TBD	TBD	TBD
02020006000665		02020006	Indian House Creek-Normans Kill	C	1	134.18	TBD	TBD	TBD
02020006001007	Indian House Creek	02020006	Indian House Creek-Normans Kill	C	1	111.88	TBD	TBD	TBD
02020006000346	Black Creek	02020006	Black Creek	C	1	141.06	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006002444		02020006	Black Creek	C	1	285.52	TBD	TBD	TBD
02020006002435		02020006	Black Creek	C	1	432.52	TBD	TBD	TBD
02020006002409		02020006	Black Creek	C	1	141.06	TBD	TBD	TBD
02020006002445		02020006	Black Creek	C	1	102.76	TBD	TBD	TBD
02020006002449		02020006	Black Creek	C	1	9.86	TBD	TBD	TBD
02020006002230		02020006	Bozen Kill	C	1	114.89	TBD	TBD	TBD
02020006000216	Bozen Kill	02020006	Bozen Kill	C	1	182.92	TBD	TBD	TBD
02020006000427		02020006	Bozen Kill	C	2	476.91	TBD	TBD	TBD
02020006002208		02020006	Bozen Kill	C	1	230.00	TBD	TBD	TBD
02020006000717		02020006	Vly Creek-Normans Kill	C	2	765.38	TBD	TBD	TBD
02020006000397	Vly Creek	02020006	Vly Creek-Normans Kill	C(T)	1	112.53	TBD	TBD	TBD
02020006000150	Moordener Kill	02020006	Moordener Kill	C(T)	1	85.58	TBD	TBD	TBD
02020006002951		02020006	Papscanee Creek-Hudson River	C	1	69.84	TBD	TBD	TBD
02020006002966	Vierda Kill	02020006	Papscanee Creek-Hudson River	C	1	68.81	TBD	TBD	TBD
02020006002876		02020006	Papscanee Creek-Hudson River	C	1	65.97	TBD	TBD	TBD
02020006000763		02020006	Papscanee Creek-Hudson River	C	1	70.69	TBD	TBD	TBD
02020006002844		02020006	Papscanee Creek-Hudson River	C	1	62.93	TBD	TBD	TBD
02020006002858		02020006	Papscanee Creek-Hudson River	C	1	63.97	TBD	TBD	TBD
02020006002729		02020006	Vloman Kill	C	2	125.82	TBD	TBD	TBD
02020006002742		02020006	Vloman Kill	C	1	133.02	TBD	TBD	TBD
02020006003491		02020006	Schodack Creek	C	1	103.68	TBD	TBD	TBD
02020006003235		02020006	Schodack Creek	C	1	69.83	TBD	TBD	TBD
02020006000778		02020006	Schodack Creek	C	2	104.66	TBD	TBD	TBD
02020006003203		02020006	Schodack Creek	C	1	64.94	TBD	TBD	TBD
02020006003430		02020006	Schodack Creek	C	1	419.78	TBD	TBD	TBD
02020006003679		02020006	Schodack Creek	C	1	91.84	TBD	TBD	TBD
02020006000770	Muitzes Kill	02020006	Schodack Creek	C(T)	1	68.80	TBD	TBD	TBD
02020006000769	Schodack Creek	02020006	Schodack Creek	C	1	133.00	TBD	TBD	TBD
02020006003550		02020006	Schodack Creek	C	1	359.02	TBD	TBD	TBD
02020006007076	Vlockie Kill	02020006	Vlockie Kill-Hudson River	C(T)	1	227.67	TBD	TBD	TBD
02020006003145		02020006	Vlockie Kill-Hudson River	C	1	60.23	TBD	TBD	TBD
02020006000779		02020006	Vlockie Kill-Hudson River	C	1	152.15	TBD	TBD	TBD
02020006000779		02020006	Vlockie Kill-Hudson River	C	1	28.16	TBD	TBD	TBD
02020006003744		02020006	Vlockie Kill-Hudson River	C	1	106.10	TBD	TBD	TBD
02020006000782	Stuyvesant Brook	02020006	Mill Creek-Hudson River	C(T)	1	669.17	TBD	TBD	TBD
02020006004091		02020006	Mill Creek-Hudson River	C	1	100.20	TBD	TBD	TBD
02020006003840		02020006	Mill Creek-Hudson River	C	1	102.34	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006003930		02020006	Mill Creek-Hudson River	C	1	130.70	TBD	TBD	TBD
02020006000781	Mill Creek	02020006	Mill Creek-Hudson River	C	1	103.69	TBD	TBD	TBD
02020006004127		02020006	Mill Creek-Hudson River	C	1	100.79	TBD	TBD	TBD
02020006000783		02020006	Mill Creek-Hudson River	C	1	103.33	TBD	TBD	TBD
02020006000074	Claverack Creek	02020006	Hollowville Creek-Claverack Creek	C(T)	1	512.78	TBD	TBD	TBD
02020006004958		02020006	Loomis Creek-Claverack Creek	C	1	173.49	TBD	TBD	TBD
02020006005255		02020006	Loomis Creek-Claverack Creek	C(T)	1	138.41	TBD	TBD	TBD
02020006000808	Loomis Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	100.74	TBD	TBD	TBD
02020006005190		02020006	Loomis Creek-Claverack Creek	C(T)	1	126.80	TBD	TBD	TBD
02020006005011		02020006	Loomis Creek-Claverack Creek	C	1	104.36	TBD	TBD	TBD
02020006005242		02020006	Loomis Creek-Claverack Creek	C(T)	1	339.25	TBD	TBD	TBD
02020006000058	Taghkanic Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	121.18	TBD	TBD	TBD
02020006004603		02020006	Mud Creek-Claverack Creek	C	1	143.65	TBD	TBD	TBD
02020006000826	Fitting Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	104.76	TBD	TBD	TBD
02020006004696		02020006	Mud Creek-Claverack Creek	C	1	106.84	TBD	TBD	TBD
02020006004716		02020006	Mud Creek-Claverack Creek	C	1	105.36	TBD	TBD	TBD
02020006004555		02020006	Mud Creek-Claverack Creek	C	1	116.27	TBD	TBD	TBD
02020006000840		02020006	Mud Creek-Claverack Creek	C	1	355.76	TBD	TBD	TBD
02020006000819	Mud Creek	02020006	Mud Creek-Claverack Creek	C	3	294.87	TBD	TBD	TBD
02020006004877		02020006	Mud Creek-Claverack Creek	C(T)	1	109.93	TBD	TBD	TBD
02020006000835	Widows Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	101.47	TBD	TBD	TBD
02020006004801		02020006	Mud Creek-Claverack Creek	C	1	175.15	TBD	TBD	TBD
02020006004477		02020006	Mud Creek-Claverack Creek	C	1	108.63	TBD	TBD	TBD
02020006000082	Kinderhook Creek	02020006	Stockport Creek-Kinderhook Creek	C	1	104.56	TBD	TBD	TBD
02020006004301		02020006	Stockport Creek-Kinderhook Creek	C	1	229.36	TBD	TBD	TBD
02020006000019	Roeliff Jansen Kill	02020006	Fall Kill-Roeliff Jansen Kill	C(T)	1	136.66	TBD	TBD	TBD
02020006005835		02020006	Klein Kill-Roeliff Jansen Kill	C	1	137.97	TBD	TBD	TBD
02020006005599		02020006	Klein Kill-Roeliff Jansen Kill	C	1	136.85	TBD	TBD	TBD
02020006005754		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	125.66	TBD	TBD	TBD
02020006005723		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	128.07	TBD	TBD	TBD
02020006000045	Doove Kill	02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	213.39	TBD	TBD	TBD
02020006000961		02020006	Klein Kill-Roeliff Jansen Kill	C	1	116.84	TBD	TBD	TBD
02020006000957		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	123.59	TBD	TBD	TBD
02020006005873		02020006	Klein Kill-Roeliff Jansen Kill	C	2	131.33	TBD	TBD	TBD
02020006006598		02020006	Lakes Kill-Saw Kill	C	1	17.07	TBD	TBD	TBD
02020006006638		02020006	Lakes Kill-Saw Kill	C	1	37.93	TBD	TBD	TBD
02020006000991	Saw Kill	02020006	Lakes Kill-Saw Kill	C(TS)	1	117.89	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006006606		02020006	Lakes Kill-Saw Kill	C	1	139.98	TBD	TBD	TBD
02020006006759		02020006	Lakes Kill-Saw Kill	C	1	149.14	TBD	TBD	TBD
02020006000995		02020006	Lakes Kill-Saw Kill	C	1	536.78	TBD	TBD	TBD
02020008000760		02020008	Little Wappinger Creek	B	1	118.49	TBD	TBD	TBD
02020008001999		02020008	Little Wappinger Creek	B	1	117.81	TBD	TBD	TBD
02020008002108		02020008	Little Wappinger Creek	B	1	181.86	TBD	TBD	TBD
02020008000135	Little Wappinger Creek	02020008	Little Wappinger Creek	B	1	119.04	TBD	TBD	TBD
02020008008100		02020008	Little Wappinger Creek	B(T)	1	125.64	TBD	TBD	TBD
02020008002075		02020008	Little Wappinger Creek	B	1	130.68	TBD	TBD	TBD
02020008002180		02020008	Little Wappinger Creek	B(T)	1	175.17	TBD	TBD	TBD
02020008001835		02020008	Little Wappinger Creek	B	1	123.83	TBD	TBD	TBD
02020008002032		02020008	Little Wappinger Creek	B	1	116.91	TBD	TBD	TBD
02020008000133	Little Wappinger Creek	02020008	Little Wappinger Creek	B(T)	1	193.16	TBD	TBD	TBD
02020008002028		02020008	Little Wappinger Creek	B	1	185.28	TBD	TBD	TBD
02020008002146		02020008	Little Wappinger Creek	B	1	122.39	TBD	TBD	TBD
02020008000775		02020008	Great Spring Creek-Wappinger Creek	B	1	140.37	TBD	TBD	TBD
02020008000774		02020008	Great Spring Creek-Wappinger Creek	B	1	146.74	TBD	TBD	TBD
02020008000770		02020008	Great Spring Creek-Wappinger Creek	B	1	129.48	TBD	TBD	TBD
02020008000256		02020008	Great Spring Creek-Wappinger Creek	B	1	200.50	TBD	TBD	TBD
02020008002410		02020008	Great Spring Creek-Wappinger Creek	B	1	121.81	TBD	TBD	TBD
02020008000772		02020008	Great Spring Creek-Wappinger Creek	B	1	2289.61	TBD	TBD	TBD
02020008002264		02020008	Great Spring Creek-Wappinger Creek	B	1	249.86	TBD	TBD	TBD
02020008002331		02020008	Great Spring Creek-Wappinger Creek	B	2	826.32	TBD	TBD	TBD
Total					**206**	**35,647.73 feet**			
Knickerbocker Route									
02020006000150	Moordener Kill	02020006	Moordener Kill	C(T)	1	85.58	TBD	TBD	TBD
02020006000763		02020006	Papscanee Creek-Hudson River	C	1	70.69	TBD	TBD	TBD
02020006002844		02020006	Papscanee Creek-Hudson River	C	1	62.93	TBD	TBD	TBD
02020006002858		02020006	Papscanee Creek-Hudson River	C	1	63.97	TBD	TBD	TBD
02020006002876		02020006	Papscanee Creek-Hudson River	C	1	65.97	TBD	TBD	TBD
02020006002951		02020006	Papscanee Creek-Hudson River	C	1	69.84	TBD	TBD	TBD
02020006002966	Vierda Kill	02020006	Papscanee Creek-Hudson River	C	1	68.81	TBD	TBD	TBD
02020006000769	Schodack Creek	02020006	Schodack Creek	C	1	133.00	TBD	TBD	TBD
02020006000770	Muitzes Kill	02020006	Schodack Creek	C(T)	1	68.80	TBD	TBD	TBD
02020006000778		02020006	Schodack Creek	C	2	104.66	TBD	TBD	TBD
02020006003203		02020006	Schodack Creek	C	1	64.94	TBD	TBD	TBD
02020006003235		02020006	Schodack Creek	C	1	69.83	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006003430		02020006	Schodack Creek	C	1	419.78	TBD	TBD	TBD
02020006003491		02020006	Schodack Creek	C	1	103.68	TBD	TBD	TBD
02020006003550		02020006	Schodack Creek	C	1	359.02	TBD	TBD	TBD
02020006003679		02020006	Schodack Creek	C	1	91.84	TBD	TBD	TBD
02020006000779		02020006	Vlockie Kill-Hudson River	C	2	180.31	TBD	TBD	TBD
02020006003145		02020006	Vlockie Kill-Hudson River	C	1	60.23	TBD	TBD	TBD
02020006003744		02020006	Vlockie Kill-Hudson River	C	1	106.10	TBD	TBD	TBD
02020006007076	Vlockie Kill	02020006	Vlockie Kill-Hudson River	C(T)	1	227.67	TBD	TBD	TBD
02020006000781	Mill Creek	02020006	Mill Creek-Hudson River	C	1	103.69	TBD	TBD	TBD
02020006000782	Stuyvesant Brook	02020006	Mill Creek-Hudson River	C(T)	1	669.17	TBD	TBD	TBD
02020006000783		02020006	Mill Creek-Hudson River	C	1	103.33	TBD	TBD	TBD
02020006003840		02020006	Mill Creek-Hudson River	C	1	102.34	TBD	TBD	TBD
02020006003930		02020006	Mill Creek-Hudson River	C	1	130.70	TBD	TBD	TBD
02020006004091		02020006	Mill Creek-Hudson River	C	1	100.20	TBD	TBD	TBD
02020006004127		02020006	Mill Creek-Hudson River	C	1	100.79	TBD	TBD	TBD
02020006000074	Claverack Creek	02020006	Hollowville Creek-Claverack Creek	C(T)	1	512.78	TBD	TBD	TBD
02020006000058	Taghkanic Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	121.18	TBD	TBD	TBD
02020006000808	Loomis Creek	02020006	Loomis Creek-Claverack Creek	C(T)	1	100.74	TBD	TBD	TBD
02020006004958		02020006	Loomis Creek-Claverack Creek	C	1	173.49	TBD	TBD	TBD
02020006005011		02020006	Loomis Creek-Claverack Creek	C	1	104.36	TBD	TBD	TBD
02020006005190		02020006	Loomis Creek-Claverack Creek	C(T)	1	126.80	TBD	TBD	TBD
02020006005242		02020006	Loomis Creek-Claverack Creek	C(T)	1	339.25	TBD	TBD	TBD
02020006005255		02020006	Loomis Creek-Claverack Creek	C(T)	1	138.41	TBD	TBD	TBD
02020006000819	Mud Creek	02020006	Mud Creek-Claverack Creek	C	3	294.87	TBD	TBD	TBD
02020006000826	Fitting Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	104.76	TBD	TBD	TBD
02020006000835	Widows Creek	02020006	Mud Creek-Claverack Creek	C(T)	1	101.47	TBD	TBD	TBD
02020006000840		02020006	Mud Creek-Claverack Creek	C	1	355.76	TBD	TBD	TBD
02020006004477		02020006	Mud Creek-Claverack Creek	C	1	108.63	TBD	TBD	TBD
02020006004555		02020006	Mud Creek-Claverack Creek	C	1	116.27	TBD	TBD	TBD
02020006004603		02020006	Mud Creek-Claverack Creek	C	1	143.65	TBD	TBD	TBD
02020006004696		02020006	Mud Creek-Claverack Creek	C	1	106.84	TBD	TBD	TBD
02020006004716		02020006	Mud Creek-Claverack Creek	C	1	105.36	TBD	TBD	TBD
02020006004801		02020006	Mud Creek-Claverack Creek	C	1	175.15	TBD	TBD	TBD
02020006004877		02020006	Mud Creek-Claverack Creek	C(T)	1	109.93	TBD	TBD	TBD
02020006000082	Kinderhook Creek	02020006	Stockport Creek-Kinderhook Creek	C	1	104.56	TBD	TBD	TBD
02020006004301		02020006	Stockport Creek-Kinderhook Creek	C	1	229.36	TBD	TBD	TBD
02020006000019	Roeliff Jansen Kill	02020006	Fall Kill-Roeliff Jansen Kill	C(T)	1	136.66	TBD	TBD	TBD

Table 3.3 Mapped Rivers and Streams Within the Marcy/Edic to Pleasant Valley Project Area

Stream Number	Stream Name	Sub-basin (HUC 8)	Watershed (HUC 12)	NYS Water Quality Classification	Number of ROW Crossings	Distance Crossed by ROW (Feet)	Number of Proposed Access Road Crossings	Length of Proposed Access Road Crossings (Feet)	Area of Proposed Access Road Crossings (Acres)
02020006000045	Doove Kill	02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	213.39	TBD	TBD	TBD
02020006000957		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	123.59	TBD	TBD	TBD
02020006000961		02020006	Klein Kill-Roeliff Jansen Kill	C	1	116.84	TBD	TBD	TBD
02020006005599		02020006	Klein Kill-Roeliff Jansen Kill	C	1	136.85	TBD	TBD	TBD
02020006005723		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	128.07	TBD	TBD	TBD
02020006005754		02020006	Klein Kill-Roeliff Jansen Kill	C(T)	1	125.66	TBD	TBD	TBD
02020006005835		02020006	Klein Kill-Roeliff Jansen Kill	C	1	137.97	TBD	TBD	TBD
02020006005873		02020006	Klein Kill-Roeliff Jansen Kill	C	2	131.33	TBD	TBD	TBD
02020006000991	Saw Kill	02020006	Lakes Kill-Saw Kill	C(TS)	1	117.89	TBD	TBD	TBD
02020006000995		02020006	Lakes Kill-Saw Kill	C	1	536.78	TBD	TBD	TBD
02020006006598		02020006	Lakes Kill-Saw Kill	C	1	17.07	TBD	TBD	TBD
02020006006606		02020006	Lakes Kill-Saw Kill	C	1	139.98	TBD	TBD	TBD
02020006006638		02020006	Lakes Kill-Saw Kill	C	1	37.93	TBD	TBD	TBD
02020006006759		02020006	Lakes Kill-Saw Kill	C	1	149.14	TBD	TBD	TBD
02020008000133	Little Wappinger Creek	02020008	Little Wappinger Creek	B(T)	1	193.16	TBD	TBD	TBD
02020008000135	Little Wappinger Creek	02020008	Little Wappinger Creek	B	1	119.04	TBD	TBD	TBD
02020008000760		02020008	Little Wappinger Creek	B	1	118.49	TBD	TBD	TBD
02020008001835		02020008	Little Wappinger Creek	B	1	123.83	TBD	TBD	TBD
02020008001999		02020008	Little Wappinger Creek	B	1	117.81	TBD	TBD	TBD
02020008002028		02020008	Little Wappinger Creek	B	1	185.28	TBD	TBD	TBD
02020008002032		02020008	Little Wappinger Creek	B	1	116.91	TBD	TBD	TBD
02020008002075		02020008	Little Wappinger Creek	B	1	130.68	TBD	TBD	TBD
02020008002108		02020008	Little Wappinger Creek	B	1	181.86	TBD	TBD	TBD
02020008002146		02020008	Little Wappinger Creek	B	1	122.39	TBD	TBD	TBD
02020008002180		02020008	Little Wappinger Creek	B(T)	1	175.17	TBD	TBD	TBD
02020008008100		02020008	Little Wappinger Creek	B(T)	1	125.64	TBD	TBD	TBD
02020008000256		02020008	Great Spring Creek-Wappinger Creek	B	1	200.50	TBD	TBD	TBD
02020008000770		02020008	Great Spring Creek-Wappinger Creek	B	1	129.48	TBD	TBD	TBD
02020008000772		02020008	Great Spring Creek-Wappinger Creek	B	1	2289.61	TBD	TBD	TBD
02020008000774		02020008	Great Spring Creek-Wappinger Creek	B	1	146.74	TBD	TBD	TBD
02020008000775		02020008	Great Spring Creek-Wappinger Creek	B	1	140.37	TBD	TBD	TBD
02020008002264		02020008	Great Spring Creek-Wappinger Creek	B	1	249.86	TBD	TBD	TBD
02020008002331		02020008	Great Spring Creek-Wappinger Creek	B	2	826.32	TBD	TBD	TBD
02020008002410		02020008	Great Spring Creek-Wappinger Creek	B	1	121.81	TBD	TBD	TBD
Total					**89**	**15,525.57 feet**			
Source:	NHDPlus Hydrography Dataset http://www.horizon-systems.com/nhdplus/ NYSDEC Water Quality Classifications - Stream/Rivers http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=1118								

Table 3.4 Significant Coastal Habitats & Significant Natural Ecological Communities Within the Marcy/Edic to Pleasant Valley Project Area

Habitat Type	Habitat Name	Distance Crossed by ROW (Feet)	Area of Anticipated Temporary Disturbance (Acres)	Anticipated Number of Structures in Habitat	Area of Anticipated Permanent Disturbance (Acres)
Thruway Route					
Significant Coastal Habitat	Catskill Creek	142.80	0.23	-	-
Significant Coastal Habitat	Kingston-Poughkeepsie Deepwater	-	3.34	-	-
Significant Natural Ecological Community	Catskill Creek Austin Glen	179.21	0.29	-	-
Significant Natural Ecological Community	Hans Vosen Kill	3,918.93	6.74	8	0.0036
Significant Natural Ecological Community	Illinois Mountain	2,470.50	3.94	7	0.00315
Significant Natural Ecological Community	Shaupeneak Mountain	684.04	1.09	1	0.00045
Significant Natural Ecological Community	Hudson River Estuary	-	4.06	-	-
Significant Natural Ecological Community	Greater Rosendale	6.01	0.20	-	-
Significant Natural Ecological Community	Albany Pine Bush	1,829.78	3.28	4	0.0018
Total		**9,231.27 feet**	**23.17 acres**	**20 structures**	**0.009 acres**
Marcy Southern Route 2					
Significant Coastal Habitat	Schodack and Houghtaling Islands and Schodack Creek	2,491.3	10.99	2	0.0009
Significant Coastal Habitat	Shad and Schermerhorn Islands	1,020.50	3.5	-	-
Significant Natural Ecological Community	Hudson River Estuary	1,045.30	3.59	-	-
Significant Natural Ecological Community	Schodack Island State Park	279.83	1.24	-	-
Total		**4,836.93 feet**	**19.33 acres**	**2 structures**	**0.0009 acres**
Notes:	Routes not identified do not cross any identified Significant Coastal Habitat or Significant Natural Ecological Community.				
Source:	NYS Significant Coastal Fish and Wildlife Boundaries https://gis.ny.gov/gisdata/inventories/details.cfm?DSID=318 NYSDEC Natural Heritage Communities http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=1241				

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
Thruway Route						
Dwarf wedgemussel (*Alasmidonta heterodon*)	Molluscs	Endangered	Endangered	Dutchess	The species lives on muddy sand, sand, and gravel bottom creeks and rivers that are shallow in depth and provide logs, root mats, and/or patches of wild celery (*Valisneria Americana*). The species requires areas of slow-moderate current, good water quality, and little silt deposition (*FWS Dwarf wedgemussel Recovery plan*).	Potential habitat for dwarf wedgemussel is not likely to be present within the Project ROW.
Karner blue butterfly (*Lycaeides melissa samuelis*)	Insects	Endangered	Endangered	Albany and Schenectady	The species is dependent on Wild lupine (*Lupinus perennis*), the species only known larval food plant and nectar plant for adults. Wild lupine historically occurs in savanna and barren habitats with dry sandy soils. In NY, the species was once common in the Albany Pine Bush, but is now limited to the remaining original Albany Pine Bush with limited degradation and natural succession and the Saratoga Sandplains (*FWS Karner Blue Butterfly Recovery plan*).	Potential Karner blue butterfly habitat may be present within the Project ROW in areas of Albany and Schenectady Counties which cross remaining stands of Albany Pine Bush with the presence of Wild lupine.
Indiana bat (*Myotis sodalist*)	Mammals	Endangered	Endangered	Albany, Dutchess, and Ulster	During winter, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for Indiana bat include large living/dead trees with large slabs of peeling bark. The roosting sites generally receive direct sunlight for more than half a day, and are within close proximity to canopy gaps or wooded edges near riparian zones, floodplain habitats, wooded wetlands and adjacent upland communities (*FWS Indiana Bat Recovery plan*).	Potential Indiana bat roosting habitat may be present adjacent to the Project ROW through wooded areas. No clearing is anticipated as the Project will utilize existing transportation ROW. Albany and Ulster Counties are known to contain hibernacula habitat, and Dutchess County is known to contain roosting habitat (*Figure 3. FWS Indiana Bat Recovery plan*).
New England cottontail rabbit (*Sylvilagus transitionalis*)	Mammals	Candidate	Special Concern	Dutchess	This species of rabbit prefers early successional forest or thickets of young forests, typically less than 25 years of growth. It is presumed that non-native shrub species of multiflora rose and honeysuckle, while shrub species, do not provide the species with food resources (*FWS New England Cottontail Rabbit Fact Sheet*)	Potential habitat for New England Cottontail Rabbit is not likely to be present within the Project ROW. The Project ROW will be located within an existing transportation corridor, which will most likely contain thickets of non-native shrub species of multiflora rose and honeysuckle.
Northern long-eared bat (*Mytois septentrionalis*)	Mammals	Proposed Endangered		Throughout All NY Counties	Similar to Indiana bat, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for long-eared bat include large living/dead trees with large slabs of peeling bark, as well as, man-made structures including barns and abandoned buildings. Roosting sites commonly are located in old growth forests mainly on hillsides and ridges. Long-eared bat are known to forage along forest openings, paths, ponds, streams, wetlands and forest edges (*Wisconsin DNR Northern Long-eared Bat Fact Sheet)*	Potential Northern long-eared bat is not likely present within the Project ROW as the Project will utilize an existing transportation corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
Bog turtle (*Clemmys muhlenbergii*)	Reptiles	Threatened	Endangered	Dutchess and Ulster	Bog turtles are limited to rich graminoid fens and shrubby fens that are hydrologicaly connected to seeps and springs. Usually the organic or mineral mucky soils, which can be probed to 3-inches or greater, are permanently saturated but are rarely flooded. Vegetation within Bog turtle habitat grows to less than 3-meters tall and consists of graminoids and low growth shrubs, as well as stunted trees and tall shrubs surrounding the outskirts of the habitat. Typical vegetative indicators for the species within the Hudson-Housatonic RU includes calciphiles: *Carex stricta, C.lasiocarpa, C. flava, Parnassia glauca,* and *Potentilla fruticosa*.	Potential Bog turtle habitat may be present within the Project ROW on the fringes and head waters of large wetland complexes.
Marcy Southern Route 1						
Dwarf wedgemussel (*Alasmidonta heterodon*)	Molluscs	Endangered	Endangered	Dutchess	The species lives on muddy sand, sand, and gravel bottom creeks and rivers that are shallow in depth and provide logs, root mats, and/or patches of wild celery (*Valisneria Americana*). The species requires areas of slow-moderate current, good water quality, and little silt deposition (*FWS Dwarf wedgemussel Recovery plan*).	Potential habitat for dwarf wedgemussel is not likely to be present within the Project ROW.
Karner blue butterfly (*Lycaeides melissa samuelis*)	Insects	Endangered	Endangered	Albany and Schenectady	The species is dependent on Wild lupine (*Lupinus perennis*), the species only known larval food plant and nectar plant for adults. Wild lupine historically occurs in savanna and barren habitats with dry sandy soils. In NY, the species was once common in the Albany Pine Bush, but is now limited to the remaining original Albany Pine Bush with limited degradation and natural succession and the Saratoga Sandplains (*FWS Karner Blue Butterfly Recovery plan*).	Potential Karner blue butterfly habitat may be present within the Project ROW in areas of Albany and Schenectady Counties which cross remaining stands of Albany Pine Bush with the presence of Wild lupine.
Indiana bat (*Myotis sodalist*)	Mammals	Endangered	Endangered	Albany, Columbia, and Dutchess	During winter, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for Indiana bat include large living/dead trees with large slabs of peeling bark. The roosting sites generally receive direct sunlight for more than half a day, and are within close proximity to canopy gaps or wooded edges near riparian zones, floodplain habitats, wooded wetlands and adjacent upland communities (*FWS Indiana Bat Recovery plan*).	Potential Indiana bat habitat is not likely present within the Project ROW as the Project will utilize an existing transmission corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.
New England cottontail rabbit (*Sylvilagus transitionalis*)	Mammals	Candidate	Special Concern	Columbia and Dutchess	This species of rabbit prefers early successional forest or thickets of young forests, typically less than 25 years of growth. It is presumed that non-native shrub species of multiflora rose and honeysuckle, while shrub species, do not provide the species with food resources (*FWS New England Cottontail Rabbit Fact Sheet*)	Potential habitat for New England Cottontail Rabbit is not likely to be present within the Project ROW. The Project ROW will be located within an existing electrical transmission ROW, which will most likely contain thickets of non-native shrub species of multiflora rose and honeysuckle.

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
Northern long-eared bat (*Mytois septentrionalis*)	Mammals	Proposed Endangered		Throughout All NY Counties	Similar to Indiana bat, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for long-eared bat include large living/dead trees with large slabs of peeling bark, as well as, man-made structures including barns and abandoned buildings. Roosting sites commonly are located in old growth forests mainly on hillsides and ridges. Long-eared bat are known to forage along forest openings, paths, ponds, streams, wetlands and forest edges (*Wisconsin DNR Northern Long-eared Bat Fact Sheet)*	Potential Northern long-eared bat is not likely present within the Project ROW as the Project will utilize an existing transmission corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.
Bog turtle (*Clemmys muhlenbergii*)	Reptiles	Threatened	Endangered	Columbia, Dutchess, and Rensselaer	Bog turtles are limited to rich graminoid fens and shrubby fens that are hydrologicaly connected to seeps and springs. Usually the organic or mineral mucky soils, which can be probed to 3-inches or greater, are permanently saturated but are rarely flooded. Vegetation within Bog turtle habitat grows to less than 3-meters tall and consists of graminoids and low growth shrubs, as well as stunted trees and tall shrubs surrounding the outskirts of the habitat. Typical vegetative indicators for the species within the Hudson-Housatonic RU includes calciphiles: *Carex stricta*, *C.lasiocarpa*, *C. flava*, *Parnassia glauca*, and *Potentilla fruticosa*.	Potential Bog turtle habitat may be present within the Project ROW on the fringes and head waters of large wetland complexes.
Marcy Southern Route 2						
Dwarf wedgemussel (*Alasmidonta heterodon*)	Molluscs	Endangered	Endangered	Dutchess	The species lives on muddy sand, sand, and gravel bottom creeks and rivers that are shallow in depth and provide logs, root mats, and/or patches of wild celery (*Valisneria Americana*). The species requires areas of slow-moderate current, good water quality, and little silt deposition (*FWS Dwarf wedgemussel Recovery plan*).	Potential habitat for dwarf wedgemussel is not likely to be present within the Project ROW.
Karner blue butterfly (*Lycaeides melissa samuelis*)	Insects	Endangered	Endangered	Albany and Schenectady	The species is dependent on Wild lupine (*Lupinus perennis*), the species only known larval food plant and nectar plant for adults. Wild lupine historically occurs in savanna and barren habitats with dry sandy soils. In NY, the species was once common in the Albany Pine Bush, but is now limited to the remaining original Albany Pine Bush with limited degradation and natural succession and the Saratoga Sandplains (*FWS Karner Blue Butterfly Recovery plan*).	Potential Karner blue butterfly habitat may be present within the Project ROW in areas of Albany and Schenectady Counties which cross remaining stands of Albany Pine Bush with the presence of Wild lupine.
Indiana bat (*Myotis sodalist*)	Mammals	Endangered	Endangered	Columbia, and Dutchess	During winter, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for Indiana bat include large living/dead trees with large slabs of peeling bark. The roosting sites generally receive direct sunlight for more than half a day, and are within close proximity to canopy gaps or wooded edges near riparian zones, floodplain habitats, wooded wetlands and adjacent upland communities (*FWS Indiana Bat Recovery plan*).	Potential Indiana bat habitat is not likely present within the Project ROW as the Project will utilize an existing transmission corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
New England cottontail rabbit (*Sylvilagus transitionalis*)	Mammals	Candidate	Special Concern	Columbia and Dutchess	This species of rabbit prefers early successional forest or thickets of young forests, typically less than 25 years of growth. It is presumed that non-native shrub species of multiflora rose and honeysuckle, while shrub species, do not provide the species with food resources (*FWS New England Cottontail Rabbit Fact Sheet*)	Potential habitat for New England Cottontail Rabbit is not likely to be present within the Project ROW. The Project ROW will be located within an existing electrical transmission ROW, which will most likely contain thickets of non-native shrub species of multiflora rose and honeysuckle.
Northern long-eared bat (*Mytois septentrionalis*)	Mammals	Proposed Endangered		Throughout All NY Counties	Similar to Indiana bat, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for long-eared bat include large living/dead trees with large slabs of peeling bark, as well as, man-made structures including barns and abandoned buildings. Roosting sites commonly are located in old growth forests mainly on hillsides and ridges. Long-eared bat are known to forage along forest openings, paths, ponds, streams, wetlands and forest edges (*Wisconsin DNR Northern Long-eared Bat Fact Sheet)*	Potential Northern long-eared bat is not likely present within the Project ROW as the Project will utilize an existing transmission corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.
Bog turtle (*Clemmys muhlenbergii*)	Reptiles	Threatened	Endangered	Columbia, Dutchess, and Rensselaer	Bog turtles are limited to rich graminoid fens and shrubby fens that are hydrologicaly connected to seeps and springs. Usually the organic or mineral mucky soils, which can be probed to 3-inches or greater, are permanently saturated but are rarely flooded. Vegetation within Bog turtle habitat grows to less than 3-meters tall and consists of graminoids and low growth shrubs, as well as stunted trees and tall shrubs surrounding the outskirts of the habitat. Typical vegetative indicators for the species within the Hudson-Housatonic RU includes calciphiles: *Carex stricta, C.lasiocarpa, C. flava, Parnassia glauca*, and *Potentilla fruticosa*.	Potential Bog turtle habitat may be present within the Project ROW on the fringes and head waters of large wetland complexes.
Marcy Northern Route						
Dwarf wedgemussel (*Alasmidonta heterodon*)	Molluscs	Endangered	Endangered	Dutchess	The species lives on muddy sand, sand, and gravel bottom creeks and rivers that are shallow in depth and provide logs, root mats, and/or patches of wild celery (*Valisneria Americana*). The species requires areas of slow-moderate current, good water quality, and little silt deposition (*FWS Dwarf wedgemussel Recovery plan*).	Potential habitat for dwarf wedgemussel is not likely to be present within the Project ROW.
Karner blue butterfly (*Lycaeides melissa samuelis*)	Insects	Endangered	Endangered	Albany and Schenectady	The species is dependent on Wild lupine (*Lupinus perennis*), the species only known larval food plant and nectar plant for adults. Wild lupine historically occurs in savanna and barren habitats with dry sandy soils. In New York, the species was once common in the Albany Pine Bush, but is now limited to the remaining original Albany Pine Bush with limited degradation and natural succession and the Saratoga Sandplains (*FWS Karner Blue Butterfly Recovery plan*).	Potential Karner blue butterfly habitat may be present within the Project ROW in areas of Albany and Schenectady Counties which cross remaining stands of Albany Pine Bush with the presence of Wild lupine.

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
Indiana bat (*Myotis sodalist*)	Mammals	Endangered	Endangered	Albany, Columbia, and Dutchess	During winter, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for Indiana bat include large living/dead trees with large slabs of peeling bark. The roosting sites generally receive direct sunlight for more than half a day, and are within close proximity to canopy gaps or wooded edges near riparian zones, floodplain habitats, wooded wetlands and adjacent upland communities (*FWS Indiana Bat Recovery plan*).	Potential Indiana bat roosting habitat may be present within the Project ROW in areas that cross forested cover in Albany and Columbia Counties which are known to contain hibernacula habitat, and Dutchess County is known to contain roosting habitat (*Figure 3. FWS Indiana Bat Recovery plan*).
New England cottontail rabbit (*Sylvilagus transitionalis*)	Mammals	Candidate	Special Concern	Columbia and Dutchess	This species of rabbit prefers early successional forest or thickets of young forests, typically less than 25 years of growth. It is presumed that non-native shrub species of multiflora rose and honeysuckle, while shrub species, do not provide the species with food resources (*FWS New England Cottontail Rabbit Fact Sheet*).	Potential habitat for New England Cottontail Rabbit is not likely to be present within the Project ROW. The Project ROW will be located within and/or adjacent to an existing electrical transmission corridor, which will most likely contain thickets of non-native shrub species of multiflora rose and honeysuckle.
Northern long-eared bat (*Mytois septentrionalis*)	Mammals	Proposed Endangered		Throughout All NY Counties	Similar to Indiana bat, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for long-eared bat include large living/dead trees with large slabs of peeling bark, as well as, man-made structures including barns and abandoned buildings. Roosting sites commonly are located in old growth forests mainly on hillsides and ridges. Long-eared bat are known to forage along forest openings, paths, ponds, streams, wetlands and forest edges (*Wisconsin DNR Northern Long-eared Bat Fact Sheet).*	Potential Northern long-eared bat roosting and foraging habitat may be present within the Project ROW in areas that cross forested cover.
Bog turtle (*Clemmys muhlenbergii*)	Reptiles	Threatened	Endangered	Columbia, Dutchess, and Rensselaer	Bog turtles are limited to rich graminoid fens and shrubby fens that are hydrologicaly connected to seeps and springs. Usually the organic or mineral mucky soils, which can be probed to 3-inches or greater, are permanently saturated but are rarely flooded. Vegetation within Bog turtle habitat grows to less than 3-meters tall and consists of graminoids and low growth shrubs, as well as stunted trees and tall shrubs surrounding the outskirts of the habitat. Typical vegetative indicators for the species within the Hudson-Housatonic RU includes calciphiles: *Carex stricta, C.lasiocarpa, C. flava, Parnassia glauca,* and *Potentilla fruticosa*.	Potential Bog turtle habitat may be present within the Project ROW on the fringes and head waters of large wetland complexes.
Knickerbocker Route						
Dwarf wedgemussel (*Alasmidonta heterodon*)	Molluscs	Endangered	Endangered	Dutchess	The species lives on muddy sand, sand, and gravel bottom creeks and rivers that are shallow in depth and provide logs, root mats, and/or patches of wild celery (*Valisneria Americana*). The species requires areas of slow-moderate current, good water quality, and little silt deposition (*FWS Dwarf wedgemussel Recovery plan*).	Potential habitat for dwarf wedgemussel is not likely to be present within the Project ROW.

Table 3.5 Rare, Threatened or Endangered Species Habitats Within the Marcy/Edic to Pleasant Valley Project Area

Name	Subgroup	Federal Protection Status (IPaC)	State Protection Status (NYSDEC NHP)	Observed in NYS Counties within ROW	Habitat Requirements	Initial Review of Potential Presence in ROW
Indiana bat (*Myotis sodalist*)	Mammals	Endangered	Endangered	Columbia and Dutchess	During winter, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for Indiana bat include large living/dead trees with large slabs of peeling bark. The roosting sites generally receive direct sunlight for more than half a day, and are within close proximity to canopy gaps or wooded edges near riparian zones, floodplain habitats, wooded wetlands and adjacent upland communities (*FWS Indiana Bat Recovery plan*).	Potential Indiana bat roosting habitat may be present adjacent to the Project ROW through wooded areas. No clearing is anticipated as the Project will utilize existing transmission ROW. Columbia County is known to contain hibernacula habitat, and Dutchess County is known to contain roosting habitat (*Figure 3. FWS Indiana Bat Recovery plan*).
New England cottontail rabbit (*Sylvilagus transitionalis*)	Mammals	Candidate	Special Concern	Columbia and Dutchess	This species of rabbit prefers early successional forest or thickets of young forests, typically less than 25 years of growth. It is presumed that non-native shrub species of multiflora rose and honeysuckle, while shrub species, do not provide the species with food resources (*FWS New England Cottontail Rabbit Fact Sheet*)	Potential habitat for New England Cottontail Rabbit is not likely to be present within the Project ROW. The Project ROW will be located within an existing electrical transmission ROW, which will most likely contain thickets of non-native shrub species of multiflora rose and honeysuckle.
Northern long-eared bat (*Mytois septentrionalis*)	Mammals	Proposed Endangered		Throughout All NY Counties	Similar to Indiana bat, the species is limited to hibernacula sites, such as, caves and/or cave-like abandoned mines in the winter, and summer roosting habitat for long-eared bat include large living/dead trees with large slabs of peeling bark, as well as, man-made structures including barns and abandoned buildings. Roosting sites commonly are located in old growth forests mainly on hillsides and ridges. Long-eared bat are known to forage along forest openings, paths, ponds, streams, wetlands and forest edges (*Wisconsin DNR Northern Long-eared Bat Fact Sheet)*	Potential Northern long-eared bat is not likely present within the Project ROW as the Project will utilize an existing transmission corridor. Potential roosting habitat may be present adjacent to the Project ROW through wooded areas; however, no clearing is anticipated.
Bog turtle (*Clemmys muhlenbergii*)	Reptiles	Threatened	Endangered	Columbia, Dutchess, and Rensselaer	Bog turtles are limited to rich graminoid fens and shrubby fens that are hydrologicaly connected to seeps and springs. Usually the organic or mineral mucky soils, which can be probed to 3-inches or greater, are permanently saturated but are rarely flooded. Vegetation within Bog turtle habitat grows to less than 3-meters tall and consists of graminoids and low growth shrubs, as well as stunted trees and tall shrubs surrounding the outskirts of the habitat. Typical vegetative indicators for the species within the Hudson-Housatonic RU includes calciphiles: *Carex stricta, C.lasiocarpa, C. flava, Parnassia glauca,* and *Potentilla fruticosa*.	Potential Bog turtle habitat may be present within the Project ROW on the fringes and head waters of large wetland complexes.

Source:

USFWS IPaC Review http://ecos.fws.gov/ipac/ Access January 2015.
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Table 4.1 Historic Resources Within the Marcy/Edic to Pleasant Valley Project Area

Name	Category	Distance Crossed by ROW (Miles)	Area Crossed by ROW (Acres)	Area of Anticipated Disturbance (Acres)
Thruway Route				
Poughkeepsie Bridge	Eligible	0.3	1.0	0
Source:	NRHP (National Park Service) http://nrhp.focus.nps.gov/natreg/docs/Download.html NYS Cultural Resource Information System https://cris.parks.ny.gov/Login.aspx?ReturnUrl=%2f Scenic Areas of Statewide Significance https://gis.ny.gov/gisdata/inventories/index.cfm?AlphaIndex=S			

Table 6.1 Noise Sensitive Receptors Within the Vicinity of the Proposed Substations for the Marcy/Edic to Pleasant Valley Project

Proposed Substation	Number of Sensitive Noise Receptors Within Proximity (feet)		
	0 to 250 feet	250 to 500 feet	500 to 1,000 feet
Princetown Substation	0	0	2
Orchard Hill Switchyard	0	0	0
Knickerbocker Switchyard	0	1	3
New Churchtown Switchyard	0	0	4
Source:	Google Earth		

Table 6.2 Land Use Categories for Estimating Ambient Noise Levels

Category	Land Use	Description	Estimated Existing Daytime L_{eq}	Estimated Existing Nighttime L_{eq}
1	Noisy Commercial and Industrial Areas	Very heavy traffic conditions, such as in busy downtown commercial areas, at intersections of mass transportation and other vehicles, including trains, heavy motor trucks and other heavy traffic, and street corners where motor buses and heavy trucks accelerate.	66 dBA	58 dBA
2	Moderate Commercial and Industrial Areas, and Noisy Residential Areas	Heavy traffic areas with conditions similar to Category 1 but with somewhat less traffic, routes of relatively heavy or fast automobile traffic but where heavy truck traffic is not extremely dense, and motor bus routes.	61 dBA	54 dBA
3	Quiet Commercial, Industrial Areas, and Normal Urban and Noisy Residential Areas	Light traffic conditions where no mass transportation vehicles and relatively few automobiles and trucks pass, and where these vehicles generally travel at low speeds. Residential areas and commercial streets and intersections with little traffic comprise this category.	55 dBA	49 dBA
4	Quiet Urban and Normal Residential Areas	These areas are similar to Category 3 above but, for this group, the background is either distant traffic or is unidentifiable.	50 dBA	44dBA
5	Quiet Suburban Residential Areas	Isolated areas, far from significant sources of sound.	45 dBA	39 dBA
6	Very Quiet, Sparse Suburban or Rural Areas	These areas are similar to Category 5 above but are usually in unincorporated areas and, for this group, there are few if any near neighbors.	40 dBA	34 dBA
Source:	ANSI S12.9-1993/Part 3			

Table 7.1 Flood Hazard Areas Within the Marcy/Edic to Pleasant Valley Project Area

Flood Hazard Area Category	Flood Zone	Number of ROW Crossings	Distance of ROW Crossings (Miles)	Estimated Number of Permanent Structures
Thruway Route				
X100		125	21.06	193
	100-year A (Old Data)	*7*	*5.13*	*70*
	Zone A	*43*	*5.62*	*45*
	Zone AE	*75*	*10.31*	*78*
X500		48	3.08	42
Total		**173**	**24.14**	**235**
Marcy Southern Route 1				
X100		70	4.80	35
	100-year A (Old Data)	*6*	*0.40*	*2*
	Zone A	*27*	*3.40*	*26*
	Zone AE	*37*	*1.00*	*7*
X500		20	1.25	5
Total		**90**	**6.05**	**40**
Marcy Southern Route 2				
X100		95	11.0	53
	100-year A (Old Data)	*10*	*0.79*	*6*
	Zone A	*39*	*8.00*	*38*
	Zone AE	*46*	*2.21*	*9*
X500		28	1.46	7
Total		**123**	**12.46**	**60**
Marcy Northern Route				
X100		80	6.07	39
	100-year A (Old Data)	*13*	*1.61*	*10*
	Zone A	*26*	*3.30*	*20*
	Zone AE	*41*	*1.16*	*8*
	Zone AH	*1*	*0.00*	*1*
X500		22	1.26	0
Total		**102**	**7.33**	**39**
Knickerbocker Route				
X100		50	2.07	15
	100-year A (Old Data)	*0*	*0.00*	*0*
	Zone A	*13*	*1.06*	*7*
	Zone AE	*37*	*0.99*	*7*
X500		20	1.25	0
Total		**70**	**3.32**	**14**
Source:	NHD NY Statewide dataset http://nhd.usgs.gov/ FEMA Flood Zones dataset https://msc.fema.gov/portal Digitized flood data provided by NextEra			

	"Hazus Model data provided by Fulton County hazard mitigation plan " http://www.fultoncountyny.gov/hazard/Section%205.4.3%20-%20Flood.pdf