

Soil Type:

AcA - Alden and Chippewa soils, 0 to 3 percent slopes

Ad - Alluvial land

ArD - Arnot channery silt loam, 0 to 25 percent slopes

CcC - Cattaraugus channery silt loam, 5 to 15 percent slopes

CcD - Cattaraugus channery silt loam, 15 to 25 percent slopes

CcE - Cattaraugus channery silt loam, 25 to 35 percent slopes

ChC - Chenango and Howard gravelly loams, 5 to 15 percent slopes

ChD - Chenango and Howard gravelly loams, 15 to 25 percent slopes

CpB - Chippewa channery silt loam, 3 to 8 percent slopes

CuB - Culvers channery silt loam, 2 to 8 percent slopes

CuC - Culvers channery silt loam, 8 to 15 percent slopes

CuD - Culvers channery silt loam, 15 to 25 percent slopes

Cw - Cut and fill lands, loamy materials

LdC - Lordstown channery silt loam, 5 to 15 percent slopes

LdD - Lordstown channery silt loam, 15 to 25 percent slopes

LoE - Lordstown and Oquaga channery silt loams, 25 to 35 percent slopes

LrF - Lordstown and Oquaga soils, 35 to 60 percent slopes

LsE - Lordstown and Oquaga extremely stony and rocky soils, 0 to 35 percent slopes

MhC - Mardin channery silt loam, 8 to 15 percent slopes

MhD - Mardin channery silt loam, 15 to 25 percent slopes

MhE - Mardin channery silt loam, 25 to 35 percent slopes

MrF - Mardin and Cattaraugus soils, 35 to 60 percent slopes

Ms - Middlebury silt loam

MtB - Morris channery silt loam, 2 to 8 percent slopes

MtC - Morris channery silt loam, 8 to 15 percent slopes

MuD - Morris and Tuller very stony soils, 3 to 25 percent slopes

OuC - Oquaga channery silt loam, 5 to 15 percent slopes

OuD - Oquaga channery silt loam, 15 to 25 percent slopes

Ta - Tioga silt loam

Tg - Tioga gravelly silt loam, fan

UnC - Unadilla silt loam, 5 to 15 percent slopes

VoC - Volusia channery silt loam, 8 to 15 percent slopes

VoD - Volusia channery silt loam, 15 to 25 percent slopes

W - Water

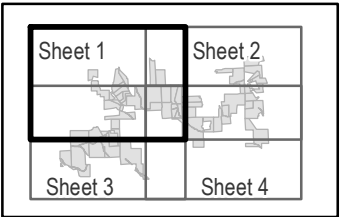
Wd - Wayland soils complex, 0 to 3 percent slopes, frequently flooded

Bluestone Wind Project

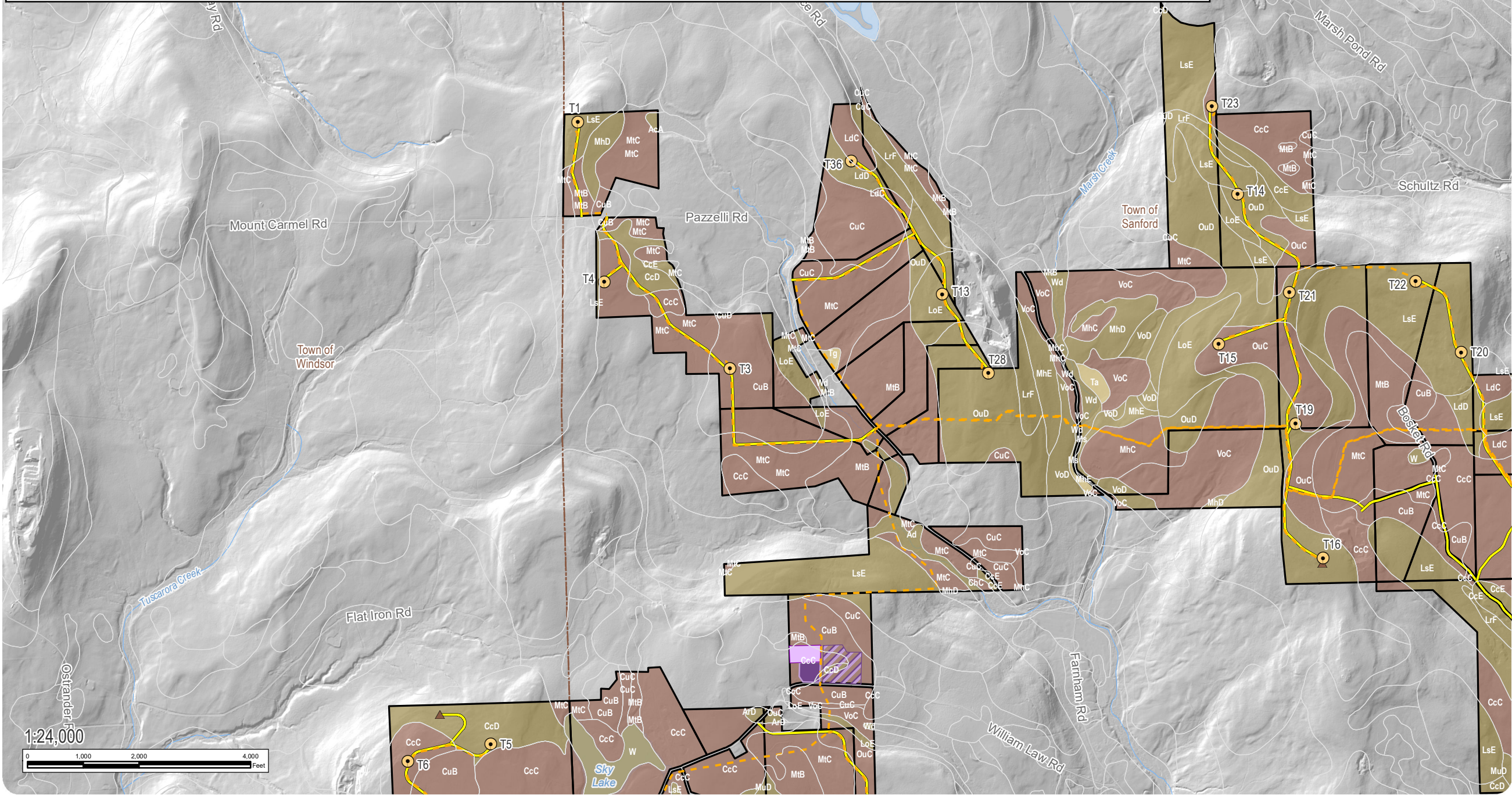
Towns of Sanford and Windsor, Broome County, New York

Figure 21-2: Soil Types  
Sheet 1 of 4

- Wind Turbine
  - Met Tower
  - Access Road
  - Collection Line
  - Batch Plant
  - Laydown Area
  - O&M Facility
  - Facility Site
  - Soil Unit Boundary
- Soil Farmland Classification:
- All areas are prime farmland
  - Farmland of statewide importance
  - Not prime farmland
  - Town Boundary
  - County Boundary



**Notes:** 1. Basemap: Hillshade derived from 10-meter resolution USGS DEM data; ESRI Street Map North America, 2008. 2. This map was generated in ArcMap on September 17, 2018. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Soil type classifications listed on Sheet 1.



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LdC - Lordstown channery silt loam, 5 to 15 percent slopes

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MhC - Mardin channery silt loam, 8 to 15 percent slopes

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MtB - Morris channery silt loam, 2 to 8 percent slopes

MtC - Morris channery silt loam, 8 to 15 percent slopes

MuD - Morris and Tuller very stony soils, 3 to 25 percent slopes

OuC - Oquaga channery silt loam, 5 to 15 percent slopes

OuD - Oquaga channery silt loam, 15 to 25 percent slopes

Ta - Tioga silt loam

Tg - Tioga gravelly silt loam, fan

UnC - Unadilla silt loam, 5 to 15 percent slopes

VoC - Volusia channery silt loam, 8 to 15 percent slopes

VoD - Volusia channery silt loam, 15 to 25 percent slopes

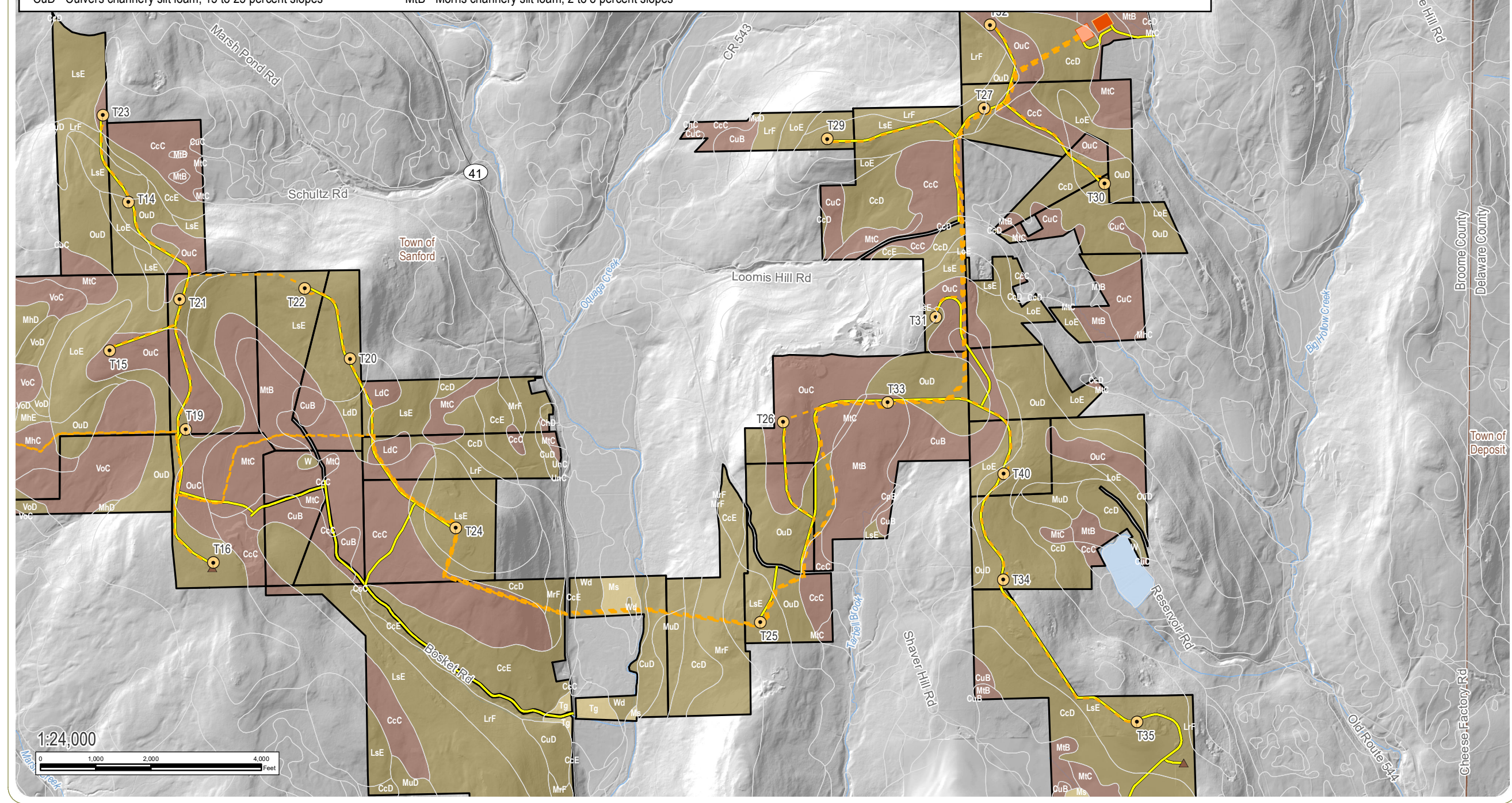
W - Water

Wd - Wayland soils complex, 0 to 3 percent slopes, frequently flooded

## Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

**Figure 21-2: Soil Types**  
Sheet 2 of 4



- Wind Turbine
- Met Tower
- Access Road
- Collection Line
- Collection Substation
- POI Substation
- Facility Site
- Soil Unit Boundary
- Soil Farmland Classification:
  - All areas are prime farmland
  - Farmland of statewide importance
  - Not prime farmland
- Town Boundary
- County Boundary



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CcE - Cattaraugus channery silt loam, 25 to 35 percent slopes

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ChD - Chenango and Howard gravelly loams, 15 to 25 percent slopes

CpB - Chippewa channery silt loam, 3 to 8 percent slopes

CuB - Culvers channery silt loam, 2 to 8 percent slopes

CuC - Culvers channery silt loam, 8 to 15 percent slopes

CuD - Culvers channery silt loam, 15 to 25 percent slopes

Cw - Cut and fill lands, loamy materials

LdC - Lordstown channery silt loam, 5 to 15 percent slopes

LdD - Lordstown channery silt loam, 15 to 25 percent slopes

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MhE - Mardin channery silt loam, 25 to 35 percent slopes

MrF - Mardin and Cattaraugus soils, 35 to 60 percent slopes

Ms - Middlebury silt loam

MtB - Morris channery silt loam, 2 to 8 percent slopes

MtC - Morris channery silt loam, 8 to 15 percent slopes

MuD - Morris and Tuller very stony soils, 3 to 25 percent slopes

OuC - Oquaga channery silt loam, 5 to 15 percent slopes

OuD - Oquaga channery silt loam, 15 to 25 percent slopes

Ta - Tioga silt loam

Tg - Tioga gravelly silt loam, fan

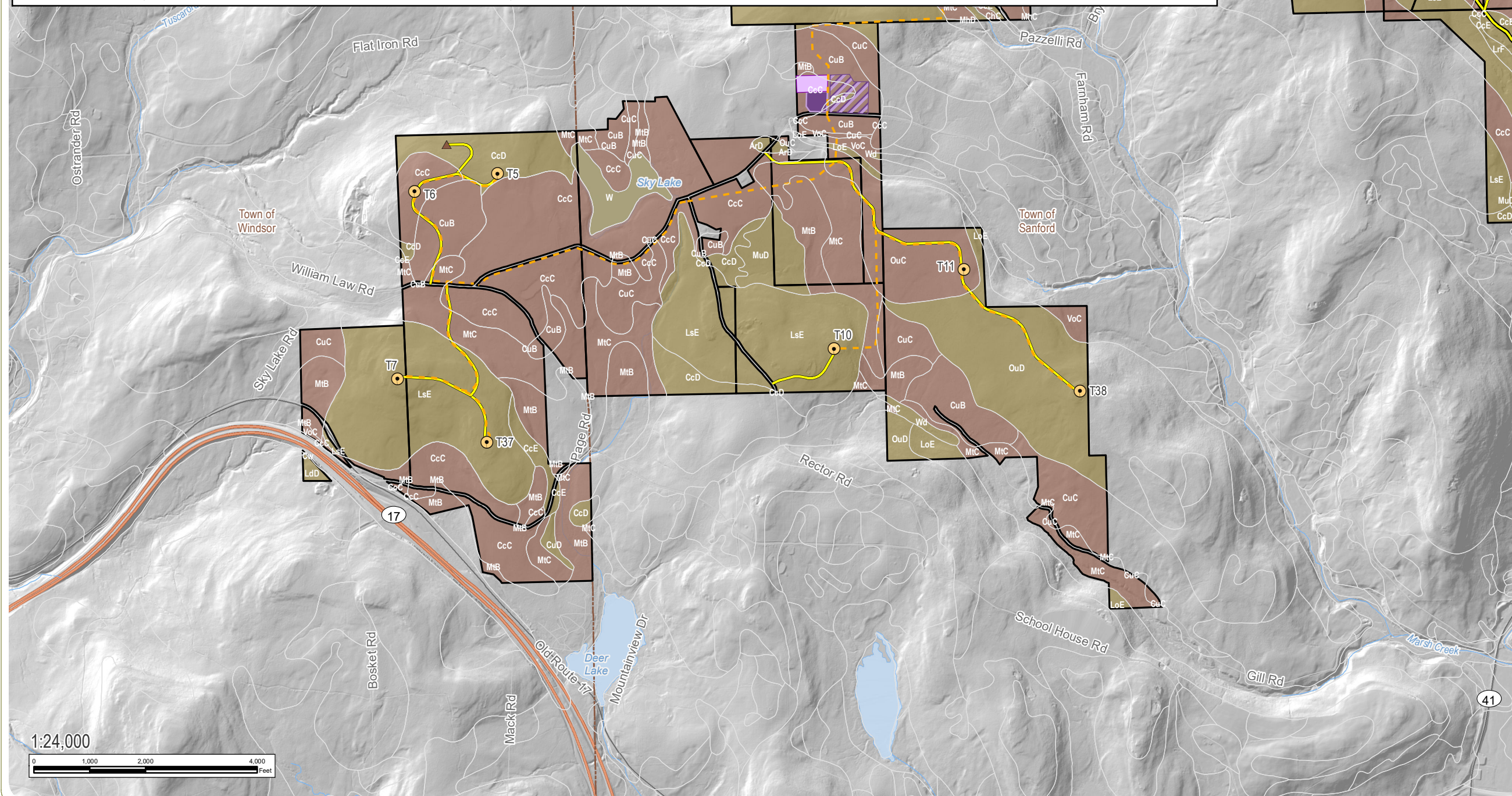
UnC - Unadilla silt loam, 5 to 15 percent slopes

VoC - Volusia channery silt loam, 8 to 15 percent slopes

VoD - Volusia channery silt loam, 15 to 25 percent slopes

W - Water

Wd - Wayland soils complex, 0 to 3 percent slopes, frequently flooded

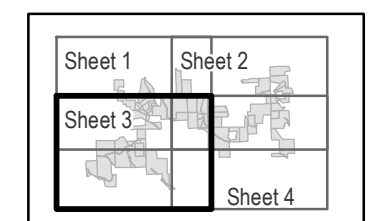


## Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

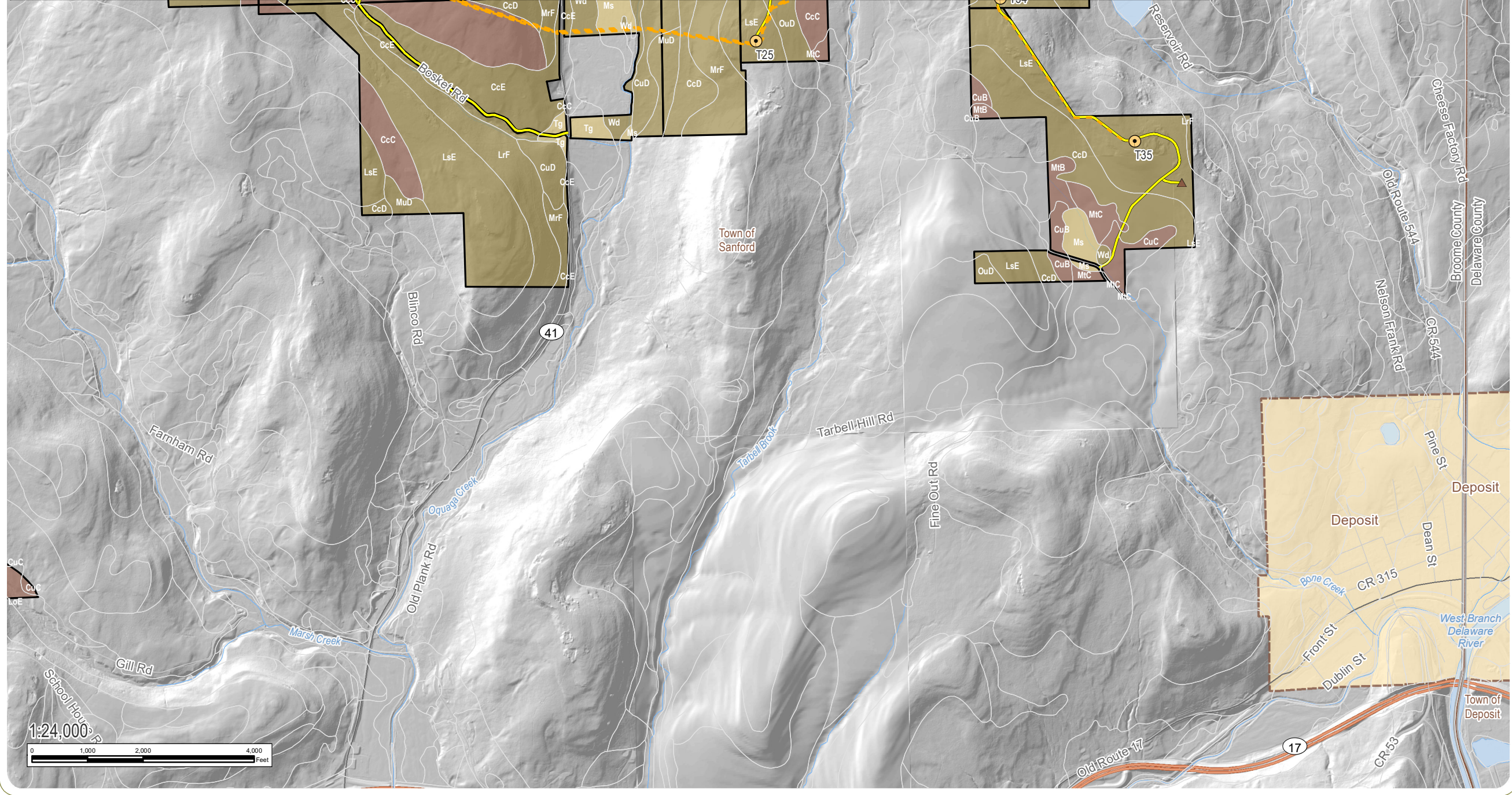
**Figure 21-2: Soil Types**  
Sheet 3 of 4

- Wind Turbine
  - Met Tower
  - Access Road
  - Collection Line
  - Batch Plant
  - Laydown Area
  - O&M Facility
  - Facility Site
  - Soil Unit Boundary
- Soil Farmland Classification:
- All areas are prime farmland
  - Farmland of statewide importance
  - Not prime farmland
  - Town Boundary
  - County Boundary



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Soil Type:		
AcA - Alden and Chippewa soils, 0 to 3 percent slopes	Cw - Cut and fill lands, loamy materials	MtC - Morris channery silt loam, 8 to 15 percent slopes
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ArD - Arnot channery silt loam, 0 to 25 percent slopes	LdD - Lordstown channery silt loam, 15 to 25 percent slopes	OuC - Oquaga channery silt loam, 5 to 15 percent slopes
CcC - Cattaraugus channery silt loam, 5 to 15 percent slopes	LoE - Lordstown and Oquaga channery silt loams, 25 to 35 percent slopes	OuD - Oquaga channery silt loam, 15 to 25 percent slopes
CcD - Cattaraugus channery silt loam, 15 to 25 percent slopes	LrF - Lordstown and Oquaga soils, 35 to 60 percent slopes	Ta - Tioga silt loam
CcE - Cattaraugus channery silt loam, 25 to 35 percent slopes	LsE - Lordstown and Oquaga extremely stony and rocky soils, 0 to 35 percent slopes	Tg - Tioga gravelly silt loam, fan
ChC - Chenango and Howard gravelly loams, 5 to 15 percent slopes	MhC - Mardin channery silt loam, 8 to 15 percent slopes	UnC - Unadilla silt loam, 5 to 15 percent slopes
ChD - Chenango and Howard gravelly loams, 15 to 25 percent slopes	MhD - Mardin channery silt loam, 15 to 25 percent slopes	VoC - Volusia channery silt loam, 8 to 15 percent slopes
CpB - Chippewa channery silt loam, 3 to 8 percent slopes	MhE - Mardin channery silt loam, 25 to 35 percent slopes	VoD - Volusia channery silt loam, 15 to 25 percent slopes
CuB - Culvers channery silt loam, 2 to 8 percent slopes	MrF - Mardin and Cattaraugus soils, 35 to 60 percent slopes	W - Water
CuC - Culvers channery silt loam, 8 to 15 percent slopes	Ms - Middlebury silt loam	Wd - Wayland soils complex, 0 to 3 percent slopes, frequently flooded
CuD - Culvers channery silt loam, 15 to 25 percent slopes	MtB - Morris channery silt loam, 2 to 8 percent slopes	

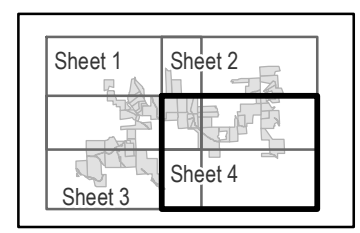


## Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

**Figure 21-2: Soil Types**  
Sheet 4 of 4

- Wind Turbine
- Met Tower
- Access Road
- Collection Line
- Facility Site
- Soil Unit Boundary
- Soil Farmland Classification:
  - All areas are prime farmland
  - Farmland of statewide importance
  - Not prime farmland
- Village
- Town Boundary
- County Boundary



**Notes:** 1. Basemap: Hillshade derived from 10-meter resolution USGS DEM data; ESRI Street Map North America, 2008. 2. This map was generated in ArcMap on September 17, 2018. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data. 4. Soil type classifications listed on Sheet 1.