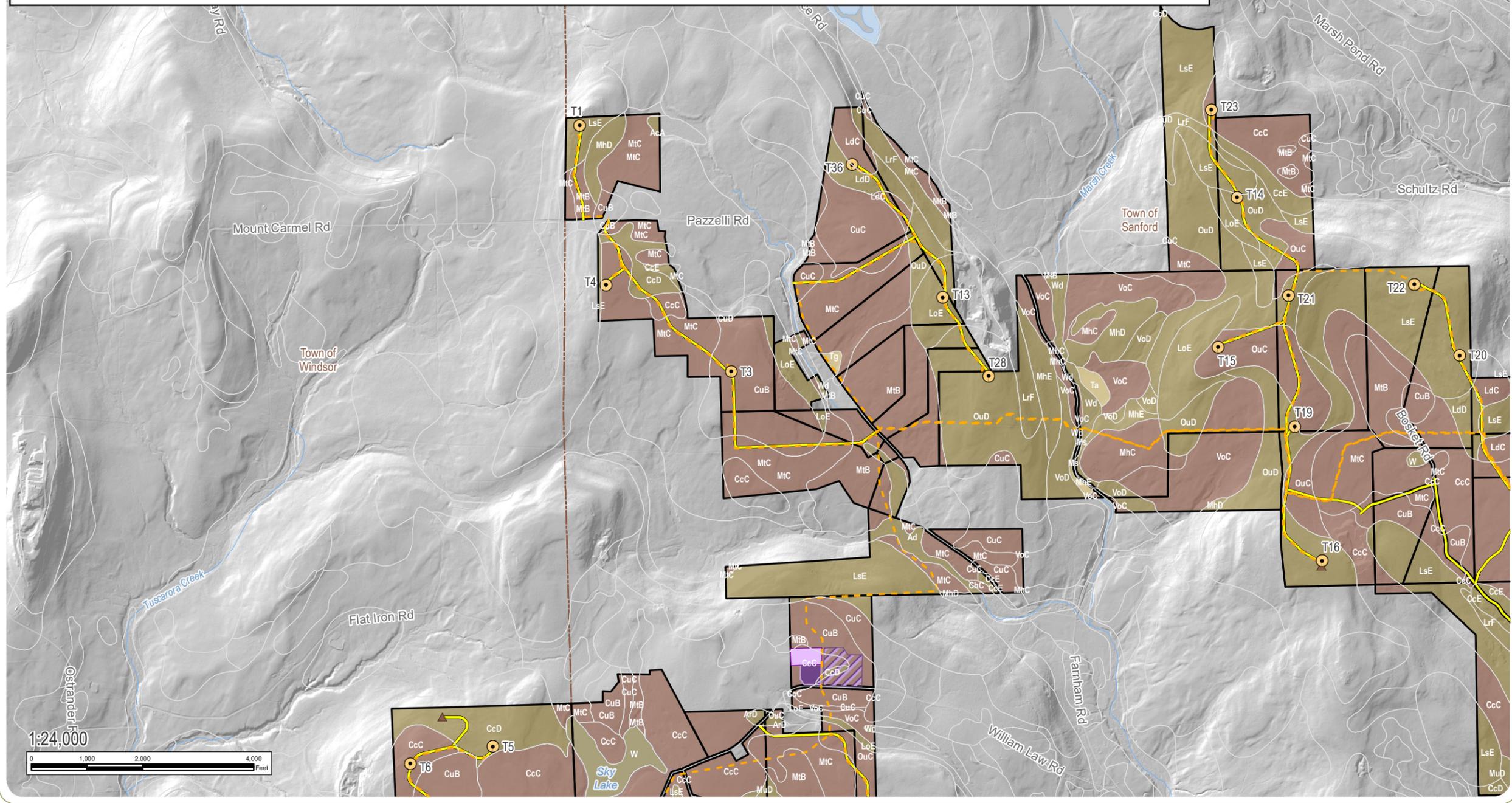


**Soil Type:**  
 AcA - Alden and Chippewa soils, 0 to 3 percent slopes  
 Ad - Alluvial land  
 ArD - Arnot channery silt loam, 0 to 25 percent slopes  
 CcC - Cattaraugus channery silt loam, 5 to 15 percent slopes  
 CcD - Cattaraugus channery silt loam, 15 to 25 percent slopes  
 CcE - Cattaraugus 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

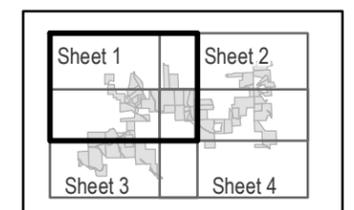


## Bluestone Wind Project

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.



**Soil Type:**  
 AcA - Alden and Chippewa soils, 0 to 3 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

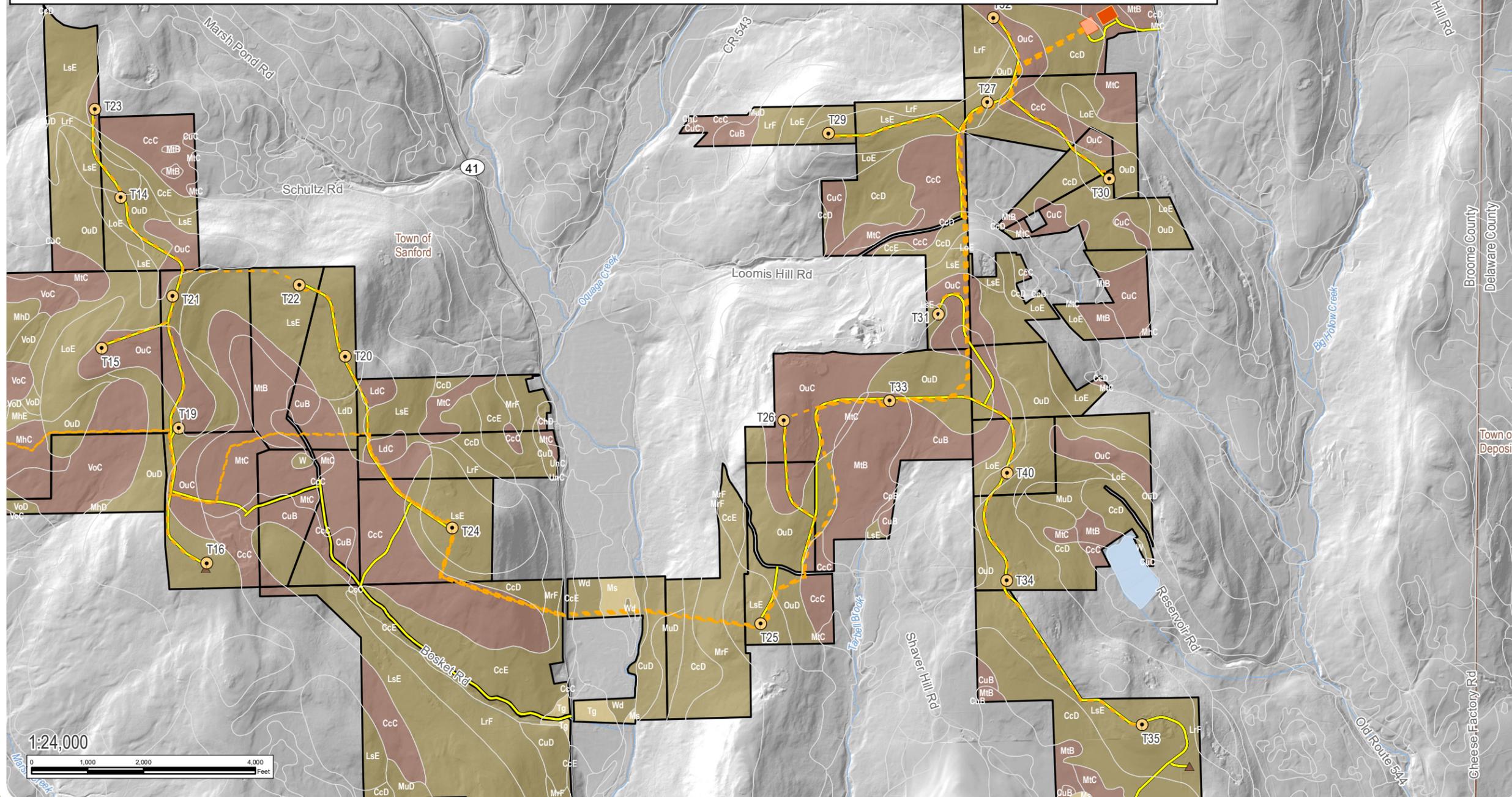
Cw - Cut and fill lands, loamy materials  
 LdC - Lordstown channery silt loam, 5 to 15 percent slopes  
 LdD - Lordstown channery silt loam, 15 to 25 percent slopes  
 LoE - Lordstown and Oquaga channery silt loams, 25 to 35 percent slopes  
 LrF - Lordstown and Oquaga soils, 35 to 60 percent slopes  
 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

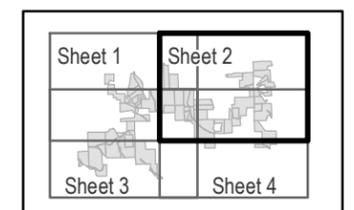
## Bluestone Wind Project

Towns of Sanford and Windsor, Broome County, New York

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



**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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 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  
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 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  
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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

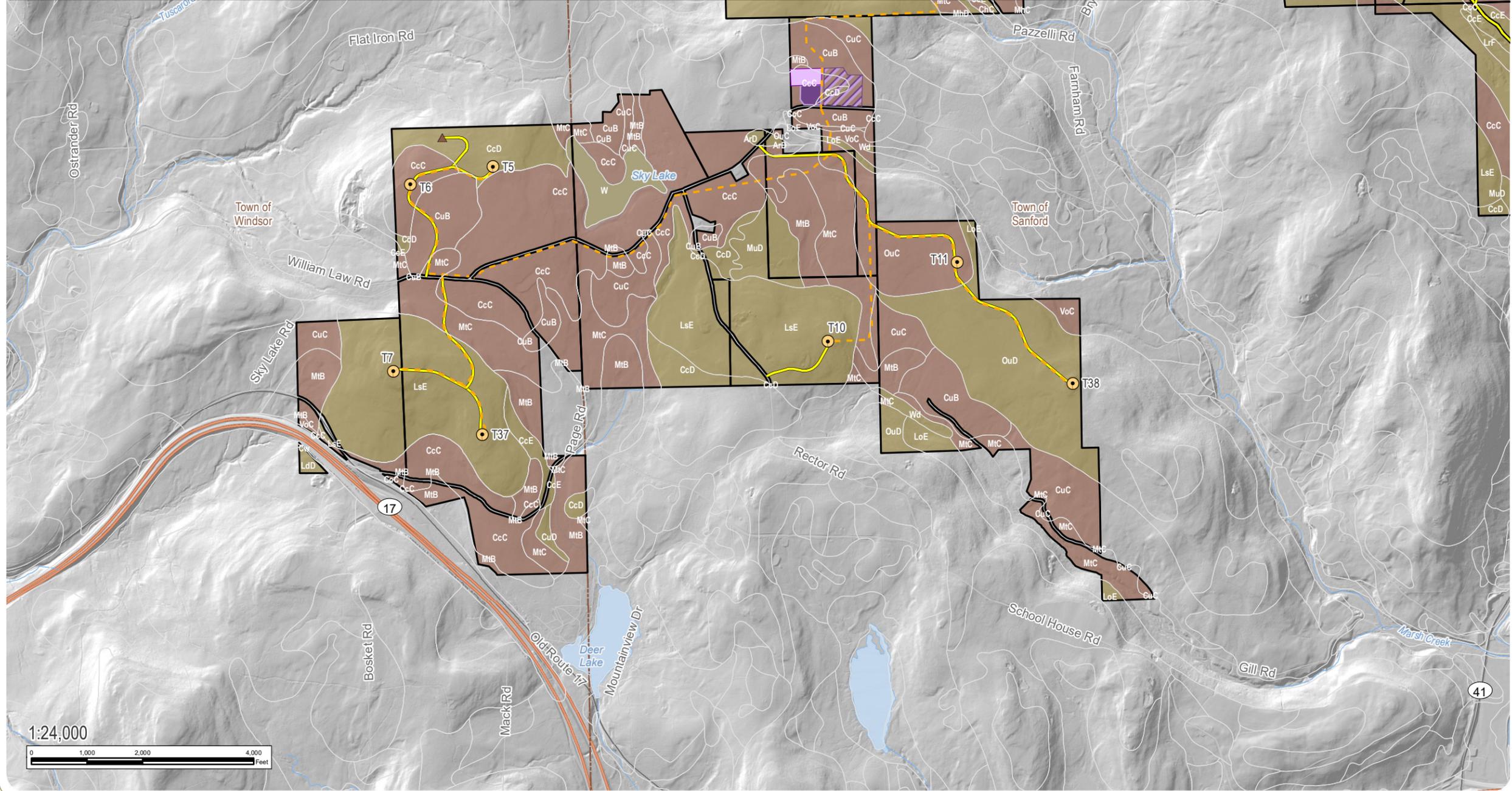
Towns of Sanford and Windsor, Broome County, New York

**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
- Other Symbols:**
- Town Boundary
  - County Boundary



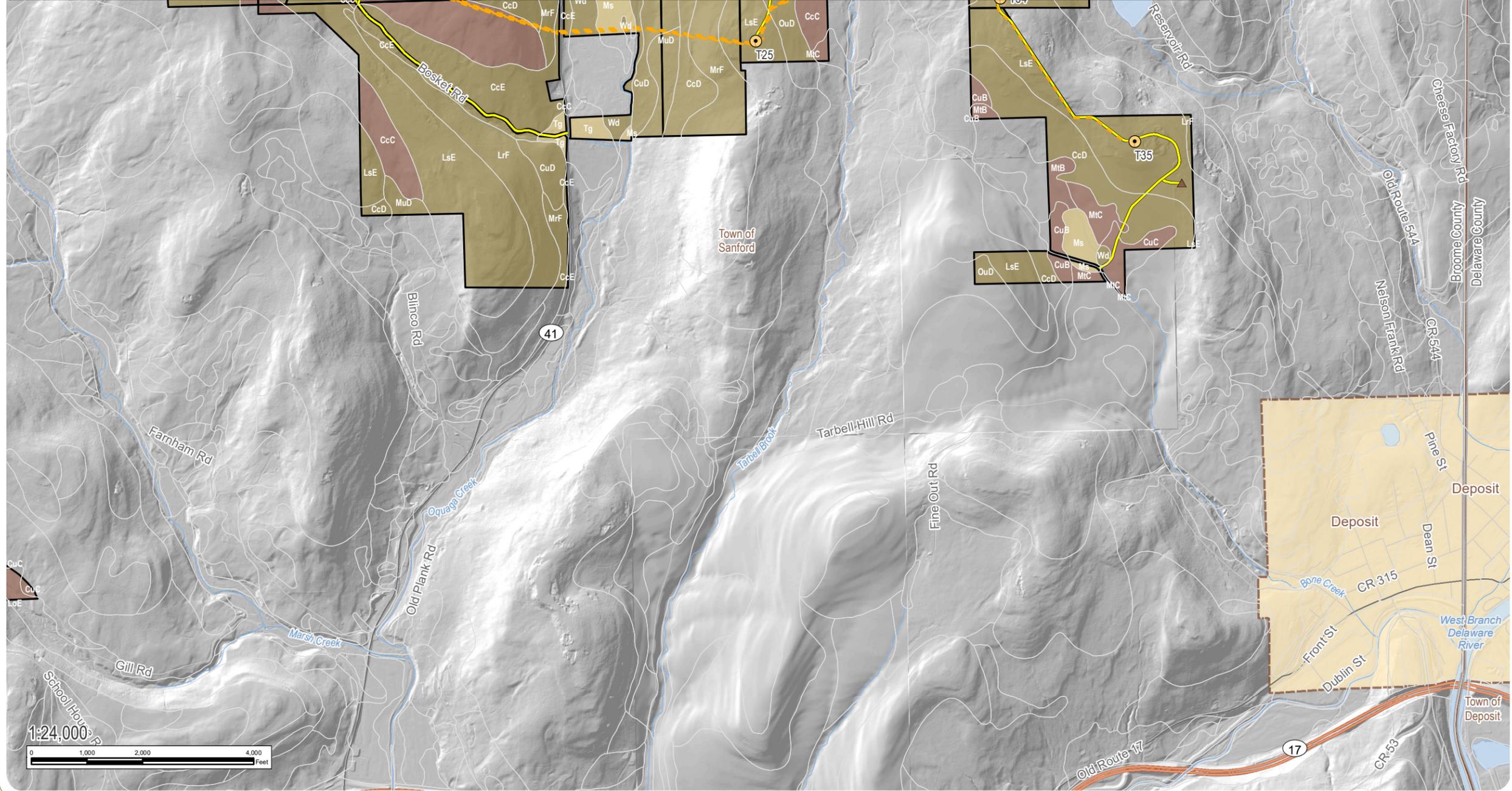
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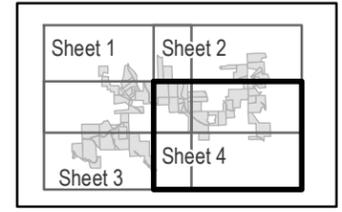


## Bluestone Wind Project

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.

