

*Viewshed Analysis*  
**Proposed T-Mobile Wireless**  
**Telecommunications Facility**  
**CTNH808A**  
**15 Orchard Park Road**  
**Madison, Connecticut**

**NOTE:**

- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed Facility height is 100 feet.
- Existing tree canopy height estimated at 60 feet.
- Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

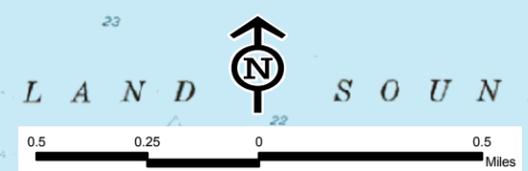
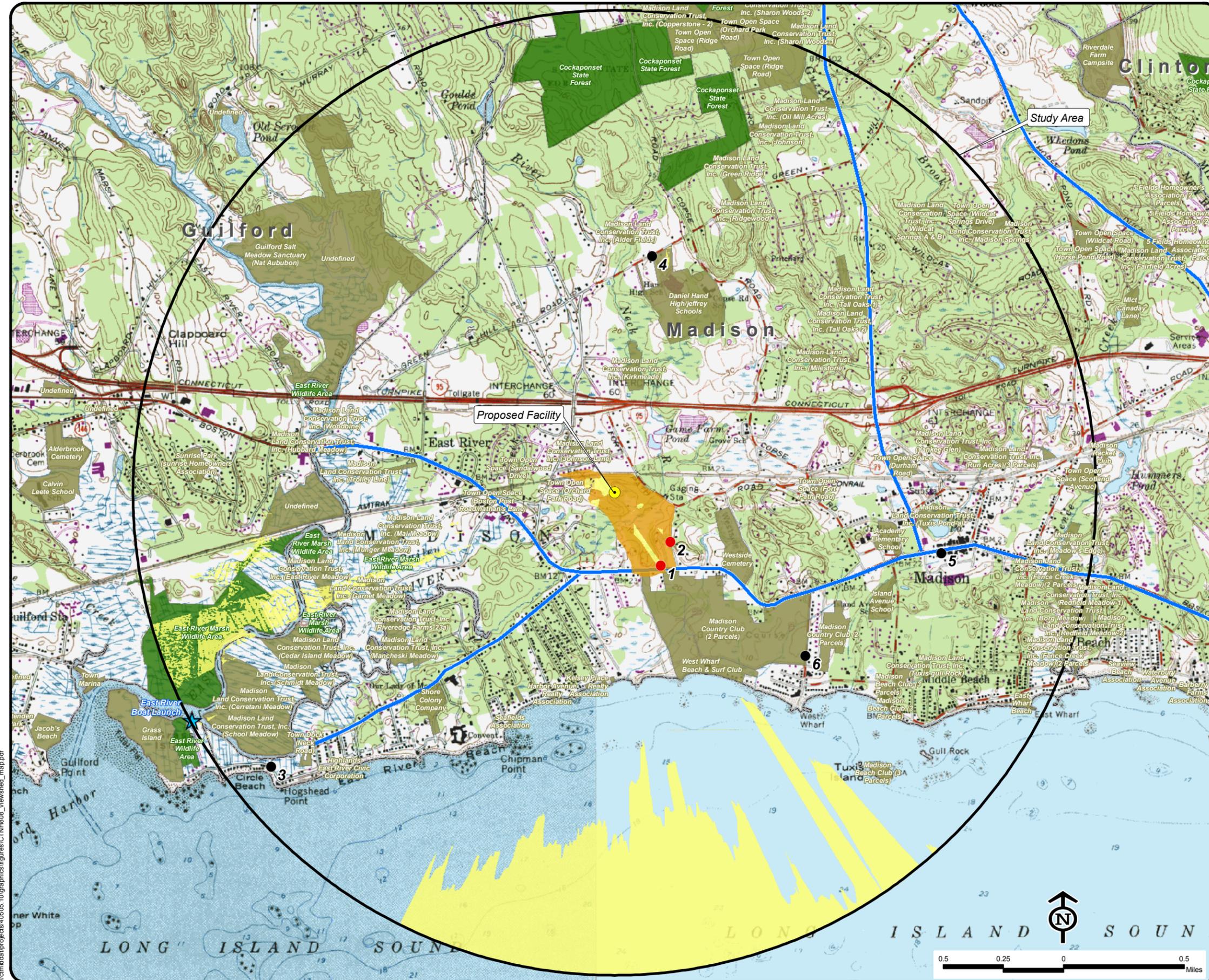
**DATA SOURCES:**

- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2006 digital orthophotos with 1-foot pixel resolution; digitized by VHB, 2009
- Base map comprised of Guilford (1984) and Clinton (1984) USGS Quadrangle Maps
- Protected municipal and private open space properties and federal protected properties and data layers provided by CT DEP, 1997
- Protected CT DEP properties data layer provided by CTDEP, May 2007
- CT DEP boat launches data layer provided by CT DEP, 1994
- Scenic Roads layer derived from available State and Local listings.

Map Compiled July, 2009

**Legend**

- Tower Location
  - CT DEP Protected Properties (2007)
    - State Forest
    - State Park
    - DEP Owned Waterbody
    - State Park Scenic Reserve
    - Historic Preserve
    - Natural Area Preserve
    - Fish Hatchery
    - Flood Control
    - Other
    - State Park Trail
    - Water Access
    - Wildlife Area
    - Wildlife Sanctuary
  - Federal Protected Properties (1997)
  - CT DEP Boat Launches (1994)
  - Scenic Road (State and Local)
  - Town Line
- Photographs - July 7, 2009
- Balloon is not visible
  - Balloon visible above trees
- Seasonal Visibility (Approximately 59 acres)
  - Year-Round Visibility (Approximately 712 acres)
- Protected Municipal and Private Open Space Properties (1997)
  - Cemetery
  - Preservation
  - Conservation
  - Existing Preserved Open Space
  - Recreation
  - General Recreation
  - School
  - Uncategorized



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