

*Preliminary Viewshed Analysis
Proposed SBA Towers II LLC
Telecommunications Facility
Old Lyme
Cross Road
Old Lyme, Connecticut*

NOTE:

- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed Facility height is 180 feet.
- Existing tree canopy height estimated at 50 feet.
- Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

DATA SOURCES:

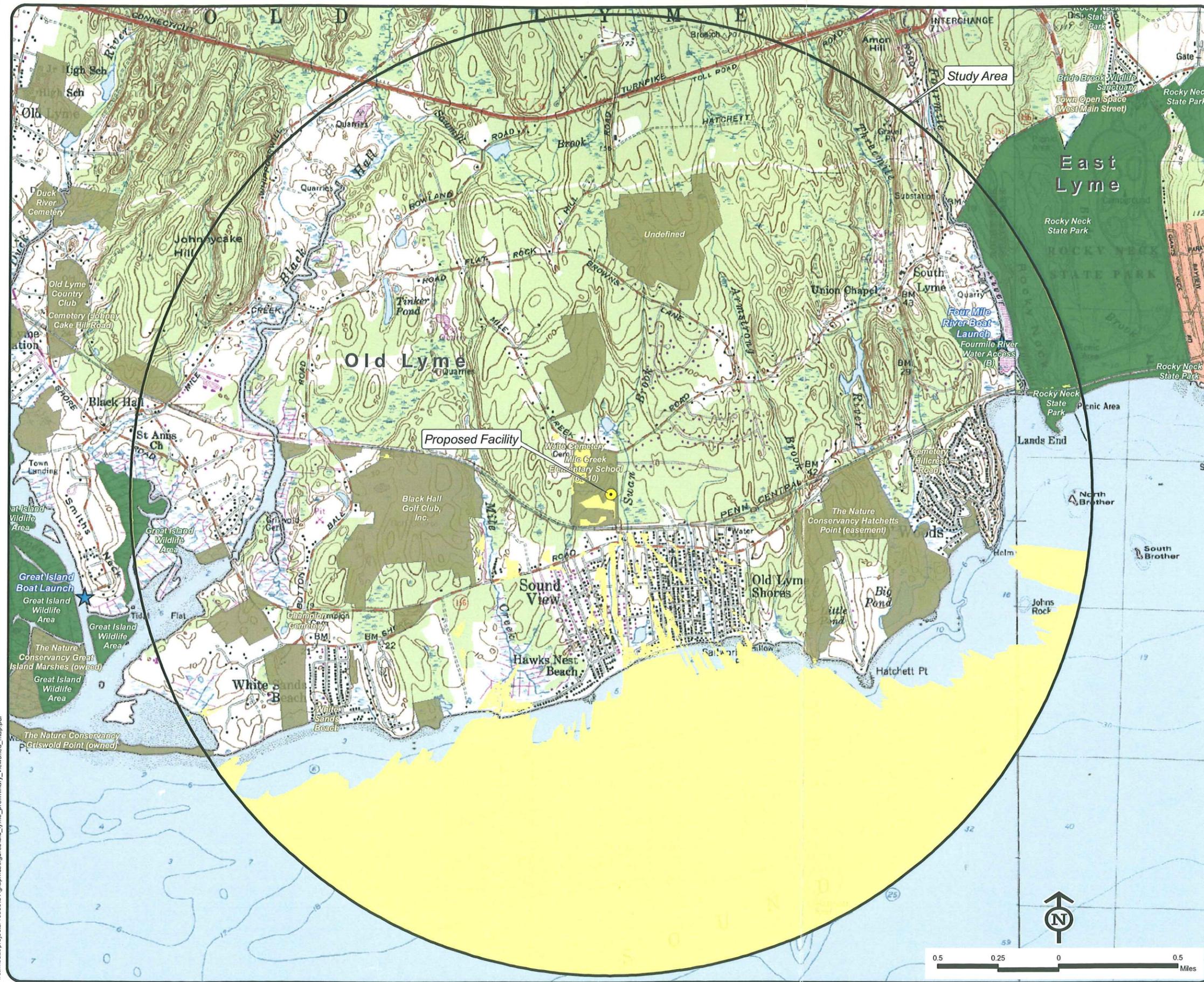
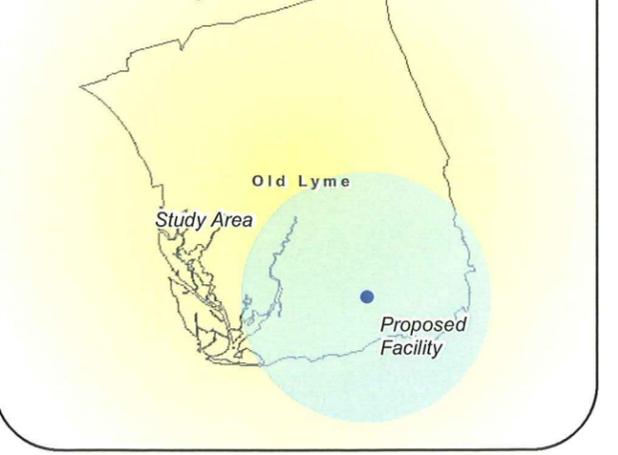
- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2006 digital orthophotos with 1-foot pixel resolution; digitized by VHB, 2009
- Base map comprised of Niantic (1983) and Old Lyme (1970) 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 November, 2009

Legend

-  Proposed Site Location
-  Year-Round Visibility (Approximately 1,933 acres)
-  Protected Municipal and Private Open Space Properties (1997)
-  Cemetery
-  Preservation
-  Conservation
-  Existing Preserved Open Space
-  Recreation
-  General Recreation
-  School
-  Uncategorized
-  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

**Inset Map
Town of Old Lyme**



/amdata/projects/40999_31/graphics/figures/old_lyme_preliminary_viewshed_map.pdf