

































Revised Viewshed Analysis
Proposed AT&T
Wireless Telecommunications Facility
& Barnes Road
Canaan, Connecticut

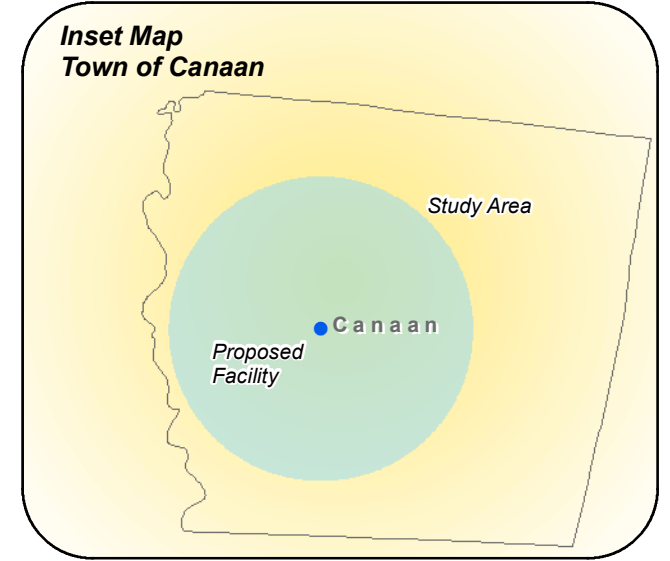
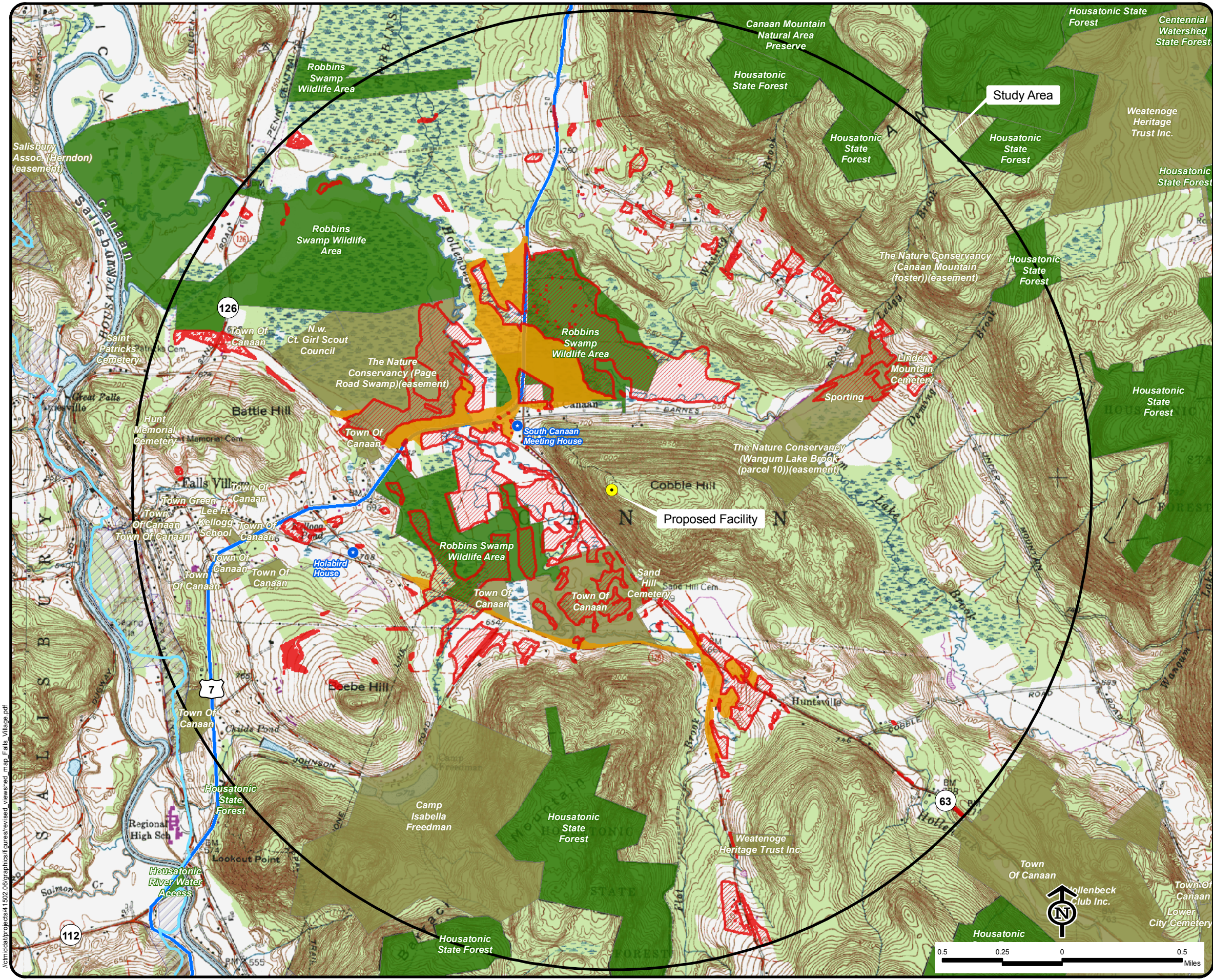
NOTE:
 - Viewshed analysis conducted using ESRI's Spatial Analyst.
 - Facility height is 150 feet AGL.
 - Existing tree canopy height estimated at 65 feet.
 - Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

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 2008 digital orthophotos with 1-meter pixel resolution; digitized by VHB, 2010
 - Base map comprised of Sharon and South Canaan (1969) USGS Quadrangle Maps
 - Municipal and Private Open Space data layer provided by CT DEP, 1997
 - Federal Open Space data layer provided by CT DEP, 2004
 - CT DEP Property data layer provided by CT DEP, April 2010
 - CT DEP boat launches data layer provided by CT DEP, Dec 2009
 - Scenic Roads layer derived from available State and Local listings

Map Compiled December, 2010

Legend

-  Proposed Tower Location
-  CT DEP Property (CT DEP, May 2010)
-  Seasonal/"Leaf-Off" Visibility (Approximately 165 acres)
-  Year-Round Visibility At 150' AGL (Approximately 513 acres)
-  Protected Municipal and Private Open Space (CT DEP, 1997)
-  Federal Open Space (CT DEP, 2004)
-  National Register of Historic Places
-  Boat Launches (CT DEP, Dec 2009)
-  Scenic Road (State and Local)
-  Appalachian Trail
-  Town Line
-  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
-  Cemetery
-  Preservation
-  Conservation
-  Existing Preserved Open Space
-  Recreation
-  General Recreation
-  School
-  Uncategorized



/c:\mtd\projects\41502_06\graphics\figures\revised_viewshed_map_falls_village.pdf