

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE: :  
 :  
APPLICATION OF HOMELAND TOWERS : DOCKET NO. 507  
LLC AND CELLCO PARTNERSHIP D/B/A :  
VERIZON WIRELESS FOR A CERTIFICATE :  
OF ENVIRONMENTAL COMPATIBILITY :  
AND PUBLIC NEED FOR THE :  
CONSTRUCTION, MAINTENANCE AND :  
OPERATION OF A WIRELESS :  
TELECOMMUNICATIONS FACILITY AT :  
222 CLINTONVILLE ROAD, NORTH :  
BRANFORD, CONNECTICUT : MARCH 24, 2022

LATE FILE EXHIBITS

During the March 15, 2022 hearing on Docket No. 507, the Connecticut Siting Council (“Council”) requested that Homeland Towers LLC and Cellco Partnership d/b/a Verizon Wireless (“Cellco”) (collectively the “Applicant”) provide the Council with additional information in the form of Late File Exhibits (“LFEs”) as described below.

LFE No. 1

In response to Mr. Morrisette’s request, attached is a revised “Existing and Proposed Verizon Wireless 1900 MHz Coverage” plot for the proposed Northford 2 Facility. At the hearing, RF Engineer Ziad Cheiban, explained that the “Existing and Proposed 1900 MHz Coverage” plot included behind Tab 6 of the Application showed that Cellco’s existing Northford Facility was currently providing service at 1900 MHz which, at the time of the hearing, was not the case. The corrected plot attached shows existing and proposed 1900 MHz service from Cellco’s existing North Haven, North Haven 2 and Wallingford cell sites together with 1900 MHz service form the “proposed” Northford 2 Facility.

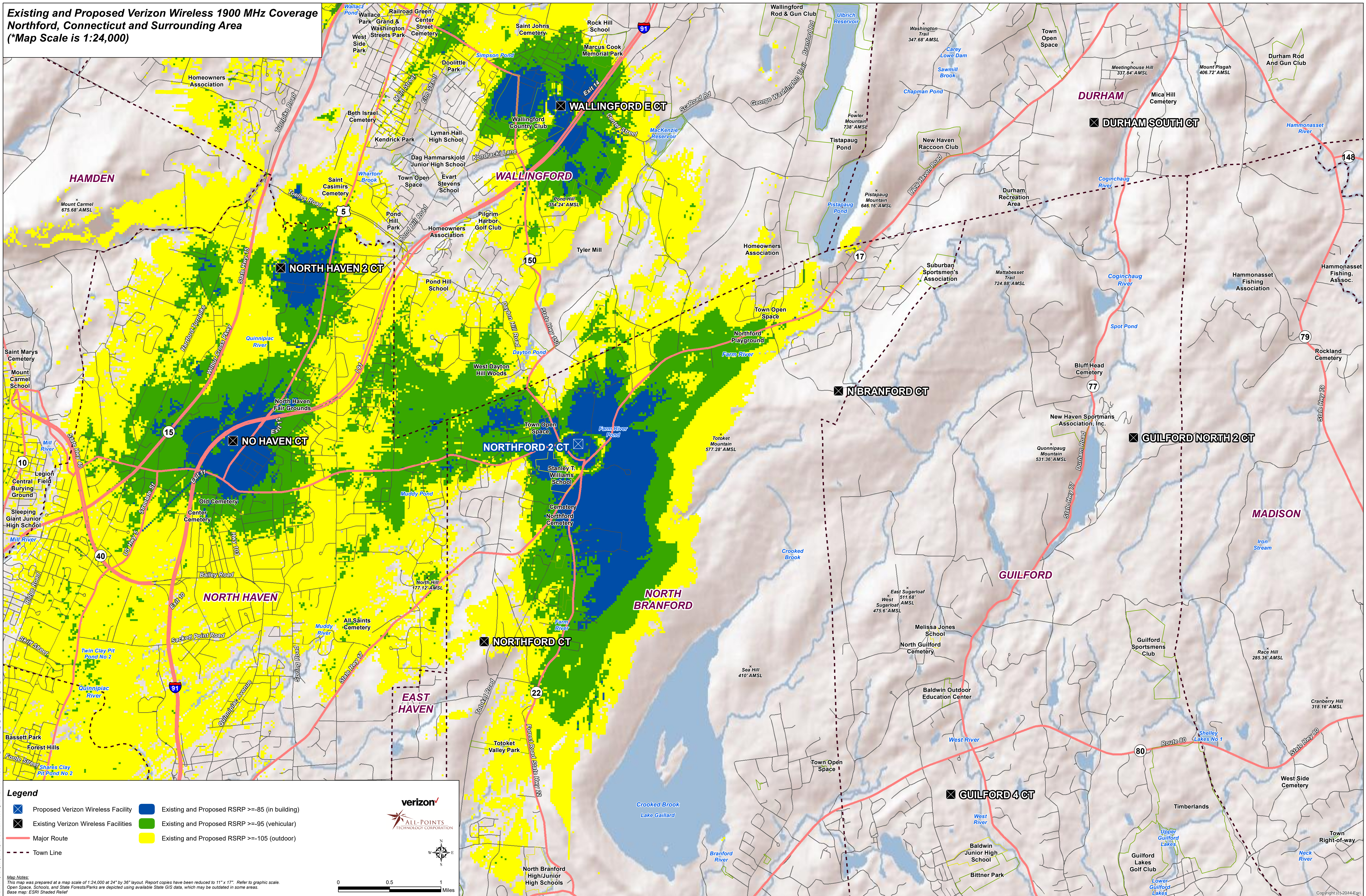
LFE No. 2

During his cross-examination, Mr. Lynch asked the Applicant questions regarding tower design standards, the repair time for fiber back-haul and the storage capacity of Cellco's back-up batteries. The Applicant offers the following additional responses to Mr. Lynch's questions.

- The tower will be designed to the TIA-222-H Structural Standards for Steel Antenna Towers and Antenna Supporting Structures. These standards require that the tower, the antennas and the antenna-mounts all be designed to withstand an Ultimate Wind Speed of 120 MPH.
- Cellco's fiber back-haul providers are required to have maintenance personnel "on-site" within four (4) hours of being notified of an outage. The time needed to make the necessary repairs is difficult to estimate and often depends on nature of the outage, including the providers ability to access the fiber line after storm events.
- There has been a recent change related to Cellco's battery storage capacity at cell sites. In cases where a backup generator would be installed, Cellco's battery capacity will be limited to one (1) hour. Where a generator is not installed, the backup battery system maintains a capacity of eight (8) hours.



**Existing and Proposed Verizon Wireless 1900 MHz Coverage**  
**Northford, Connecticut and Surrounding Area**  
 (\*Map Scale is 1:24,000)



**Legend**

- Proposed Verizon Wireless Facility
- Existing and Proposed RSRP  $\geq$  -85 (in building)
- Existing Verizon Wireless Facilities
- Existing and Proposed RSRP  $\geq$  -95 (vehicular)
- Major Route
- Existing and Proposed RSRP  $\geq$  -105 (outdoor)
- Town Line

**Map Notes:**  
 This map was prepared at a map scale of 1:24,000 at 24" by 36" layout. Report copies have been reduced to 11" x 17". Refer to graphic scale.  
 Open Space, Schools, and State Forests/Parks are depicted using available State GIS data, which may be outdated in some areas.  
 Base map: ESRI Shaded Relief

**verizon**  
 ALL-POINTS  
 TECHNOLOGY CORPORATION

0 0.5 1 Miles