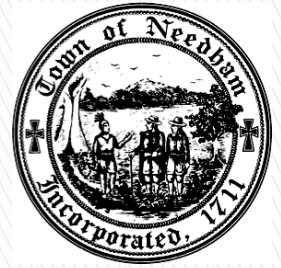




Public Safety Complex and Fire Station #2

Town of Needham
Community Communications Forum
Center at the Heights
Tuesday August 28, 2018
7PM

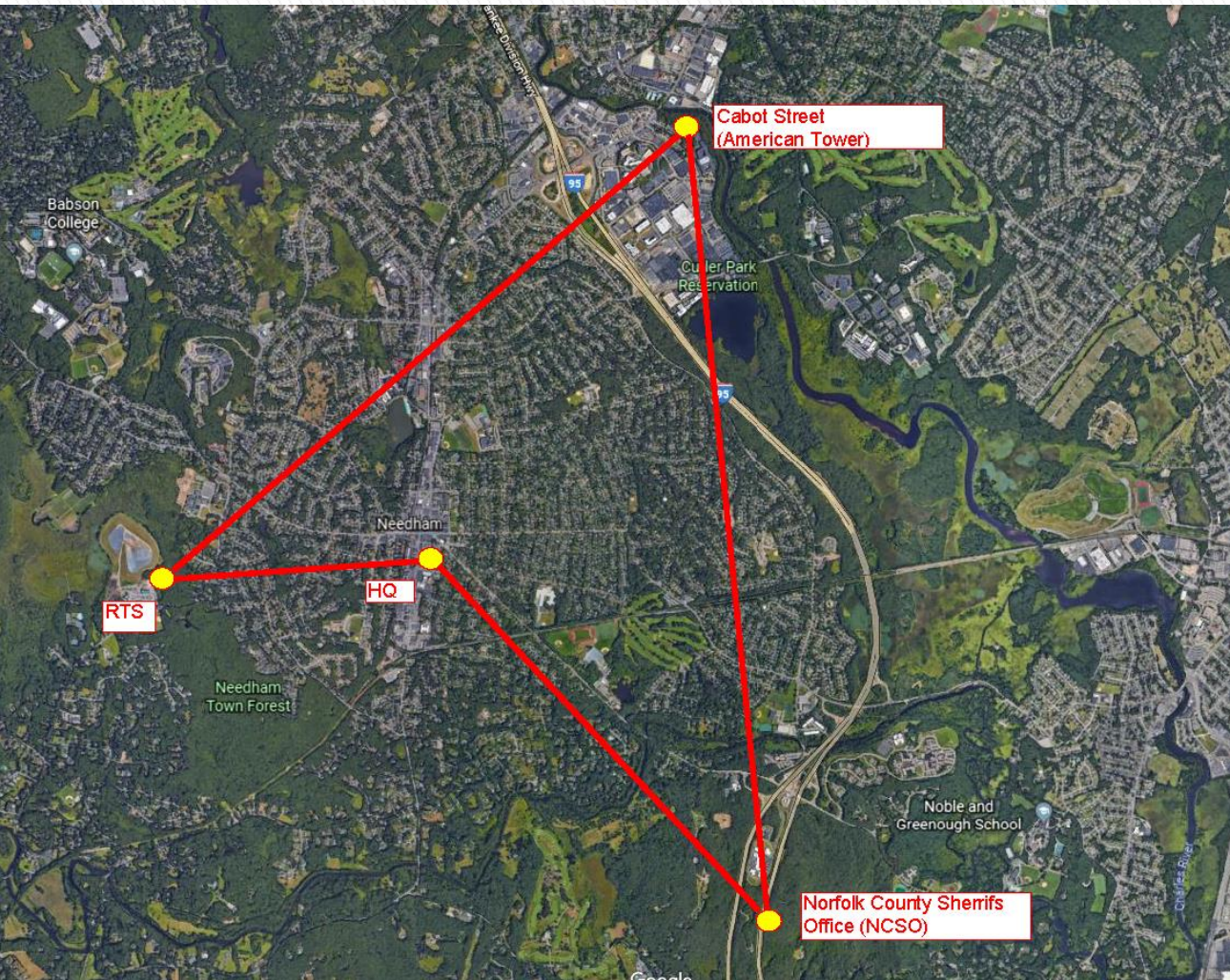
Public Safety Complex and Fire Station #2



Communications Network

- Replaces Verizon Copper Lines
- Four Locations to Provide Necessary Coverage
- Secure System Owned by Needham
- Improved Reliability
- Minimum Impact on Community

Public Safety Complex and Fire Station #2

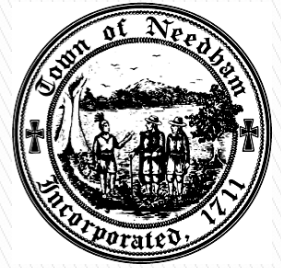


4 Tower Location Sites:

- Headquarters at Chestnut Street (HQ)
- Recycling Transfer Station (RTS)
- Cabot Street (American Tower-Existing)
- Norfolk County Sheriffs Office (NCSO)

Proposed Tower Locations

Public Safety Complex and Fire Station #2



Central HQ

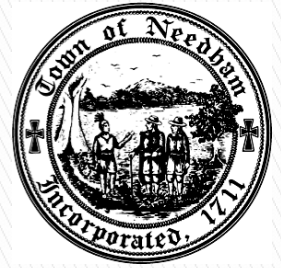
- 110 foot monopole replaces current 99 foot structure
- Connects central operations (Dispatch Center) to other locations
- 2 microwave antennas and 4 whip antennas

American Tower location

- Lease of space at 300 feet for microwave and whip antennas
- Located on existing tower at Cabot Circle
- 10 year lease

Public Safety Complex

At Chestnut Street



View from corner of Chestnut and School Streets

Public Safety Complex

At Chestnut Street



View from Chestnut Street

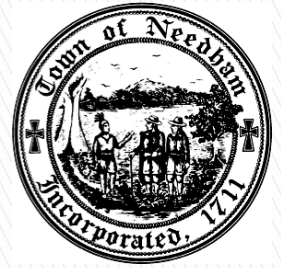
Public Safety Complex

At Chestnut Street



View from Lincoln Street

Public Safety Complex and Fire Station #2



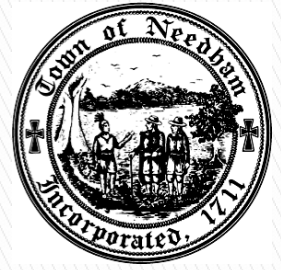
RTS

- 199 foot tower located in telecommunications overlay district
- 2 microwave and multiple whip antennas
- Cost savings by constructing it adjacent to DPW Central Avenue Storage Building

Dedham Location

- 199 foot tower located at Norfolk County Jail site
- Long term lease from MA-DOT
- Provides excellent coverage for southeast sector of town
- 2 microwave antennas and multiple whip antennas

Public Safety Complex and Fire Station #2



RTS

