

New Center Fire Station Study

May 14, 2014



- *Provide initial recommendation to Board of Selectmen whether a new satellite fire station should be constructed by a private developer in the Parker Village section of Town.*
- *Investigate feasibility of replacing Center Station at current location or on other Town owned or privately owned property.*
- *Determine if by combining both projects into a consolidated facility near Route 495, whether a three station coverage model would meet the Town's needs.*
- *Recommendations were presented to BOS at their July 9th, 2013 meeting, and to Special Town Meeting on October 21, 2013.*
- *Special Town Meeting did not support the recommendation to proceed with a Feasibility Study at Boston Road site.*
- *On March 22, 2014, Annual Town Meeting supported article to study location for new Center Fire Station, investigate feasibility of combining dispatch operations, and relocating Technology Department to new station.*



Active Fire Stations



Center Station No.1

Built 1974
Staffed full-time 1985



Rogers Station No.3

Built 2000
Staffed full-time 2008

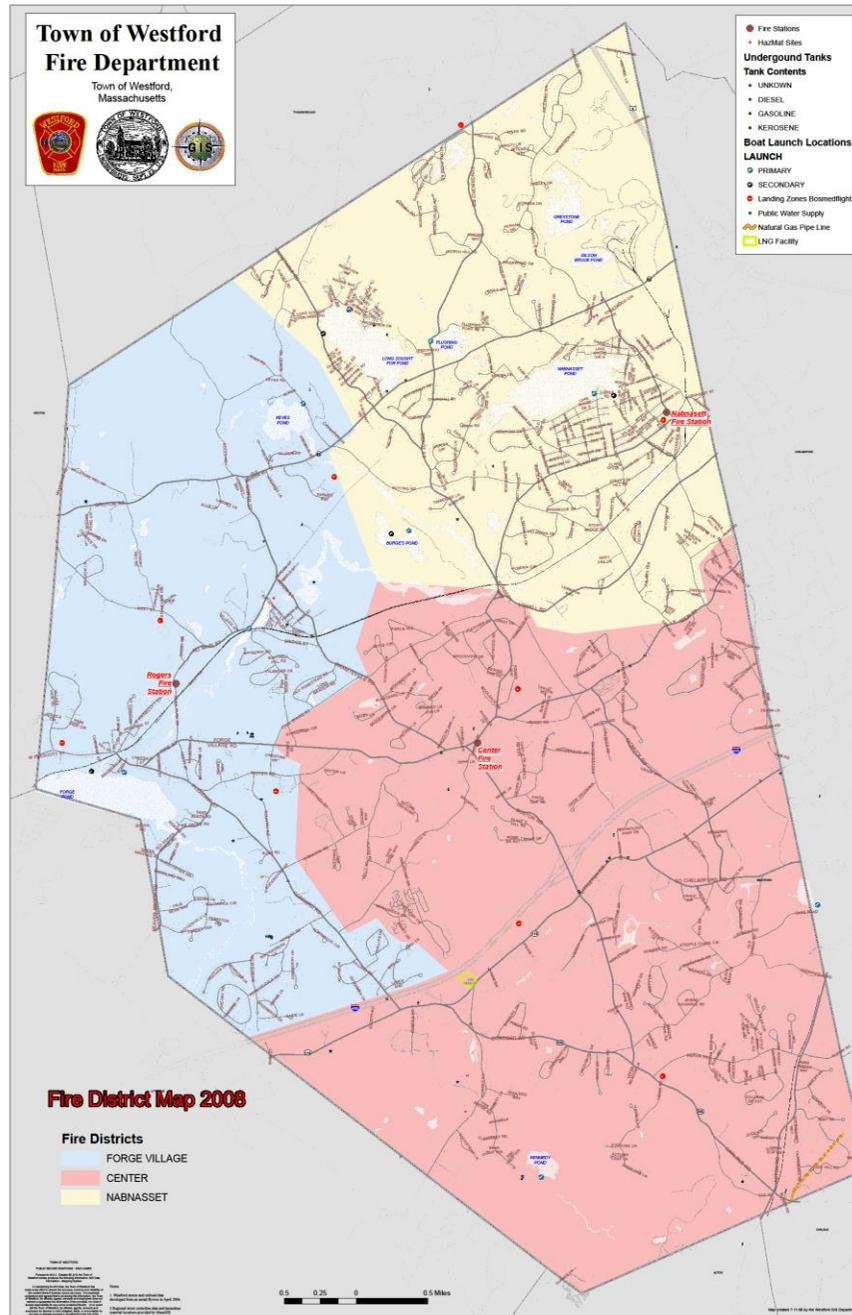


Nab Station No.4

Built 1963
Staffed full-time 2000

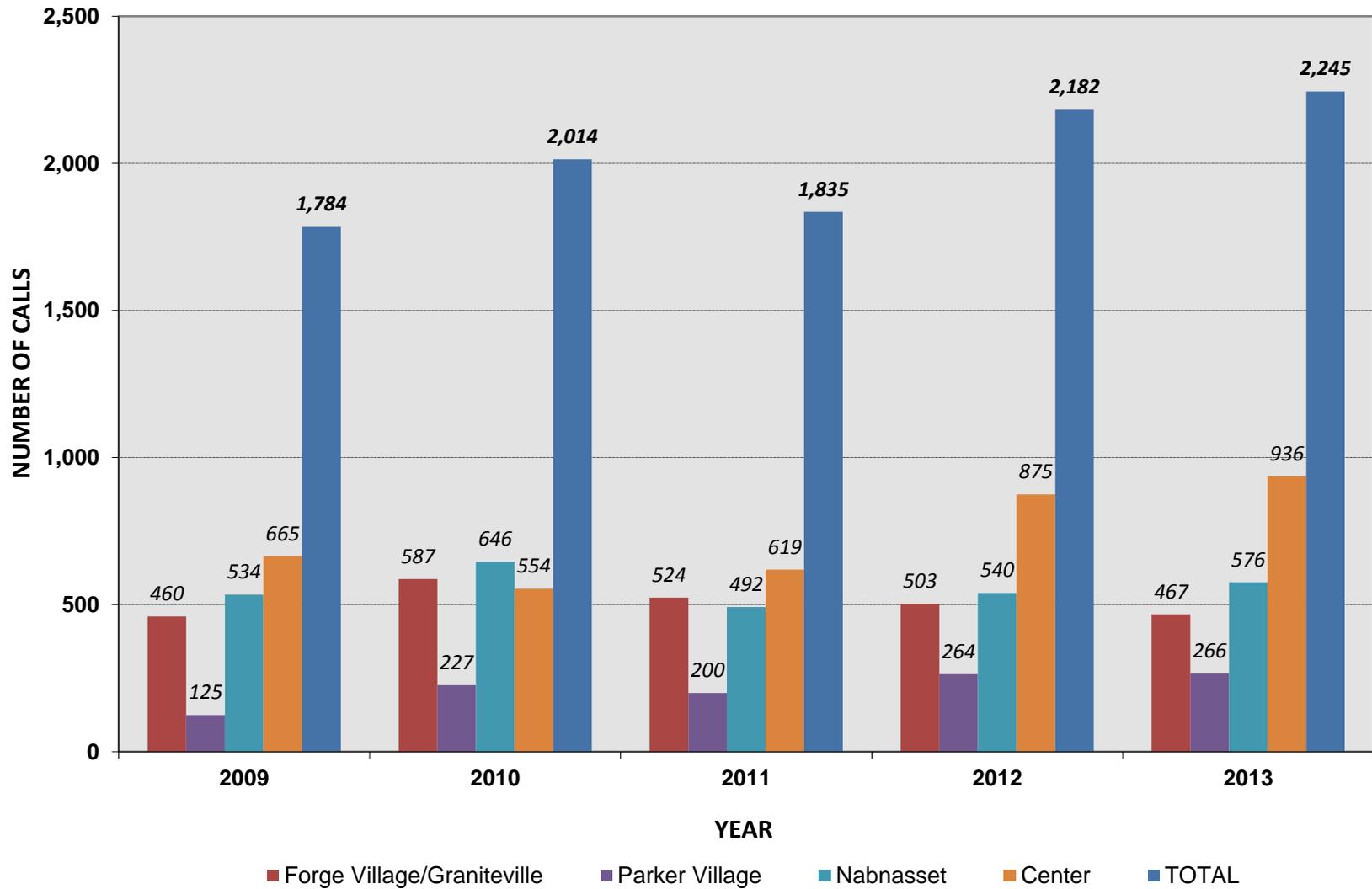


Current Fire Districts



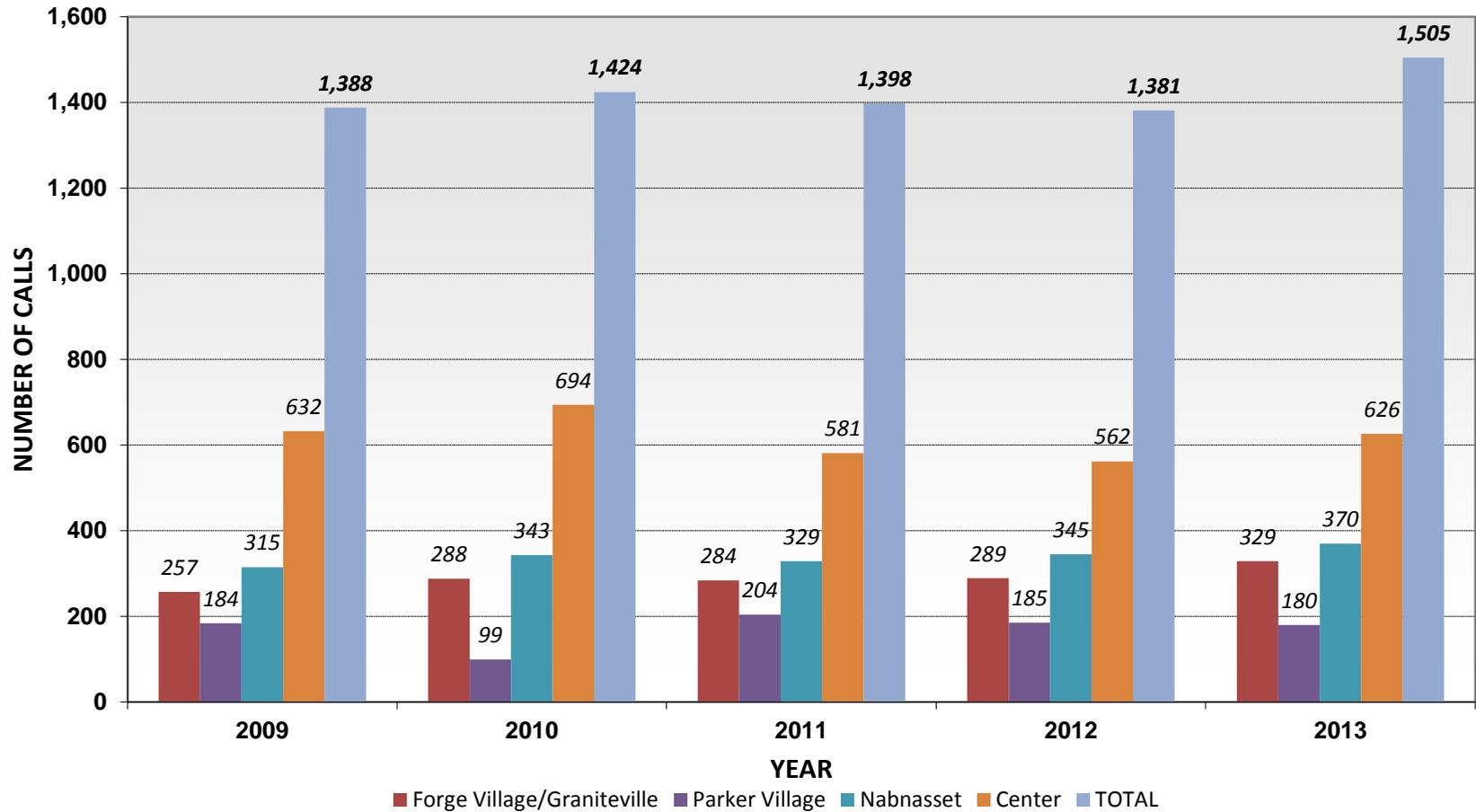
Fire Calls

Westford Fire Department Fire Calls 2009 - 2013



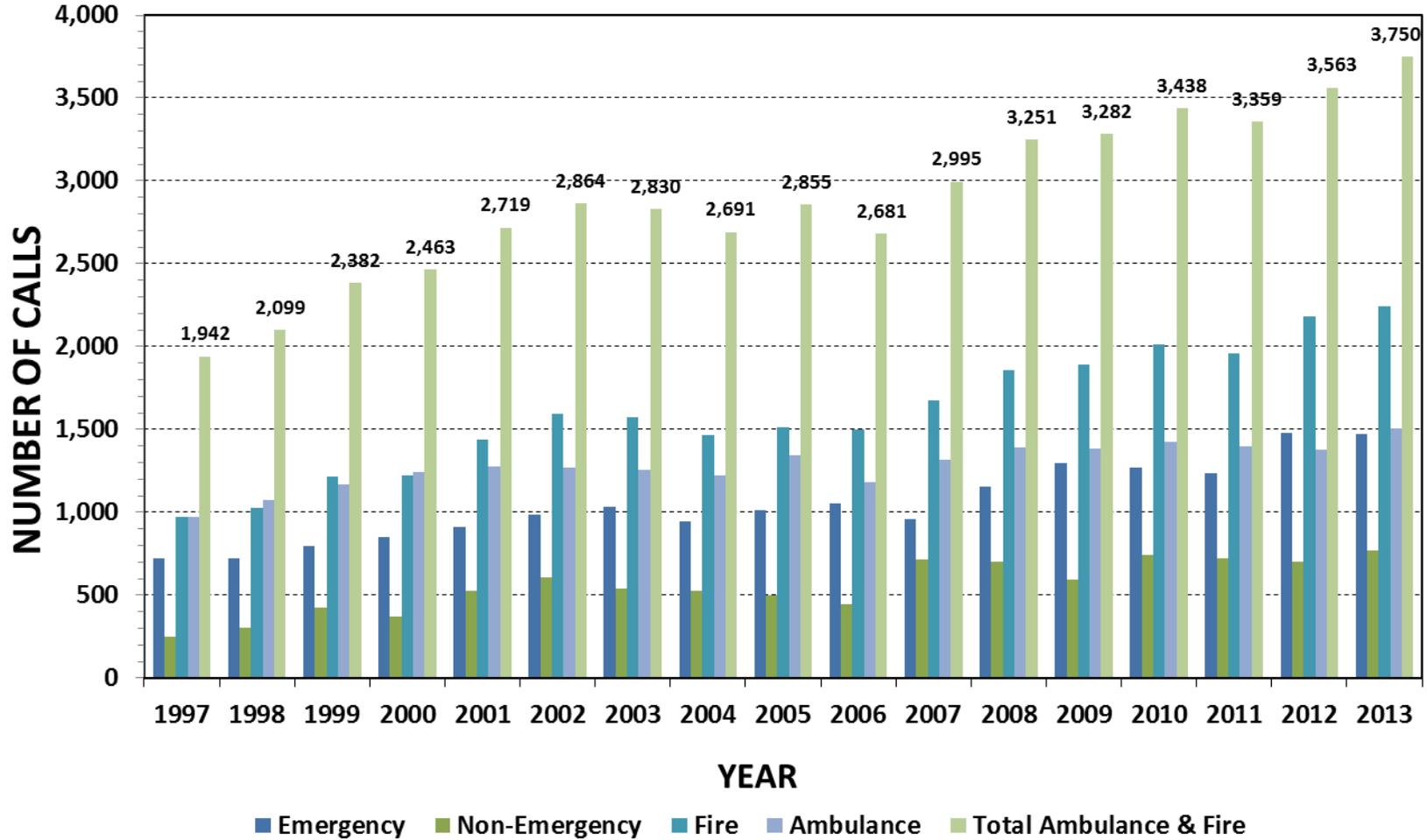
Ambulance Calls

Westford Fire Department Ambulance Calls 2009 - 2013



Fire and Ambulance Calls

Westford Fire Department Fire and Ambulance Call Totals 1997 - 2013

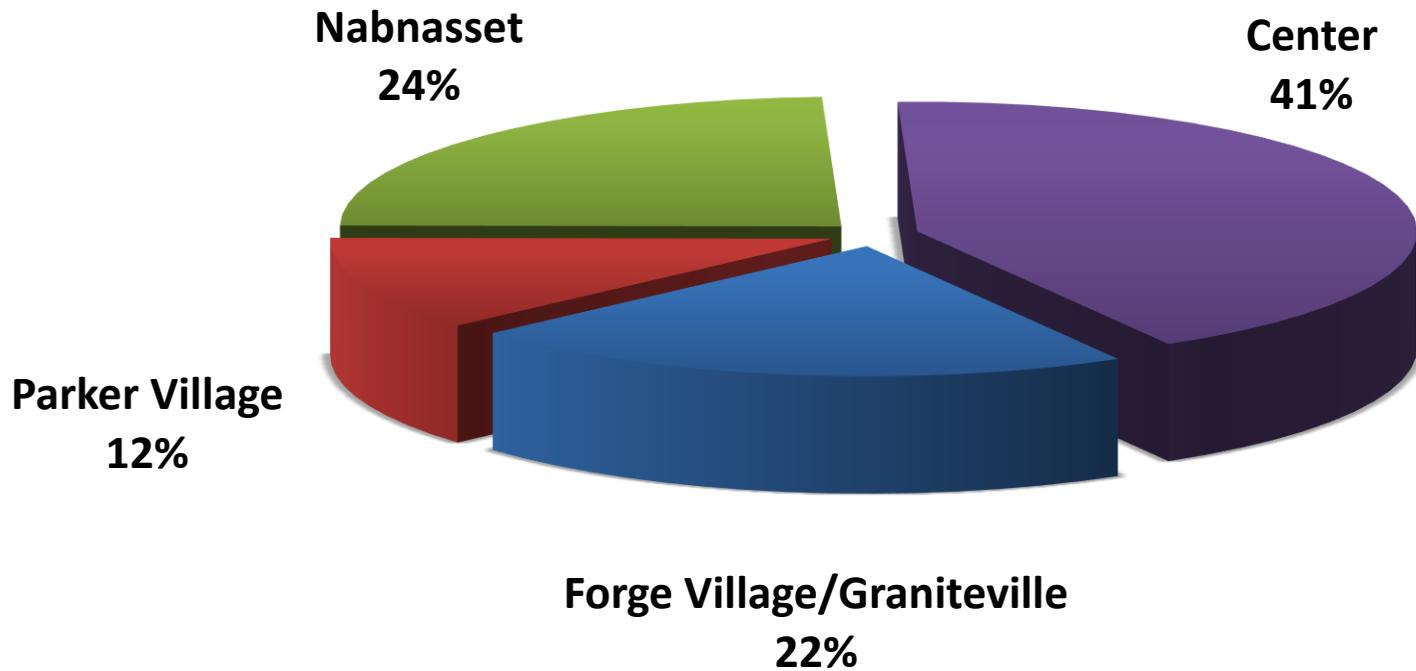


RFQ Briefing Session



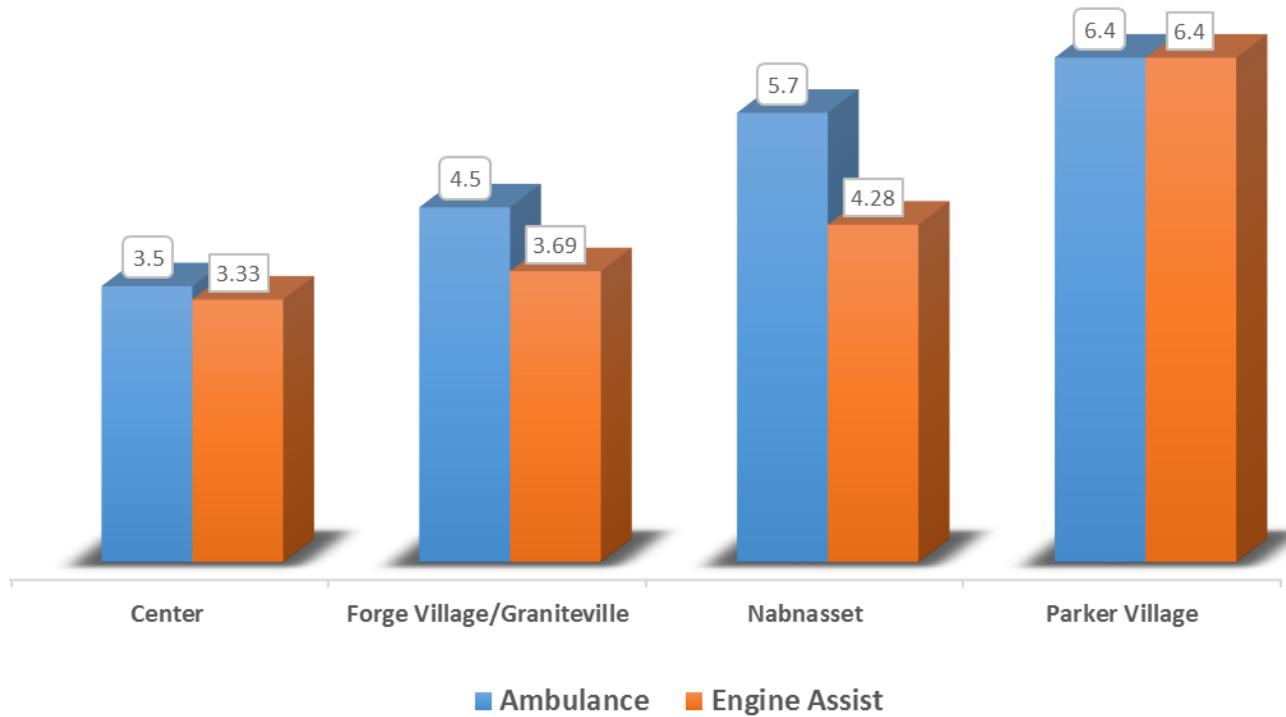
Fire and Ambulance Calls

Westford Fire Department Fire and Ambulance Calls 2013



Medical Response Times

Ambulance/Engine Assist Response Times (minutes)
2013

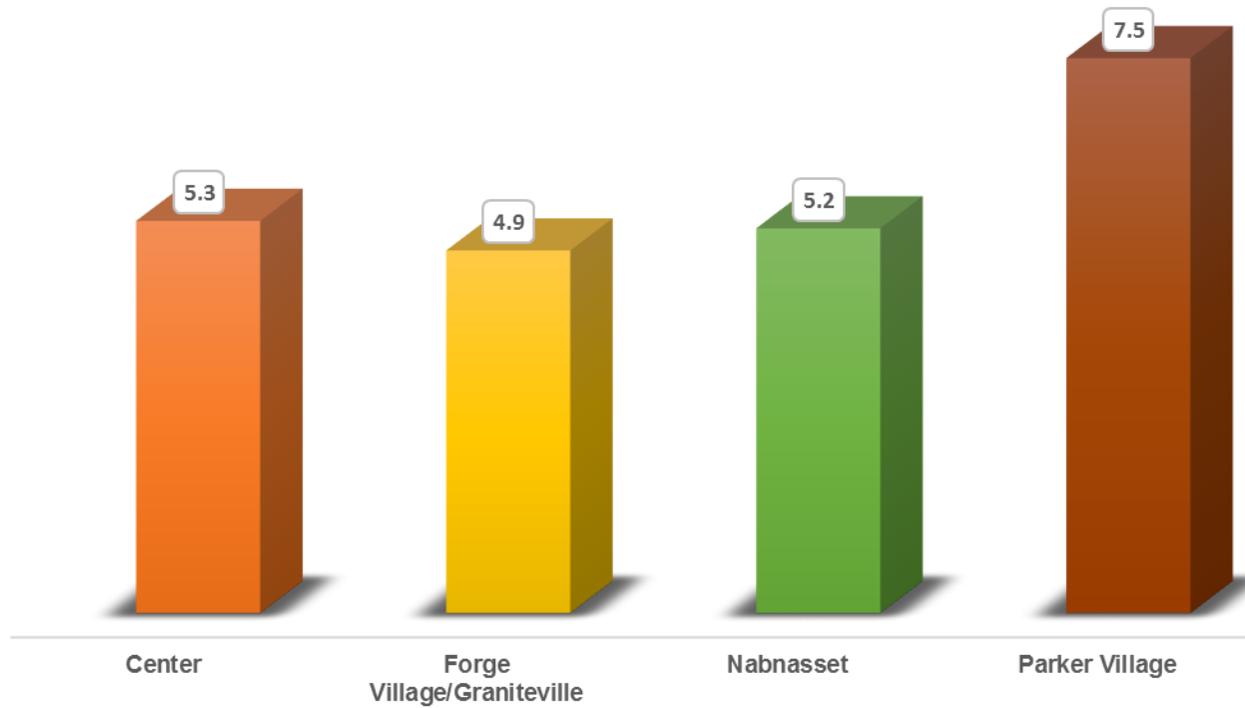


Recommended response time for cardiac and stroke patients is ≤ 6 minutes



Fire Response Times

Fire Engine Response Times (minutes)
2013



Center Fire Station No.1

- *Constructed in 1974 when Fire Department was a volunteer department, facility is inadequate to meet current needs of Department of Town.*
- *Station has three bays and stores two engines, two ambulances, and one ladder truck*
- *Currently all EMS/ALS calls are dispatched from this location*
- *Building needs significant upgrades to address building code, accessibility issues, energy issues, equipment and hazardous materials storage issues.*



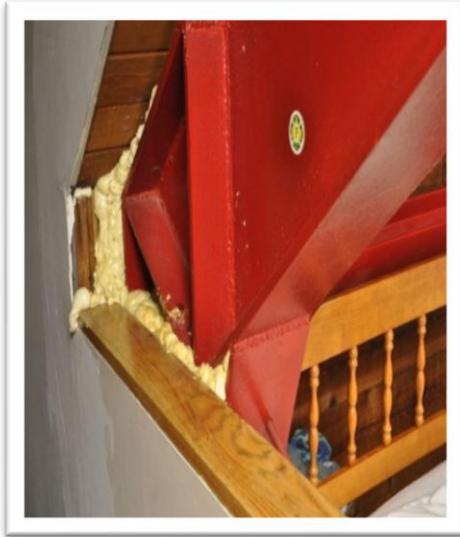
Identified Deficiencies

- ✓ *No accommodations for full-time staff*
- ✓ *No space for administrative staff*
- ✓ *Building is not compliant with Americans with Disabilities Act*
- ✓ *Inadequate bathroom and shower facilities for men and women*
- ✓ *Inadequate sleeping quarters*
- ✓ *Inadequate records storage*
- ✓ *No locker room facilities*
- ✓ *Unable to accommodate public meetings*
- ✓ *No area for decontamination*
- ✓ *No area for bio-hazard storage*
- ✓ *No fire sprinkler system*



Existing decontamination area

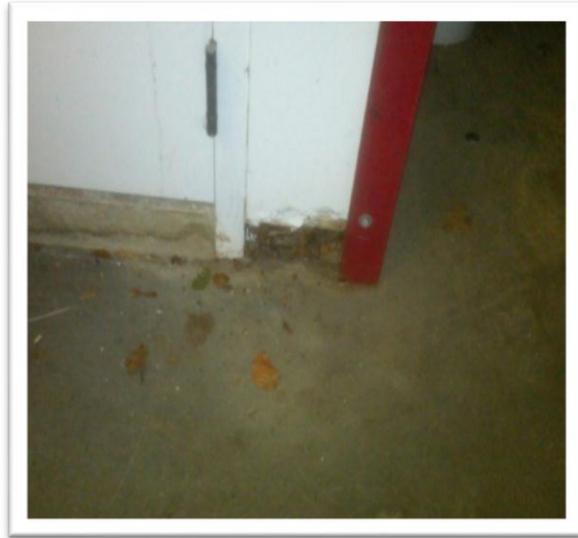
Center Station Existing Building Conditions



Roof leak in Sleeping Quarters



Mold on interior wall



Interior rot from water damage

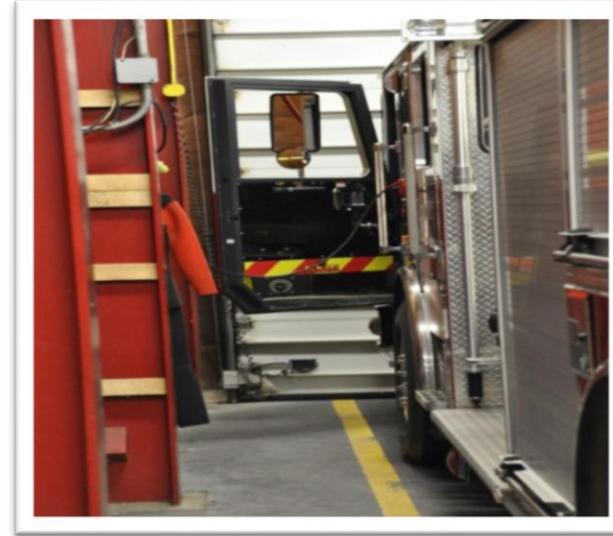


Exterior wood trim rot

Center Station Existing Conditions – 1st Floor



Dispatch Office



Engine No.1 with door open



Engine and Ambulance backed in



Ambulance with side door open

Center Station Existing Conditions – 2nd Floor



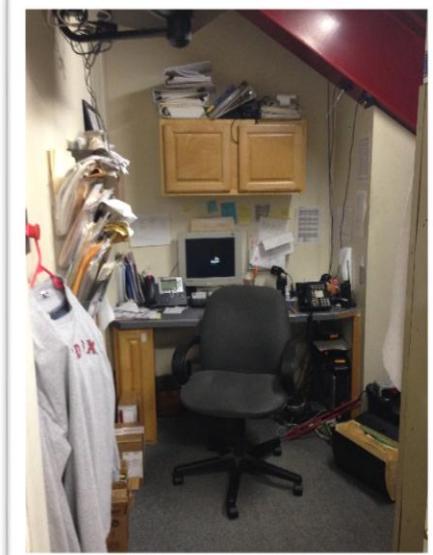
Meeting Room/Kitchen/Office



Fire Prevention "Office"



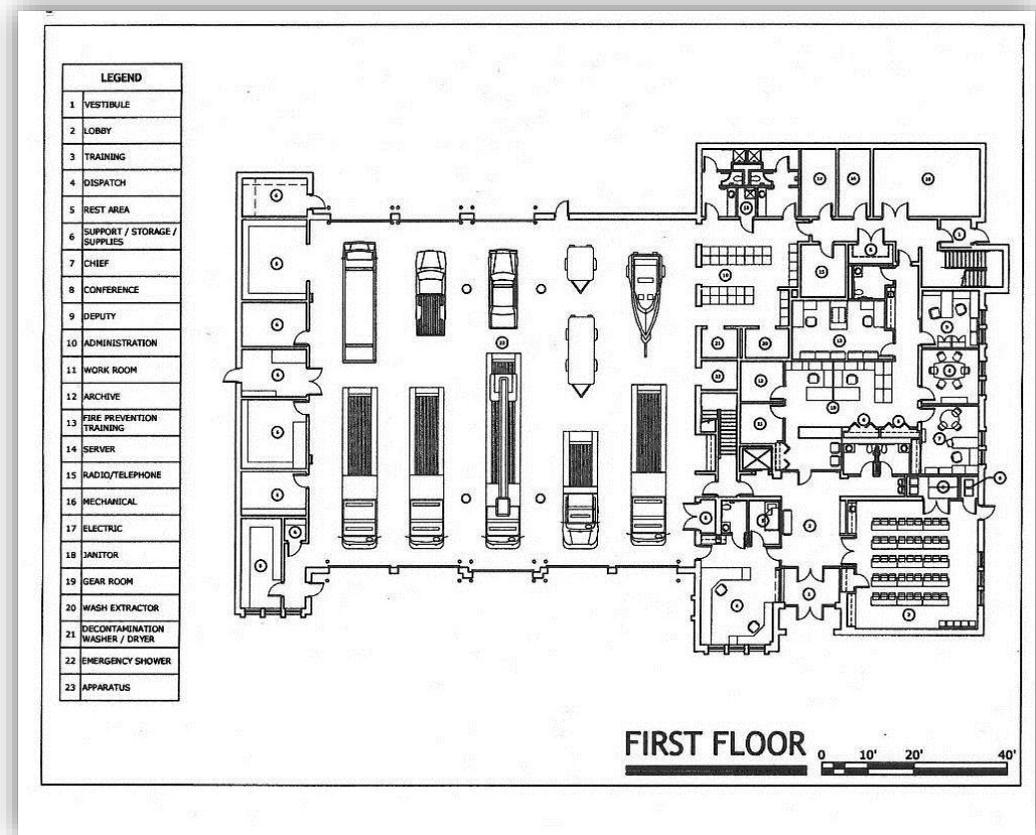
Sleeping Quarters



Captain's "Office"

Conceptual Floor Plan – New Fire Station

- *Space needs analysis completed in 2010 developed program that would meet future needs of Fire Department*
- *Adequate number of bays for equipment/vehicle storage*
- *Administrative offices*
- *Adequate storage for all equipment and hazardous materials*
- *Dispatch center*
- *Living quarters and locker facilities for personnel*



Conceptual Floor Plan of a Fire Station

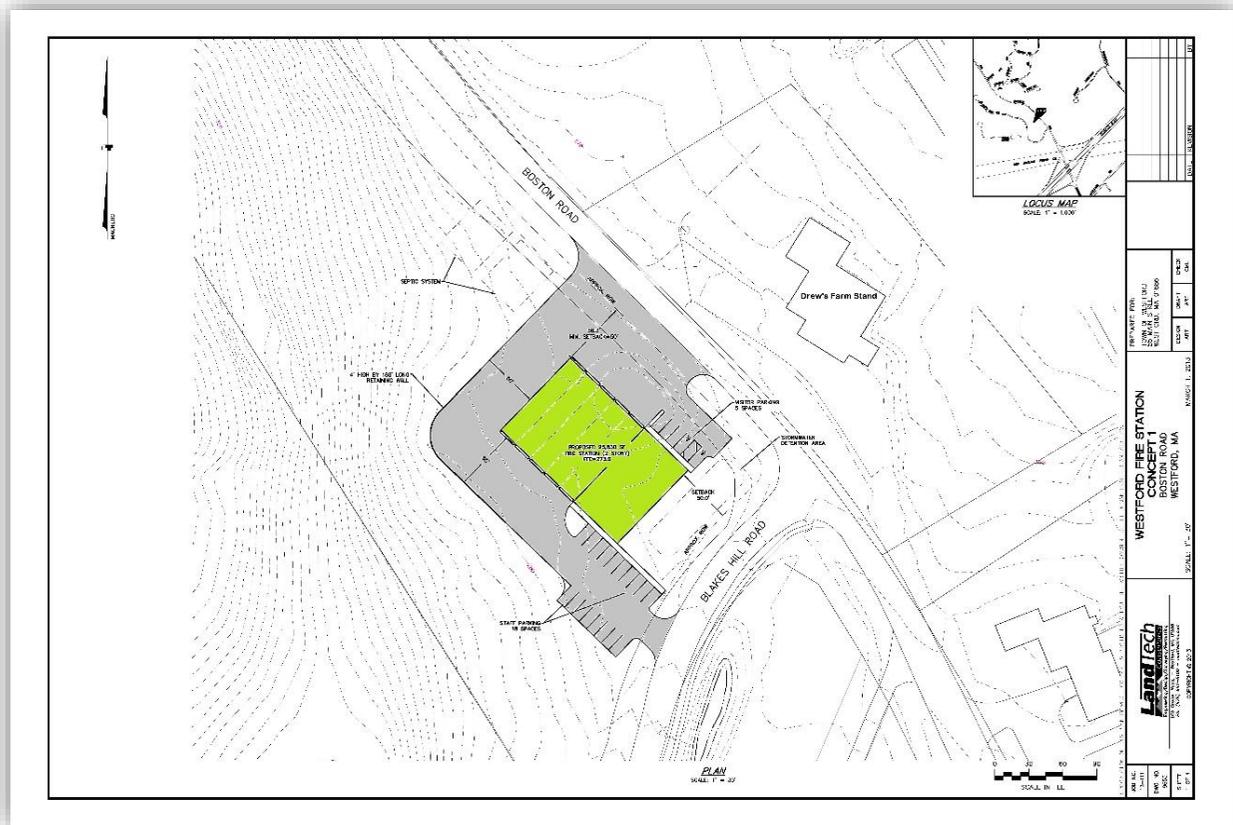
Conceptual Site Plan – Existing Location

- *Construct at current station location*
- *Maintain access in five directions*
- *New access through parking lot from Lincoln Street*
- *Turning radius issues*
- *Loss of parking*
- *Building footprint needs to be smaller (4 bays) due to limited site*
- *Existing station will need to be relocated for up to two years*



Conceptual Site Plan – Boston Road Parcel

- Construct station on 4.8 acre Town owned land on Boston Road (Parcel 22-3-4)
- Location will improve response time to Route 110 and Parker Village
- Traffic light needed for access/safety
- No impact on existing Center Station during construction
- Reconfigure response areas of Nab Station and Rogers Station



- *Fairly flat, open parcel at intersection of Boston Road and Blake's Hill Road*
- *Topography slopes up towards Blake's Hill.*
- *Parcel 22-3-5 (5.02 acres) to rear of parcel will maintain natural vegetated buffer to Blake's Hill neighborhood.*



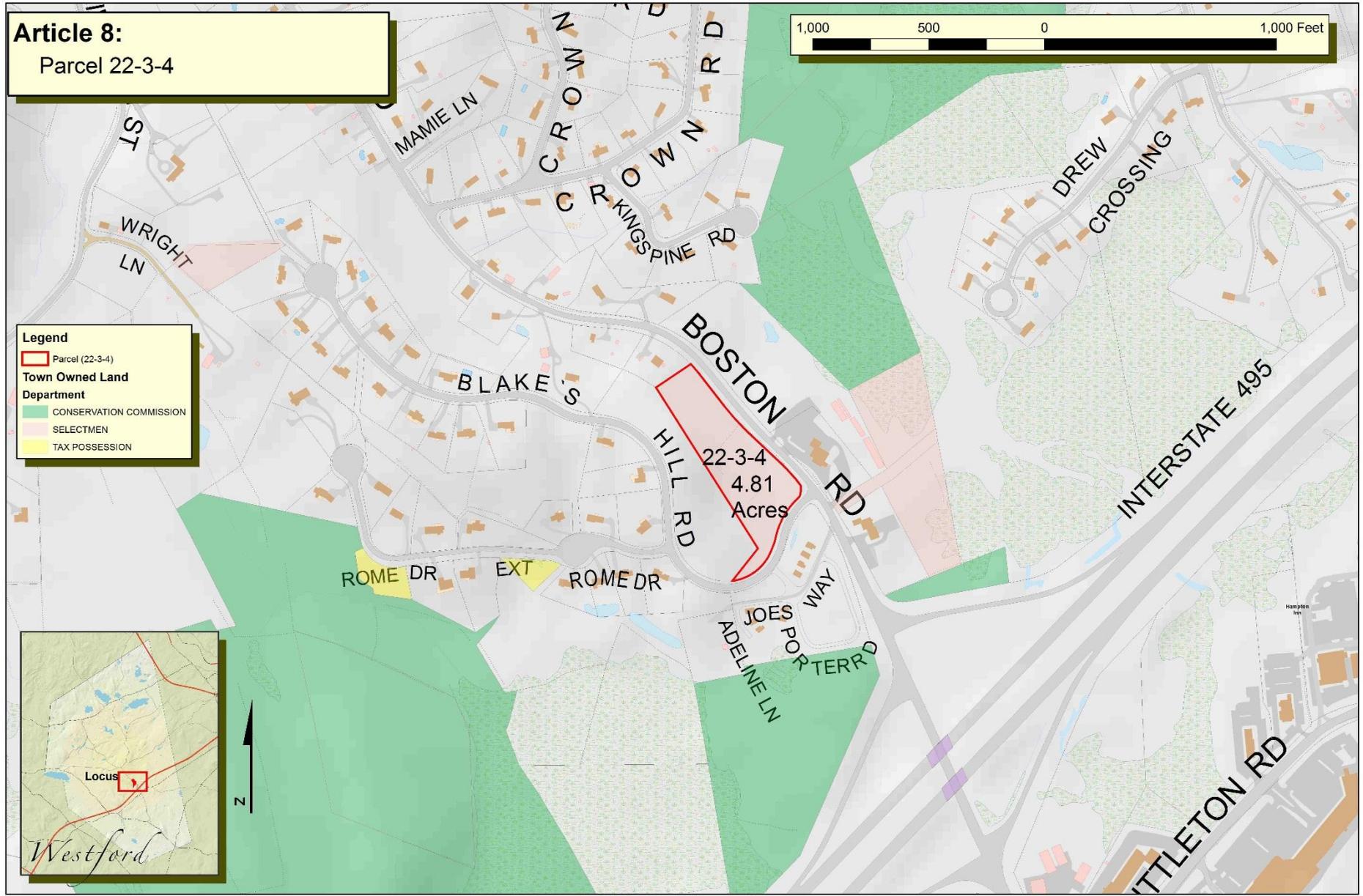
Boston Road Parcel

Article 8:
Parcel 22-3-4



Legend

- Parcel (22-3-4)
- Town Owned Land
- Department
- CONSERVATION COMMISSION
- SELECTMEN
- TAX POSSESSION



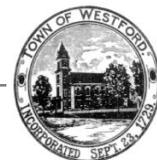
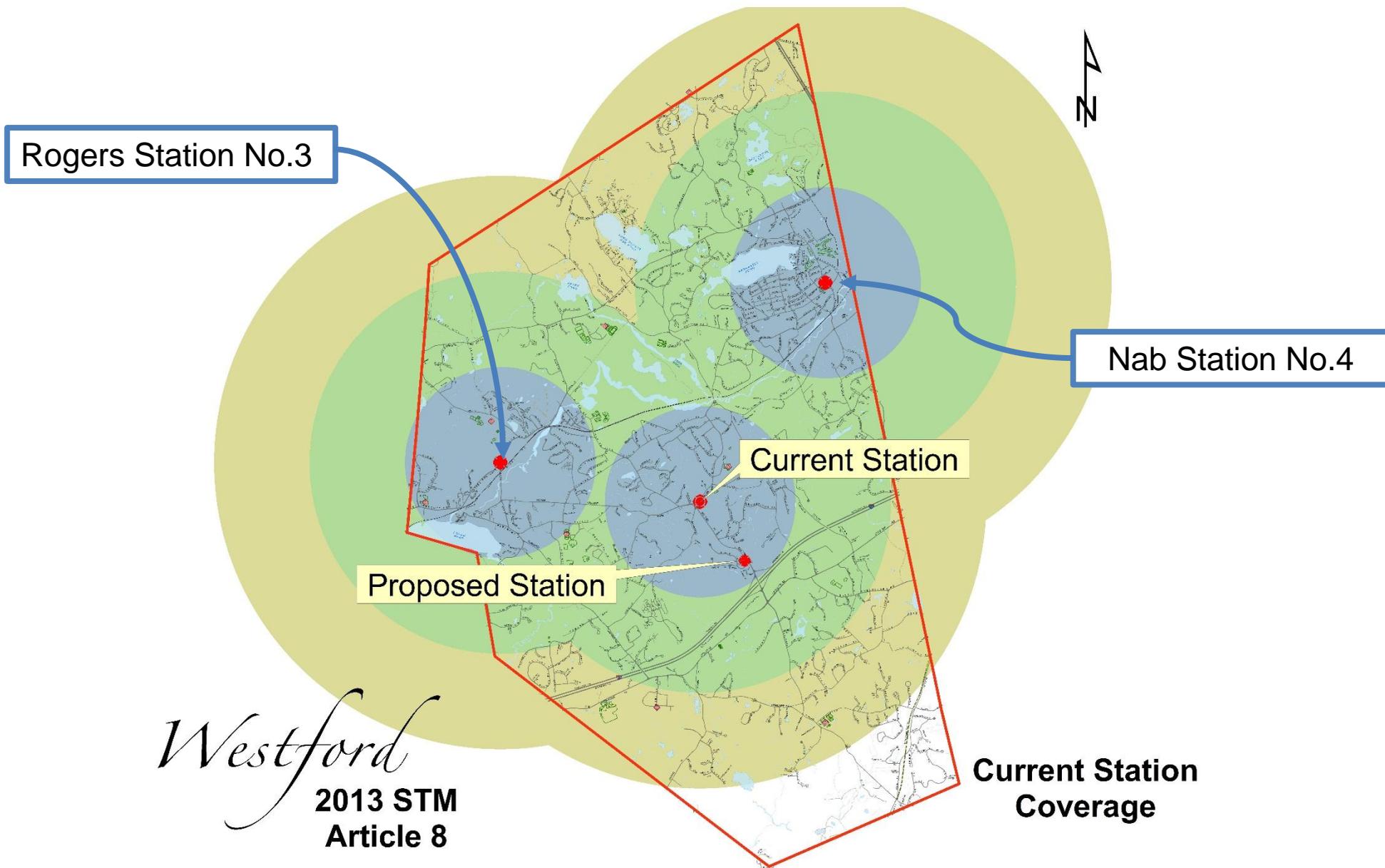
RFQ Briefing Session

May 14, 2014



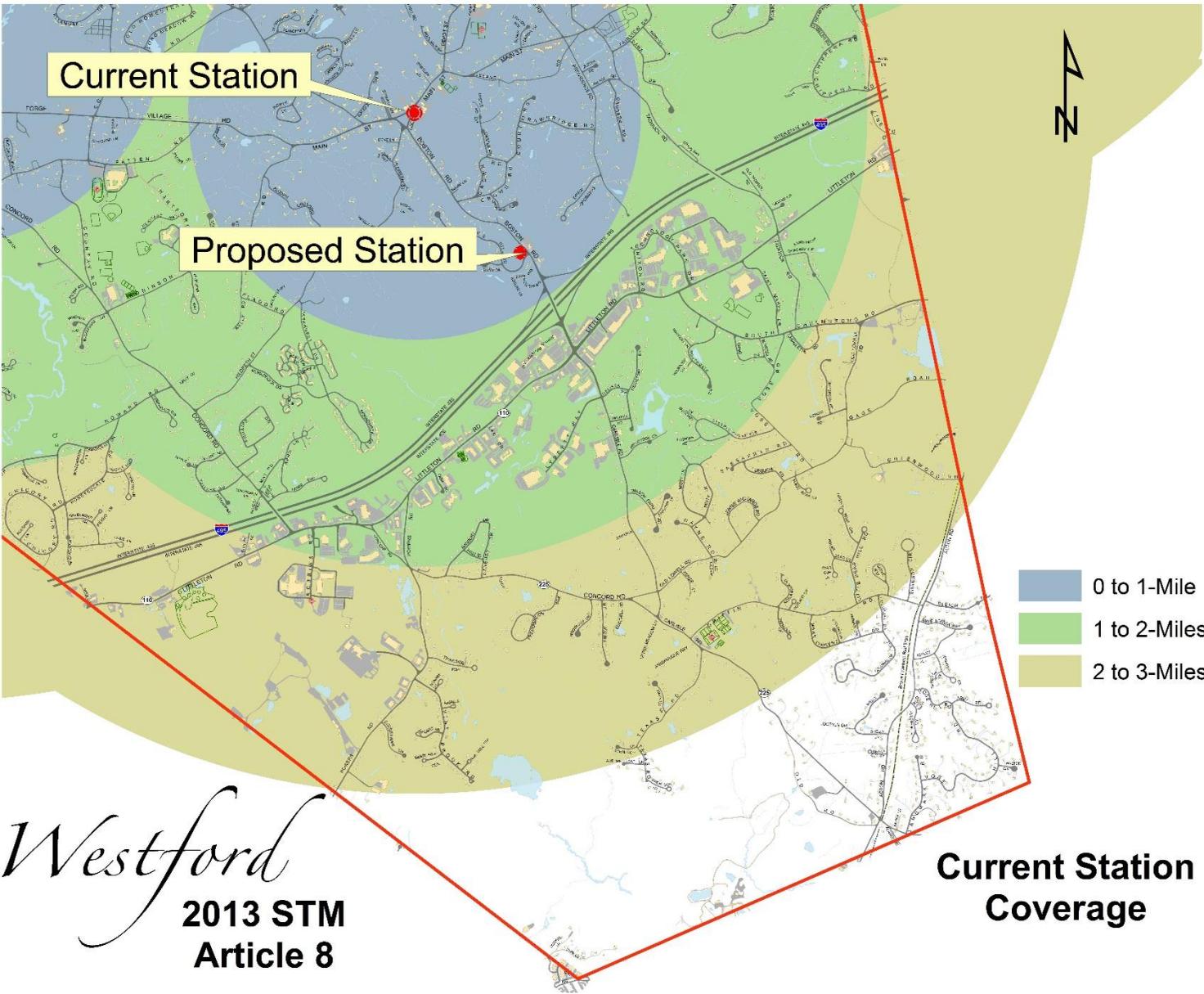
Existing Three Station Coverage Model

RFQ Briefing Session



Existing Area Outside 3 Mile Radius

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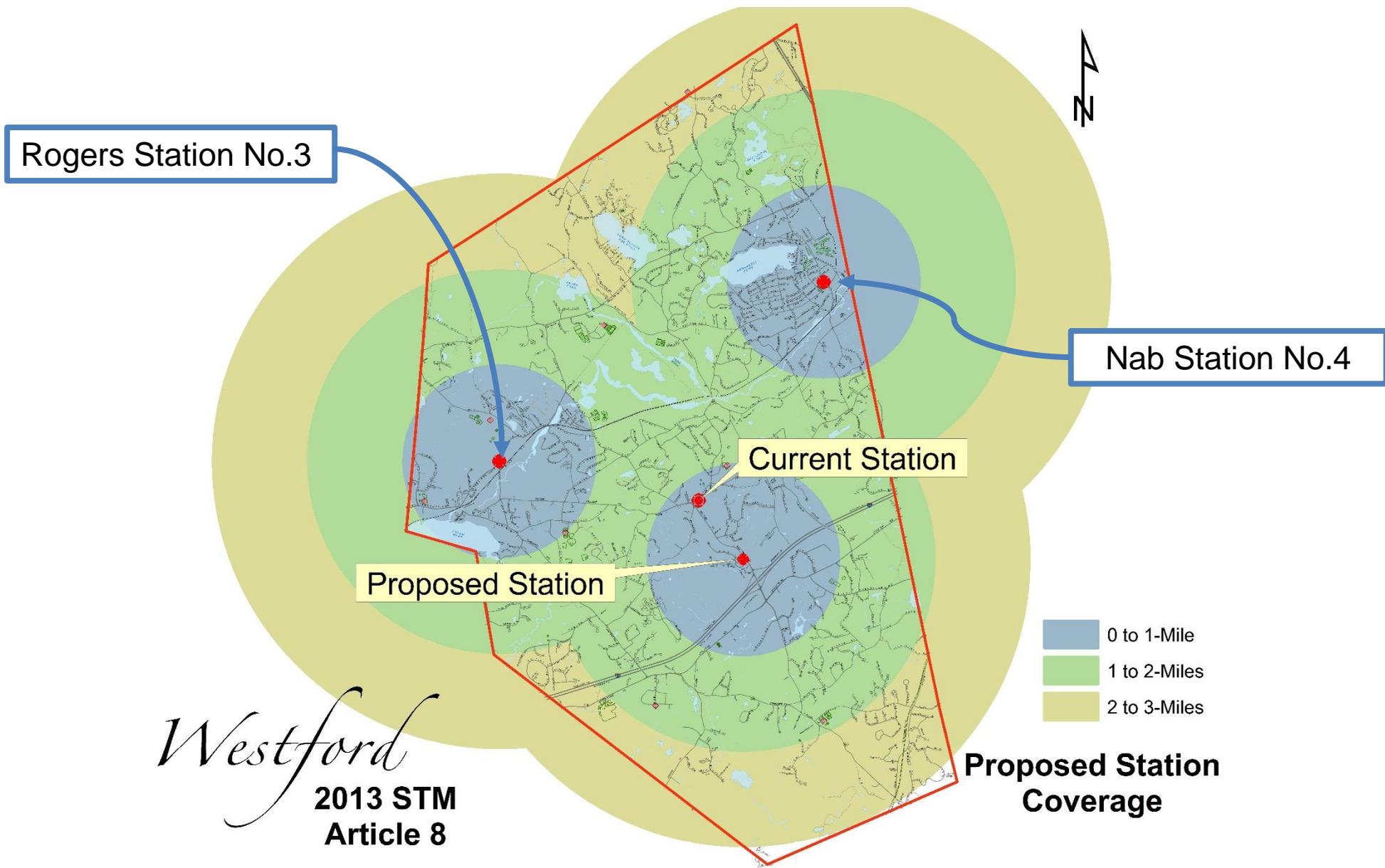


May 14, 2014



Recommended Three Station Coverage Model

RFQ Briefing Session



Westford
2013 STM
Article 8



- *Located at 1 East Prescott Street in former Fire Station in Forge Village section*
- *Building was constructed in 1960, is 2,200 s.f. with two floors*
- *Servers are located in first floor garage area*
- *Staff located on second floor*
- *Limited parking area*



1. *Investigate all potential locations for new Center Fire Station, including maintaining current location.*
2. *All options should be considered, both public and private, including the Boston Road parcel.*
3. *Provide recommendation for size of facility that will meet Town's needs for foreseeable future.*
4. *Determine if combining emergency dispatch operations is feasible and where location should be.*
5. *Investigate feasibility of relocating Technology Department into new facility.*
6. *Provide recommendations with cost opinions by **October 1, 2014.***



Questions or requests for information should be directed to:

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Questions & Facility Tours

May 14, 2014

