

Lebanon
Station 2
Replacement Project

Existing Station at 63 Main Street, West Lebanon

- ❖ Built in 1974 as an un-staffed call fire station
- ❖ In 2000 – station staffed with a Lieutenant and Firefighter
 - ❖ Staffing an Ambulance or Fire Engine
- ❖ Current building sits on .12 acres
- ❖ Station responds to 22% of annual calls – largely in West Lebanon
 - ❖ 44% of all emergency calls annually

Existing Station at 63 Main Street, West Lebanon



Existing Conditions - Safety

- ❖ No separation of clean and dirty areas
- ❖ Shower facilities require travel from apparatus floor through clean areas
- ❖ Protective equipment storage in apparatus area
- ❖ Does not meet current life safety and building codes
- ❖ Insufficient areas for decontamination of equipment and protective clothing

Existing Conditions - Building

- ❖ Requires masonry and roof repairs
- ❖ Not ADA Compliant
- ❖ Non-code compliant for modifications
- ❖ Inadequate insulation and poor energy efficiency
- ❖ Boiler in need of replacement
- ❖ Front apron sinking
- ❖ No gender specific shower, bathroom or locker areas

2019 Public Safety Facilities Study

❖ Goals

- ❖ Review existing facilities for expansion and/or renovation
- ❖ Review a potential location for a single fire station
- ❖ Review the option for 2 new fire stations

❖ Process

- ❖ Review of current and future space needs
- ❖ Review current safety and health conditions
- ❖ Review current and future department operations
- ❖ Review future development

Findings and Recommendations for Station 2

- ❖ Due to geographic restraints and an impact on response times a single station was not recommended
- ❖ Current facility does not support modern fire-fighting operations.
- ❖ Current facility is challenged to accommodate modern fire apparatus
- ❖ Site is constrictive and limited ability for expansion
- ❖ Space needs to increase by 55% for current and future operations
- ❖ Explore construction of a new fire station

Site Selection

- ❖ 2020 – with guidance of Lavalley-Brensinger the FD looked for developable land in West Lebanon that:
 - ❖ Was a minimum of 1-acre in size
 - ❖ Would have a minimal impact on response times in West Lebanon
 - ❖ Access to City Water and Sewer
 - ❖ Current and Future traffic volume
 - ❖ Maintenance of continuity to the downtown West Lebanon area

Site Options - River Park – North Main Street

❖ Pros

- ❖ Access to North Main Street
- ❖ Within a mile of the downtown area
- ❖ Access to Municipal Water System
- ❖ Proposed station design fit on site
- ❖ Connection proximity to primary response routes

❖ Cons

- ❖ Requires storm water and waste-water expansion
- ❖ Cost of land acquisition
- ❖ Lot size approximately 1-acre would limit potential future growth

Site Options – South Main Street near Waterman Avenue

❖ Pros

- ❖ Access to South Main Street and Plainfield Road
- ❖ Access to Municipal Water System
- ❖ Connection proximity to primary response routes

❖ Cons

- ❖ Cost of land acquisition
- ❖ Lot size approximately .8-acre would limit potential future growth
- ❖ Increased response time to the north end of Route 10 by 2-4 minutes
- ❖ High traffic area
- ❖ Require traffic control light to facilitate access to South Main Street

Site Options – Market Street near Waste-Water Treatment

❖ Pros

- ❖ Access to Municipal Water System
- ❖ Access to interstate

❖ Cons

- ❖ Cannot be built in a flood zone
- ❖ Increased response time to the north end of Route 10 by 2-4 minutes
- ❖ High traffic area
- ❖ Require intersection improvements at Market and South Main Street

Site Options – 38 Maple Street (@ Tracy Street)

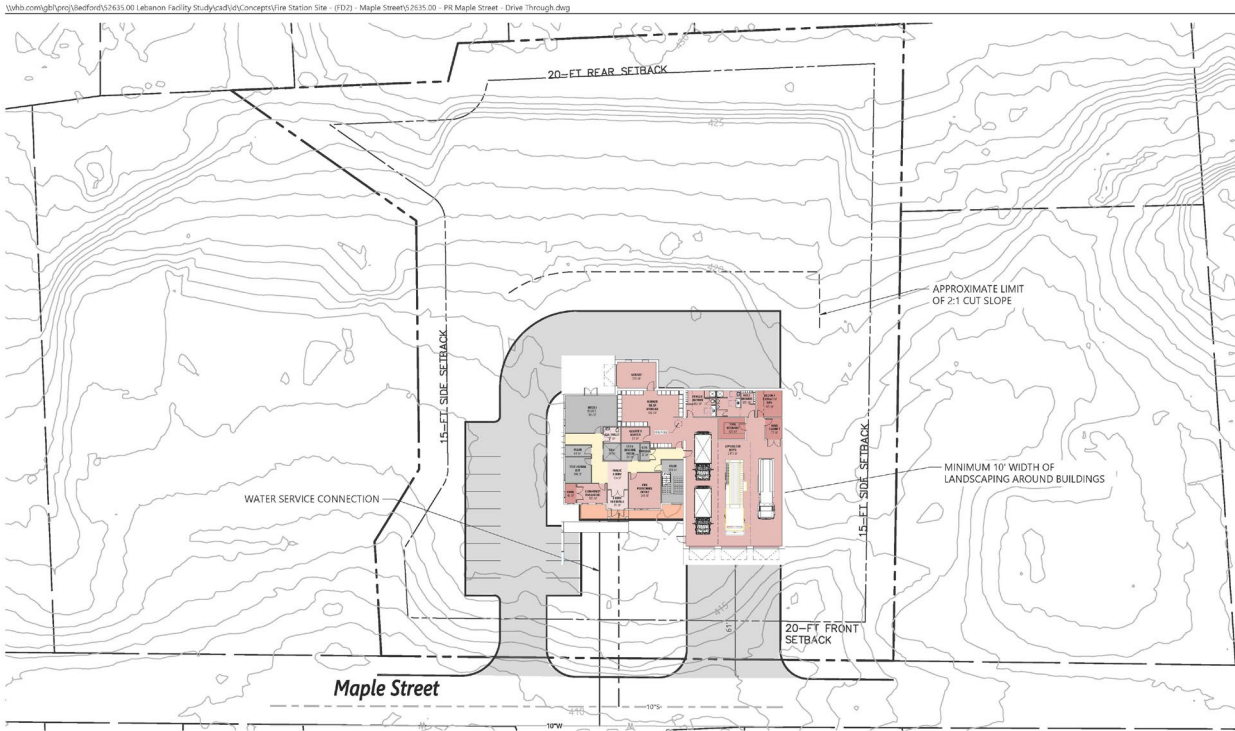
❖ Pros

- ❖ Lot Size – approximately 2-acres
- ❖ Access to Main Street via Tracy
- ❖ Continuity with Downtown West Lebanon
- ❖ Minimal impact to response times
- ❖ Connection proximity to primary response routes

❖ Cons

- ❖ Asbestos Abatement
- ❖ Water runoff will require site drainage modifications

Site Options – Proposed Station Sighting



LAVALLEE|BRENSINGER ARCHITECTS

vhb 38-44 MAPLE STREET
W. LEBANON, NH
FD2 w/ DRIVE-THRU

SKETCH-1
MARCH 2021

Benefits of a Neighborhood Station

- ❖ Fire Engine within 1.5 miles may have a positive impact on insurance rates
- ❖ Residential fires double in size every 60-70 seconds
- ❖ Connection between the Firefighters and the Community'
 - ❖ Open Houses
 - ❖ Access to small meeting room
- ❖ Public access for education and assistance