

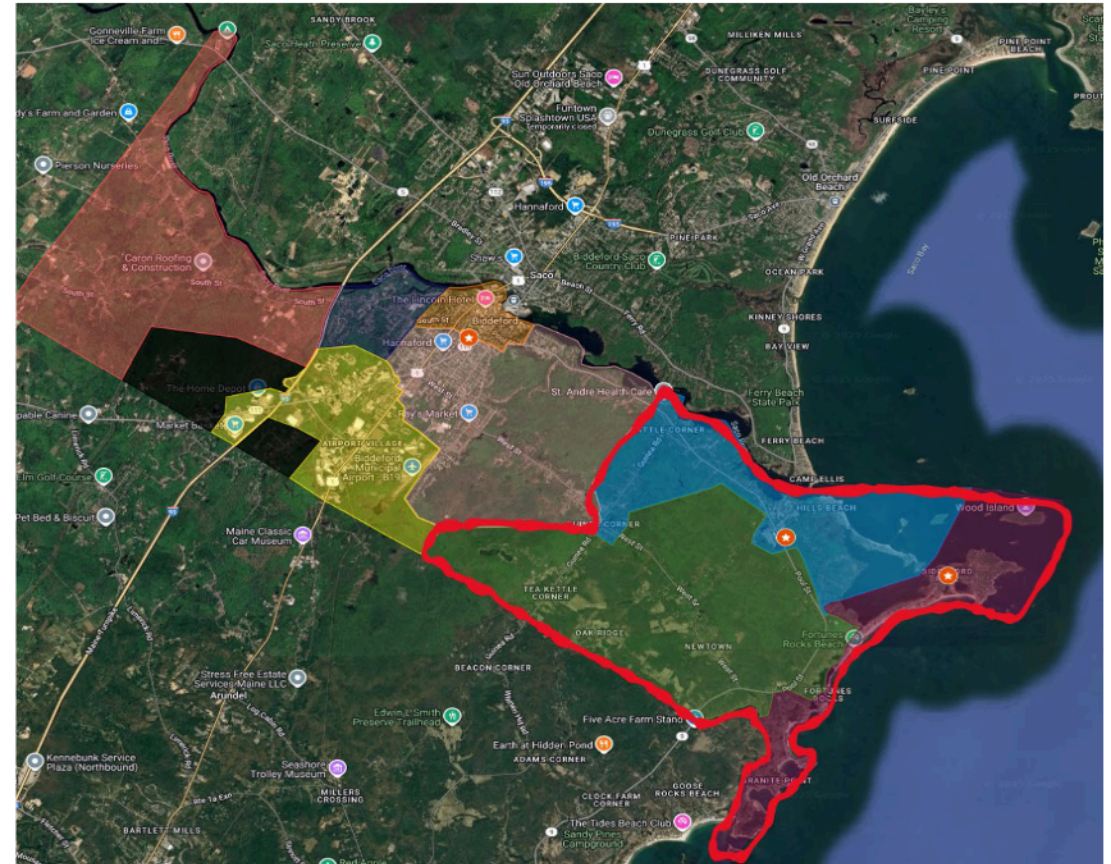


City of Biddeford Fire Department

Proudly Serving Since 1855



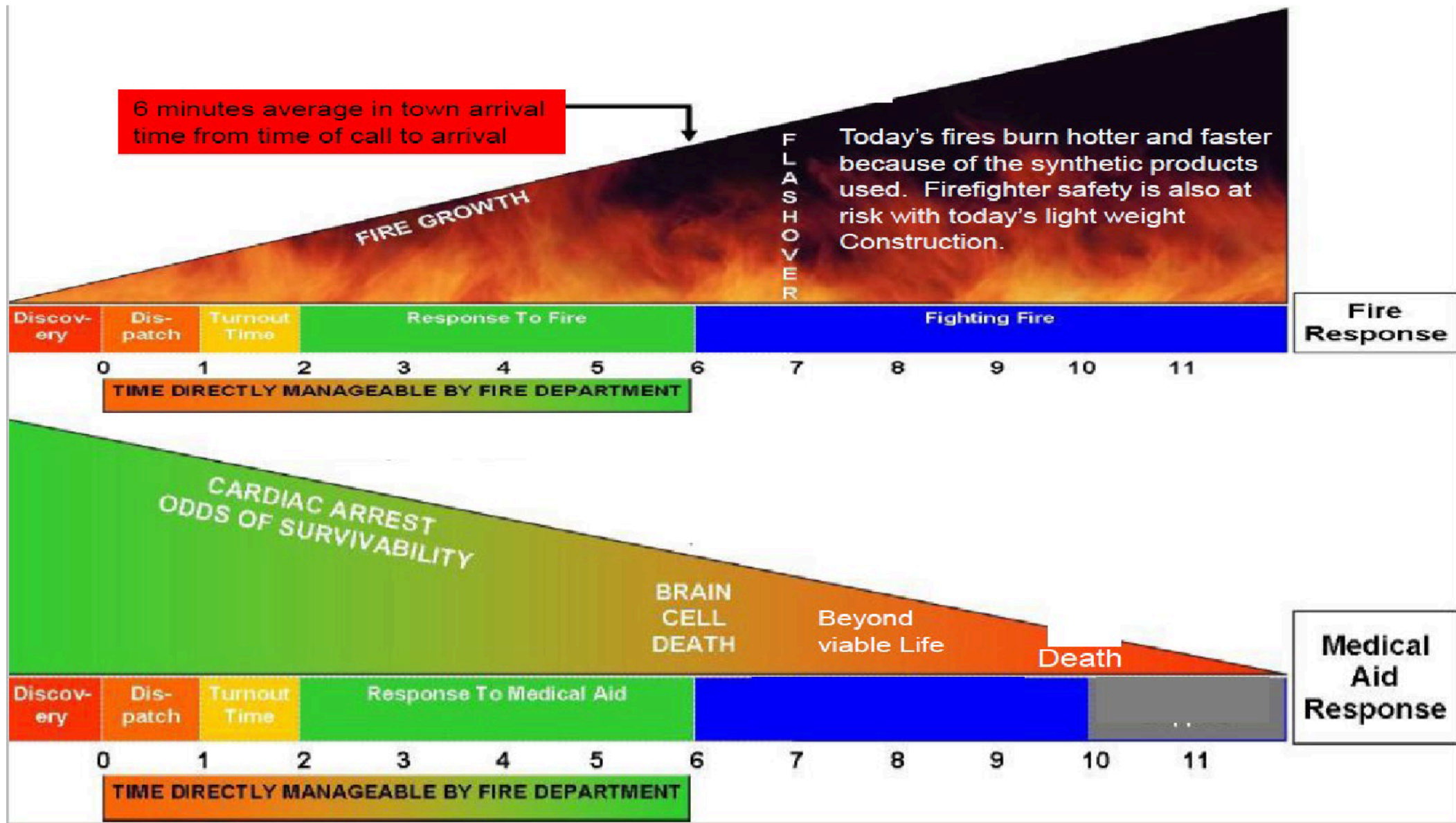
Eastern Fire/EMS Substation Update

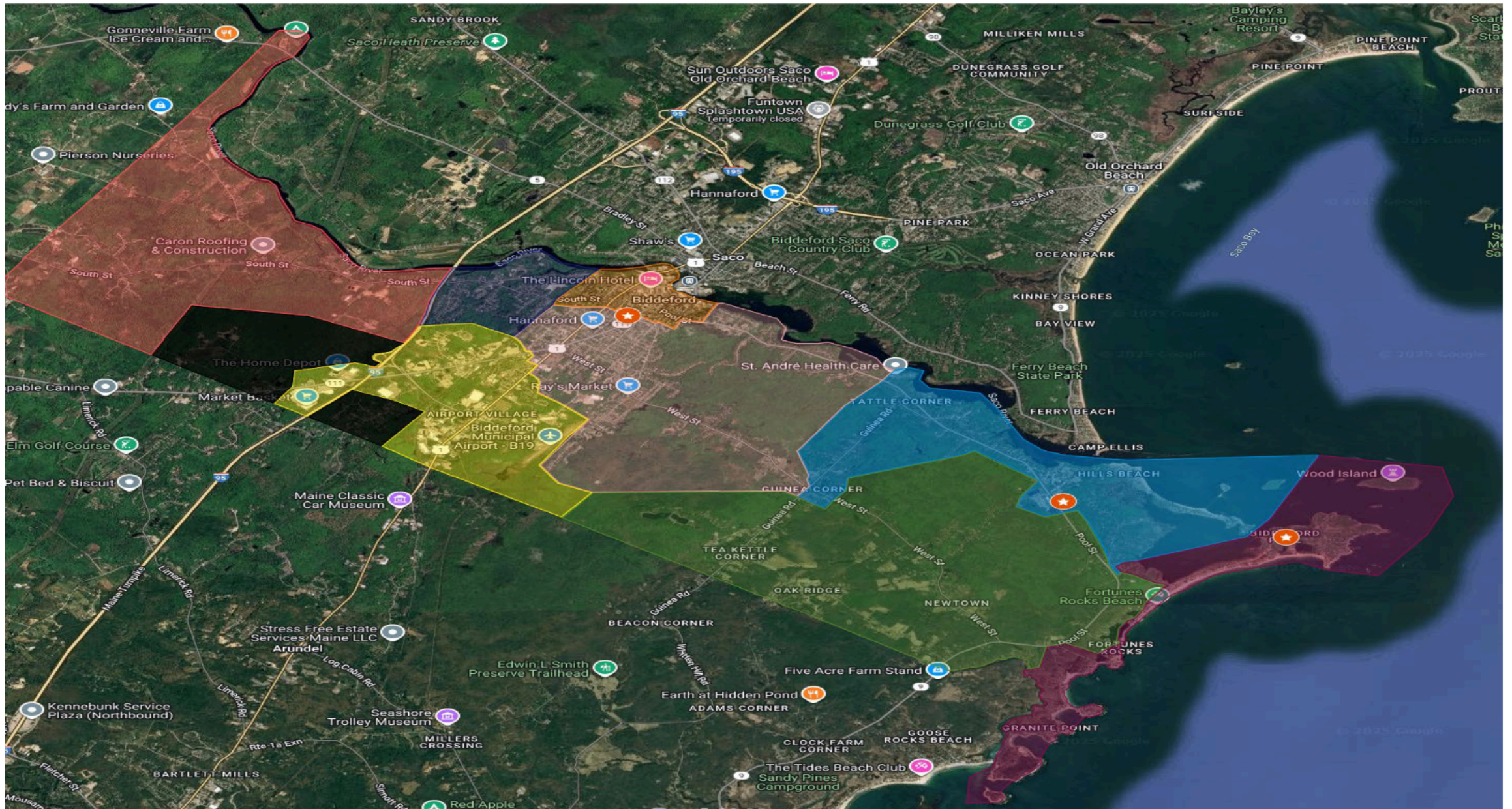


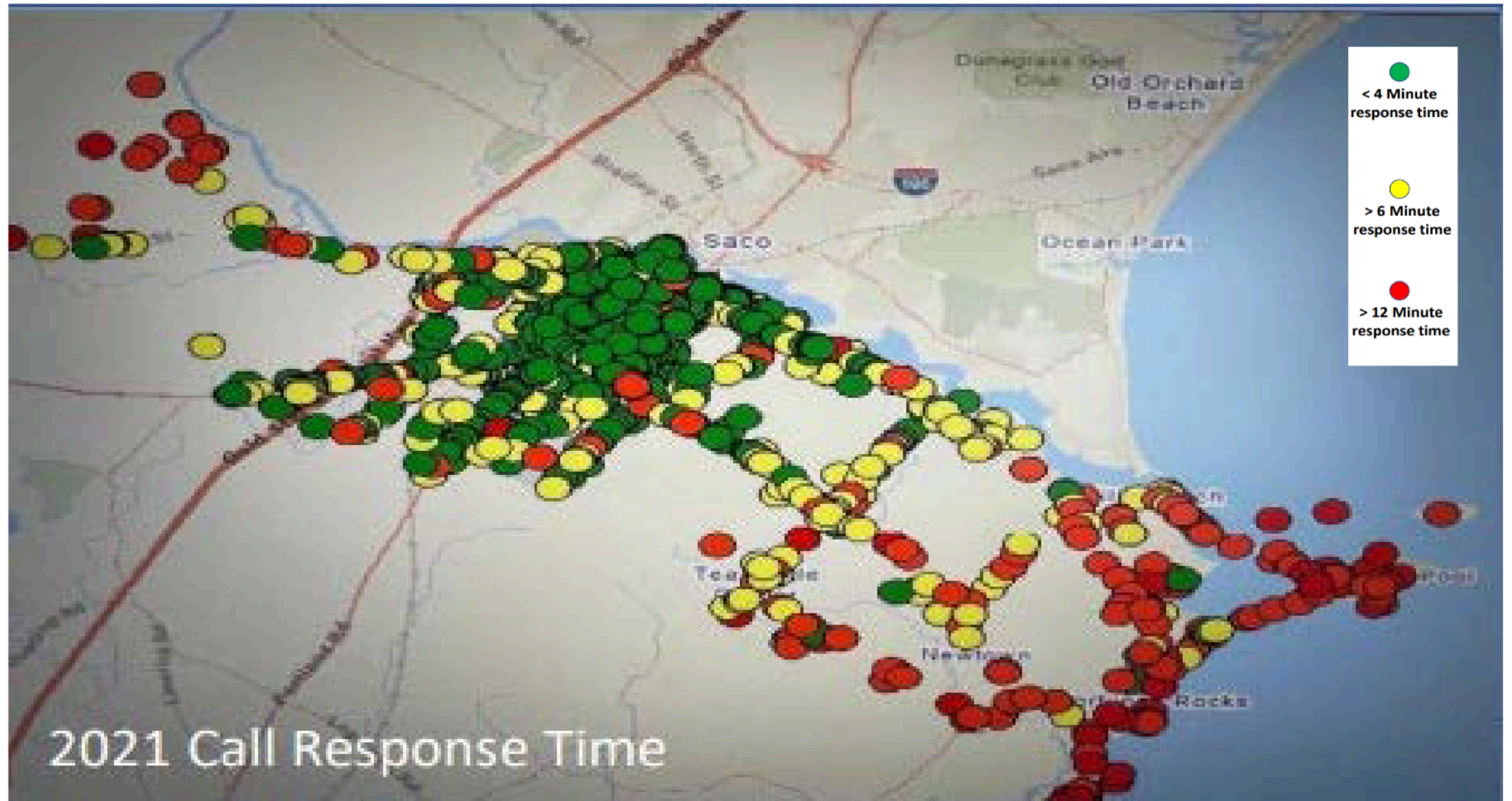
Eastern Fire/EMS Substation Need

- Call response times for Eastern Biddeford showed that there is a significant number of calls with a greater than 6-minute response time.
- Six-minute response times are critical for positive outcomes in both fire and medical emergencies.
- Based on this data, the Committee identified “a strong need for a substation to improve response times to Eastern Biddeford”.
- The recommended location identified by the Committee for the substation would cover about 90-95% of the community with a 6-minute response time.

Discussion on NEED







Eastern Fire/EMS Substation Timeline

- August 16, 2022 –
 - Eastern Fire/EMS Substation Committee Established
 - Order #2022.71
- April 18, 2023 –
 - Council- Final Report to City Council – Councilor Emhiser
- August 1, 2023 –
 - City Council Approved Selections of Architecture for Eastern Fire/EMS Substation
 - Order #2023-92
- April 1, 2025 –
 - City Council Approved Property Due Diligence – Phased Approach – 3 Phases
 - Order # 2025-35
 - Phase 1 Completed April/May 2025 – Update to City Council 09/16/2025
- September 16, 2025 –
 - City Council Approved Due Diligence Modification – Added 1B Phase
 - Order #2025.123
 - Phase 1B Completed November 2025- Update to City Council 12/16/2025

Eastern Fire/EMS Substation – Committee Highlights

- **Equipment**

- The committee recommended one Engine with 1800 gallon capacity and one ambulance be located at the substation. Given the cost benefit, it was agreed that initially using existing engine Squad 28 at the station would be an effective use of equipment.

- **Staffing**

- Initial staffing is recommended to be two per shift, one of which is a paramedic.
- This would require the addition of four new positions, which could be added in stages over the coming budget cycles.
- Ultimately, the ideal staffing recommendation would be a “company” with an Officer and two Privates per shift.

Eastern Fire/EMS Substation – Committee Highlights

- **Additional City Services**

- The Committee determined that the cost benefit of providing additional City services out of the building does not warrant devoting space to these activities.

- **Size and Scope**

- The Committee determined that the size of the station should meet the needs projected for the next 10 years. Potential designs for three sizes of stations were evaluated. For a 6,000 to 7,500 square foot building, the cost would be between \$3 and \$4 million.

- **Final Recommendation and Request for Council**

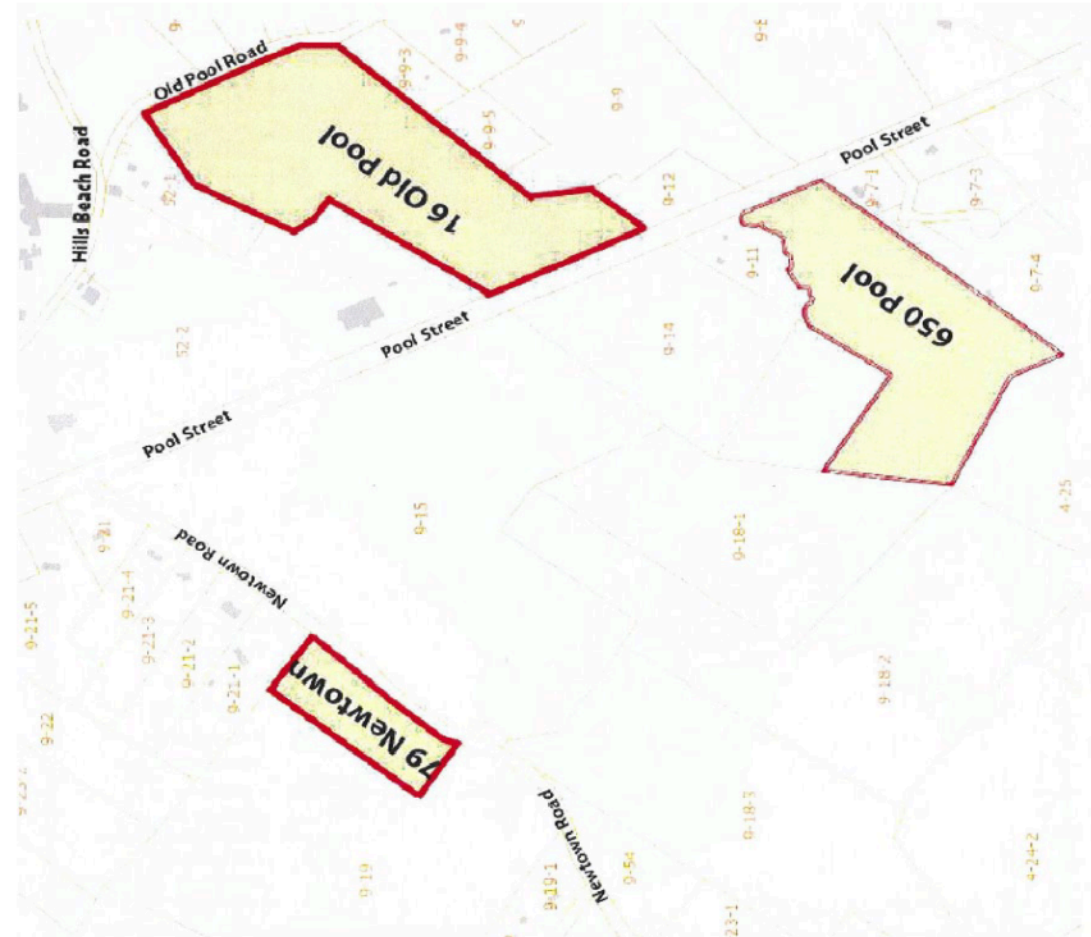
- The Committee requested that City Council issues an RFP for \$150,000 from previously appropriated funds for initial architectural and engineering design for a Substation. This will allow a firm basis for finalizing the appropriate size and shape and quantifying detailed costs for potential next steps. It will also provide details for potential grant applications.

Eastern Fire/EMS Substation – Committee Highlights

- **In general, the subcommittee identified the locations based on:**
 - Closeness to the majority of residential housing units (including UNE dormitories)
 - Access to Pool Street as the main artery for in-town call response
 - Access or potential access to water mains
 - Closeness to UNE for program collaboration
 - Significant enough parcel size to allow for an incremental approach
 - Not within an evacuation zone
- **The subcommittee determined that additional information is required before the locations can be determined as final options:**
 - Basic substation configuration and requirements to determine if parcel sizes are adequate
 - Professional review of each of the three for potential zoning, wetlands, etc. issues
 - Professional review of each of the three for site preparation requirements
 - Feedback from UNE regarding actual availability of a portion of 16 Old Pool Road

Eastern Fire/EMS Substation – Committee Highlights

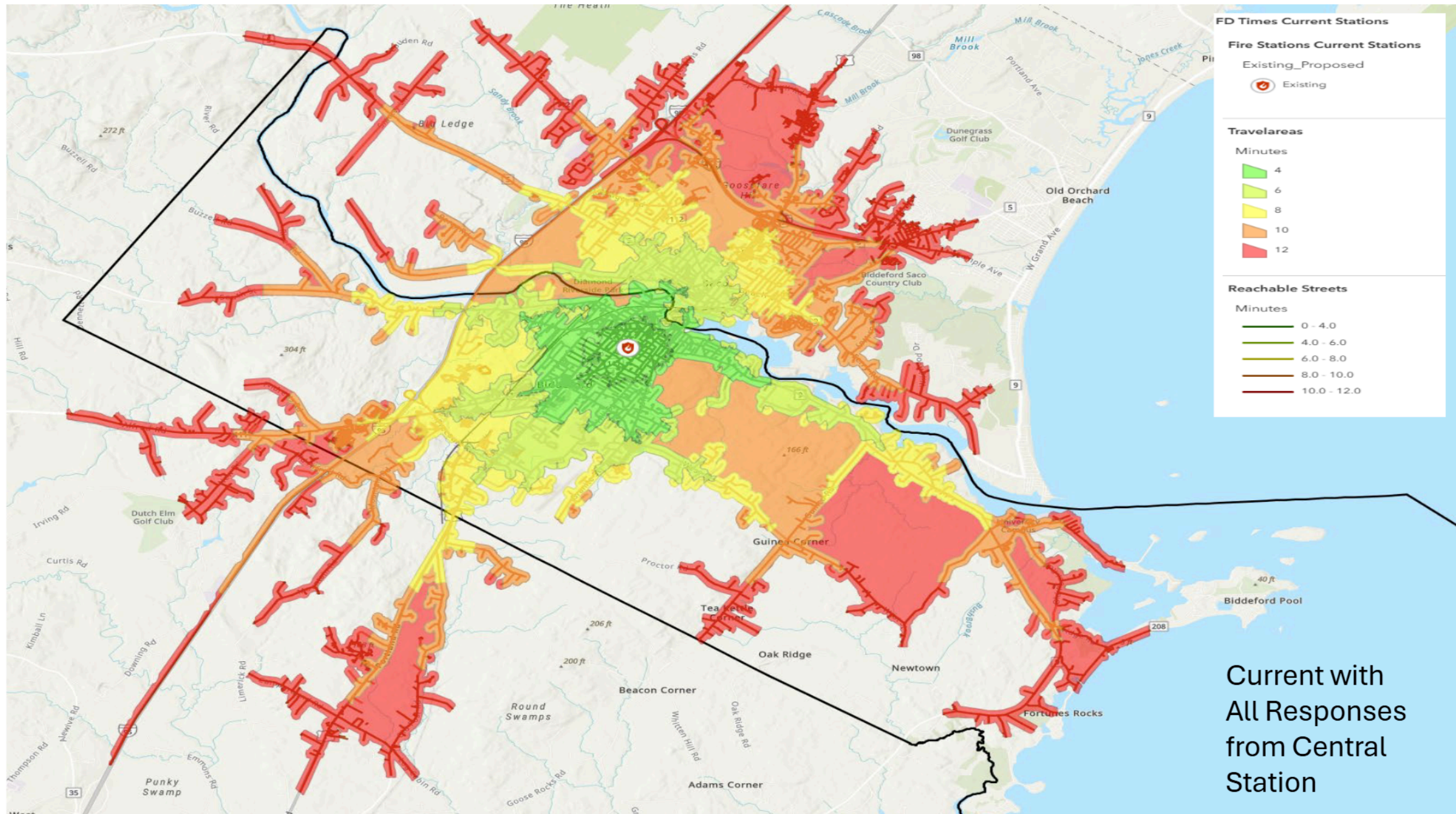
- **Locations Identified-
November 2022**
 - 79 Newtown Road
 - 16 Old Pool Road (frontage on Pool Street near UNE Safety Building)
 - 650 Pool Street



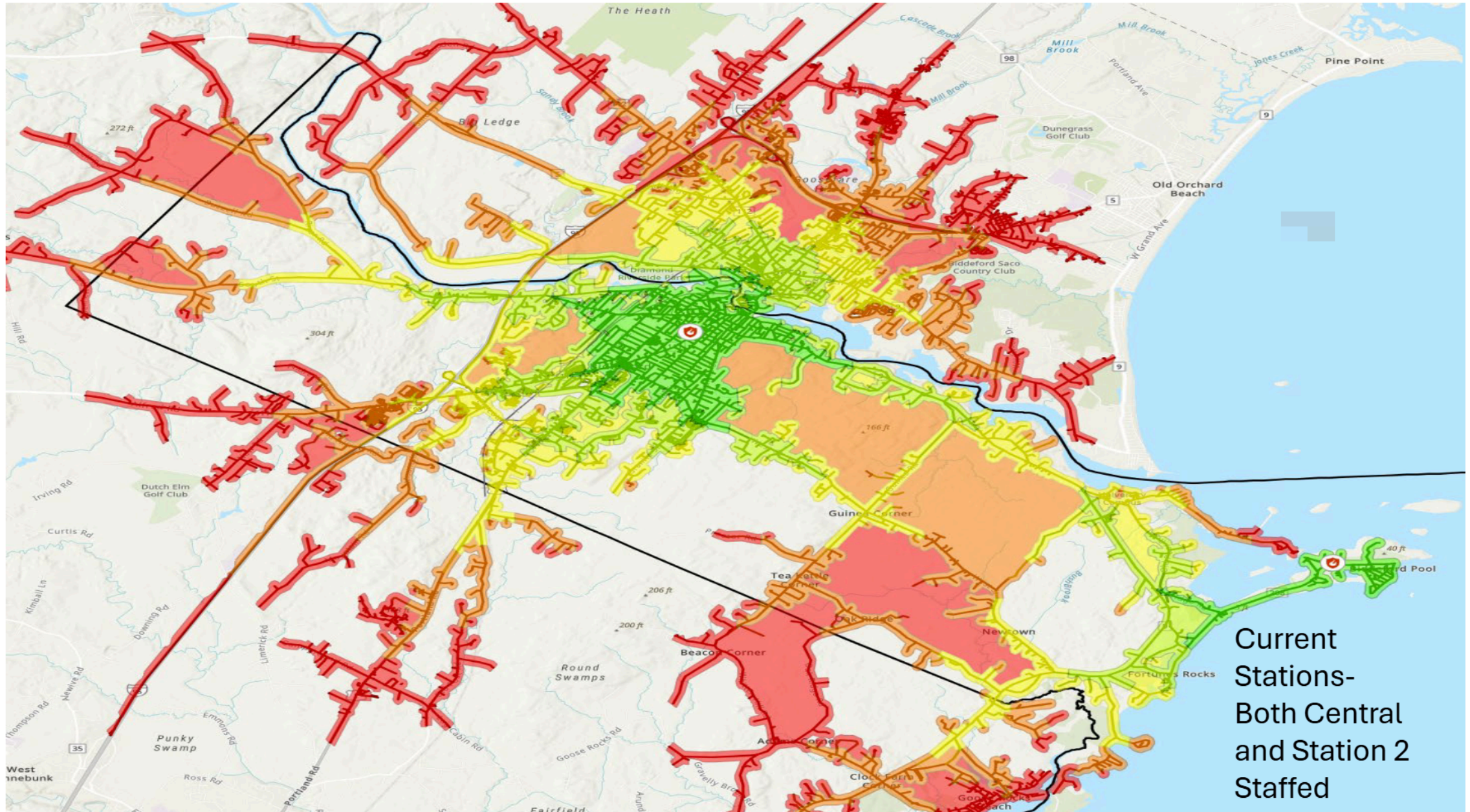
POTENTIAL EASTERN FIRE/EMS SUBSTATION LOCATIONS

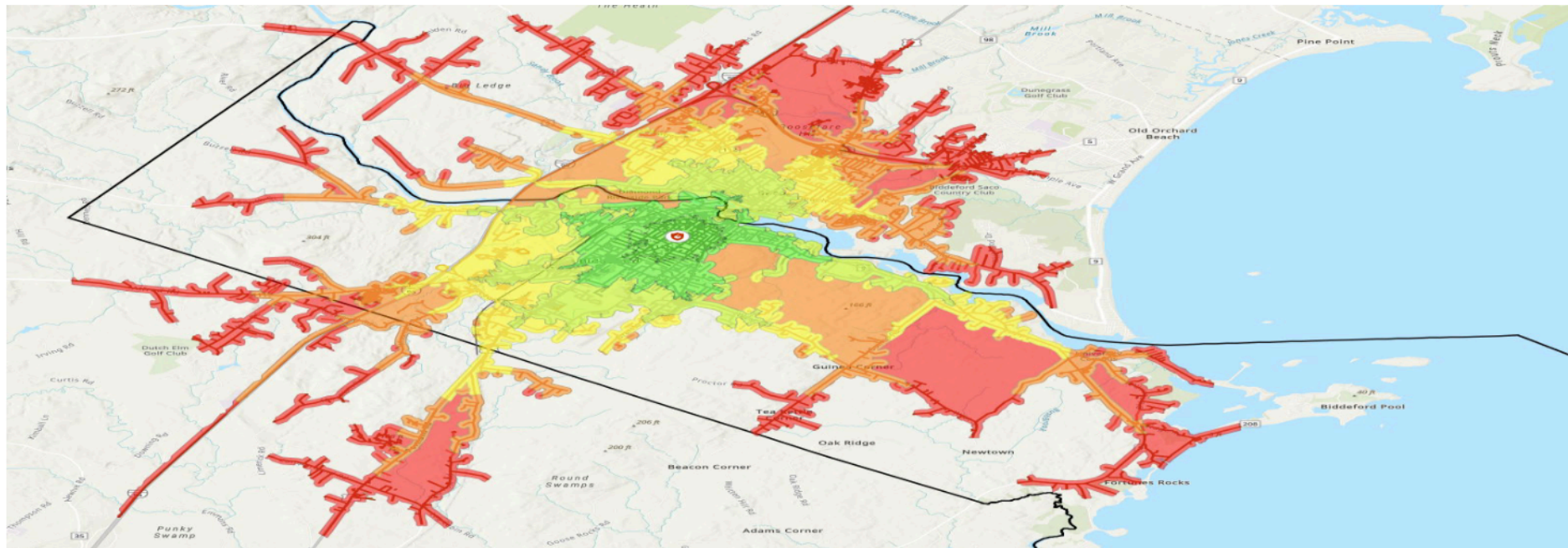
FACTORS	79 Newtown Road	16 Old Pool Road	650 Pool Street
Mblu	9-20	9-13	9-10
Parcel Size	5.0 Acres	30.12 Acres (whole parcel)	7.6 Acres
Current Zoning	Institutional	Institutional	Rural Farm/Coastal Residential
Current Owner	University of New England	University of New England	Stephen A. Foran
Subdivide Required	No	Yes	No
On The Market	Open To Discussions	No	Yes
Current City Assessment	\$68,000	\$289,500 (whole parcel)	\$109,900
Vacant Parcel	Yes	Yes - If subdivided	Yes
Existing Structure(s)	No	No - If subdivided	No
Demolition Required	No	No - If subdivided	No
Municipal Water Supply	Potential	Potential	Unknown
On Main Artery	No	Yes	Yes
In Evacuation Zone	No	No	No
Close To The Univeristy of New England	Yes	Yes	Yes
Google Distance/Time To Timber Point	4.6 miles / 9 minutes	3.7 miles / 8 minutes	3.7 miles / 8 minutes
Google Distance/Time To Fort Hill	2.5 miles / 8 minutes	3.0 miles / 9 minutes	3.0 miles / 9 minutes
Google Distance/Time To South Point	4.2 miles / 10 minutes	3.2 miles / 9 minutes	3.2 miles / 9 minutes
Google Distance/Time To Wildbrook & Guinea Intersection	3.9 miles / 7 minutes	5.5 miles / 9 minutes	5.5 miles / 9 minutes
Google Distance / Time To Area of 31 Scadlock Mill Road	4.0 miles / 6 minutes	3.1 miles 5 minutes	3.1 miles 5 minutes
Google Distance / Time to Central Fire Station	4.7 miles / 9 minutes	5.2 miles / 10 minutes	5.2 miles / 10 minutes

NOTE: Distances and times are based on Google Maps and are only for parcel comparison and do not reflect assumptions for emergency response times



Current with
All Responses
from Central
Station





Current with All Responses from Central Station

FD Times Current Stations

Fire Stations Current Stations

Existing_Proposed

Existing

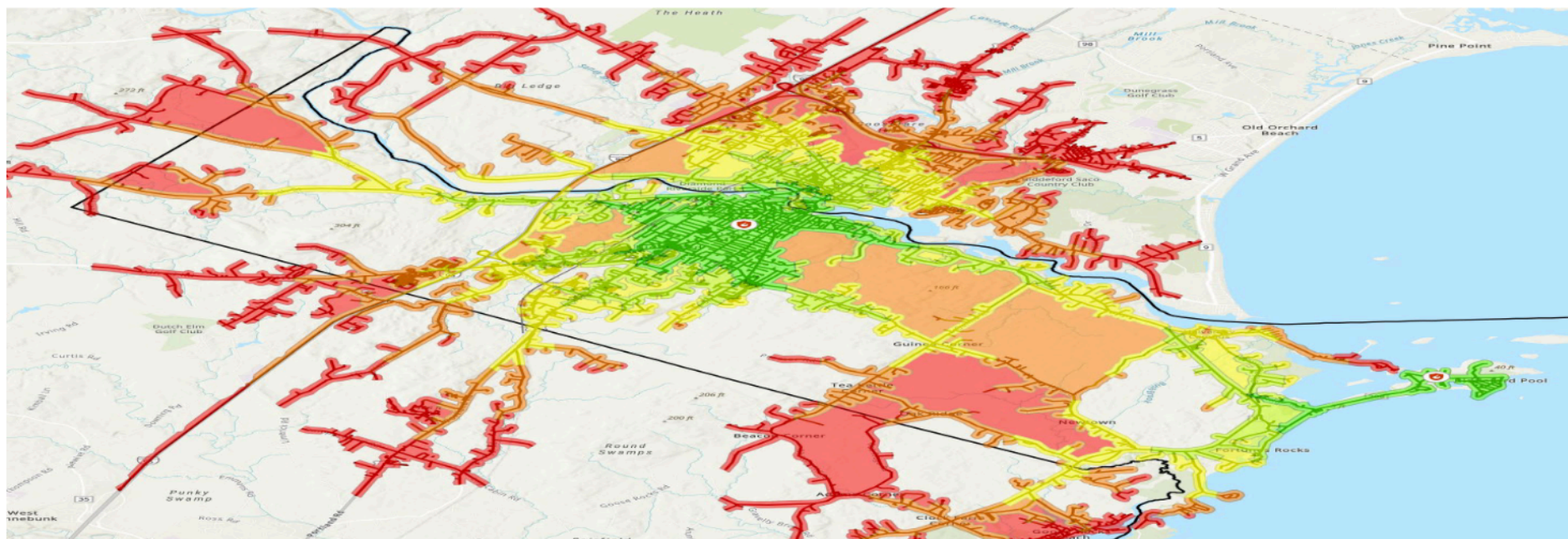
Travelareas

Minutes

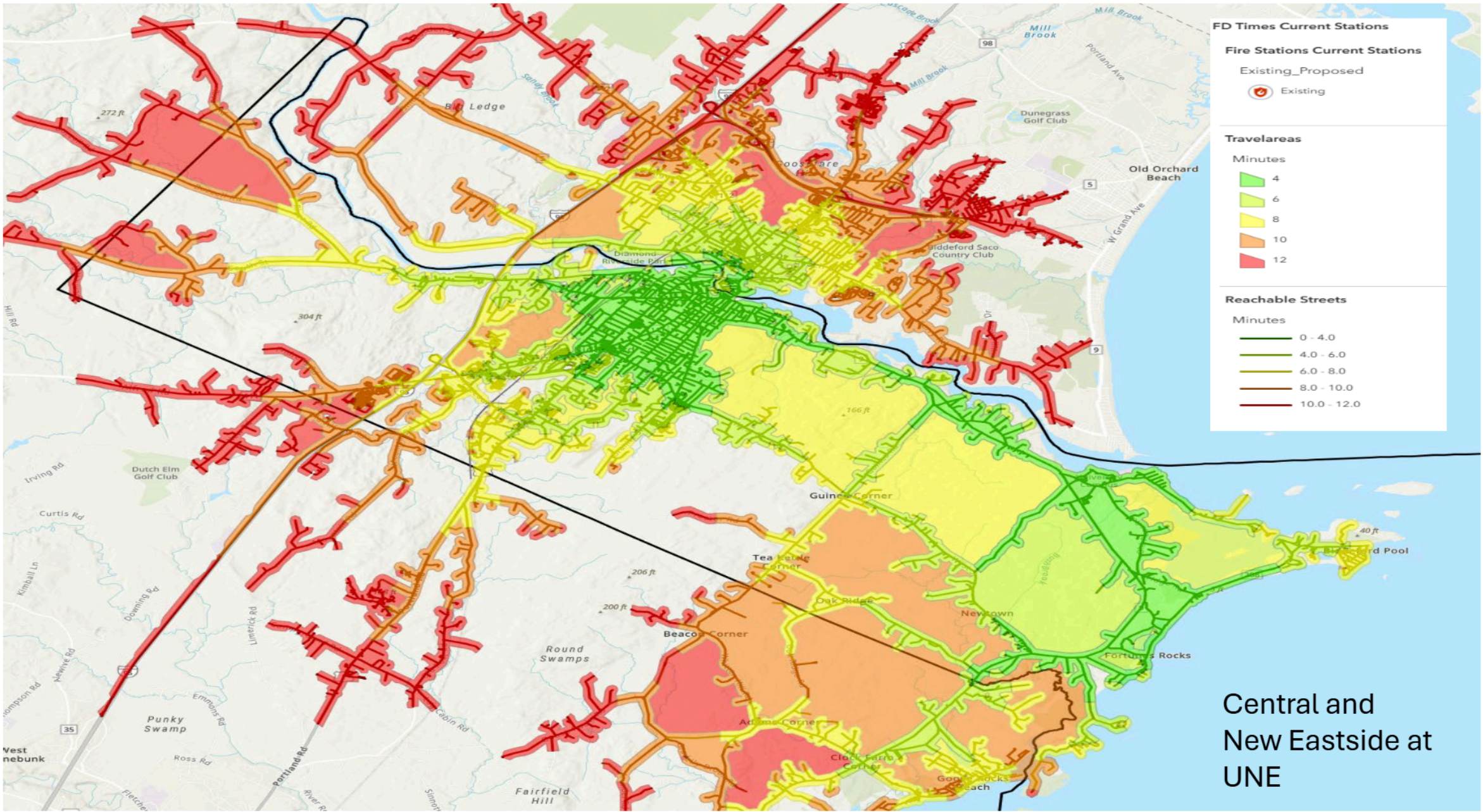


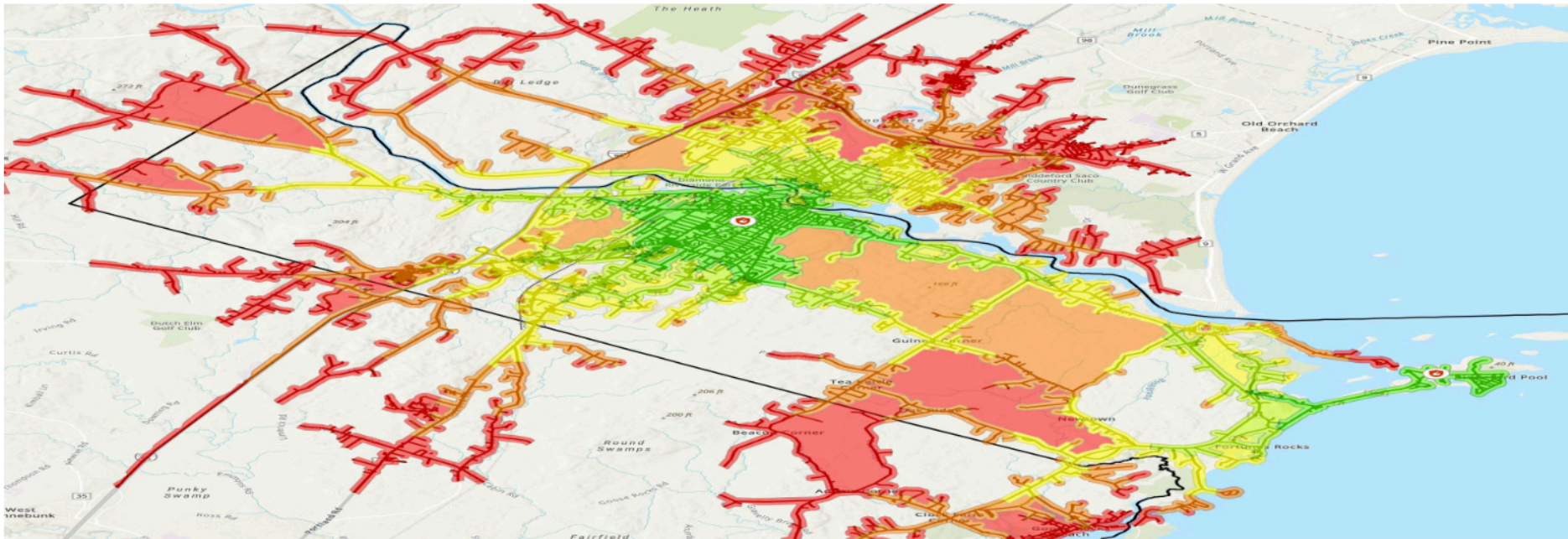
Reachable Streets

Minutes



Current Stations- Both Central and Station 2 Staffed





Current Stations- Both Central and Station 2 Staffed

FD Times Current Stations

Fire Stations Current Stations

Existing_Proposed

Existing

Travelareas

Minutes

4

6

8

10

12

Reachable Streets

Minutes

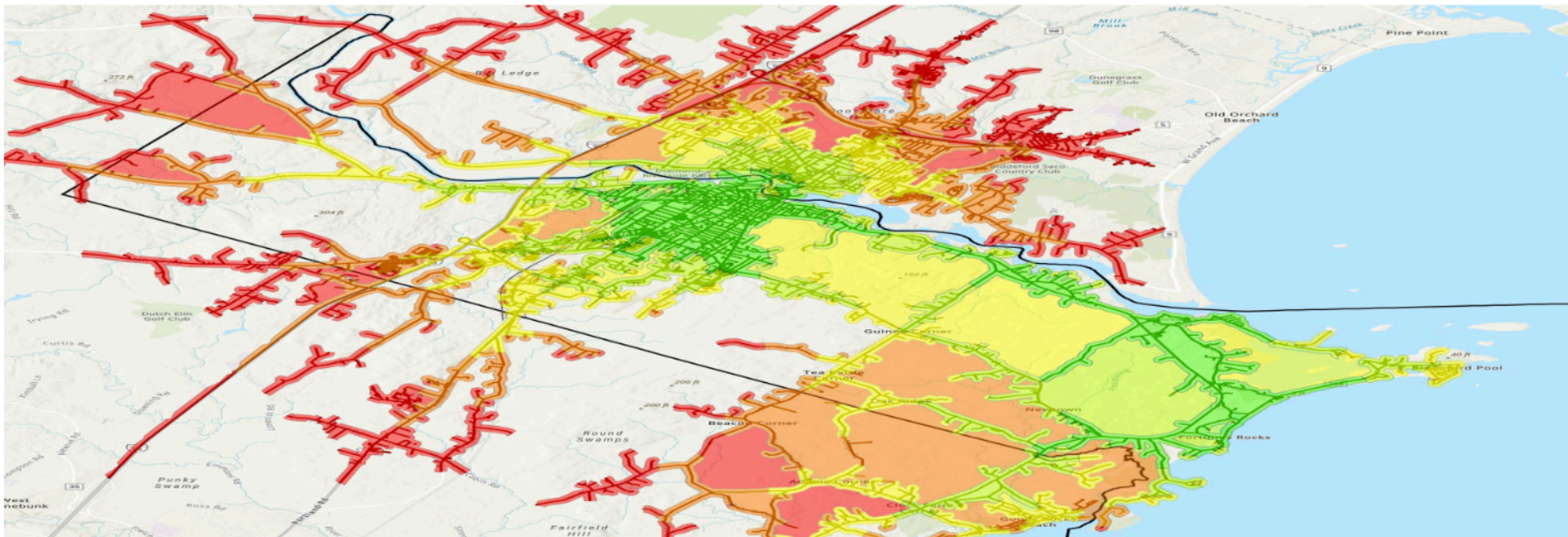
0 - 4.0

4.0 - 6.0

6.0 - 8.0

8.0 - 10.0

10.0 - 12.0



Central and New Eastside at UNE both Staffed

Flycatcher Wetlands and Vernal Pool Assessment



Flycatcher Wetlands and Vernal Pool Assessment



