

Town of Needham DPW Central Ave Storage Facility

Neighborhood Forum



September 17, 2018

Town of Needham
DPW Central Ave Storage Facility

Agenda

- Introduction – Need, Siting, Design
- What is proposed
- Design Measures Incorporated to Mitigate Impacts to Abutters
- Schedule
- Public Safety Communications Project
- Public Comments and Questions

Town of Needham

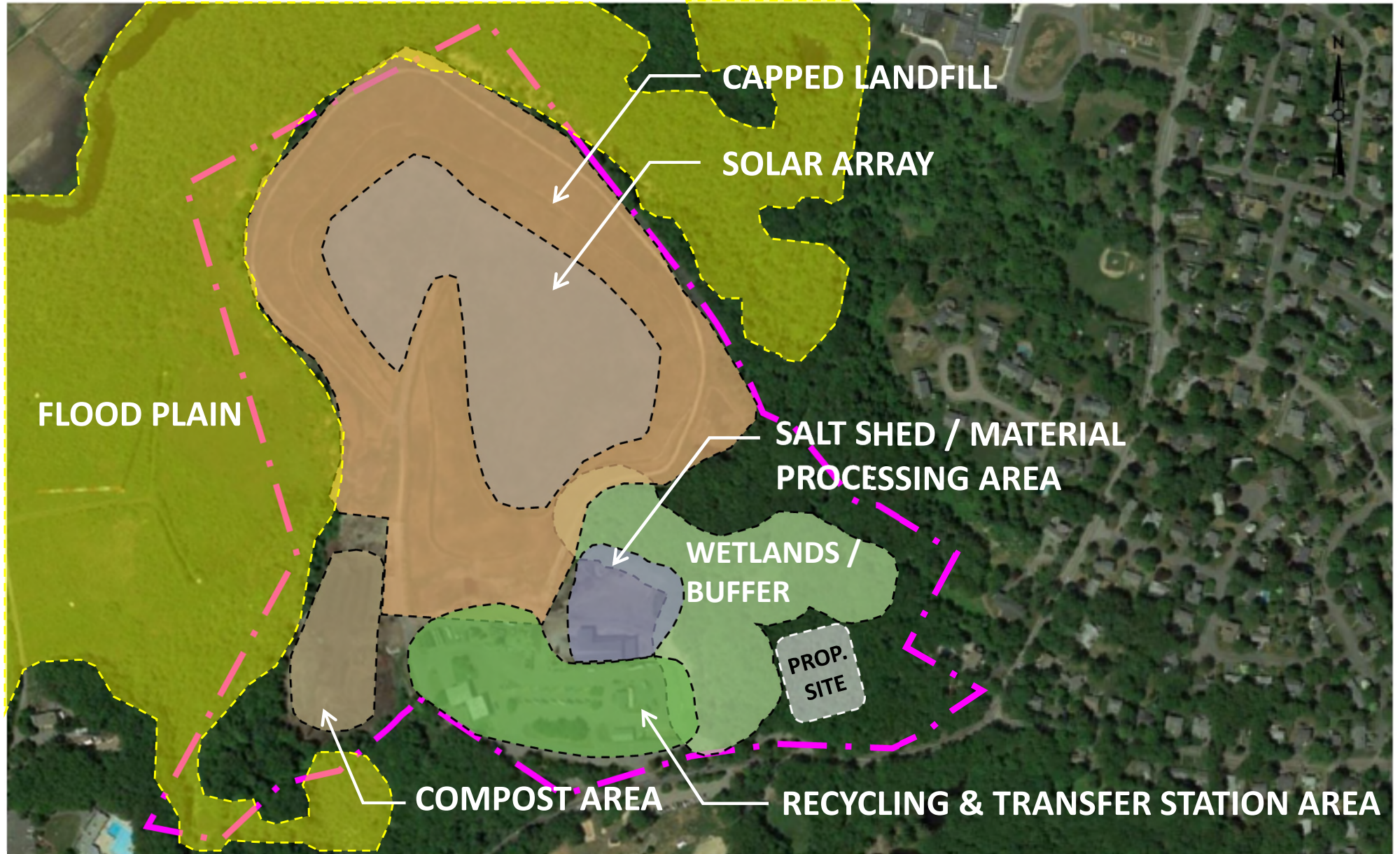
DPW Central Ave Storage Facility

Introduction of Project

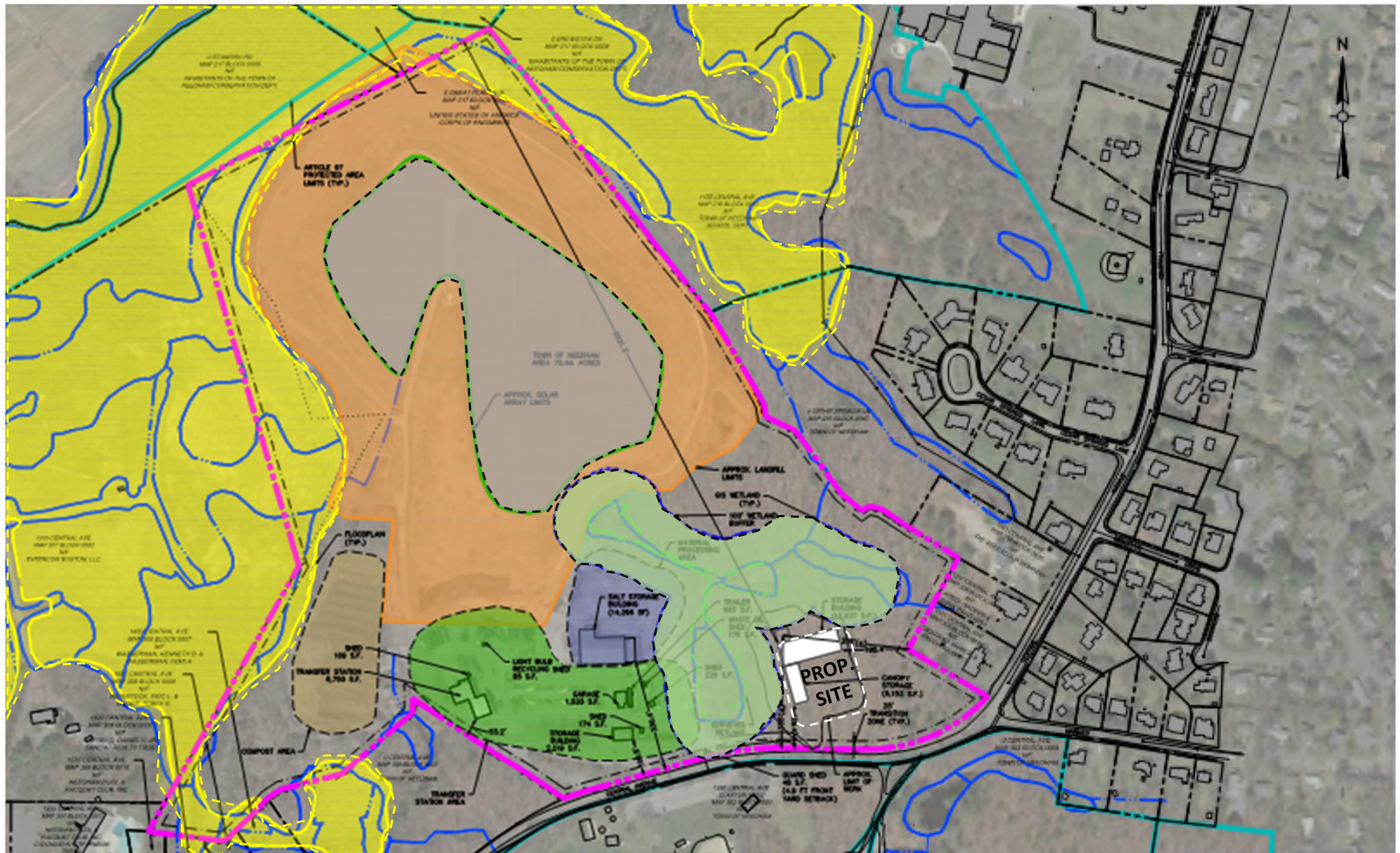
- The project is based on the results of the 2016 DPW Facility Feasibility Study
 - New main facility at the Dedham Ave property
 - Storage facility at Central Ave
- Facility is located at 1407 Central Ave
 - Adjacent to the recycling and transfer station
- The project consists of a storage facility
 - Off-season (not in use) DPW vehicles and equipment
- Facility consists of enclosed/covered storage
 - Protect the investment that the Town has made in this vital equipment
- The building is unoccupied
 - No staff will report to the building on a regular basis
- The building will be infrequently accessed
 - Access by DPW when equipment is rotated into service, needed for specialty projects, and/or requires periodic maintenance elsewhere



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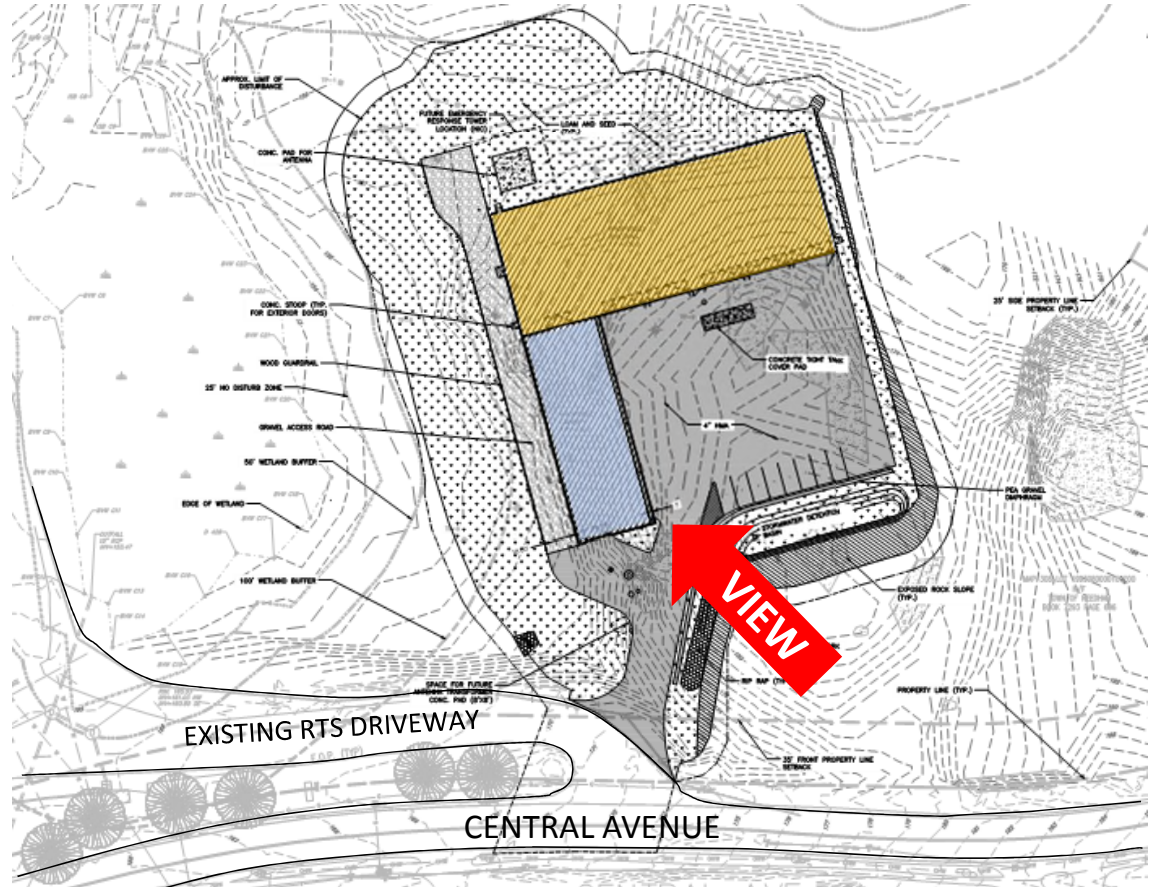
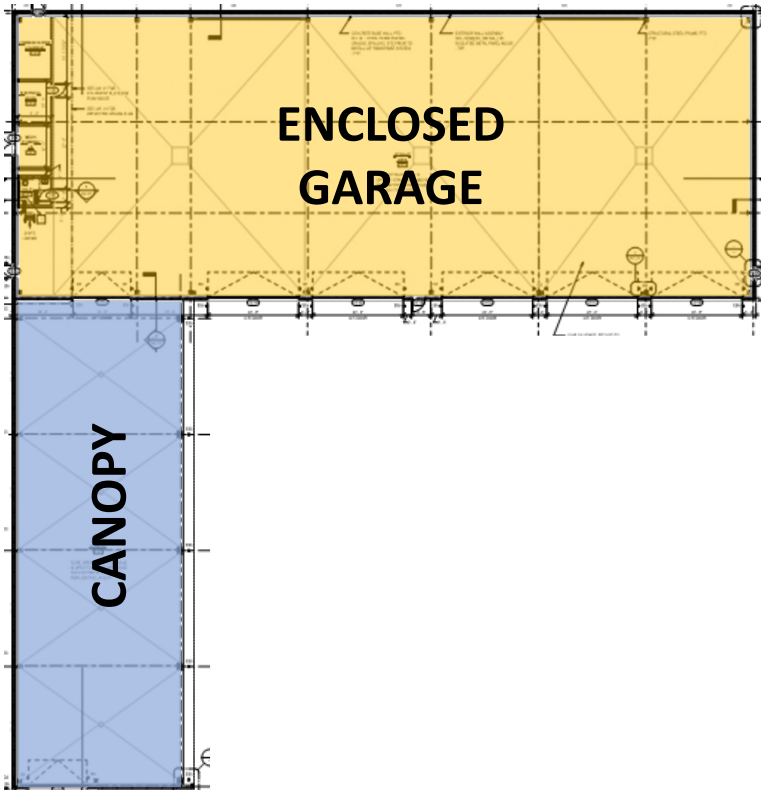
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What is Proposed

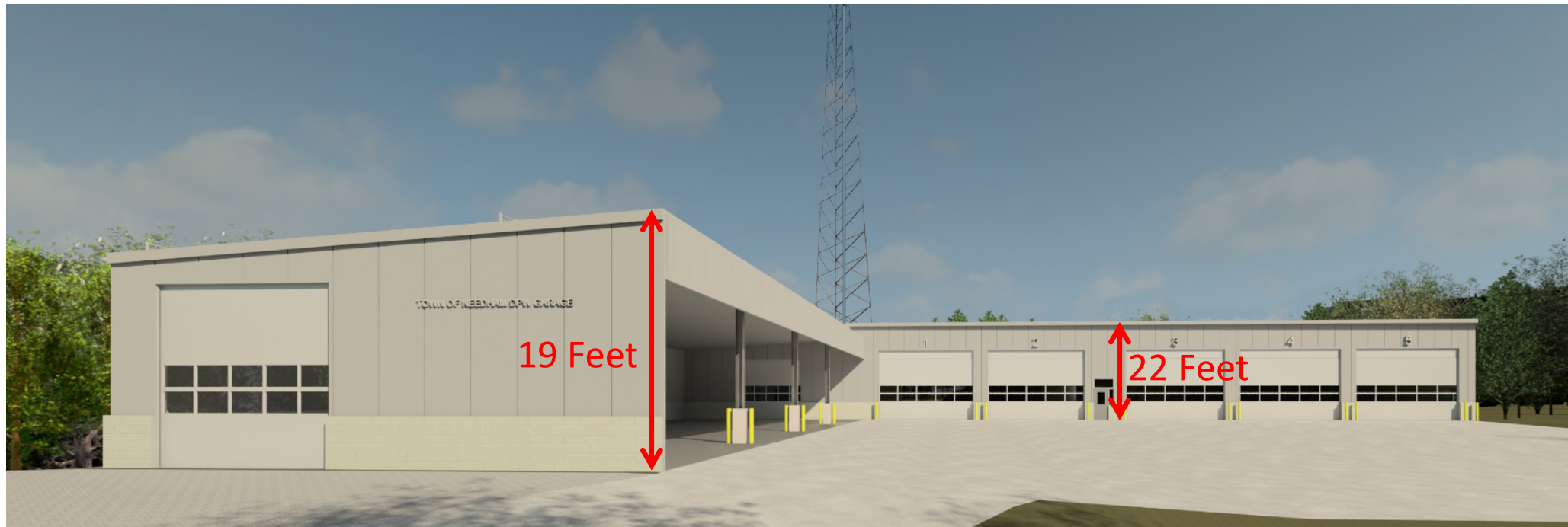
- The project consists of a 12,600 SF enclosed storage garage with a 5,192 SF canopy
- The site is accessed off of the RTS driveway via a secured driveway with a small paved yard area for vehicle circulation.



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What is Proposed

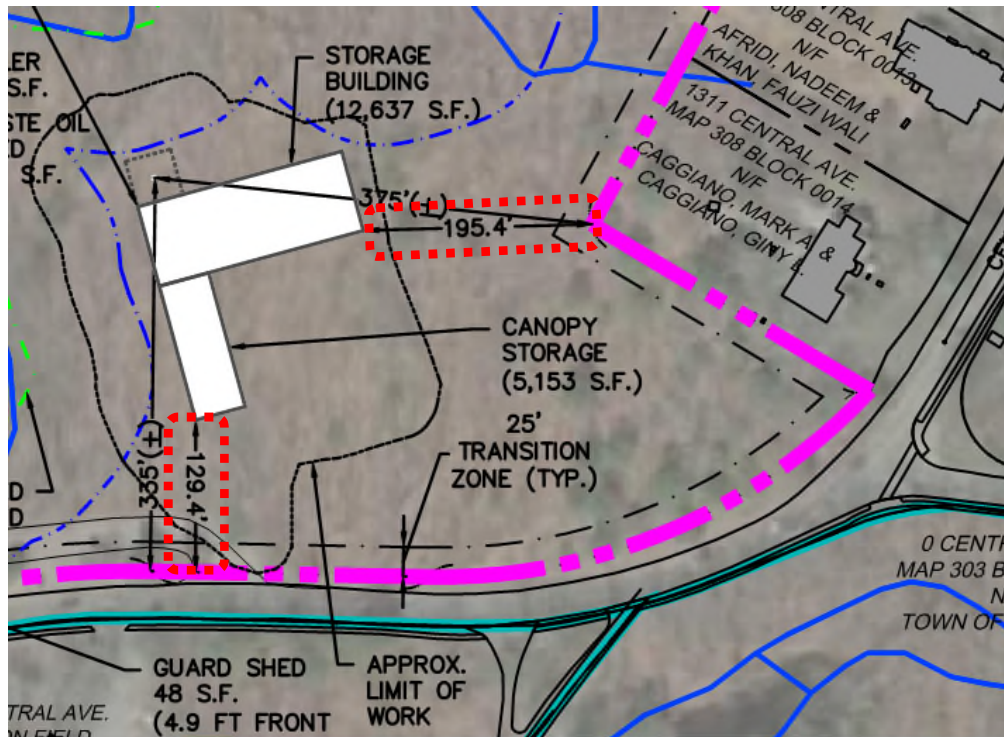
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Design Measures Incorporated to Mitigate Impacts to Abutters

- The building is located 129 feet from Central Avenue
- The building is more than 195 feet from the nearest residential property line
- The development maintains approximately 150' of natural vegetated buffer to the nearest residential property line
- The natural buffer along the driveway is being maintained / restored to shield the building



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Design Measures Incorporated to Mitigate Impacts to Abutters



View from Central Avenue

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Design Measures Incorporated to Mitigate Impacts to Abutters



View from RTS driveway

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Design Measures Incorporated to Mitigate Impacts to Abutters

- No roof top mechanical units to limit noise generation from the facility
- Vehicles will be stored inside to mitigate noise associated with starting of vehicles during vehicle/equipment rotation
- No exterior pole mounted lights are proposed (only building mounted cutoff security lighting) to mitigate light pollution

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Schedule

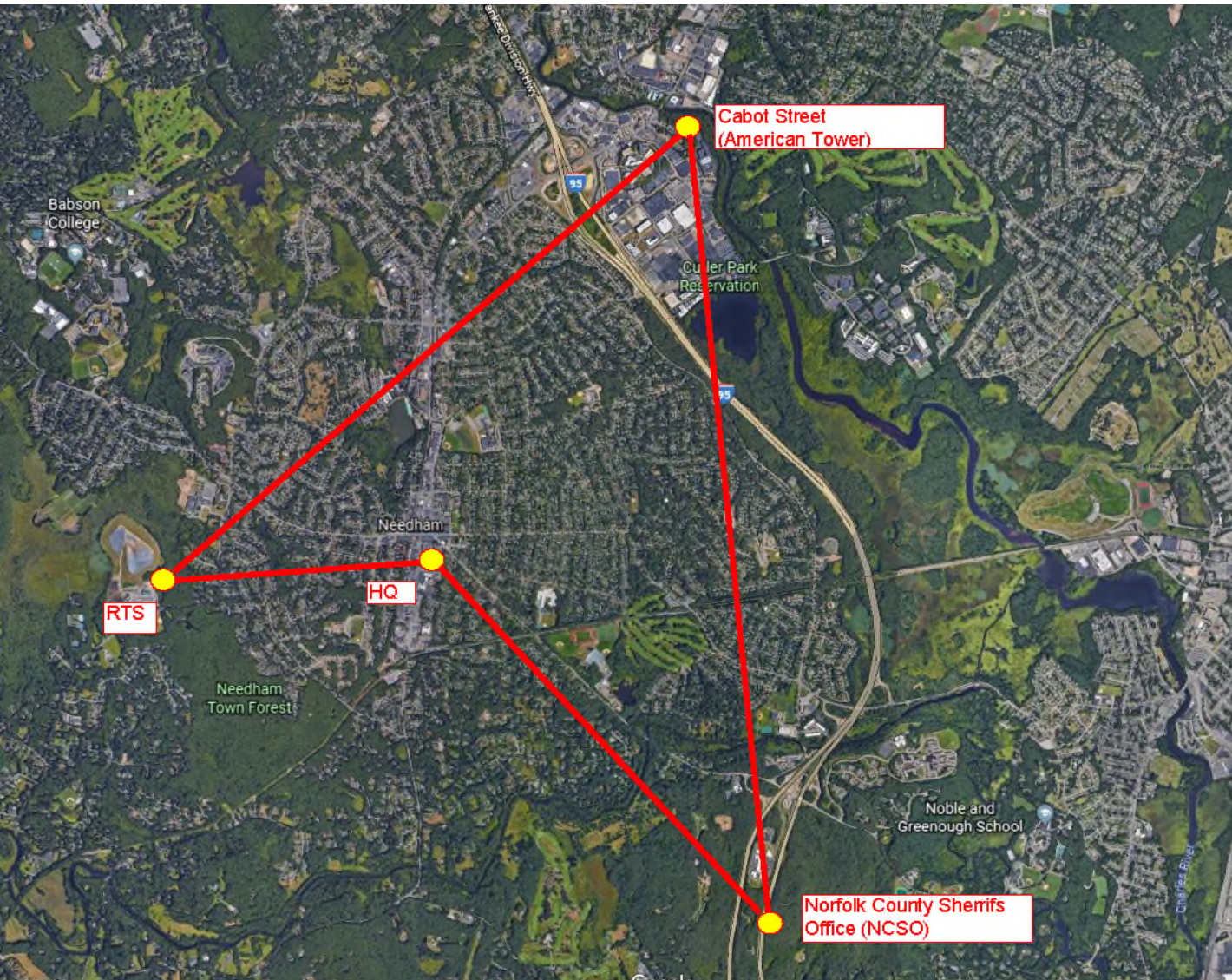
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Communications Network

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

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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

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RTS

- 199 foot tower located in telecommunications overlay district
- Back edge of the tower pad is approximately 350 feet from Central Avenue
- Other communications structures in the area range from 195 to 650 feet
- 2 microwave and multiple whip antennas
- Cost savings (approximately \$600,000) to the tax payers for the Public Safety Project by constructing it adjacent to DPW Central Avenue Storage Building

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RTS – Proposed Tower Location



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Public Comment & Questions