

# Downtown Traffic Improvements



Coordinator

Board of Selectmen Presentation  
March 26, 2019



# Project Overview

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- Project extends from Monk Street, through the Square to the Sumner Street intersection.
- Geometric & pedestrian safety improvements to Monk St/Washington Street Intersection
- North & South Square signals being upgraded with Video Detection
- Southern Square Island re-constructed to provide dedicated left turn lane, permanent Landscape beds, and cobblestone areas.
- Northern Square Island re-constructed to provide permanent Landscape beds, additional landscaping and cobblestone areas.
- Compliant accessible ramps being constructed in all locations.



# Project Overview (cont.)

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- Public Parking Lot in Square being enhanced with curbing and landscaping.
- Walnut Street/ Park Street Intersection Signalized (Video Detection)
- Curbing and sidewalks being re-constructed in various sections of the Corridor
- New cross-walks being constructed in all locations
- Entire Corridor (Monk to Sumner) – being repaved, striped and signed
- Bicycle Accommodations - Sharrows, Bike Lanes
- Sumner Street Intersection Improvements
  - Geometric layout improvements – standard T-Intersection
  - Pedestrian Safety Improvements (cross walks, islands, etc.)



# Project Overview (cont.)



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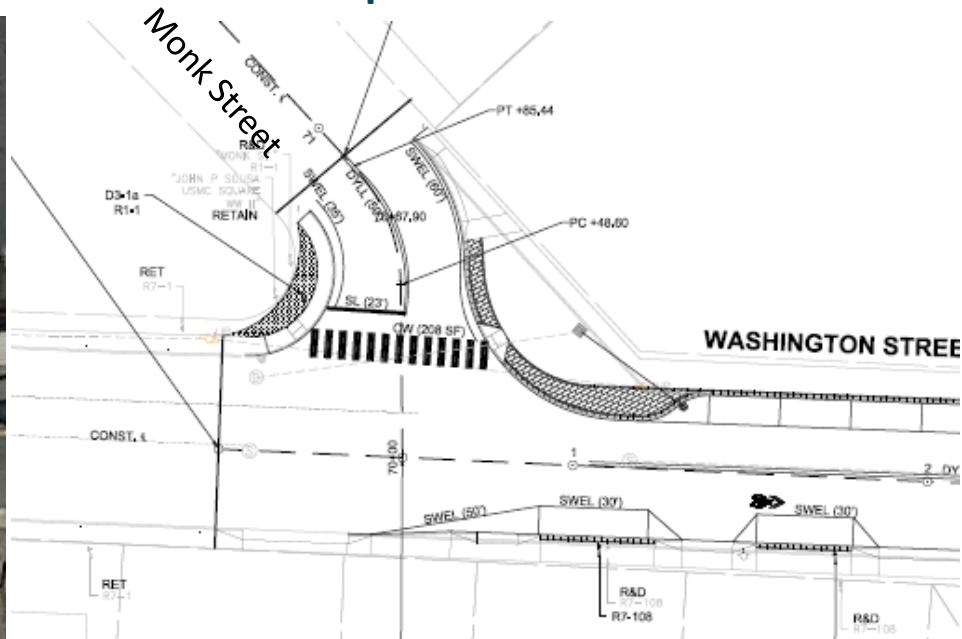
# Monk Street/ Washington Street Intersection

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## Existing Conditions



## Proposed Conditions

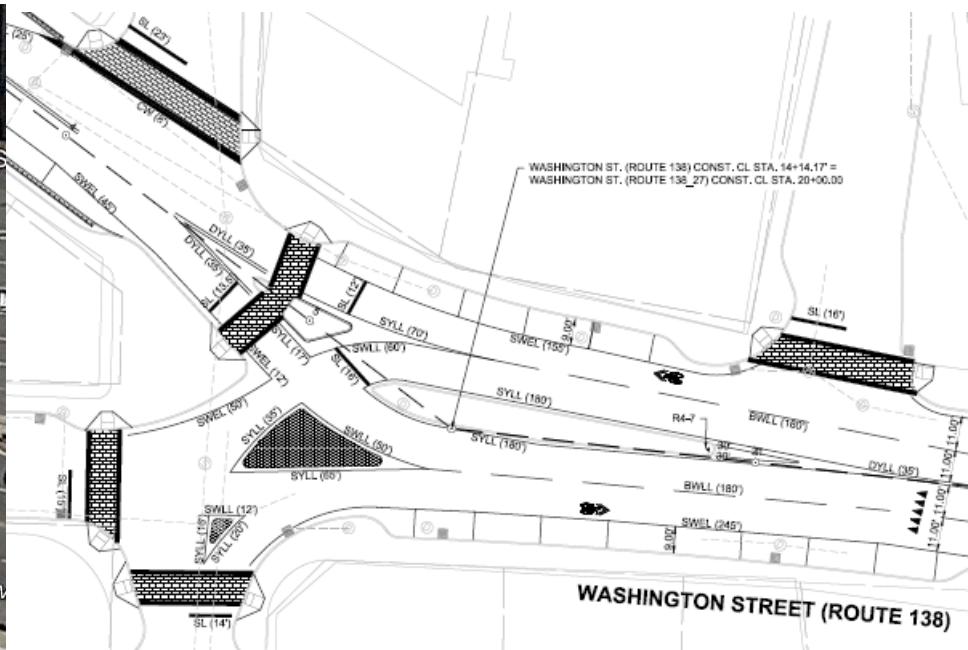


# Square Improvements - North

## Existing Conditions



## Proposed Conditions



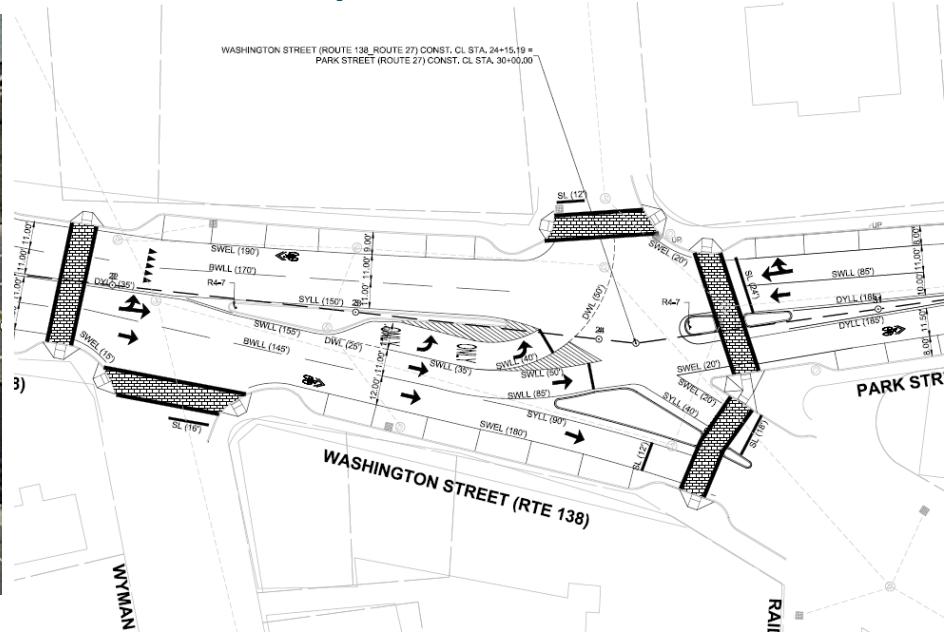
# Square Improvements - South

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## Existing Conditions



## Proposed Conditions



# Square Improvements - North/South Islands

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## Example - Randolph, MA



# Square Improvements – North Island Tree Plantings <sup>11</sup>

**Existing – Improperly Planted**



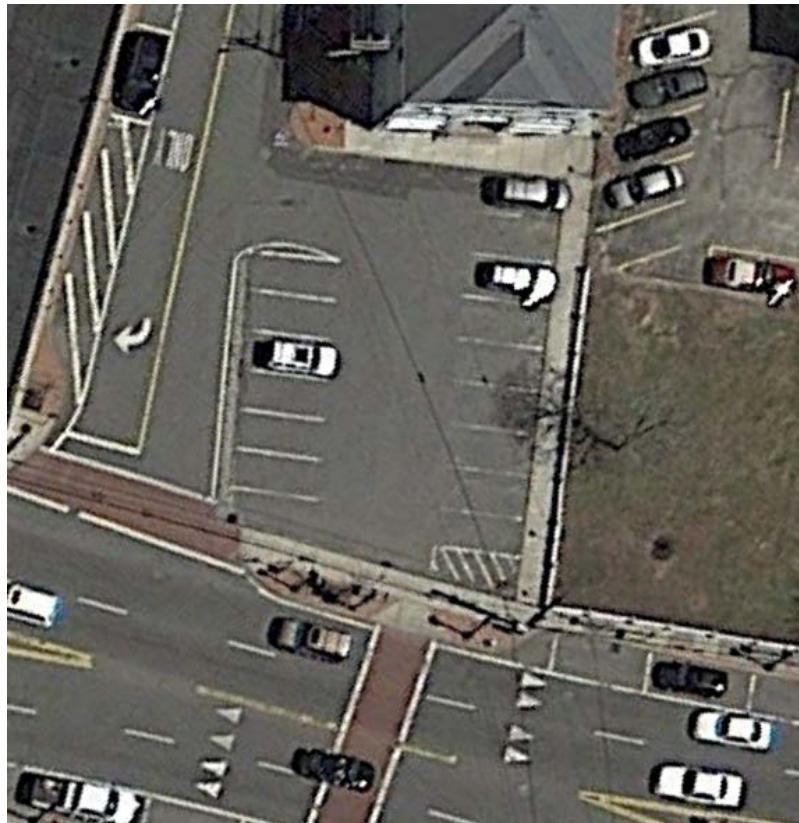
**Properly Planted - Healthy, Flourishing**



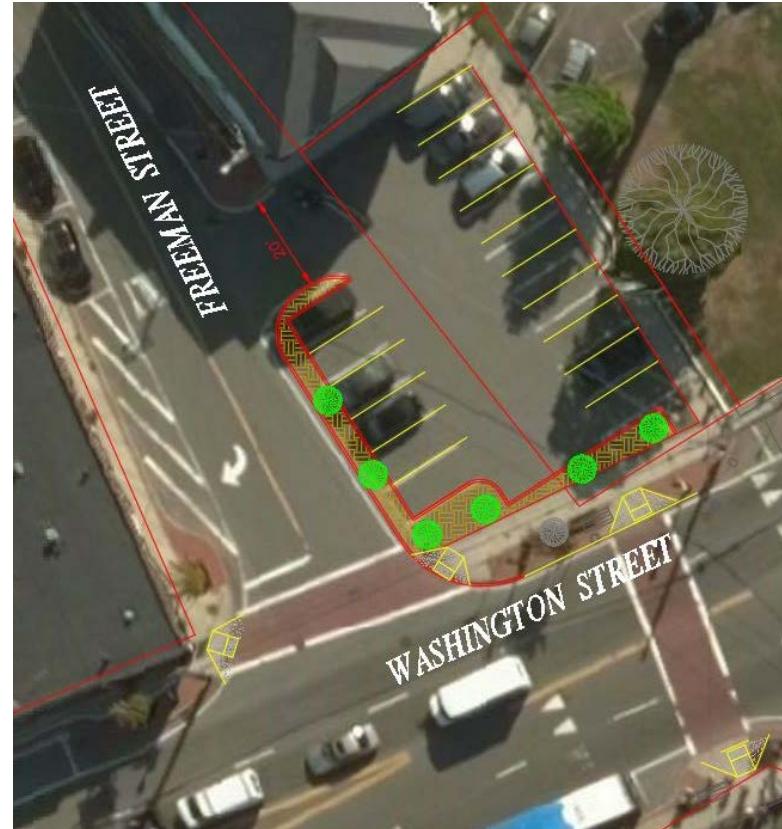
# Square Improvements – Freeman St. Public Parking Lot

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**Existing Conditions**



**Proposed Conditions**



# Downtown Improvements - Crosswalks

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## Standard Crosswalk – Continental Style (Outside Downtown Area)



## Typical Crosswalk Treatment (Downtown Areas)



# Downtown Improvements - Crosswalks

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## Typical Crosswalk Treatment (Downtown Areas)



# Downtown Improvements - Sidewalks

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## Typical Sidewalk Treatment (Downtown Areas)

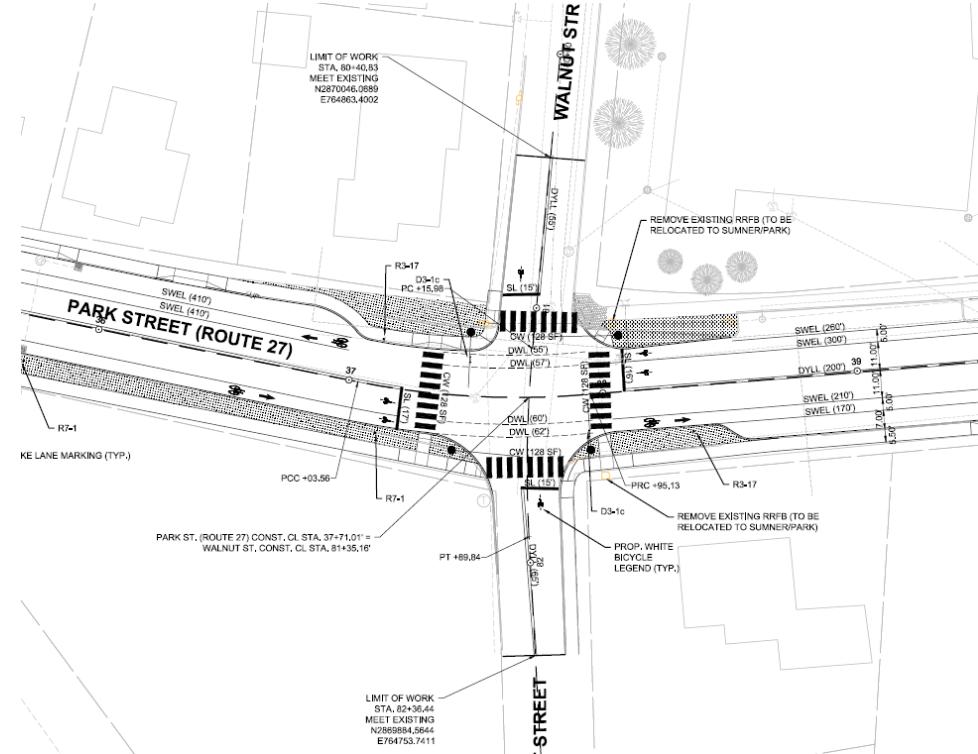


# Walnut/ Park Street Intersection - Signalization

## Existing Conditions



## Proposed Conditions



# Sumner Street/ Park Street Intersection

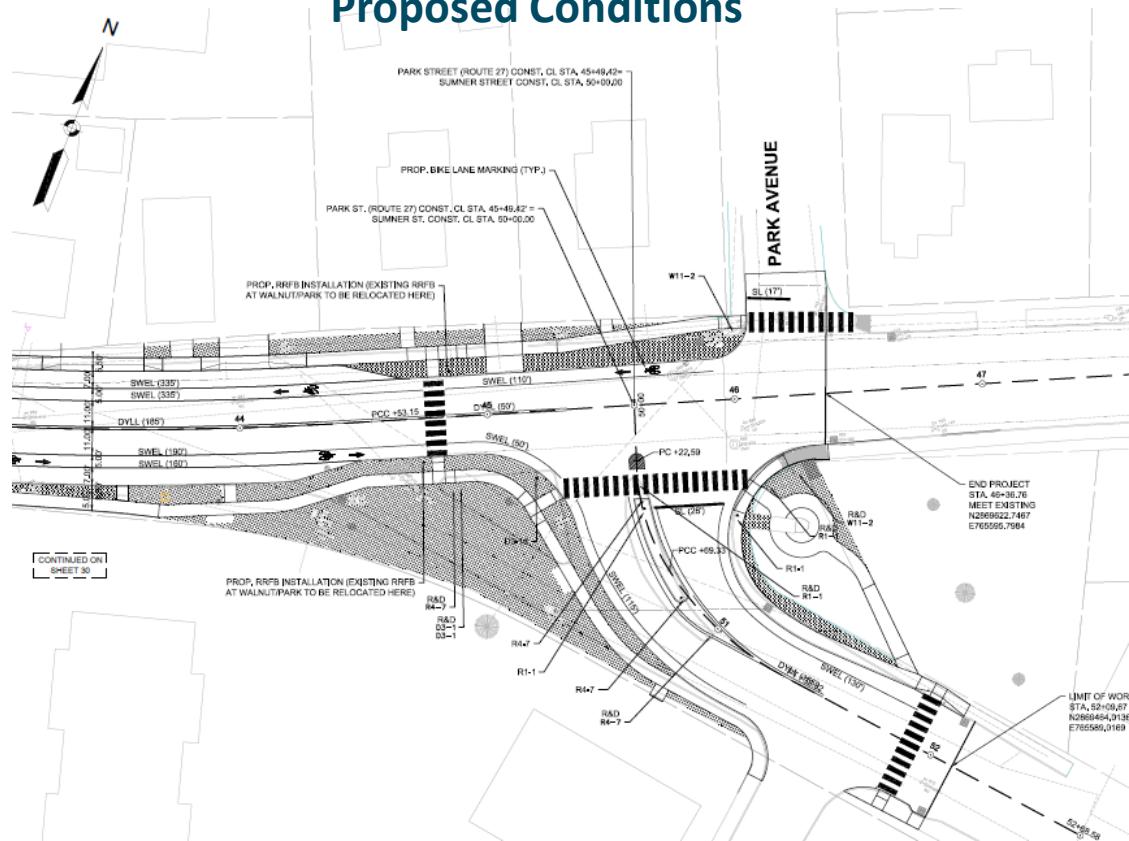
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## Existing Conditions



# Sumner Street/ Park Street Intersection

## Proposed Conditions



# Sumner Street/ Park Street Intersection

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## Proposed Conditions



# Questions?

