



Mass Ave/Appleton Street Safety + Accessibility Corridor Project

Project Status Update

August 2023

CONTENTS

- Project Scope
- Engagement to Date
 - Design Goals
- Working Draft Concept + Alternatives
- Next Steps



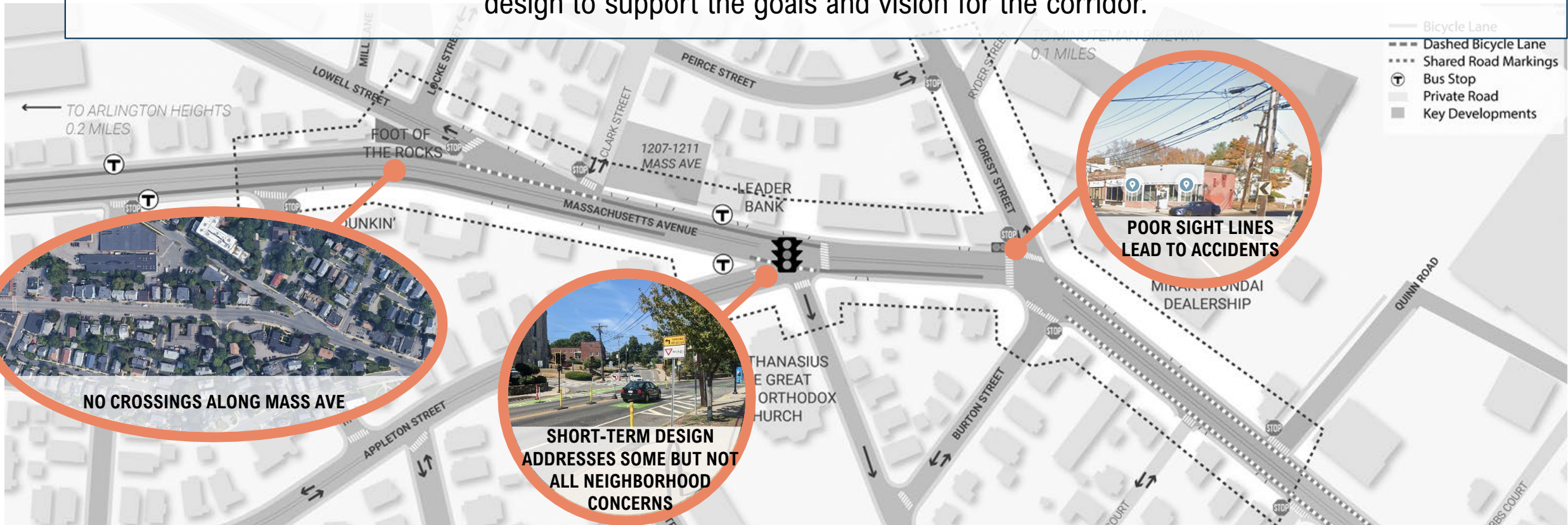
USER CORRIDOR EXPERIENCE

Corridor is disjointed from broader Mass Ave experience



CORRIDOR CHALLENGES

Understanding the challenges the corridor faces as an **activity center**, and the opportunity to **protect users, support activity and growth, integrate with local amenities, and encourage positive culture**, concept development pushed the design to support the goals and vision for the corridor.



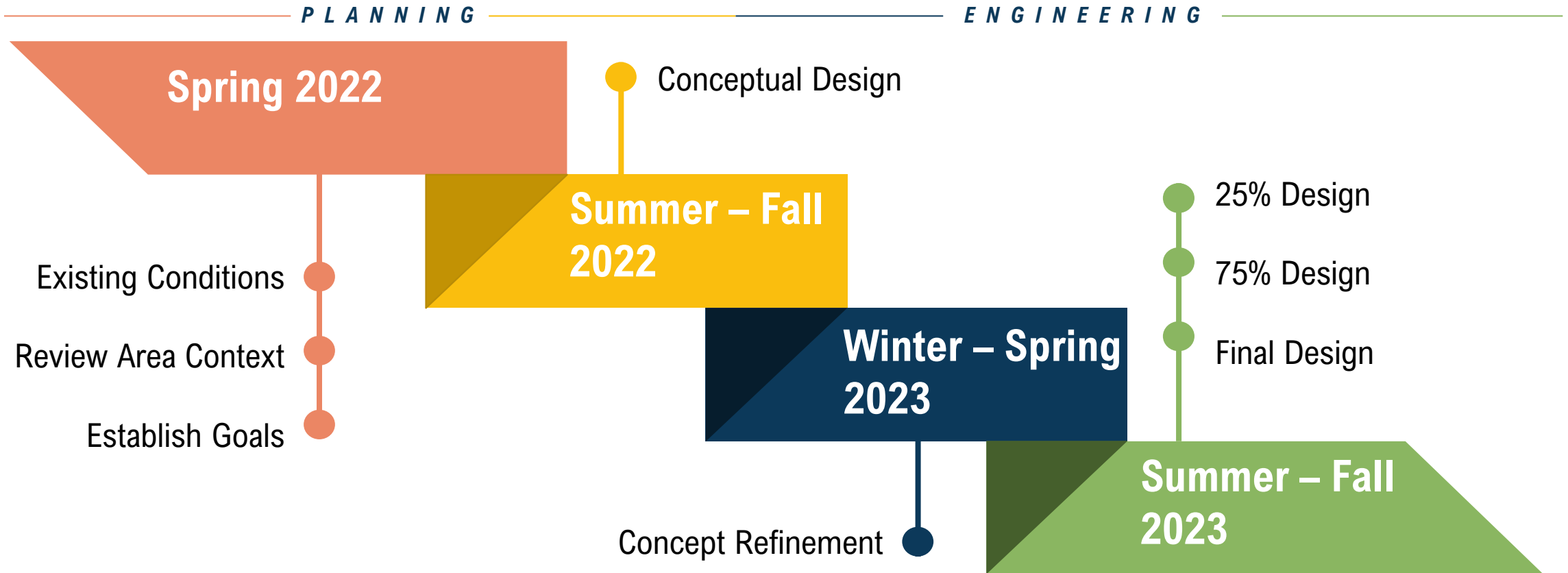
PROJECT CORRIDOR



The Mass Ave/Appleton Street Safety + Accessibility Corridor Project will look at the intersection in context of a greater study area



STUDY PROCESS



INTENT TO APPLY FOR MASSWORKS FUNDING IN SPRING 2024



PROJECT GOALS

SAFE FOR ALL

PROTECT ALL ROADWAY USERS

- **Reduce vehicle speeds** along the corridor
- **Increase visibility** at intersections
- Prioritize **safe travel for all ages**
- **Simplify navigation**

MAKE THIS A “PLACE”

INTEGRATE CORRIDOR WITH LOCAL AMENITIES

- **Foster a sense of place** along Mass Ave
- **Support connections** between the neighborhood and the Minuteman Bikeway
- Position the neighborhood as **reachable by foot, bike, or bus for local residents and visitors from elsewhere**

PROVIDE FOR LOCAL ACCESS

SUPPORT CORRIDOR ACTIVITY + GROWTH

- **Create dedicated, accessible space** for all people, regardless of mode choice
- **Maintain access** for customers + loading activities
- **Work collaboratively** with residents, business owners, + other stakeholders
- Allow user groups to **meet their individual travel needs** (school, church, neighborhood access, etc.)

BE RESILIENT

ENCOURAGE RESILIENCY THROUGH DESIGN

- **Reduce conflict risk between bicyclists and other users** through progressive design
- **Position transit competitively** with driving
- **Accommodate walking** by understanding where pedestrians want to go
- Utilize **green infrastructure** for enhanced place making where able



CONCEPT REVIEW

OCTOBER 2022 PUBLIC MEETING



Support for

- traffic lights with left-turn lanes
- protected bicycle lanes
- new crosswalks
- retaining parking where needed

Needs more information regarding

- signal operations
- bicycle navigation
- crosswalk locations
- parking reductions



REPURPOSE SIDEWALK SPACE

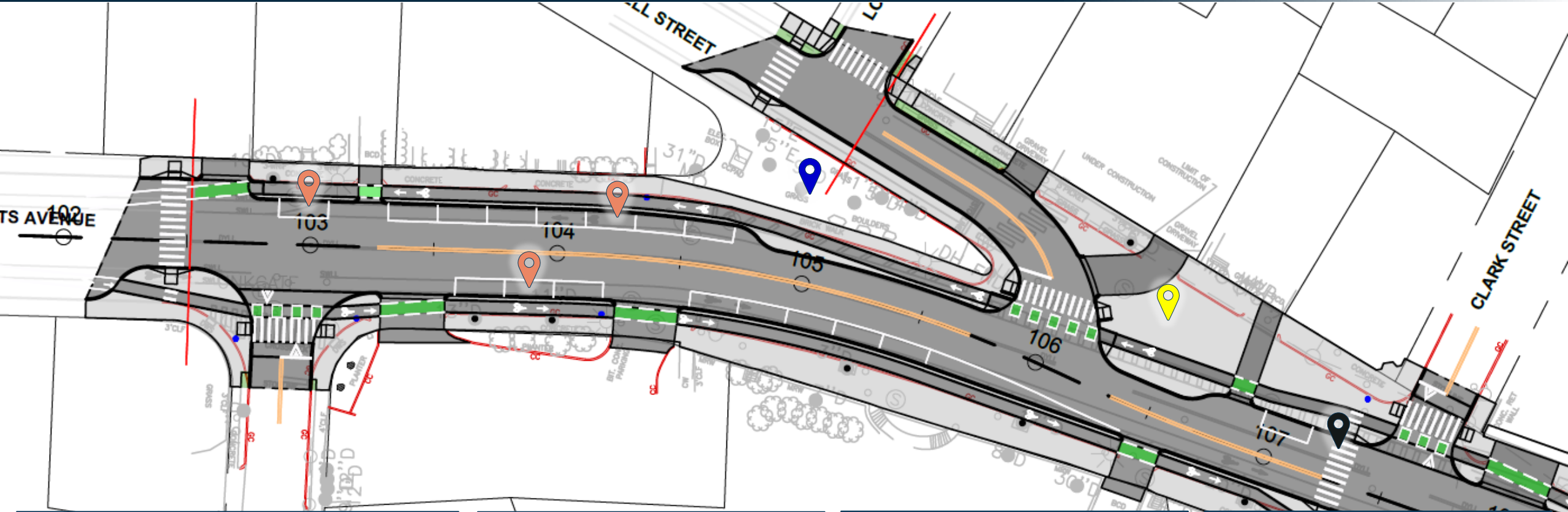


Conceptual Rendering of sidewalk

- Create a **separated bicycle facility**
- **Retain parking on north curb** for local businesses
- **Create left-turn lanes**
- **Retain** street trees where possible



FINAL CONCEPT



Provide for Local Access

Parking preserved for local businesses and residential building

Make this a "Place"

Foot of the Rocks connected with design

Safe for All

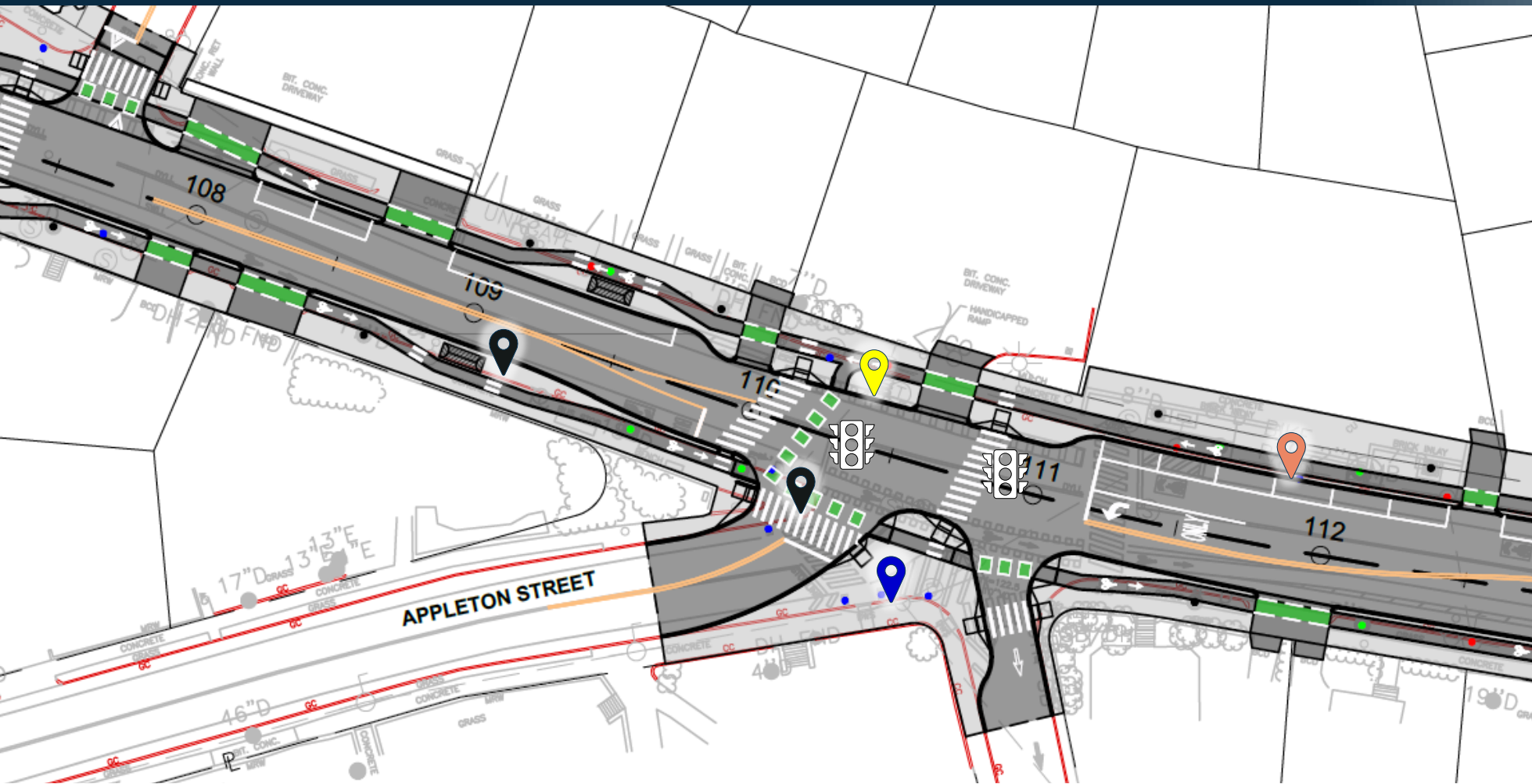
Realign Lowell Street (creating space for pedestrians and reducing turning speeds)

Be Resilient

New crossings at Clark and Richardson connect parking and businesses on northern curb



FINAL CONCEPT



Be Resilient
Bus stop designed in accordance with MassDOT + MBTA guidance

Make this a "Place" + Be Resilient
New Spaces

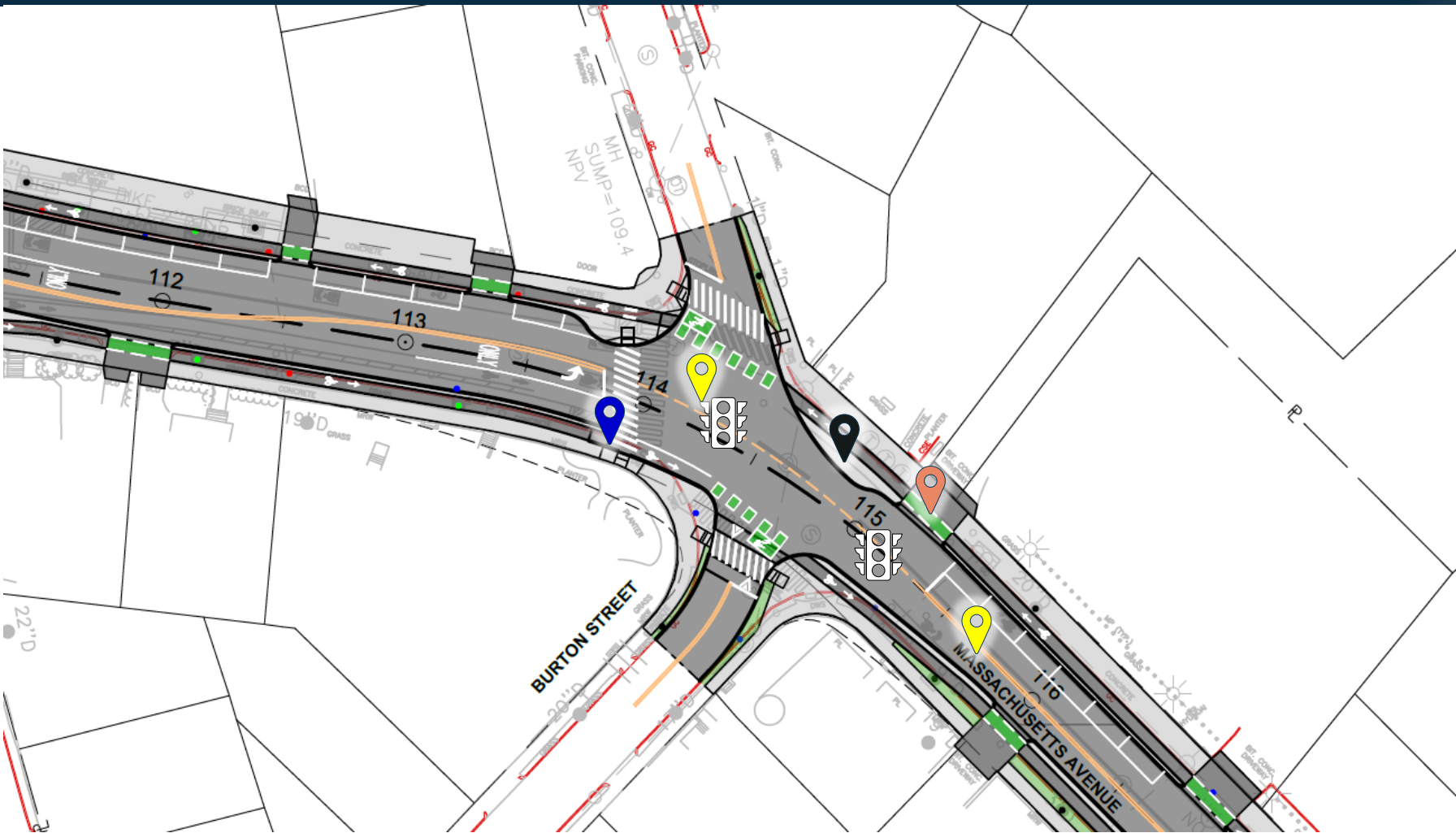
Safe for All
Traffic Signal to simplify intersection

Provide for Local Access
All parking on northern side of Mass Ave between Forest and Appleton preserved, informed by business discussions and parking study

Be Resilient
Protected Bicycle Lanes and crossings



FINAL CONCEPT



Safe for All
Signal at Forest Street and
Burton Street



Make this a "Place"
Bicycle connection to
Minuteman Bikeway



Be Resilient
Bumpouts to shorten
pedestrian crossings and slow
vehicles



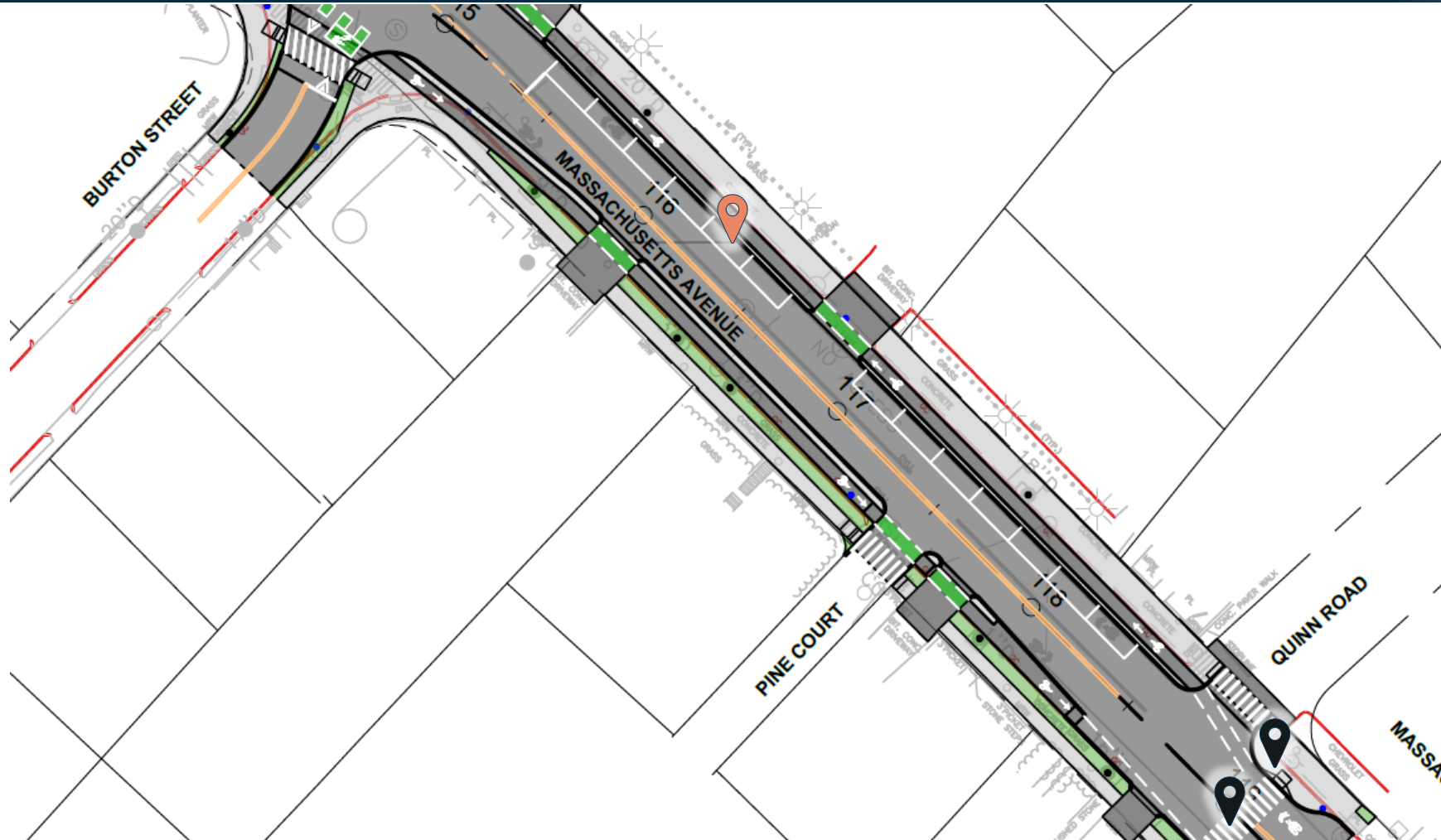
Safe for All
Increase visibility of corridor




Provide for Local Access
Incorporate Driveway into
Signal




FINAL CONCEPT



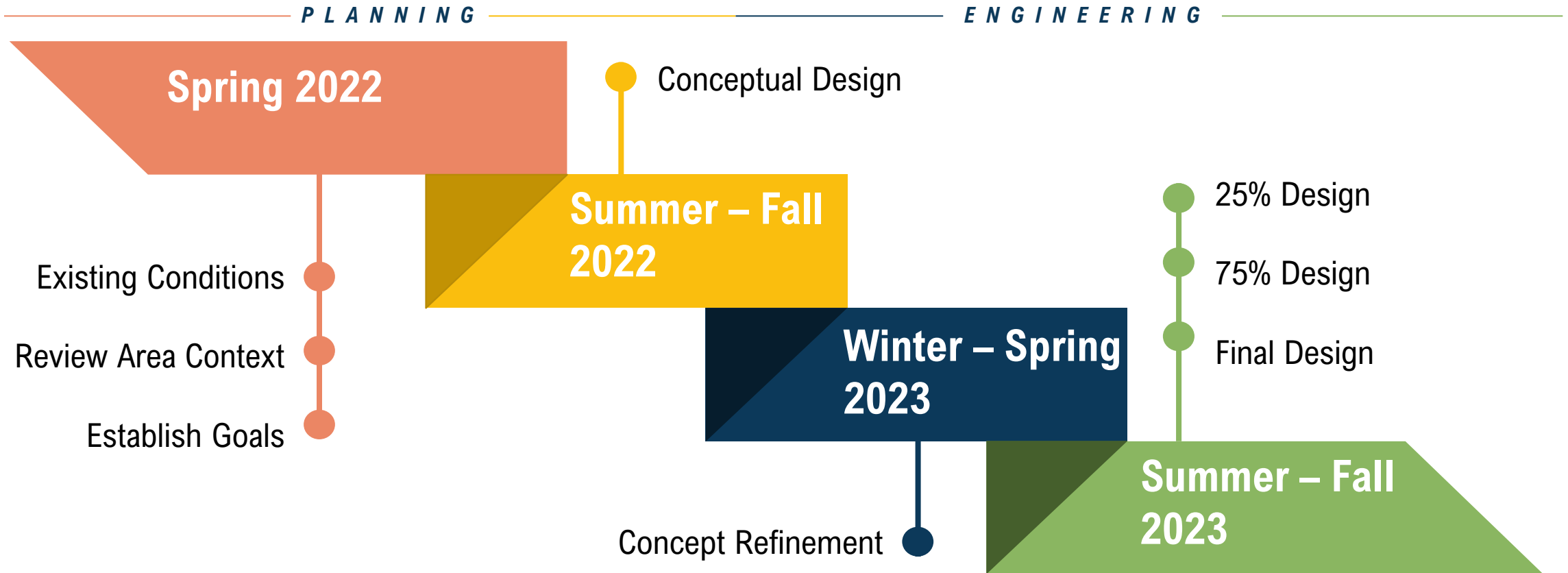
 **Provide for Local Access**
Preserve Parking

 **Be Resilient**
New crosswalk at Quinn Road

 **Be Resilient**
Bumpouts to shorten
pedestrian crossings and slow
vehicles



STUDY PROCESS



INTENT TO APPLY FOR MASSWORKS FUNDING IN SPRING 2024



MASSWORKS 2023 APPLICATION

Application for full construction funding requires:

- Expression of Interest*
- Final Engineered Plans (including landscaping plans)*
- Letter of Support from Town Select Board*
- Estimate of Probable Cost*
- Specifications and Special Provisions*
- Additional Permitting if Necessary*

