

Dudley Square Complete Streets Project 2019

Implementing Phase I & Completing Design for Phase II





B

**It's been a long and winding road
but now...**

We are ready to begin construction of a key segment!

Mayor Martin J. Walsh

How Did We Get Here?

Stops and Starts Along the Way but Progress Nonetheless



- **Dudley Vision & Dudley Vision Task Force - 2007**
- **Dudley Square Transportation Action Plan - 2011**
- **Dudley Square Complete Streets Design Contract - 2012**
- **Preliminary Design - 2013**
- **25% Design and Coordination with the Bolling Bldg - 2013**
- **MBTA Transit Study - 2014**
- **Renew Design Contract - 2016**
- **Dudley Library & Plan Dudley Coordination - 2017**
- **Accelerated Phase I Final Design w/ Dudley Library - 2018**
- **Phase I Construction Contract - 2019**
- **Phase II 75% Design - 2019**



2013 Public Outreach

Recent Community Engagement



- **Briefing for Roxbury in Motion & MPDC – Feb 2019**
- **Area Stakeholders Meeting at B-2 – Aug 2018**
- **Roxbury Open House Presentation– April 2018**
- **Plan: Dudley Urban Design Workshop – Nov 2017**
- **RSMPOC Meetings – Periodic updates**



Project Purpose

Guiding Principles and Goals – What We Heard in the Community



- **Make SAFER for ALL USERS especially Pedestrians, Seniors and Disabled**
- **“Fix” Traffic Congestion issues for Motorists AND Transit Riders alike**
- **Add Bike Facilities**
- **Make It Greener**
- **Limit Impact to On-street parking**



Dudley Street Rendering

- **Limits Of Work**

- *Southern edge of Dudley Street from Washington to Warren and Kearsage*
- *Portion of the Intersection of Dudley Street & Washington Street*
- *Complete Intersection of Dudley Street & Warren Street*
- *Major piece of the Intersection of Warren Street & Harrison Ave*

- **What Gets Built**

- *New sidewalks, pedestrian ramps, protected corners, crosswalks*
- *New traffic and pedestrian signals and equipment*
- *A grade separated cycle track*
- *New street trees, planting beds, green infrastructure and drainage system*
- *A new plaza and pedestrian orientation for the renovated Dudley Library*
- *All new streetlights and electrical system*
- *All new signage, pavement markings, and roadway resurfacing*

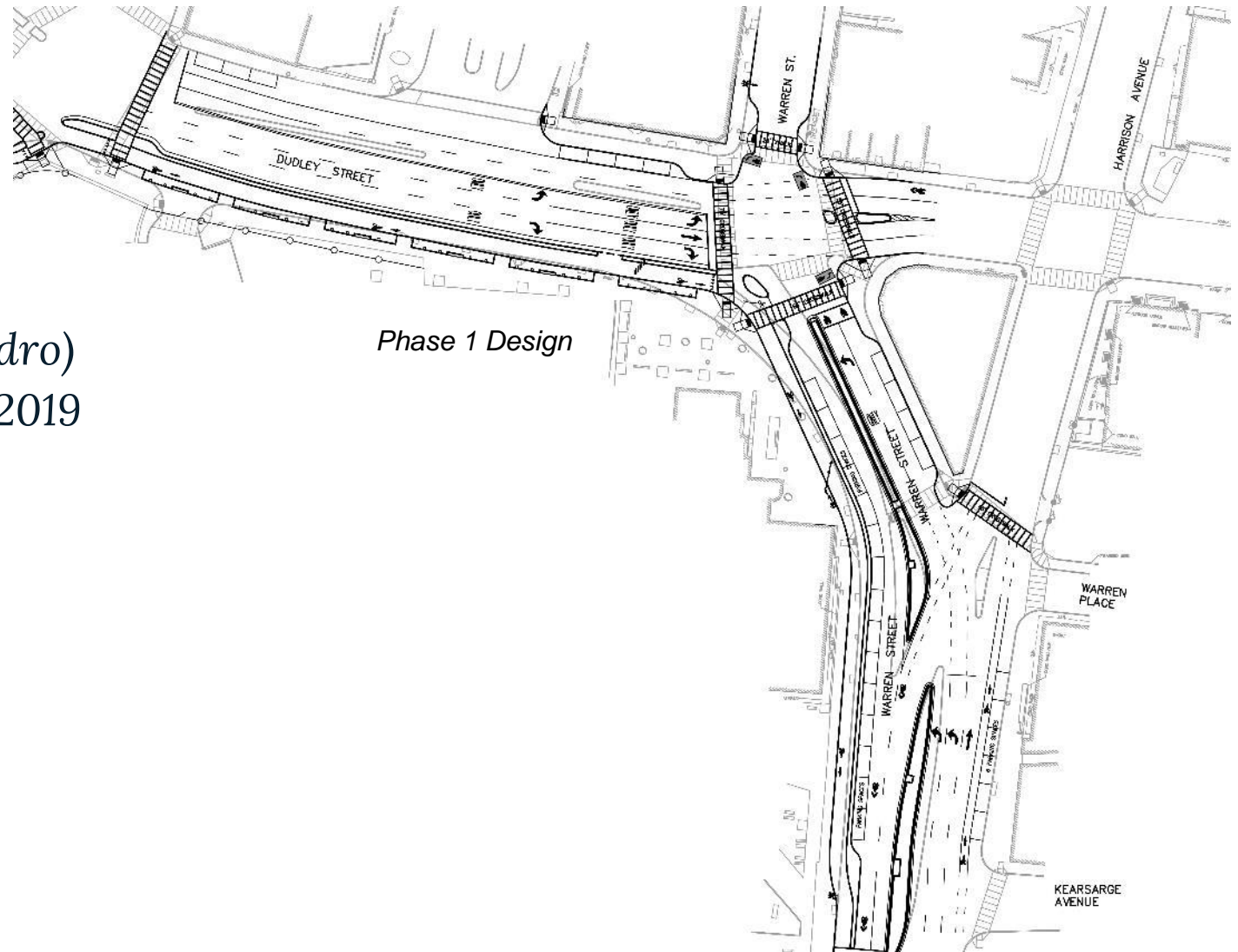
Phase I Scope and Schedule

Dudley to Warren



- **Capital Expenditure and Timeline for Phase I**

- *Over \$5 mil in City funding for Construction*
- *Break ground this April (D'Allessandro)*
- *Substantial Completion November 2019 to match Library completion date*



Phase II Scope and Schedule

Dudley Street, Washington Street, Warren Street to Ruggles Street



• Limits Of Work

- Northern edge of Dudley Street from Washington Street to Harrison Ave
- Intersection of Malcolm X Blvd & Shawmut Ave
- Balance of the intersection of Dudley Street & Washington Street
- Intersection of Dudley Street & Harrison Ave
- All crossings, intersections, streetscape along Washington Street to Ruggles Street
- All crossing, intersections, streetscape along Warren Street to Ruggles Street
- Balance of the intersection of Warren Street & Harrison Ave

• What Gets Built

- All the Same Improvements we include in Phase I as well as...
- Rapid Flash Beacons at selected crossings
- Dedicated Bike lanes on Washington Street and Warren Street
- A Raised Island at Washington & Warren for future planting
- Potential Parking Meter System



Rapid Flashing Beacon in East Boston

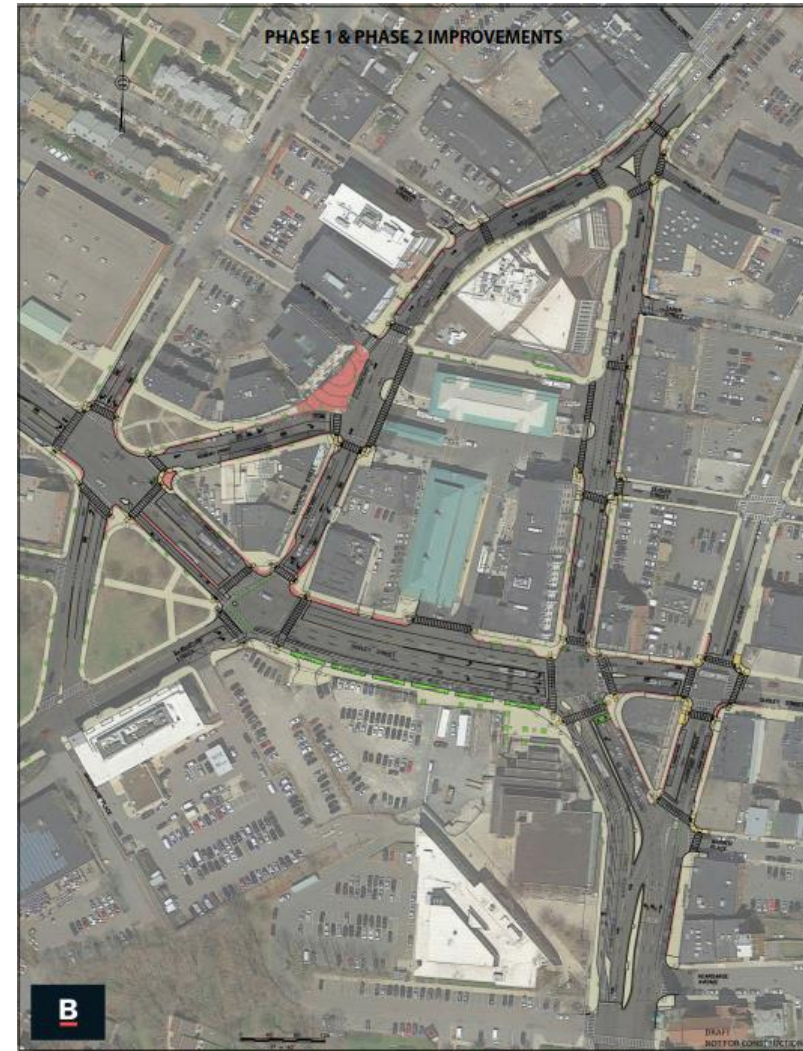
Phase II Scope and Schedule

Dudley Street, Washington Street, Warren Street to Ruggles Street

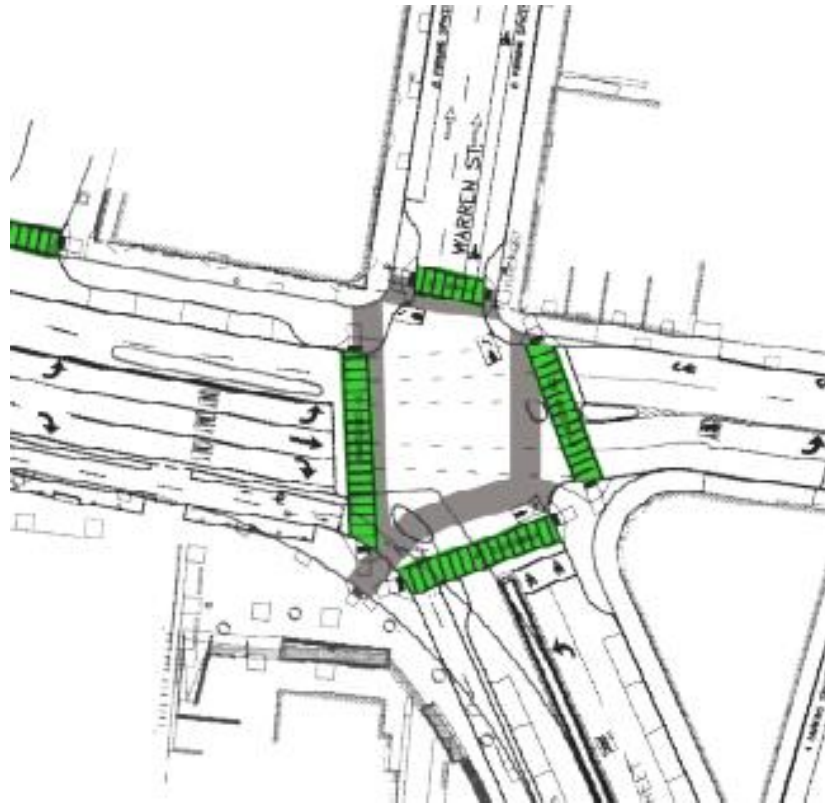


- **Capital Expenditure and Timeline for Phase II**

- *Over \$6 mil in City funding for Construction*
- *Advance Design from 75% to Final Design by Summer 2019*
- *Advertise for Construction Fall 2019*
- *Break ground early 2020*



Phase 1 & Phase 2 Improvements



Existing (gray) vs. Proposed (green) Pedestrian Crossing Distances

- **Immediate Benefits**

- Shorter crossing distances and protected corners
- More accessibility for persons with disabilities
- Improved traffic flow/LOS
- Better lighting for sidewalks and roadway
- Accommodates cyclists, manages storm water

- **Longer Term Gains**

- More efficient bus operations
- Overall healthier environment
- Helps foster economic development

Partnerships & Coordination with Other Projects

Pieces of a Puzzle/Plans Coming Together



- **Public Investment**

- Dudley Square Library Renovation
- Blue Hill/Warren Signal Upgrades (TIP)
- Ruggles Street Design & Reconstruction
- Melnea Cass Boulevard Reconstruction
- Ruggles Station Commuter Platform
- Gourdin Park, Orchard Gardens, Madison Park



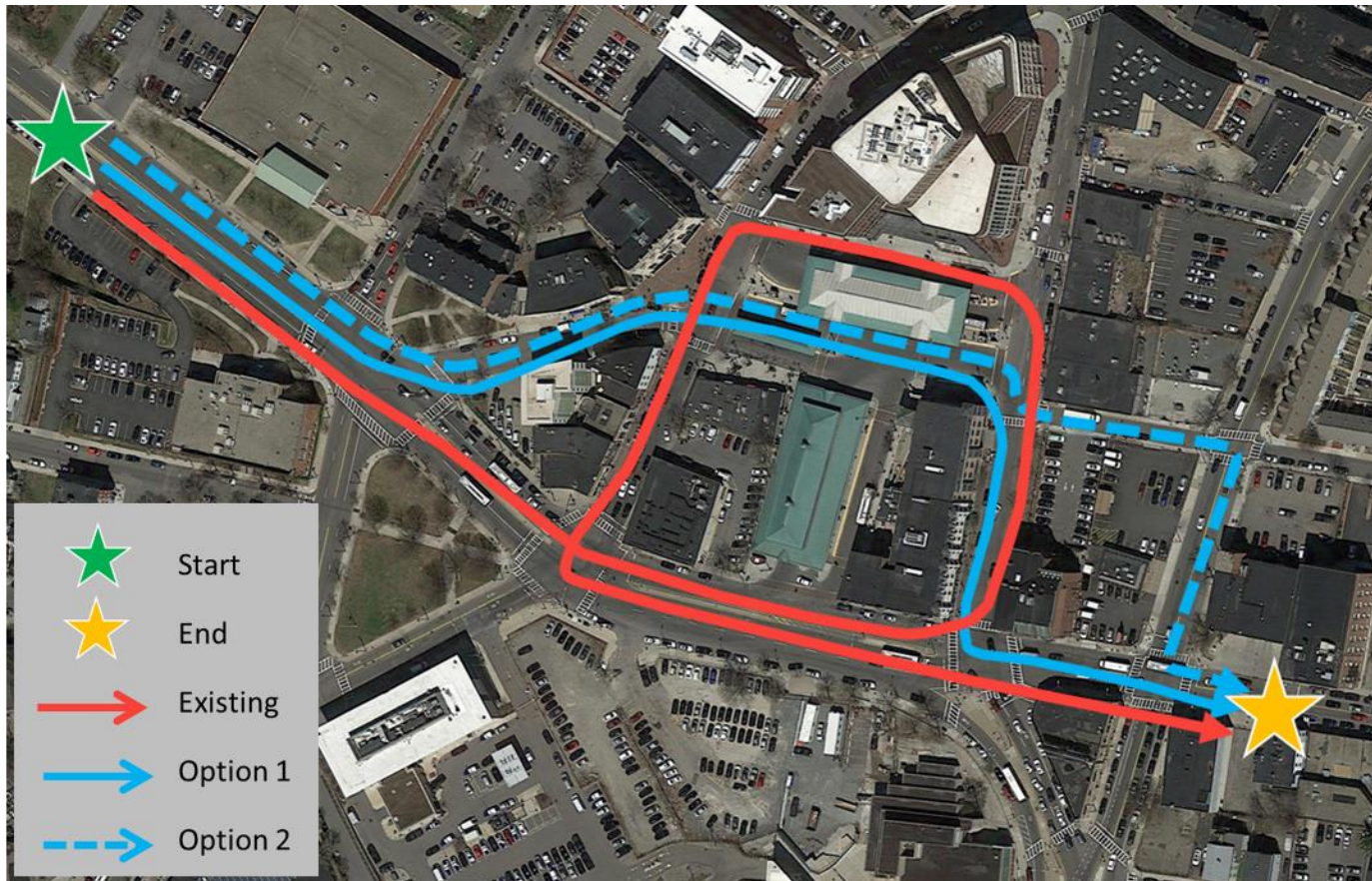
Reconstructed Dudley Square Library Plaza

- **Private Development**

- Plan Dudley Proposals
- Rio Grande Tower
- Bartlett Yard
- Taber Street
- 2451 Washington
- Whittier Housing and Madison Park Infill
- Tremont Crossing



Ruggles Station Commuter Rail Platform Improvements



Outbound bus route improvements (Option 1 pending MBTA Coordination)

- **Roxbury Cultural District**
 - City's Arts and Cultural Commission
 - Browne Fund
 - Developer Mitigation
- **Dudley Station Planning**
 - MBTA Capital Planning
 - Better Bus Project
 - Focus 40
 - Go Boston 2030 - Mobility Hubs

Project Management

Key City Team Members



PATRICK HOEY

BTD



ZACH WASSMOUTH

PWD



JENN CONLEY

WSP



JESSICA THOMAS

MONS

Construction Management

Key City Team Members



ED HESFORD

BTD



JOHN VOZZELLA

PWD



KATIE CHOE

PWD



DEREK GROSSI

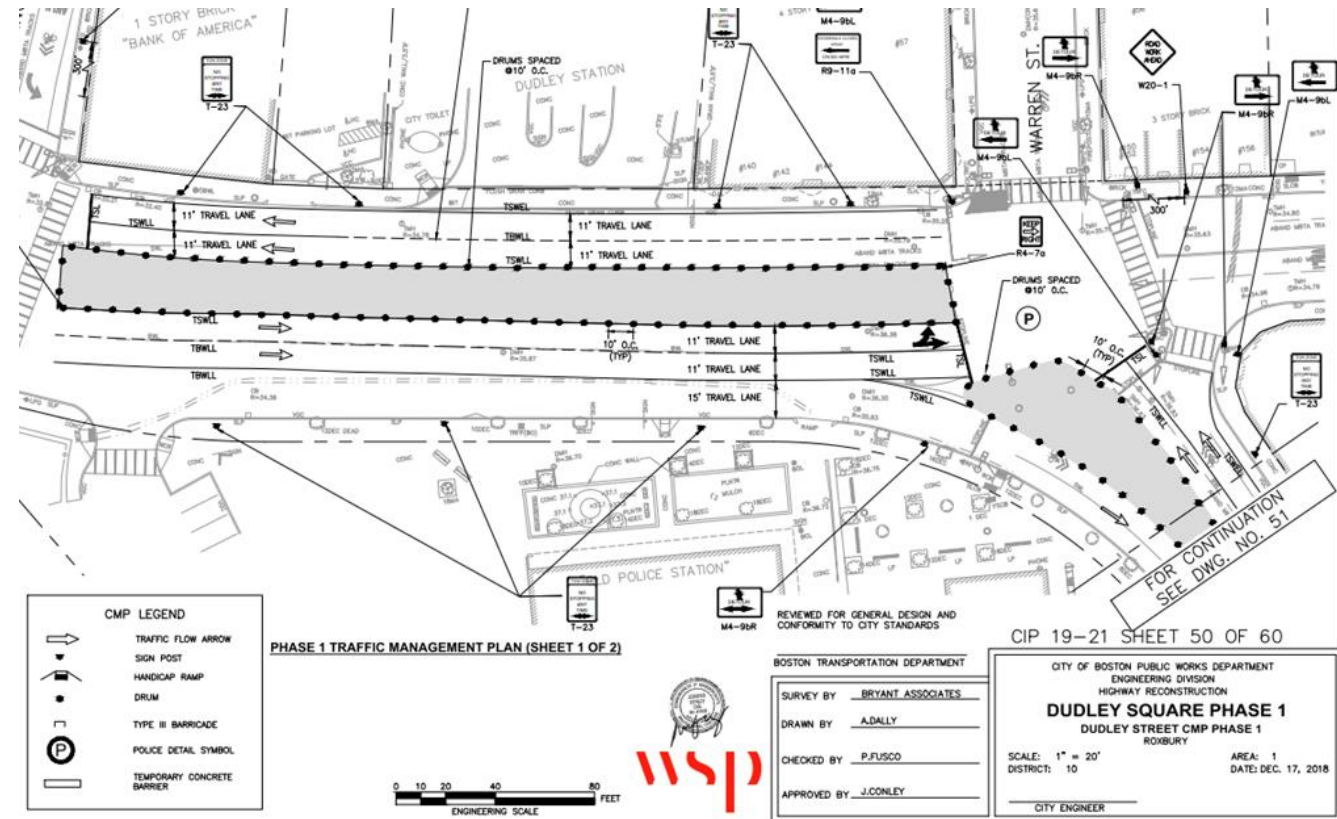
D'ALLESSANDRO

- **Permitting**

- BTD & PWD Plan Review and Approvals
- COBUCS flags conflicts

- **Active Construction**

- Coordination/Outreach with
 - MBTA Operations
 - BPD/BFD
 - Area Stakeholders/Abutters



Phase 1 Traffic Control

Area Street Improvement Context

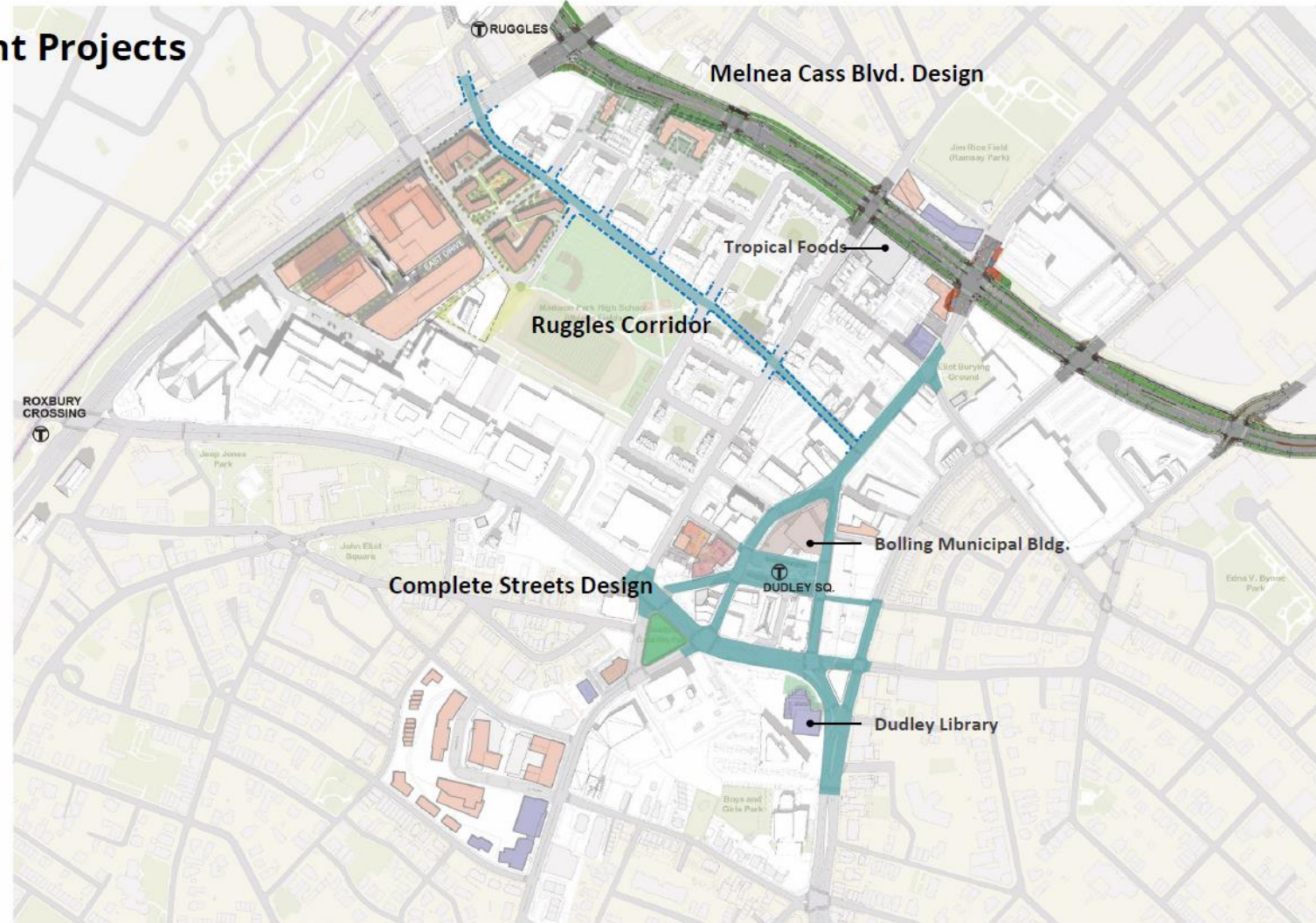
Rebuilding the Network



Street Improvement Projects

On going transportation improvements

- Promote multi modes of transportation
- Improve pedestrian safety and walkability
- Slow traffic down and reduce traffic congestion
- Enhance transit services



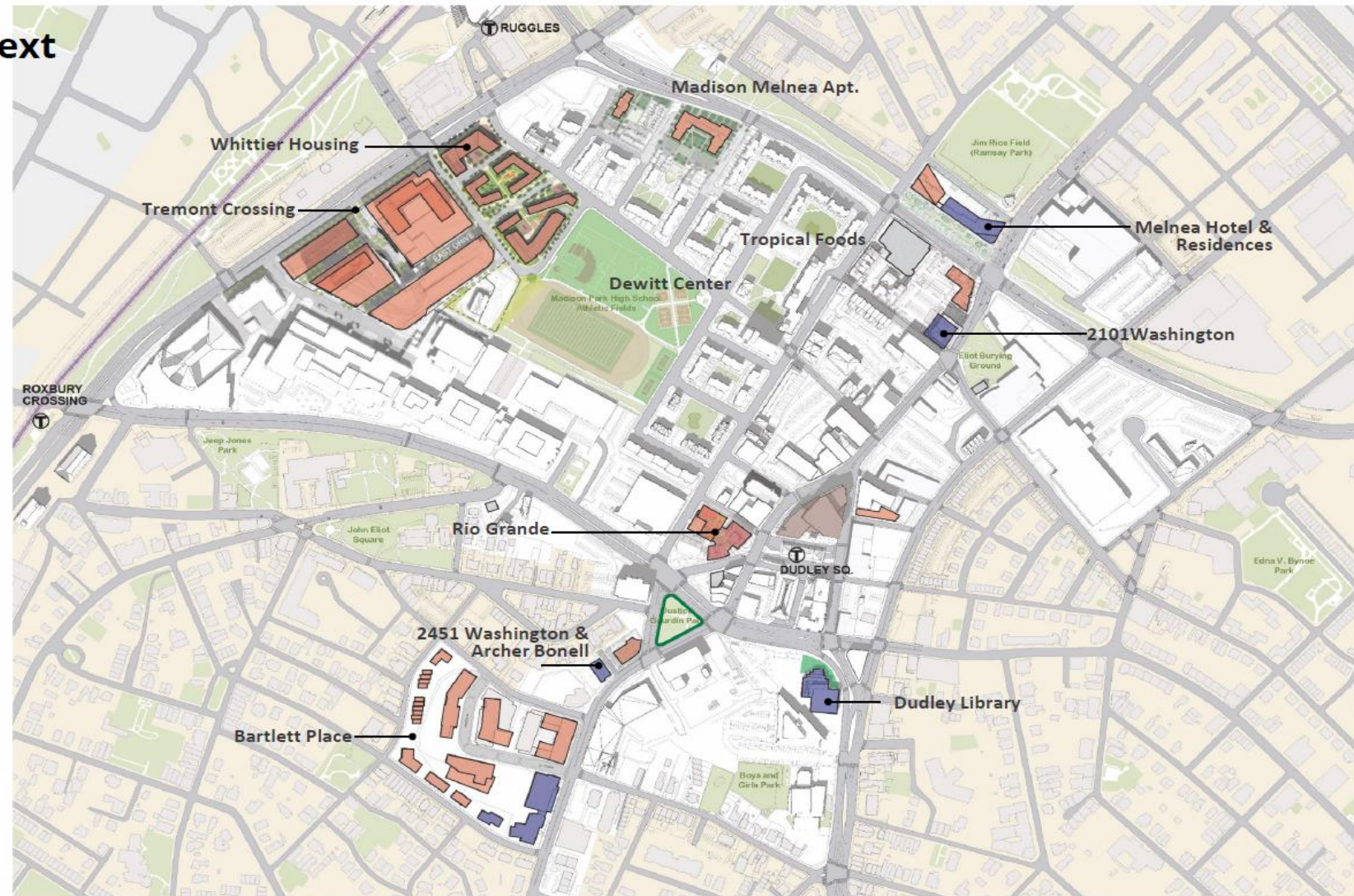
Development Context

Looking Ahead at the Big Picture



Development Context

- More than 1,400 units of housing opportunity
- More than 400 affordable units
- Retail/commercial spaces
- Art & culture, civic and entertainment spaces



Planned Development
Under Construction



**Thank you everyone for
coming tonight!**

**Please provide us your
feedback!**



*Email Patrick.Hoey@Boston.gov or Comment on
boston.gov/transportation/dudley-square-design-project*