



# Project 1. High Street (Route 60) at Brooks Elementary School

## Proposed Project:

- Construct curb extensions on both ends of the existing crosswalk across High Street to shorten crossing distance and increase pedestrian visibility;
- Install Rectangular Rapid Flashing Beacon (RRFB) to improve vehicular yielding;
- Install Your Speed Dynamic Feedback signage on both High Street approaches to the school frontage;
- Reconstruct ADA-compliant ramps;
- Install eastbound bicycle lane and westbound shared lane with parking lane on south side.

- **Cost Estimate:** \$65,000
  - RRFB: \$15,000
  - Speed Feedback Signs: \$7,000
  - Pavement Markings (Crosswalks): \$1,000
  - ADA Ramps: \$12,000
  - Relocated Catch basins: \$10,000
  - Curb Extensions: \$20,000
- **Alignment with Bicycle Infrastructure Master Plan:** Install bike accommodations – signage and shared lane markings (sharrows) westbound and bicycle lanes with parking eastbound along High Street.
- **Construction Timeline:** 30 days

## Existing Conditions:



## Conceptual Plan:



Repair Existing Dynamic Speed Feedback Sign

Proposed Rectangular Rapid Flashing Beacon

Proposed Rectangular Rapid Flashing Beacon

Proposed Dynamic Speed Feedback Sign

Eradicate Existing Skewed Crosswalk and Realign, Reconstruct Curb Ramps

Proposed Curb Extensions





# Project 2. West Medford Square: High Street at Warren Street/Canal Street/Playstead Road

### Proposed Project:

- Construct curb extensions on key locations throughout West Medford Square at intersection corners and sidewalk termini to shorten crossing distance, slow turning vehicles and increase pedestrian visibility;
- Widen the existing narrow crosswalk across High Street at Playstead Road to approximately 10 feet in width;
- Reconstruct ADA-compliant ramps.

- **Cost Estimate:** \$81,000
- Pavement Markings: \$3,000
- ADA Ramps: \$27,000
- Curb Extensions: \$50,000
- Tree removal/relocation: \$1,000
- **Alignment with Bicycle Infrastructure Master Plan:** Install bike accommodations – signage and shared lane markings (sharrows) along High Street.
- **Construction Timeline:** 60 days

### Existing Conditions:



### Conceptual Plan:



Proposed Widened Marked Crosswalk

Proposed Marked Crosswalk

Proposed Curb Extensions with Curb Ramps

Eradicate Existing Stop Line

Relocate existing tree blocking curb ramp



# Project 3. Tufts Pool & Park: Main Street at Medford Street

## Proposed Project:

- Construct curb extensions on at existing crosswalk across Main Street and align Main Street to tighter approach angle, install stop sign rather than Yield;
- Install Rectangular Rapid Flashing Beacon (RRFB) to improve vehicular yielding at Willard Avenue, Main Street, and Medford Street;
- Reconstruct ADA-compliant ramps and construct new ADA-compliant ramps at curb extensions;
- Construct raised island at Main Street and Medford Street and propose parallel parking along the edges
- **Cost Estimate:** \$147,600
  - RRFB: \$40,000
  - ADA Ramps: \$36,000
  - Curb Extensions: \$25,000
  - Crosswalks and Pavement Markings: \$1,000
  - Signs: \$600
  - Raised Island: \$45,000
- **Alignment with Bicycle Infrastructure Master Plan:** Install bike accommodations – signage and shared lane markings (sharrows) along Main Street and Medford Street.
- **Construction Timeline:** 120 days

## Existing Conditions:



## Conceptual Plan:



- Proposed Curb Ramps and Rectangular Rapid Flashing Beacon
- Proposed Curb Extensions and Curb Ramps
- Replace Existing Yield with Stop Sign and Stop Line
- Proposed Rectangular Rapid Flashing Beacons and Crosswalks
- Newly Constructed Raised Island
- Proposed Parallel Parking
- Proposed Curb Ramp
- Proposed Stop Signs and Stop Lines
- Proposed Curb Ramps

Concept, Cost and Construction Estimate are presented for discussion purposes only.



# Project 4. Haines Square: Salem Street at Spring Street

## Proposed Project:

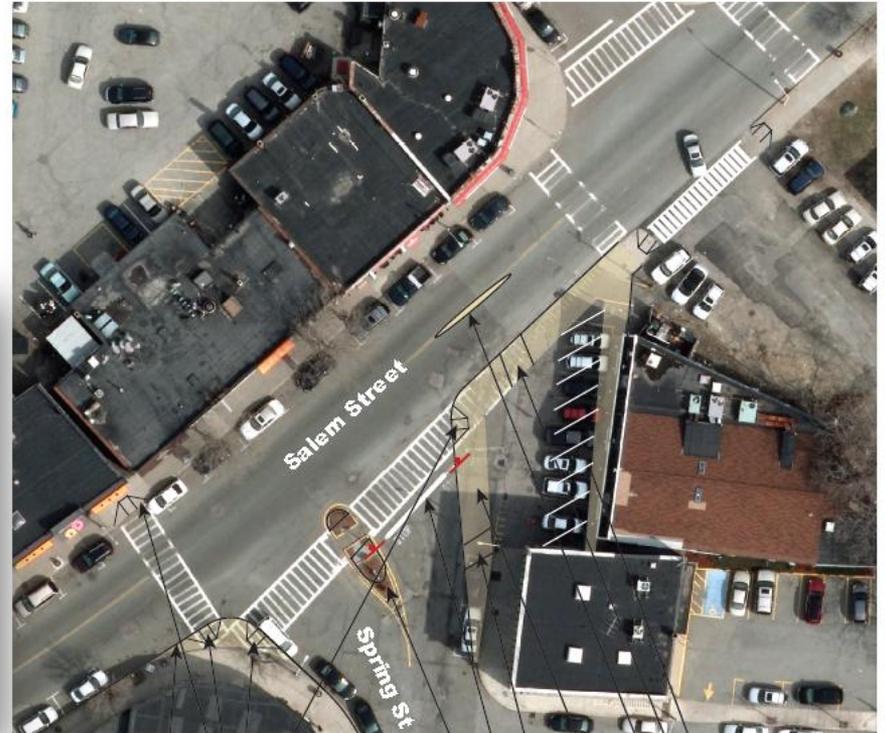
- Construct curb extensions on Spring Street and Salem Street;
  - Construct sidewalk along east side of Salem Street;
  - Decommission the existing head-in parking at Alexander’s and one-way drive aisle serving angled parking;
  - Construct median along Salem Street to discourage left-turn exiting from the newly constructed one-way driveway;
  - Reconstruct median at Spring Street to provide passable pedestrian refuge;
  - Reconstruct ADA-compliant ramps and construct ramps for new curb extensions.
- **Cost Estimate:** \$67,400
    - ADA Ramps: \$12,000
    - Curb Extensions and Sidewalk: \$50,000
    - Signs: \$400
    - Medians: \$5,000
  - **Alignment with Bicycle Infrastructure Master Plan:** Install bike accommodations – signage and shared lane markings (sharrows) along Salem Street.
  - **Construction Timeline:** 60 days



## Existing Conditions:



## Conceptual Plan:



- Proposed Curb Extension
- Proposed Curb Ramps
- Proposed Reconstructed Median
- Proposed Stop Signs and Stop Line
- Proposed Right-Only Driveway Entrance
- Proposed Angled Parking
- Proposed Right-Only Driveway Exit
- Proposed Median to Restrict Turns
- Proposed Curb Extension and Sidewalk Connecting to Existing



# Project 5. Medford Square: Salem Street at Ashland Street/River Street

## Proposed Project:

- Construct curb extensions on both ends of the existing crosswalk across Salem Street to shorten crossing distance and increase pedestrian visibility;
- Install Rectangular Rapid Flashing Beacon (RRFB) to improve vehicular yielding;
- Reconstruct ADA-compliant ramps.
- **Cost Estimate:** \$55,000
  - RRFB: \$15,000
  - ADA Ramps: \$20,000
  - Curb Extensions: \$20,000
- **Construction Timeline:** 60 days
- **Alignment with Bicycle Infrastructure Master Plan:** Install bike accommodations – signage and shared lane markings (sharrows) along Salem Street.

## Existing Conditions:



## Conceptual Plan:



- Potential Curb Extension to End of On-Street Parking (Physical Bump Out or Tactical, for example, Planters)
- Proposed Curb Ramps with Tactile Warning Strips Throughout Intersection
- Removal of One Existing Parking Space
- Proposed Rectangular Rapid Flashing Beacons
- Eradicate Existing Skewed Crosswalk and Realign to 90 Degrees
- Potential Curb Extension to End of On-Street Parking (Physical Bump Out or Tactical, for example, Planters)

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# Project 6. Winthrop Circle at High Street

## Proposed Project:

- Construct curb ramps at five intersections
- Stripe splitter islands at all approaches
- Install "Yield" signs at all approaches
- Stripe dotted line circle at roundabout
- Shorten crosswalks for pedestrians

**Cost Estimate:** \$30,000

**Construction Timeline:** 60 days

**Additional Design/Study Needed:** No

## Existing Conditions



## Conceptual Plan





# Project 7. Boston Avenue Corridor: Arlington Line to Somerville Line

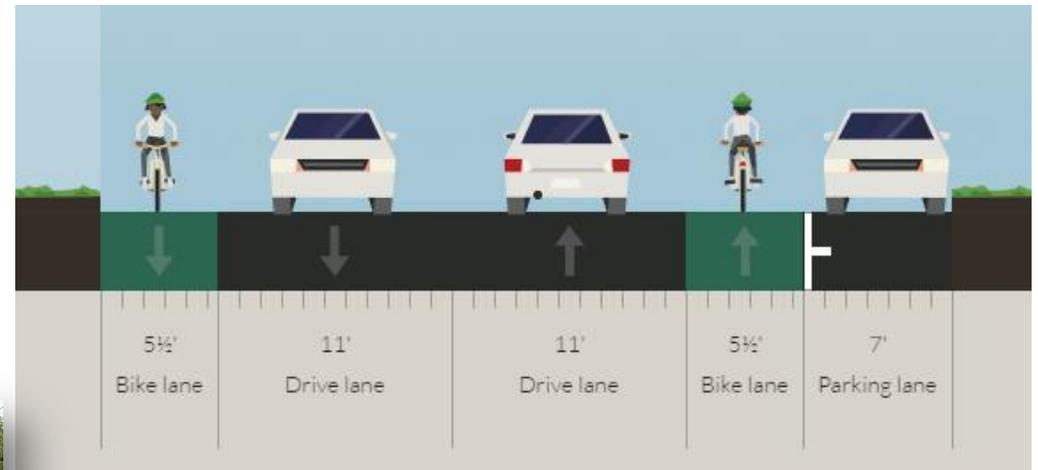
## Proposed Project:

- Install northbound bicycle lane and southbound shared lane with two parking lanes
- or
- Install northbound bicycle lane and southbound bicycle lane with one parking lane
- **Cost Estimate:**
  - Estimate: \$ 68,000  
Bicycle lane and shared lane: approximately \$34,000 per mile (approximately 2-mile corridor), including associated signage and pavement markings (with parking on both sides).
  - or
  - Estimate: \$ 82,000  
Two Bicycle lanes: approximately \$41,000 per mile (approximately 2-mile corridor), including associated signage and pavement markings (with parking on one side).
- **Construction Timeline:** 60 days

## Existing Conditions:



## Conceptual Plan:



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