

Welcome!

Reconstruction of Ferry Street, South Ferry Street,
and a Portion of Elm Street

Everett | Project File No. 607652

DESIGN PUBLIC HEARING

Edward G. Connolly Center

August 2, 2018 | 7:00 PM

Introduction

- Thomas Currier, PE – MassDOT Supervising Project Manager
- Brian Chapman, PE - MassDOT Project Manager
- Craig Sheehan– MassDOT Right-of-Way
- Representatives from the City of Everett
 - Mayor – Carlo DeMaria, Jr.
 - Executive Director of Public Works and Engineering– Gregory St. Louis, PE
 - Transportation Planner – Jay Monty
- Design Consultant – WorldTech Engineering, LLC
 - President – Rich Benevento
 - Vice President – William (Bill) Mertz, PE
 - Senior Project Engineer – Thomas Quinlan, PE
 - Project Engineer – Kristopher Surette, PE

Project Team



City of Everett

Project Proponent

WorldTech Engineering, LLC

Responsible for Design

MassDOT's Highway Division

Responsible for Administering the
Design Process and providing
Resident Engineer Services

History of Public Outreach

- **Public Informational Meetings**
 - Held at Edward G. Connolly Center on June 16, 2015 & June 23, 2015
 - WorldTech Engineering on behalf of the City presented Conceptual Alternatives of segments of the corridor
 - Provided an open forum for stakeholders to discuss project
- **MassDOT Utility Coordination Meeting**
 - Conducted on March 29, 2017
- **MassDOT Utility Site Walk**
 - Conducted May 17, 2017
 - Project team walked existing site to investigate potential utility conflicts including the relocation of utility poles
- **Ongoing Coordination with City Departments & MassDOT**



Project Area



**Ferry Street, South Ferry Street,
and a Portion of Elm Street**

**Why do we need
this project?**



Existing Issues

- **Intersection geometry / operations**
 - Poor intersection sight distance
 - Outdated traffic signal equipment
- **Substandard pedestrian network**
 - Lack of ADA compliant wheelchair ramps
 - Varied sidewalk conditions and materials / obstructions
 - Crosswalks without proper advanced signing / visibility
 - Pedestrian safety (high pedestrian crash cluster, fatal pedestrian crash)
- **Lack of bicycle accommodations**
 - Bicycle facilities are not provided along Ferry Street and Elm Street corridors
- **Drainage deficiencies**
 - Majority of structures filled with debris / sediment
 - Lack Stormwater quality devices
 - Areas of ponding along edge of road
- **Poor pavement condition**
 - Multiple trench patches from recent utility work
 - Localized pavement failure around structures
 - General pavement degradation

Existing Issues (cont.)



Intersection Geometry / Operations

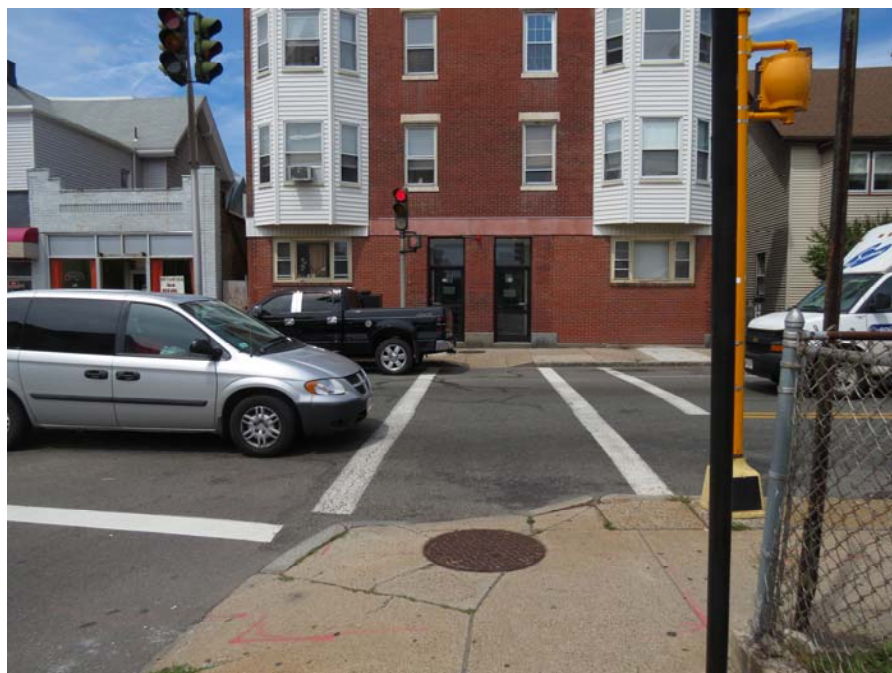
- Outdated traffic signal equipment
- Excessive crosswalk lengths



Intersection Geometry / Operations

- Poor intersection sight distance
- Undefined paths of travel

Existing Issues (cont.)



Substandard Pedestrian Network

- Lack of ADA compliant wheelchair ramps
- Crosswalks poorly defined
 - Crossings lack advanced warning signs



Substandard Pedestrian Network (cont.)

- Inconsistent sidewalk materials
- Sidewalk cross slopes exceed standards
- Obstructions in path of travel

Existing Issues (cont.)



Lack of Bicycle Accommodations

- Bicycle facilities not provided along Ferry Street and Elm Street within limits of project



Poor Pavement Condition

- Multiple trench patches
- Localized pavement failure around utility structures
- General pavement degradation

Project Goals

- **Intersection Geometry** | Realignment of intersections to enhance sight distance / improve safety, Roundabout at Ferry Street, South Ferry Street, and Chelsea Street
- **Substandard Pedestrian Network** | Reconstruct sidewalks throughout project corridor
- **Lack of Bicycle Accommodations** | Provide dedicated bike lane on northbound side of Ferry Street to Broadway, sharrows in areas where dedicated facilities are not provided
- **Drainage Deficiencies** | Replace drainage system within limits of project, enhance stormwater quality
- **Water Distribution System** | Upgrade / replace water distribution system throughout the Ferry Street corridor
- **Poor Pavement Condition** | Full depth reconstruction of roads
- **Complete Streets Policy** | Design in conformance with MassDOT / City of Everett Complete Street Policy and guidelines



Current Project Schedule

25% Design Submittal
September 21, 2016

Design Public Hearing
August 2018

Final Design, ROW, and
Permitting Completed
Fall 2020

Anticipate
Construction Start
Spring 2021

**How will traffic
be affected?**





ALERT: Traffic Impacts

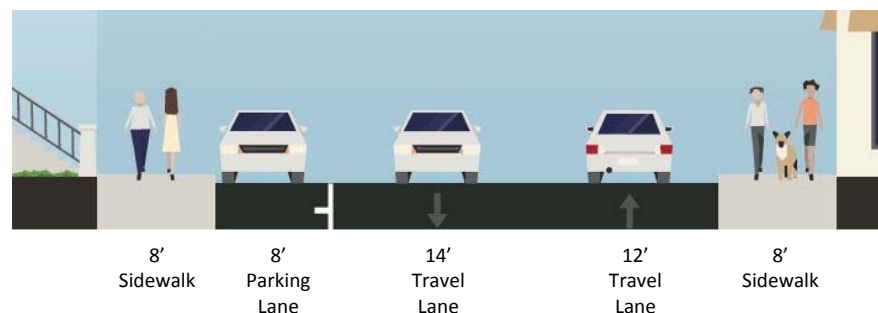
- Extensive pavement reconstruction
- Temporary shifting of traffic using signage and police details
- Temporary road closures may be anticipated (short term)
- Temporary pedestrian detours will ensure accessible routes throughout the duration of construction
- Construction operations will be coordinated with City Officials to reduce traffic impacts during peak hours
- Construction complete in three construction seasons

Proposed Improvements

Ferry Street (Roundabout to Broadway)

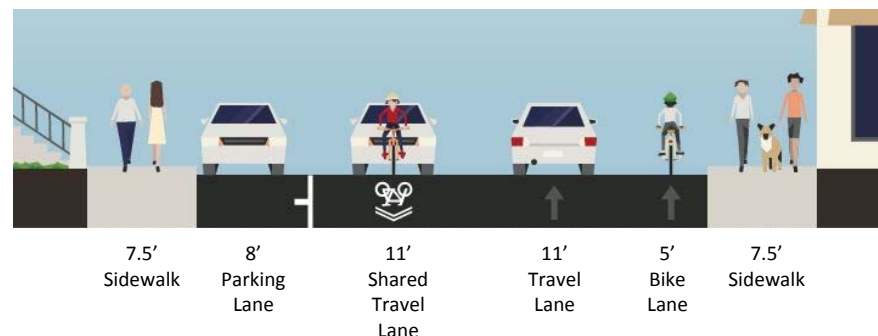
Existing Cross Section

- Variable width travel lanes
- Lack of bicycle accommodations



Proposed Cross Section

- Bicycle accommodations
 - Dedicated bike lane on the east side and shared lane on the west

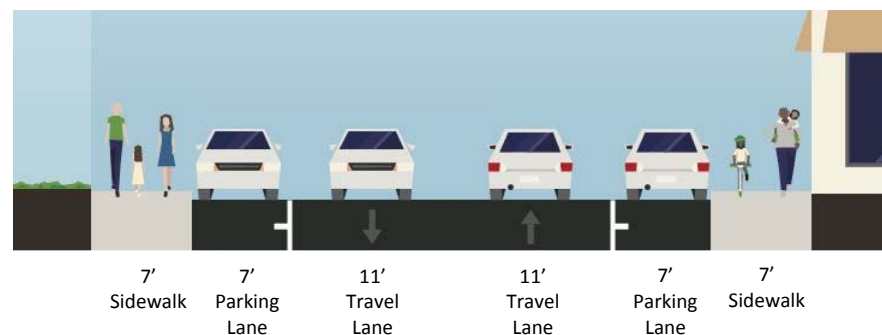


Proposed Improvements

Ferry Street (Broadway to Rich Street)

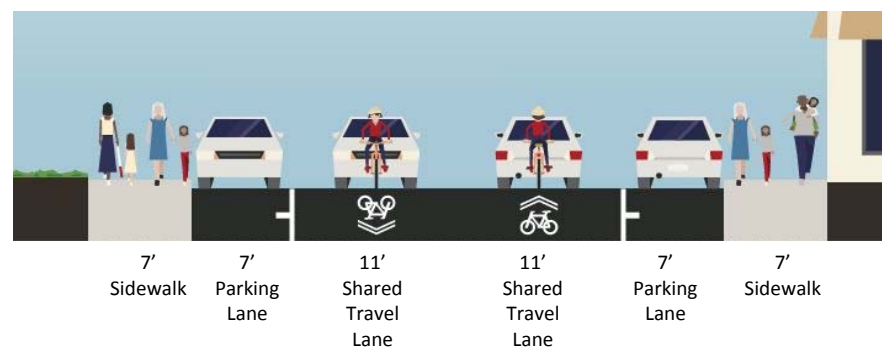
Existing Cross Section

- Lack of bicycle accommodations



Proposed Cross Section

- Bicycle accommodations
 - Sharrows added to travel lanes in both directions



Proposed Improvements



Roadway Improvements

- Reconstruct Ferry Street / South Ferry Street / Chelsea Street intersection into a roundabout to increase safety & traffic operations for all users
- Roadway reconstruction and drainage improvements
- Painted bike lanes will provide dedicated space for users

Proposed Improvements



Pedestrian Improvements

- Reconstruct sidewalks with granite curb
- Stamped crosswalks will increase visibility of street crossings at roundabout
- Construct ADA-compliant wheelchair ramps at crosswalks
- Rectangular Rapid Flashing Beacons (RRFB's) at select crossings within limits of the project



Contact Information



- Communication regarding project:
 - Mail-in comment sheets
 - Contact Person; Brian Chapman
 - E| Brian.Chapman@state.ma.us
 - P| 857.368.9352



Thank You

Q&A

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