



Welcome!

Intersection & Signal Improvements at SR 1A
(Paradise Rd) at Swampscott Mall
Swampscott | Project File No. 607761

DESIGN PUBLIC HEARING

Swampscott Town Hall
August 8, 2019 | 6:30 pm

Agenda

- Welcome & Introductions
- Project Area
- Project Need
- Proposed Goals/Scope
- Proposed Improvements
- Project Schedule
- Traffic Impacts
- Environmental Permitting
- Next Steps
- Question & Answer – We want your input!



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Introduction

- MassDOT – Gautam Sen, Project Manager
- MassDOT Design Consultant – Walt Woo, P.E., Senior Transportation Engineer, Stantec



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Project Team



MassDOT's Highway Division

Responsible for administering the Design Process and providing Resident Engineer Services



Federal Highway Administration

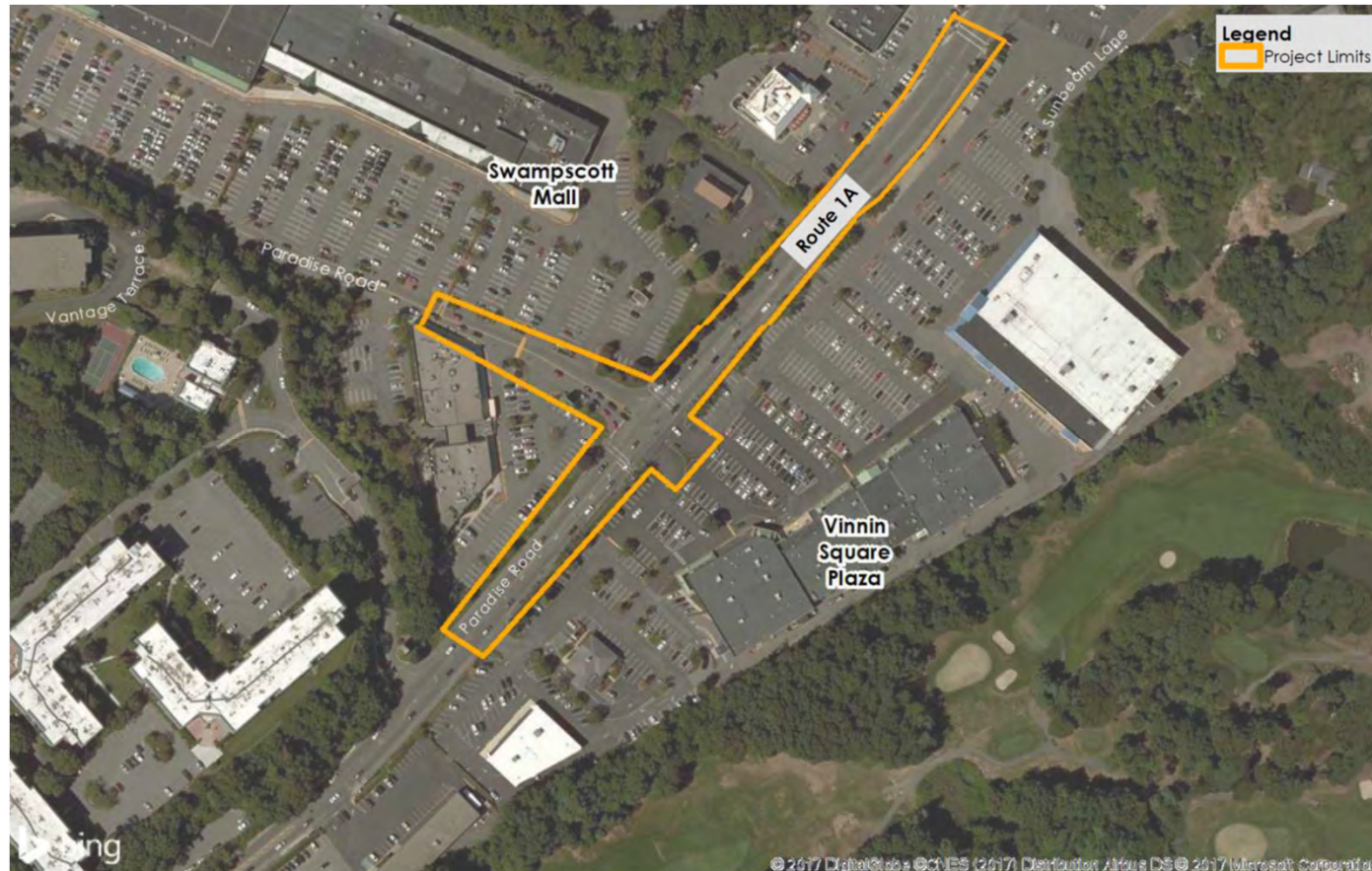
Responsible for Oversight



Stantec Consulting Services

Responsible for Design

Project Area



Project Location

Project Area



**Why do we need
this project?**



Existing Issues

- **Road Safety Audit – 2015 evaluation**
- **HSIP High Crash Location - 2015**
 - 2013 - #59 Statewide

Existing Issues

- **Intersection Safety Issues**
 - Deficient Pedestrian Accommodation – curb ramps, signals, pushbuttons, pedestrian scale lighting
 - Lack of specific bicycle accommodations
 - Traffic signals – conflict with overhead utilities, aging equipment, span wire, lack of backplates
 - Pavement Condition – cracking, rutting, utility trenches
 - Worn pavement markings
 - Worn traffic signs

Existing Issues (cont.)



Existing Issues (cont.)



Existing Issues (cont.)



Existing Issues (cont.)



Existing Issues (cont.)



Project Goals

- **Intersection Safety** | Primary project goal - address RSA & other identified safety issues
- **Implementation Timeframe** | Implement improvements in the near term

Project Scope

- **Isolated, single intersection improvements**
- **Limited work on intersection approaches**
- **Safety Improvements – Address RSA & other safety issues**
 - Intersection accessibility (curb ramps, signals)
 - Bicycle & Pedestrian Accommodations
 - Reconstruction of Traffic Signal System
 - Traffic signs & markings
 - Pavement surface

Project Scope

- **Utility Pole Replacement**
 - Resolve conflicts with signal equipment
- **Near Term Implementation**
 - Limited Right-of-Way impacts



Proposed Improvements

Safety Related Improvements - Highway

- Road widening for bicycle accommodation
- Reconstructed ADA/AAB compliant curb ramps (concrete)
- Reconstructed sidewalks (concrete)
- Asphalt removal and overlay



Proposed Improvements

Safety Related Improvements – Traffic Signal

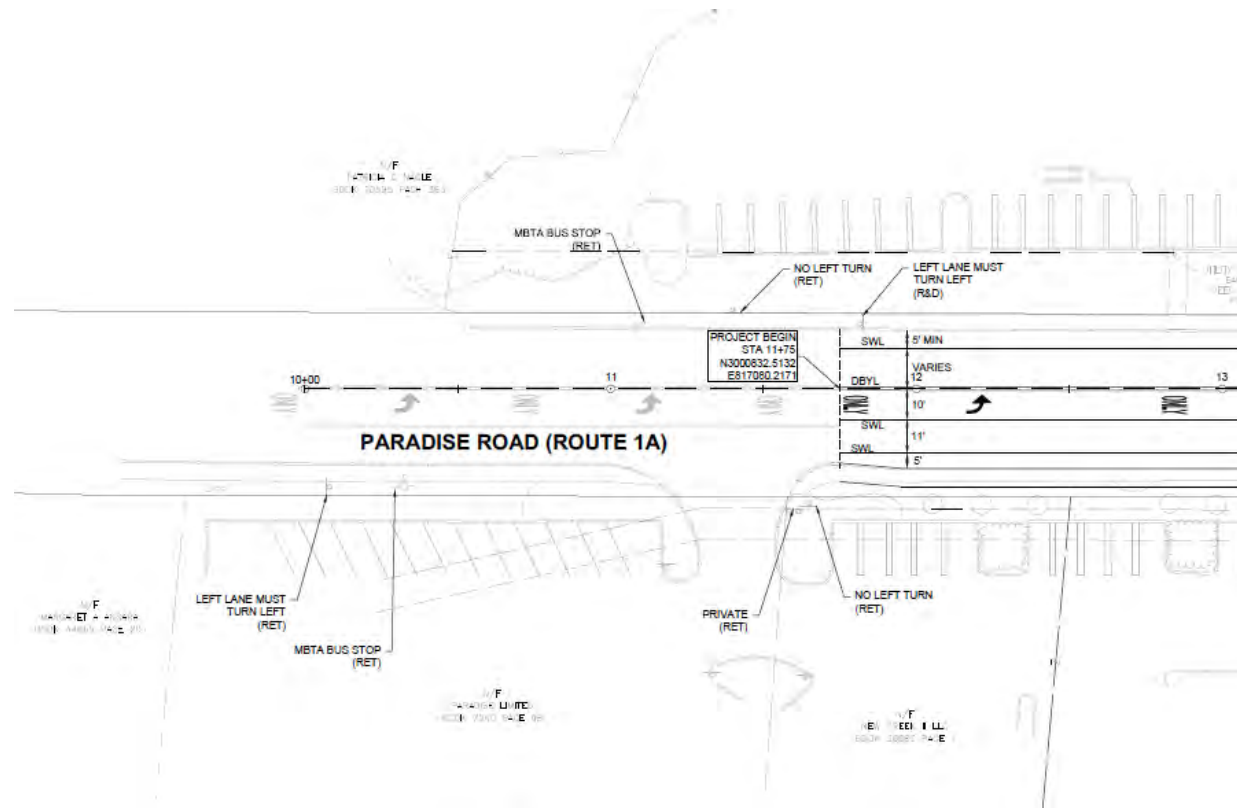
- Updated traffic signal system with improved visibility
- Retiming of clearance intervals (yellow + all red)
- Accessible pedestrian buttons (APS)
- Flashing yellow arrow (for permissive left turns)

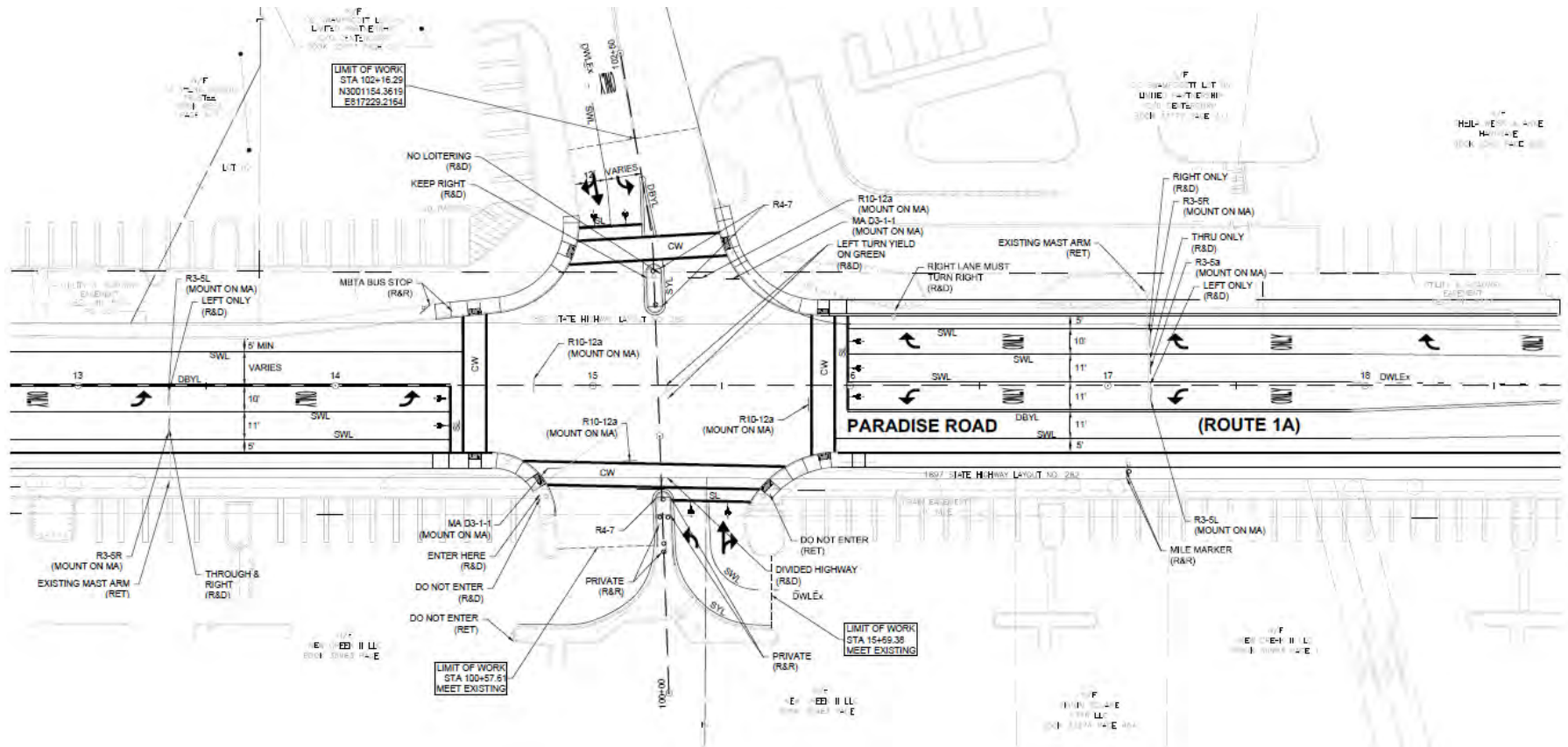


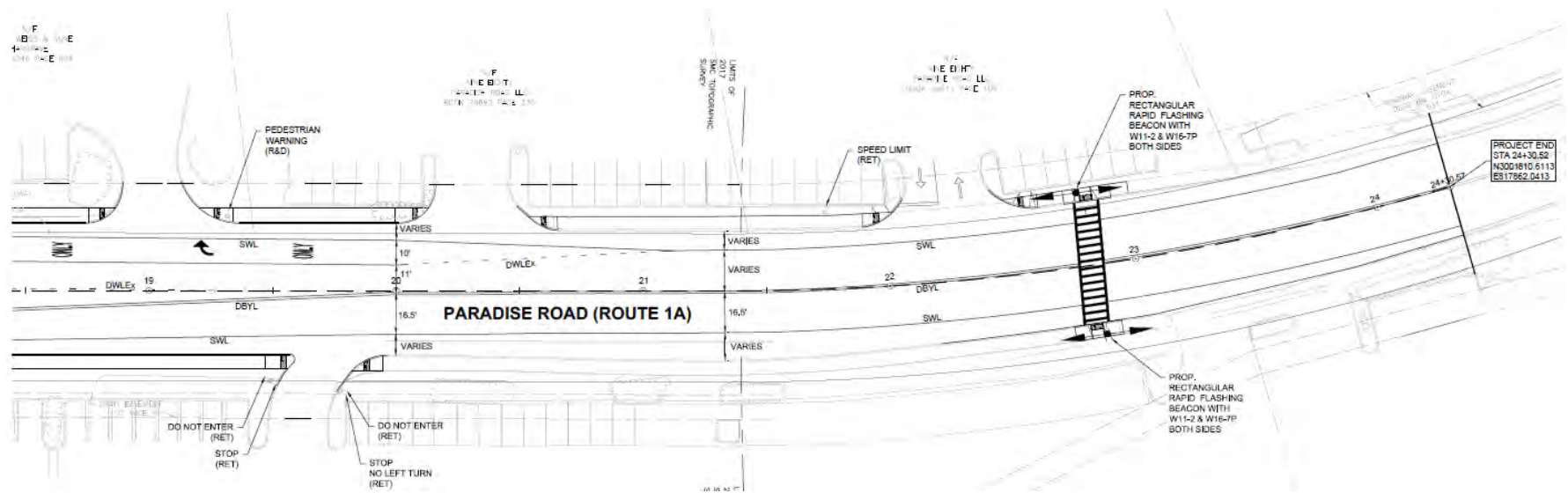
Proposed Improvements

Safety Related Improvements – Traffic

- Improved traffic signs
- Reapplication of pavement markings – more defined







Project Schedule

25% Design Submittal
February 2019

Final Design Submittal
Mid-2020

Design Public Hearing
August 2019

Construction Starts
Winter 2020/2021



**How will traffic
be affected?**





ALERT: Traffic Impacts

- **Daytime (off-peak) lane closures**
- **Accommodations for pedestrians – police details, temporary facilities**

Environmental Permitting

- **Categorical Exclusion (CE)
Checklist**



Next Steps

- Advance project through final design
- MassDOT to obtain ROW and easements
- Advertise for construction

Contact Information



Project File No. 607761

Mail comment sheets to:

Patricia A. Leavenworth P.E., MassDOT Chief Engineer

MassDOT – Highway Division

10 Park Plaza

Boston, MA 02116-3973

Attn: Roadway Project Management



Thank You

Q&A

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