

# MASSACHUSETTS AVENUE BETTER BIKE PROJECT

May 26, 2020

# WORK IN PROGRESS

## CONCEPT DESIGN

- ▶ Test design alternatives
- ▶ Feedback from stakeholders, users on direction
- ▶ Accurate traffic model using existing user volumes

## 25% DESIGN

- ▶ Set the basics of the proposed design, swept-path analysis to confirm
- ▶ Preliminary traffic signal phasing and timing
- ▶ First draft of curb ramps



*We're  
here*

## 75% DESIGN

- ▶ Fully detailed and revised traffic signal phasing and timing
- ▶ Detailed plans for curb ramps and drainage
- ▶ Adjustments to any lane dimensions, pavement markings, and signs

## PIC

- ▶ Official sign-off on all constructed elements from the Public Improvement Commission

## 100% DESIGN

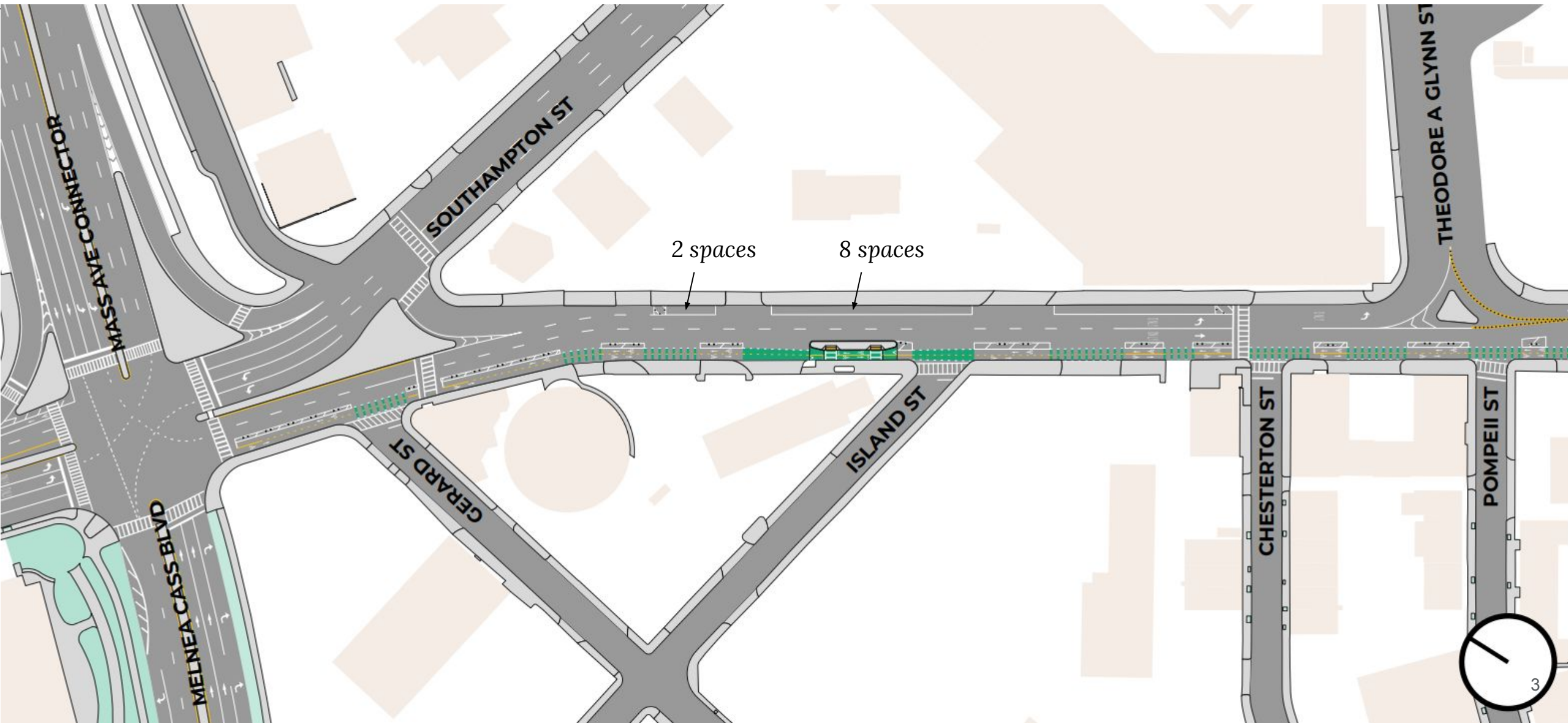
- ▶ Continued refinements to traffic signal phasing and timing; curb ramps; and drainage
- ▶ Last tweaks to all other elements
- ▶ Final draft of temporary traffic management plans

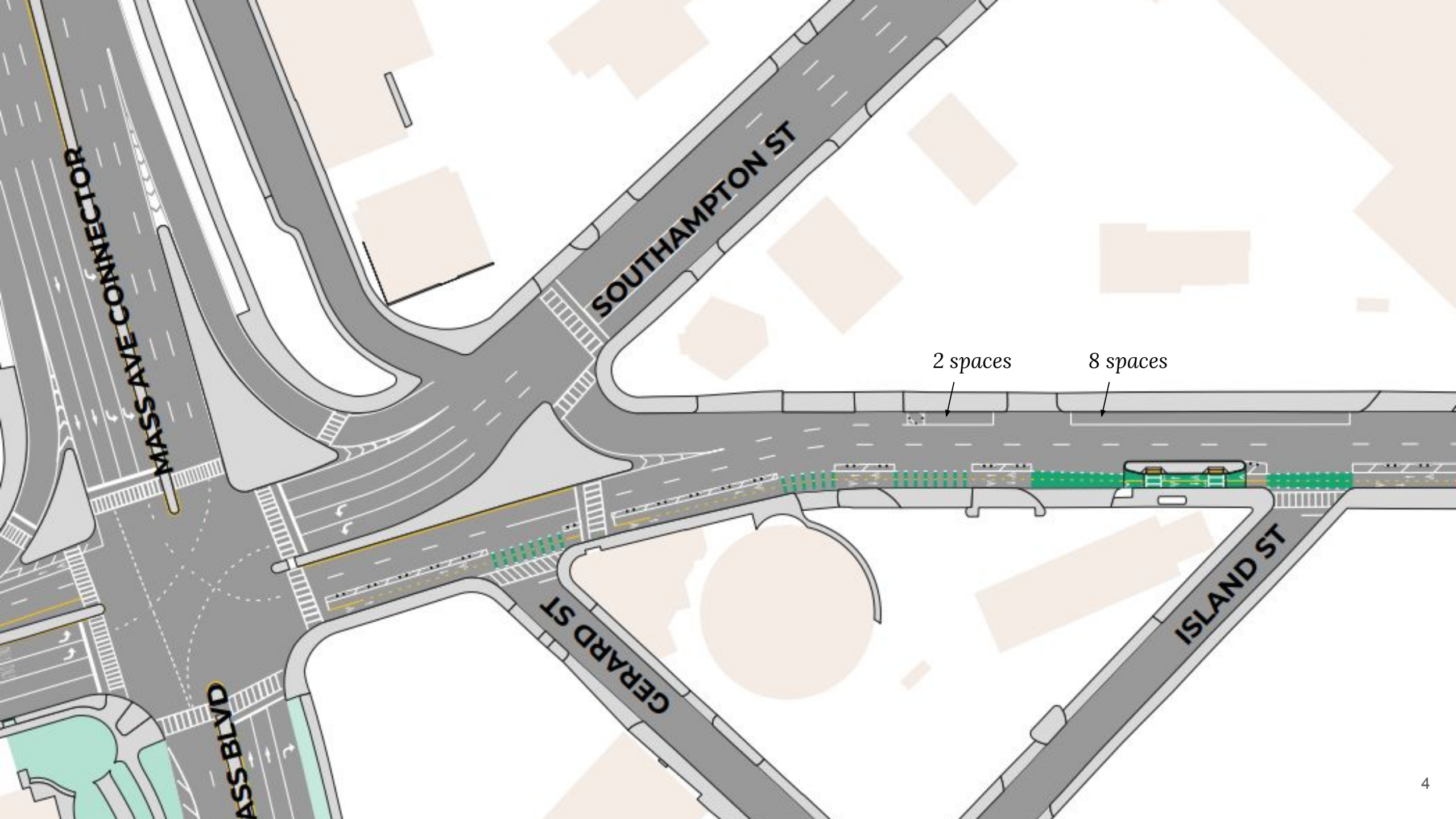
## FINAL DESIGN

- ▶ All issues noted in thorough design review have been approved
- ▶ Signed by City Engineer
- ▶ Delivered to contractor to begin work



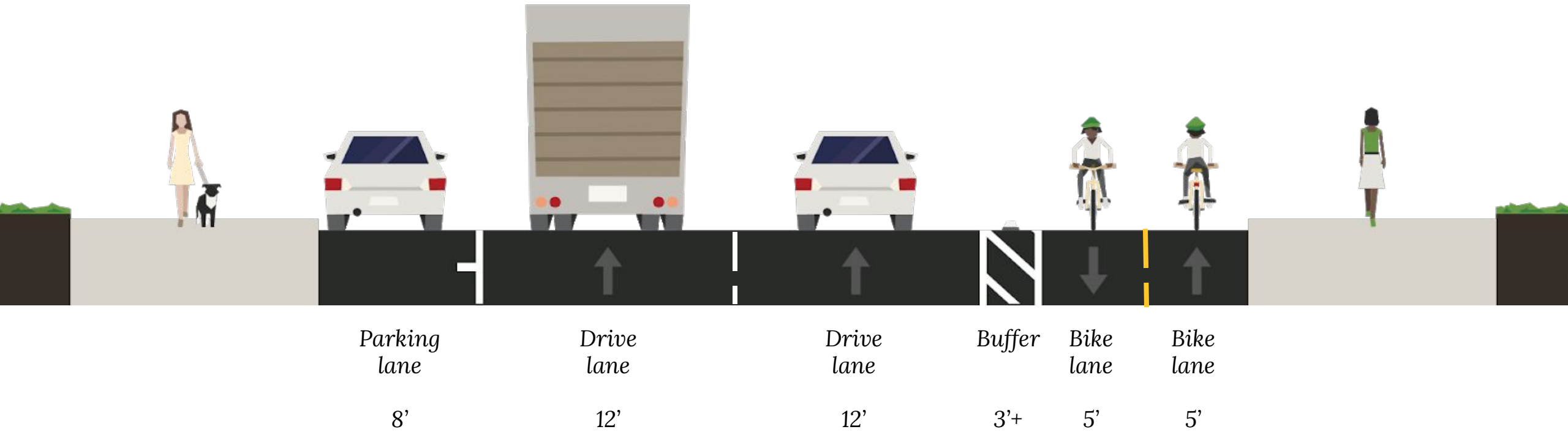
# PLAN VIEW



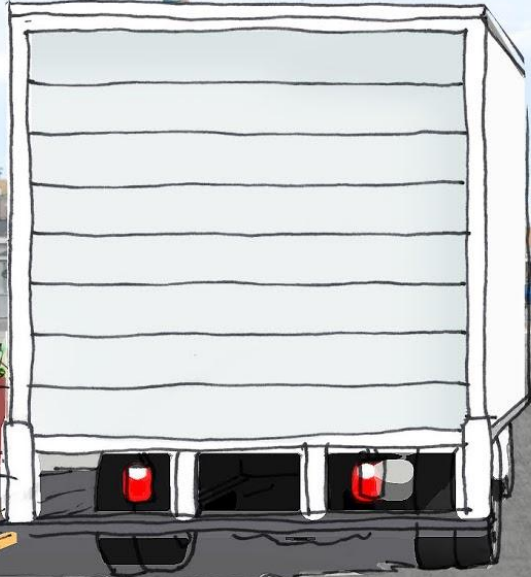


# CROSS SECTION

## North of Island St







# WORK IN PROGRESS

## CONCEPT DESIGN

- ▶ Test design alternatives
- ▶ Feedback from stakeholders, users on direction
- ▶ Accurate traffic model using existing user volumes

## 25% DESIGN

- ▶ Set the basics of the proposed design, swept-path analysis to confirm
- ▶ Preliminary traffic signal phasing and timing
- ▶ First draft of curb ramps

 **We're here!**

## 75% DESIGN

- ▶ Fully detailed and revised traffic signal phasing and timing
- ▶ Detailed plans for curb ramps and drainage
- ▶ Adjustments to any lane dimensions, pavement markings, signs
- ▶ Assign parking regulations

## PIC

- ▶ Official sign-off on all constructed elements from the Public Improvement Commission

## 100% DESIGN

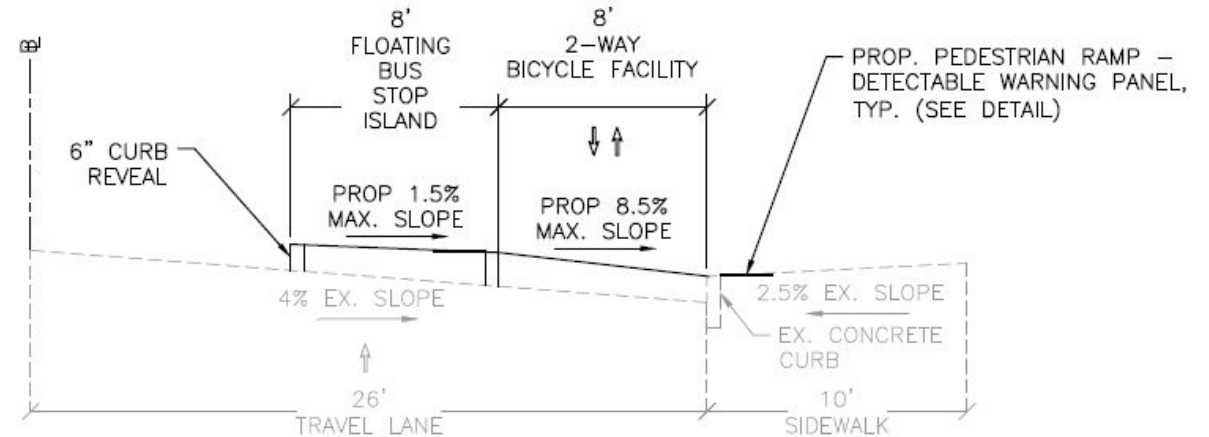
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# WORK IN PROGRESS

- ▶ Engineering the bus stops
- ▶ Refine traffic signals
  - Newmarket/Shirley
  - Magazine
  - Allstate
- ▶ Fine-tuning plans for:
  - Stop & Shop bus stops
  - Enterprise/Clapp intersection
  - Columbia Rd bus stops



CONCEPT 1 – FLOATING BUS STOP ISLAND  
CROSS SECTION, VIEW SOUTHBOUND