

# N. Humboldt Boulevard

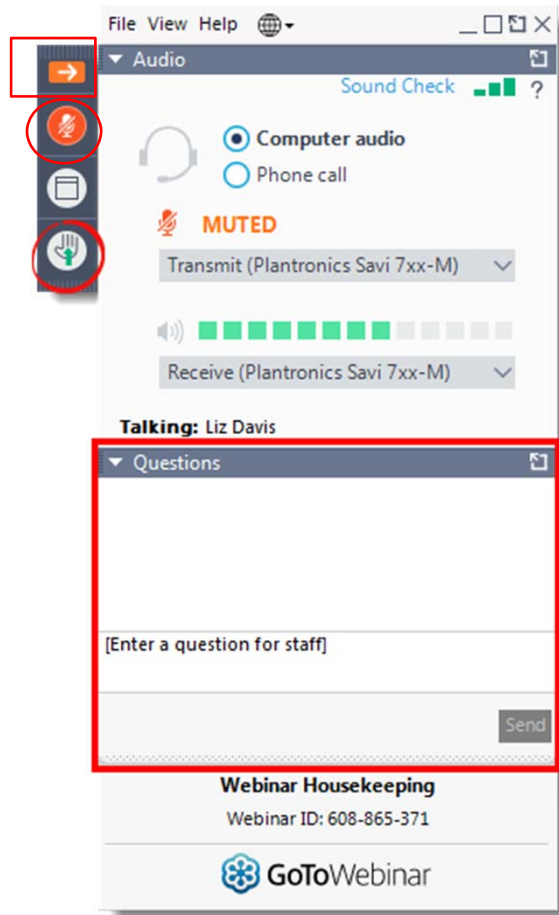
**Limits: E. North Avenue to E. Keefe Avenue**  
**Project ID: 2667-03-01**

Welcome to  
Public Information Meeting #3

September 23, 2020



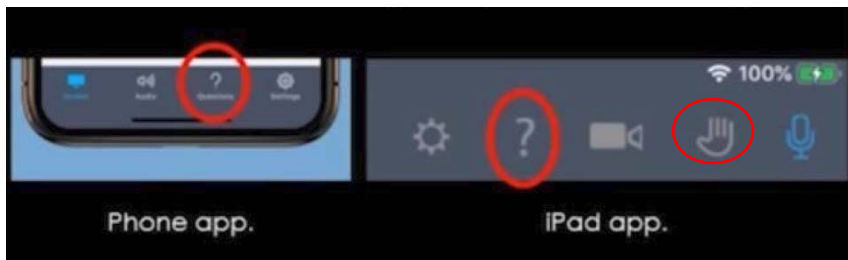
# GoToWebinar Basics



## Your Participation

**Note:** Today's presentation is being recorded  
→ Open and close your control panel

- Attendees will be muted during the presentation
- Please submit your questions and comments using the Questions panel
- Attendees who wish to speak, please raise your hand. The host will be alerted and will unmute you for verbal questions or comments. This feature will only be turned on during the QA segment.



# Public Information Meeting #3 Overview

- Introductions
- General Project Information
- Public Information Meeting #2 Recap
- Alternatives Discussion
- Q & A

## General Project Information

- Roadway Jurisdiction: Local Road
- Functional Classification: Minor Arterial
- Total Project Length: 1.5 miles
- Project type: Reconstruction
- Estimated Construction Cost: \$6.5M - \$7.5M
- Funding: 80% Federal STP Funds, 20% Local Match

## General Project Goals

- **Reduce motor vehicle speeds**
- **Make the street safer for all users, with a focus on pedestrian and bicyclist safety**
- **Maintain or enhance existing green space and landscaping**
- **Improve operational characteristics and safety of the street by addressing the underlying pavement conditions**

## Public Information Meeting #2 Recap

- **Held February 26, 2020 at the Gordon Park Pavilion**
- **PIM #2 materials can be found on the project website**
- **Local Concerns Identified:**
  - **Travel Lane Width**
  - **Speed Reduction**
  - **Lead water service replacement**
  - **Parking**
  - **Green Spaces**
  - **Bike Accommodations**

# Alternatives



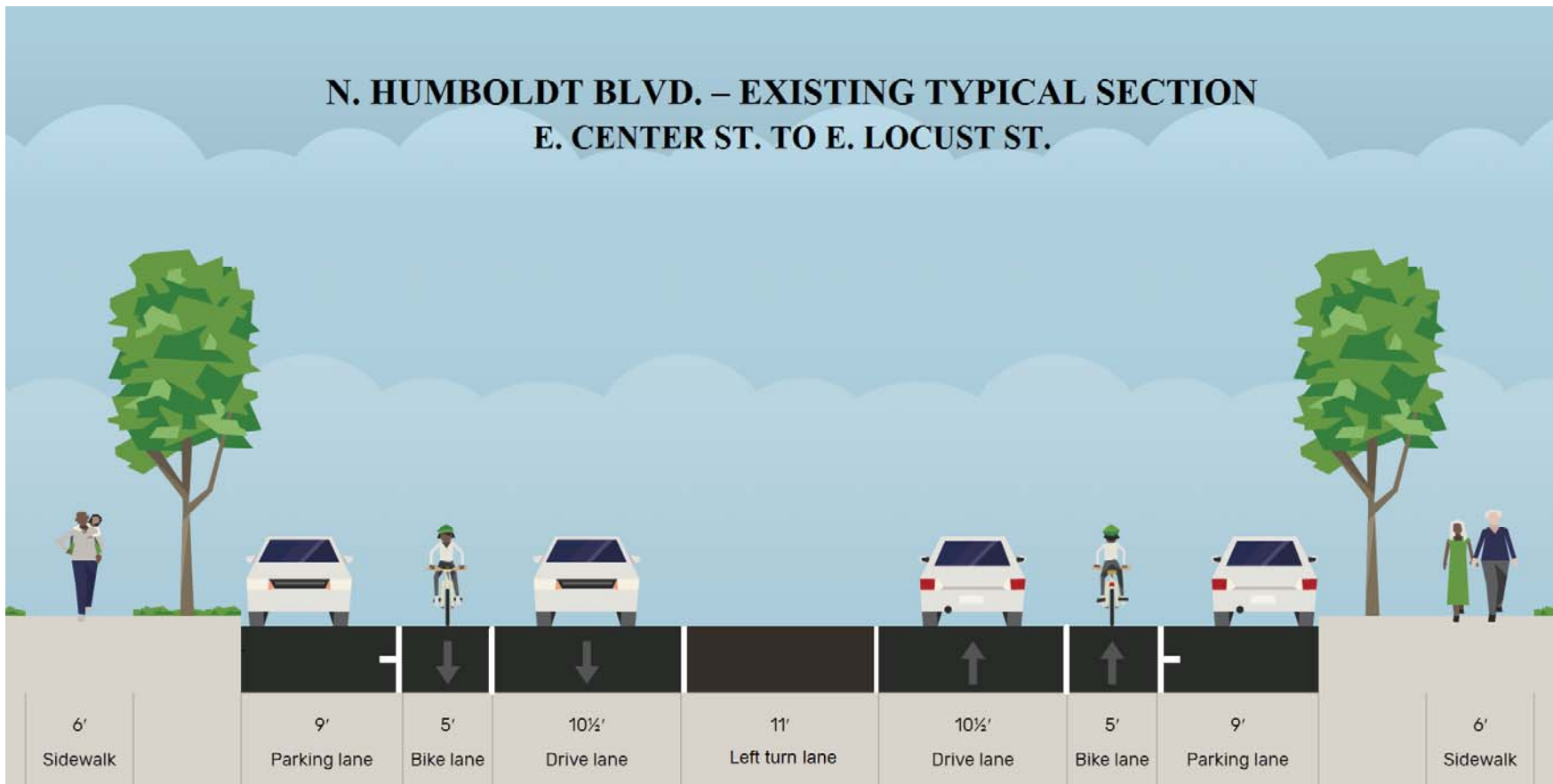
- **Alternative 1: Standard bike lane**
- **Alternative 2: Protected bike lane**

Picture: Higgins Ave., Missoula, MT

- Existing Typical Section (E. Center St. to E. Locust St. shown)

One vehicle travel lane and one parking lane in each direction

Standard bike lane

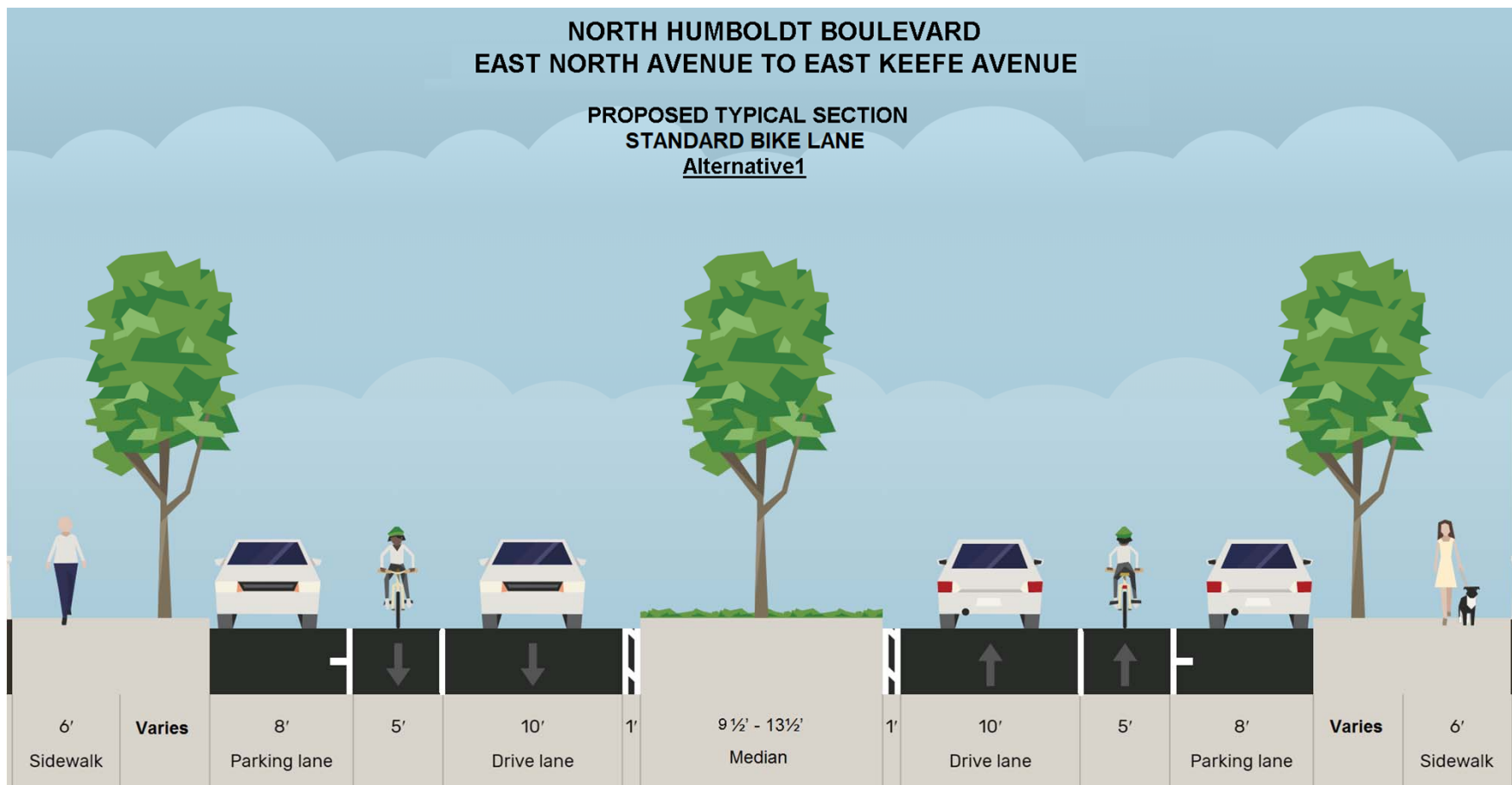




- Alternative 1 Typical Section (Presented at PIM #2)

One vehicle travel lane and one parking lane in each direction

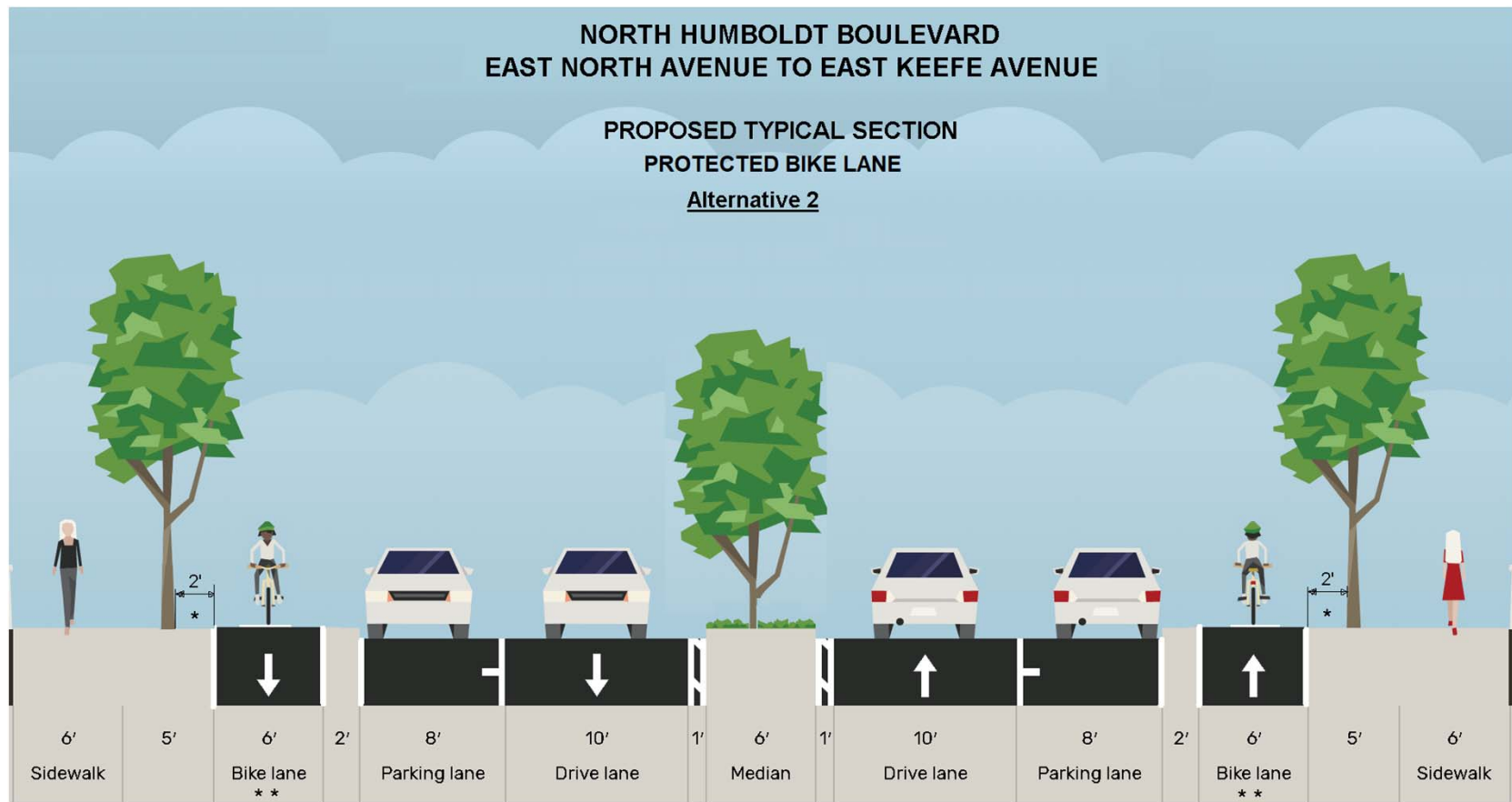
Standard bike lane



## Alternative 2 Typical Section

One vehicle travel lane and one parking lane in each direction

Protected bike lane



\* 3' offset to trees (East Locust Street to East Keefe Avenue)

\*\* 5' bike lane (East Meinecke Avenue to E Center Street)

# Protected Bike Lane: Design Considerations

- Lateral clearance (trees & signs)
- Buffer (parking lane)
- Separate from sidewalk
- Curb extension/bump-outs
- Intersection treatments
  - Separated movements
- Right turn lanes

PICTURE: Western Ave., Cambridge MA



# Alternatives Comparison

## Both Alternatives:

- **Maintain symmetry of the boulevard**
- **Maintain on-street parking on both sides of the street**
  - **except at intersections**
- **Minimize impacts to mature trees in the terrace**
- **Include ADA compliant curb ramps, upgraded signals, drainage improvements, lighting upgrades, sidewalk replacement**

## **Alternatives Comparison (cont'd)**

### **Alternative 1: Standard bike lane**

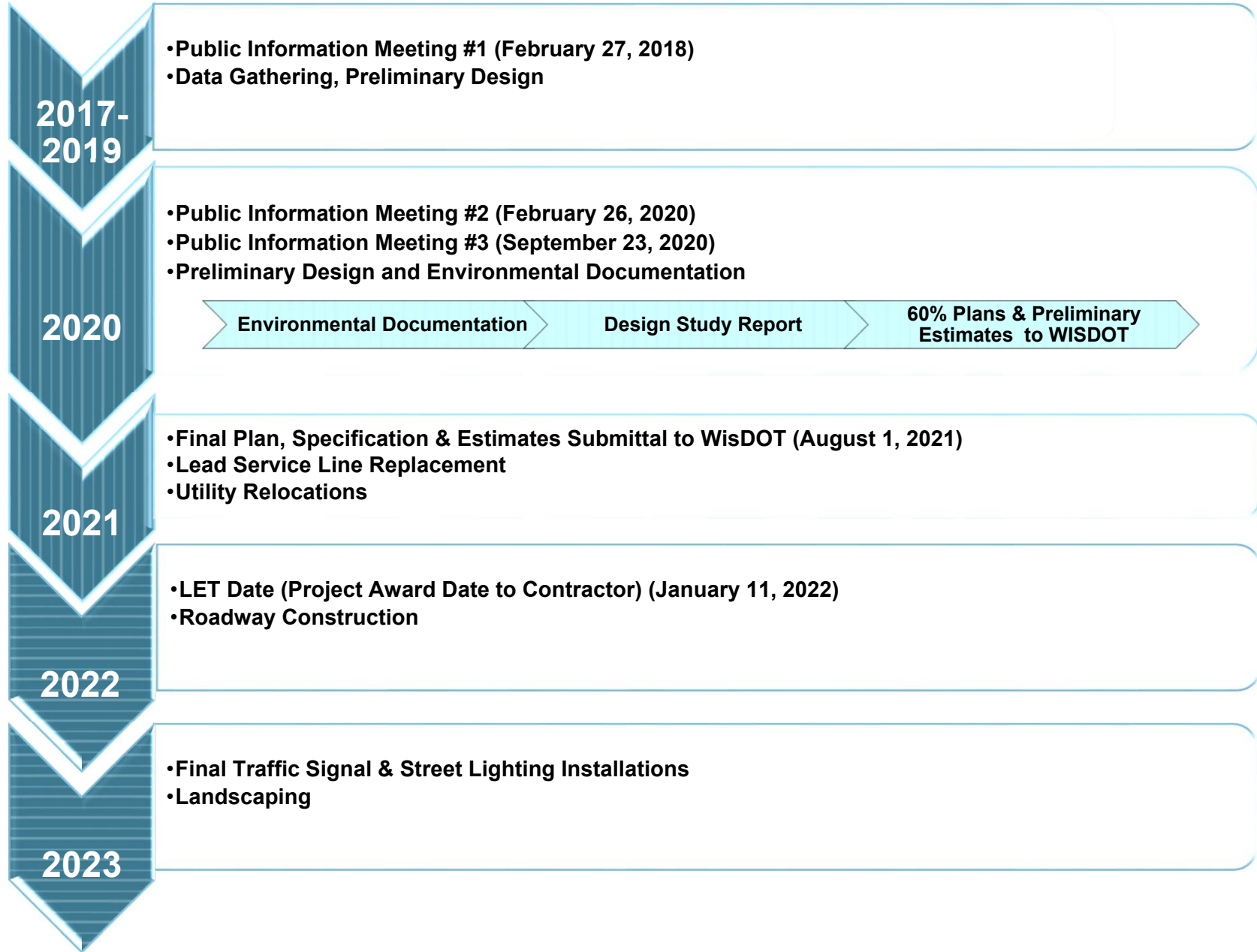
- **Median width can accommodate Signature Beds**
- **Median width minimizes impacts to median trees**
- **Raised median at intersection can accommodate signals, lights, signs, and pedestrian refuge**
- **Minimal lane shift due to left turn lanes at intersections**
- **Typical section familiar to users**

## **Alternatives Comparison (cont'd)**

### **Alternative 2: Protected bike lane**

- **Median width can accommodate smaller, modified Signature Beds**
- **Median width may impact median trees (canopy/root system)**
- **Flush median at intersections will not accommodate signals, lights, signs, or pedestrian refuge**
- **Lane shift likely at intersections due to left turn lanes**
- **Additional design considerations required at intersections**
- **Additional caution required for exiting driveways**

# PROJECT SCHEDULE



# QUESTIONS/COMMENTS?

For more information, please contact:

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