

Washington Road Improvements Rye, New Hampshire

LOCAL CONCERNS MEETING
October 24, 2024



Agenda

- Purpose of Meeting
- Purpose of the Project
- Survey
- Existing Conditions
- Potential Options
- Other Safety Measures
- Project Development Process
- Schedule
- Questions and Input from Stakeholders

Purpose of Local Concerns Meeting

- For designers to gain input on the project
- No design performed yet
- Input needed to guide design
- Answer questions
- Provide schedule of work

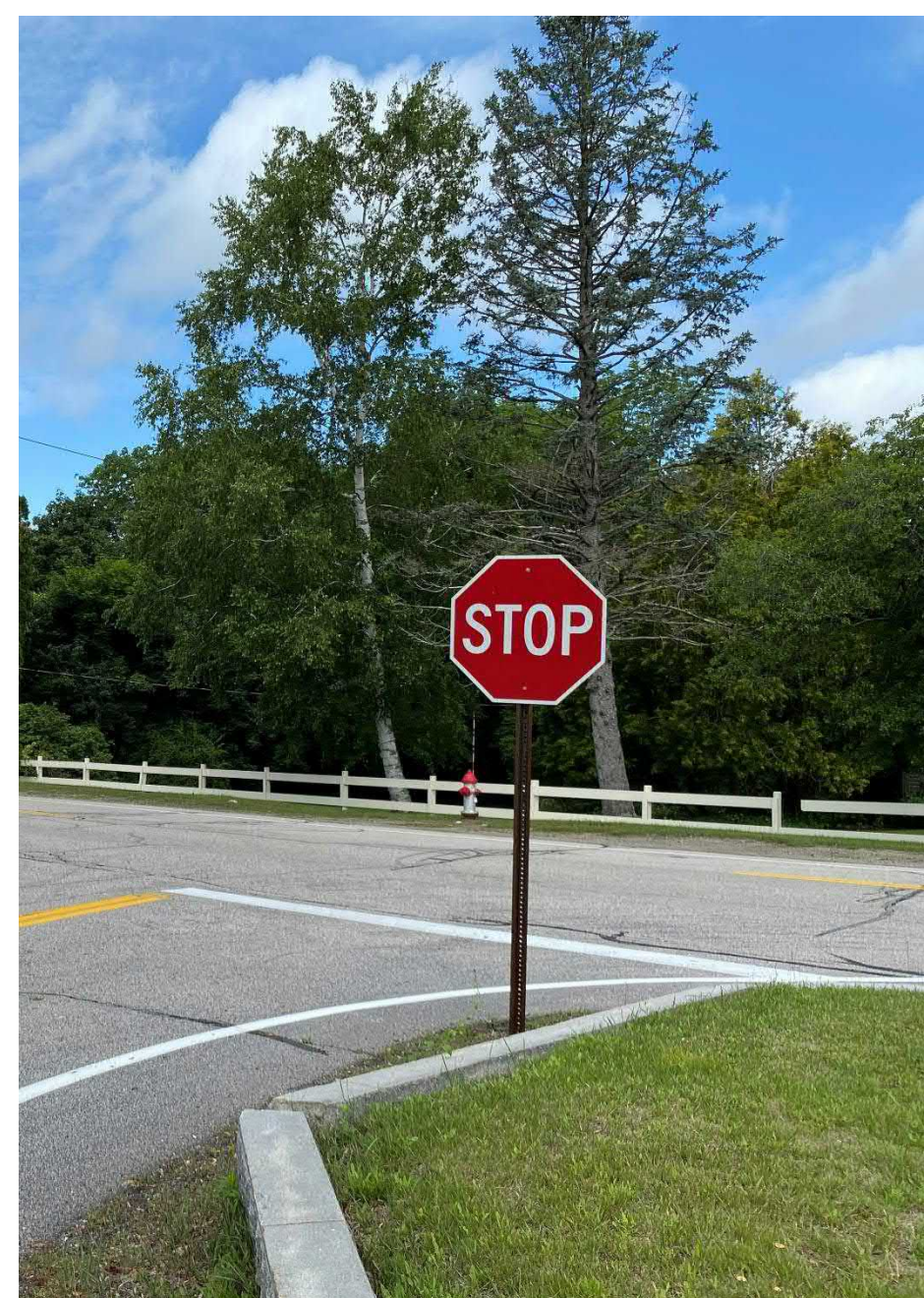
Project Purpose

- Improve safety for all users including school children
- Slow traffic by implementing traffic calming devices and road diet
- Provide walking and biking facilities to connect junior high school to the library



Project Challenges

- Right-of-Way Impacts
- Impact on historic property including stone walls, trees
- Impacts to driveways



Survey Questions

Existing Conditions



Existing Conditions



Existing Conditions



Existing Conditions



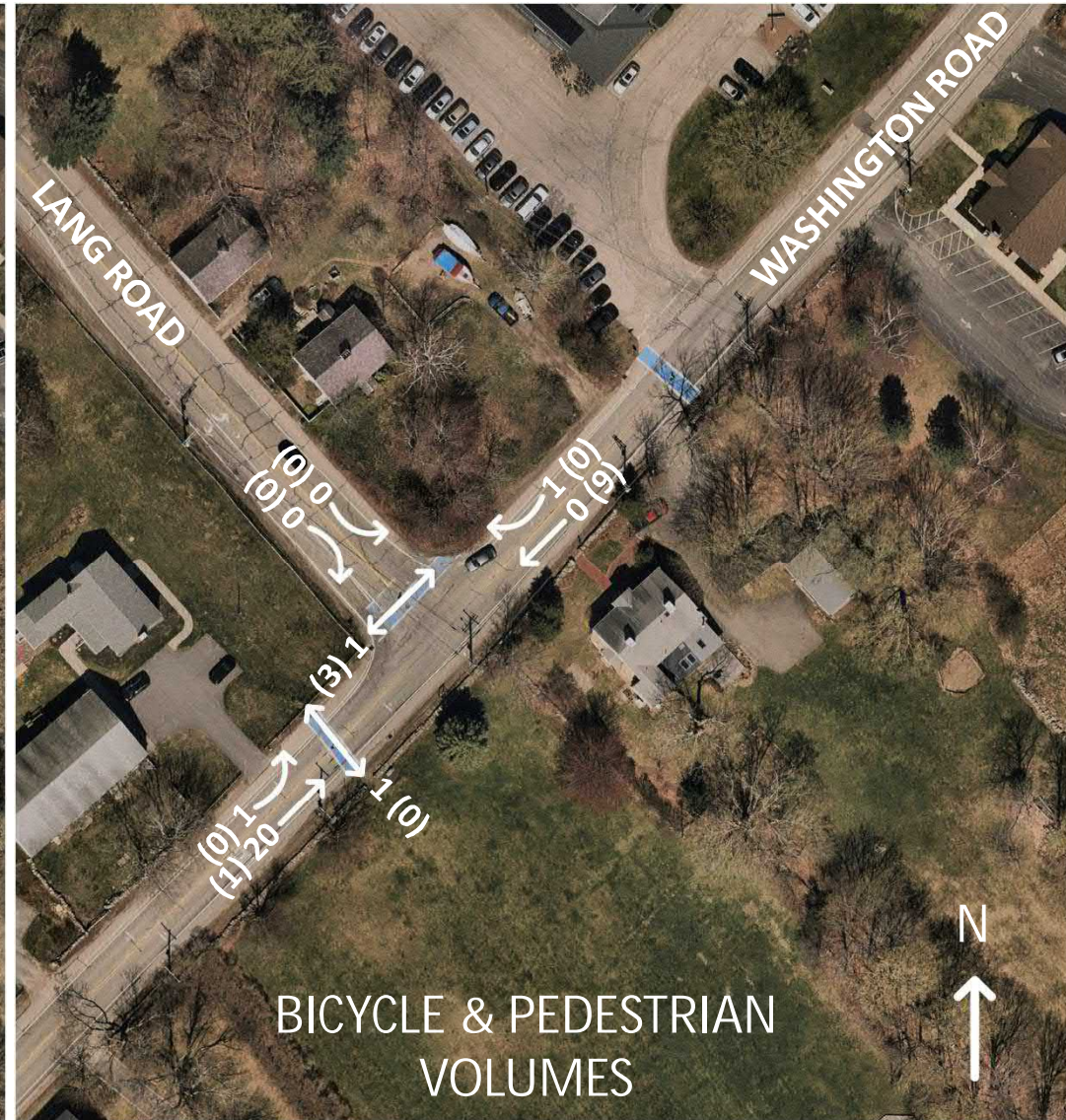
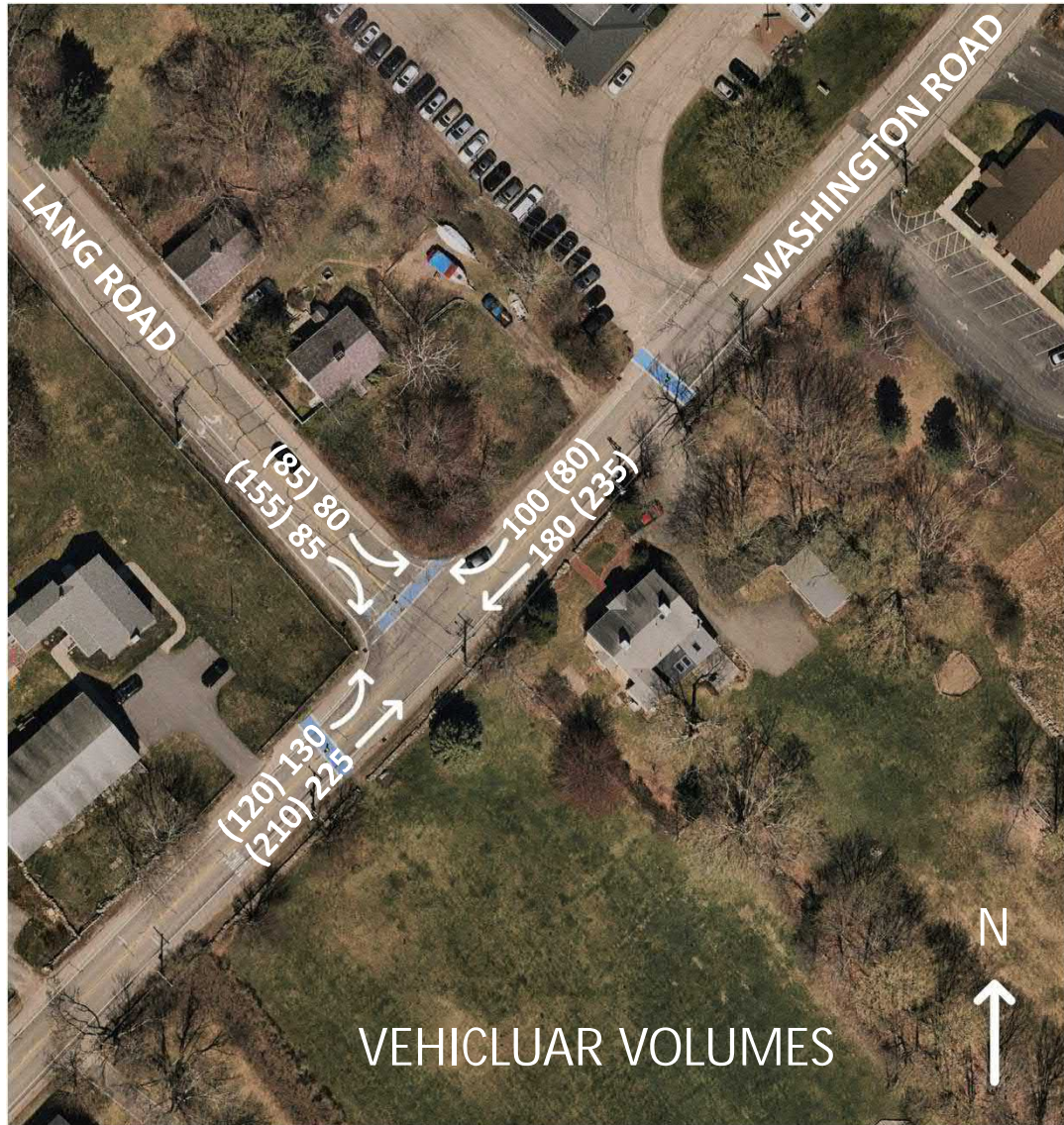
Existing Conditions



Existing Conditions



Existing Conditions – Traffic Volumes

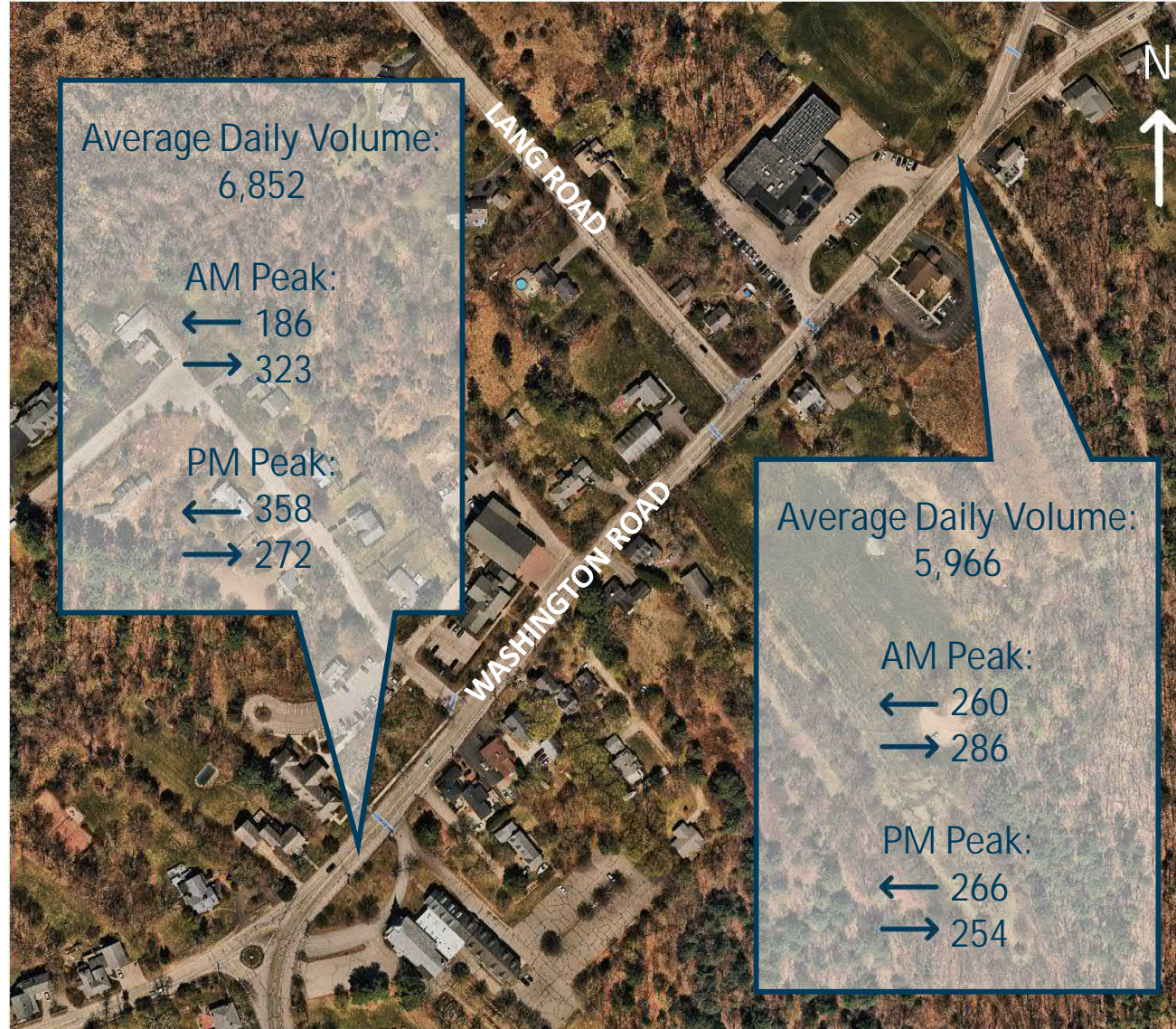


KEY:
AM Peak (PM Peak)

AM Peak: 7:45 AM
PM Peak: 2:45 PM

Turning Movement
Counts Collected
9/12/2024

Existing Conditions – Traffic Volumes



KEY:
AM Peak (PM Peak)

AM Peak: 7:45 AM
PM Peak: 2:45 PM

ATR Counts Collected
9/11/2024 – 9/12/2024

Existing Conditions – Speed Data

Location	Posted Speed Limit	85 th Percentile Speed (MPH)	% of Vehicles Travelling over Speed Limit
Washington Road between Central Road and Walker Lane	30 MPH	27 MPH	9%
Washington Road South of Wallis Road	30 MPH	30 MPH	23%

Existing Conditions – Crash Data (2019-2024)

Washington Road and Lang Road

- 2 crashes in 2022

Washington Road and Wallis Road

- 1 crash 2019

Key Issues & Considerations

Washington Rd Posted Speed = 30 MPH
Average Speed = 32 MPH
85th% Speed = 36 MPH



Limited sight distance existing Town Hall.

Key Issues & Considerations

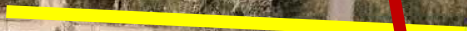
Old Flashing School Zone Sign on each end of school.

Crash history. Recently modified to provide two approach lanes on Lang Rd. Vehicles in right-turn lane block sight distance of motorists turning left. Trucks must cross DYCL making turns into Lang Rd.

50 bikes parked at the school.

Vehicles queue here to pick up students.

Potential pinch point in the cross section.



Pavement drops off into ditch which is hazard for bicyclists.

Access point to Parson's Field.

Potential pinch point in the cross section.

WASHINGTON ROAD

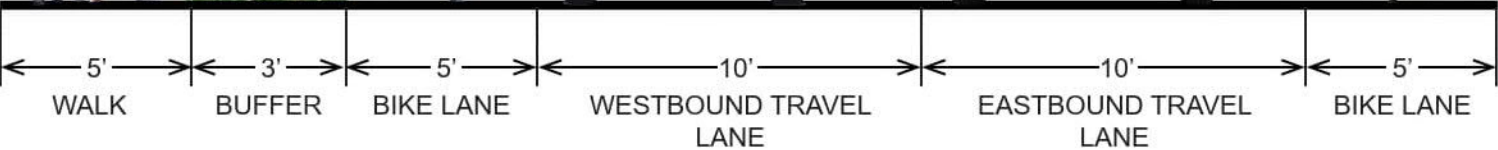
RYE JUNIOR HIGH

Five school buses park here for arrival and dismissal

Police controlled during dismissals.

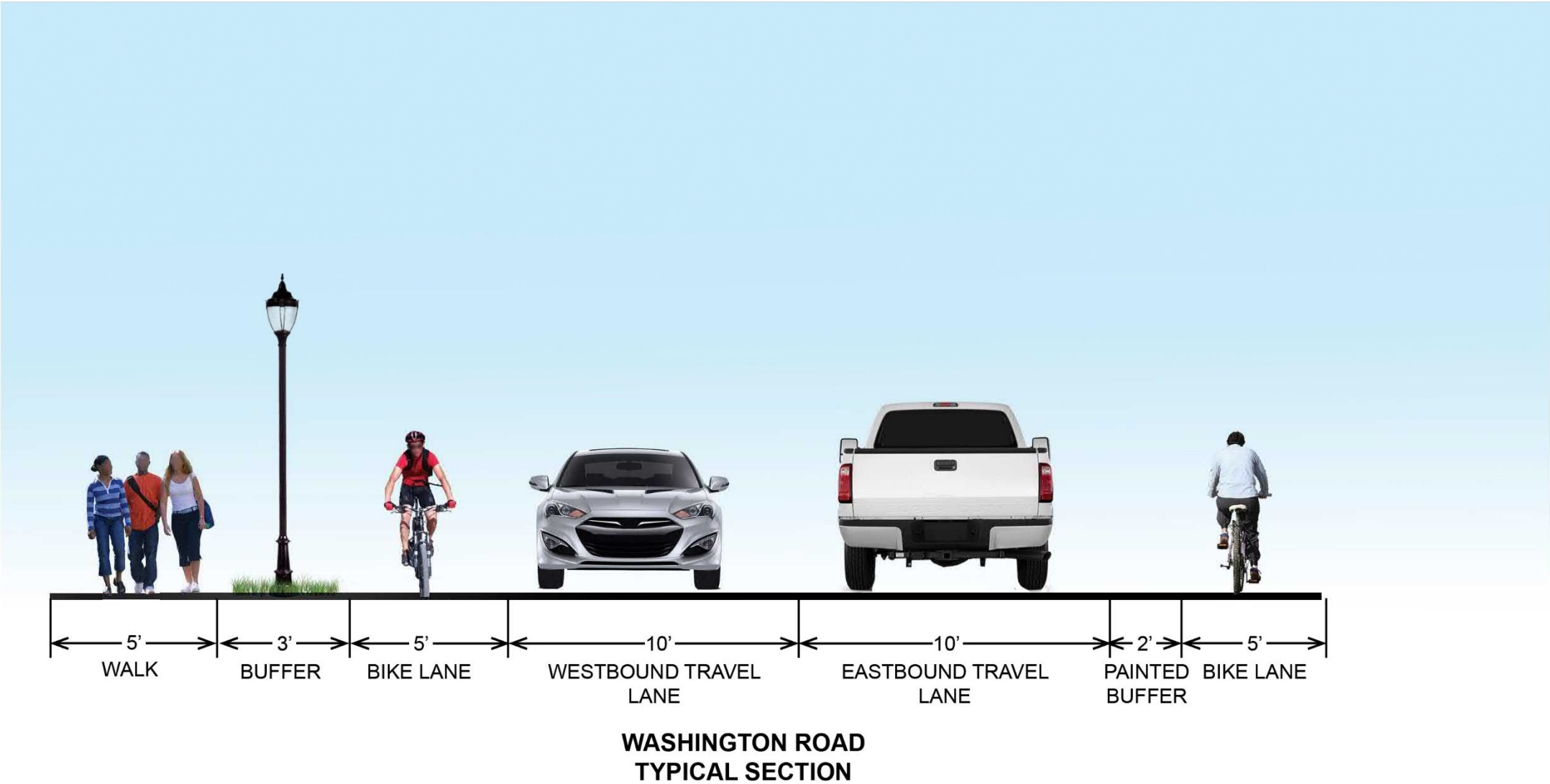
WALLIS ROAD

Potential Options



**WASHINGTON ROAD
TYPICAL SECTION**

Potential Options



Complete Streets Toolbox



CURB EXTENSION



RECTANGULAR RAPID FLASHING
BEACON



RAISED CROSSWALK



PEDESTRIAN SCALE LIGHTING
AND STREET TREES



COUNTDOWN PEDESTRIAN
SIGNAL



SPEED FEEDBACK RADAR SIGN
(Source: Radar sign)

Complete Streets Toolbox



SHARED USE PATH



SHARED USE PATH



SHARED USE SIDE PATH



CONVENTIONAL BIKE LANE



RAIL TRAIL



SIDEWALK LEVEL BIKE LANES

Gateway Signage



Project Development Process

- Engineering Study
 - Evaluate options and develop recommendation
 - Two public meetings
 - Environmental Coordination
- Preliminary Plans
 - Environmental Document
- Final Plans
 - Environmental permitting
 - Right-of-way easements
 - Utility coordination
- Advertise for Construction
- Construction

Schedule

- Engineering Study complete – September 2025
- Preliminary Plans complete – January 2026
- Final Design, ROW, Permitting – Begin March 2026
- Advertise for February 2027
- Construction – Summer 2027

Input from you

- Sidewalks?
- Bike Lanes?
- Safety Measures?



Questions?

