

Day Boulevard Targeted Safety Improvement Project

**MassDOT Highway Division
Department of Conservation and Recreation**

July 18, 2018

Project Team

- MassDOT
 - Project Management
 - Design
 - Implementation
- DCR
 - Roadway Owner
 - Maintenance
- Howard/Stein-Hudson
 - Public Involvement

Road Safety Audit

- Examines existing conditions regarding safety by an independent, multi-disciplinary team
- Conducted in February 2018 at request of South Boston Elected Officials
- Team consisted of:

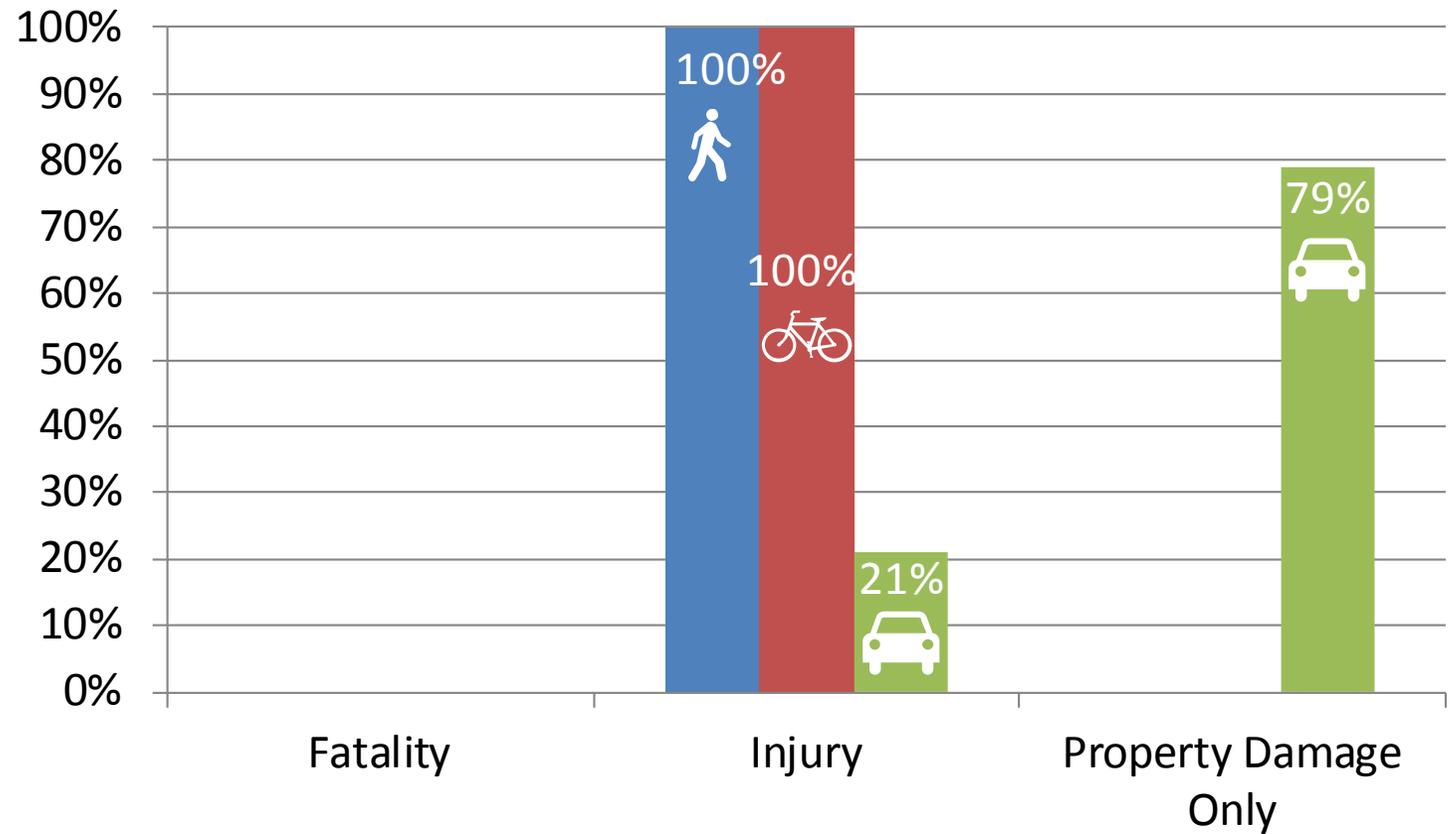
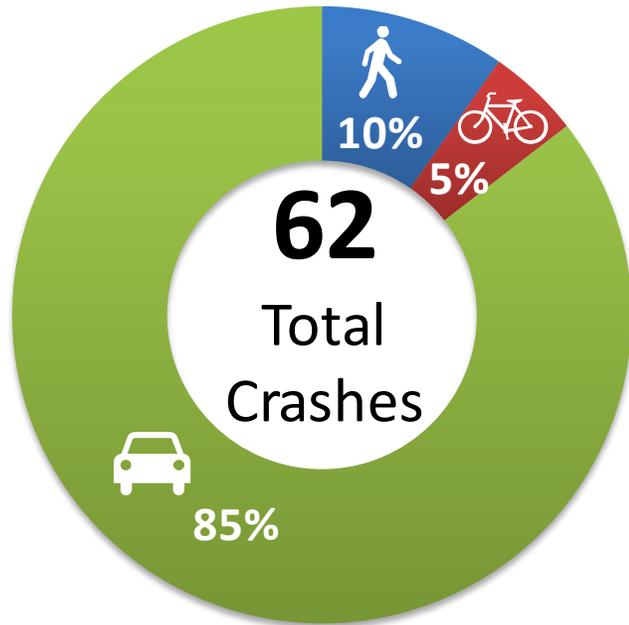


Project Area

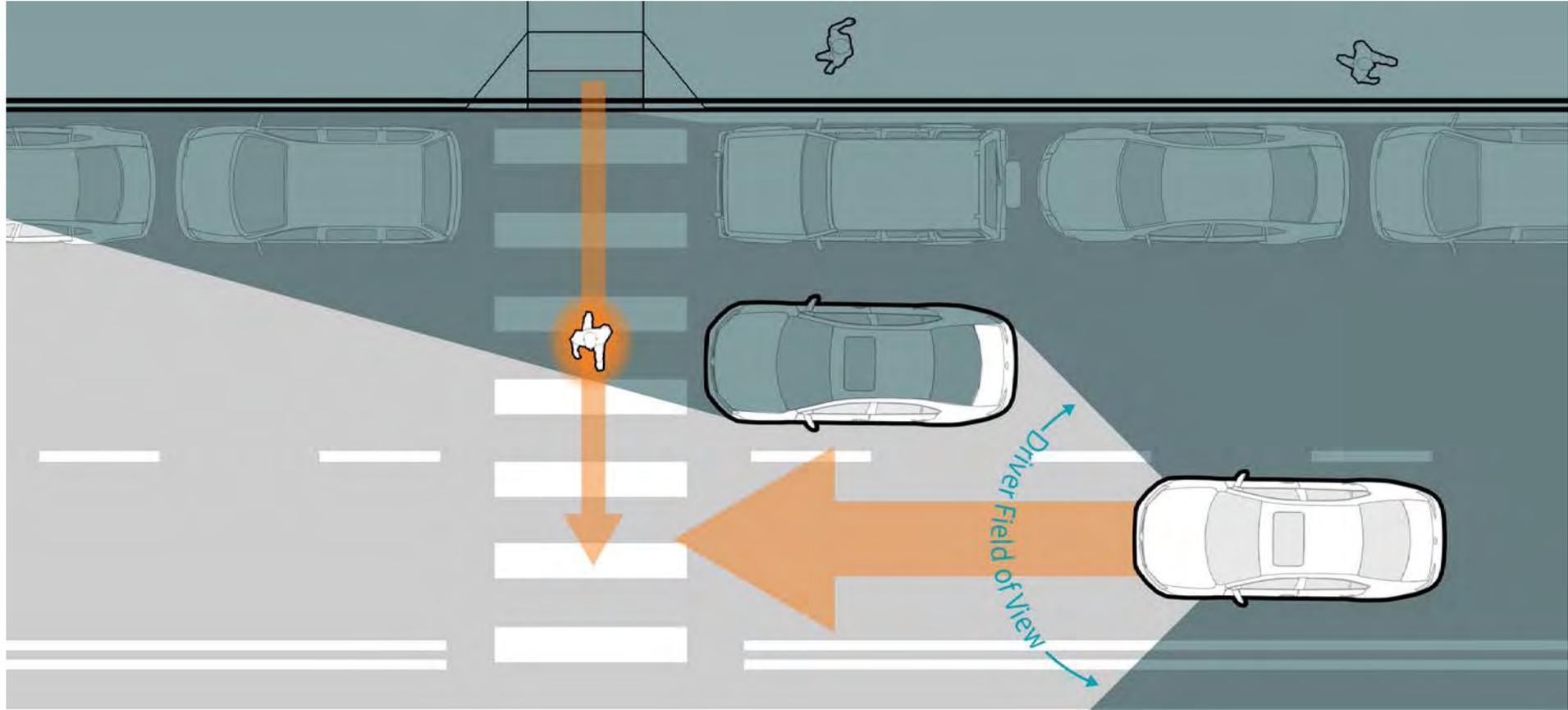


Targeted Improvements
between Massachusetts
State Police Barracks to
Farragut Road

Crash Data, 2014-2016

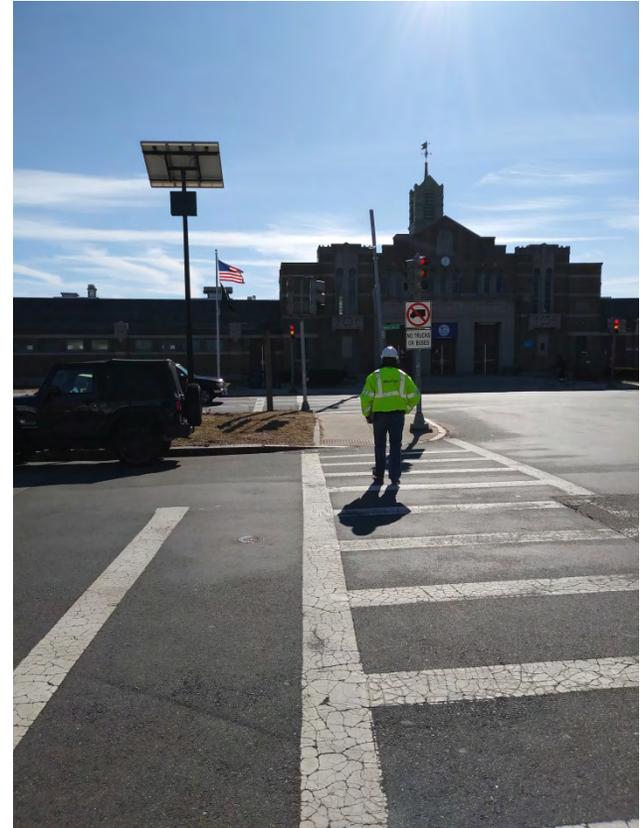


Pedestrian Crash Type



Findings

- 30 existing pedestrian crossings
- Inconsistent treatment at crosswalks
- Lack of visibility for people crossing
- Excess capacity for people driving
- High vehicle speeds
- Inconsistent traffic signal controls and signs
- Inconsistent markings for on-street parking
- Lack of on-street bicycle facilities



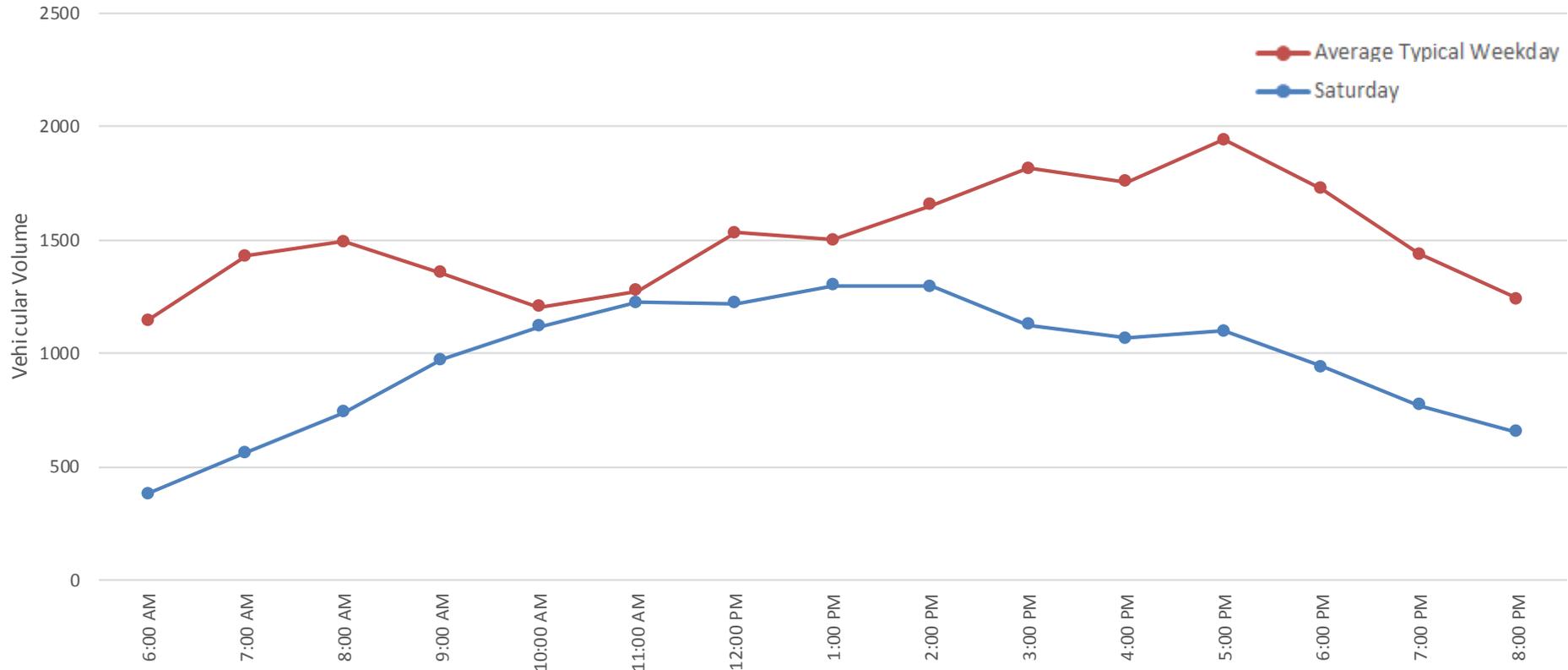
Existing Conditions

- Classification: arterial roadway
- State Police driveway to I Street
 - 4 travel lanes + no parking
- I Street to O Street
 - 3 travel lanes + parking on north side
- O Street to Farragut Road
 - 2 travel lanes + parking both sides
- Pavement width: 40-42 feet



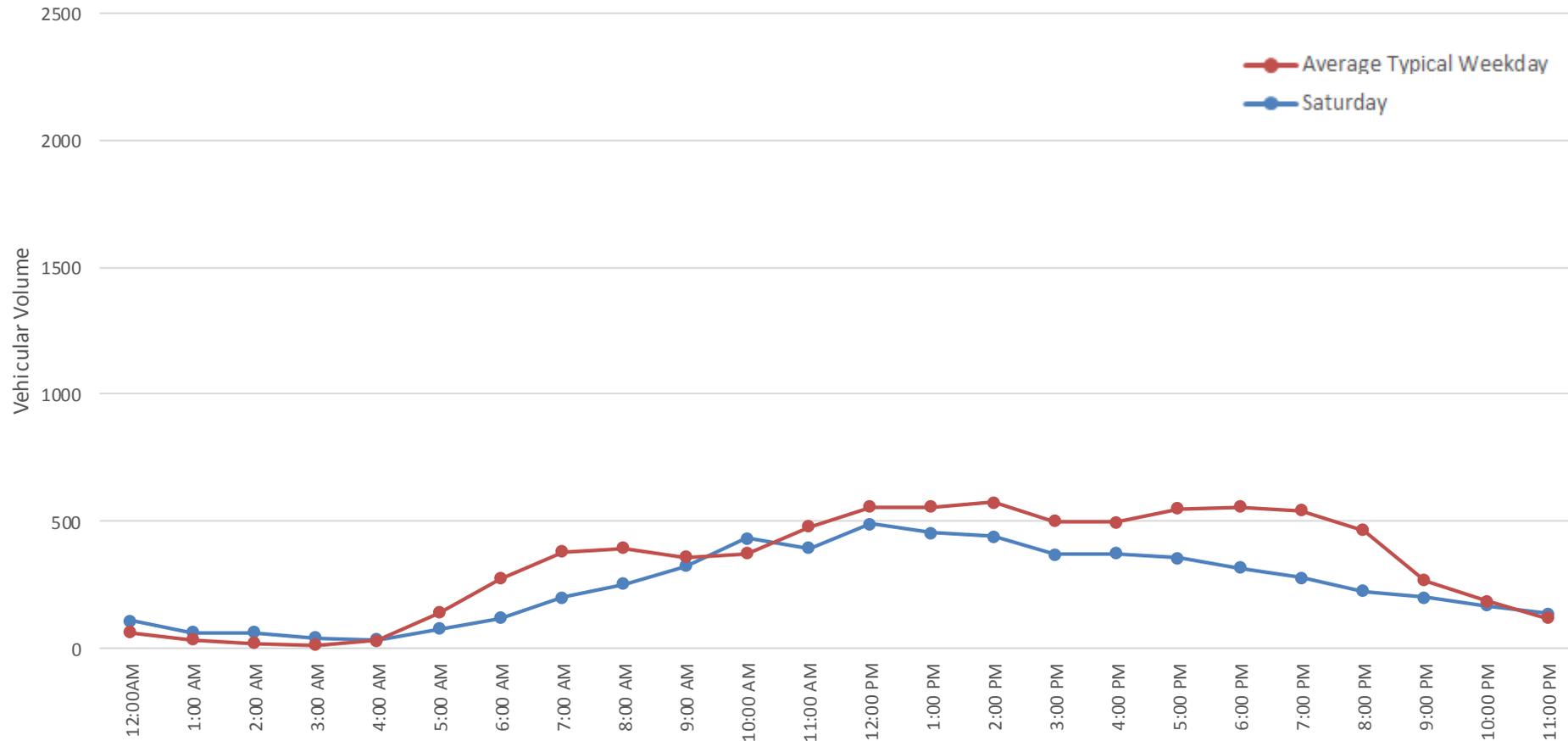
Hourly Vehicle Volumes

Day Boulevard at Babe Ruth Park Drive



Hourly Vehicle Volumes

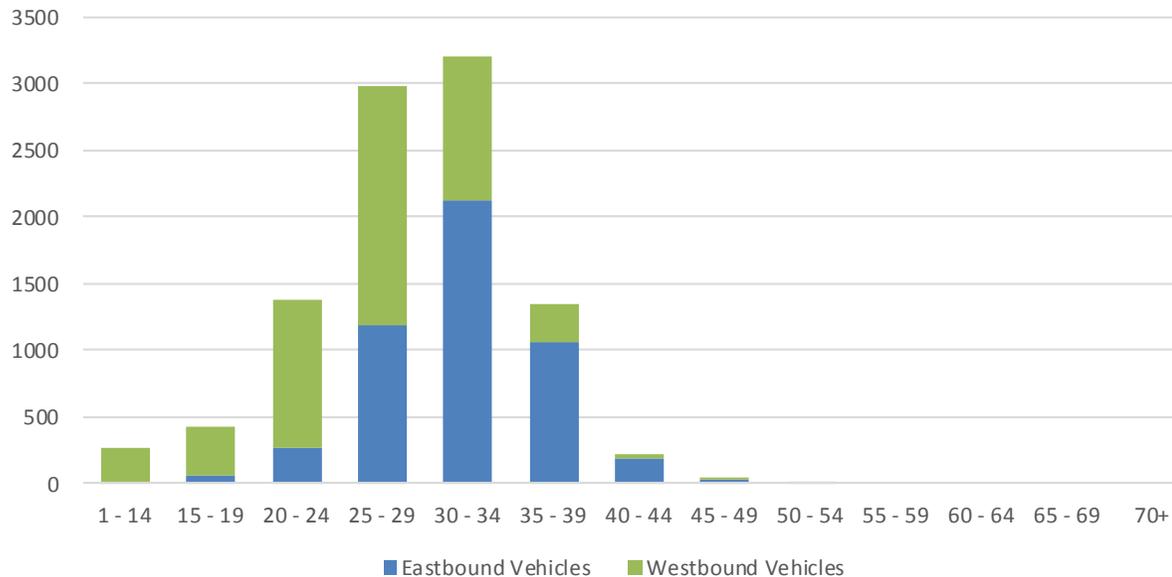
Day Boulevard at N Street



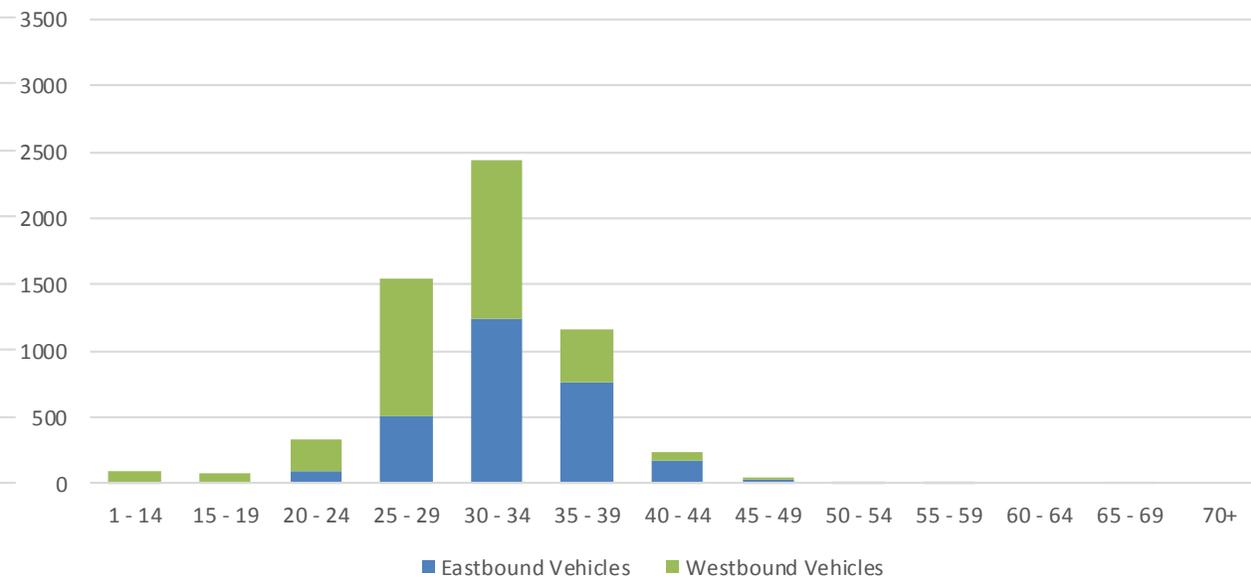
Vehicle Speeds

- Posted speed limit = 30 MPH

Weekday Daily Vehicular Speeds

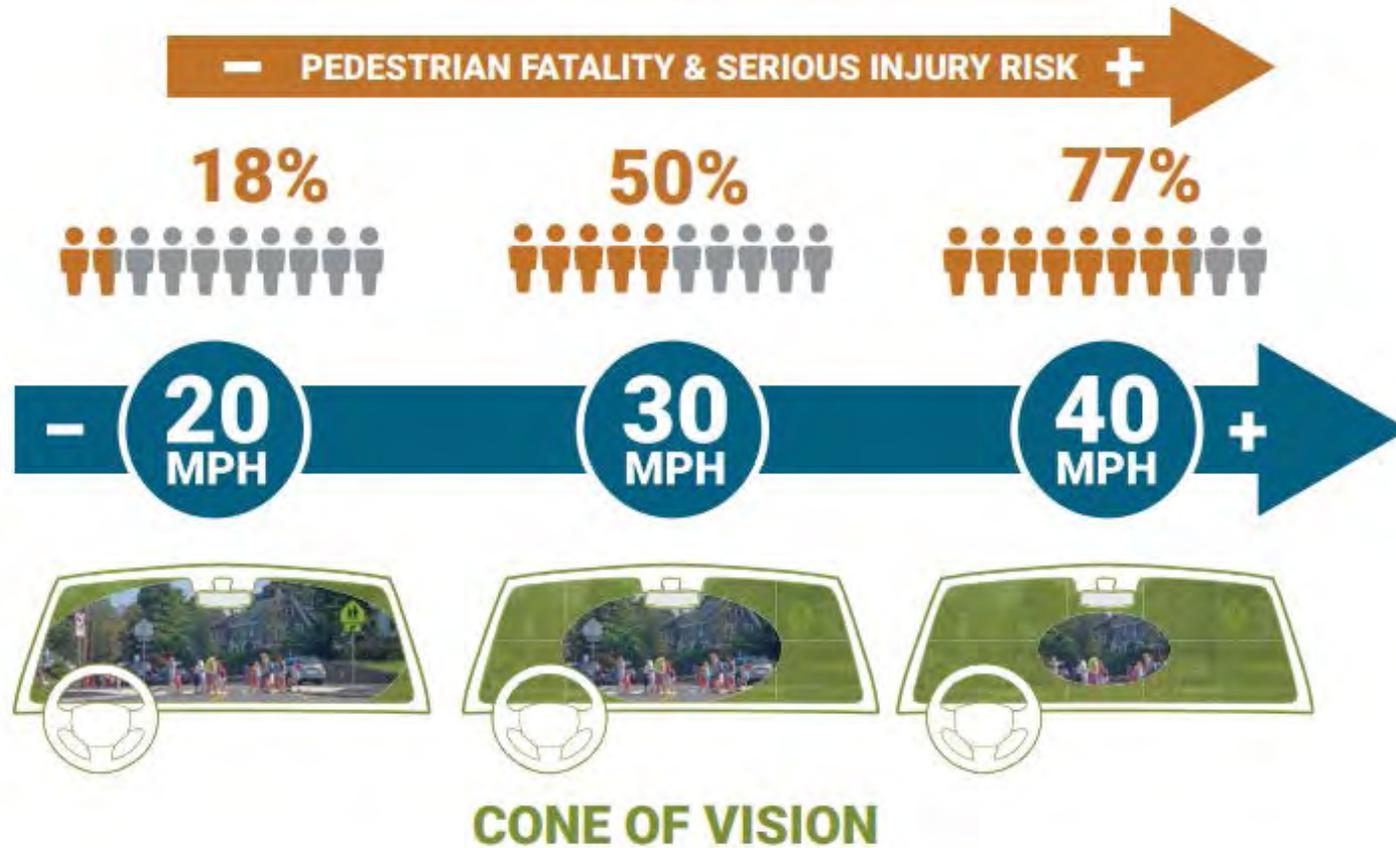


Saturday Daily Vehicular Speeds

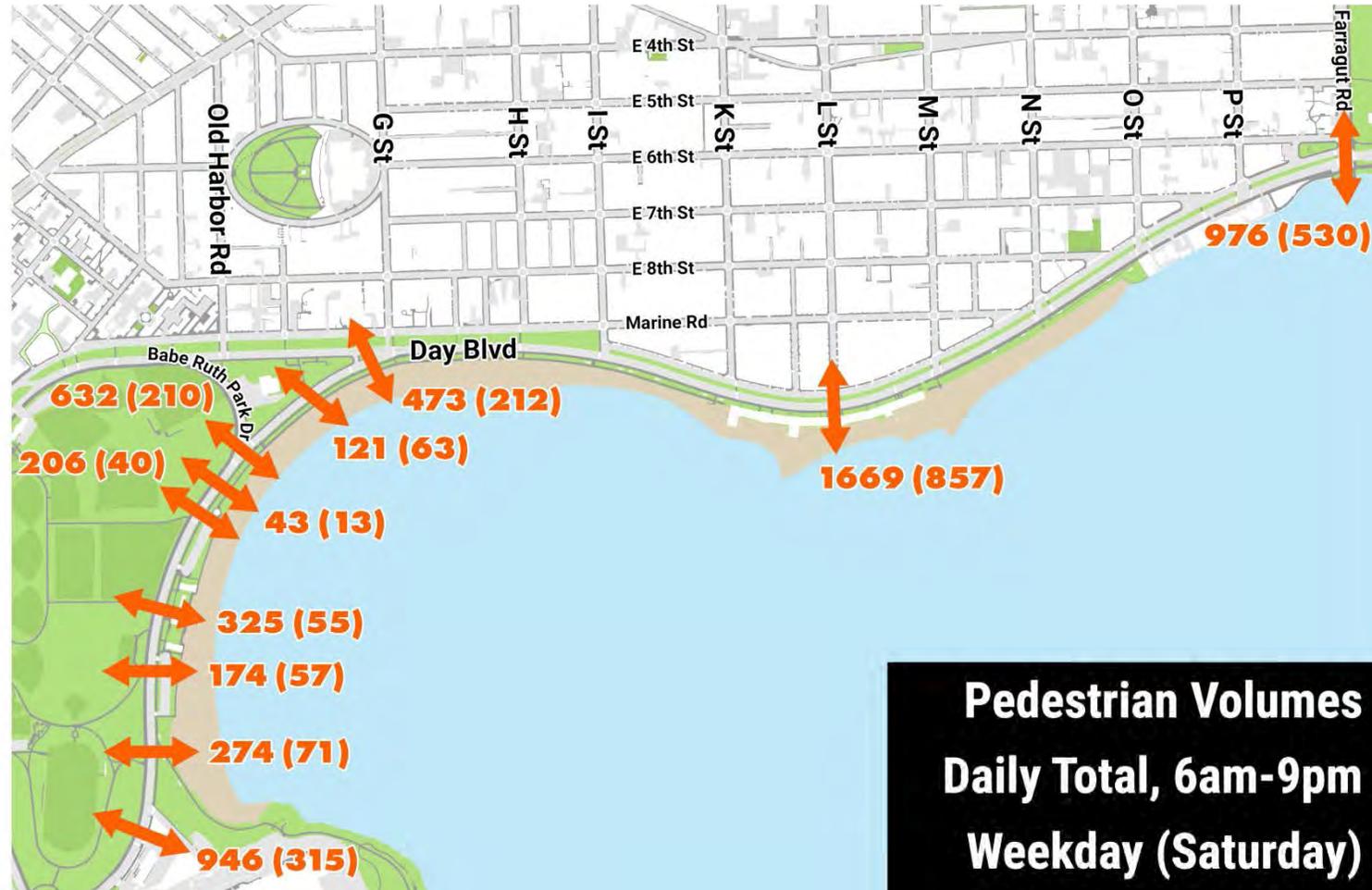


- Weekday: average 18% of vehicles were traveling 35 MPH and over
- Saturday: average 25% of vehicles were traveling 35 MPH and over

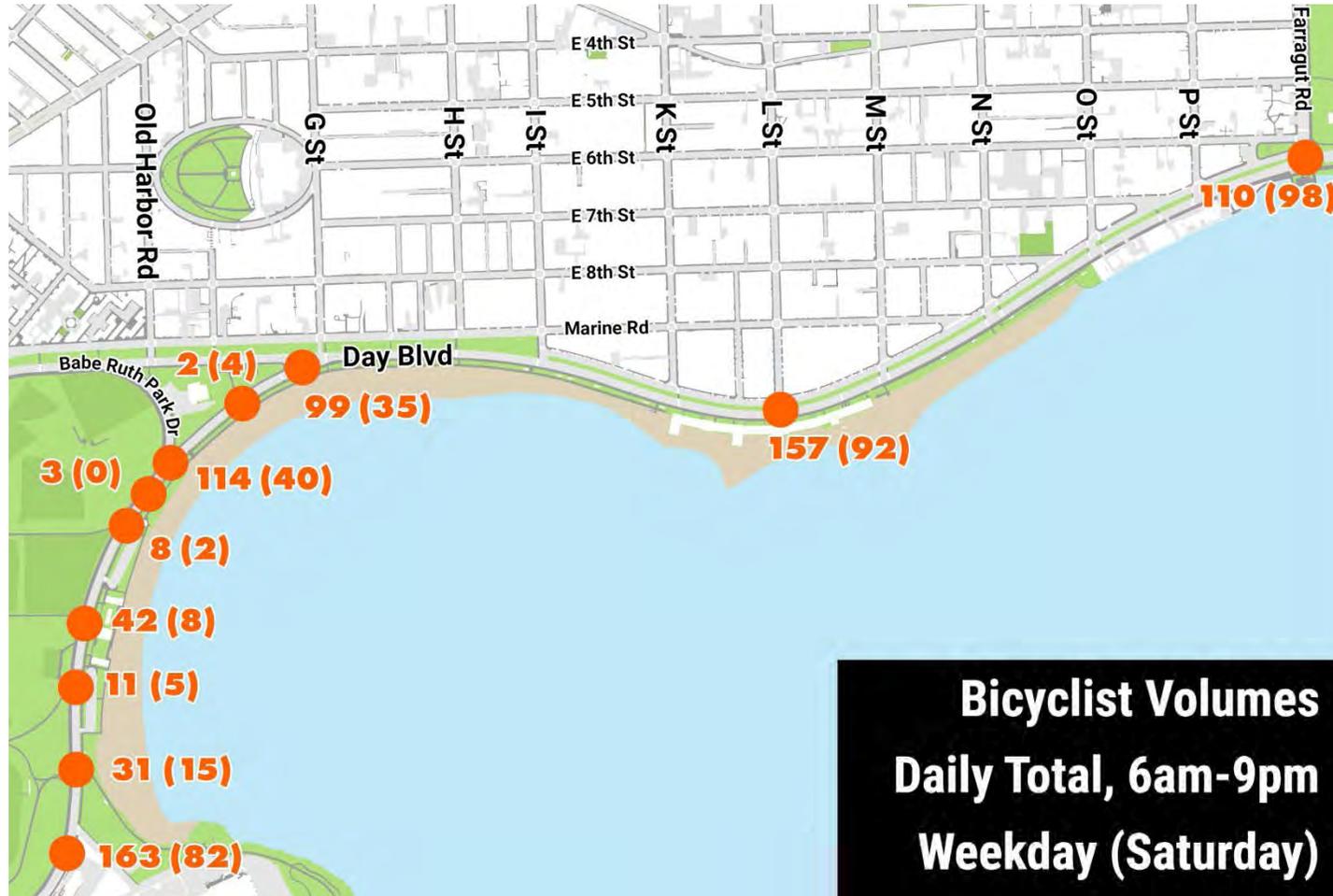
Vehicle Speeds



People Crossing



People Biking



Next Steps

- Gather feedback
- Continue community engagement
- Identify safety countermeasures
- Implement targeted safety improvements
- Gather data on effectiveness

Open House

What would you like to see on Day Boulevard?

Provide your ideas and comments

The presentation made will be viewable after the public meeting on DCR's website at www.mass.gov/dcr/past-public-meetings. The public will be invited to submit comments after the meeting, with a deadline for receipt by DCR of August 15, 2018. Comments may be sent to Jeff Dietrich at jdietrich@hshassoc.com or by phone at 617-482-7080 x220

The Road Safety Audit is available online at:

http://www.massdot.state.ma.us/Portals/8/docs/traffic/SafetyAudit/District6/Boston_Day%20Boulevard_StatePoliceBarracks_FarragutRd.pdf