



BASSETT STREET

Transportation Policy and Planning Board
March 4, 2019

Mike Cechvala
mcechvala@cityofmadison.com

Alexandra Heinritz
aheinritz@cityofmadison.com

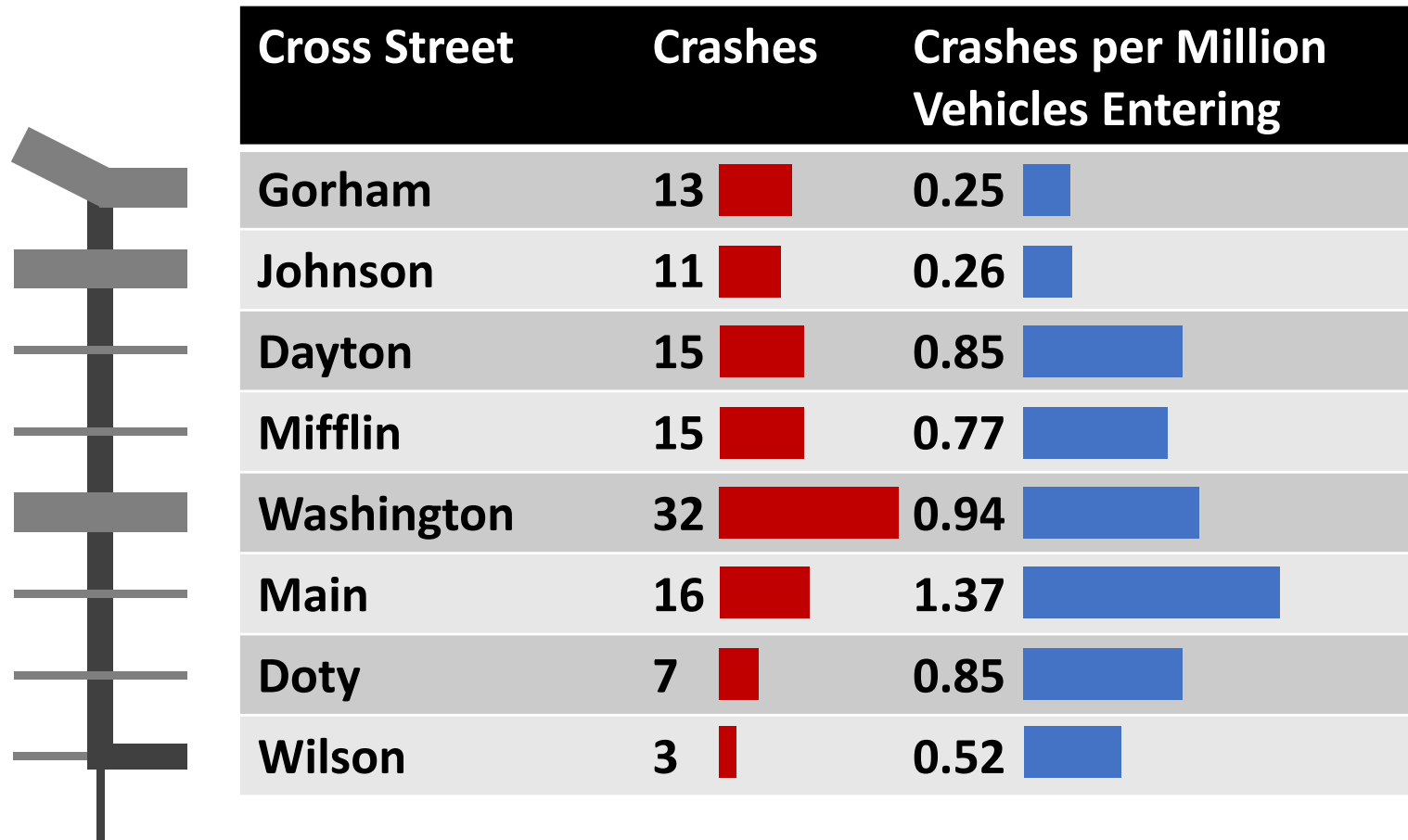
Location Map



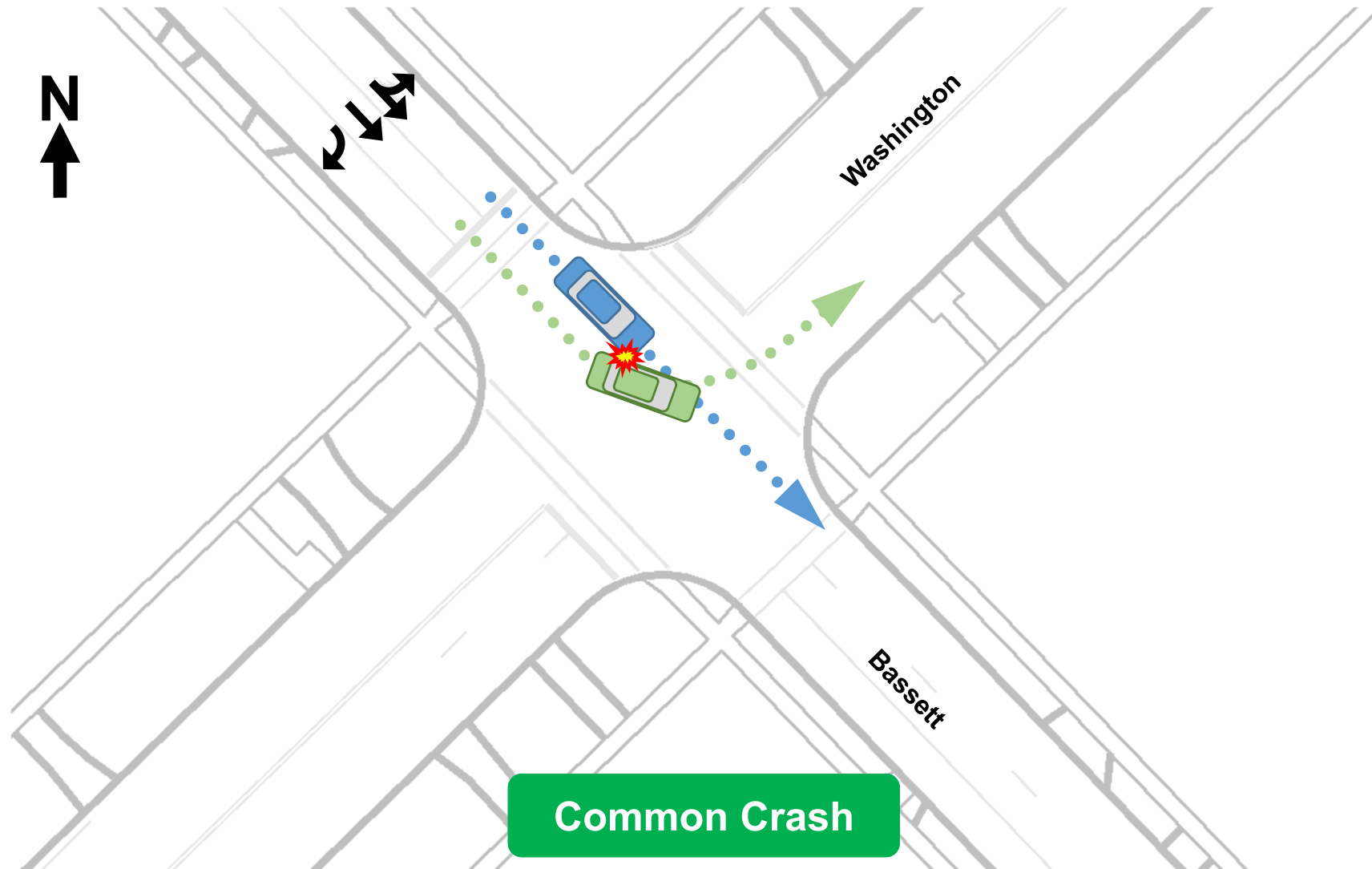
Daily Traffic Volumes



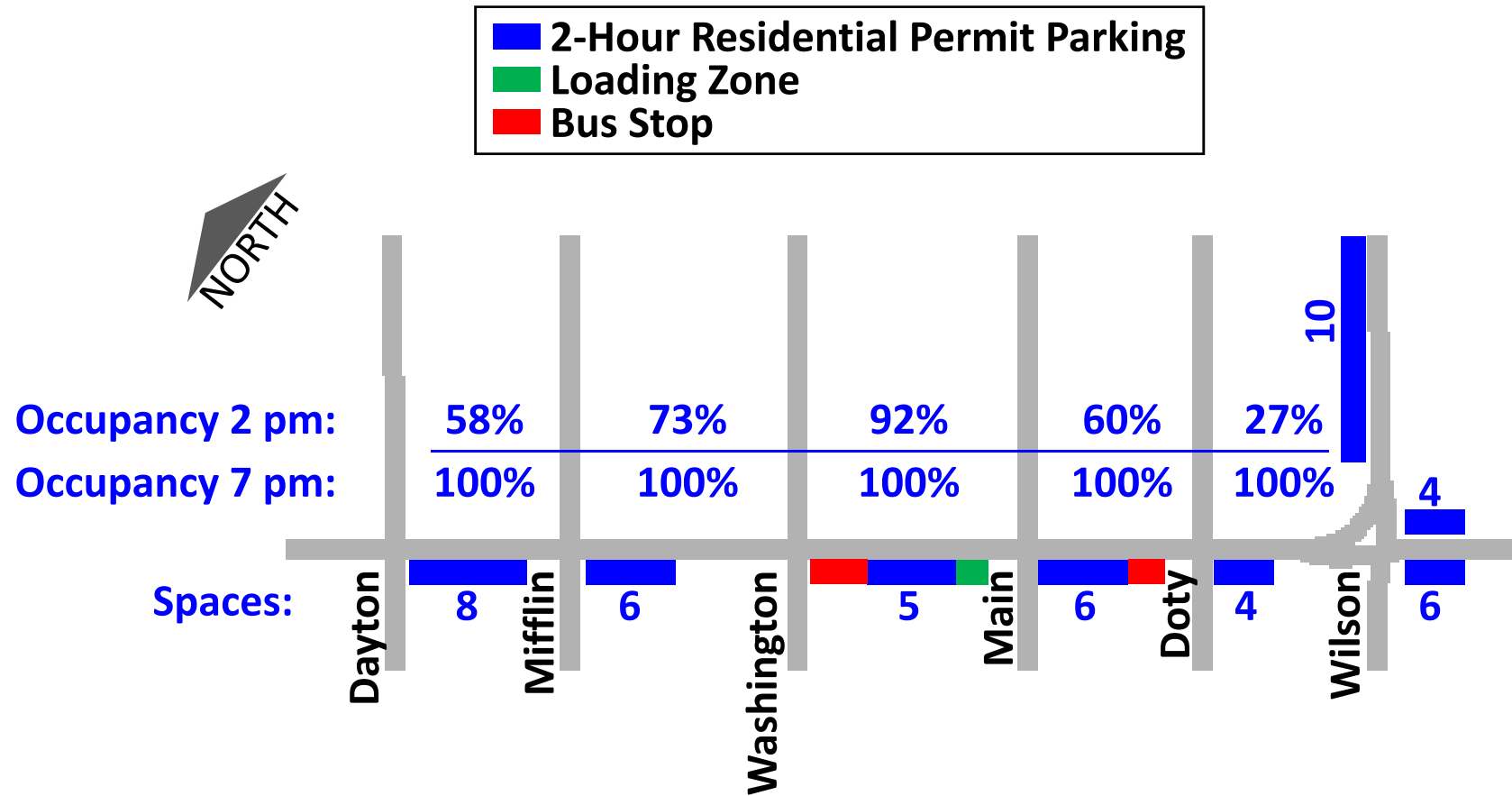
Crashes 2013-2017



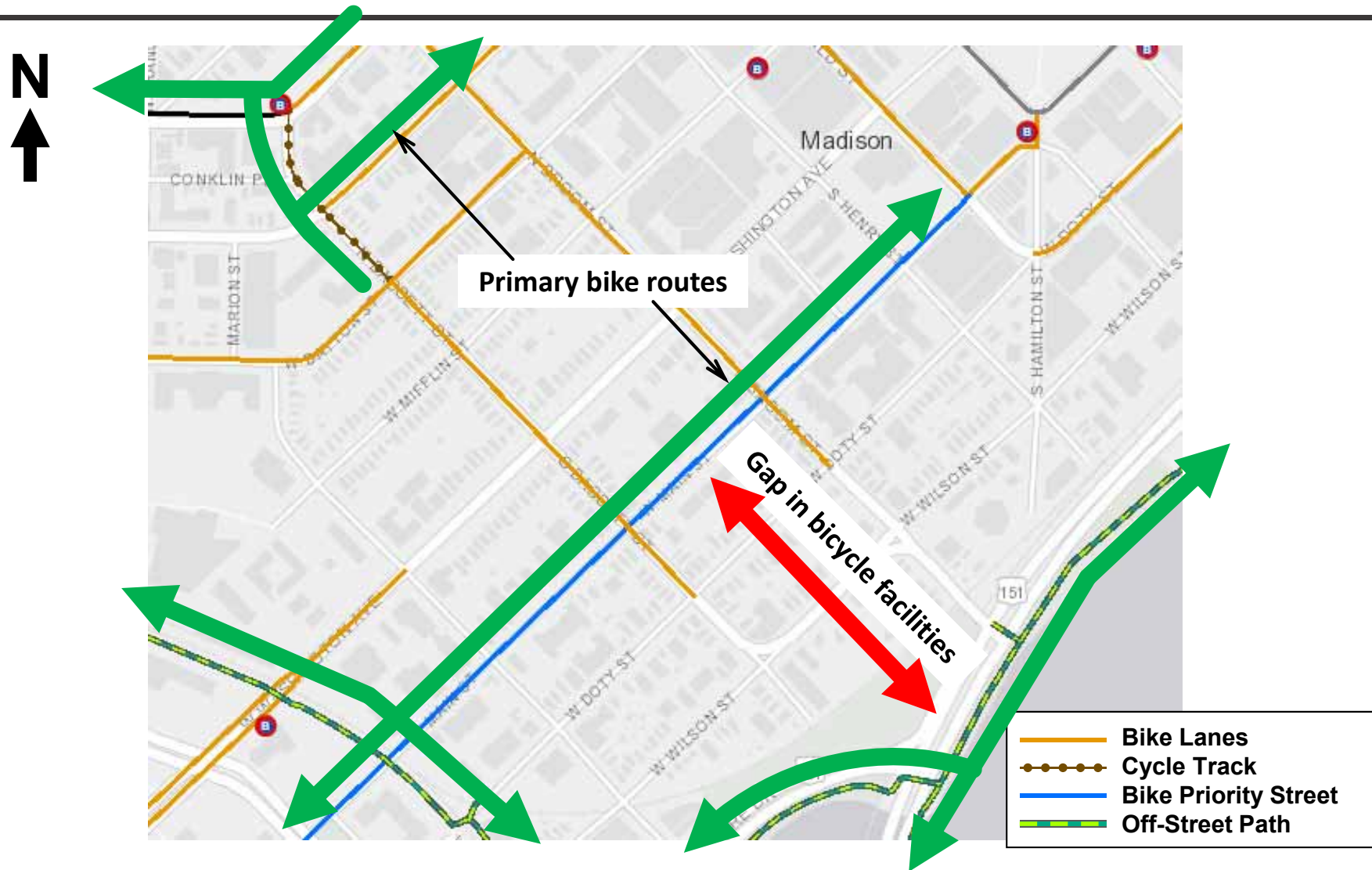
Crashes at West Washington Avenue



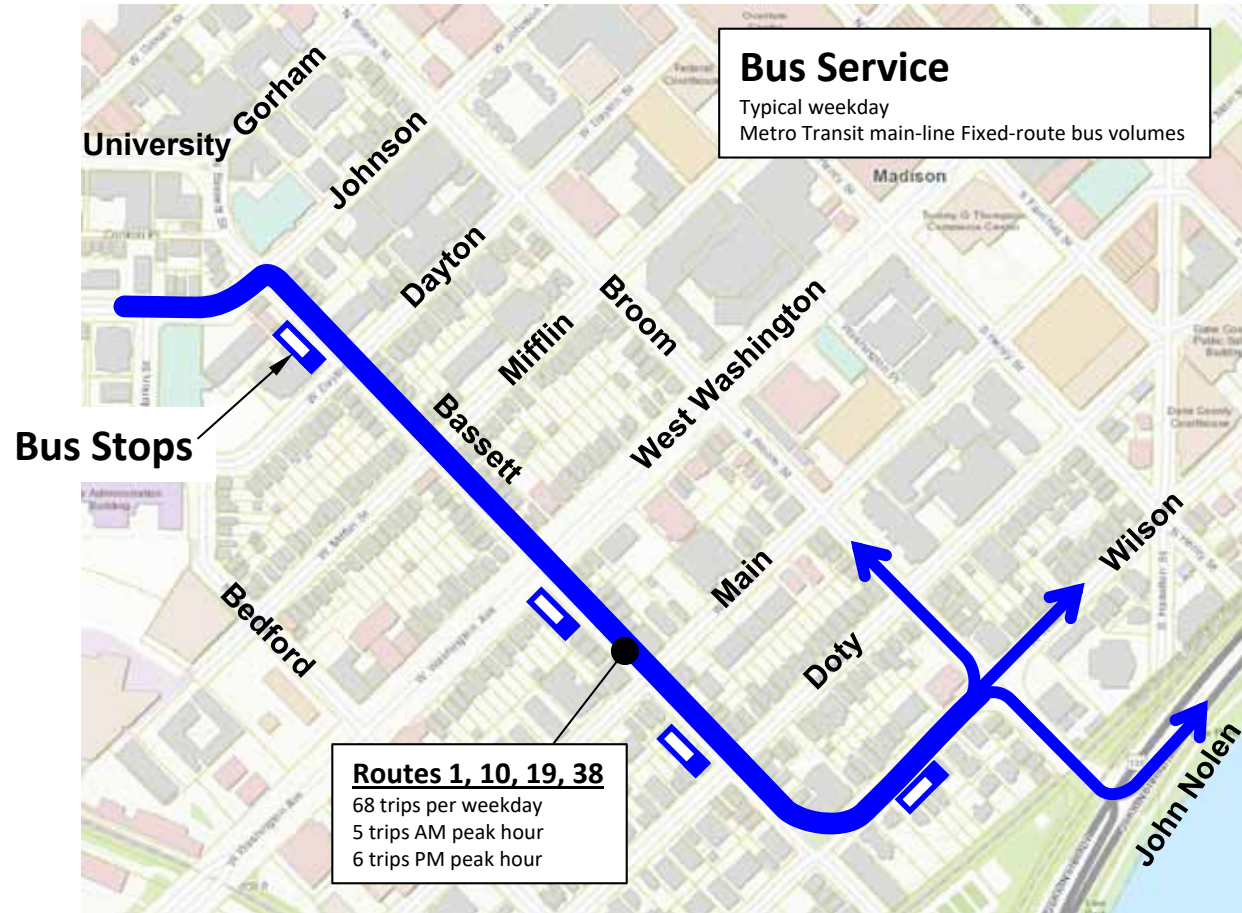
Parking



Primary Bike Routes



Metro Transit



Goals and Objectives

Provide safety for all modes of transportation

Provide a comfortable bike connection from University Avenue to Lake Monona

Satisfy parking needs

Preserve a healthy tree canopy and terraces

Provide safe and comfortable pedestrian crossings

Goals and Objectives

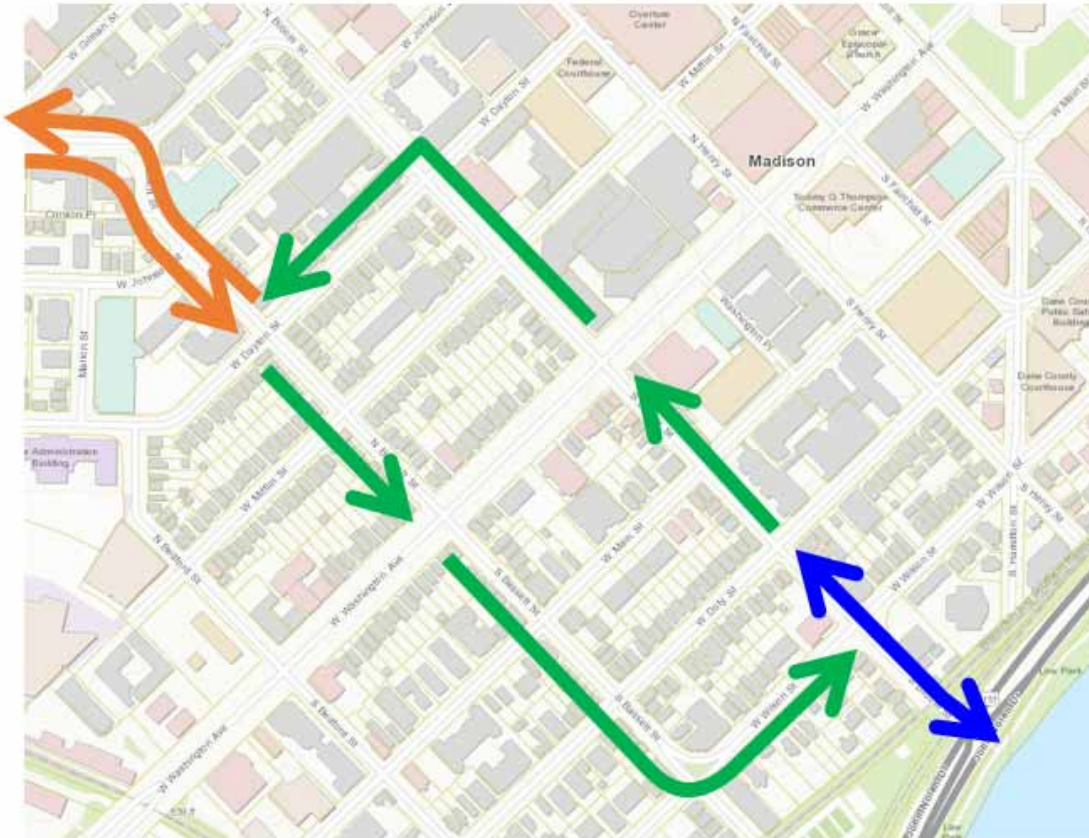
Preserve existing infrastructure investments

Provide a corridor plan for Bassett Street

Maintain or improve public transit service

Improve operation and safety of Bassett Street and W Washington Ave intersection

How to Route Bikes through Study Area

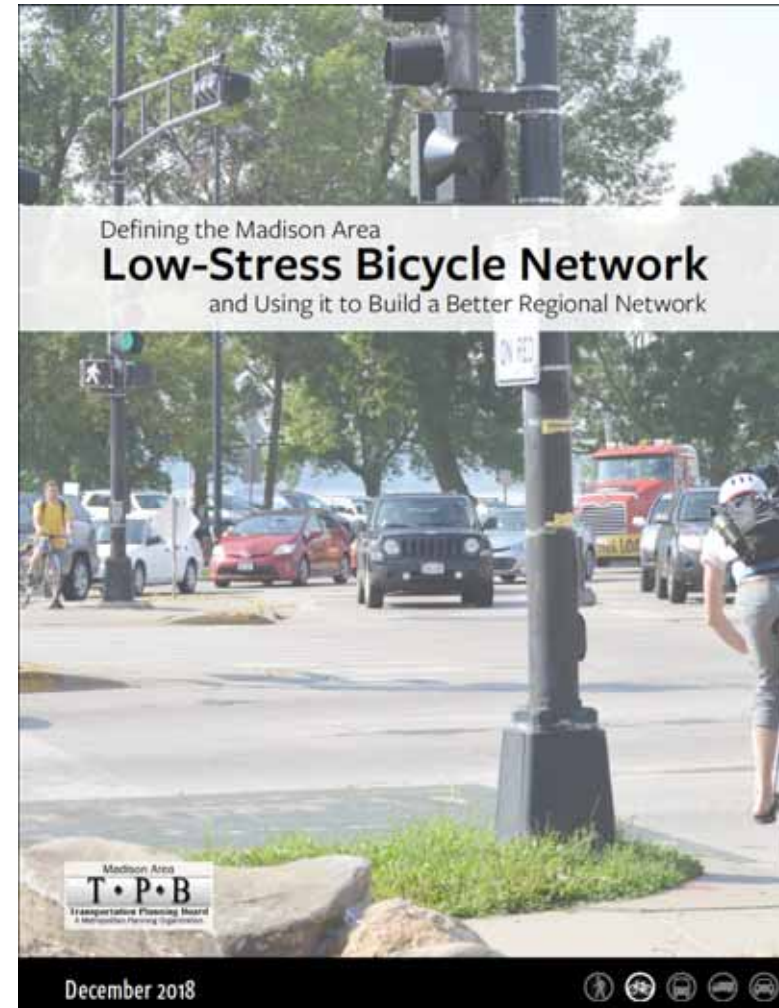
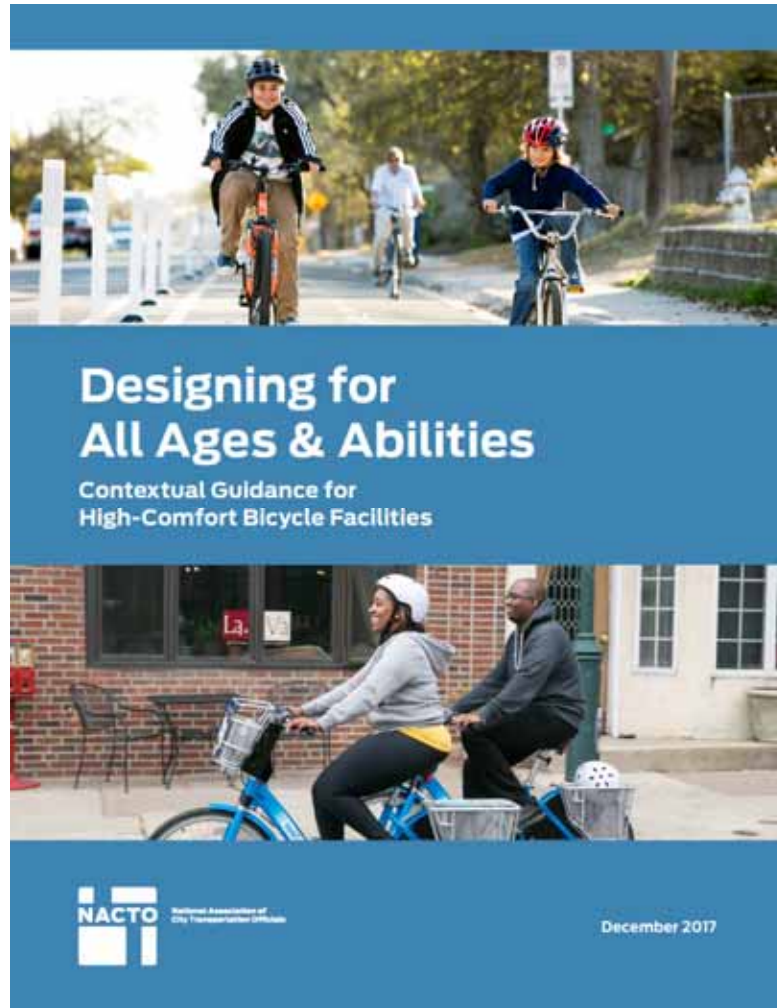


Broom-Bassett Couplet

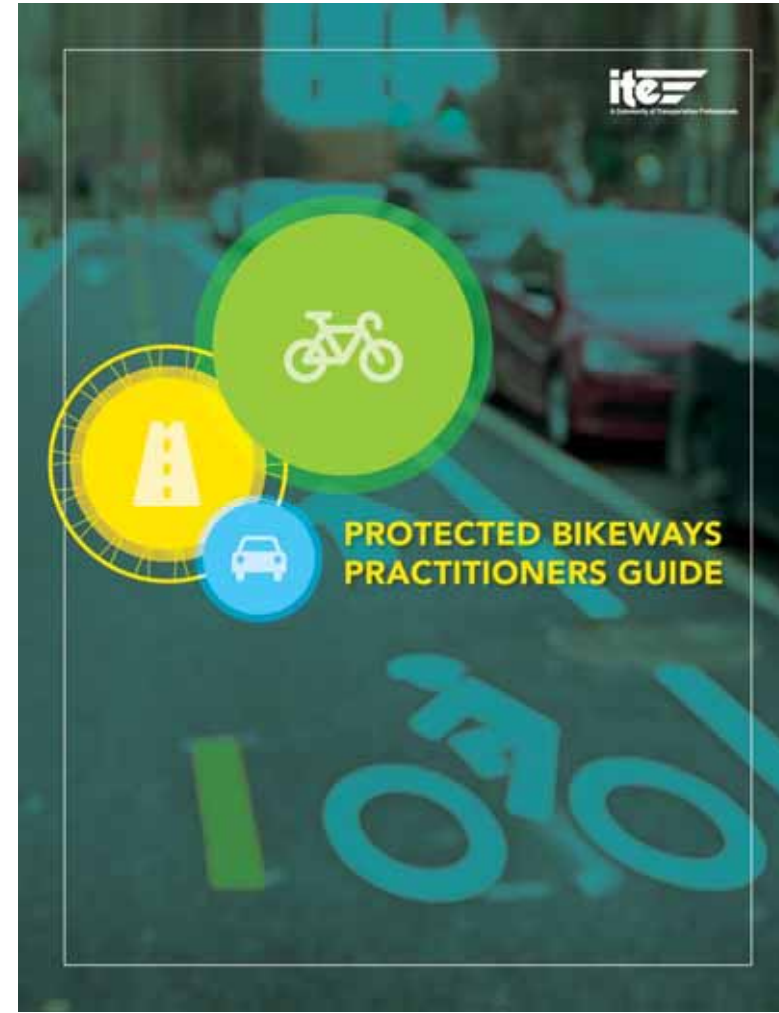
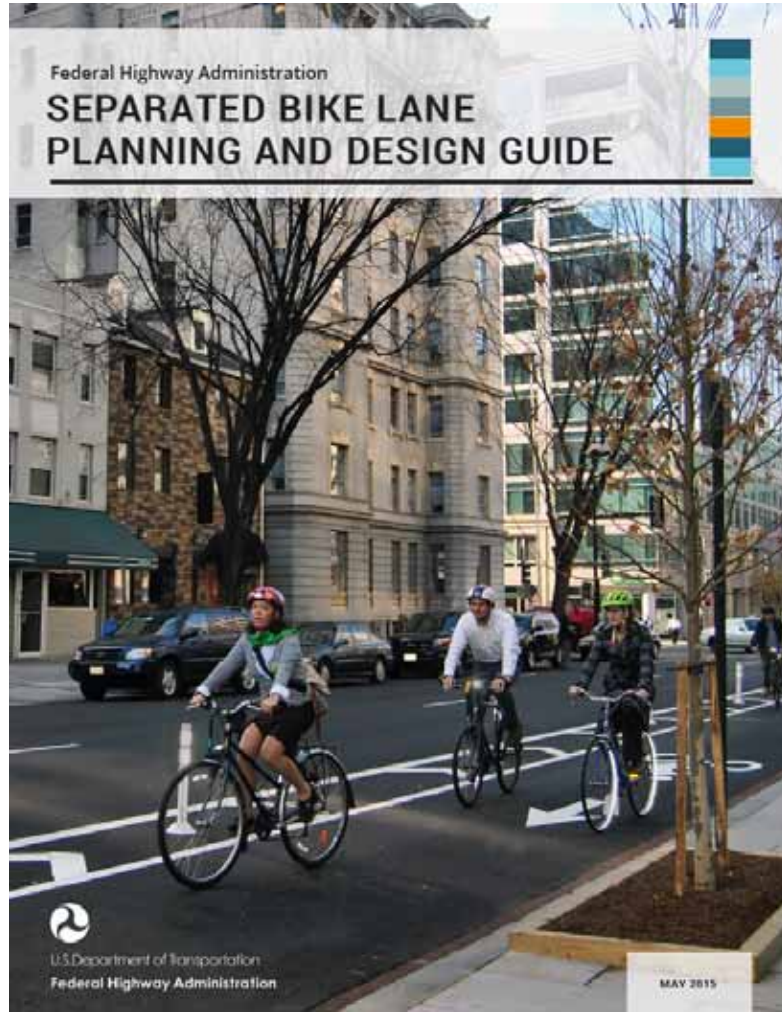


Two-way Bassett

Low Stress Bike Design



Low Stress Bike Design



Low Stress Bike Design



2015 MATPB Bike Plan



Existing secondary route

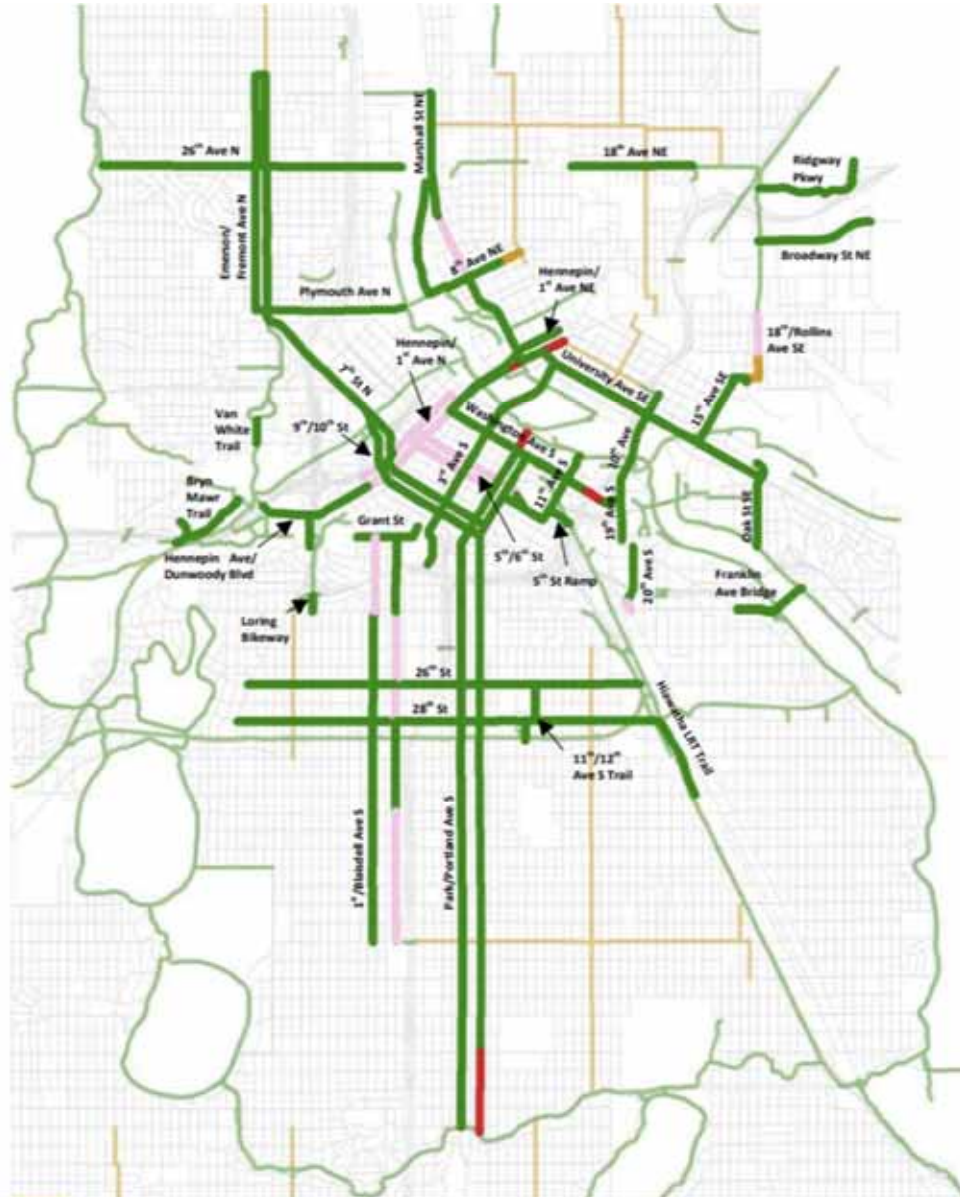
2018 MATPB Low Stress Network Bike Plan



2018 MATPB Low Stress Network Bike Plan - Barrier



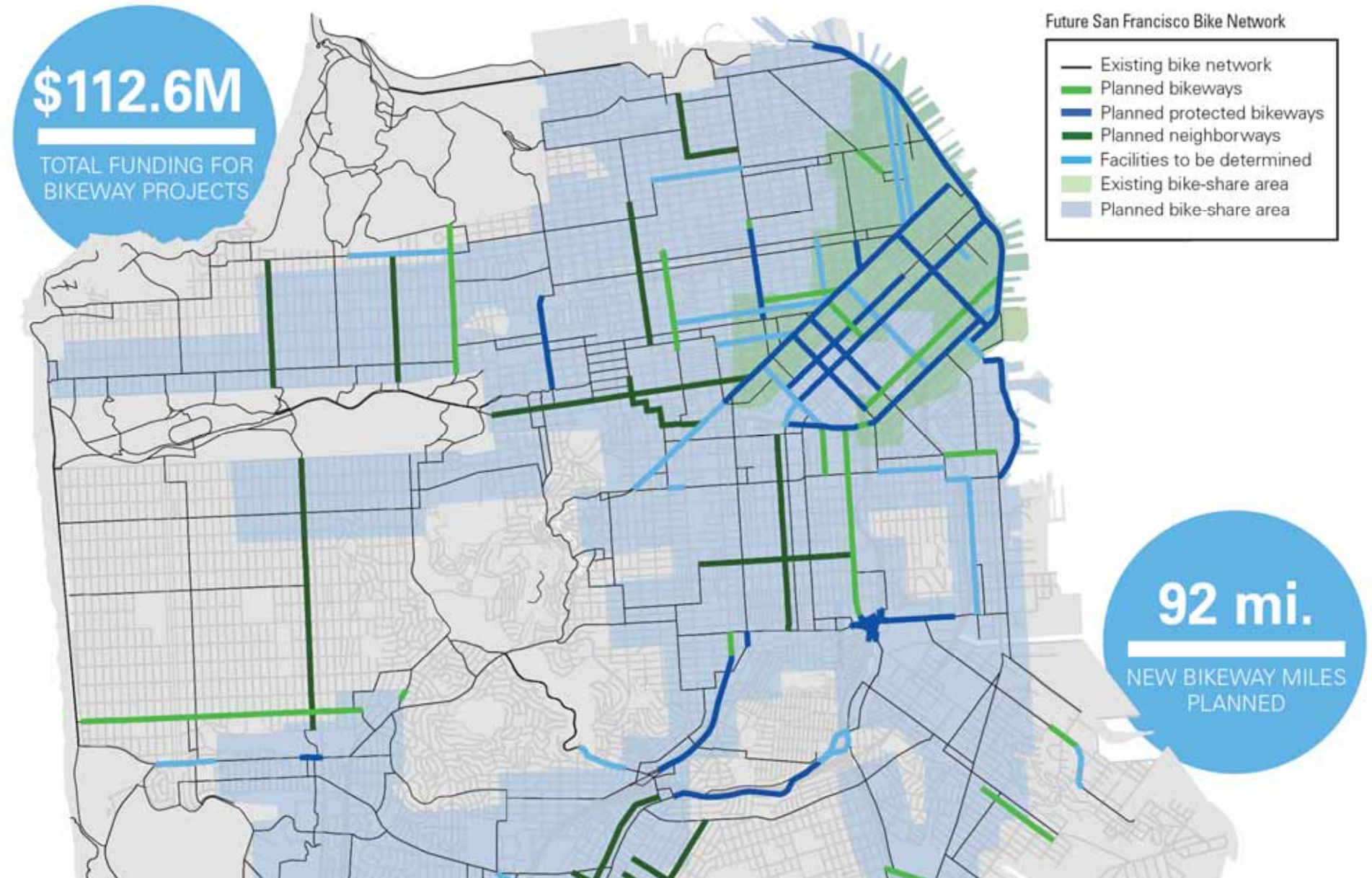
Example - Minneapolis Protected Bikeway Plan



174 Miles Long Term



Example - San Francisco



92 Miles

Four Types of Cyclists



Strong and Fearless



Enthused and Confident



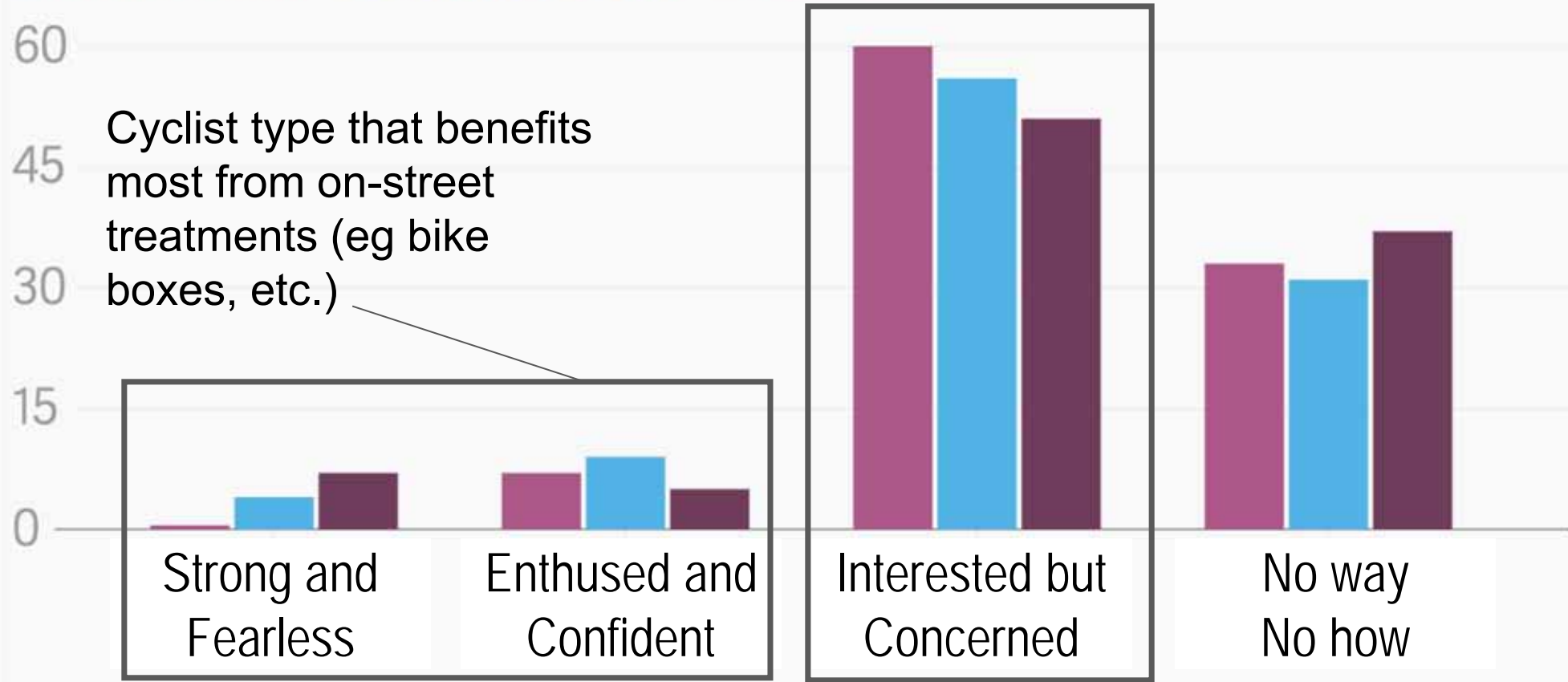
Interested But Concerned



No Way, No How

A Breakdown of the Four Types of Cyclists

■ Geller 2006 ■ Portland 2013 ■ U.S. 2016



Cyclist type that benefits most from on-street treatments (eg bike boxes, etc.)

Cyclist type with greatest ridership gains Prefers protected facilities

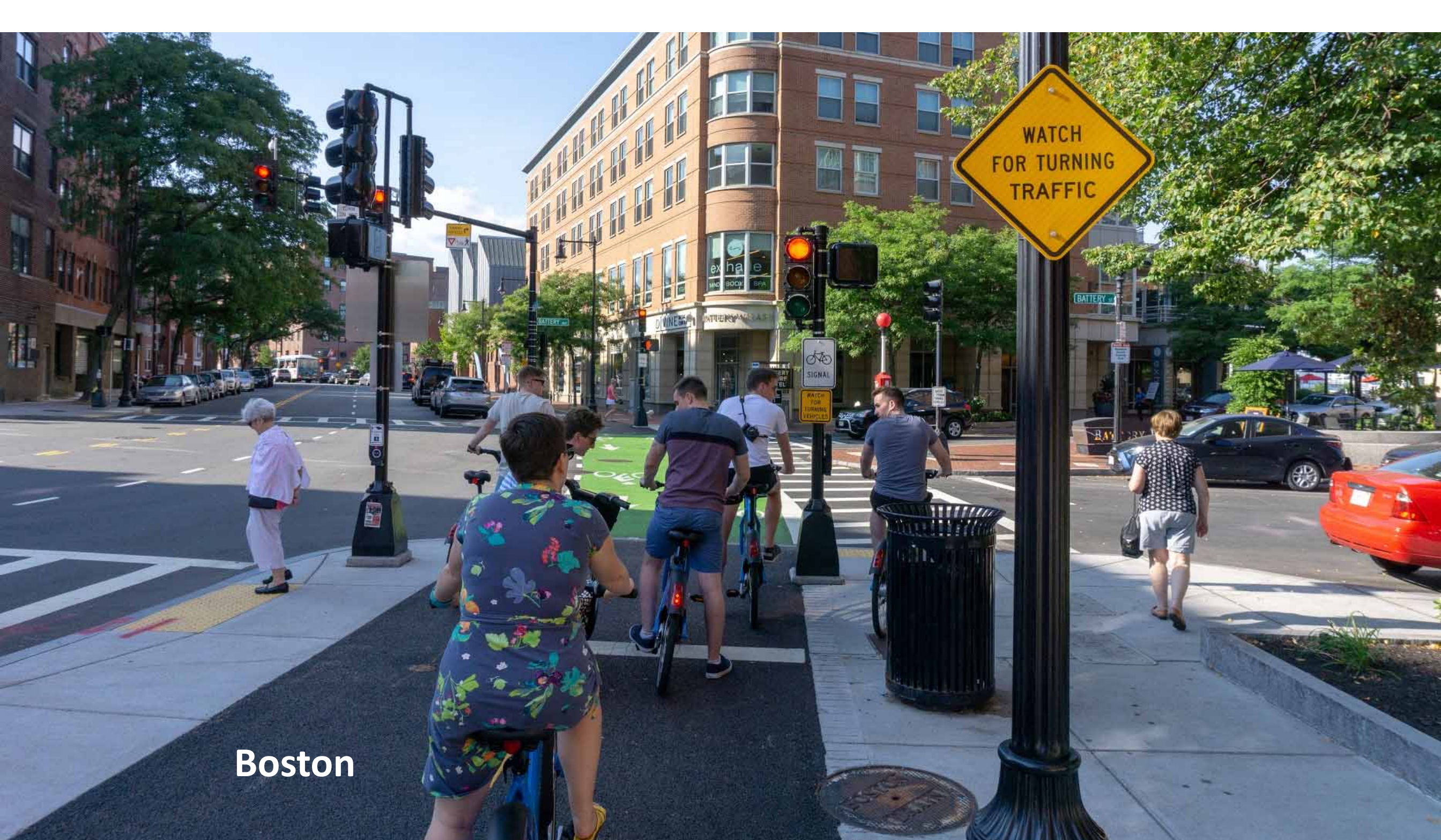


Minneapolis Star Tribune - Cyclists use a protected bike lane on 1st Avenue N.



<http://boisecycletracks.org/cycle-track-examples/>
Boise, ID





Boston



San Francisco

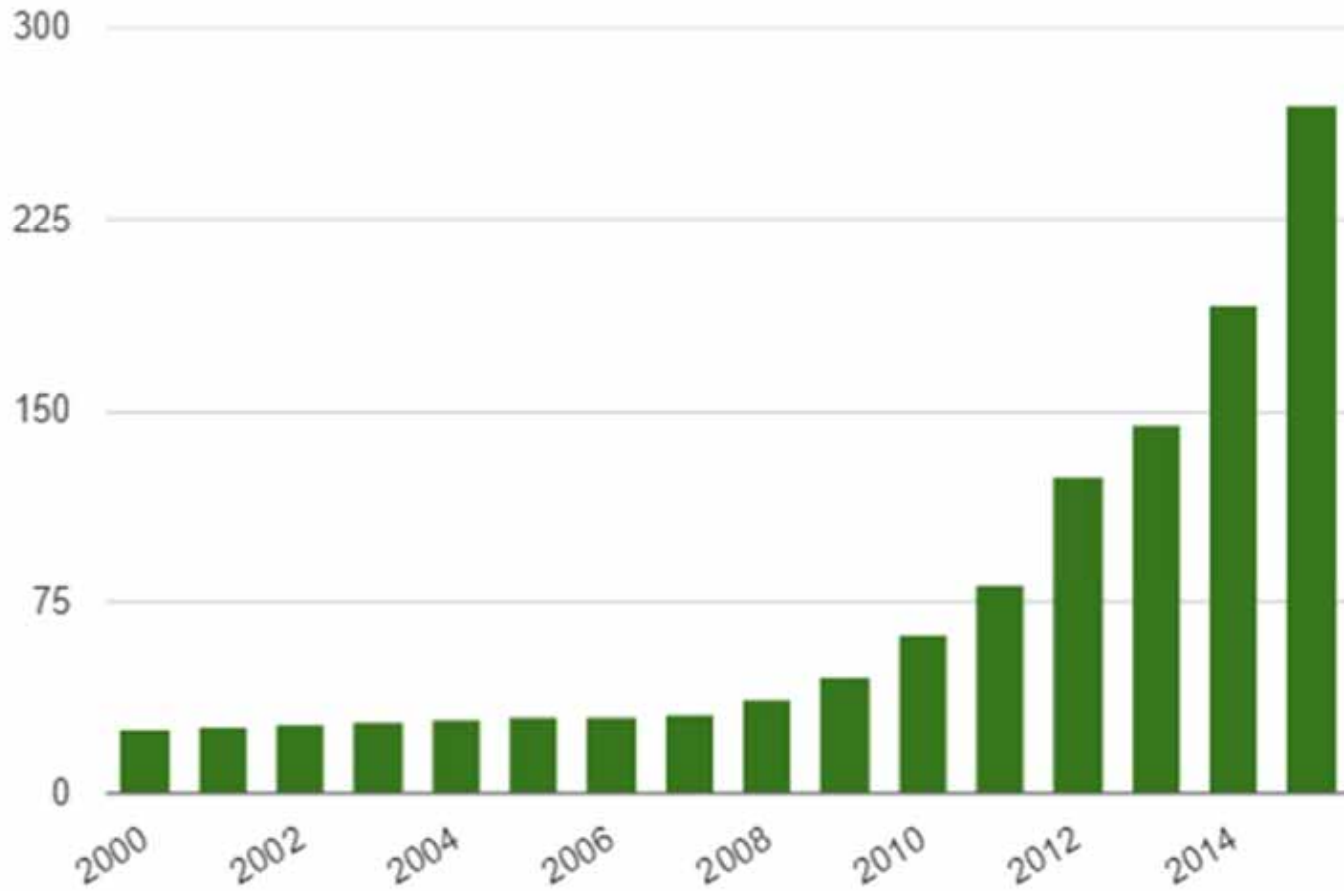


Minneapolis



Minneapolis

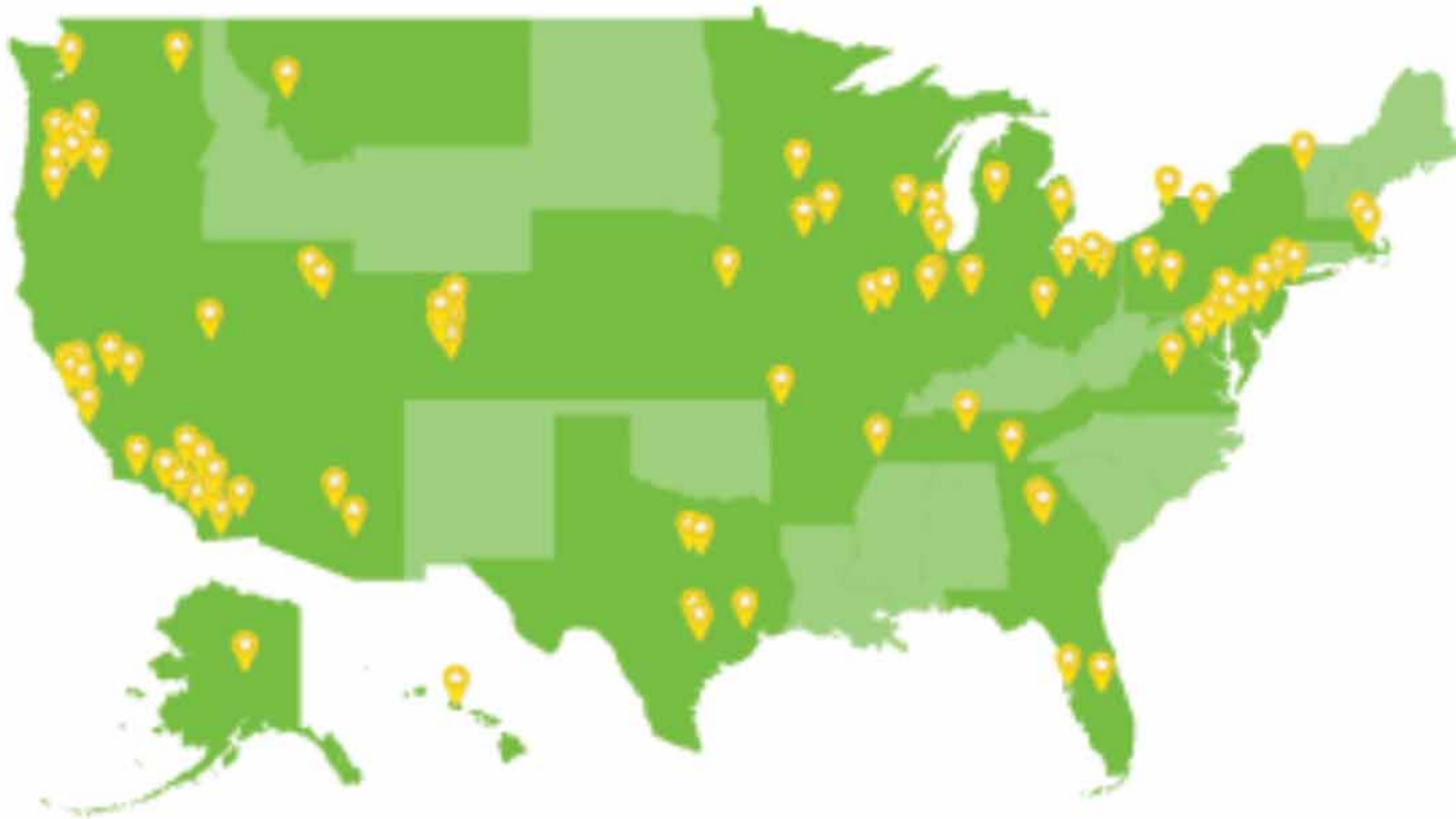
Protected bike lanes in the United States, 2000-2015



People for Bikes

Nationally





**34
STATES**

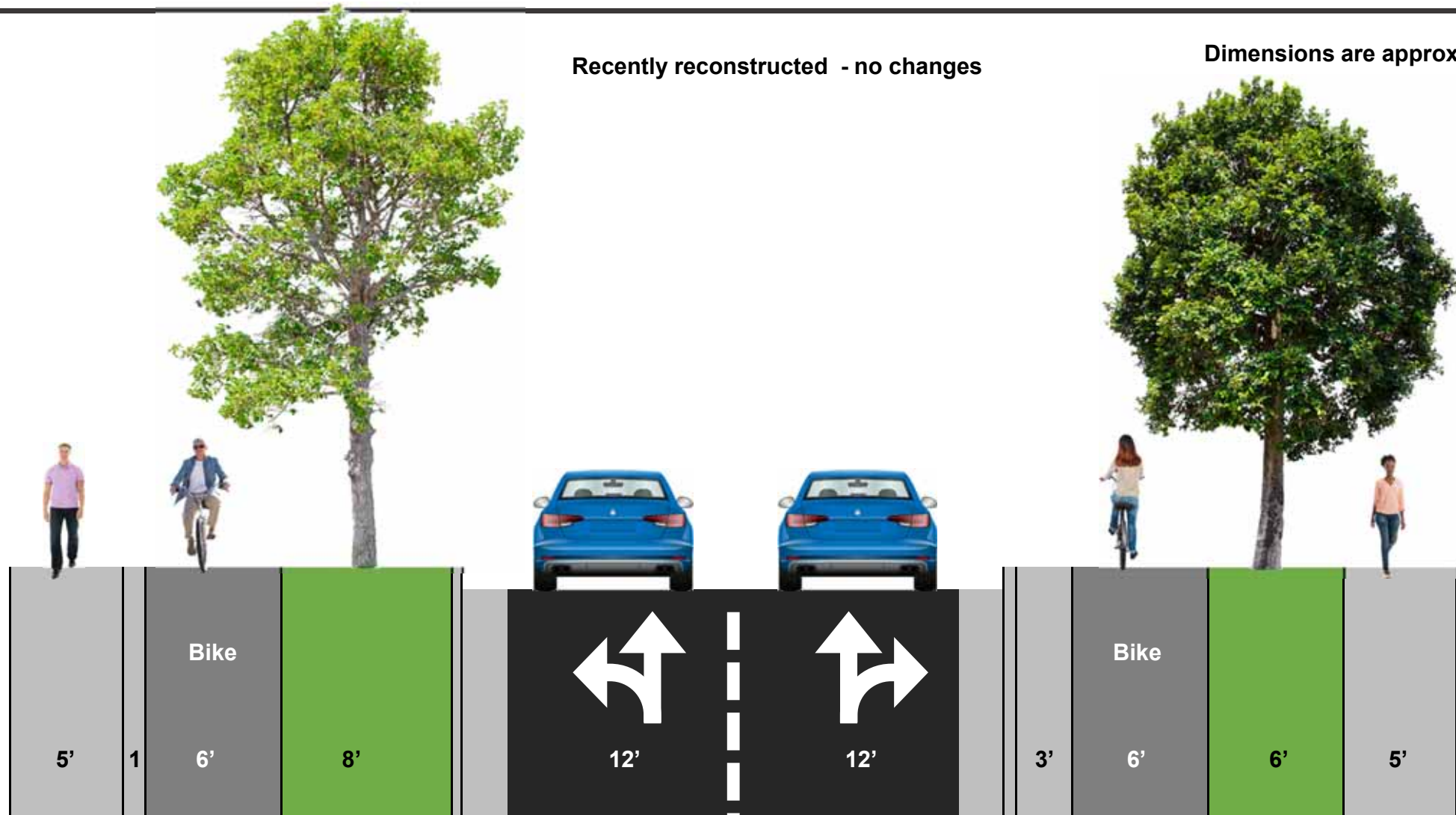


**82
CITIES**

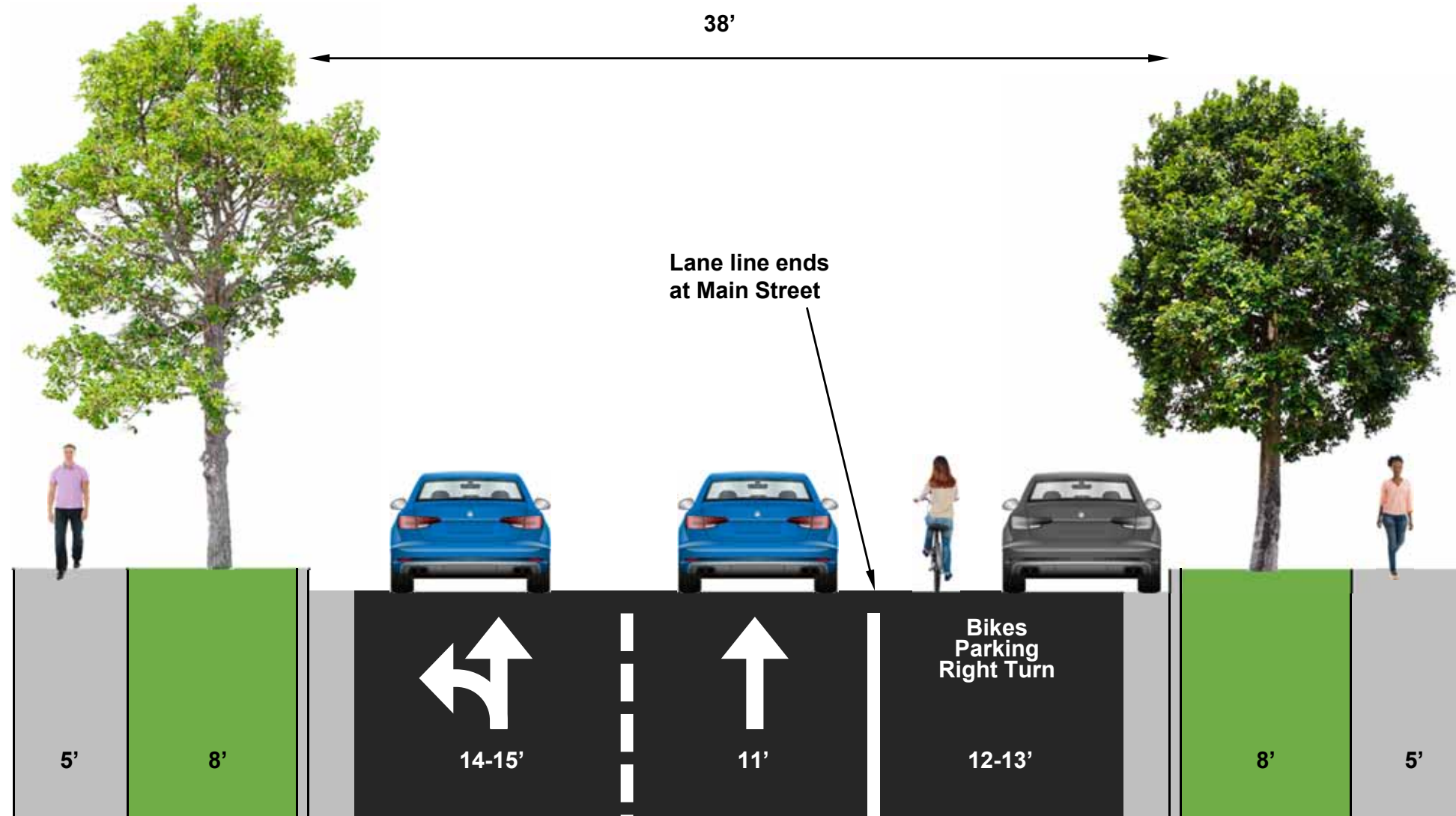
People for Bikes

Nationally

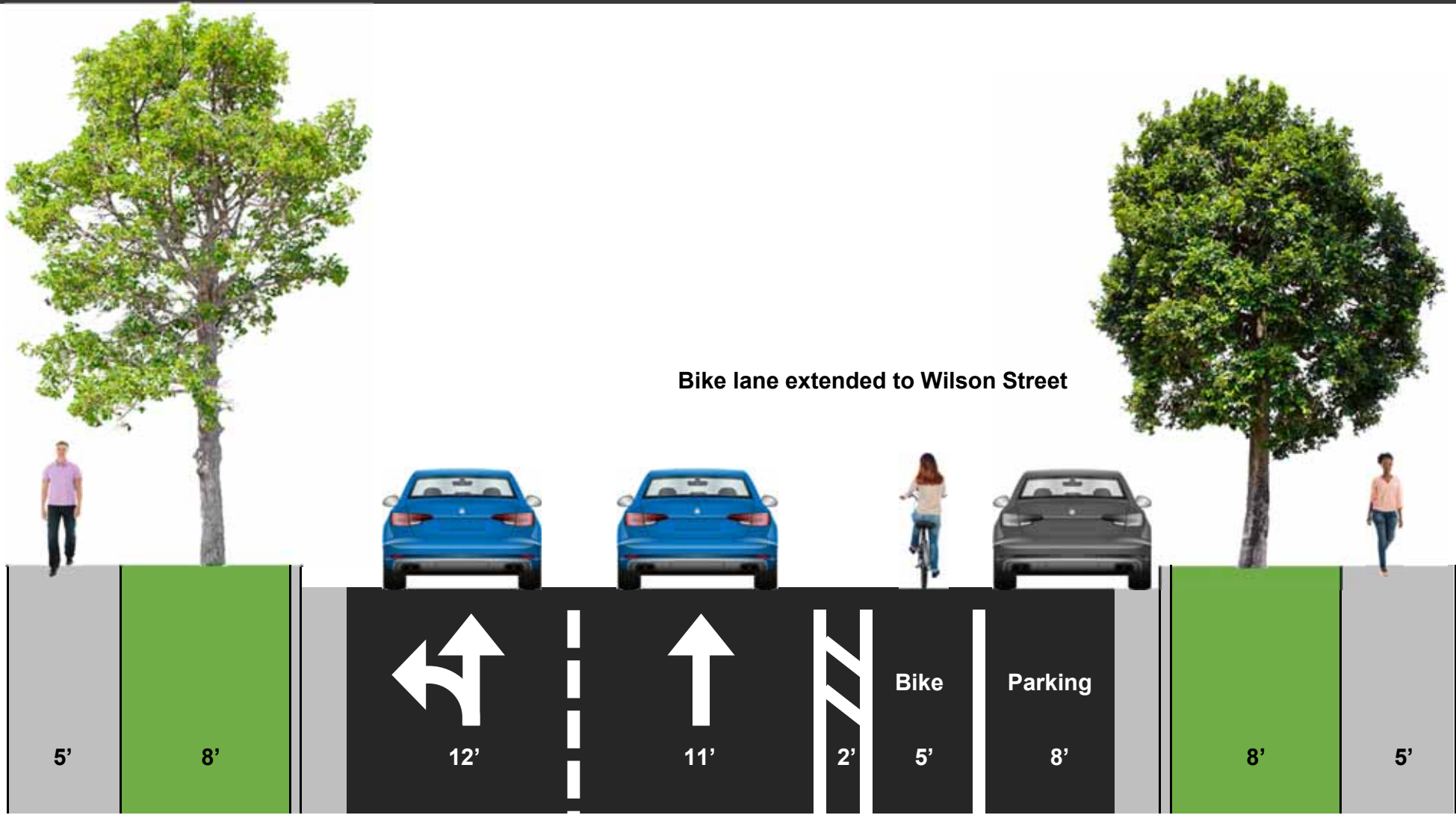
Existing Cross Section – Gorham to Dayton



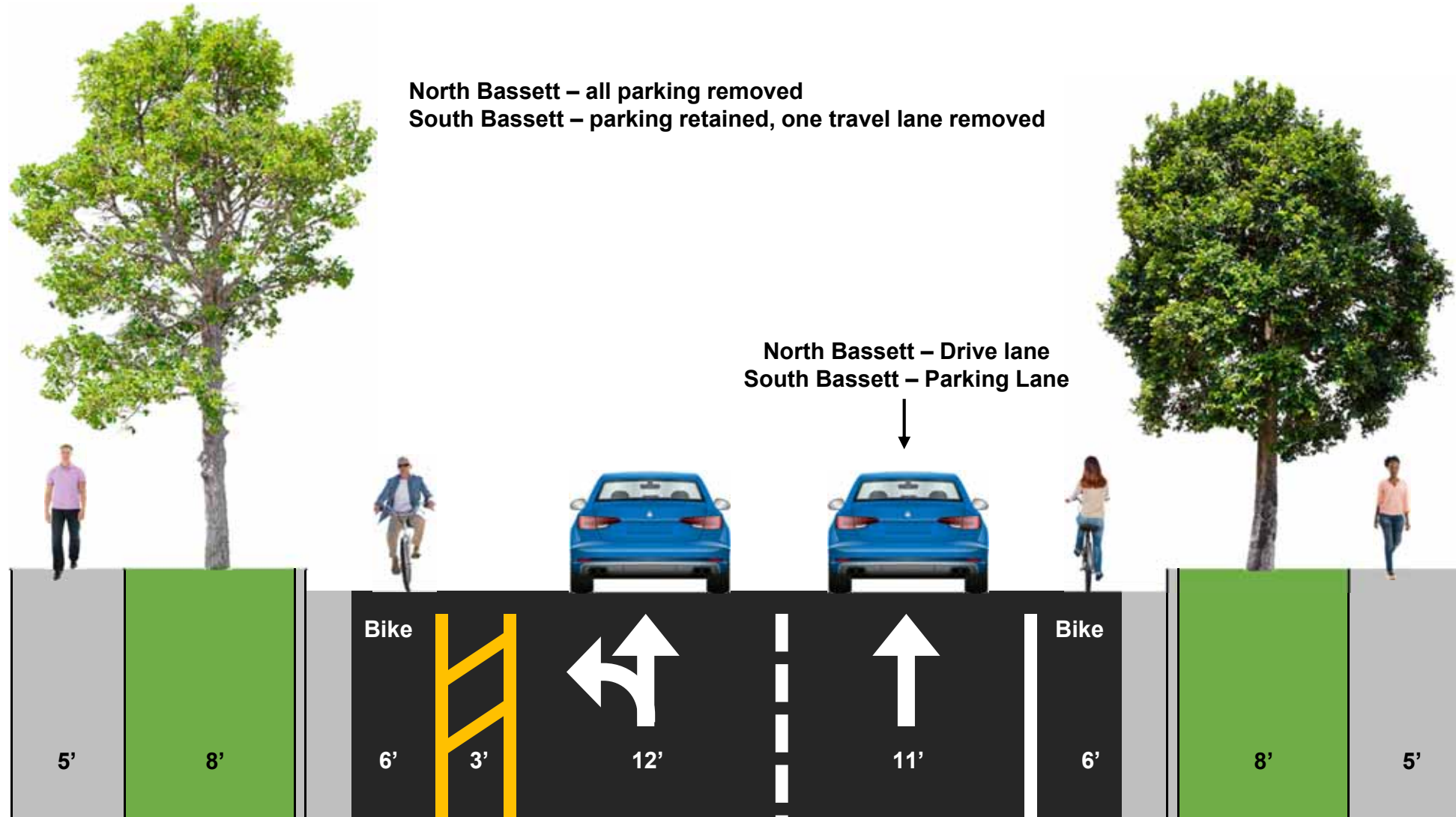
Bassett Street Existing Cross Section



Alt 1: Buffered Bike Lane

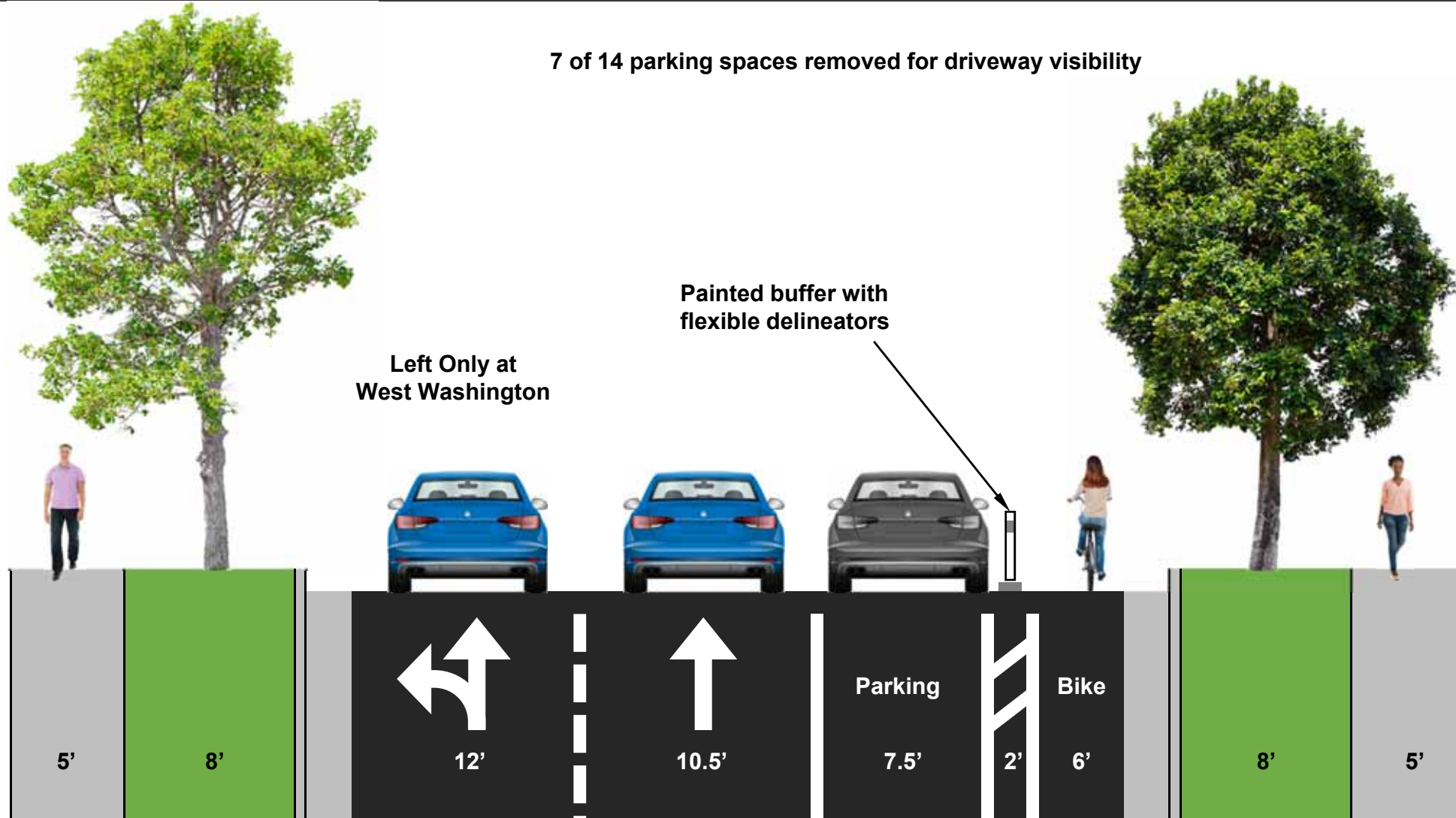


Alt 2: Contra-flow Lane N. Bassett

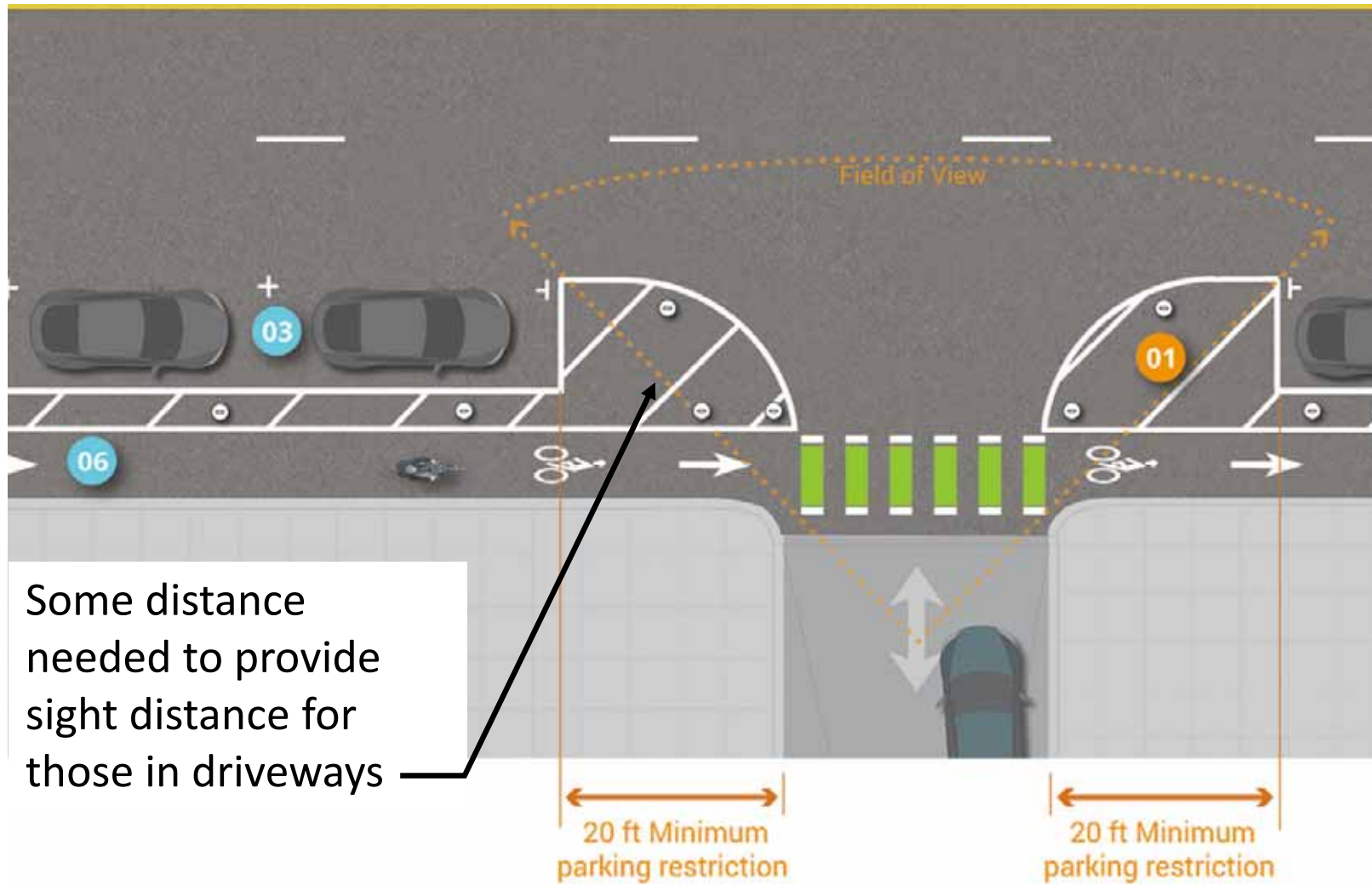


Implement 2019 following reconstruction

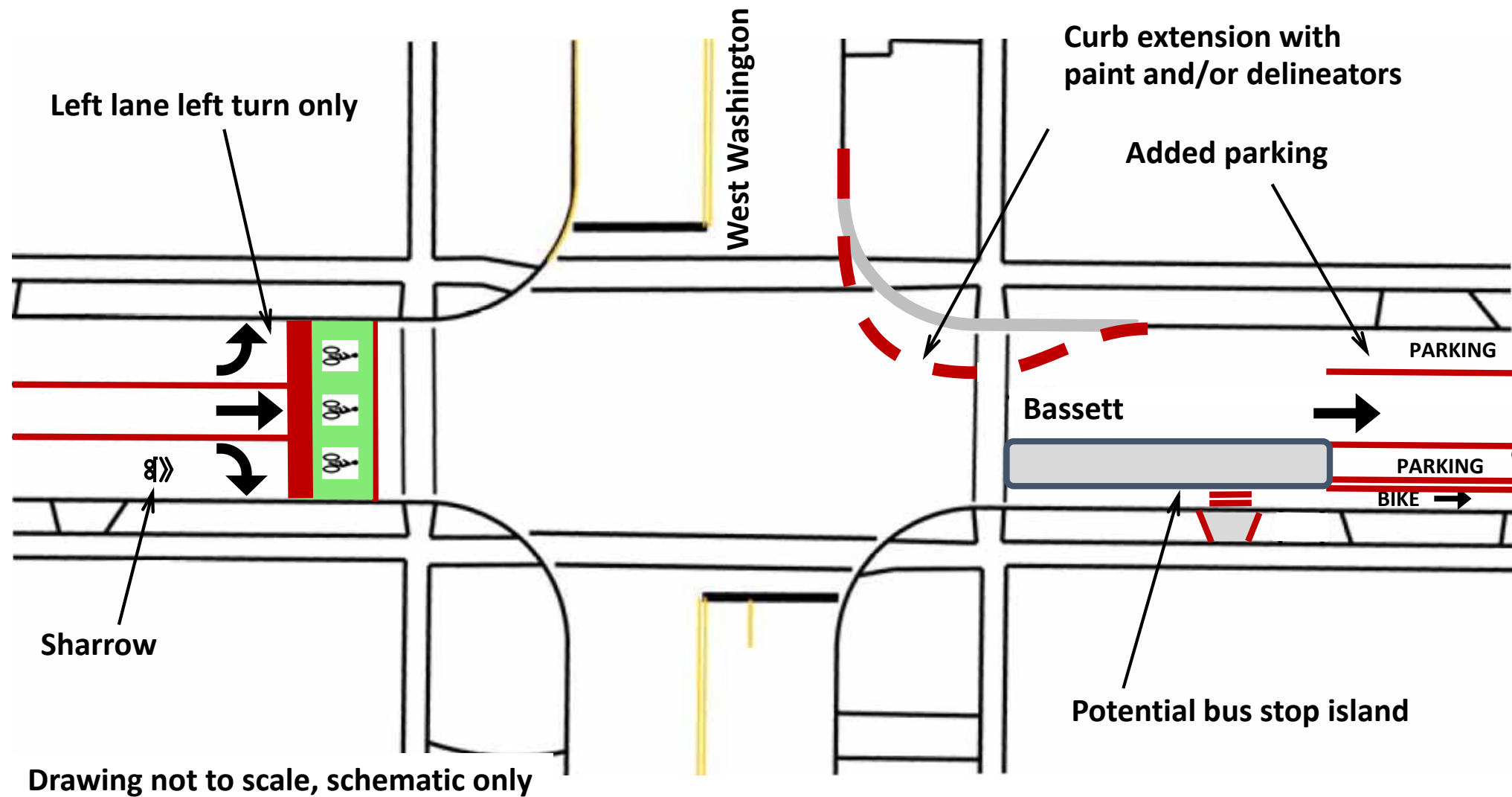
Alt 3: Protected Bike Lane N. Bassett



Parking



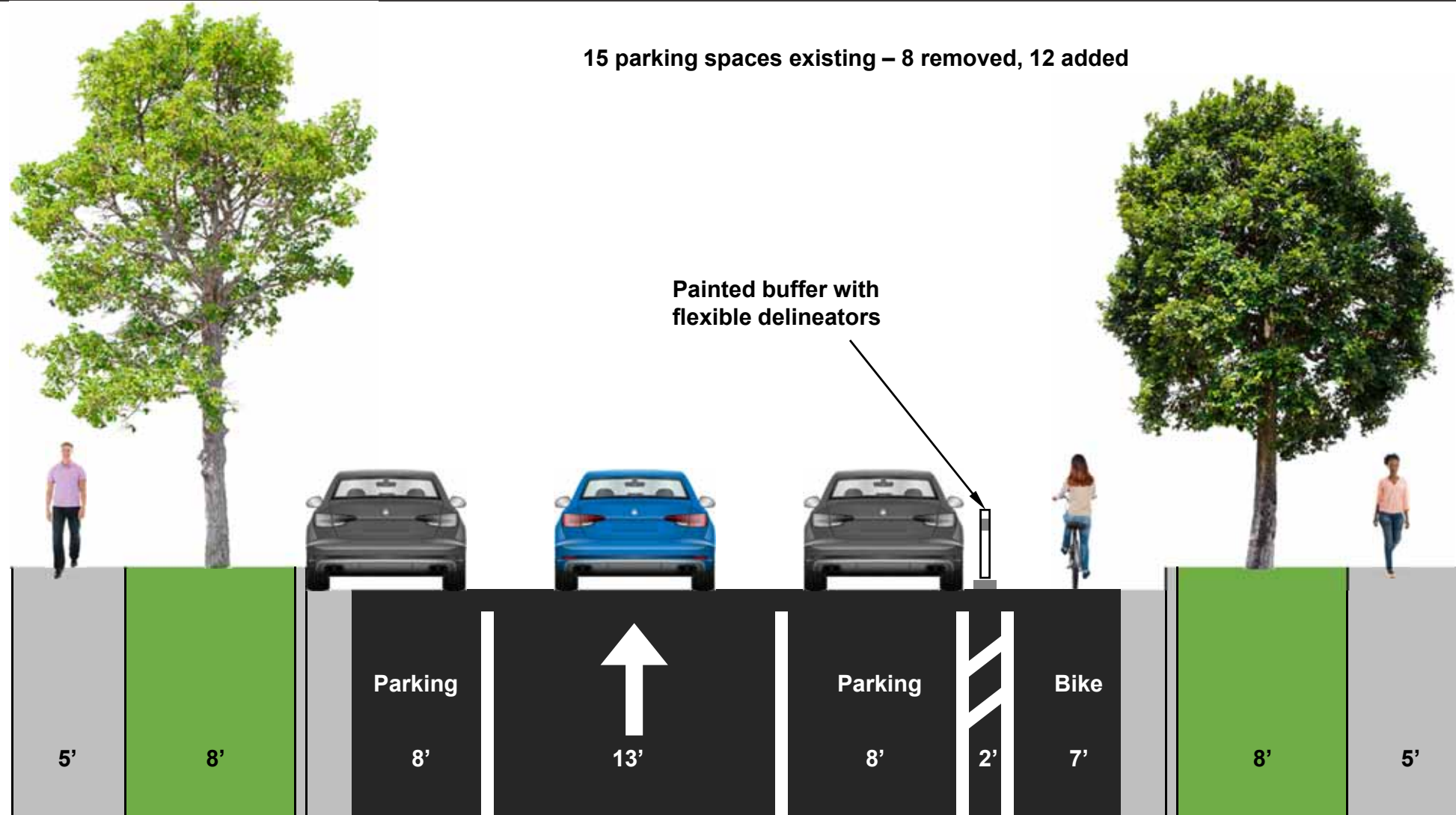
West Washington Avenue



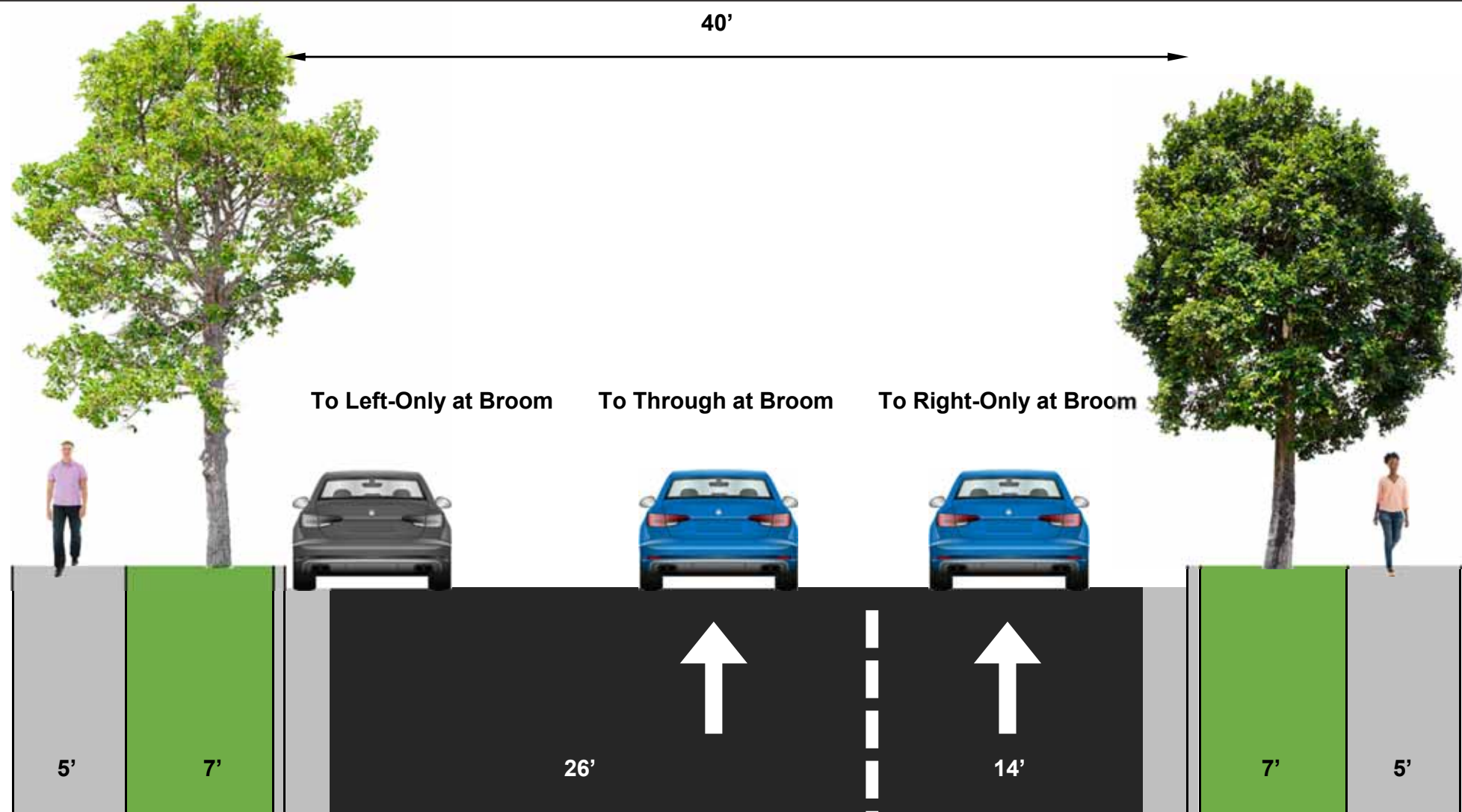
Implement 2020 following successful pilot on North Bassett

Alt 3: Protected Bike Lane S. Bassett

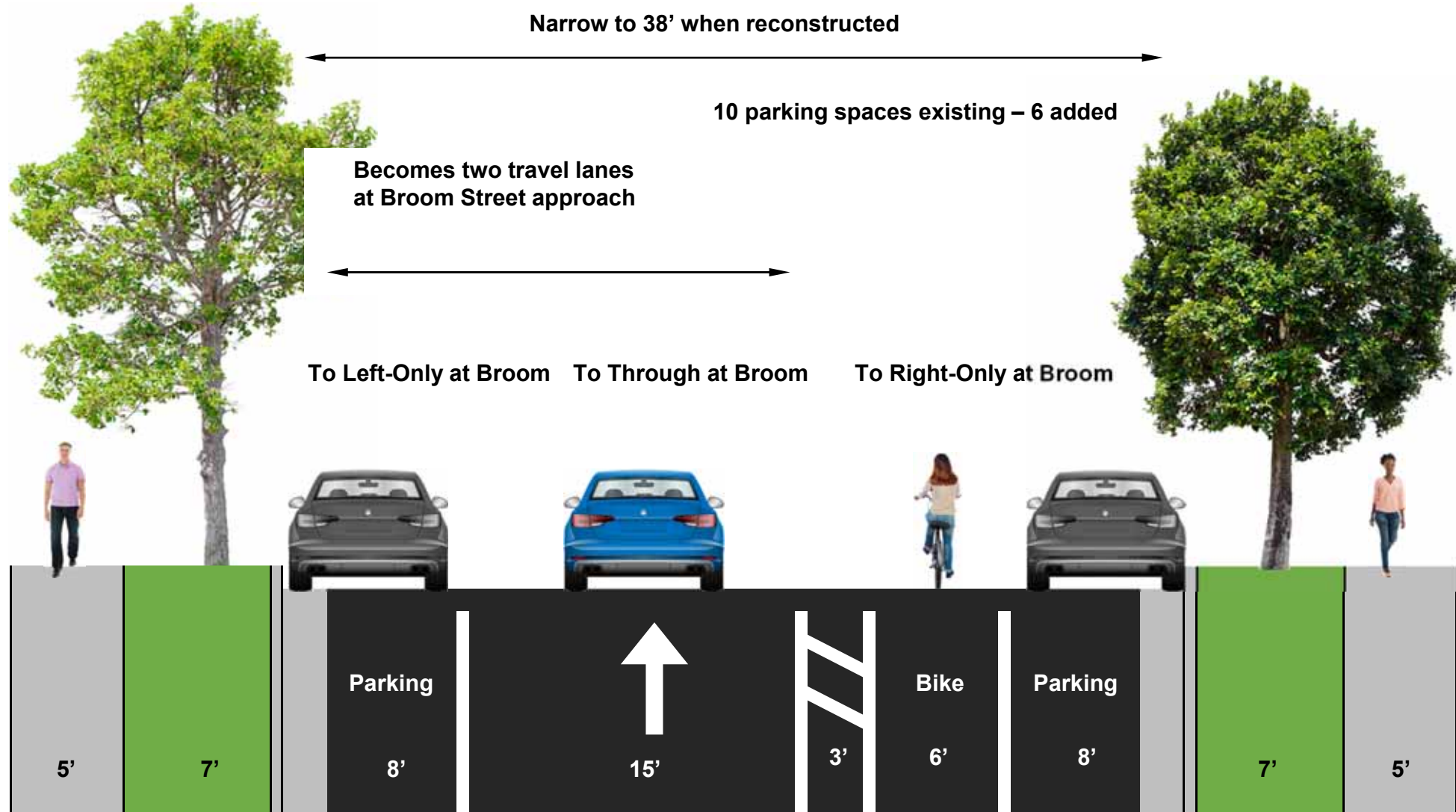
15 parking spaces existing – 8 removed, 12 added



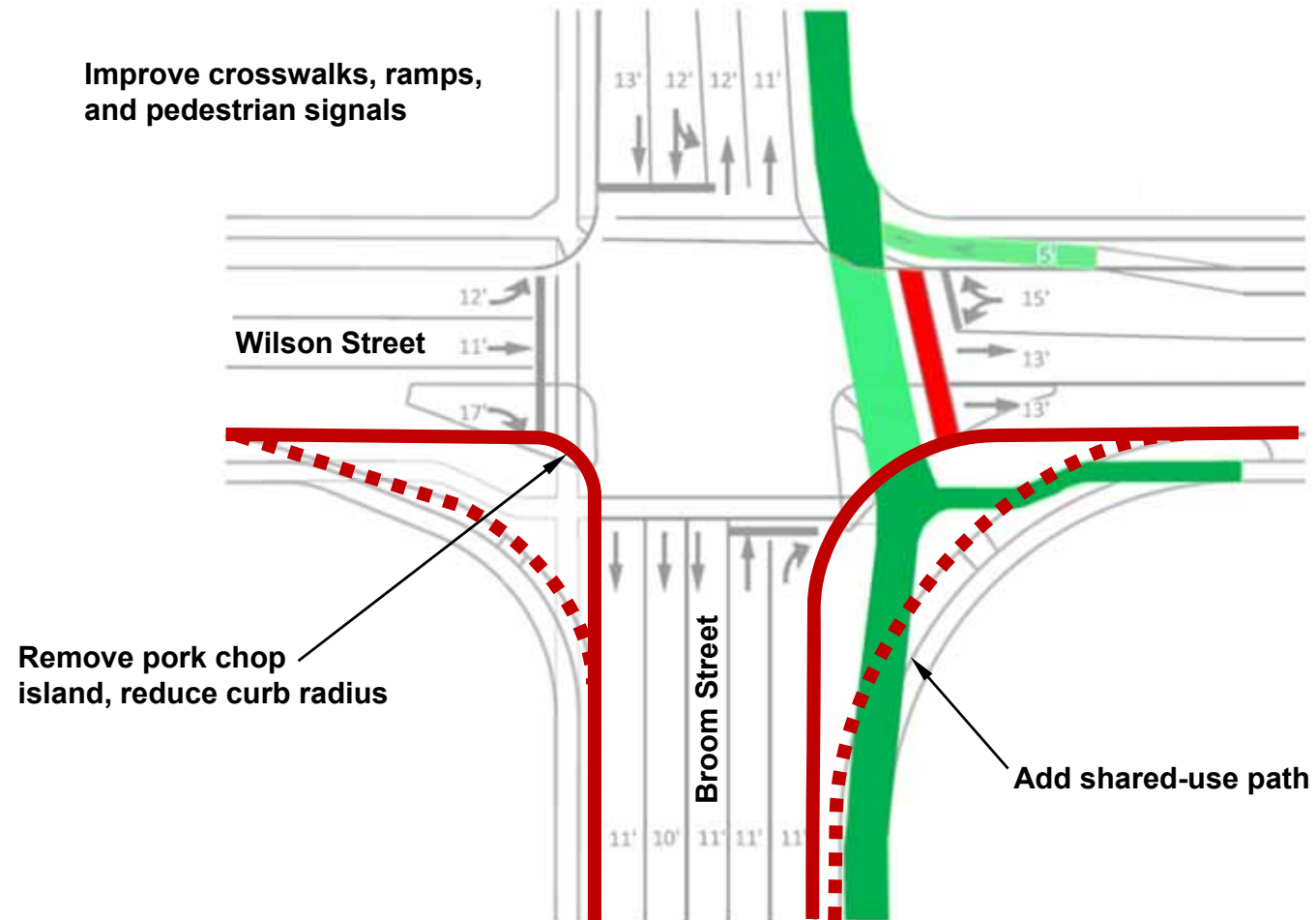
Wilson Street Existing Cross Section



Wilson Street Buffered Bike Lanes



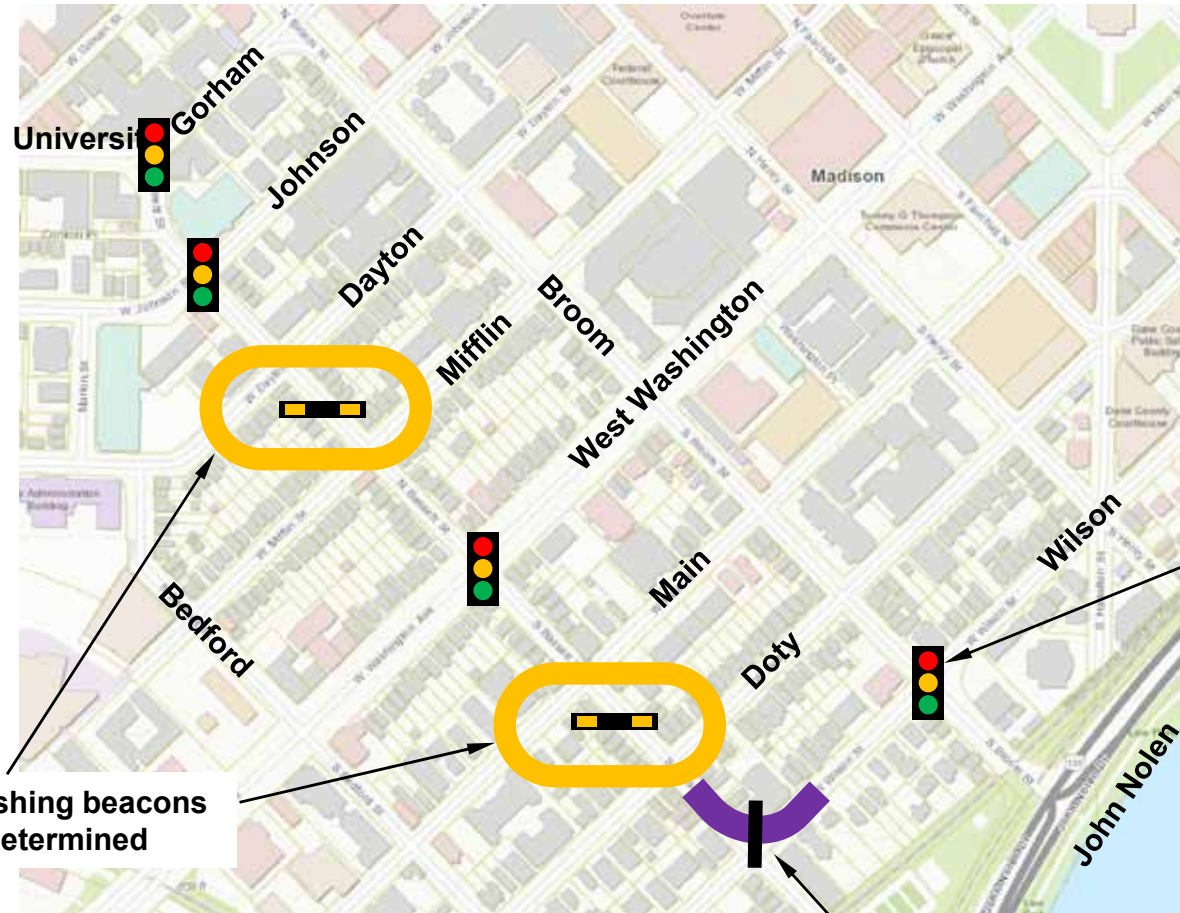
Wilson and Broom Street



Recommendation

- Alternative 3 – Protected bike lanes
 - Pilot on North Bassett following reconstruction
 - Pilot on South Bassett following success on North Bassett
- Other longer term recommendations
 - Replace 2-foot gutter pans with 1-foot pans in bike lanes
 - Continental crosswalks and rapid flashing beacons
 - Bus stop islands at Washington and/or Doty Street
 - Possible shared-use path through Brittingham Park
 - Improve Wilson and Broom Street intersection
 - Improved bike routing northbound on Broom to Dayton and Bassett

Pedestrian Improvements



Crosswalks improved to Continental design



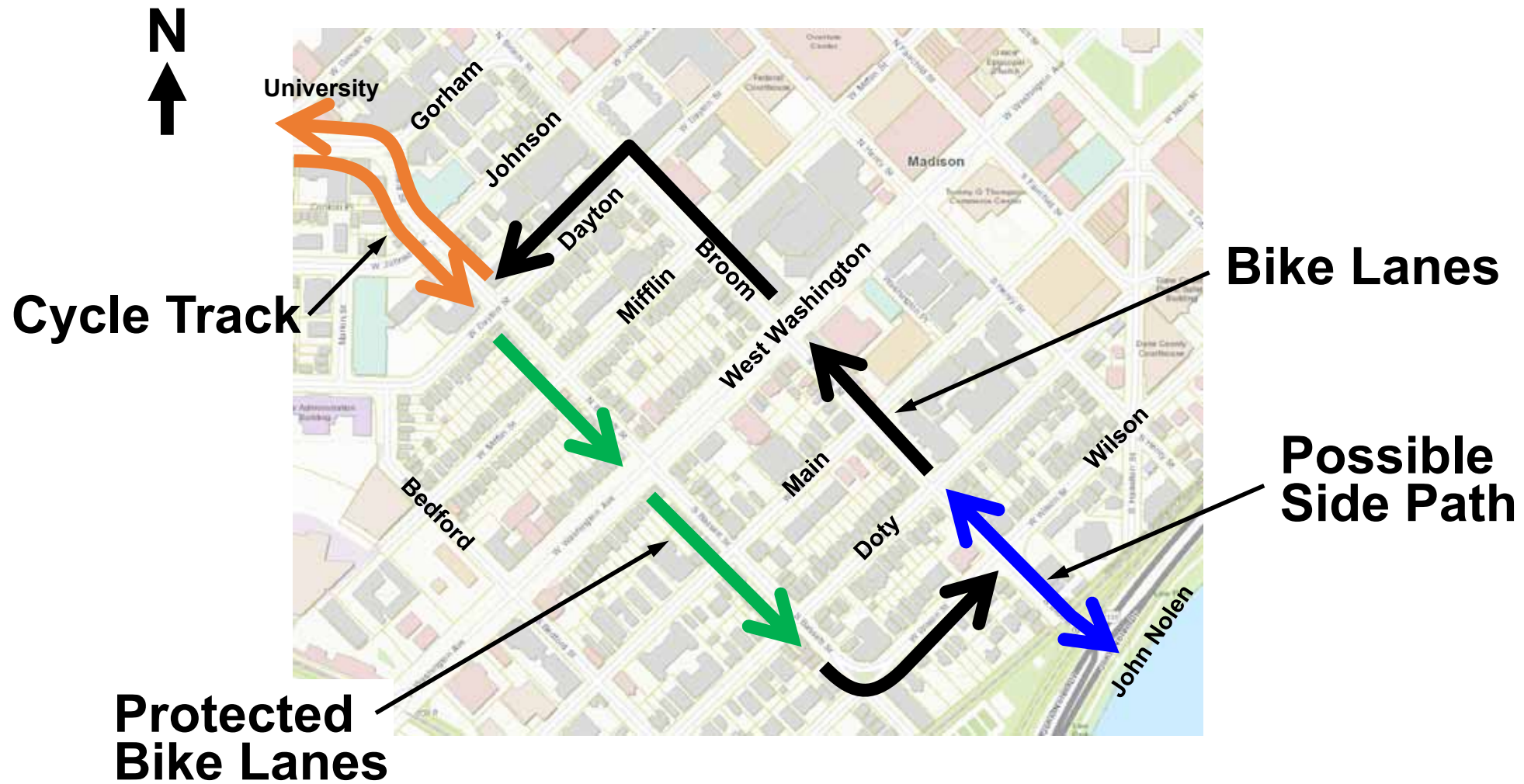
Existing traffic signals
Various pedestrian improvements at Broom

Potential new rapid flashing beacons
Exact locations to be determined

Single lane at curve improves speeds and sight lines



North-South Bike Routing

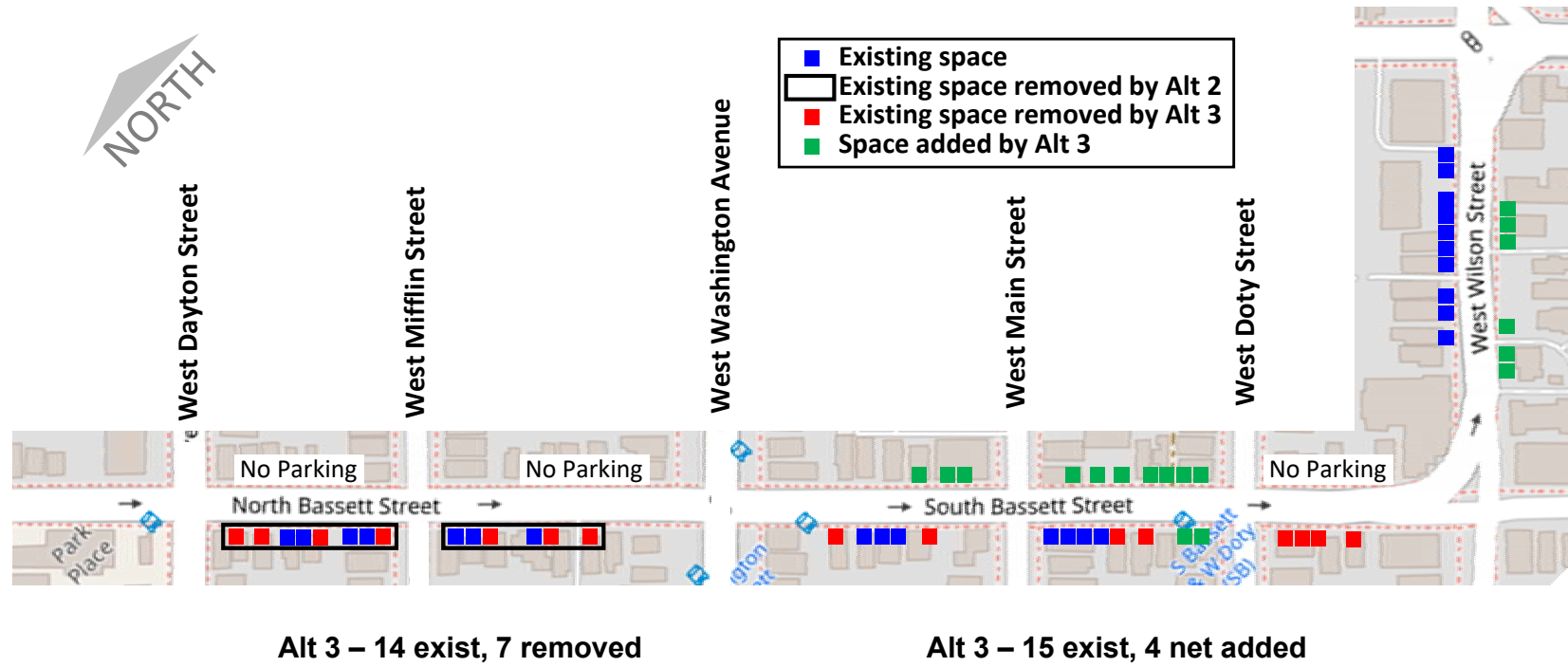


Bus Stop Island

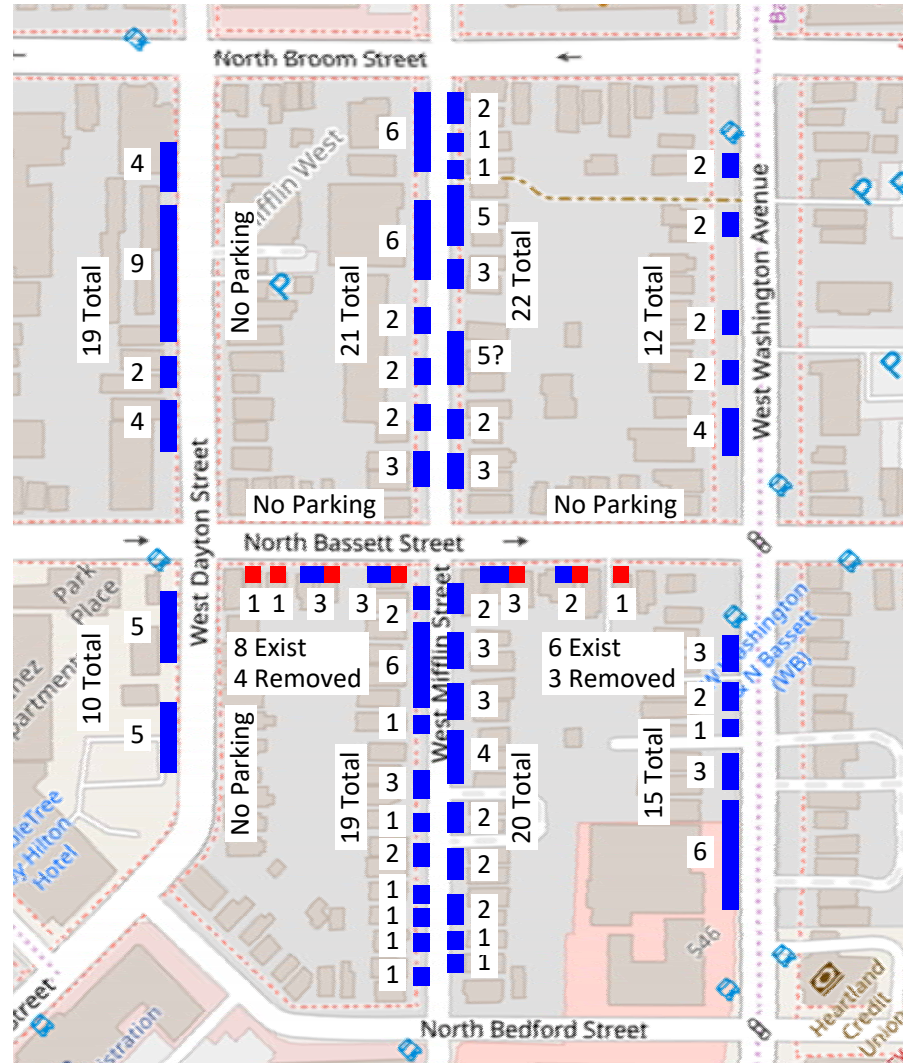


NACTO Street Design Guide

Parking Summary



Parking in the Neighborhood



Grand total:
110 Exist
7 Removed



BASSETT STREET

Transportation Policy and Planning Board
March 4, 2019

Mike Cechvala
mcechvala@cityofmadison.com

Alexandra Heinritz
aheinritz@cityofmadison.com