

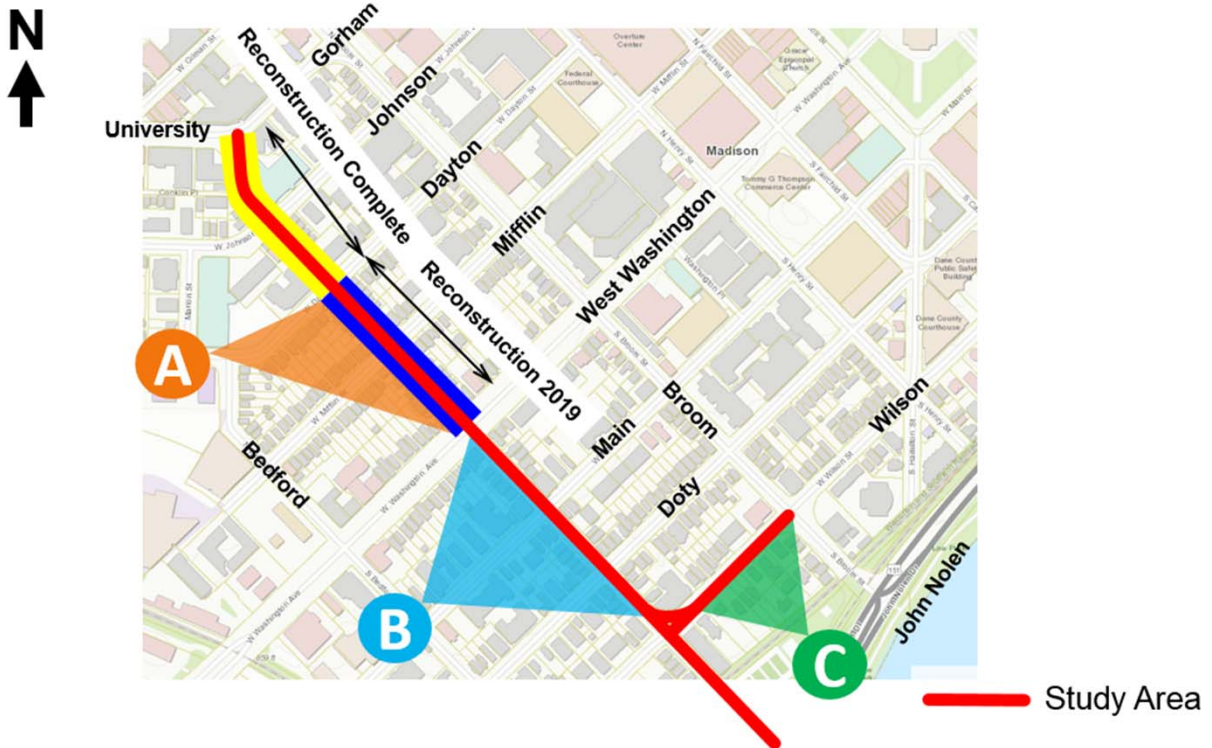


# Bassett Street



## Objectives & Location Overview

### Location map



### 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
- 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

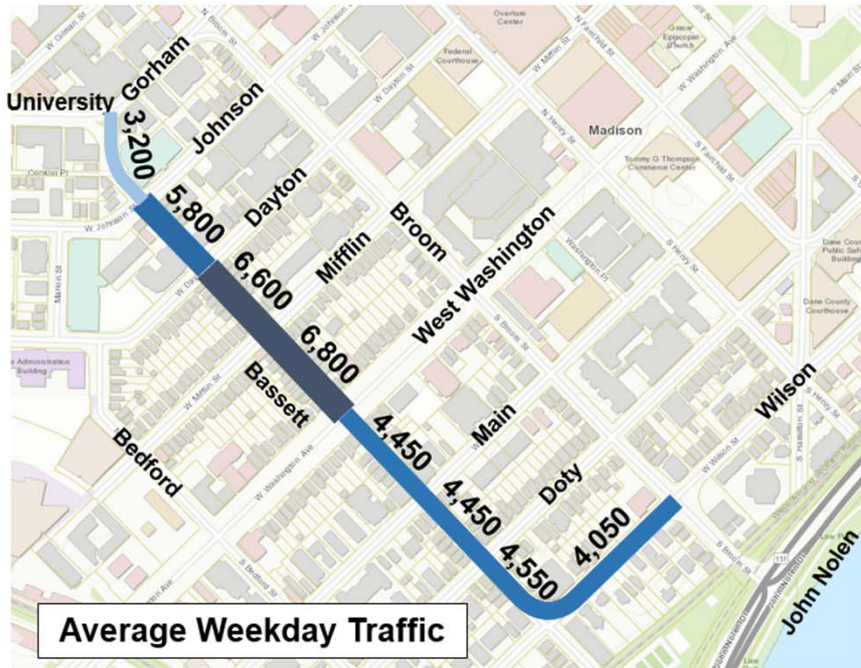


# Bassett Street



## Daily Volumes & Crash Analysis

### Daily Traffic Volumes



### Crashes 2013-2017



Cross Street	Crashes	Crashes per Million
Gorham	13	0.25
Johnson	11	0.26
Dayton	15	0.85
Mifflin	15	0.77
Washington	32	0.94
Main	16	1.37
Doty	7	0.85
Wilson	3	0.52

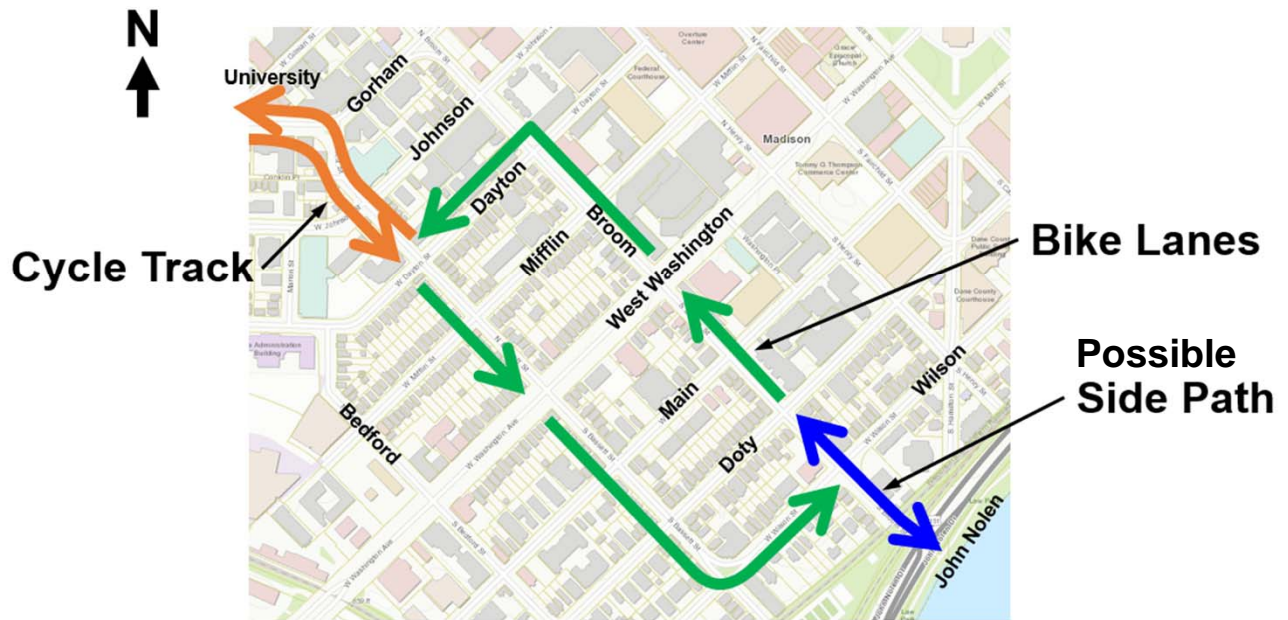


# Bassett Street

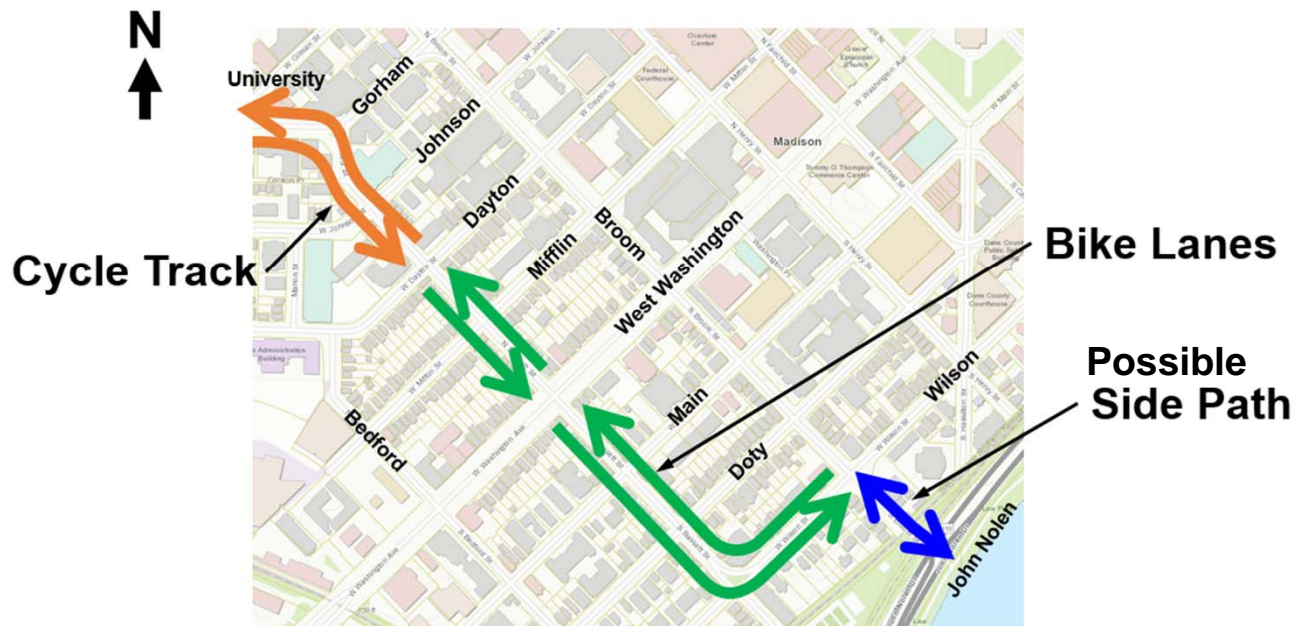


## Bike Accommodation Option Overview

### Alt 1 – Bikes on Broom/Bassett



### Alt 2 – 2-way Bikes on Bassett

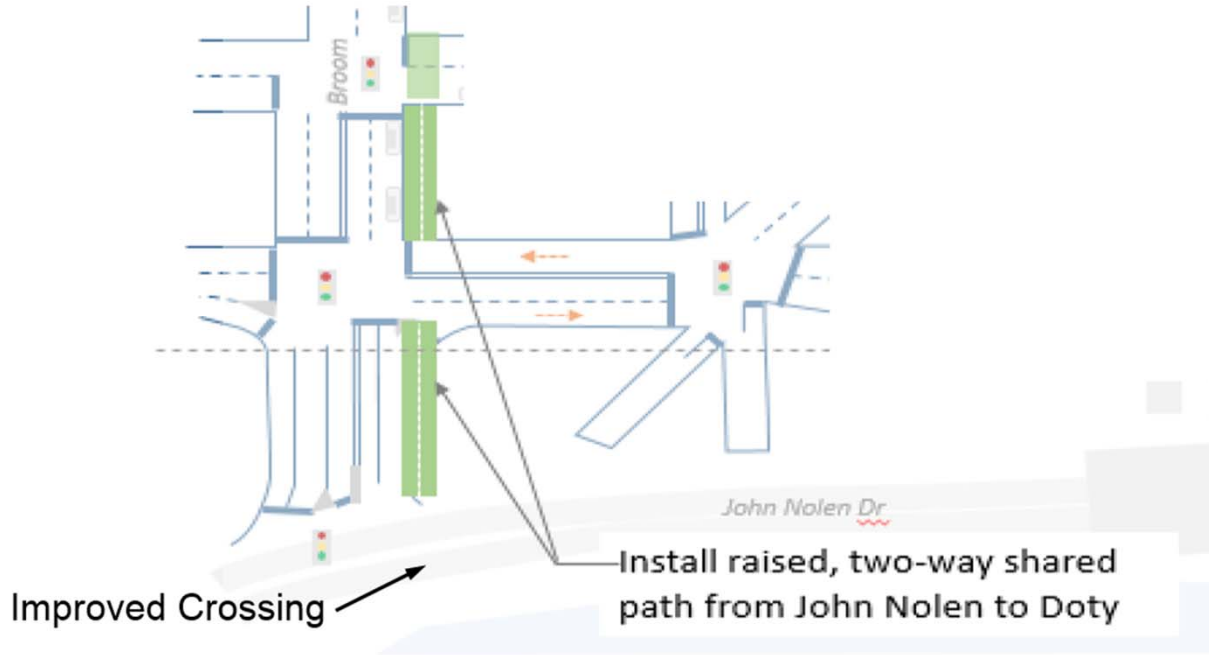




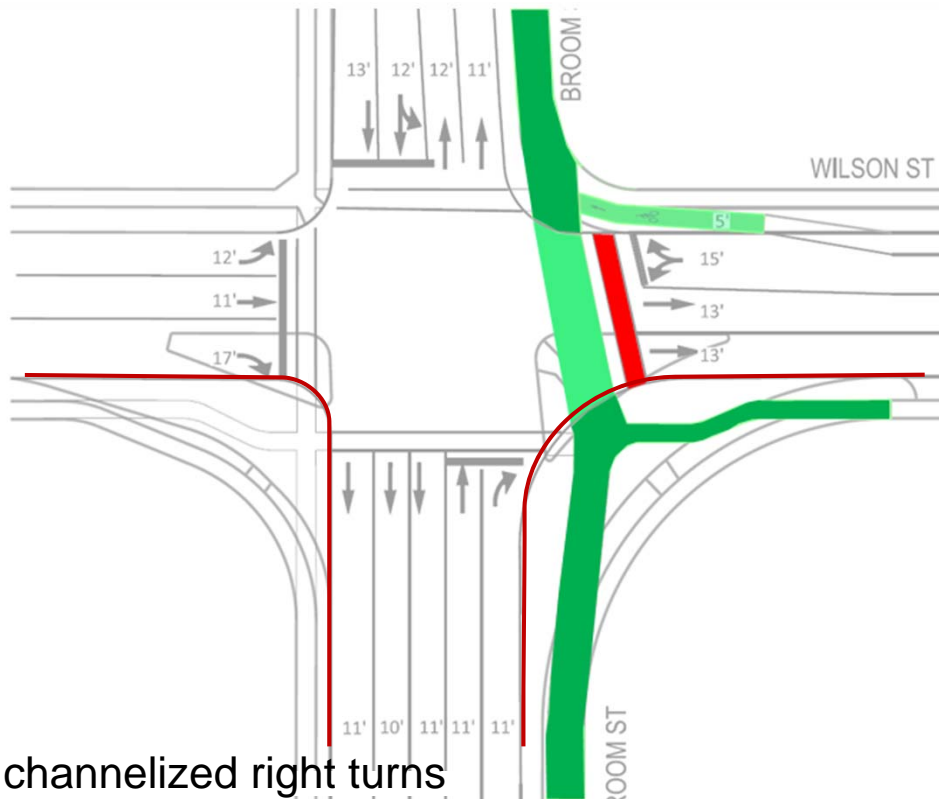
# Bassett Street



## Possible Improvements



The Wilson St corridor study is investigating a shared-use side path on Broom St from John Nolen to Doty. A northbound bike lane exists on Broom Street north of Doty St.



Remove channelized right turns

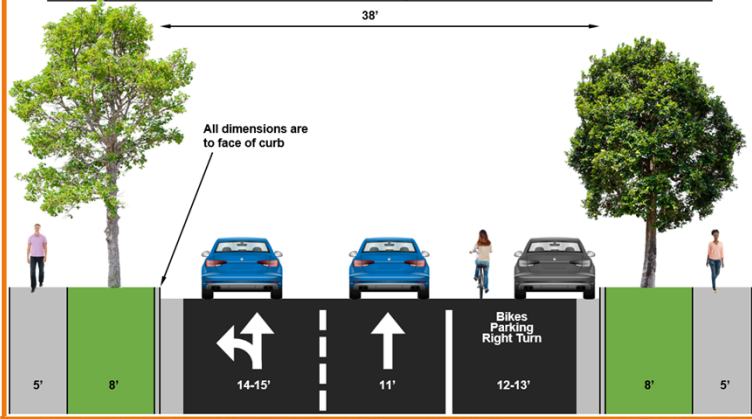


# Bassett Street



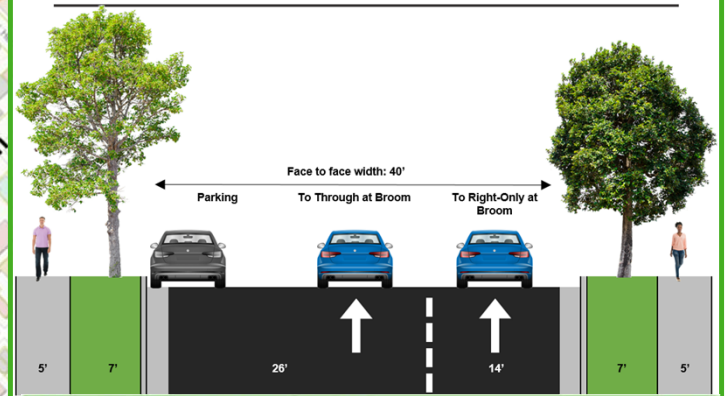
## Existing Typical Sections

### Existing Cross Section Dayton to W Washington

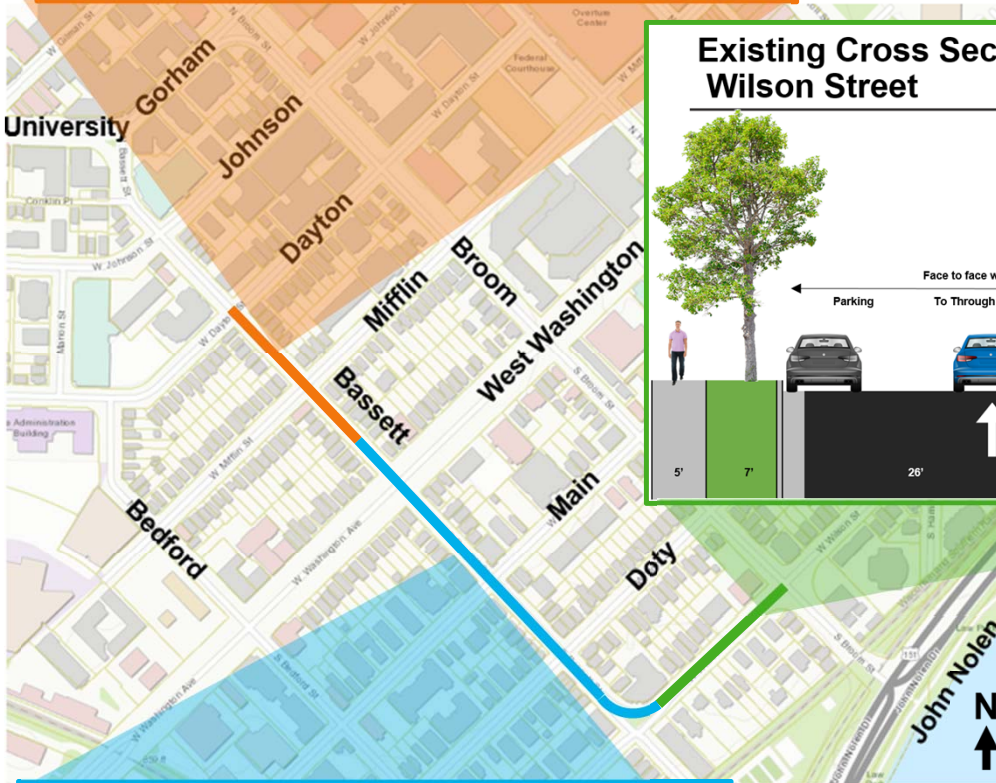


A

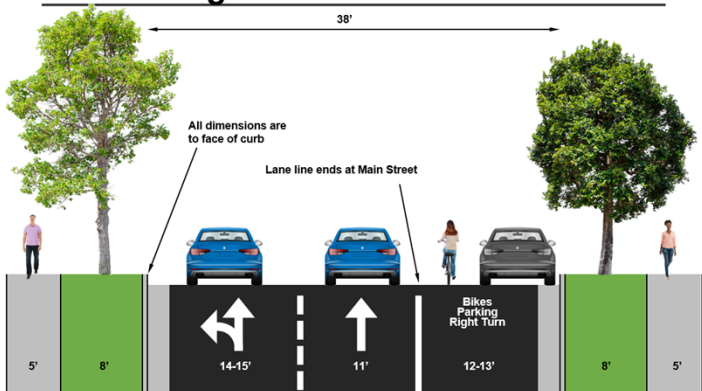
### Existing Cross Section Wilson Street



C



### Existing Cross Section W Washington to Wilson



B



# Bassett Street



## Existing Conditions



Dayton to West Washington

A



West Washington to Wilson

C



Wilson Street, Bassett to Broom

B



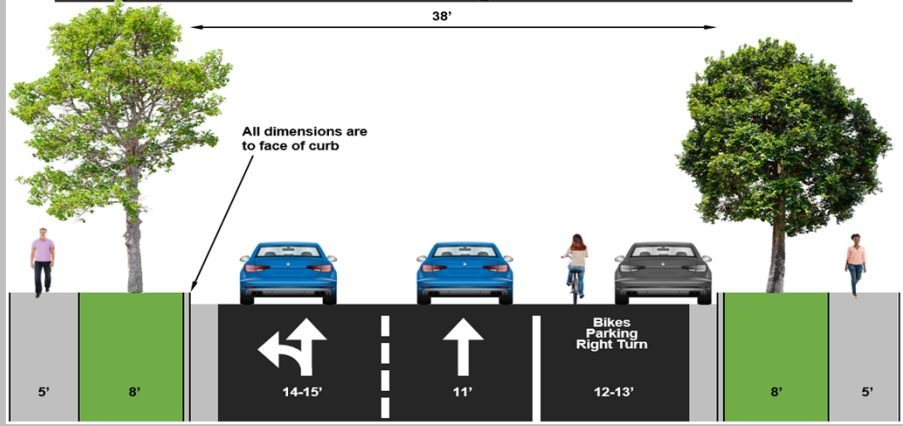
# Bassett Street



**A**

## Bassett Street from Dayton to W Washington Alternatives

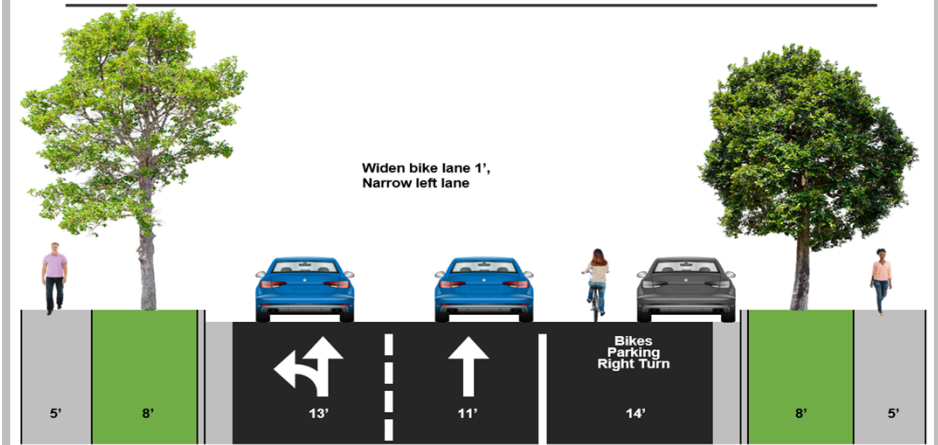
### Existing Cross Section Dayton to W Washington



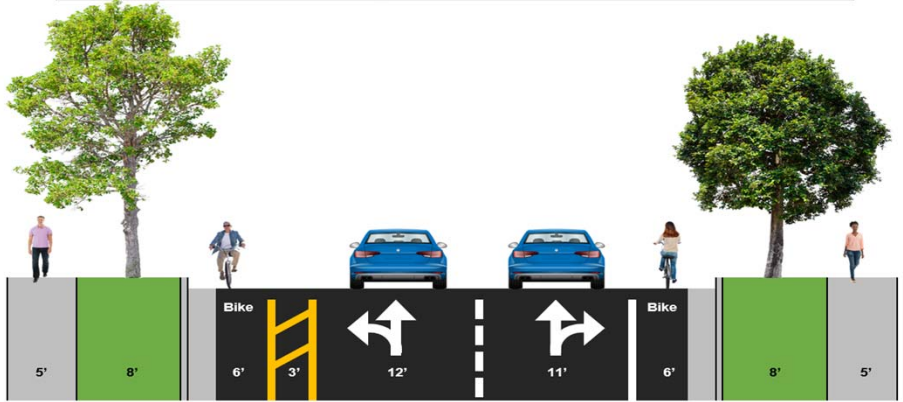
Existing conditions

Widen the parking/bike lane and narrow the far left lane by 1'

### Alt 1: Replace Existing Cross Section



### Alt 2: Bike Lanes in Both Directions Remove Parking



No parking and keep bike lane on right side. Add contraflow bike lane and buffer on reverse side.



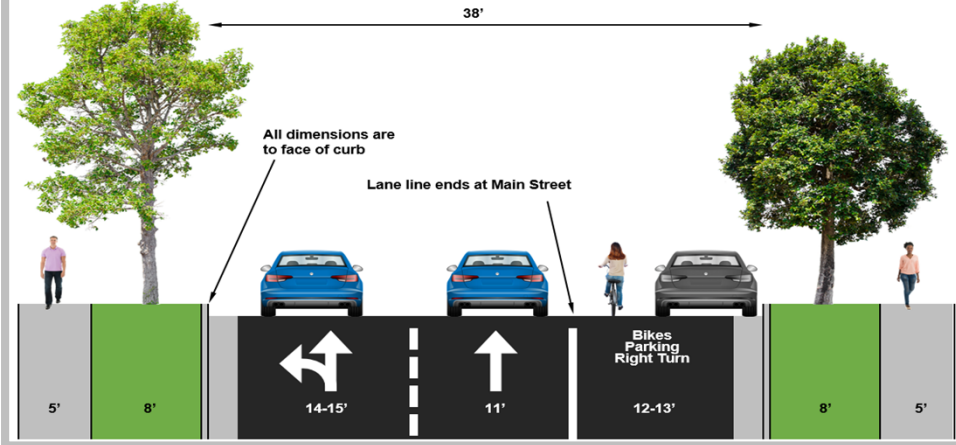
# Bassett Street



# B

## Bassett Street from W Washington to Wilson Alternatives

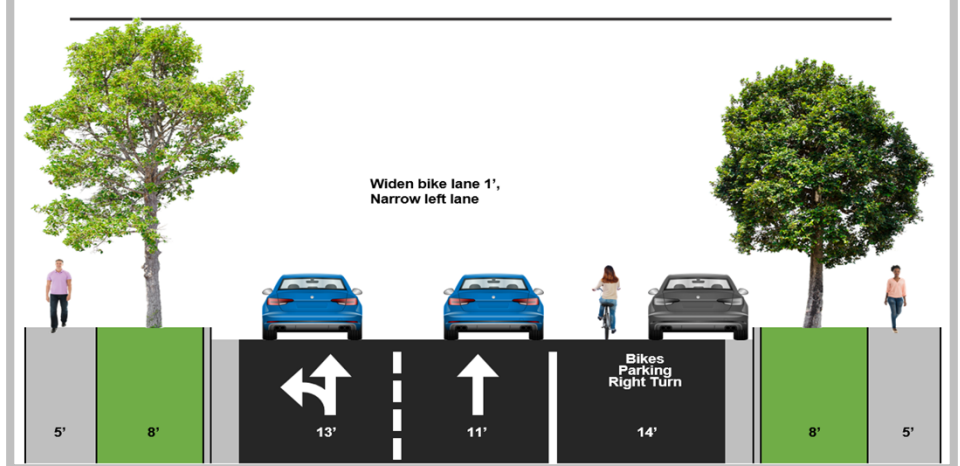
### Existing Cross Section W Washington to Wilson



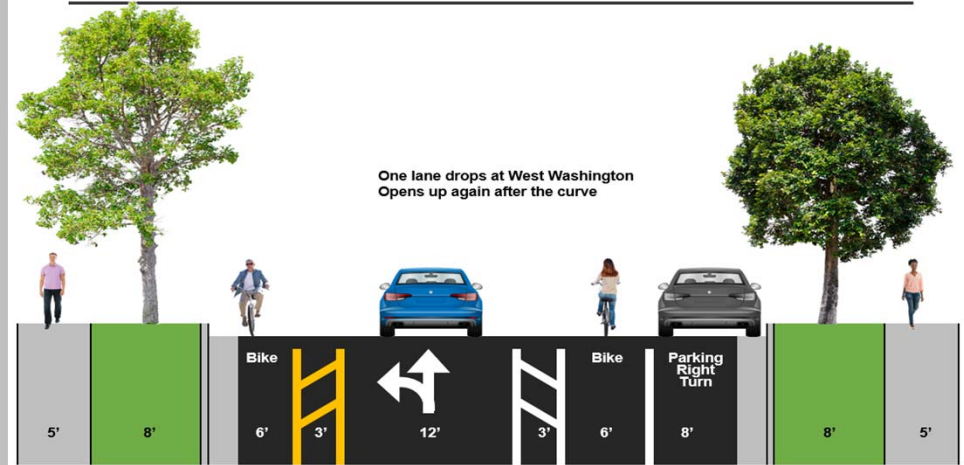
Existing conditions

Widen/extend the parking/bike lane and narrow the far left lane by 1'

### Alt 1: Replace Existing Cross Section



### Alt 2: Bike Lanes in Both Directions One Travel Lane Removed



Remove a lane, keep parking on right side with added bike lane with buffer. Add buffered contraflow bike lane on left side





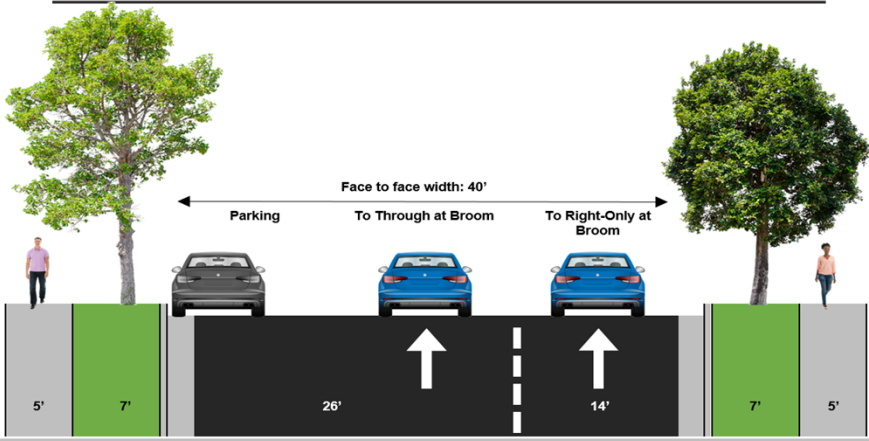
# Bassett Street



## C1

### Wilson St from Bassett to Broom Alternatives

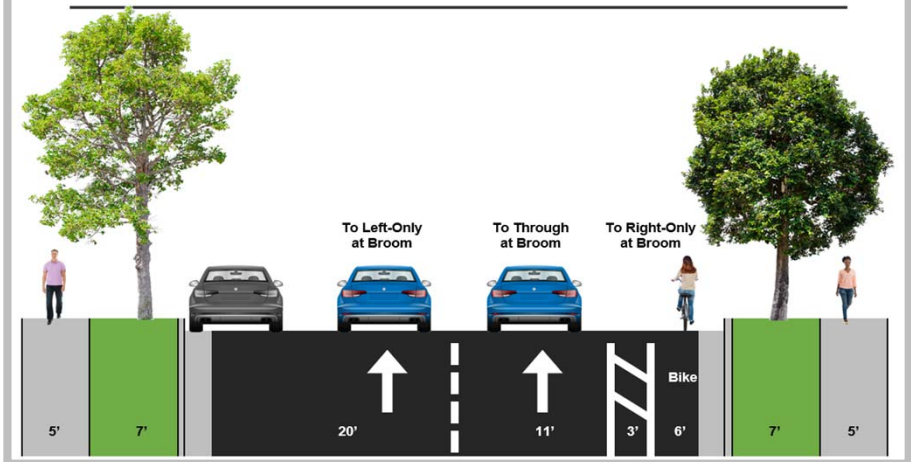
#### Existing Cross Section Wilson Street



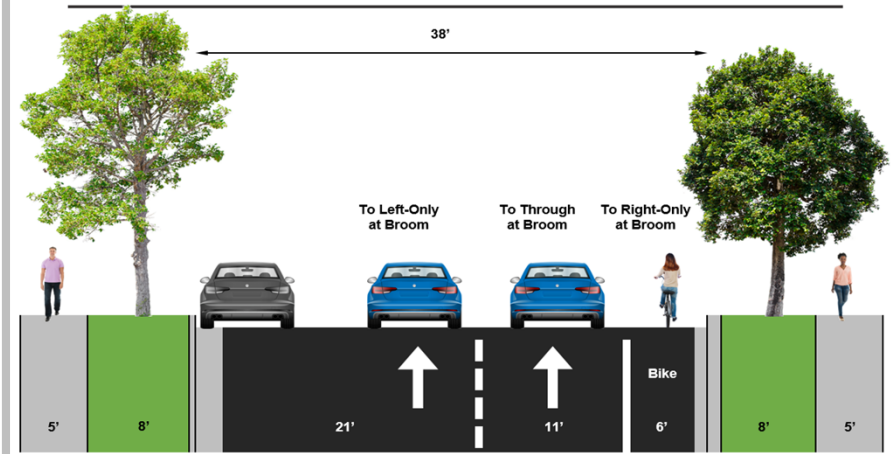
Existing conditions

Add an eastbound bike lane with a buffer.

#### Alt 1A: Eastbound Bike Lane



#### Alt 1B: Narrower Street with Bike Lane



Narrow street to 38' with an eastbound bike lane



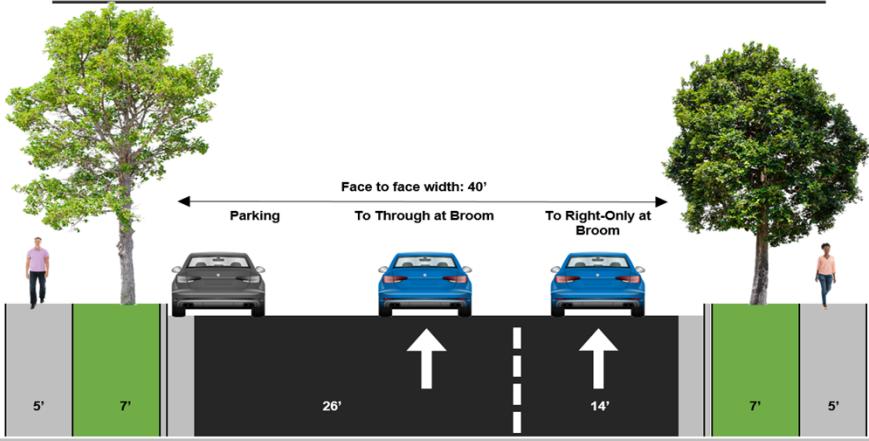
# Bassett Street



## C2

## Wilson St from Bassett to Broom Alternatives

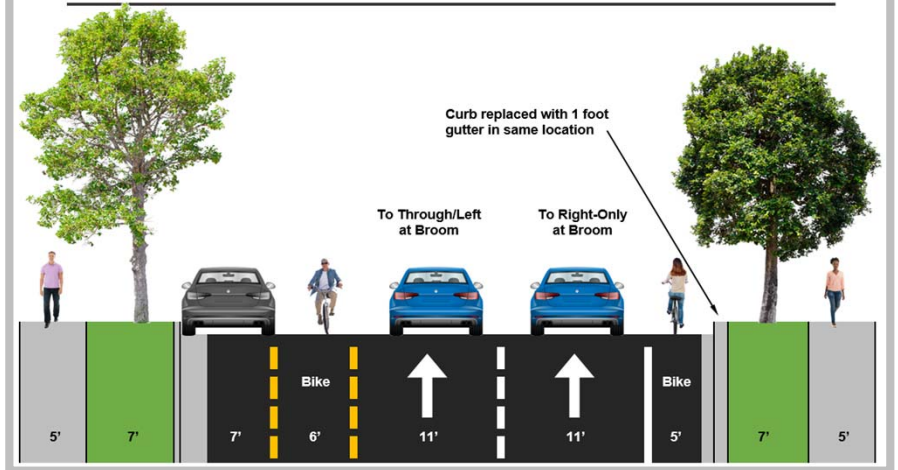
### Existing Cross Section Wilson Street



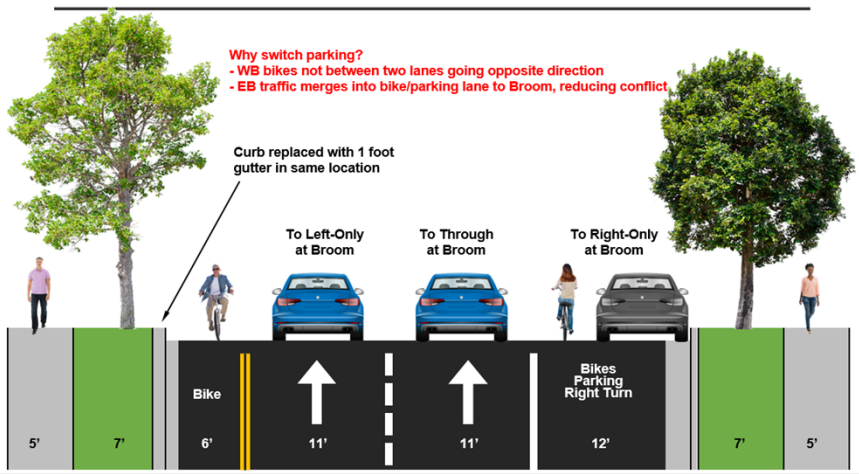
Existing conditions

Decrease lane widths, with added eastbound bike lane and contraflow bike lane between parking and left traffic lane

### Alt 2A: Bike Lanes both Directions



### Alt 2B: Parking Switched, Bike Lanes



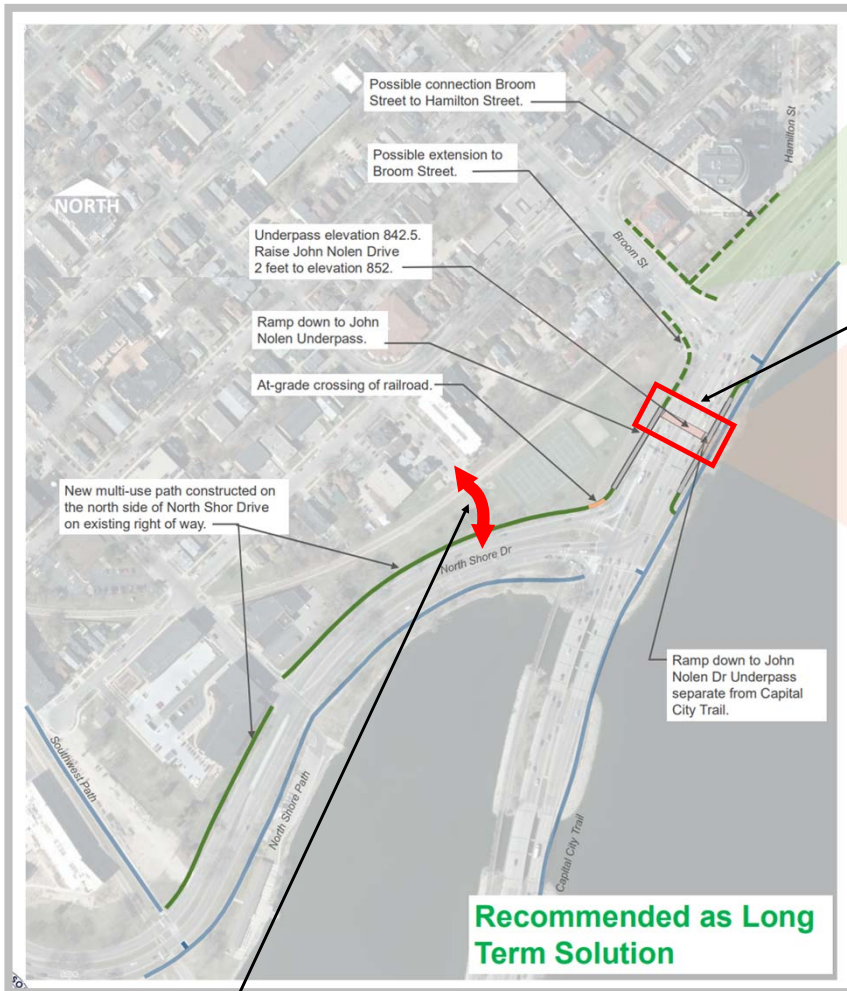
Switch parking to opposite side with shared eastbound bike lane. Narrow lanes and add contraflow bike lane going westbound



# Bassett Street



## John Nolen Underpass to Capital City Trail



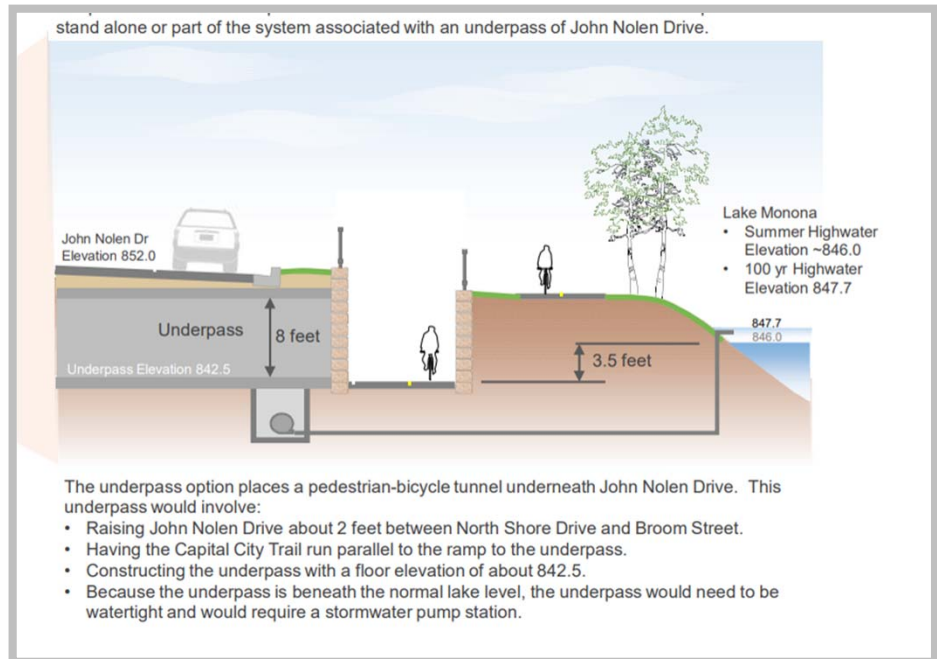
In 2016, the City of Madison studied the John Nolen Drive corridor. One option in the report recommended a grade separated underpass for pedestrians and bikes.

Possible John Nolen underpass

Overview of possible John Nolen underpass to access Capital City Trail

Bike connection through Brittingham Park

Cross Section of the possible John Nolen underpass



# Bassett Street



## Bike & Pedestrian Accommodation Option Overview

### Pedestrian Improvements

