

# 2018 Street Improvements

Division, Seventh, and Washington Streets

Project Summary  
September 19, 2017

# Presentation Outline

- Project schedule / process
- What are Complete Streets
- Preferred concept highlights

# Project Process

- ~~• August 2, 2017 — Neighborhood Meeting~~
- ~~• August 9, 2017 — Community Meeting~~
- ~~• August 22, 2017 — Order Preparation of Feasibility Report~~
- ~~• August 30, 2017 — Neighborhood/Community Meeting~~
- ~~• Sept. 12, 2017 — Share concepts with City Council~~
- **Sept. 19, 2017** — **City Council Approve Concept**
- Oct. 17, 2017 — Accept Feasibility Report and Call for Improvement Hearing
- Oct. 17, 2017 — Order Preparation of Plans and Specifications
- Nov. 14, 2017 — Improvement Hearing
- Nov. 21, 2017 — Order Improvement
- Jan. 24, 2018 — Neighborhood Meeting
- Feb. 6, 2018 — Approve Plans and Order Advertisement for Bids
- Mar. 8, 2018 — Bid Opening
- Mar. 20, 2018 — Accept Bids and Award Contract/Declare Amount to be assessed
- April 17, 2018 — Assessment Hearing
- May 1, 2018 — Adopt Assessments
- May–Nov 2018 — Construction

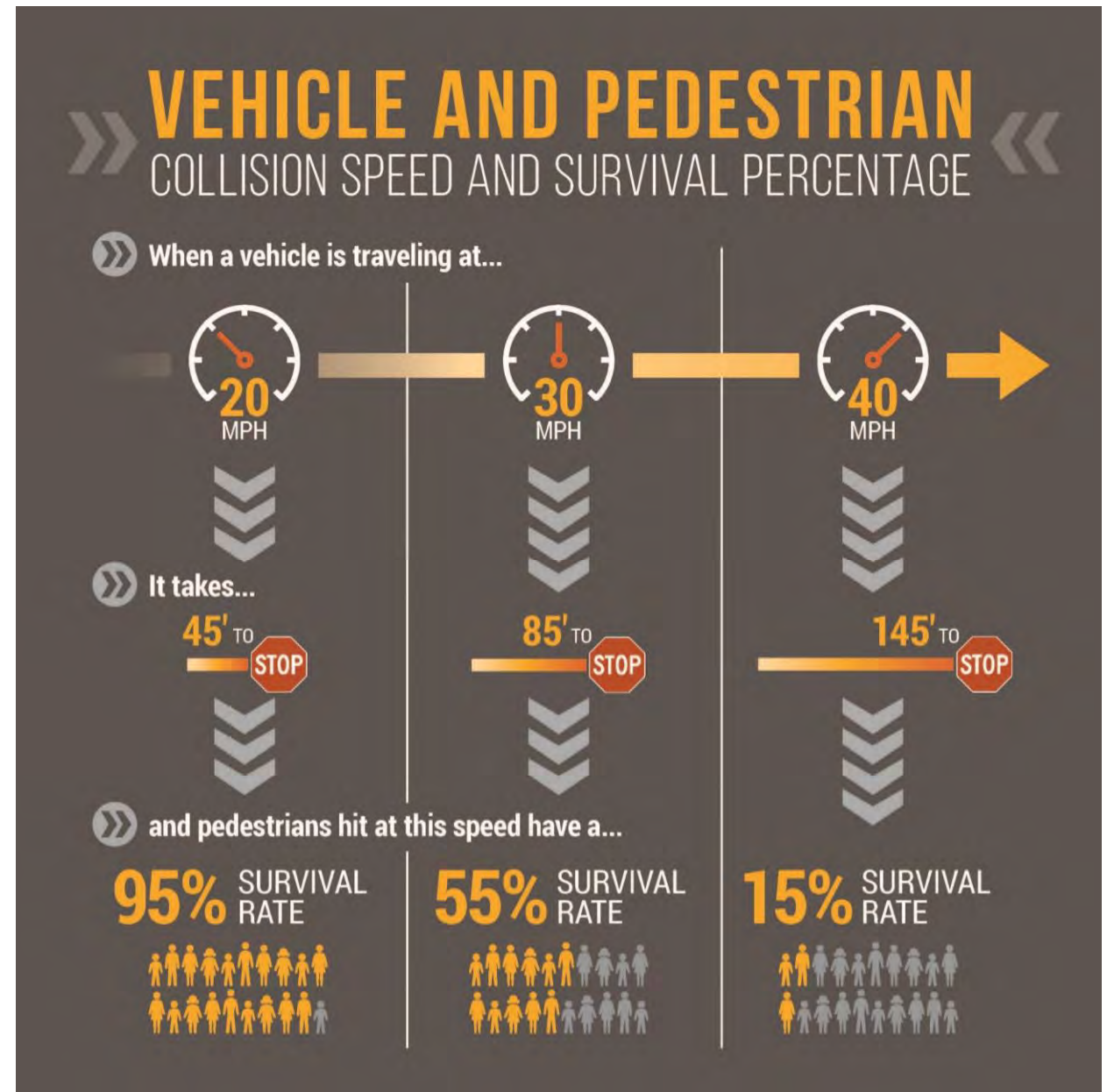
# What are complete streets?

- Safe and comfortable streets for all users
- Put pedestrians first
- Comfortable places to bike
- Safe crossings
- Streets that are places



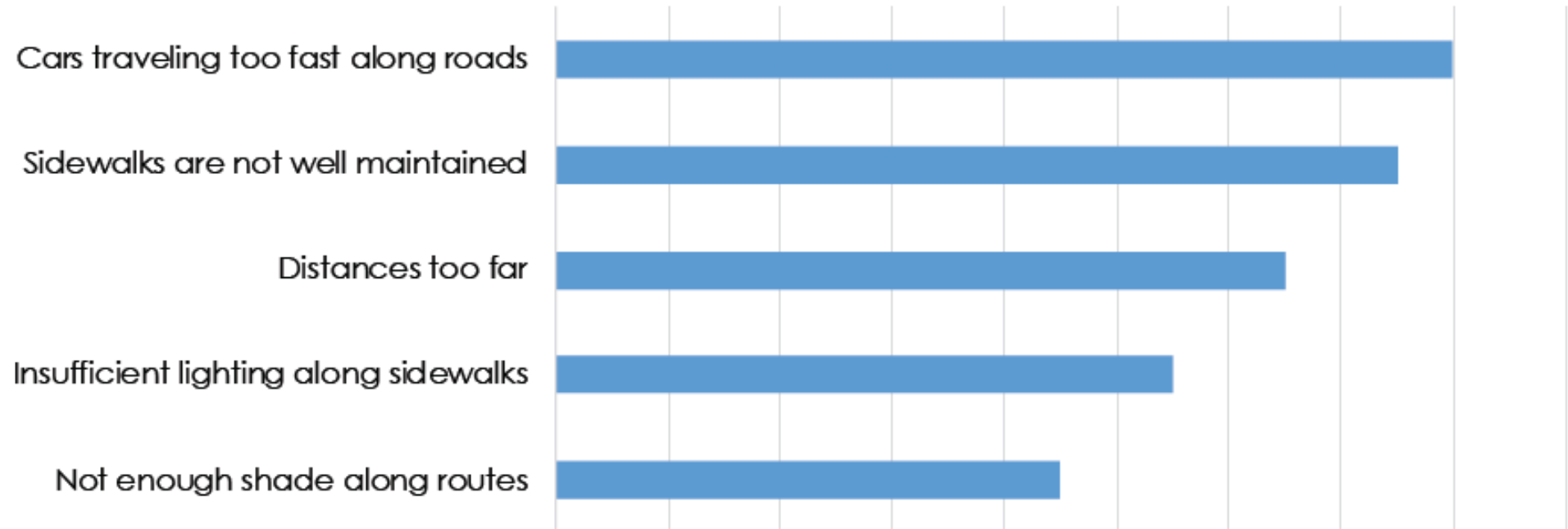
# Why do we want them?

- Reducing traffic speeds saves lives



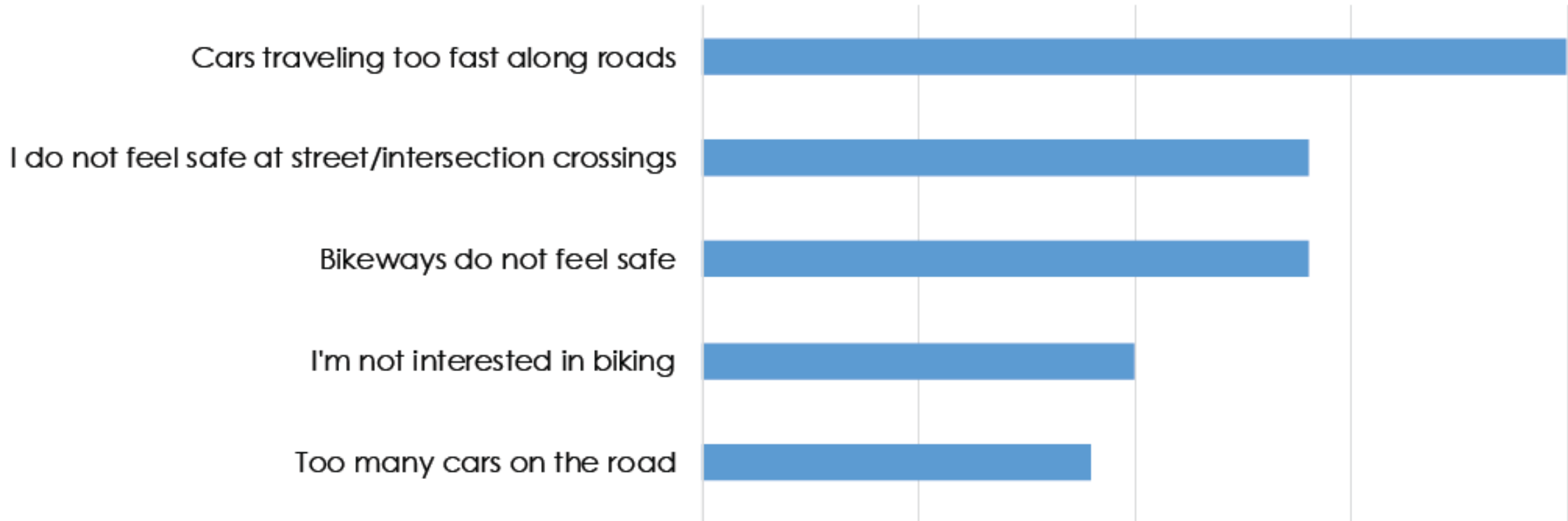
# What we heard

## Top Barriers to Walking



# What we heard

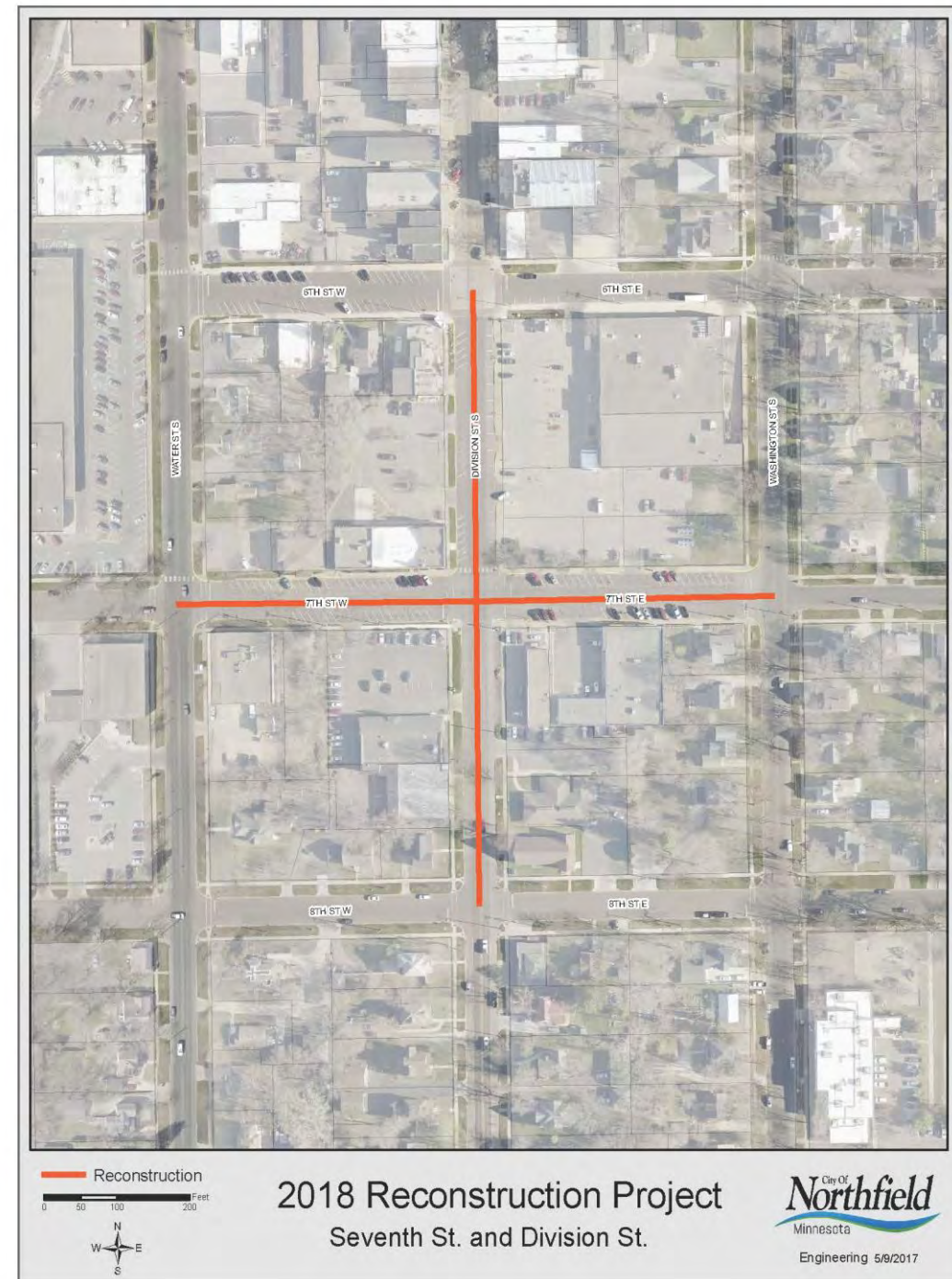
## Top Barriers to Biking





# Division Street and Seventh Street Reconstruction

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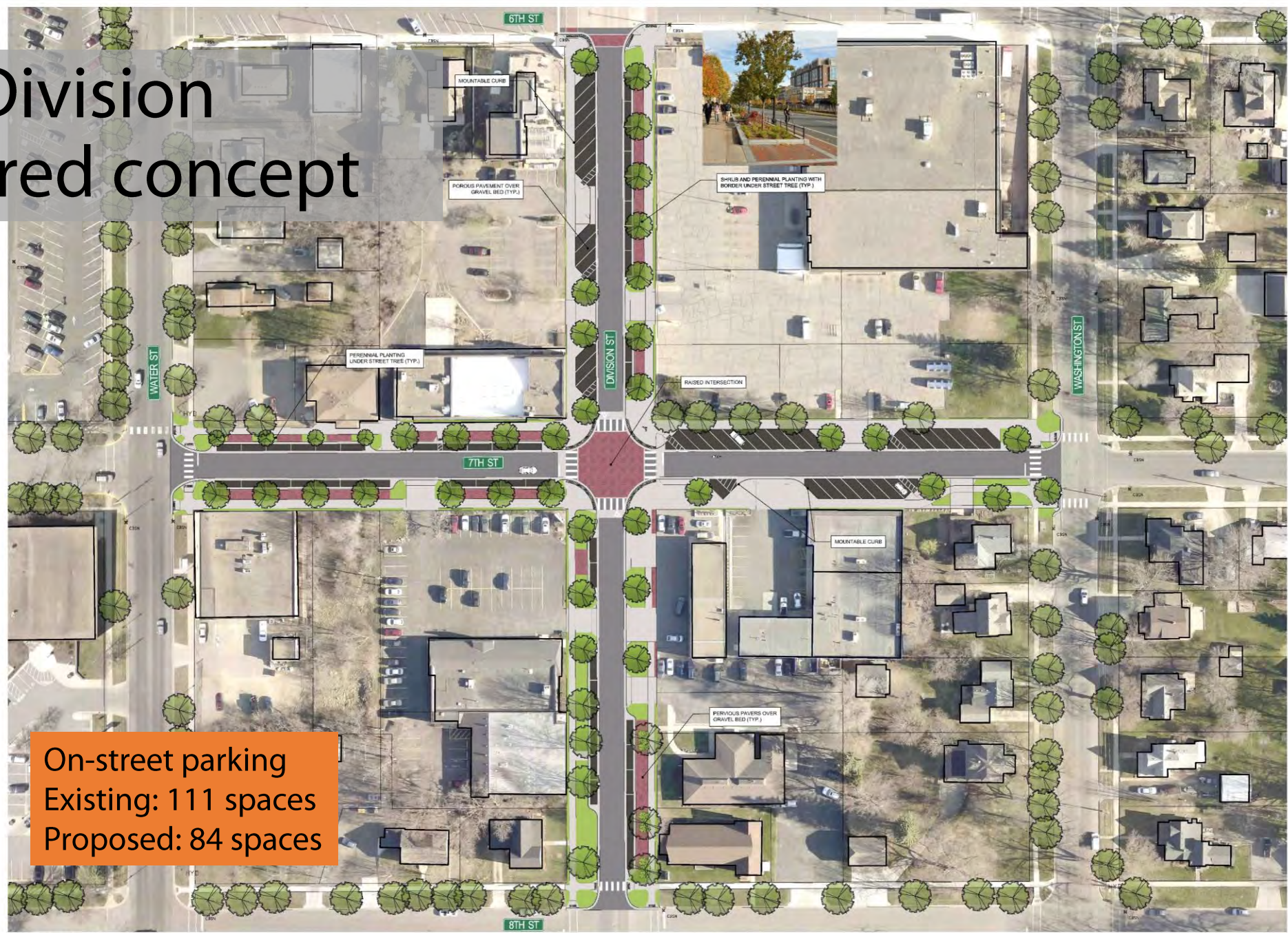
# 7th / Division - three options considered

	DIVISION STREET & 7 <sup>th</sup> STREET	
	Unique Features	Common Features
Concept 1	<ul style="list-style-type: none"><li>▪ Decorative high-visibility crossings</li><li>▪ Angle parking wherever possible</li></ul>	<ul style="list-style-type: none"><li>▪ Landscaped areas</li><li>▪ New trees</li><li>▪ Valley gutters</li><li>▪ Curb extensions</li><li>▪ Maintains parking</li><li>▪ Handicap accessible parking spaces</li><li>▪ New sidewalk on north side of 7<sup>th</sup> Street, west of Division St</li><li>▪ Permeable pavers</li></ul>
Concept 2	<ul style="list-style-type: none"><li>▪ Raised intersection</li><li>▪ Mixture of angle &amp; parallel parking</li></ul>	
Concept 3	<ul style="list-style-type: none"><li>▪ Raised intersection</li><li>▪ Additional green space on Division</li><li>▪ More landscaped areas</li><li>▪ Parallel parking throughout</li></ul>	



# 7th / Division preferred concept

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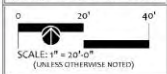
On-street parking  
Existing: 111 spaces  
Proposed: 84 spaces

XXX  
NTS

**REVISIONS**

#	DATE	DESCRIPTION
1		
2		
3		
4		

DR BY: XX RELEASE DATE: 2.21.2017  
AP BY: XX REVISION DATE: 2.21.2017

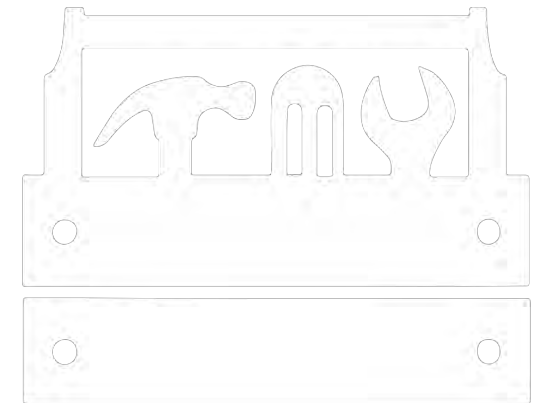


L# SHEET NUMBER  
# OF #



# Complete Streets features applied to 7th / Division

- Curb extensions
- Driveway design
- Dedicated landscaping areas with trees
- Raised intersection
- High visibility crosswalks
- Valley gutters



# 7th / Division curb extensions



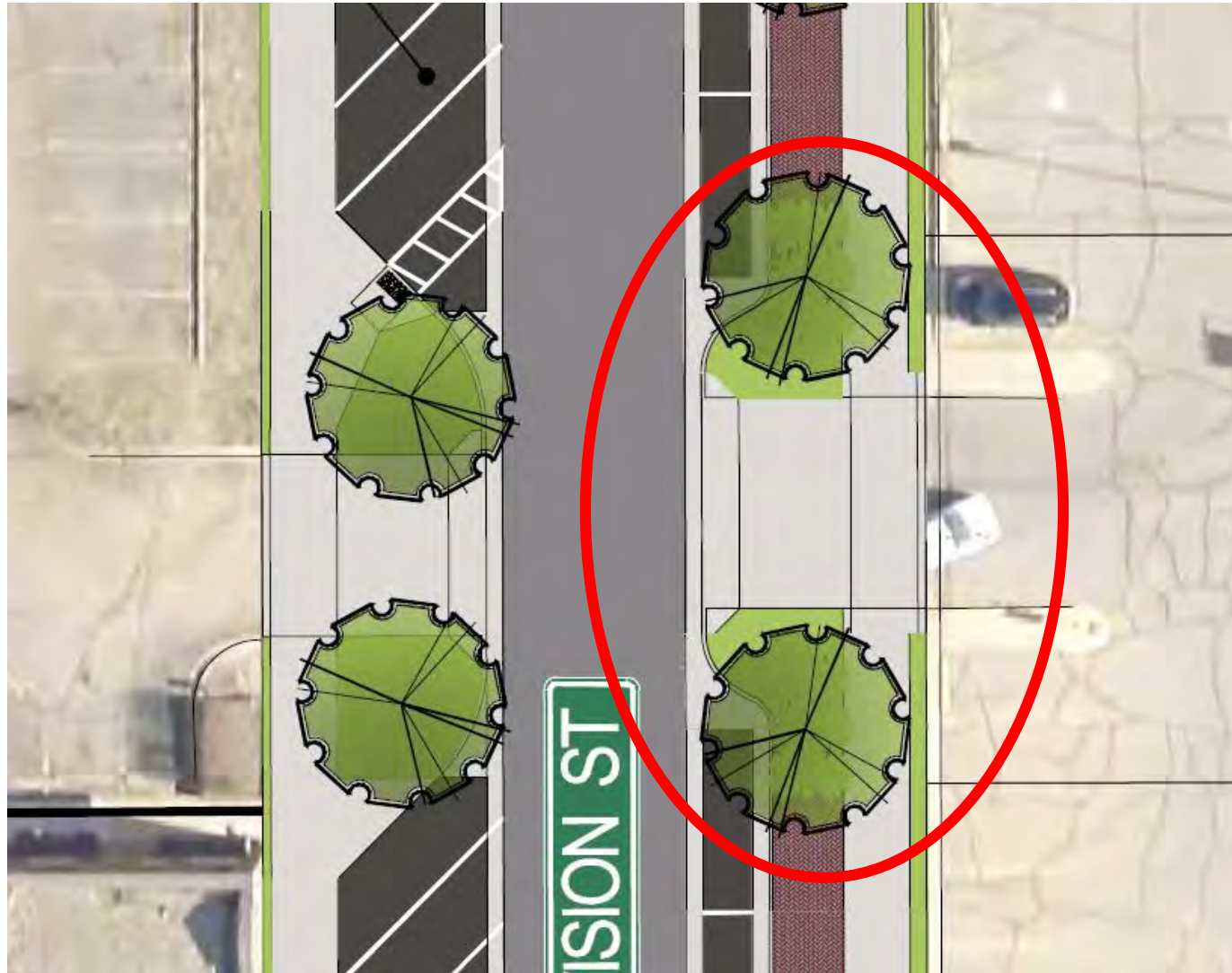


# Curb Extensions



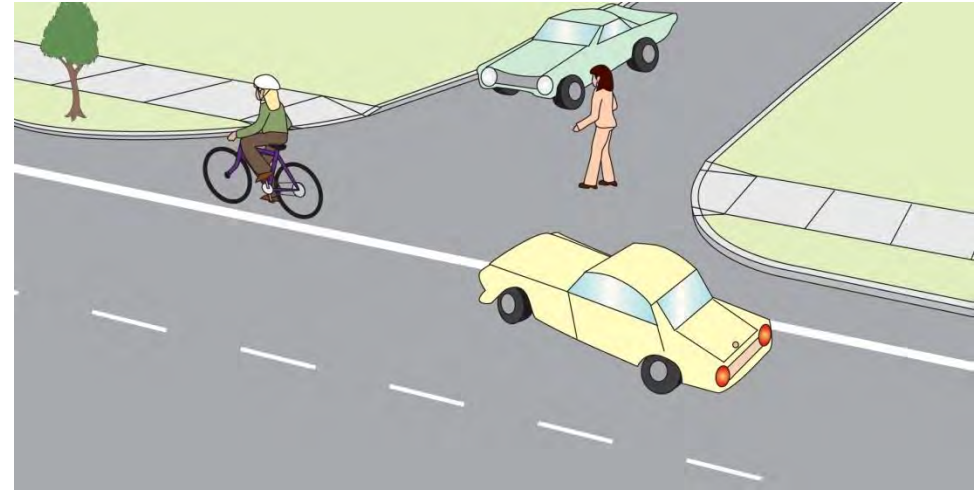


# 7th / Division driveway design

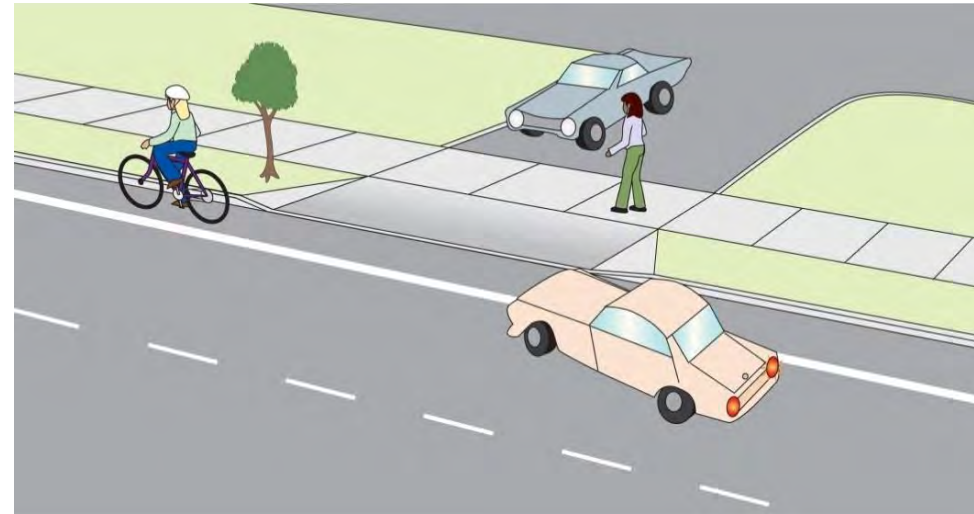


# Driveway design

Driveways built like intersections encourage high-speed turns

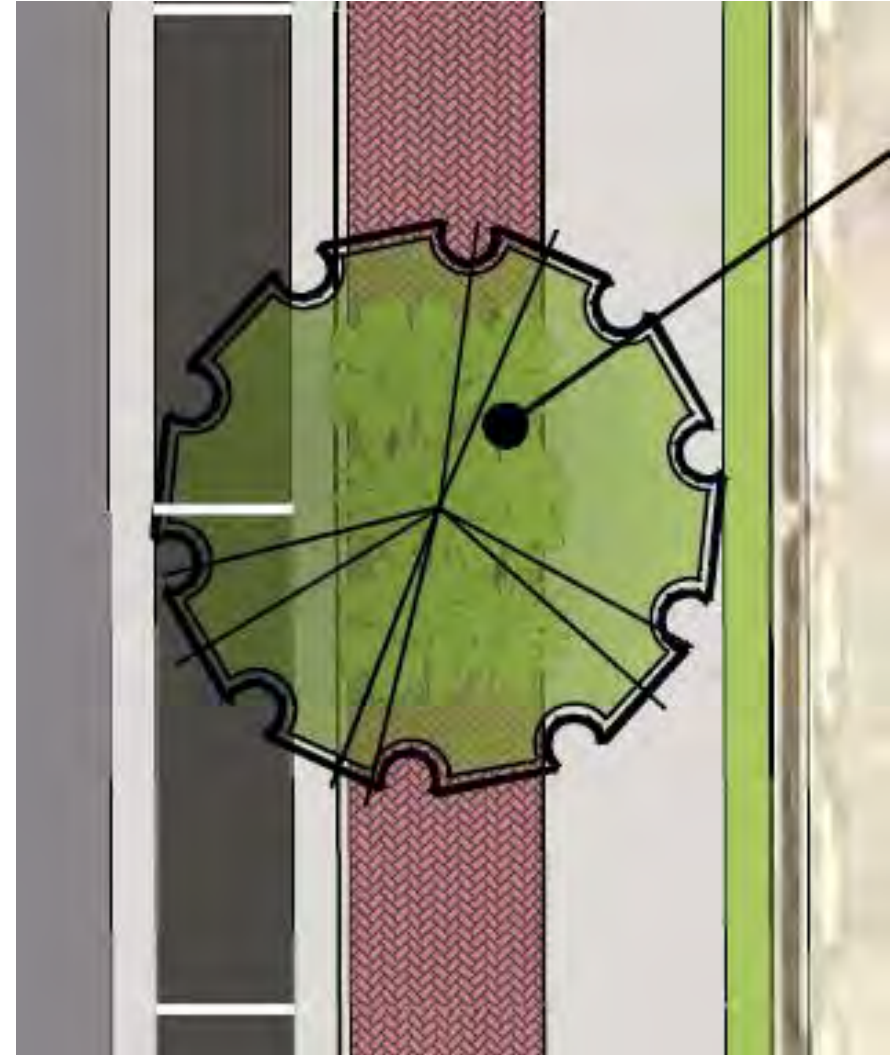


Continuous, level sidewalks and tight corners encourage slow-speed turns



# 7th / Division dedicated landscaped area

- More than just trees
- Shrubs & perennial plants under street trees
- Defined border – curb or fencing
- Hardscape between planting areas



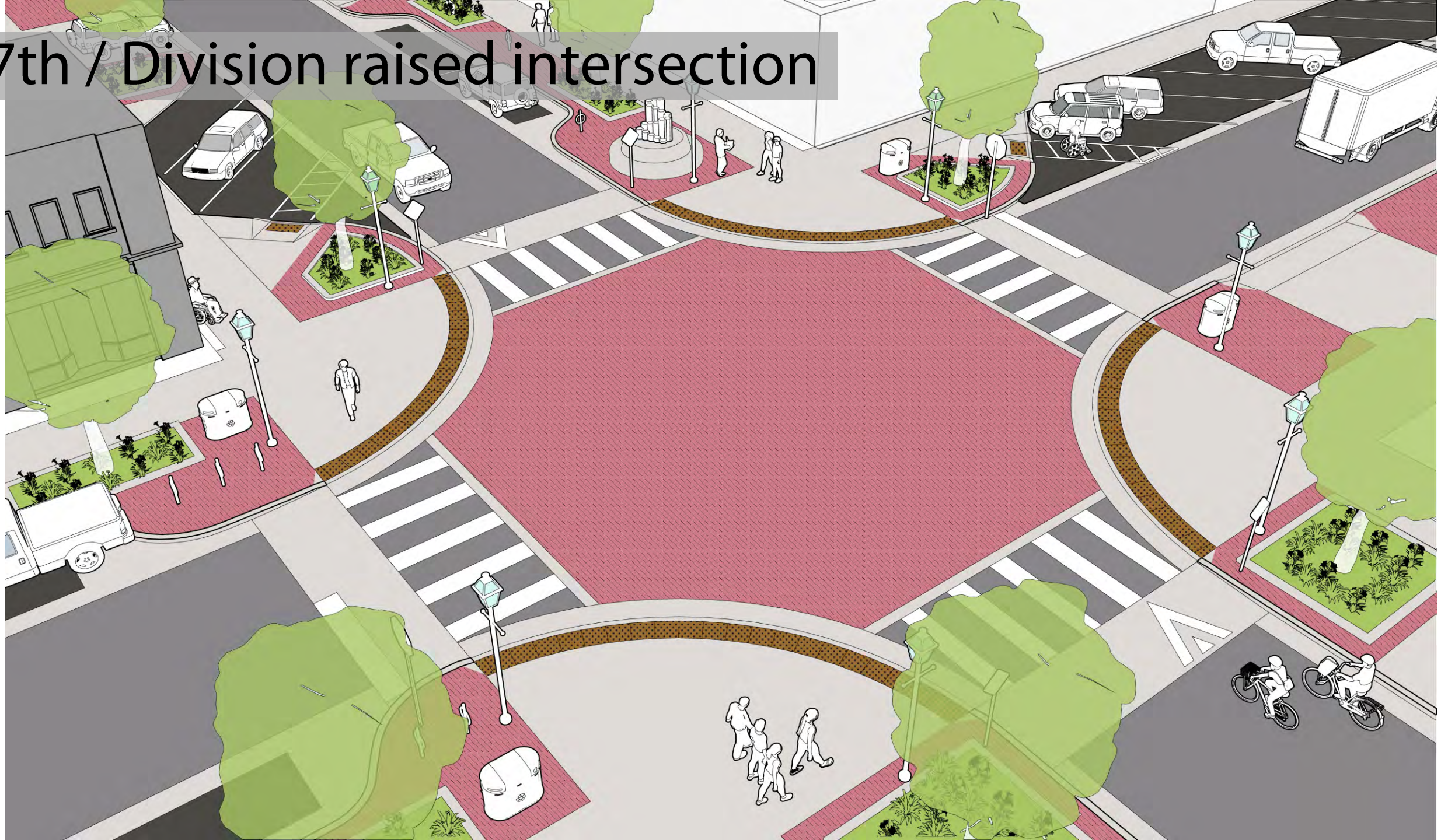


# Dedicated landscaped areas





# 7th / Division raised intersection



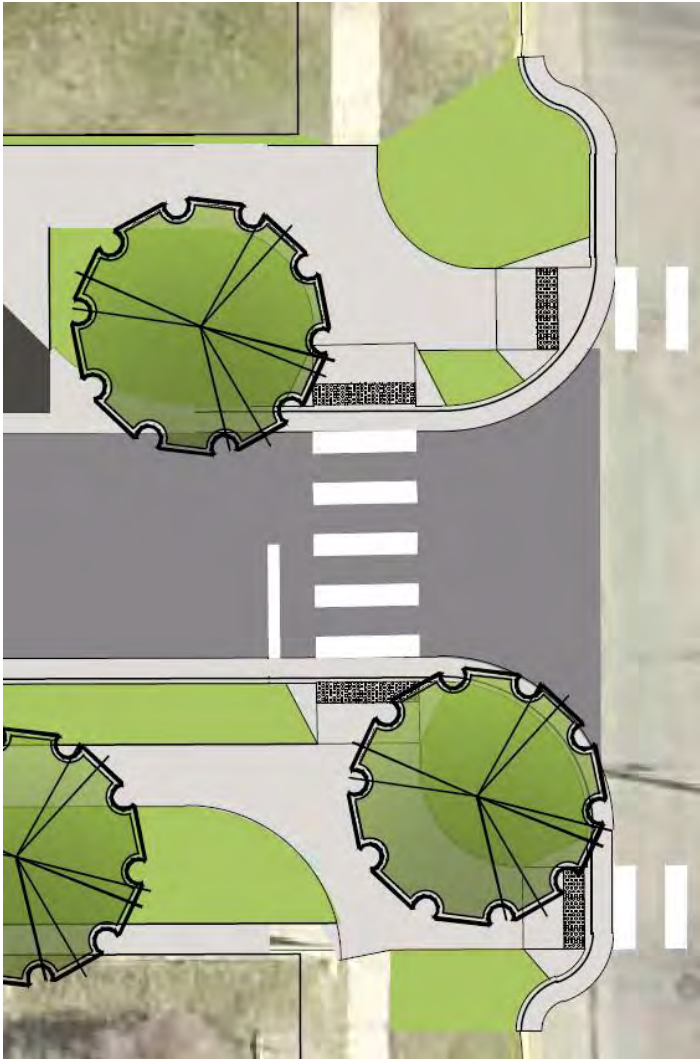


# Raised intersection

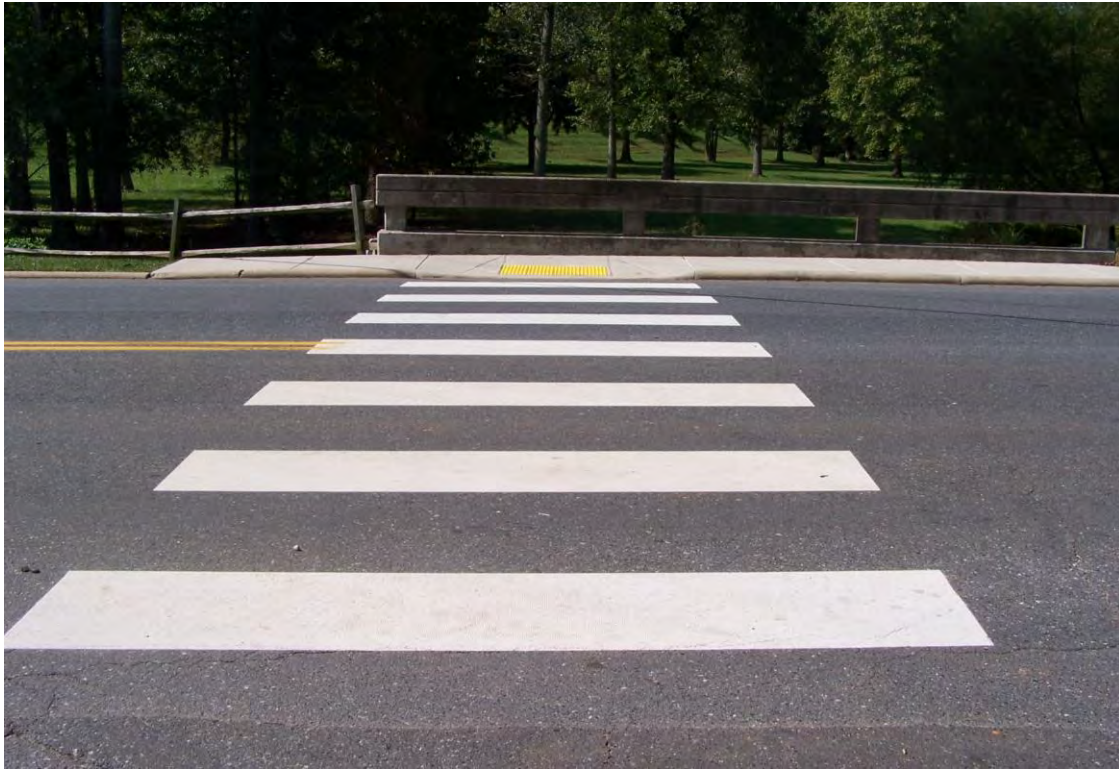
- Elevates intersection to sidewalk level
- Cars are guests in the pedestrian space
- Improves visibility
- Slows traffic
- Gradual slope



# 7th / Division high visibility crosswalks







# High visibility crosswalks

# 7th / Division valley gutters





# Valley gutters

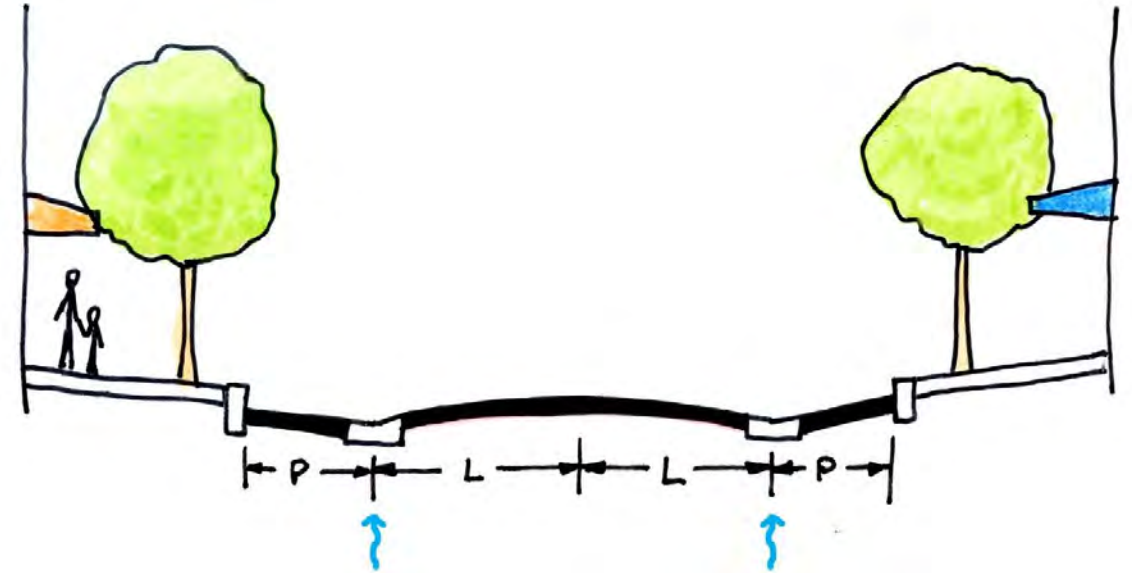
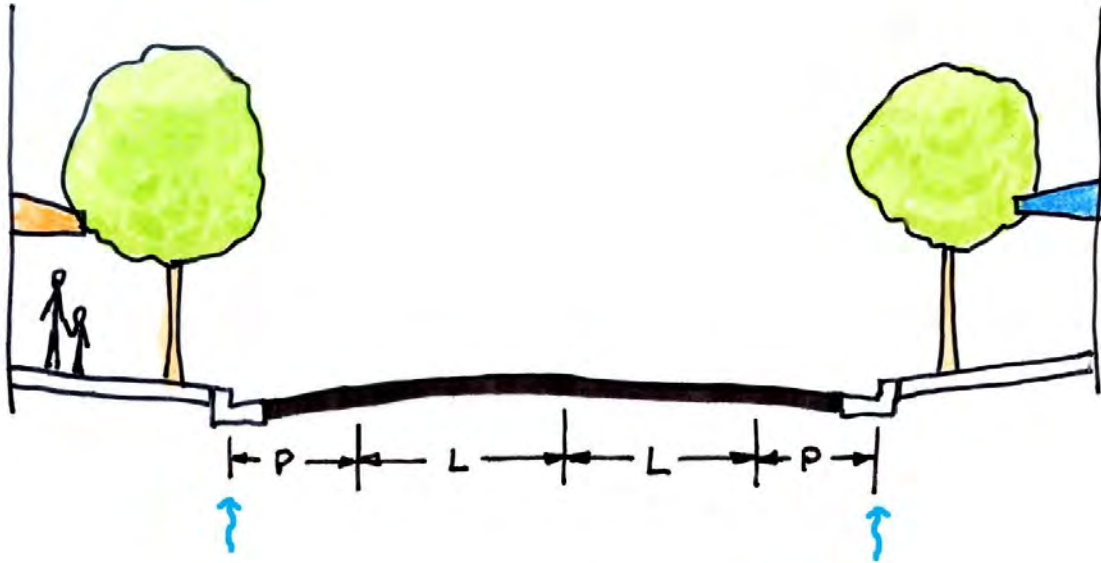
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- optical narrowing
- clean edge
- change in material
- simple drainage with curb extension
- stormwater opportunities





# Traditional gutters vs valley gutters



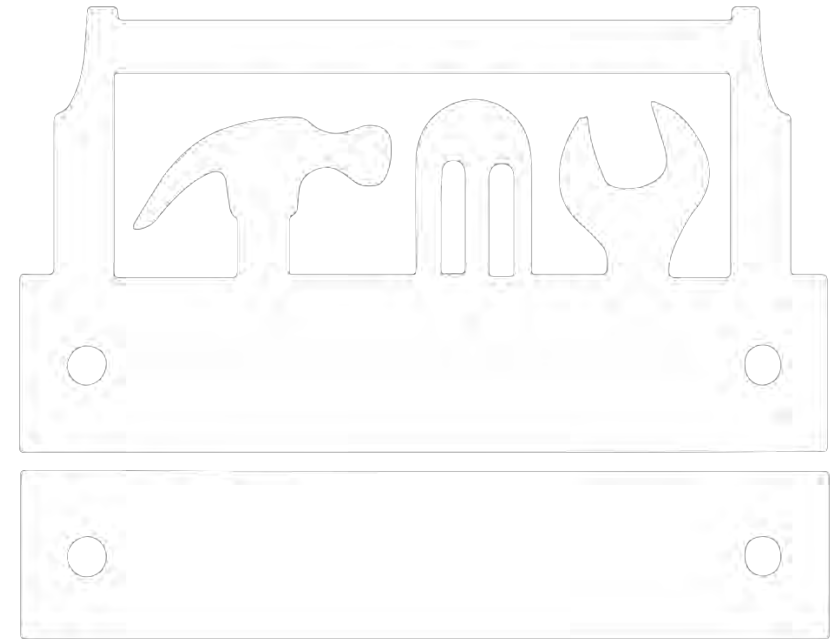
# Washington Street Mill and Overlay

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# Complete Streets features applied to Washington St

- Curb extensions
- Driveway design
- Trees
- High visibility crosswalks
- Bicycle pavement markings & signage



# Washington - three options considered

	WASHINGTON STREET	
	Unique Features	Common Features
Concept 1	<ul style="list-style-type: none"><li>▪ Median crossing island at Washington &amp; 5<sup>th</sup></li><li>▪ Median crossing island at Washington &amp; Woodley</li><li>▪ Some curb extensions</li></ul>	<ul style="list-style-type: none"><li>▪ High visibility crosswalk markings</li><li>▪ Expanded bus stop at 8<sup>th</sup> and Washington</li><li>▪ New sidewalk on West side of Washington at 2<sup>nd</sup> St</li><li>▪ No changes made to 6<sup>th</sup>/Washington due to existing truck turning movements</li><li>▪ Maintains existing parking</li><li>▪ Bicycle boulevard pavement markings</li></ul>
Concept 2	<ul style="list-style-type: none"><li>▪ Curb extensions at every intersection except 6th</li></ul>	
Concept 3	<ul style="list-style-type: none"><li>▪ Long curb extensions at every intersection except 6th</li><li>▪ Mid-block curb extensions</li></ul>	



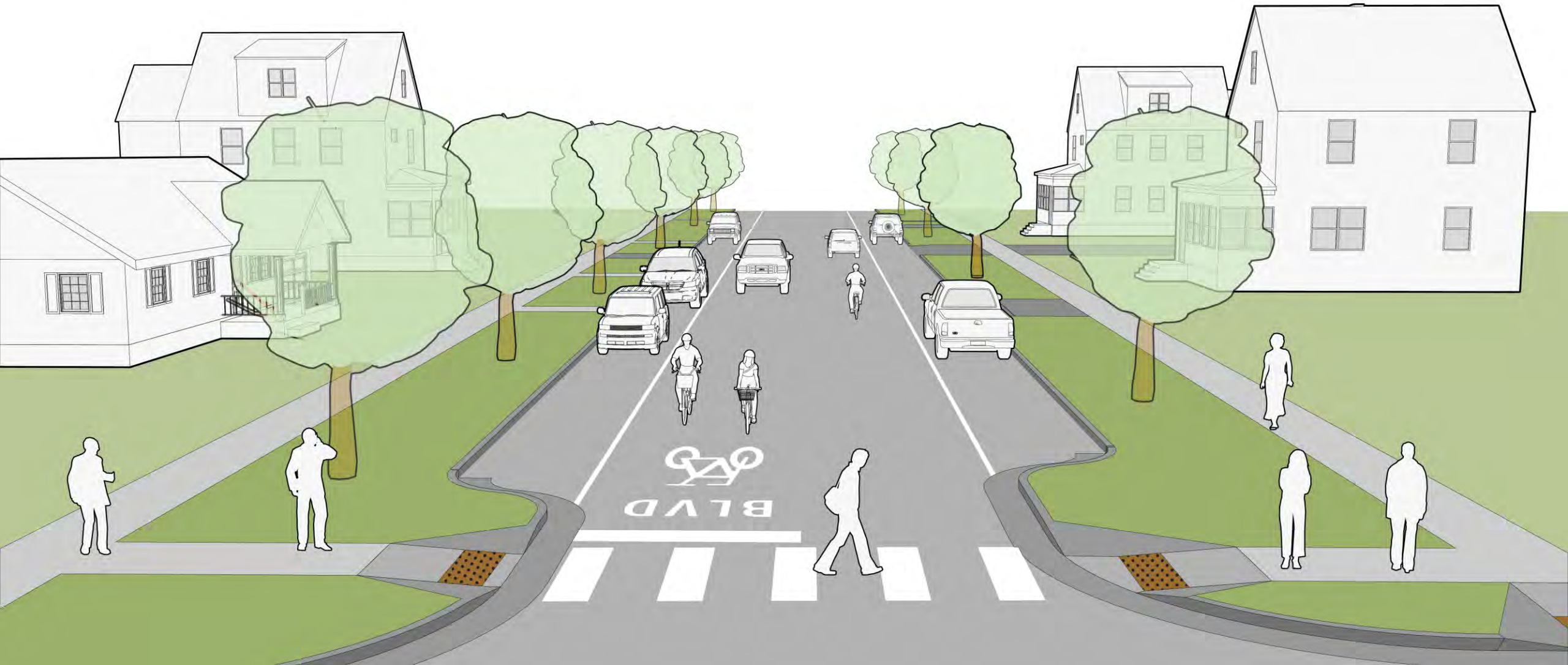
# Washington – preferred concept (Concept 2)



On-street parking estimate  
Existing: 245 spaces  
Proposed: 219 spaces (89%)

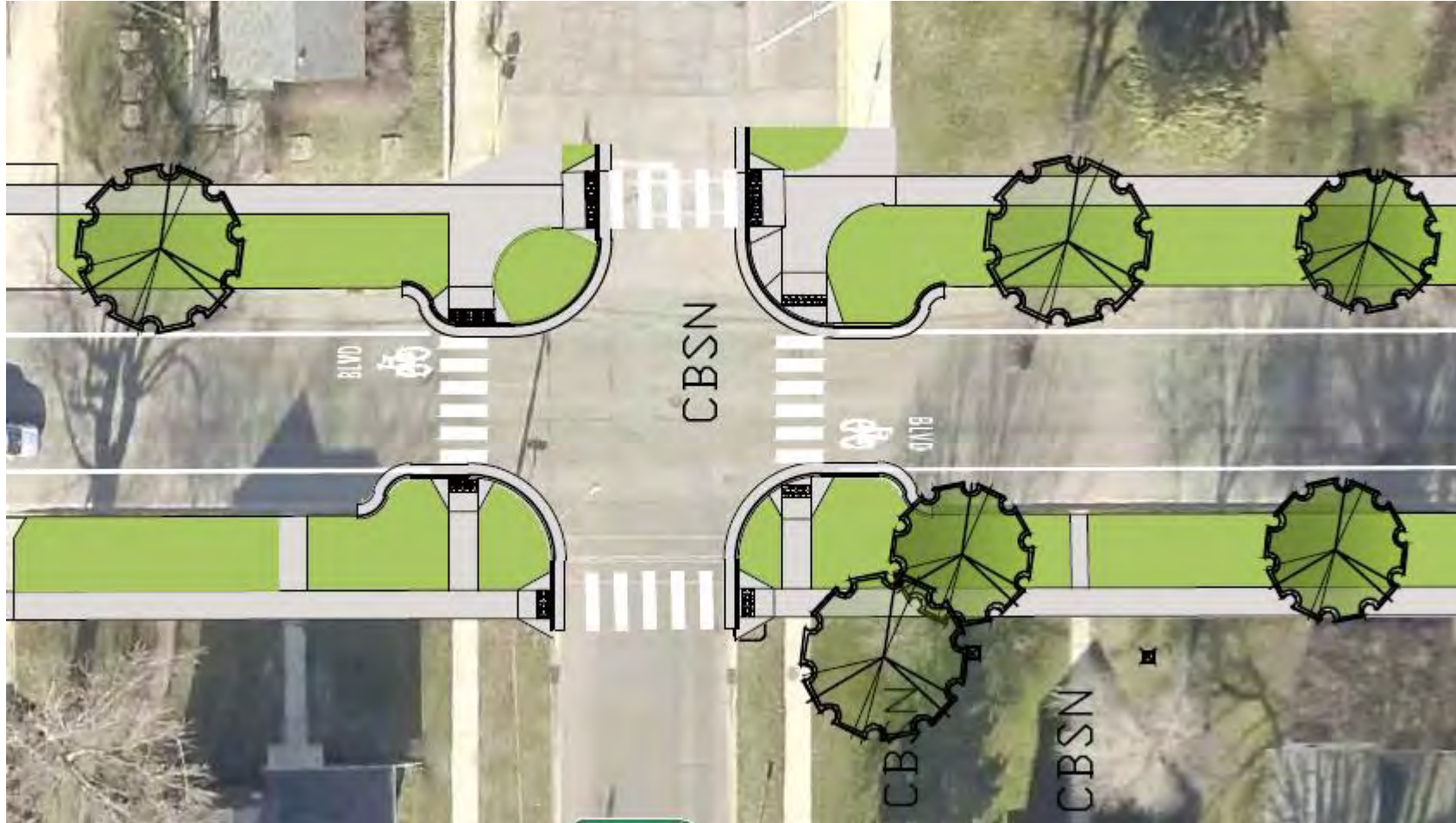


# Washington Street – Option 2



# Parking design

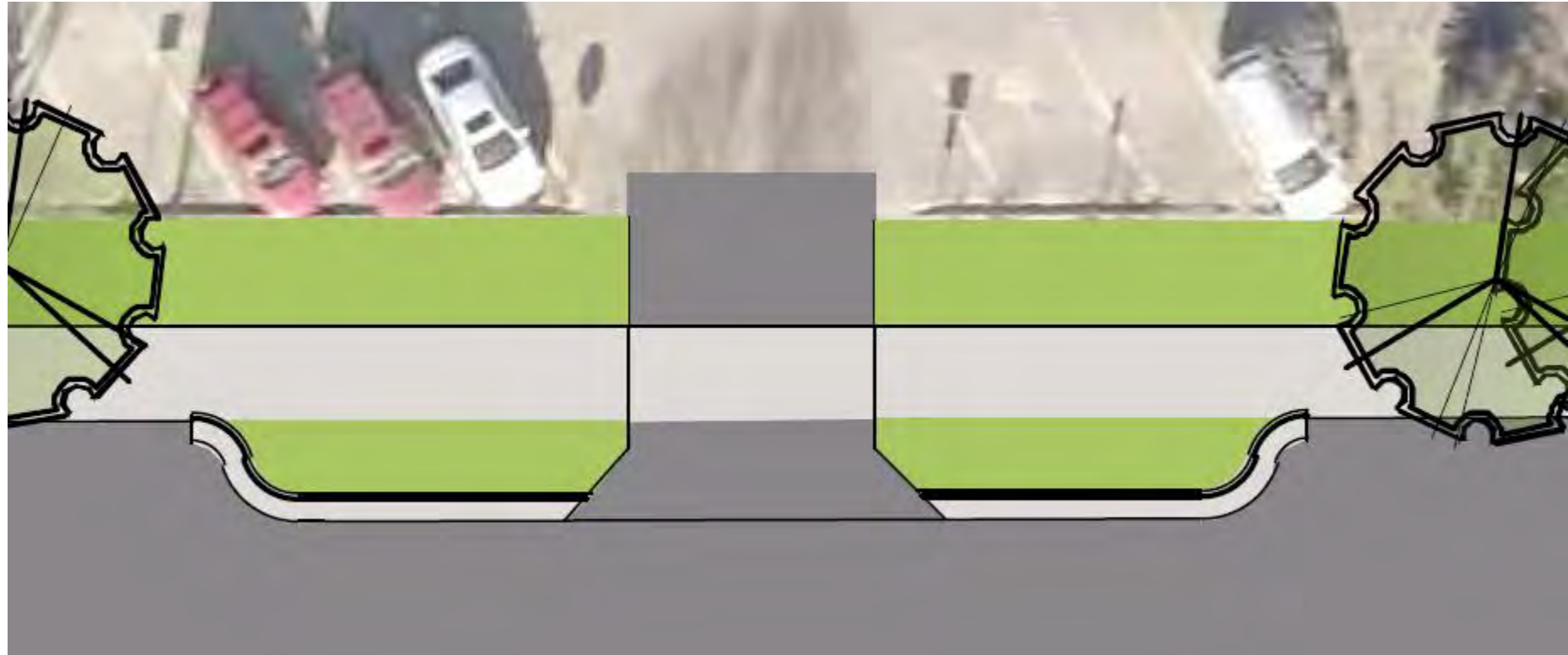
- Pavement markings narrow roadway & define parking area





# Driveway design

- Improves visibility
- Adds green space
- Defines parking area
- Narrows roadway



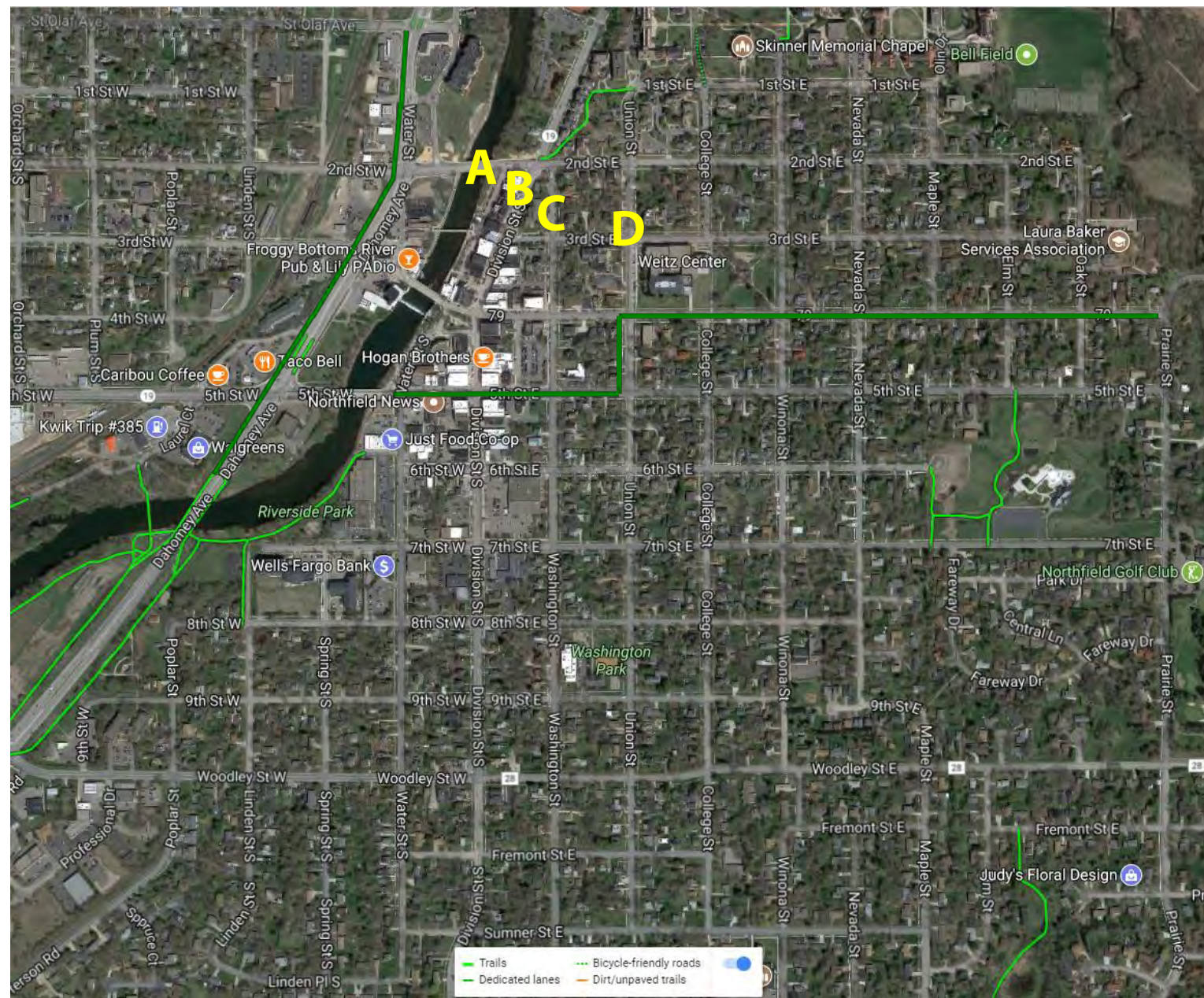
# What about bikes on Washington?



# Downtown Bicycle Network Evaluation

## North/South Route Options

- A. River Commons
- B. Division St
- C. Washington St
- D. Union St

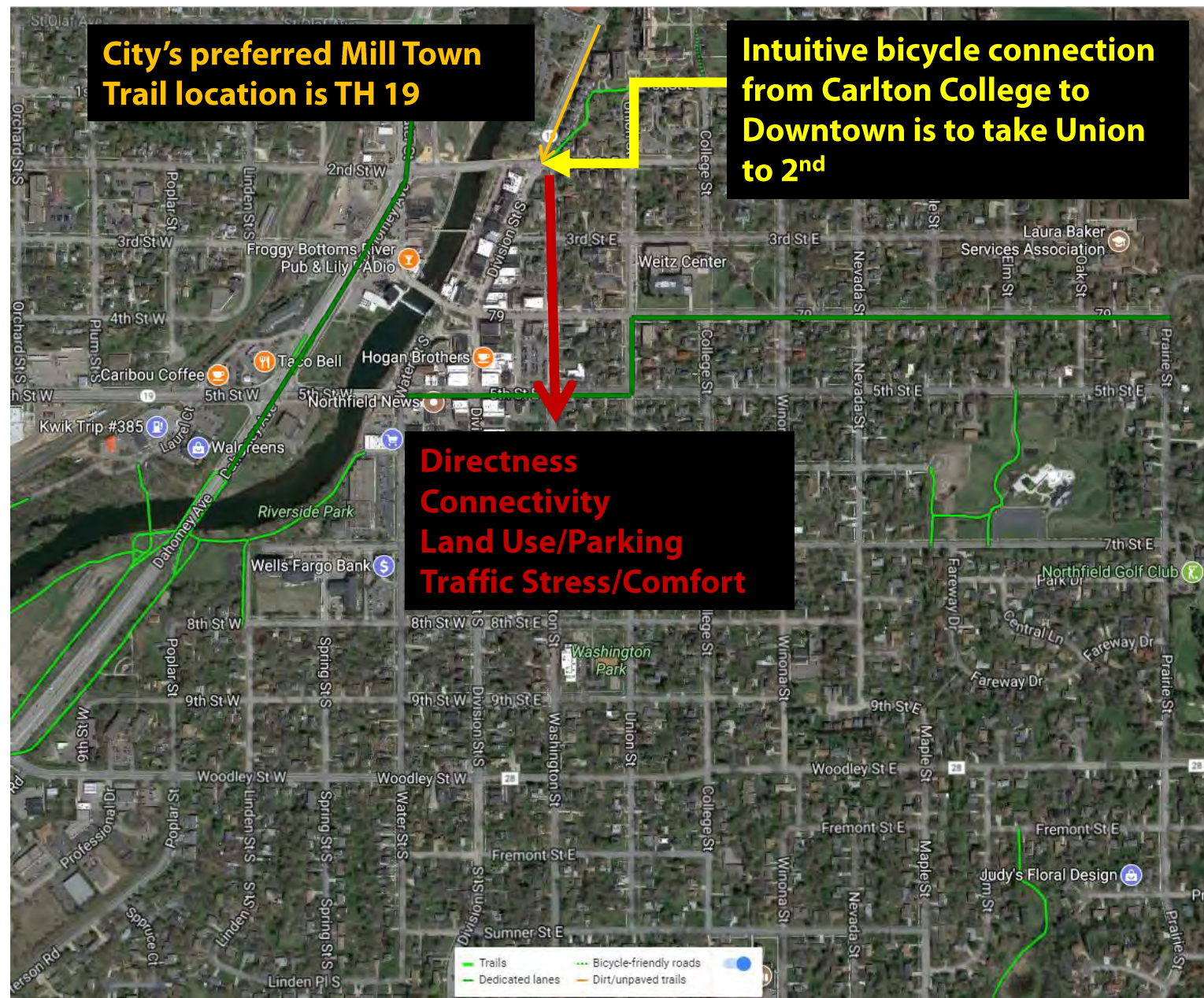




# Downtown Bicycle Route Network

## North/South Route Options

- A. ~~River Commons~~
- B. ~~Division St~~
- C. ~~Washington St~~
- D. ~~Union St~~





# Traffic calming and biking go hand in hand





# Signage – Bikes may use full lane





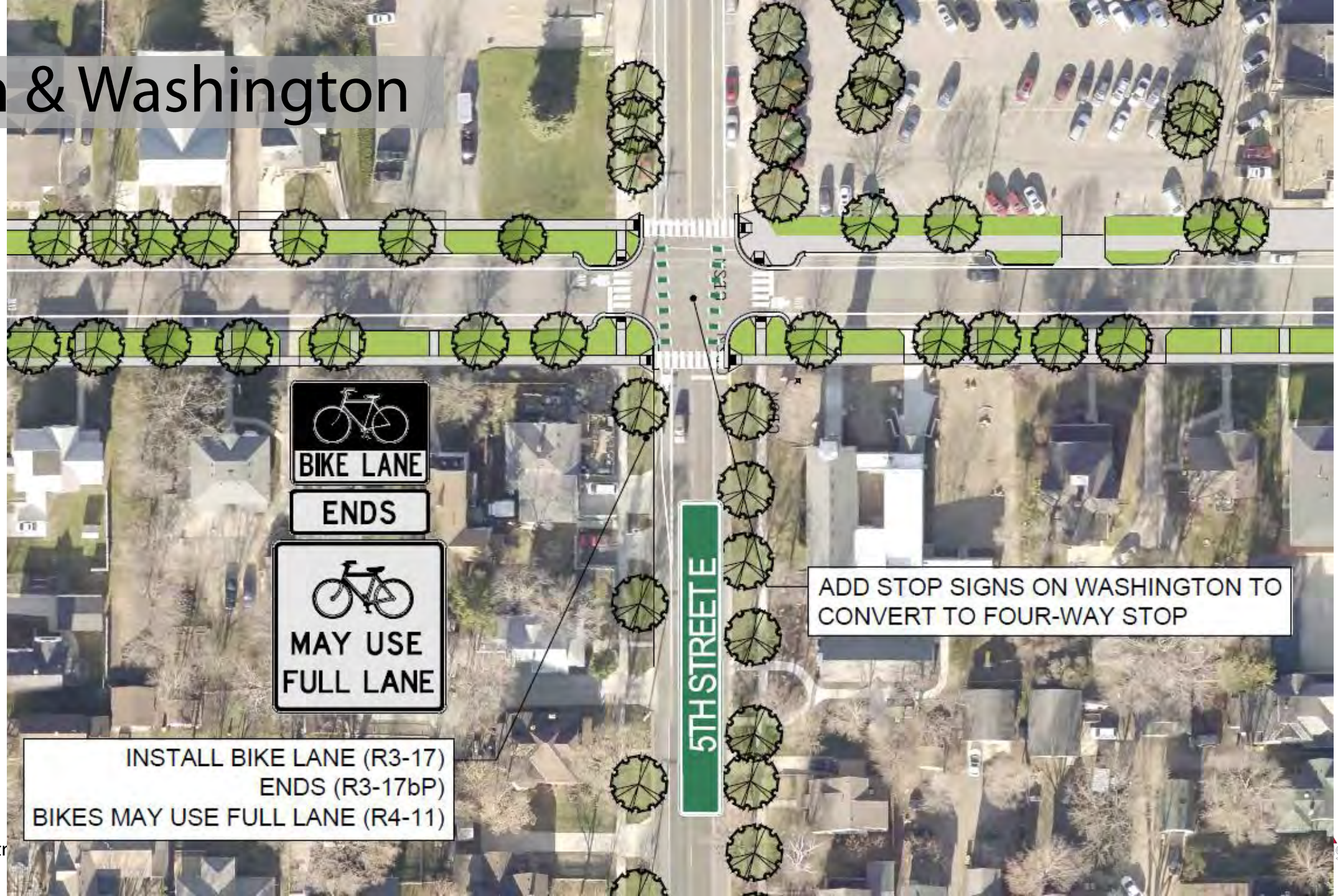
# Bike markings – bike boulevard

Combination of markings, signage, and traffic calming make for a good bike boulevard





# Fifth & Washington





# Fifth & Washington

