

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

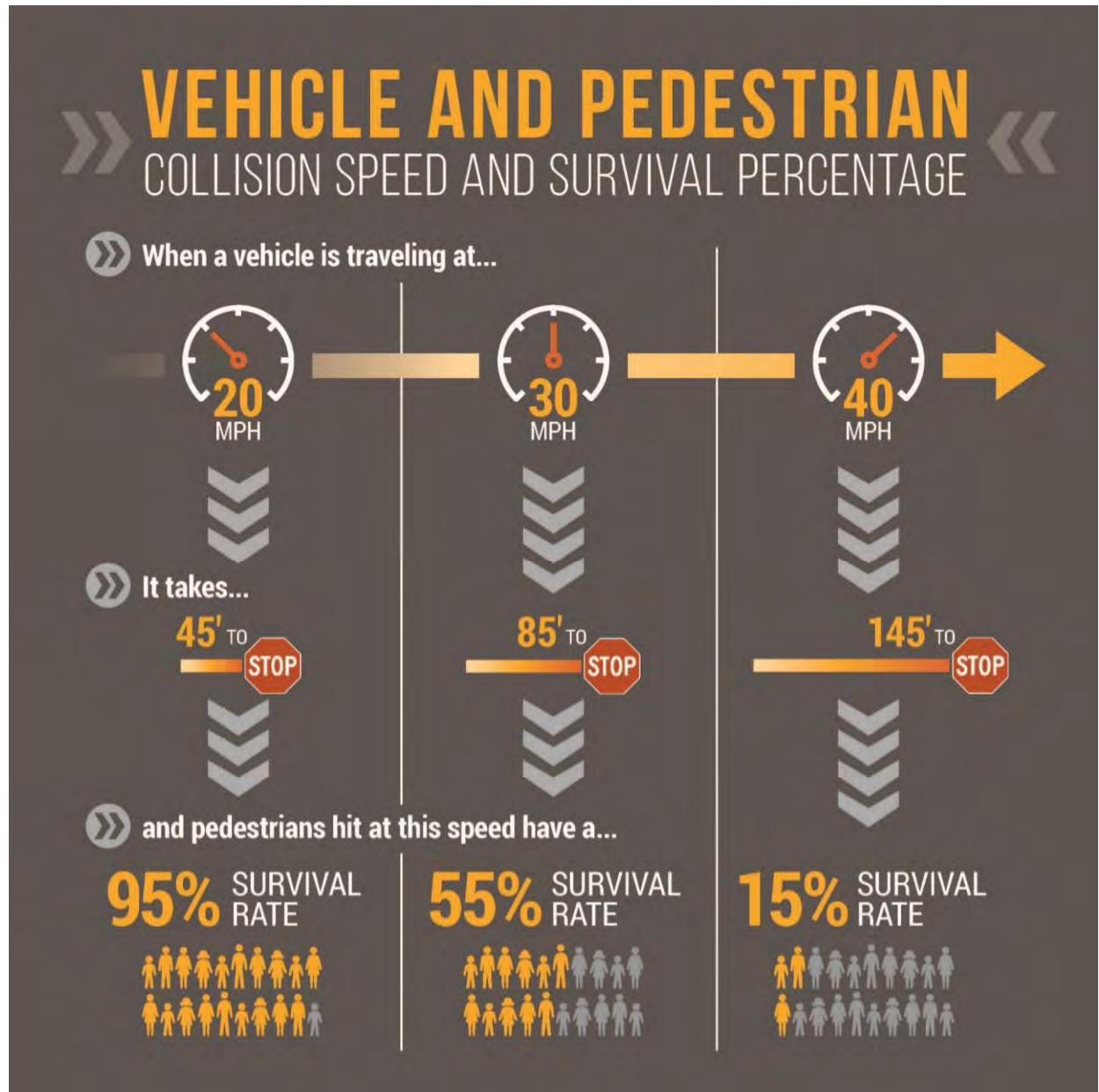
What are complete streets?

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



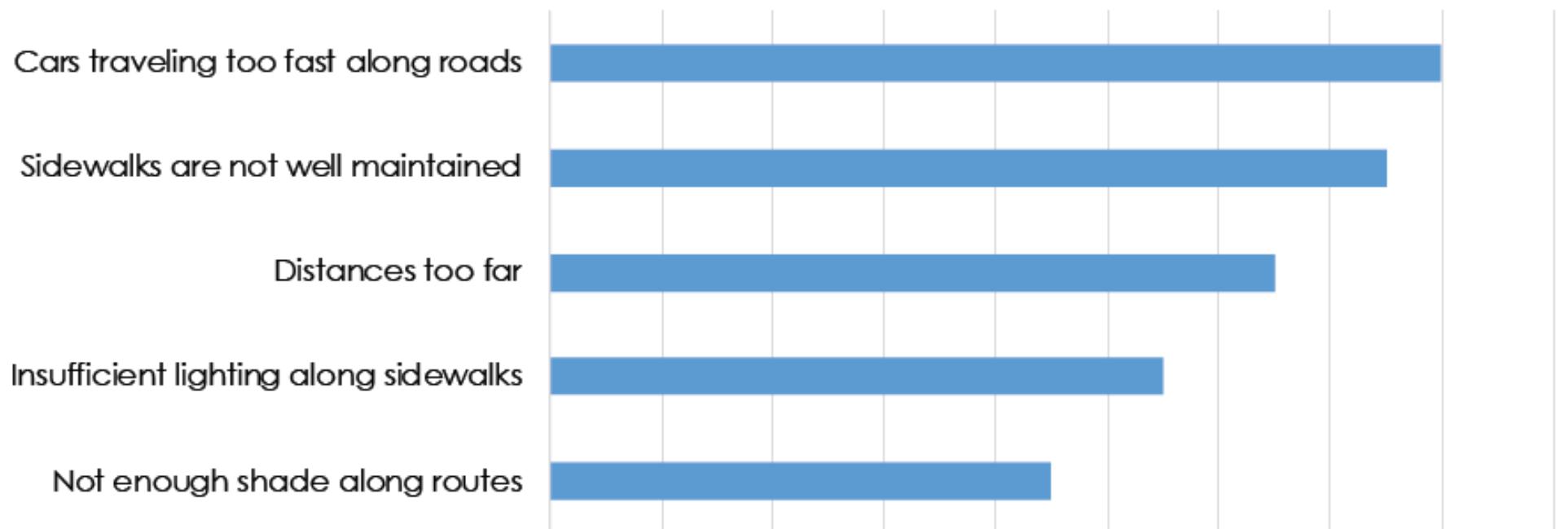
Why do we want them?

- Reducing traffic speeds saves lives



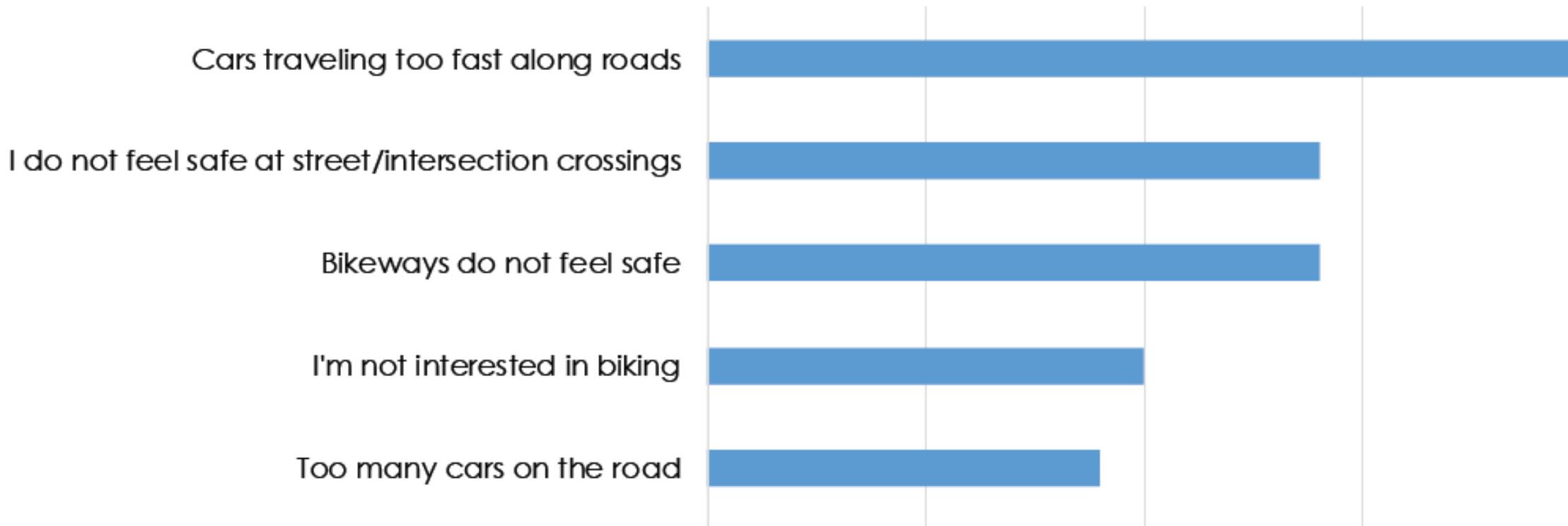
What we heard

Top Barriers to Walking



What we heard

Top Barriers to Biking



Division Street and Seventh Street Reconstruction

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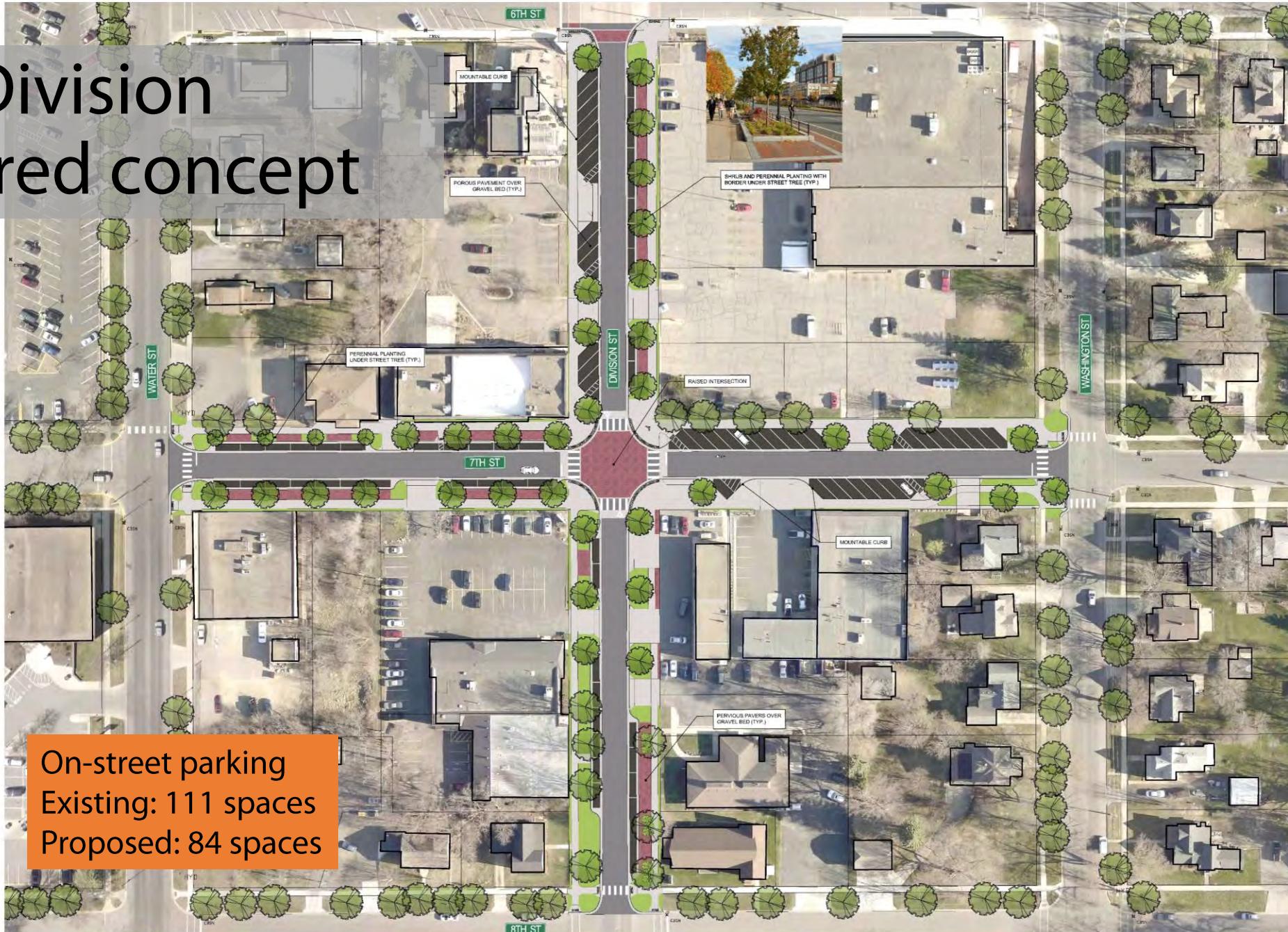


7th / Division - three options considered

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

7th / Division preferred concept

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2018

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REVISIONS

#	DATE	DESCRIPTION
1		
2		
3		
4		

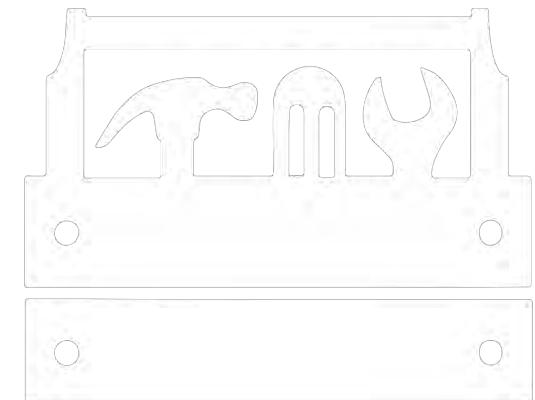
DR BY: xx RELEASE DATE: 2/21/2017
AP BY: xx REVISION DATE: 2/21/2017

0 20' 40'
SCALE: 1" = 20'-0" (UNLESS OTHERWISE NOTED)

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



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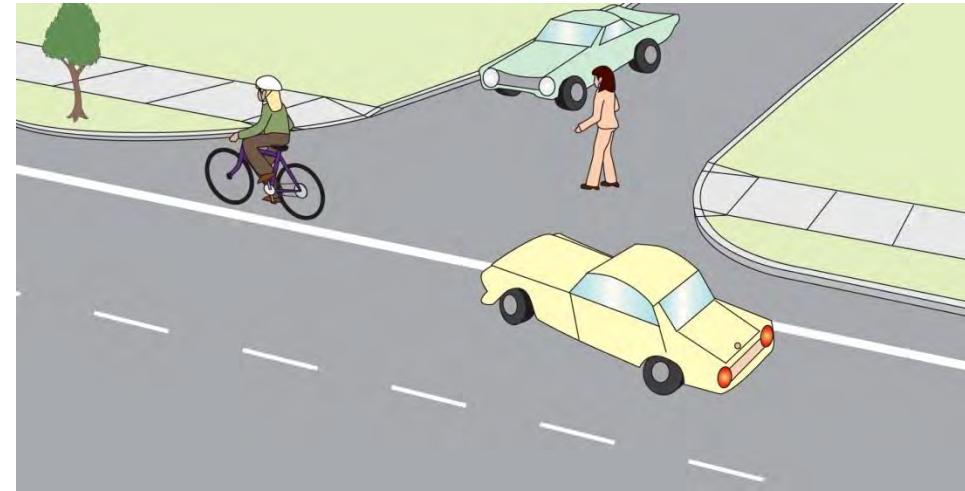


7th / Division driveway design

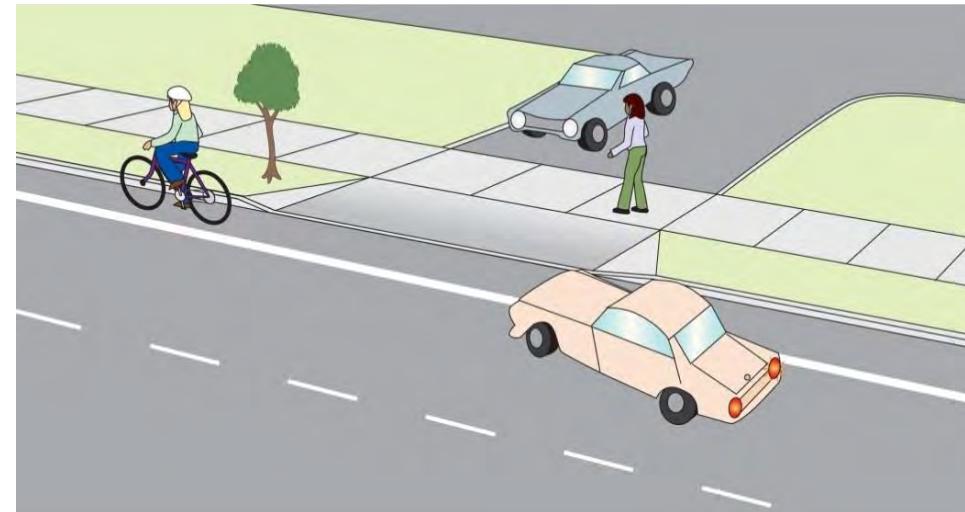


Driveway design

Driveways built like intersections encourage high-speed turns

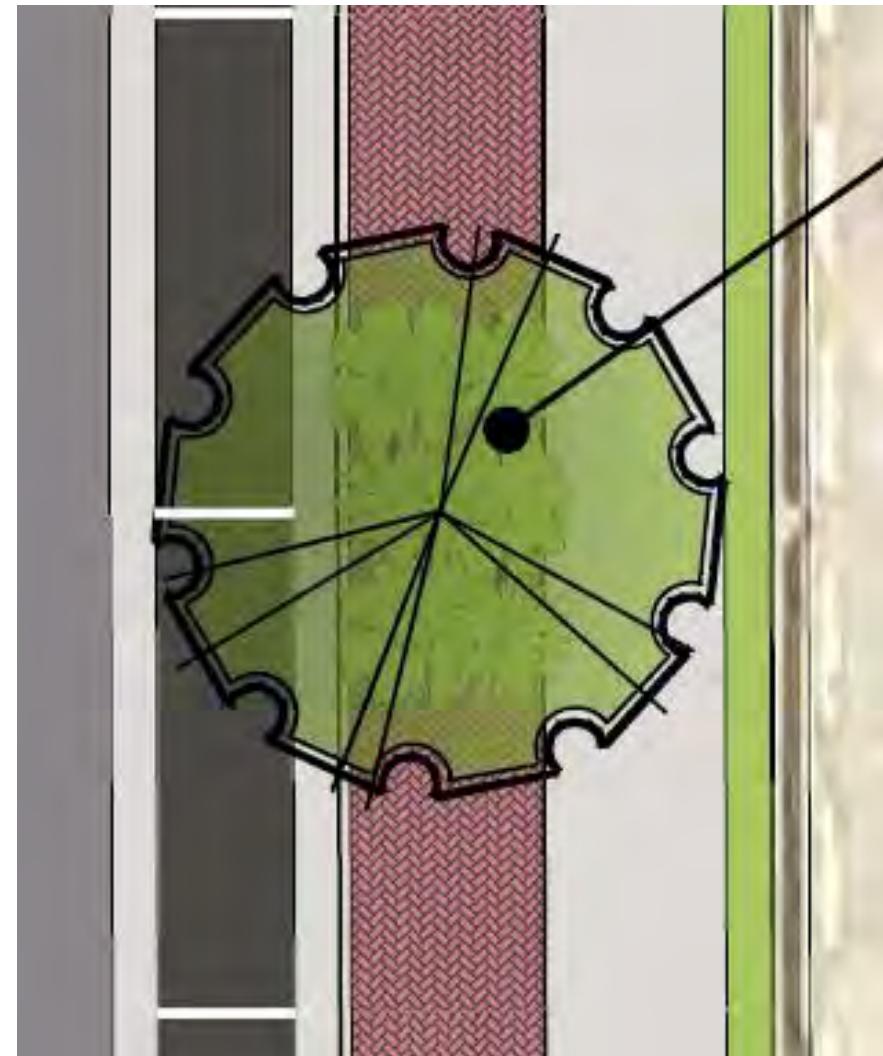


Continuous, level sidewalks and tight corners encourage slow-speed turns

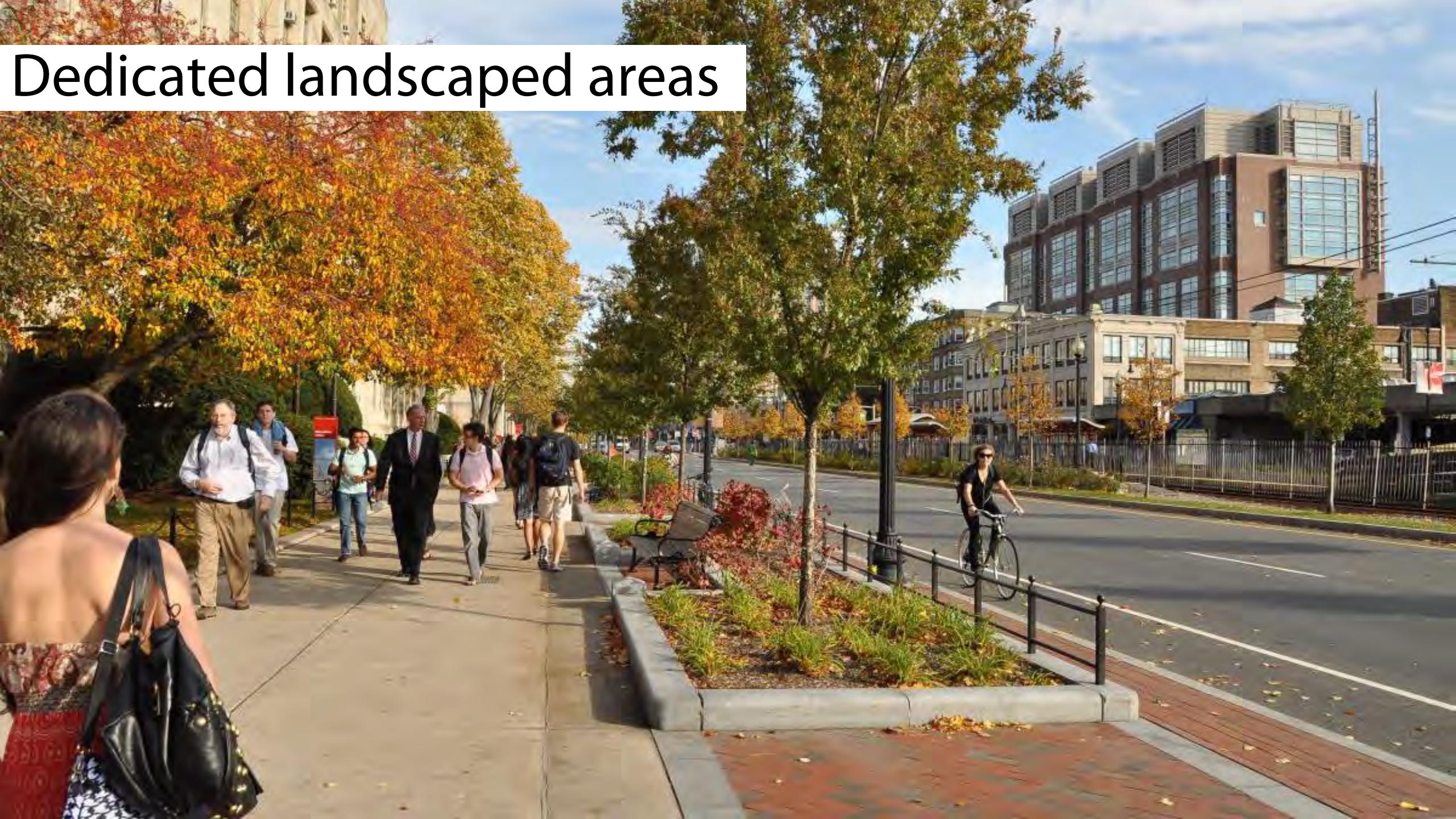


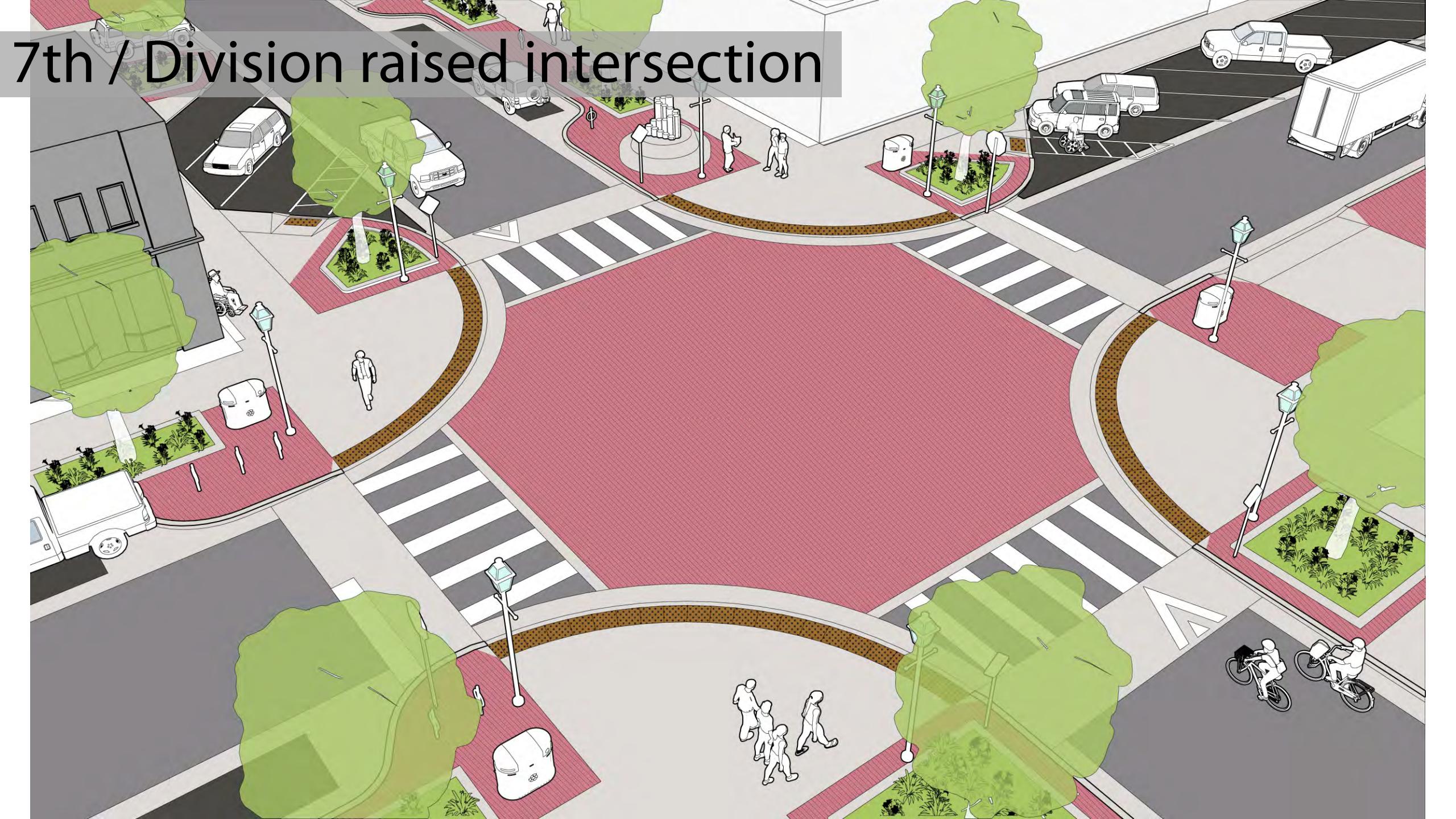
7th / Division dedicated landscaped area

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



Dedicated landscaped areas





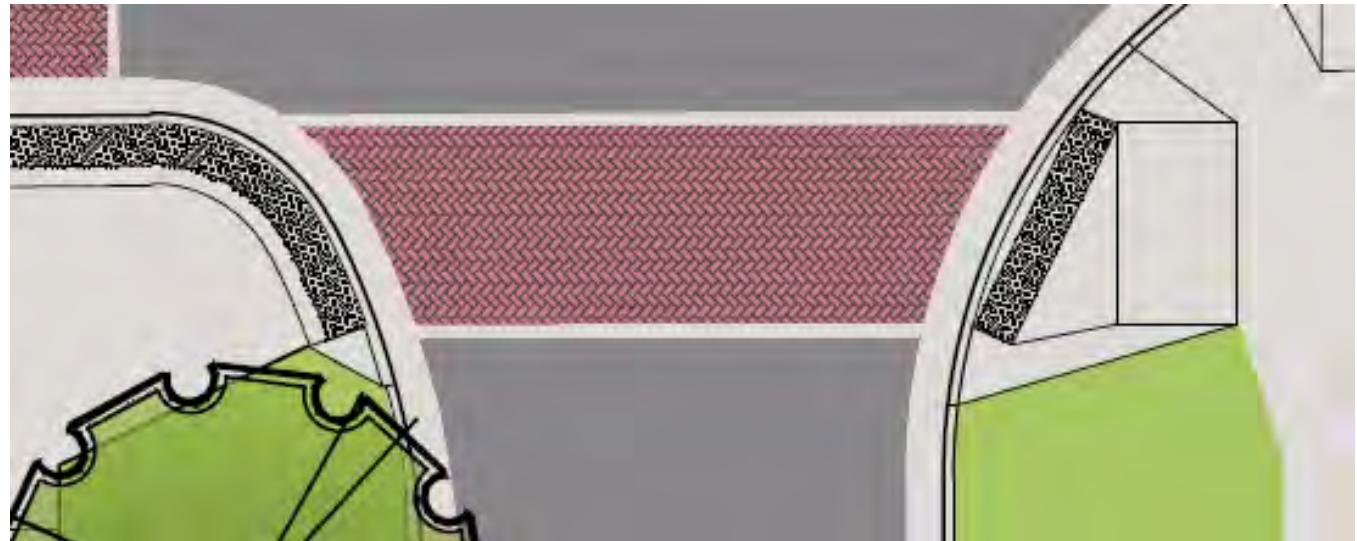
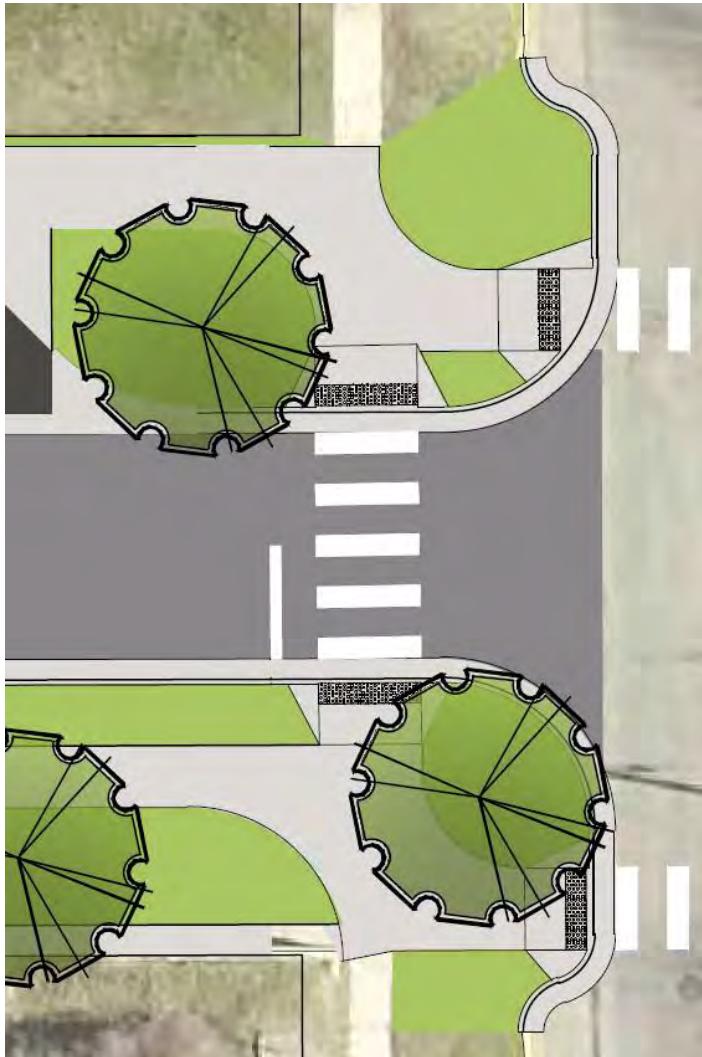
7th / Division raised intersection

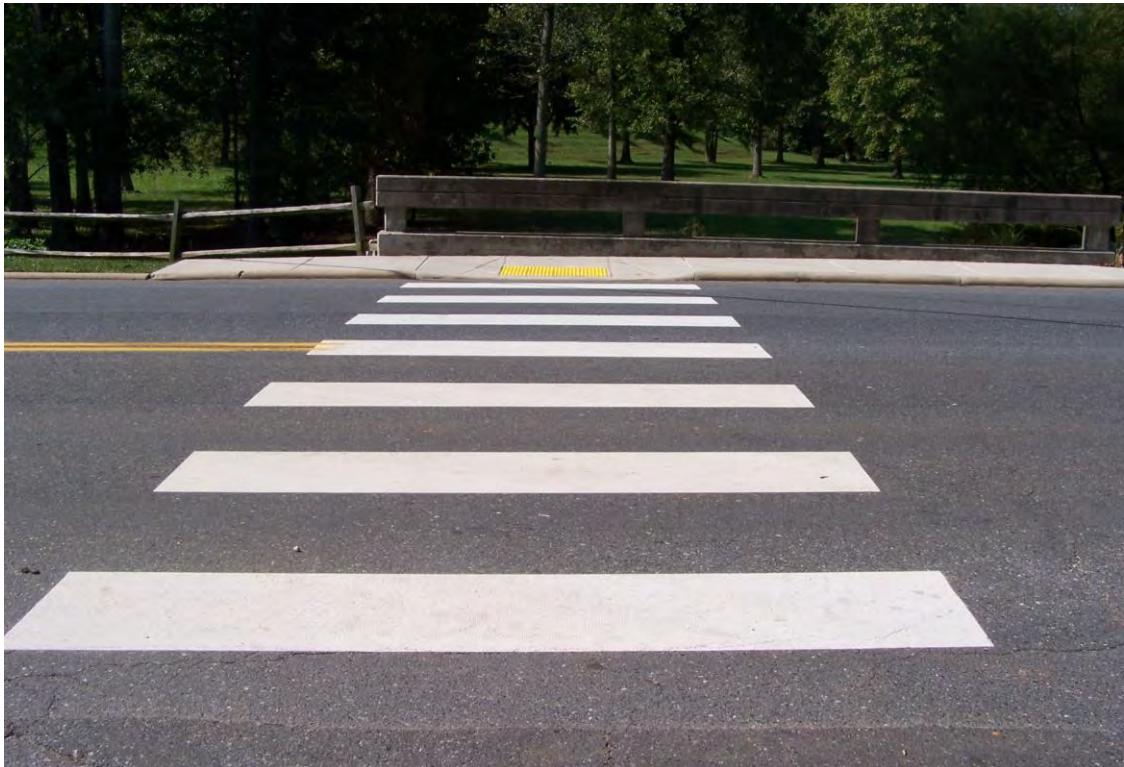
Raised intersection

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



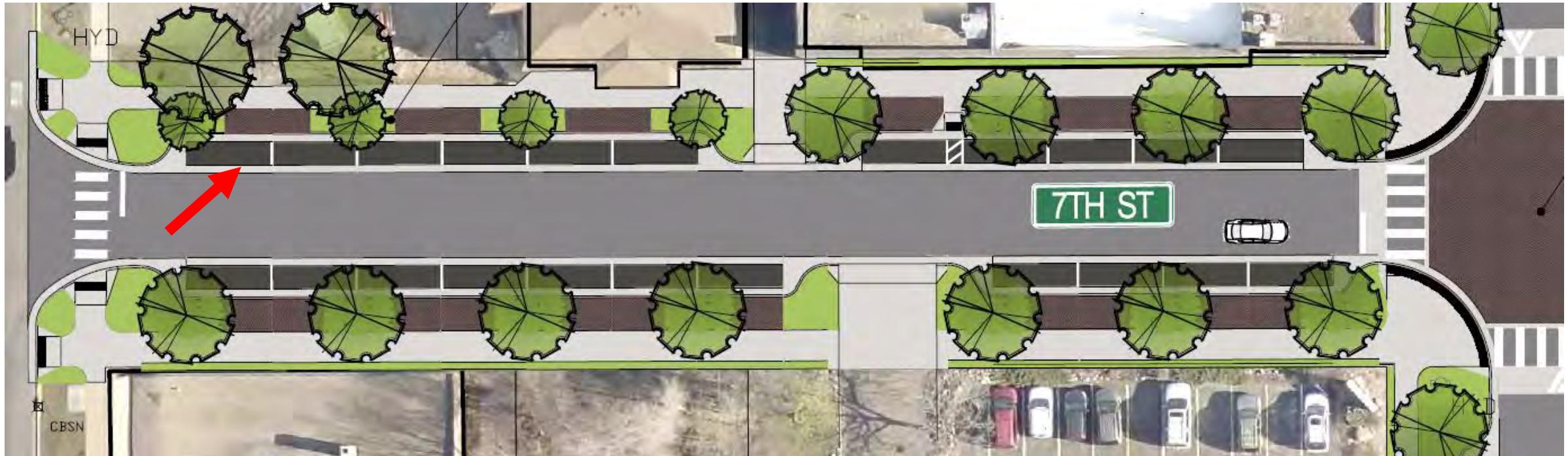
7th / Division high visibility crosswalks





High visibility crosswalks

7th / Division valley gutters

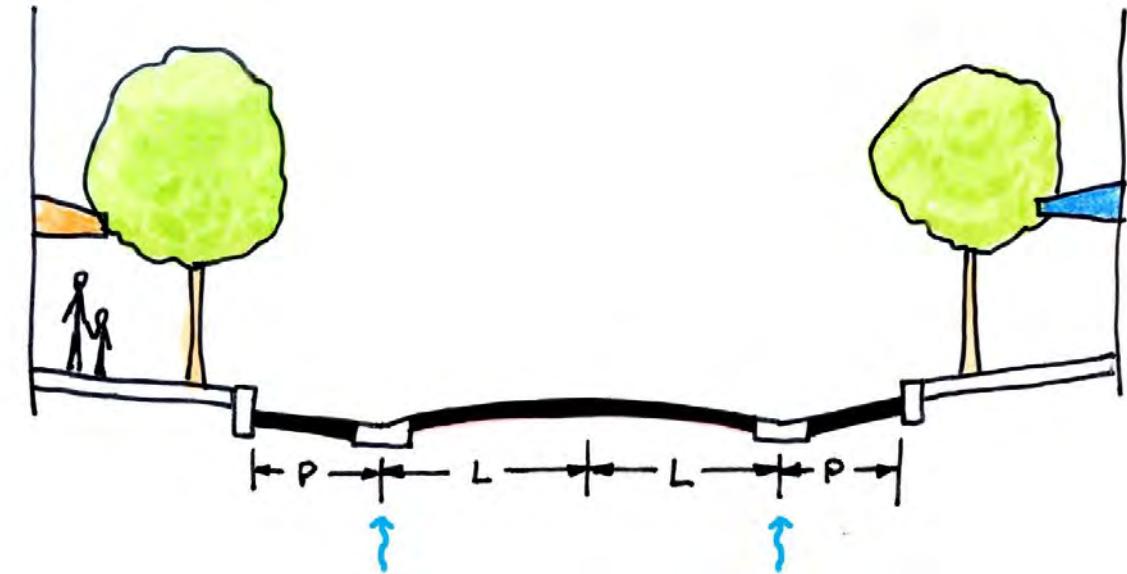
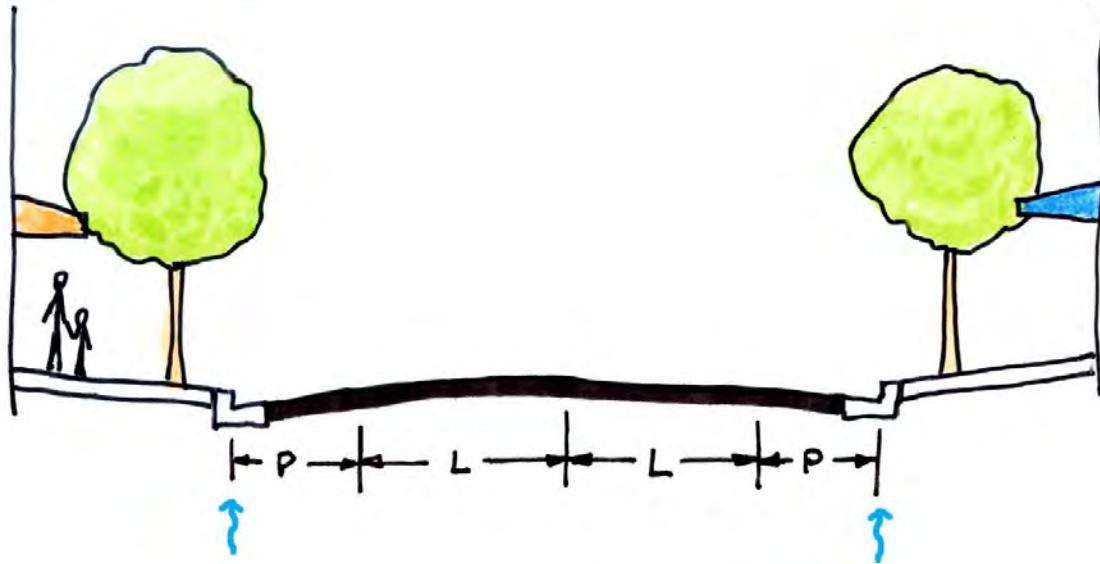


Valley gutters

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



Traditional gutters vs valley gutters



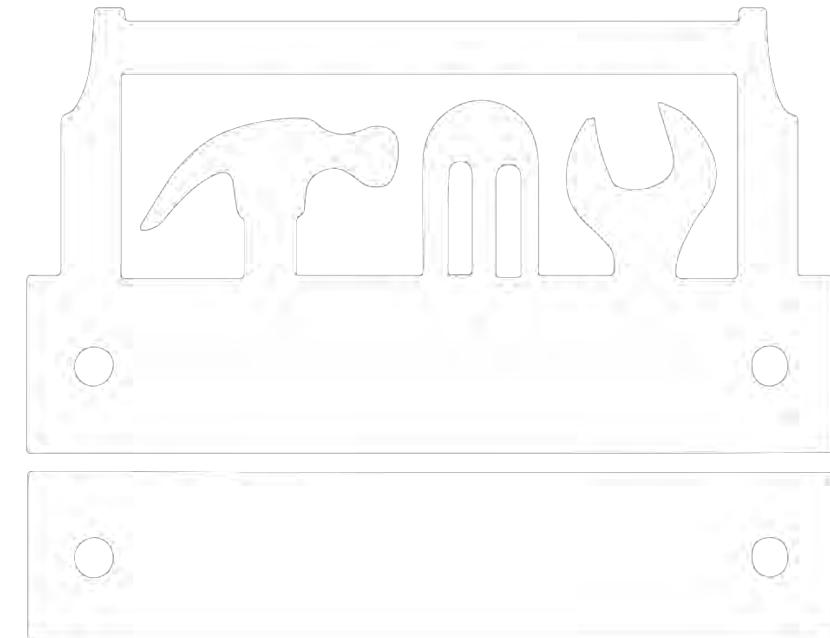
Washington Street Mill and Overlay

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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

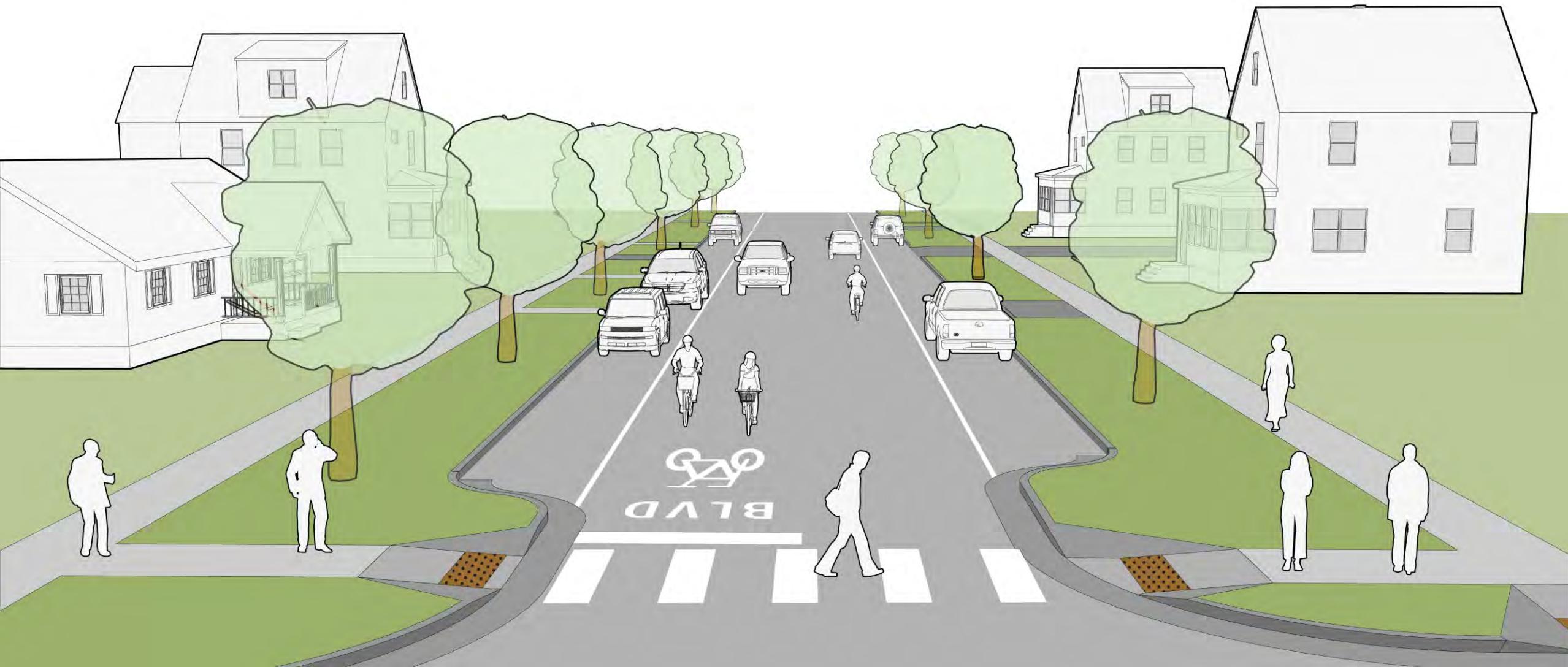
WASHINGTON STREET		
	Unique Features	Common Features
Concept 1	<ul style="list-style-type: none">▪ Median crossing island at Washington & 5th▪ Median crossing island at Washington & Woodley▪ Some curb extensions	<ul style="list-style-type: none">▪ High visibility crosswalk markings▪ Expanded bus stop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

Washington – preferred concept (Concept 2)



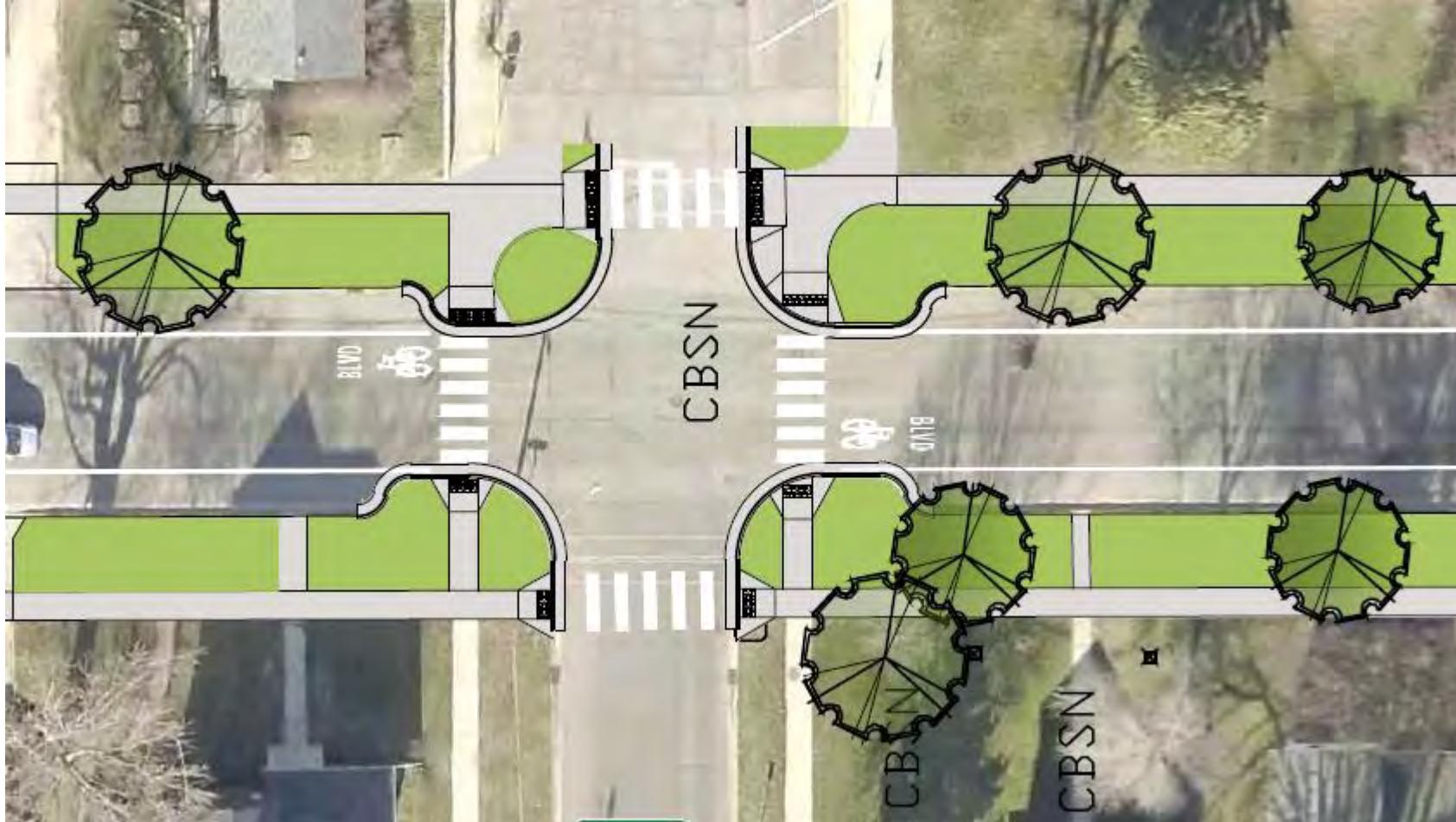
On-street parking estimate
Existing: 245 spaces
Proposed: 219 spaces (89%)

Washington Street – Option 2



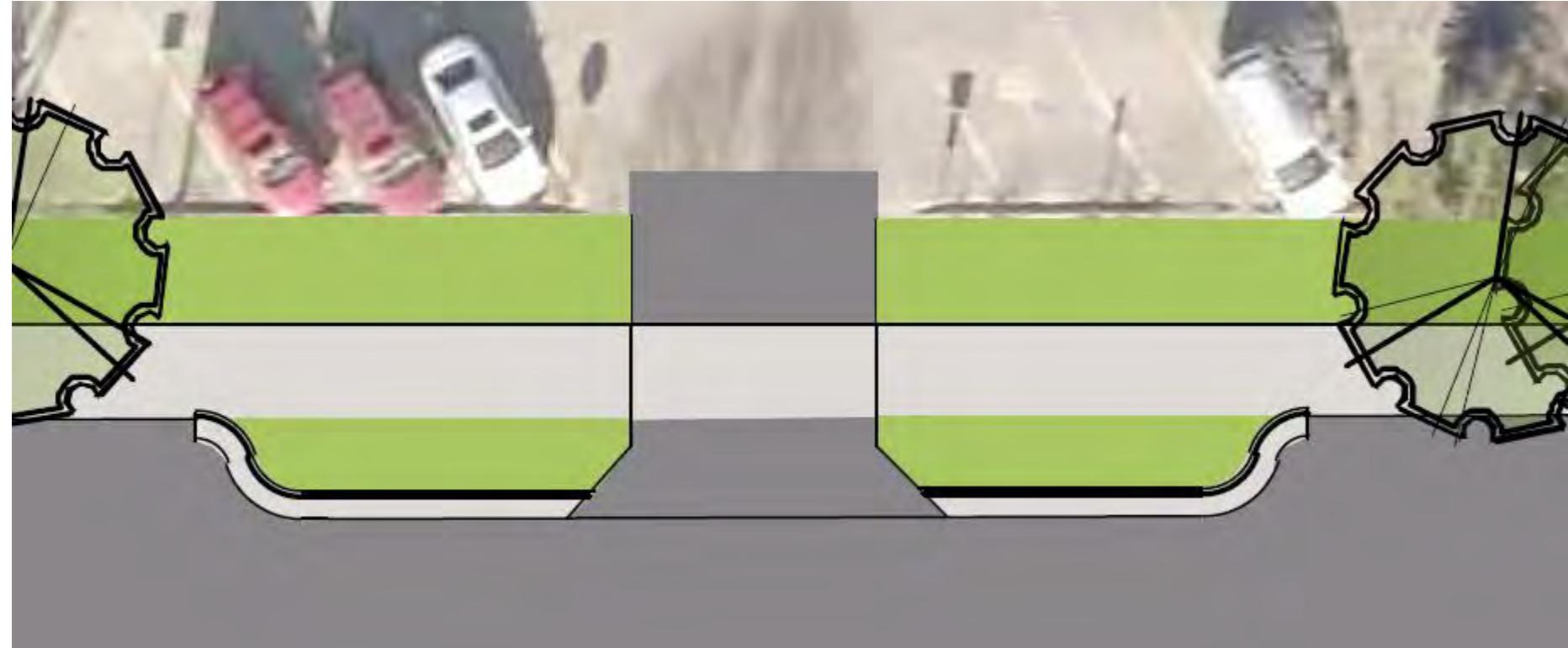
Parking design

- Pavement markings narrow roadway & define parking area



Driveway design

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

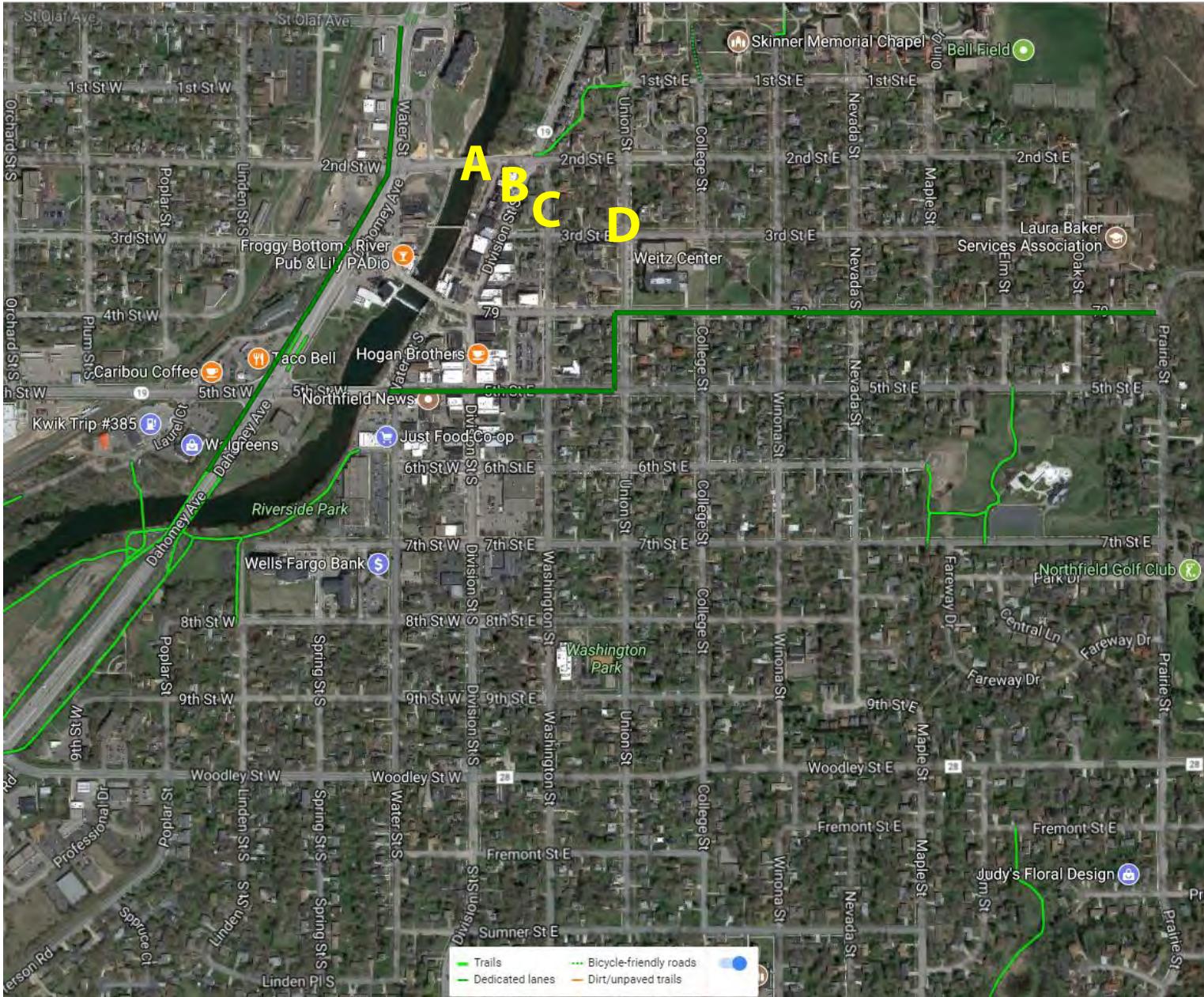


What about bikes on Washington?

Downtown Bicycle Network Evaluation

North/South Route Options

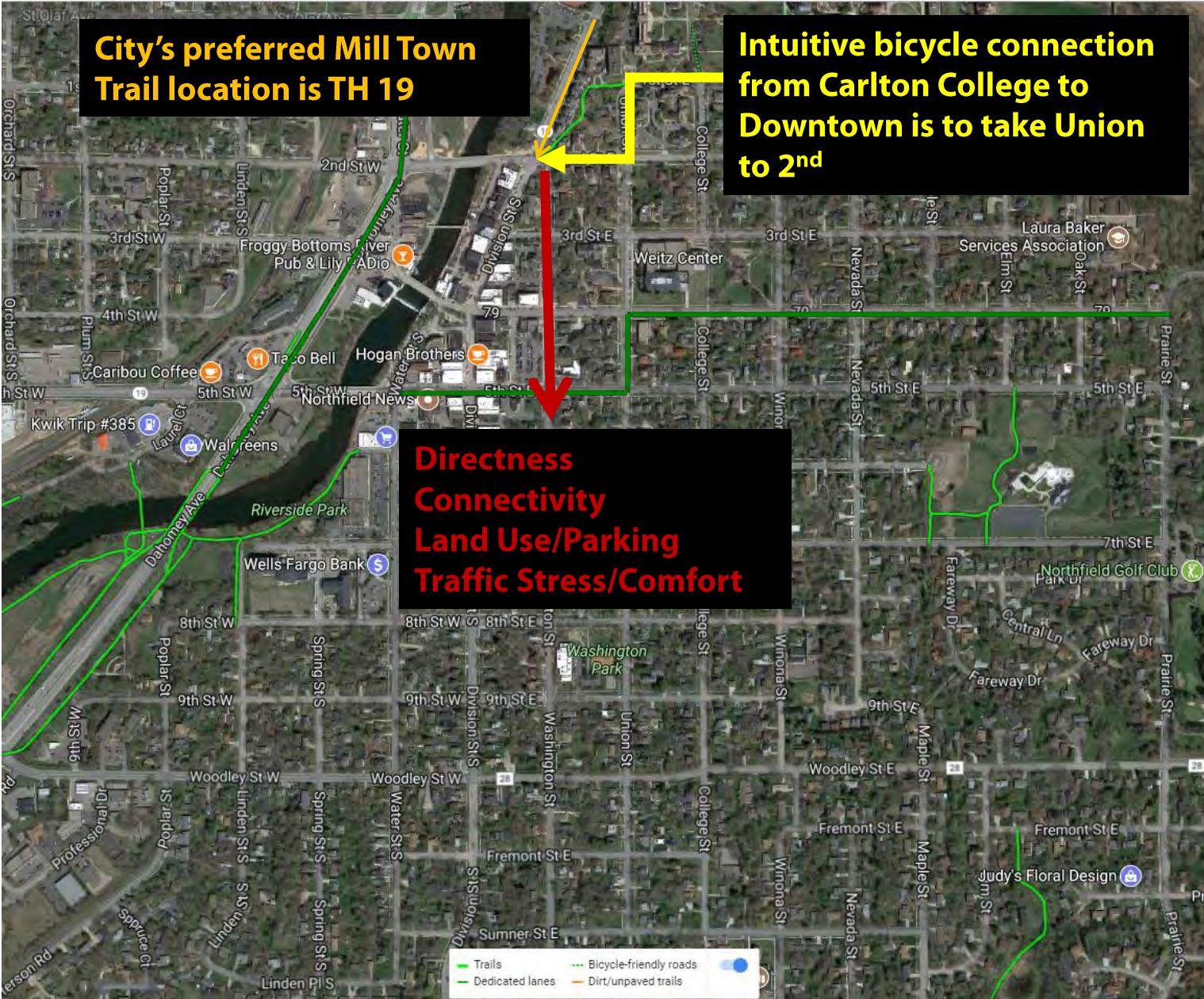
- A. River Commons
- B. Division St
- C. Washington St
- D. Union St



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

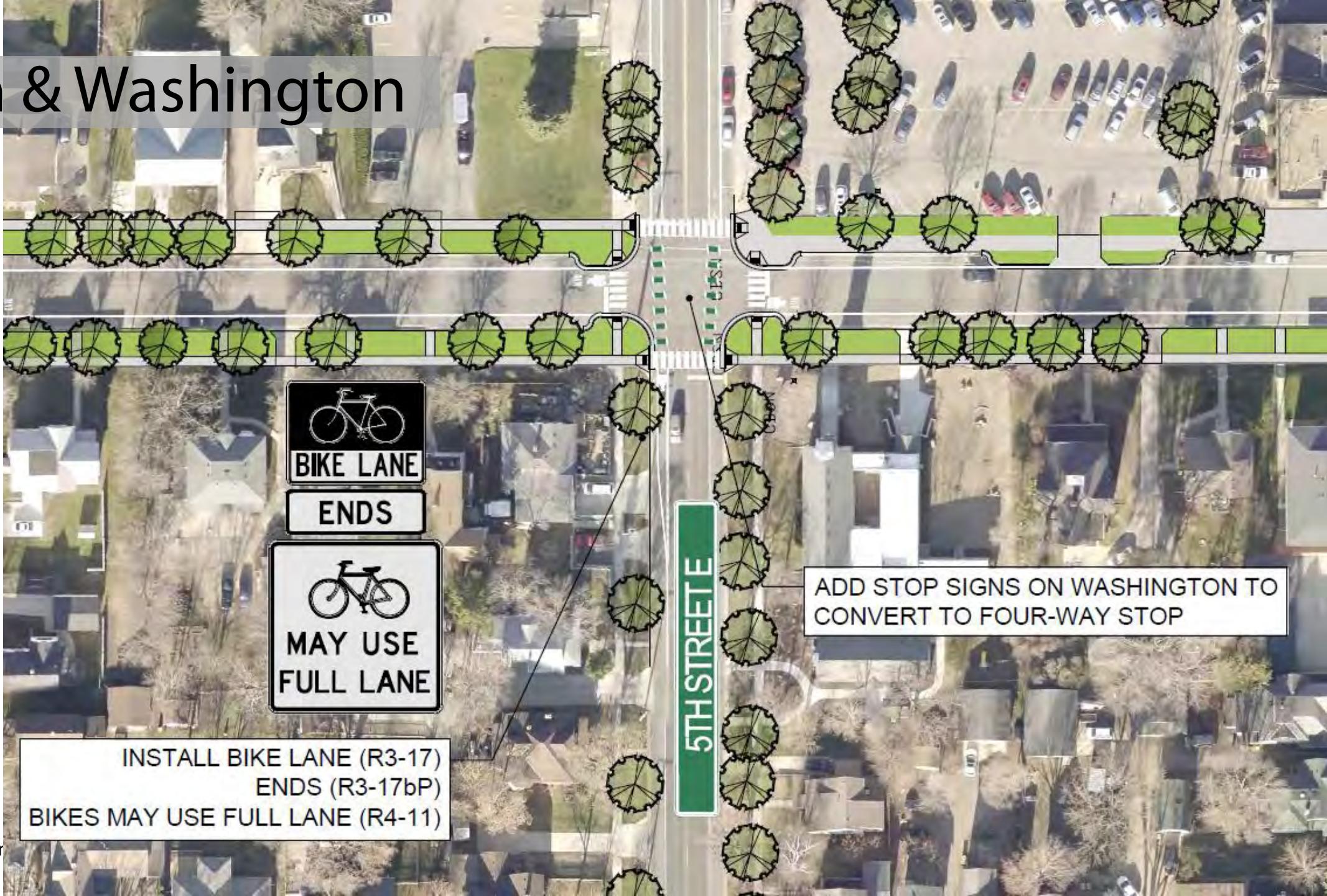


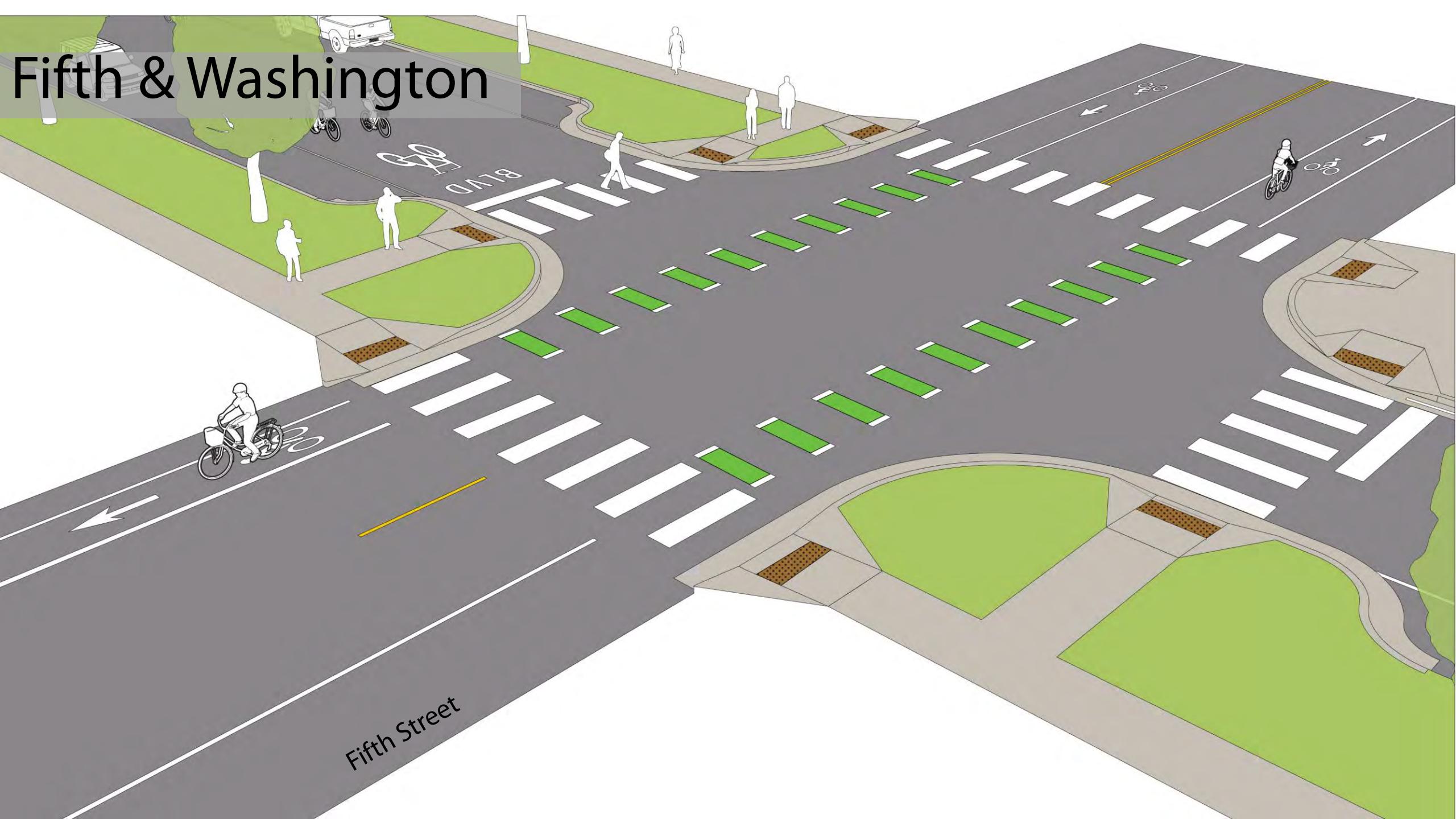
Bike markings – bike boulevard

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



Fifth & Washington





Fifth & Washington