

Washington Avenue Improvements

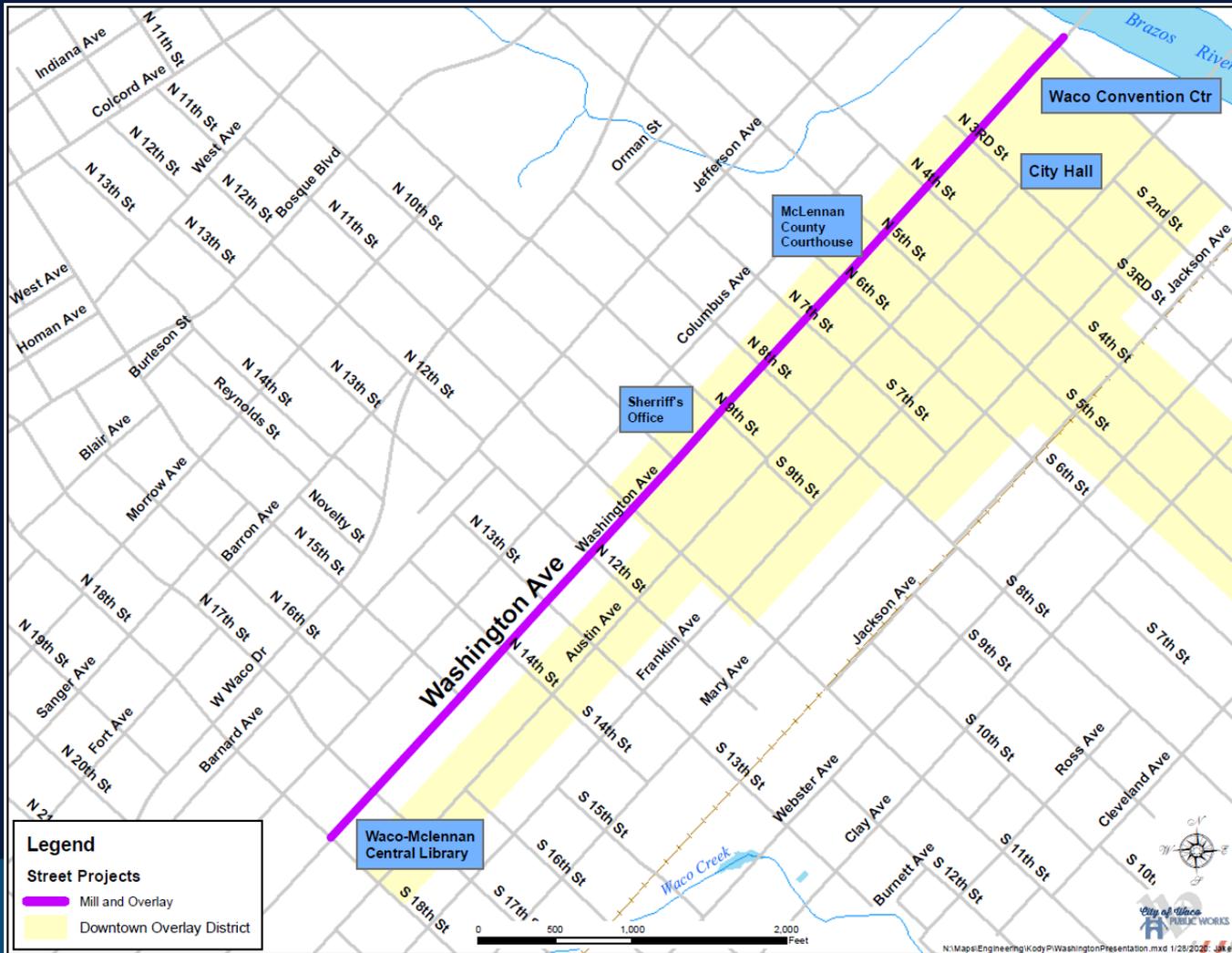
From 18th St to University Parks Dr

Project Update

City of Waco Public Works Department
and Walker Partners, LLC

February 4, 2020





March 21, 2014

Downtown Transportation Study (CDM Smith) acknowledged by Council

September 6, 2016

Ordinance Adopting Waco Comprehensive Plan 2040

March 21, 2017

Active Transportation Plan Presentation to Council

October 1, 2018

18/19 Funding Set-aside for Washington Pavement Improvements

December 18, 2018

Two Way Conversion Presentation to Council - Resulted in four public outreach focus meetings

March 5, 2019

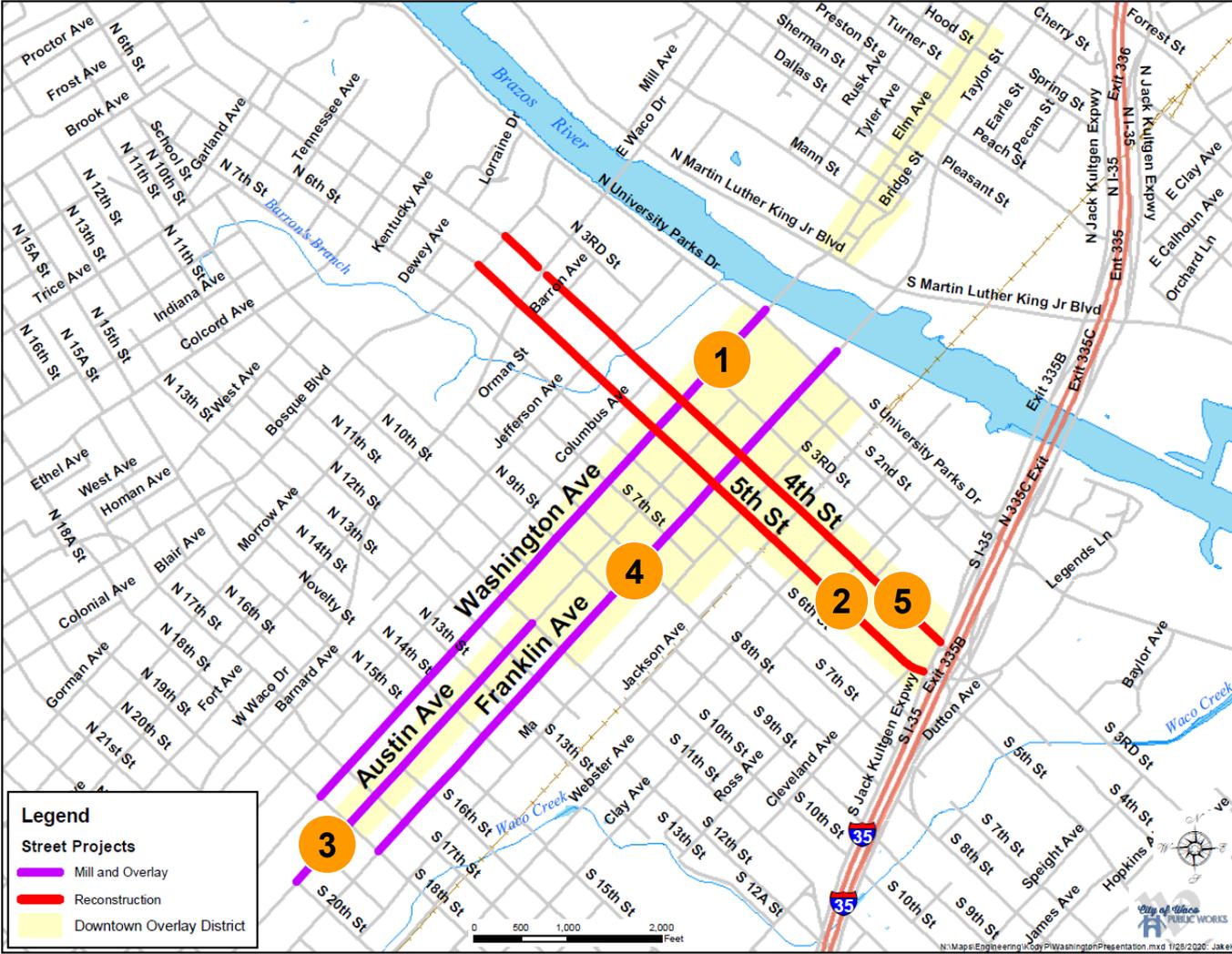
Ordinance Change – Deleting Washington from One Way Designation

May 21, 2019

Washington Avenue Tax Increment Financing (TIF) Approved by Council

September 17, 2019

Washington Avenue Discussion with Council (Traffic Engineering)



Legend

Street Projects

- Mill and Overlay
- Reconstruction
- Downtown Overlay District

1

Washington Avenue
 Construction Start Summer 2020
 Estimated Costs \$4,545,000

2

5th Street
 Construction Start Summer 2020
 Estimated Costs \$9,050,000

3

Austin Avenue
 Construction Start Spring 2021
 Estimated Costs \$3,450,000

4

Franklin Avenue
 Construction Start Spring 2022
 Estimated Costs \$4,500,000

5

4th Street
 Construction Start Summer 2022
 Estimated Costs \$12,950,000

Bikeway Planning

Existing and Proposed Bikeways

- Washington Ave Protected Bike Lane
- Bike Lane
- Official Bike Route
- Shared Use Path
- Future Bike Lane
- Suggested Bike Route (Cycling Map)
- Park
- Schools
- School

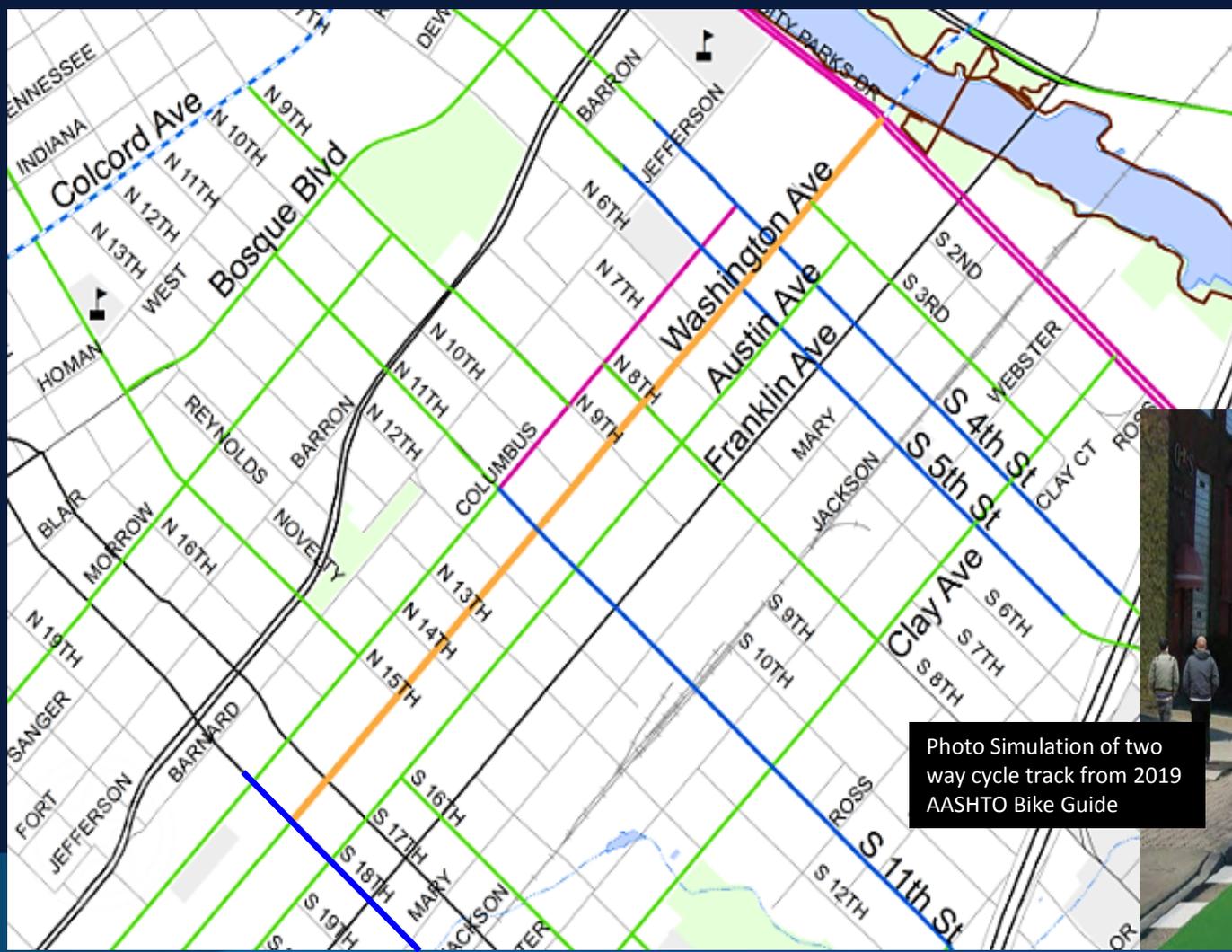
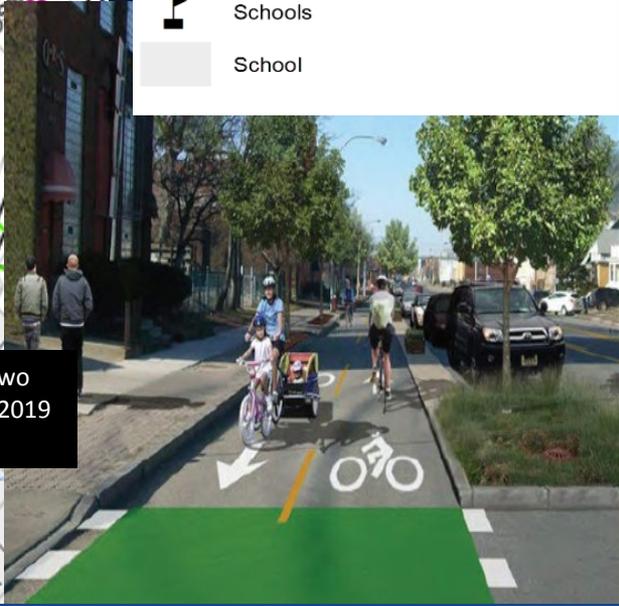


Photo Simulation of two way cycle track from 2019 AASHTO Bike Guide



Presentation Overview

1. Scope of Work
2. Typical Sections
3. Project Layout
4. Sample Ramp Improvements
5. Sample Median Landscape/Hardscape
6. Project Schedule
7. Construction Costs



Scope of Work



What's Included:

- Signal & Signage work for two-way conversion
- Accessibility Improvements at Street Corners
- Mill/Overlay and Re-stripe
- Bike Lanes separated from Vehicle Lanes

18th to 11th: Striped Median

11th to UParks: Hardscape/Landscape Median



What's Not Included:

- Street/Pavement Reconstruction*
- Curb/Sidewalk Reconstruction*
- Drainage & Utility Improvements*
- Landscape and Illumination behind Existing Curbs

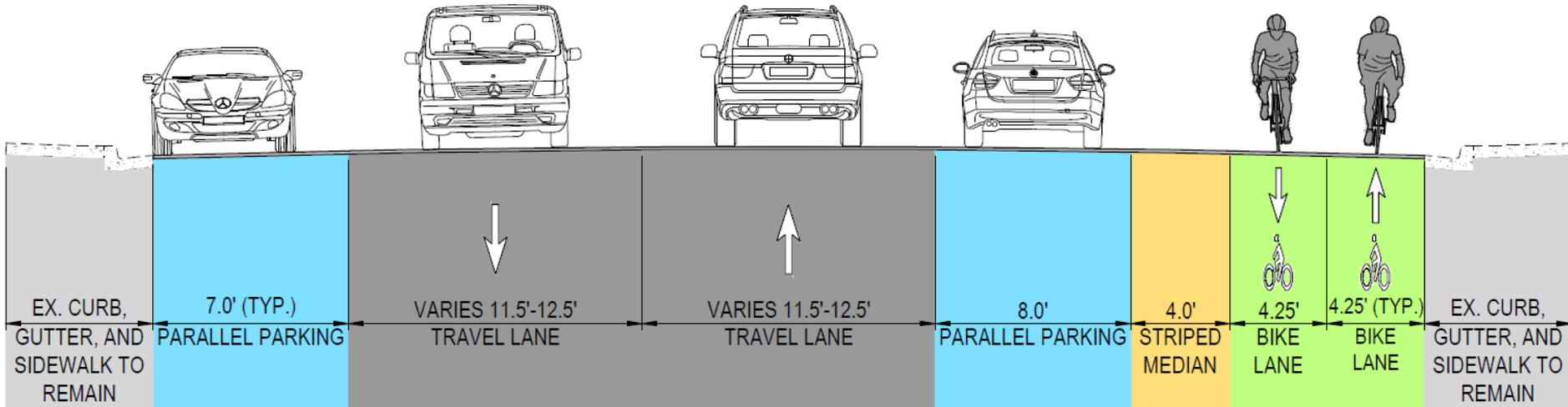
**Select spot repairs/transitions*



Typical Street Sections



Striped Median With Parking

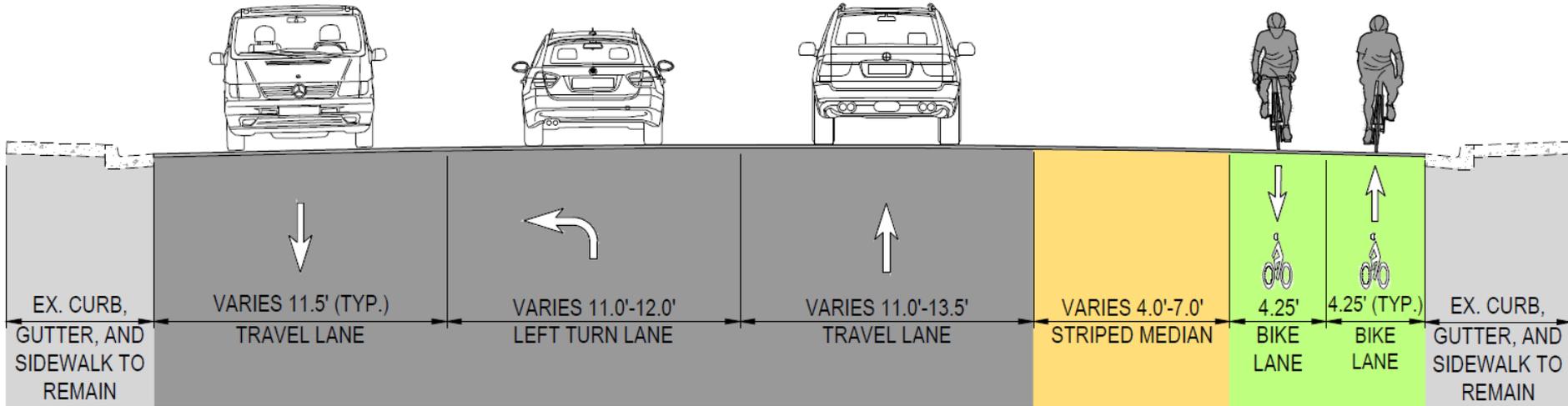


18th to 11th

(except at left turn lanes)



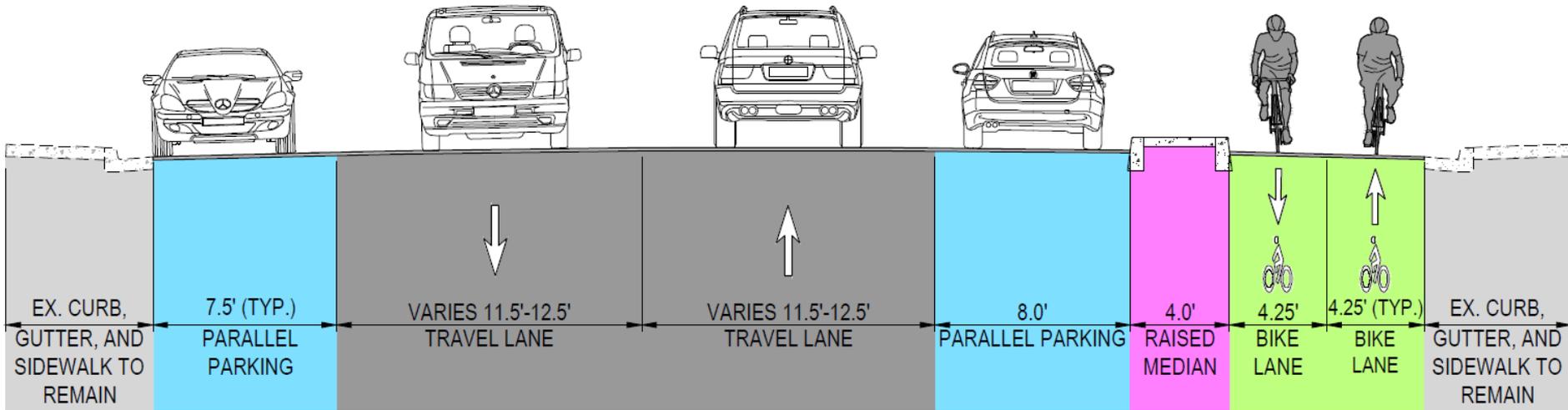
Striped Median With Left Turn Lane



At 18th, 17th, and 11th

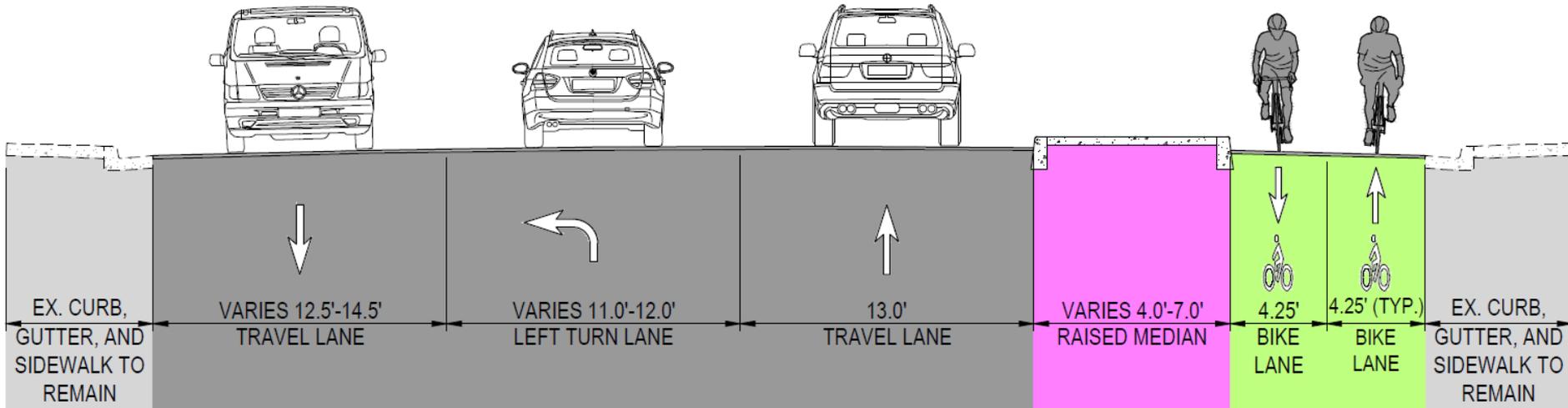


Raised Median With Parking



11th to University Parks
(except at left turn lanes)

Raised Median With Left Turn Lane

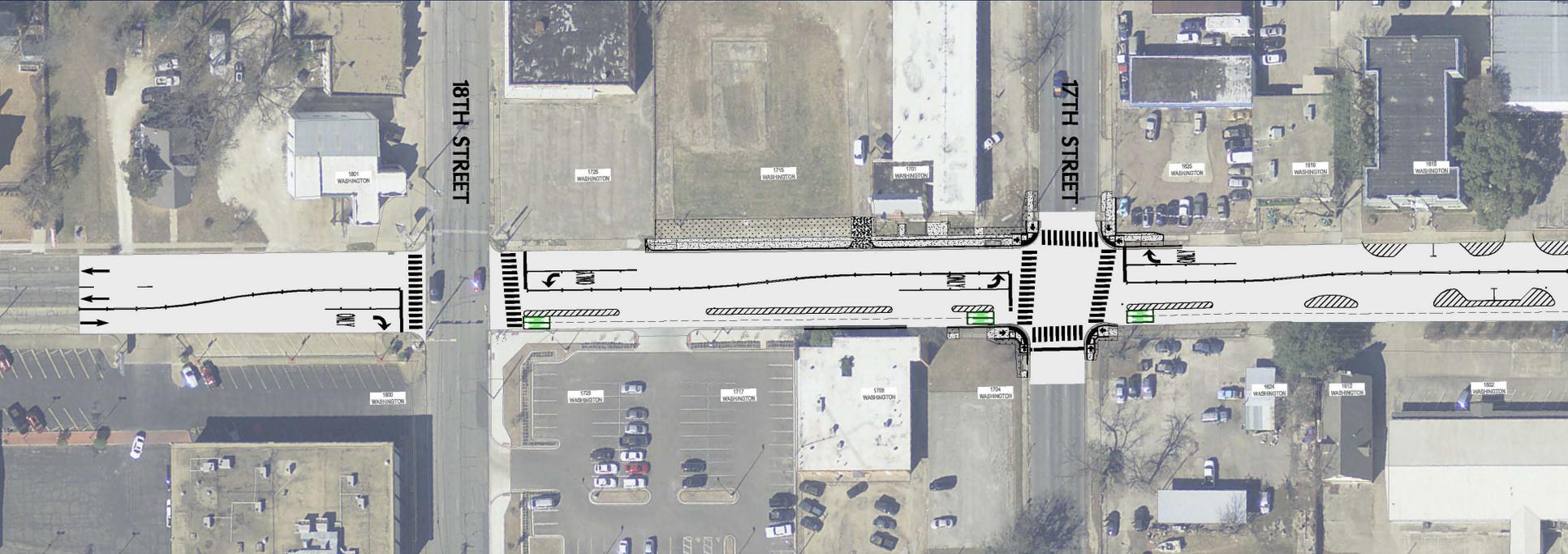


At 11th, 8th, 6th, and 4th

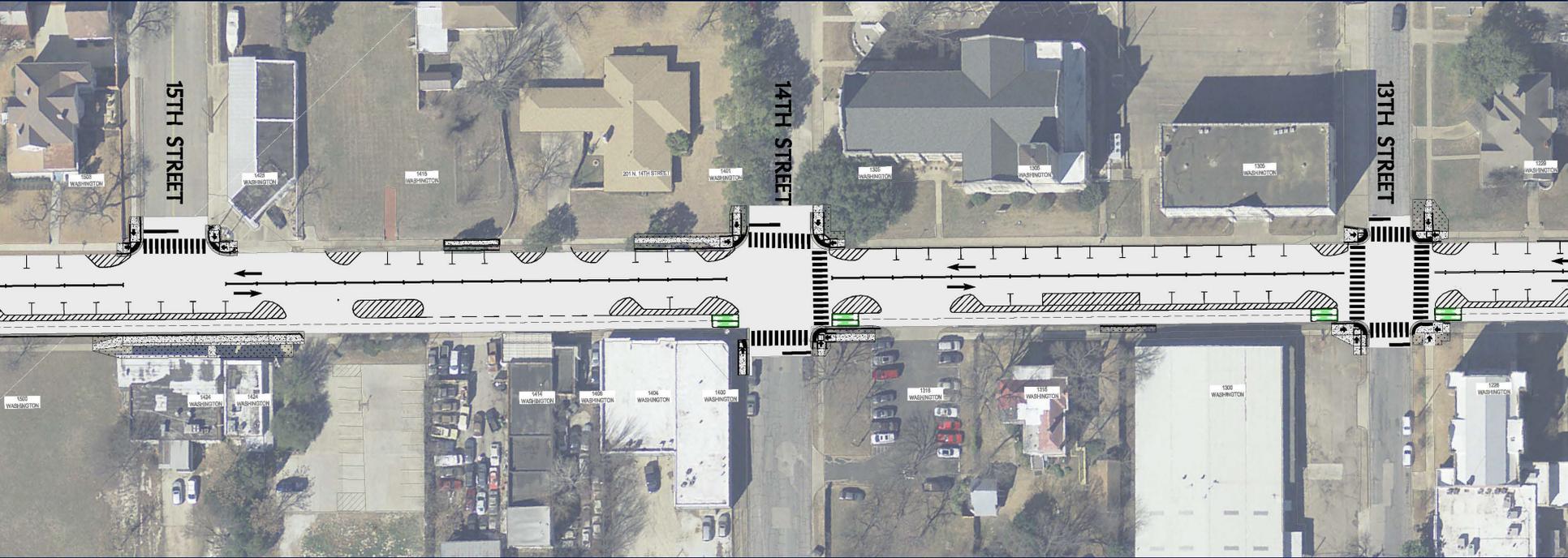
Project Layout



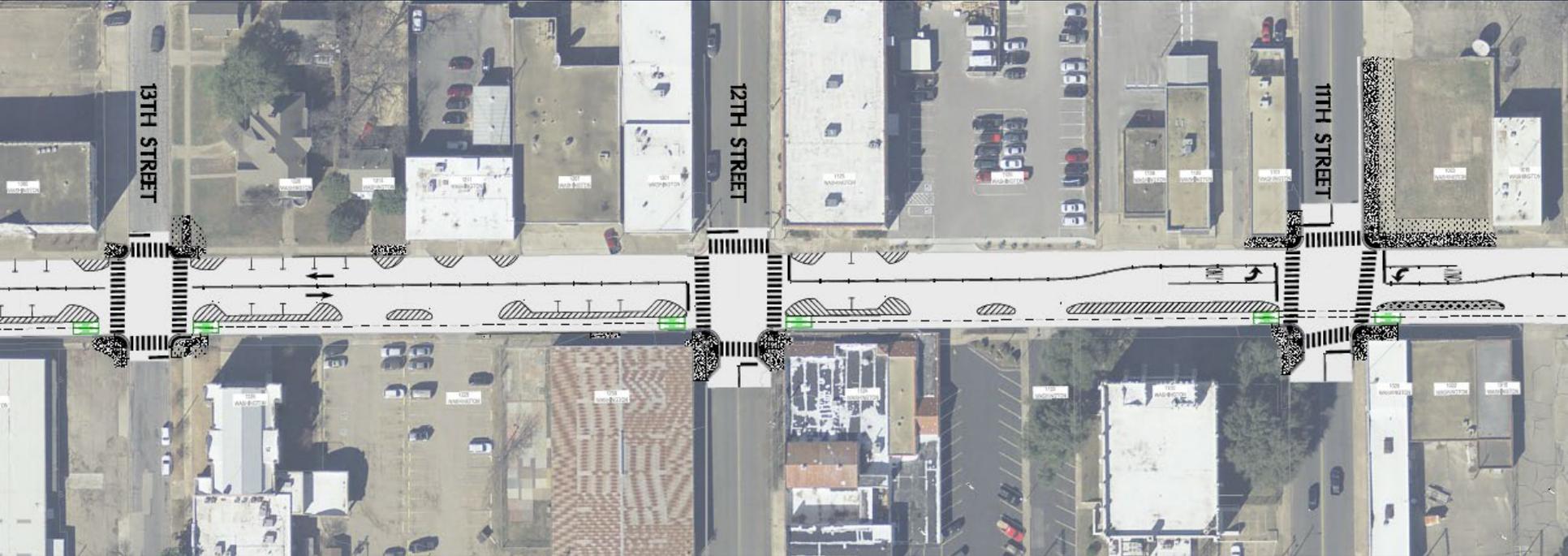
18th Street – 17th Street



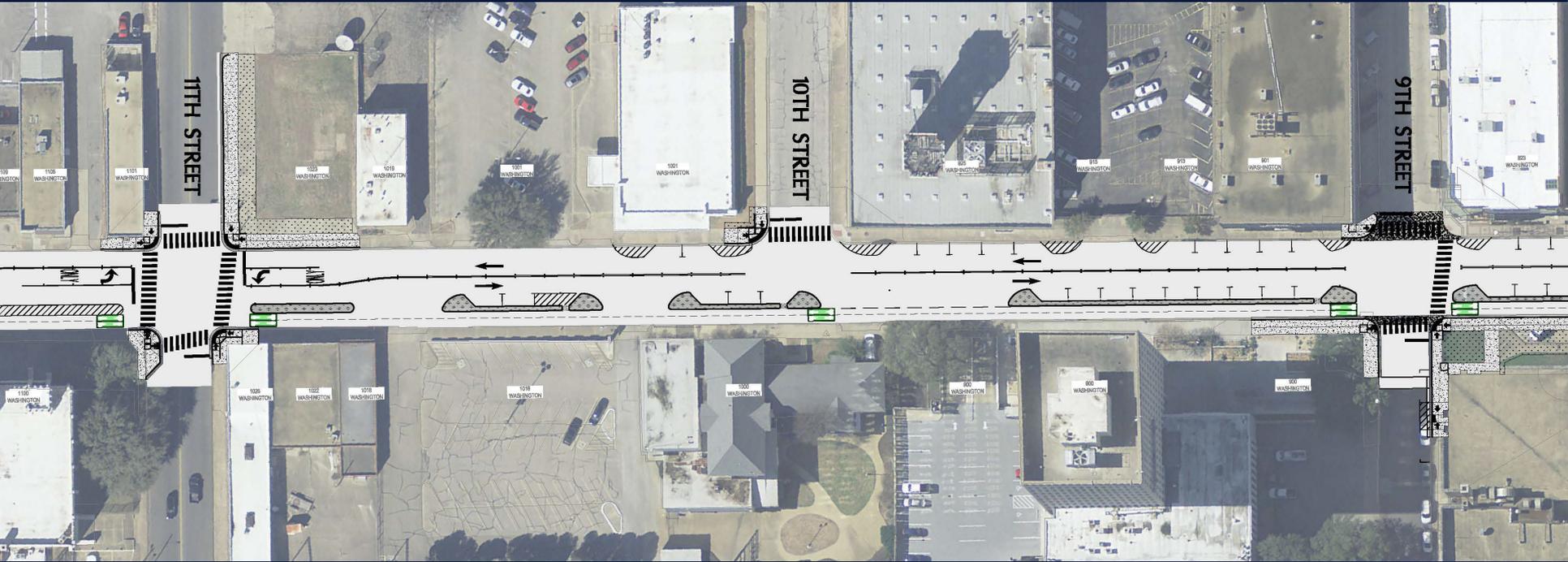
15th Street – 13th Street



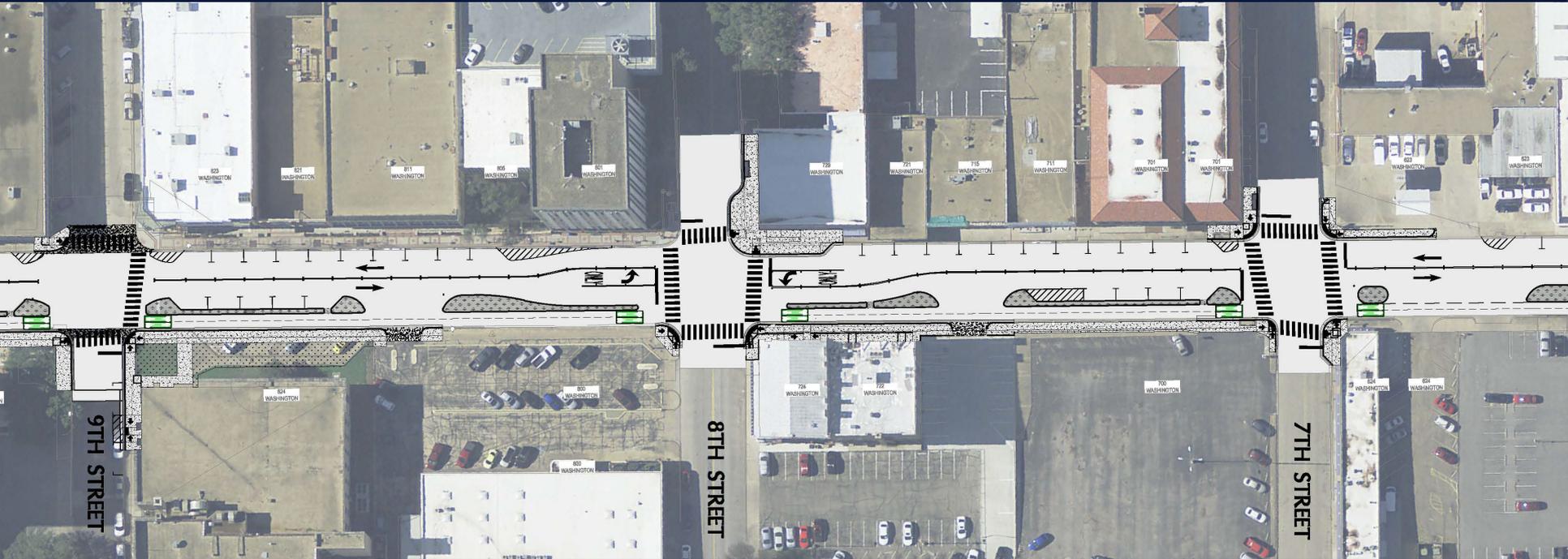
13th Street – 11th Street



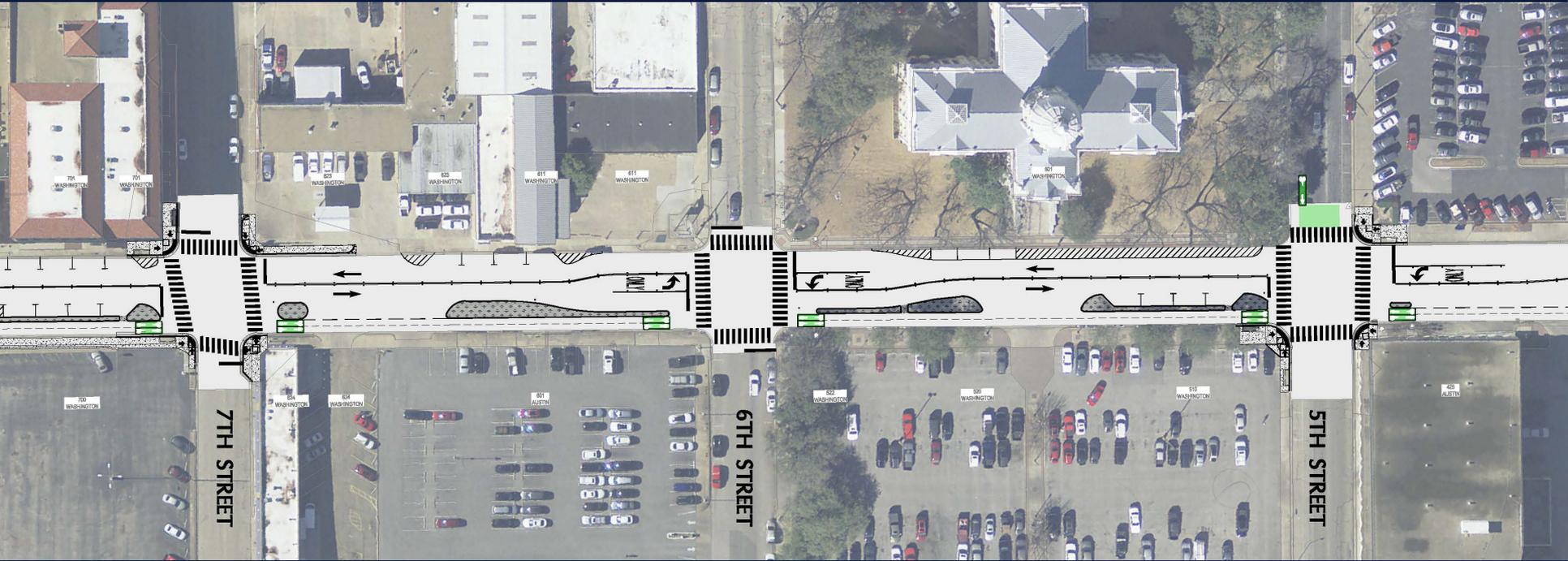
11th Street – 9th Street



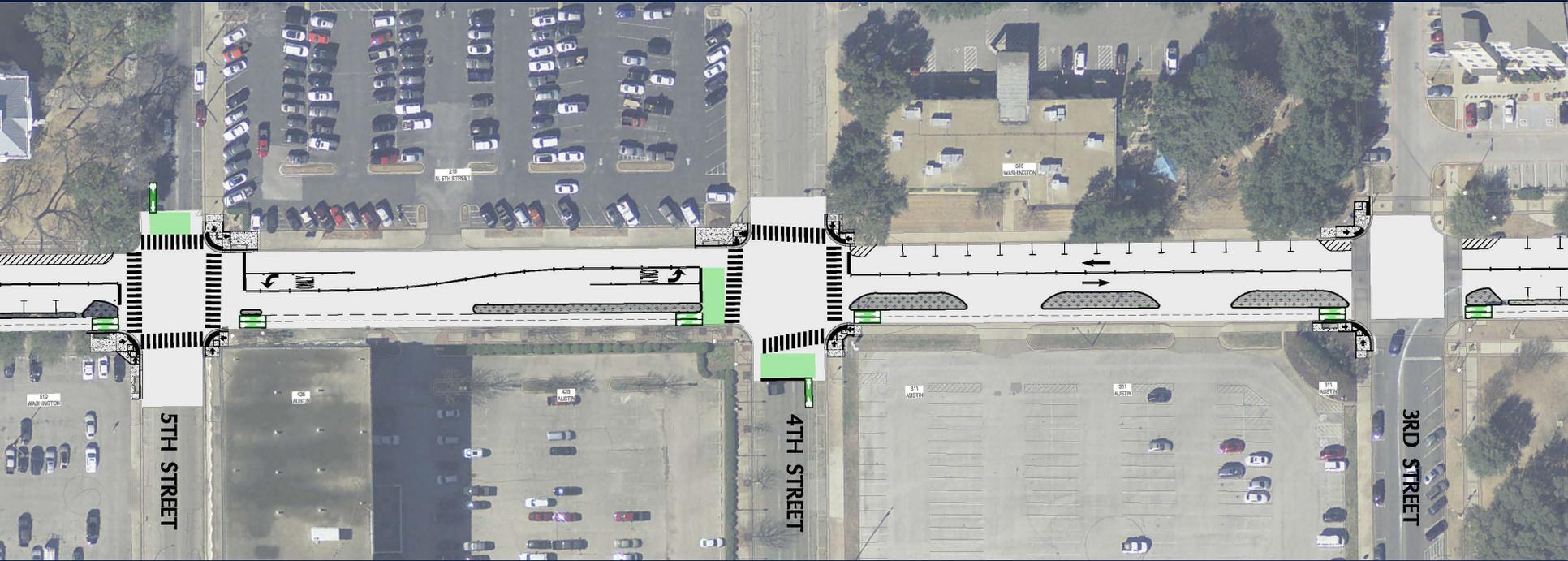
9th Street – 7th Street



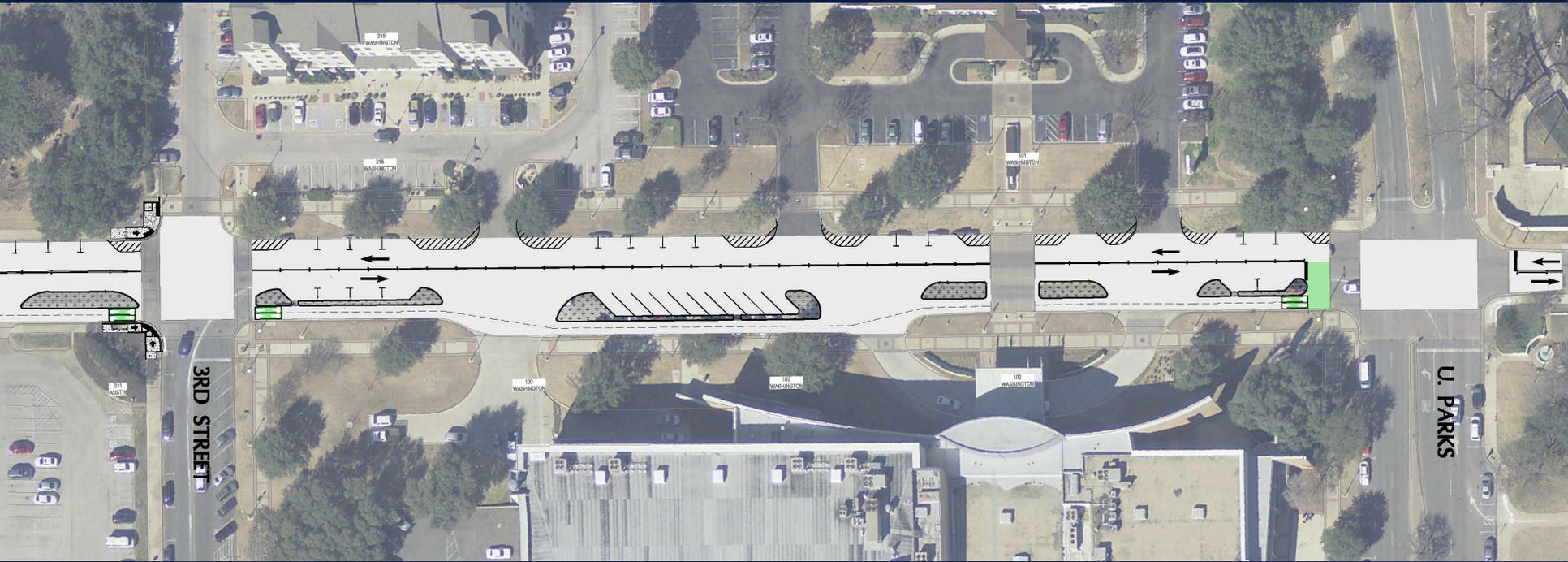
7th Street – 5th Street



5th Street – 3rd Street



3rd Street – University Parks Drive



Sample Ramp Improvements



11th & Washington Avenue



17th & Washington Avenue



6th & Washington Avenue



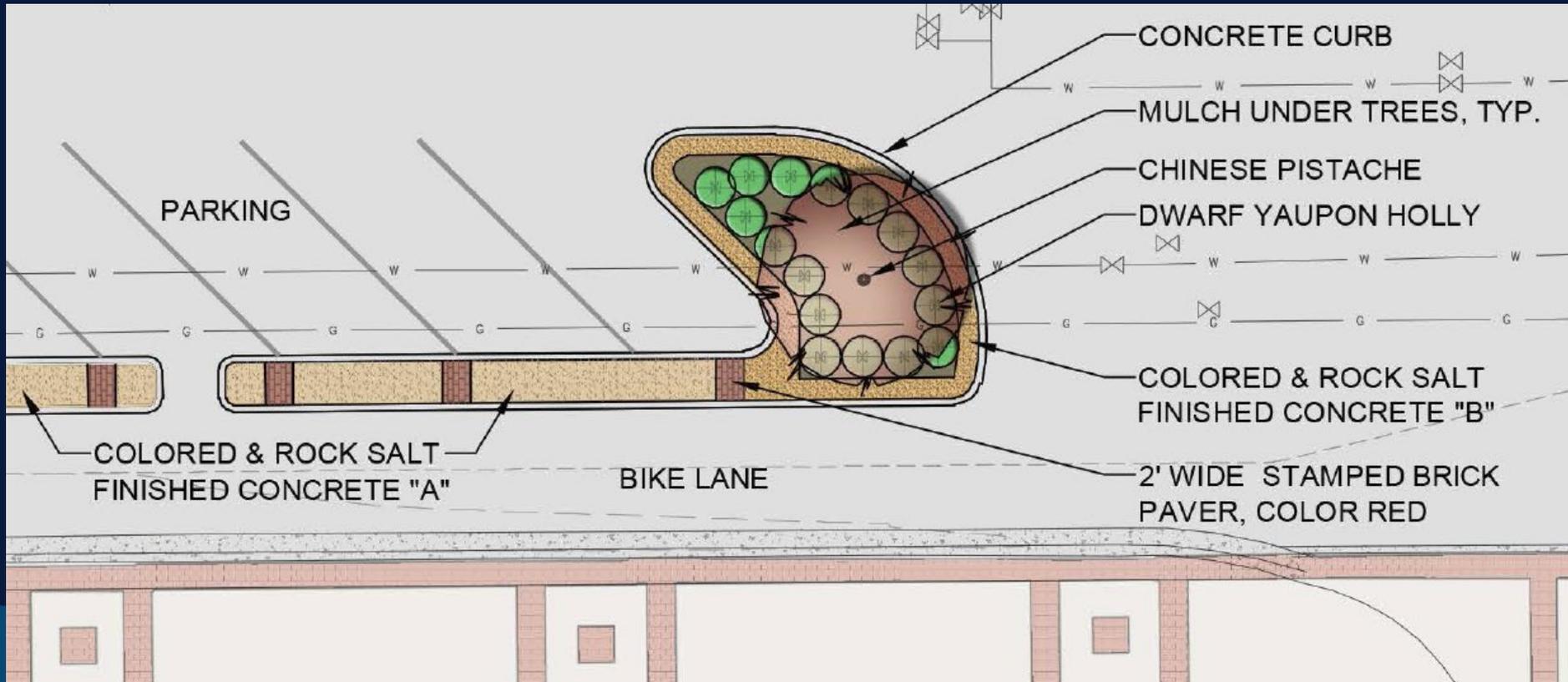
7th & Franklin Avenue



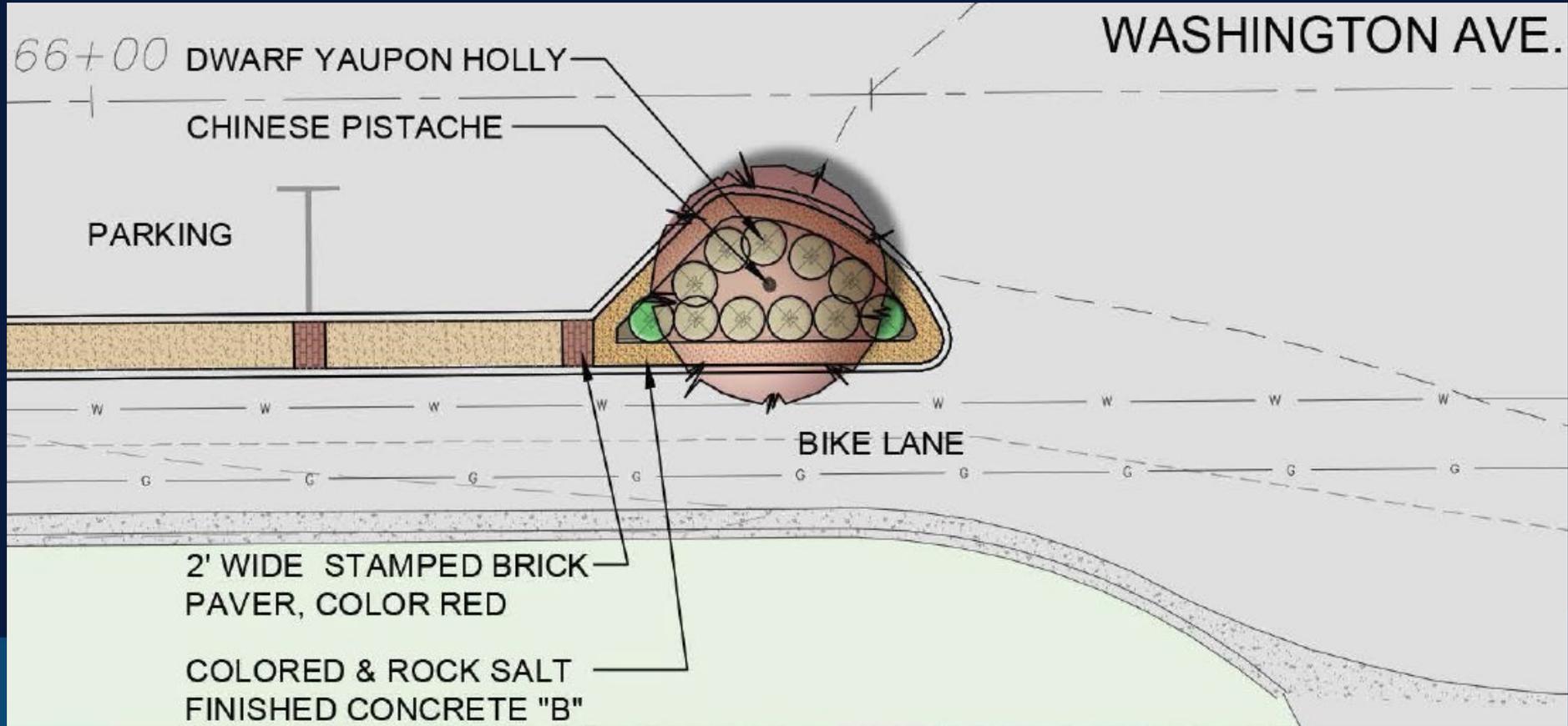
Sample Median Landscape/Hardscape



Sample Raised Median



Sample Raised Median



Landscape Concept Images



Chinese Pistache



Blond Ambition Blue
Gramma Grass



Dwarf Yaupon Holly



Canyon Creek Abelia



Purple Wintercreeper



Chinquapin Oak



Maidengrass



Pine Muhly



Red Yucca 'brake lights'



Purple Wintercreeper
(seasonal color shown)

Hardscape Concept Images



Rock Salt Finished Concrete



Rock Salt Finished Concrete



Stamped Brick Pavers (basket weave)



Rock Salt Finished Concrete



Rock Salt Finished Concrete



Stamped Brick Pavers (running bond)

MATERIALS IMAGES



Estimated Project Schedule

Task	2020												2021				
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
Construction Plans	■																
Public Meeting		■															
Bidding			■														
Council Award/Contracts				■													
Construction						■						■					



Funding Summary

Source	TIF/City Budget	Current EOPC (with 10% Contingency)	Difference
TIF	\$1,294,537	\$1,604,000	\$309,463
Traffic	\$225,000	\$363,000	\$138,000
Street	\$1,306,304	\$2,092,071	\$785,767
Utility	\$88,000	\$251,906	\$163,906
Storm	\$62,000	\$234,070	\$172,070
Total	\$2,975,841	\$4,545,047	\$1,569,206



Thank You!

