

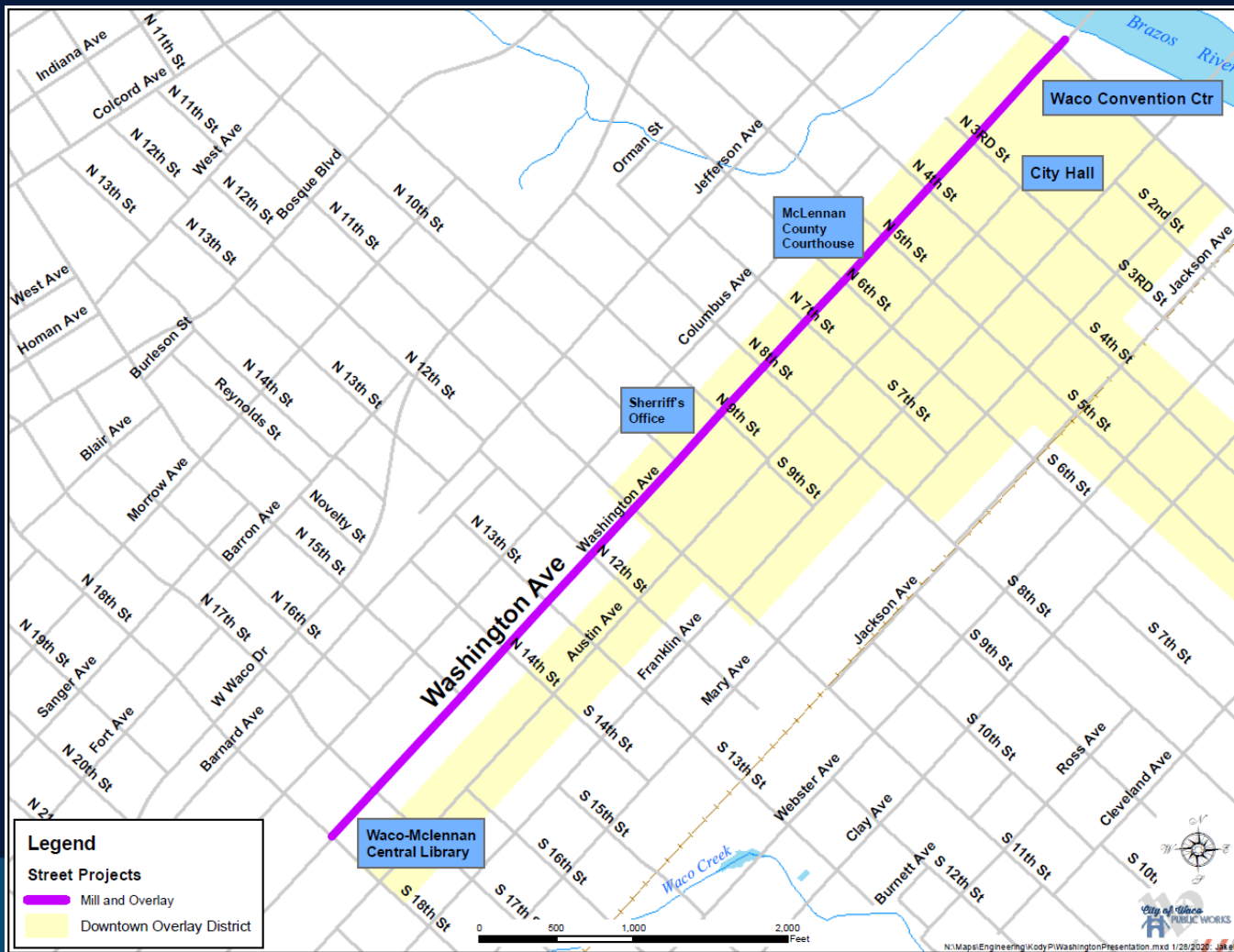
# Washington Avenue Improvements

## From 18<sup>th</sup> 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**

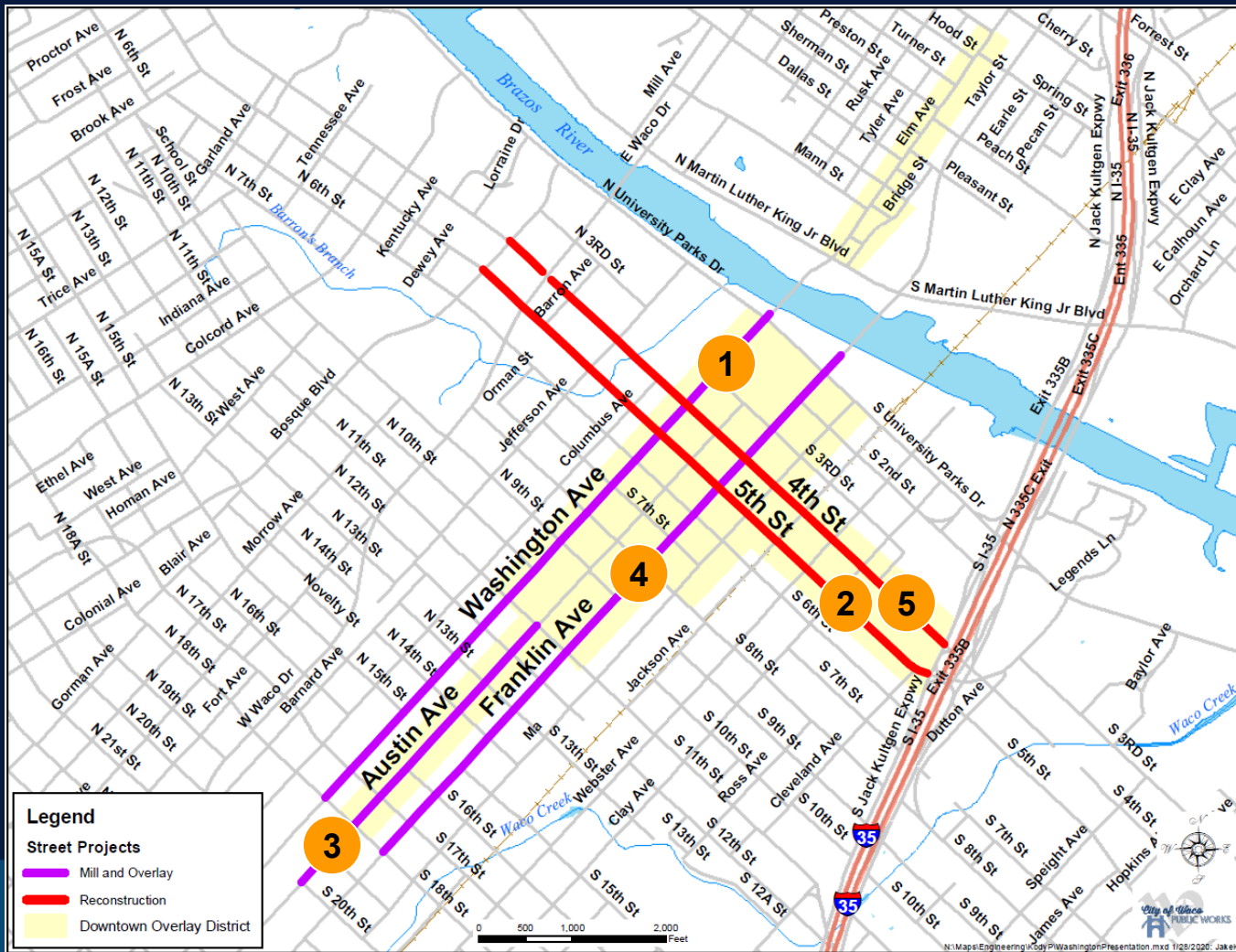
Ordinance Change – Deleting Washington from One Way Designation

**May 21, 2019**

Washington Avenue Tax Increment Financing (TIF) Approved by Council

**September 17, 2019**

Washington Avenue Discussion with Council (Traffic Engineering)





# 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

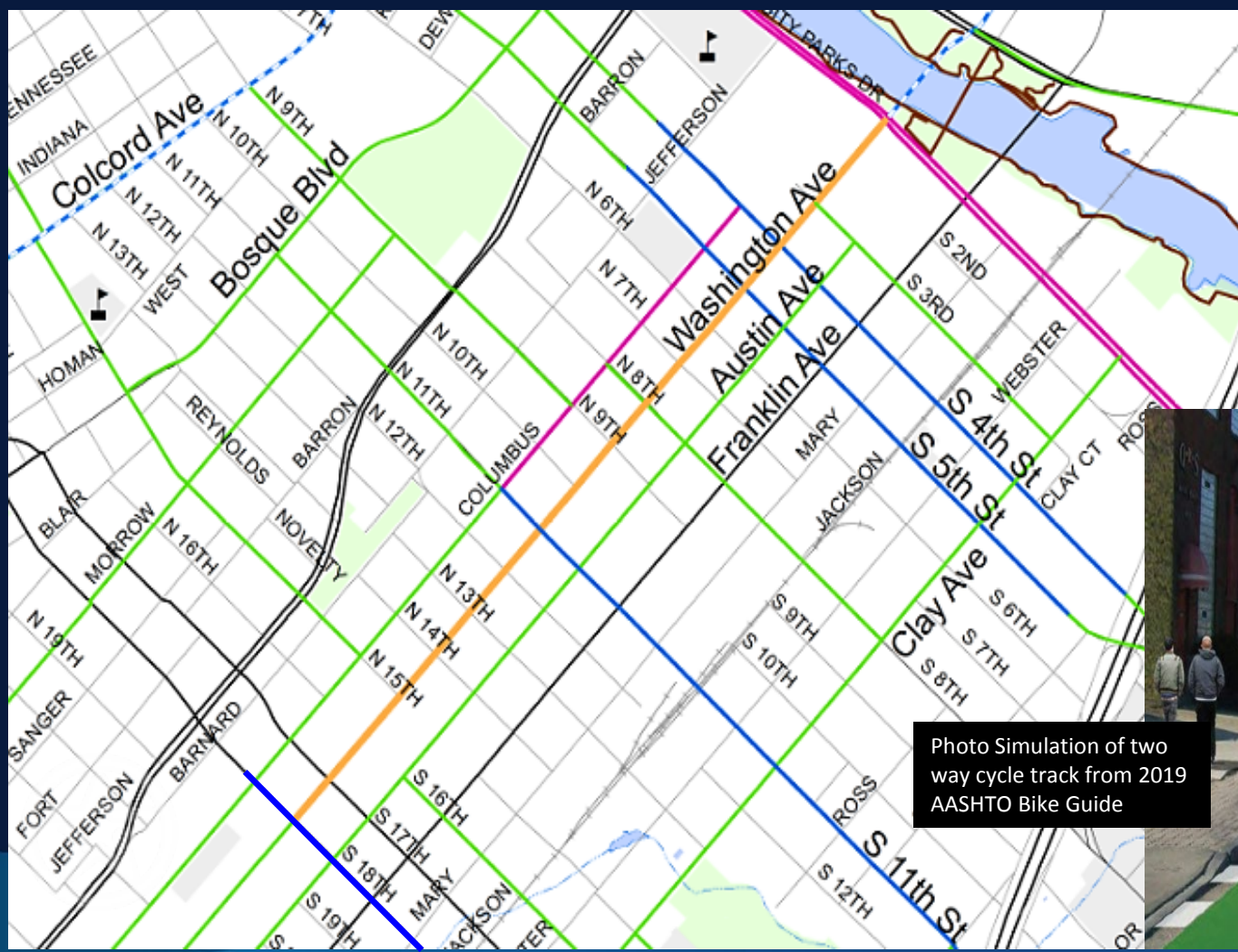
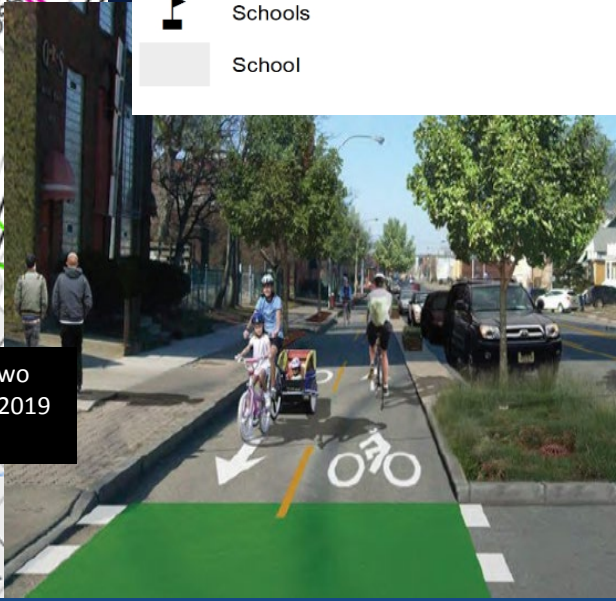


Photo Simulation of two way cycle track from 2019 AASHTO Bike Guide





# 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

18<sup>th</sup> to 11<sup>th</sup>: Striped Median

11<sup>th</sup> to UParks: Hardscape/Landscape Median





# What's Not Included:

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

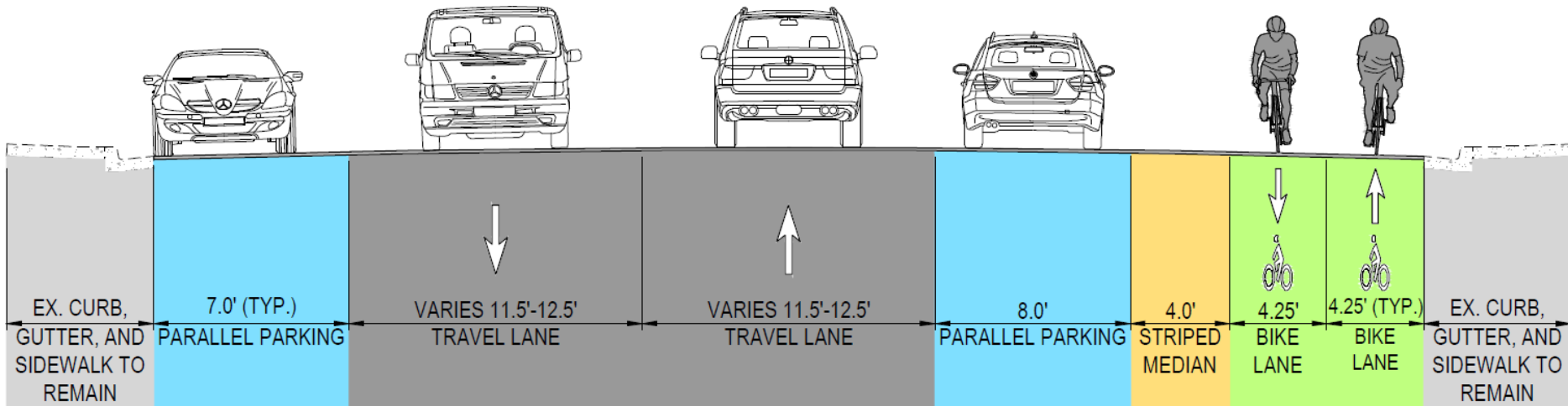
*\*Select spot repairs/transitions*



# Typical Street Sections



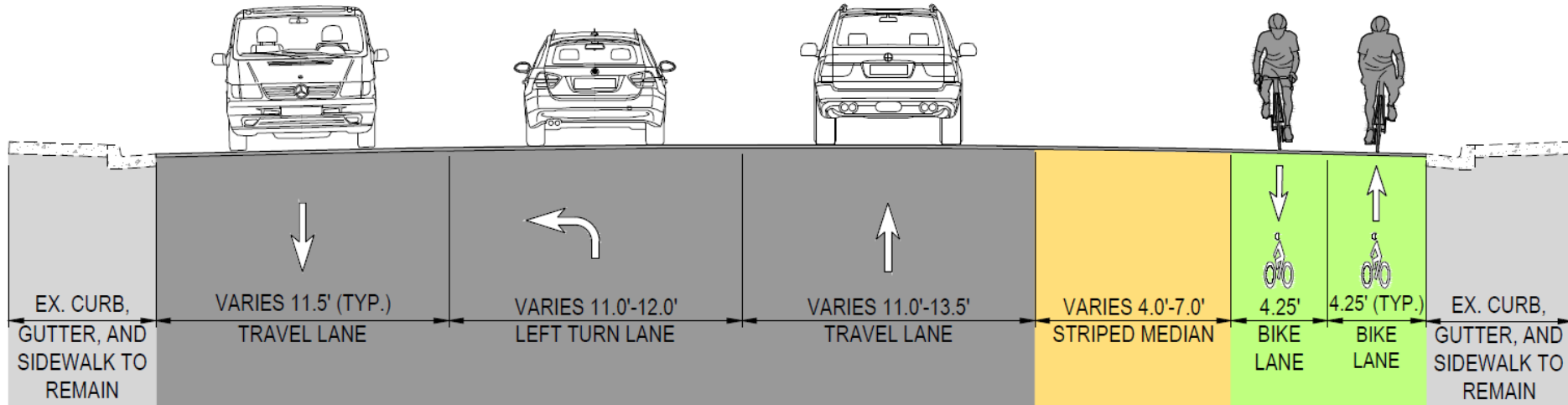
# Striped Median With Parking



18<sup>th</sup> to 11<sup>th</sup>  
(except at left turn lanes)

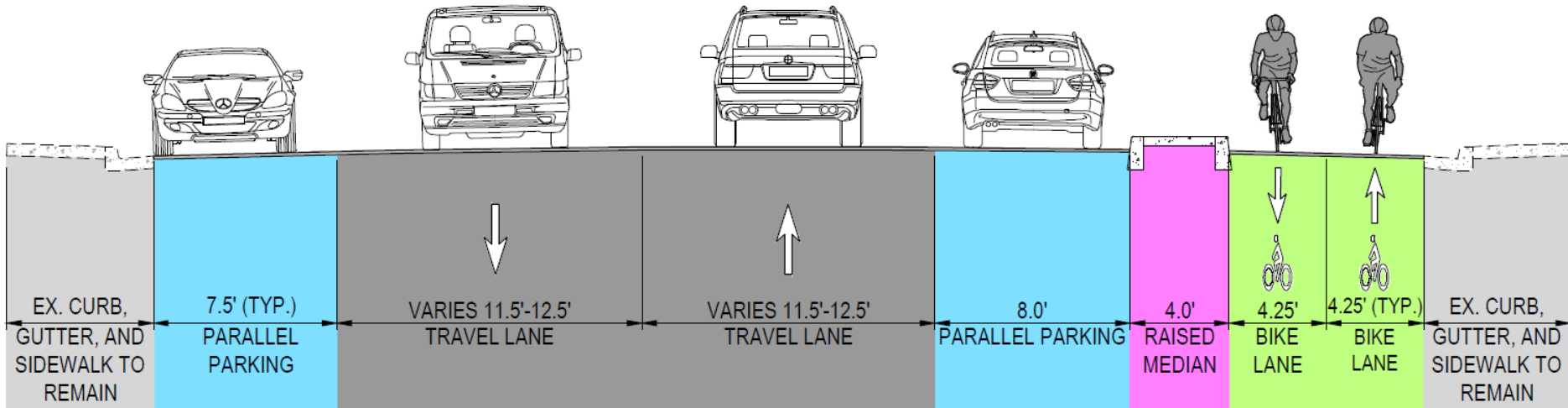


# Striped Median With Left Turn Lane



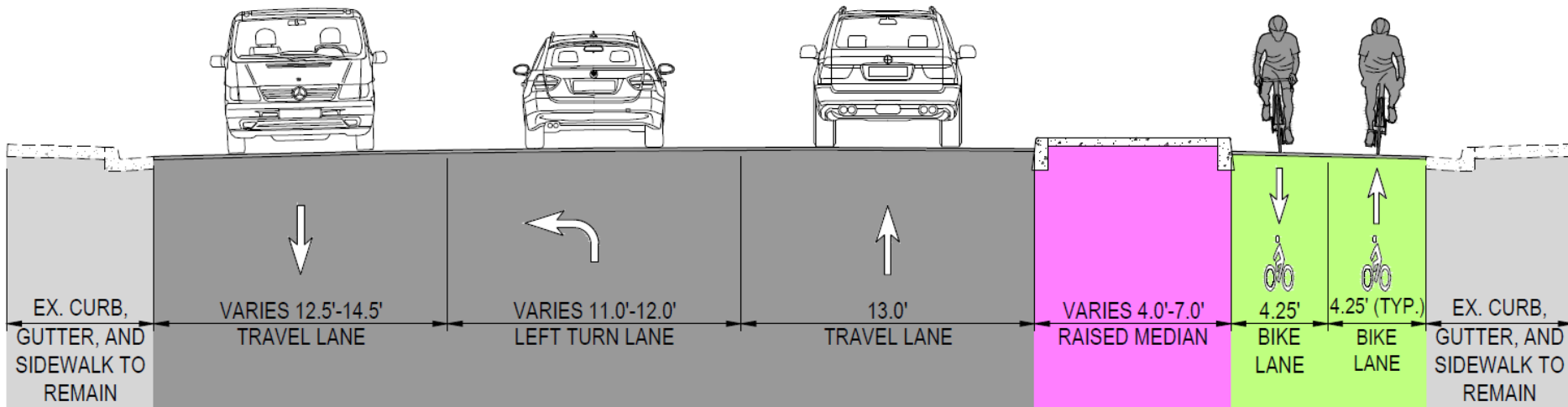
At 18<sup>th</sup>, 17<sup>th</sup>, and 11<sup>th</sup>

# Raised Median With Parking



11<sup>th</sup> to University Parks  
(except at left turn lanes)

# Raised Median With Left Turn Lane



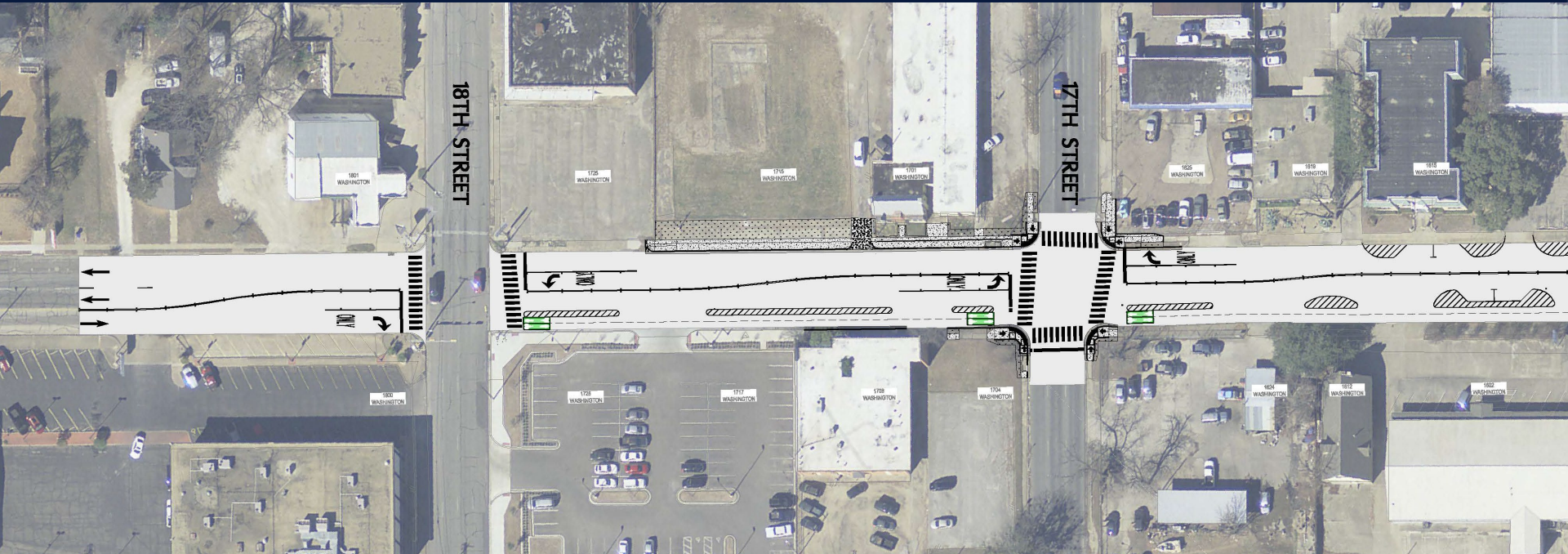
At 11<sup>th</sup>, 8<sup>th</sup>, 6<sup>th</sup>, and 4<sup>th</sup>



# Project Layout



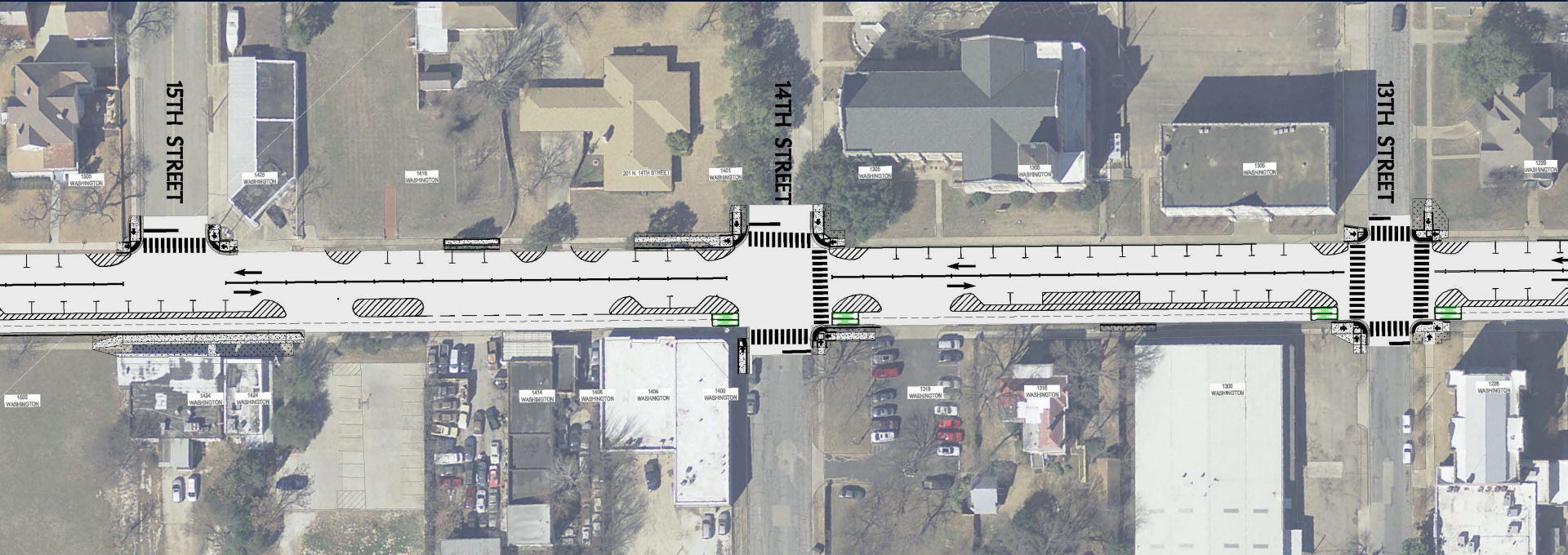
# 18th Street – 17th Street



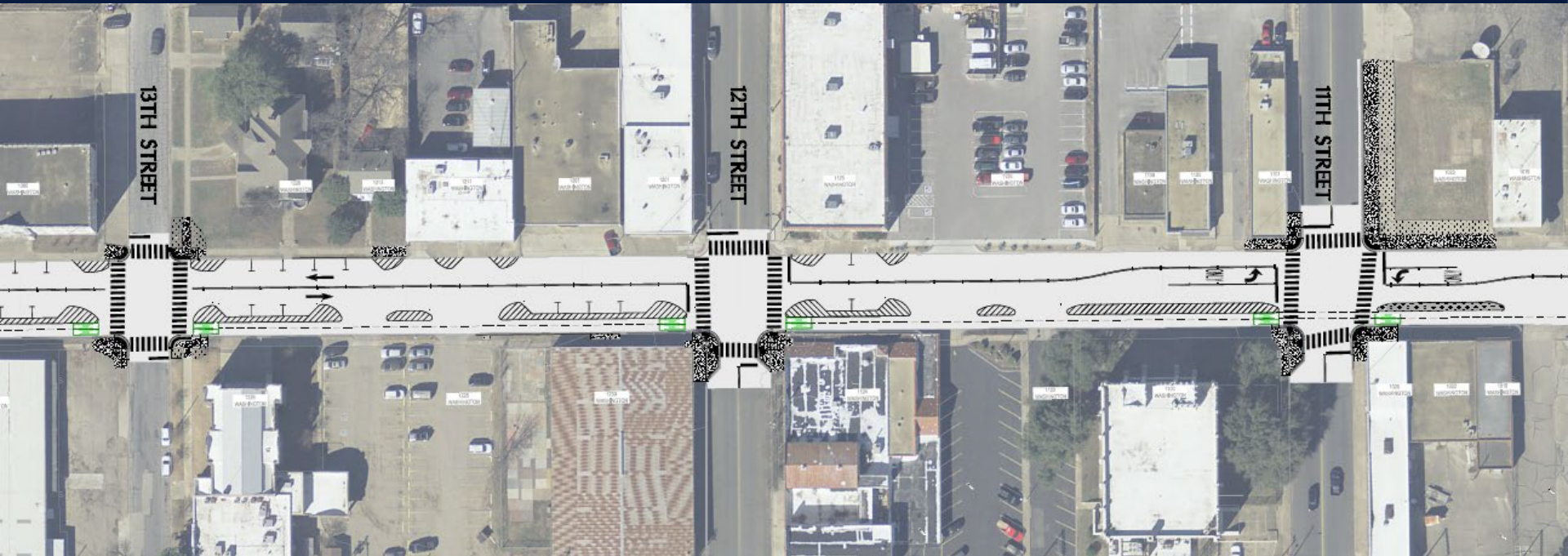




# 15th Street – 13th Street

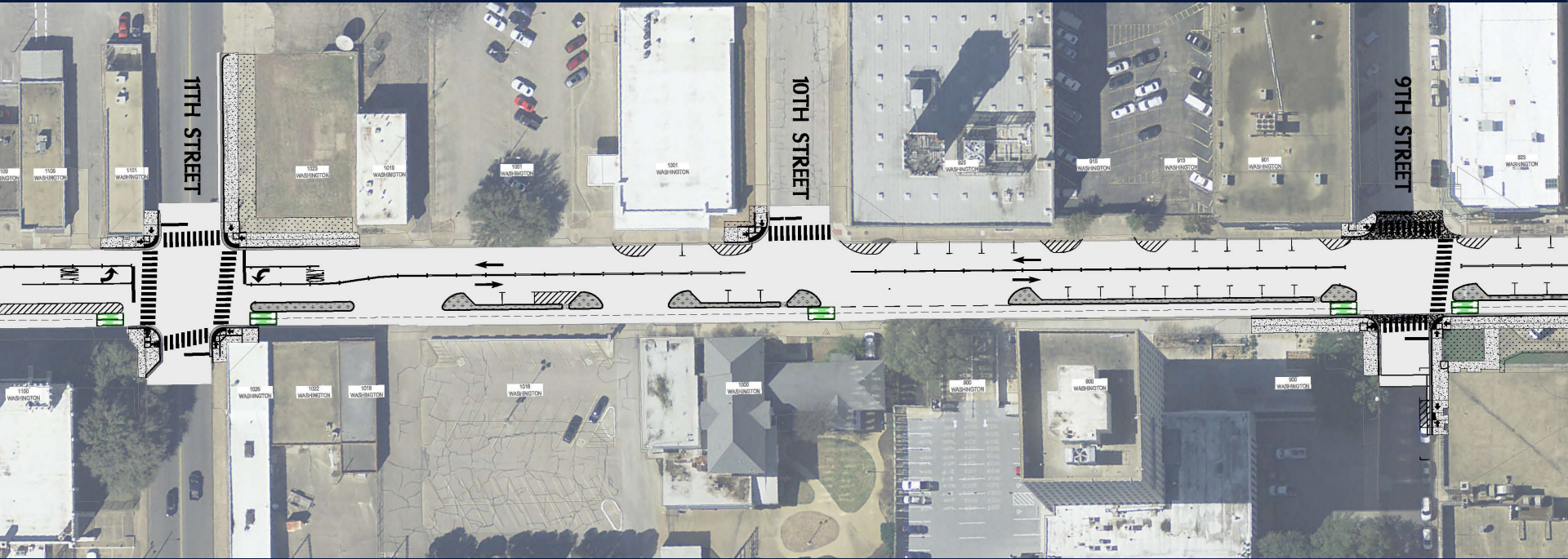


# 13th Street – 11th Street

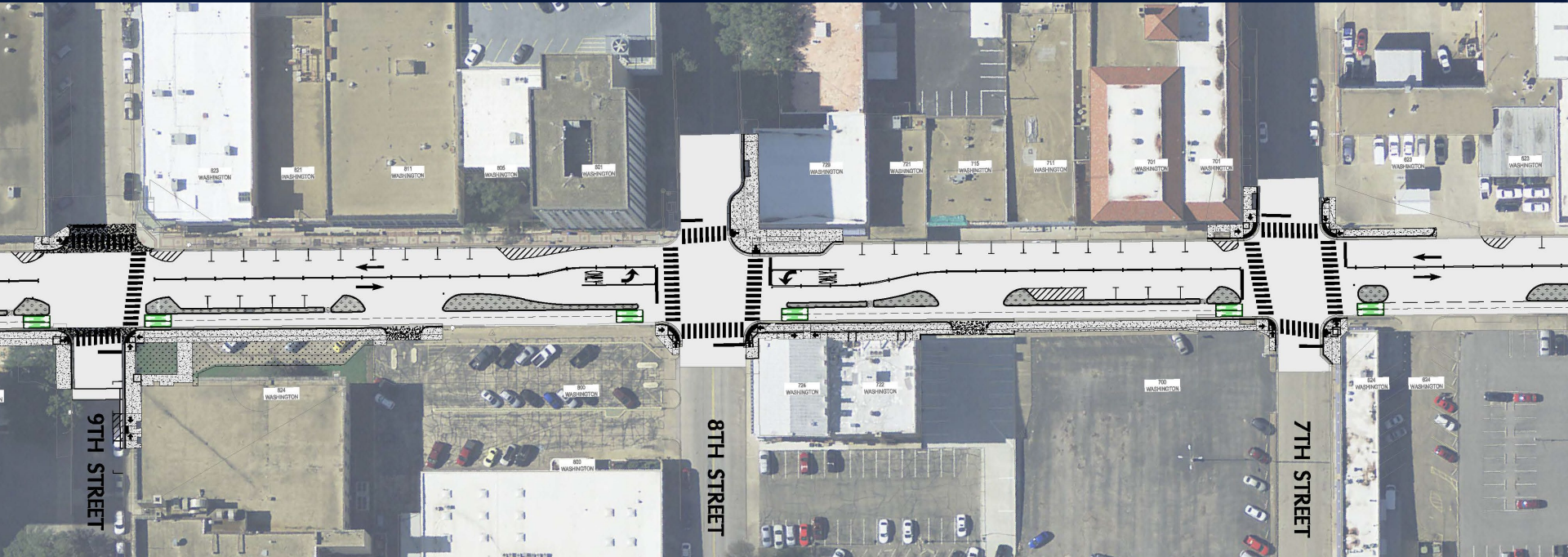




# 11th Street – 9th Street

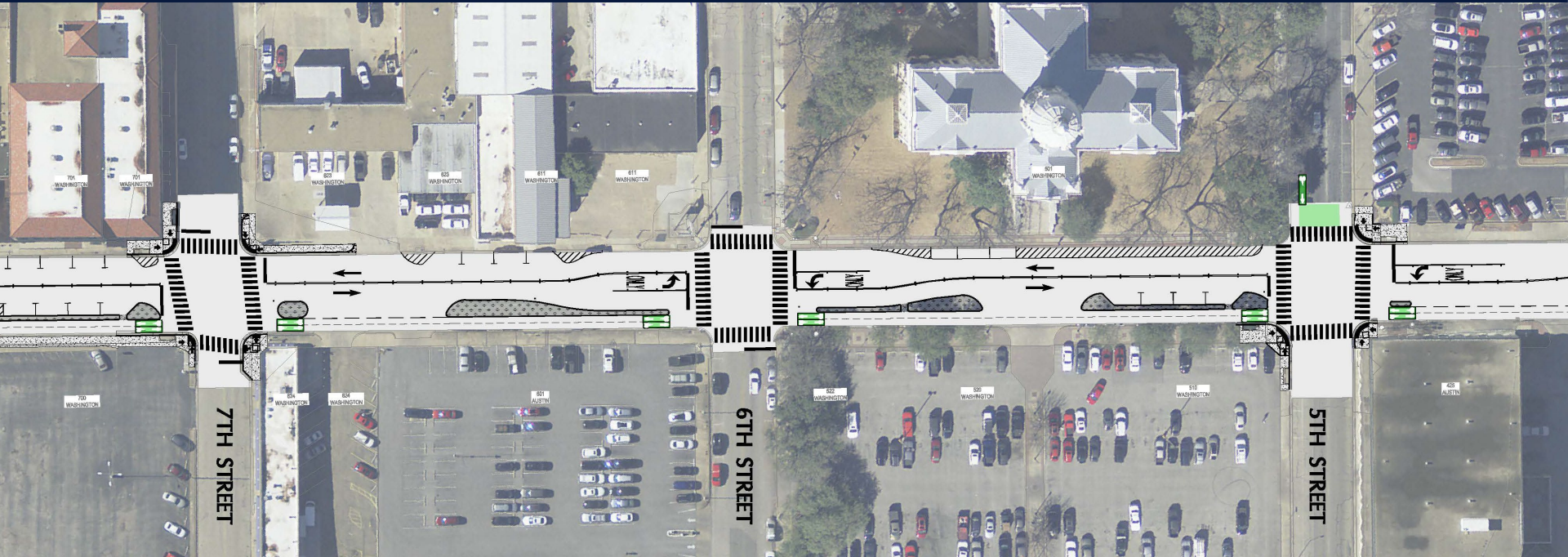


# 9th Street – 7th Street



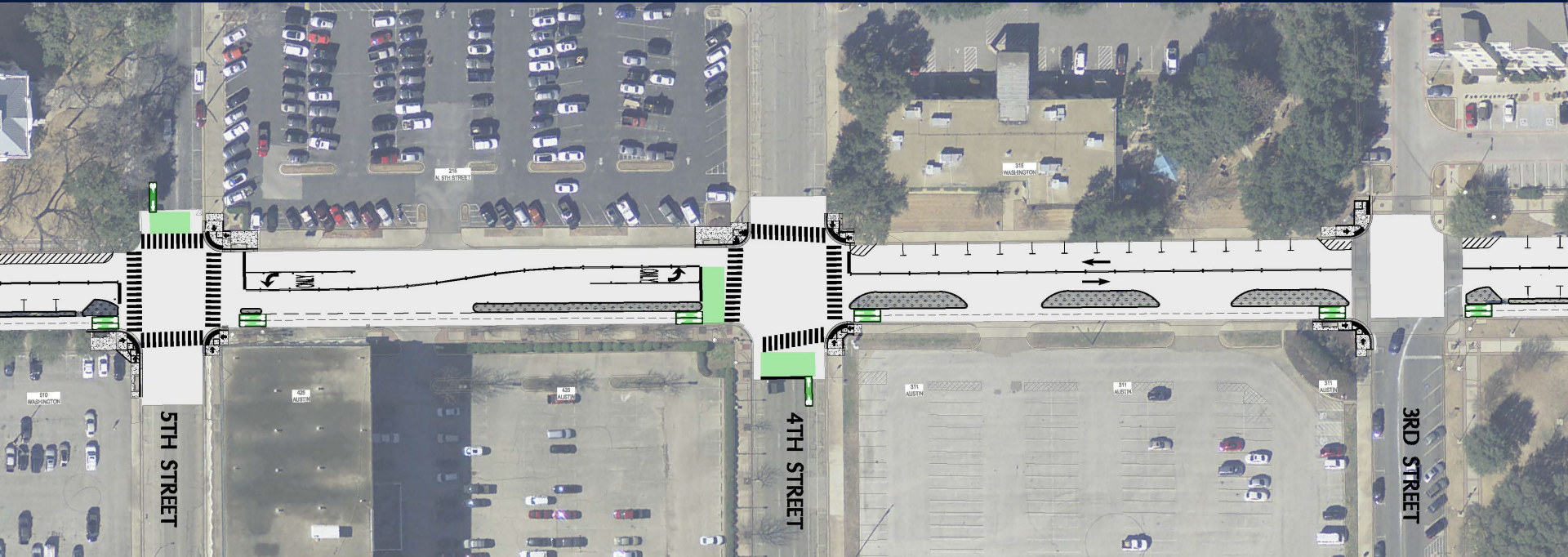


# 7th Street – 5th Street

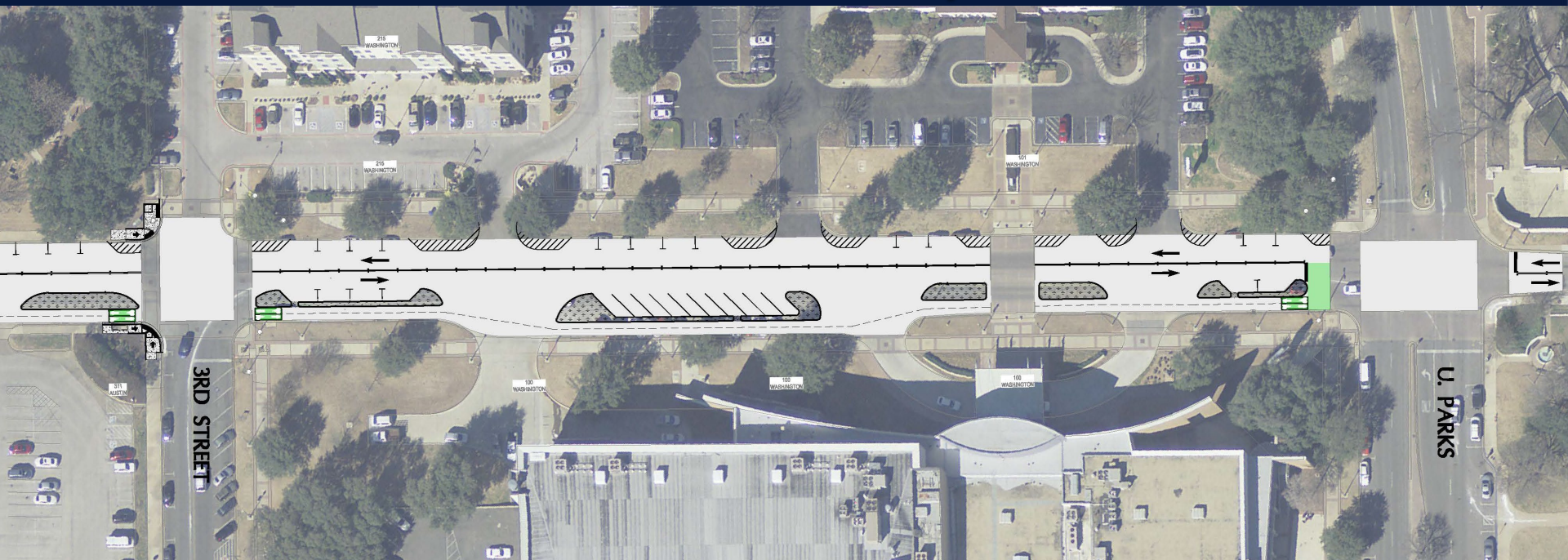




# 5th Street – 3rd Street



# 3rd Street – University Parks Drive



# Sample Ramp Improvements





# 11<sup>th</sup> & Washington Avenue





# 17<sup>th</sup> & Washington Avenue





# 6th & Washington Avenue





# 7th & Franklin Avenue

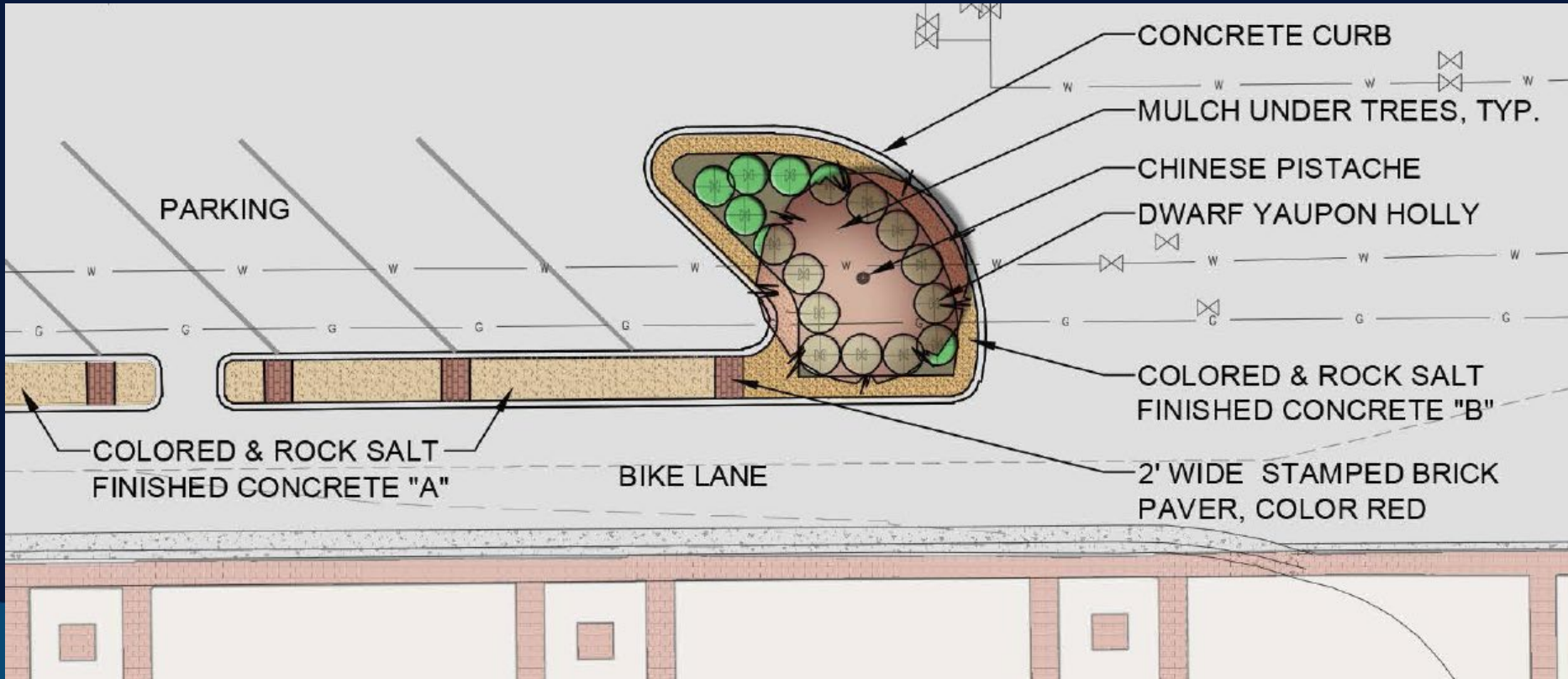




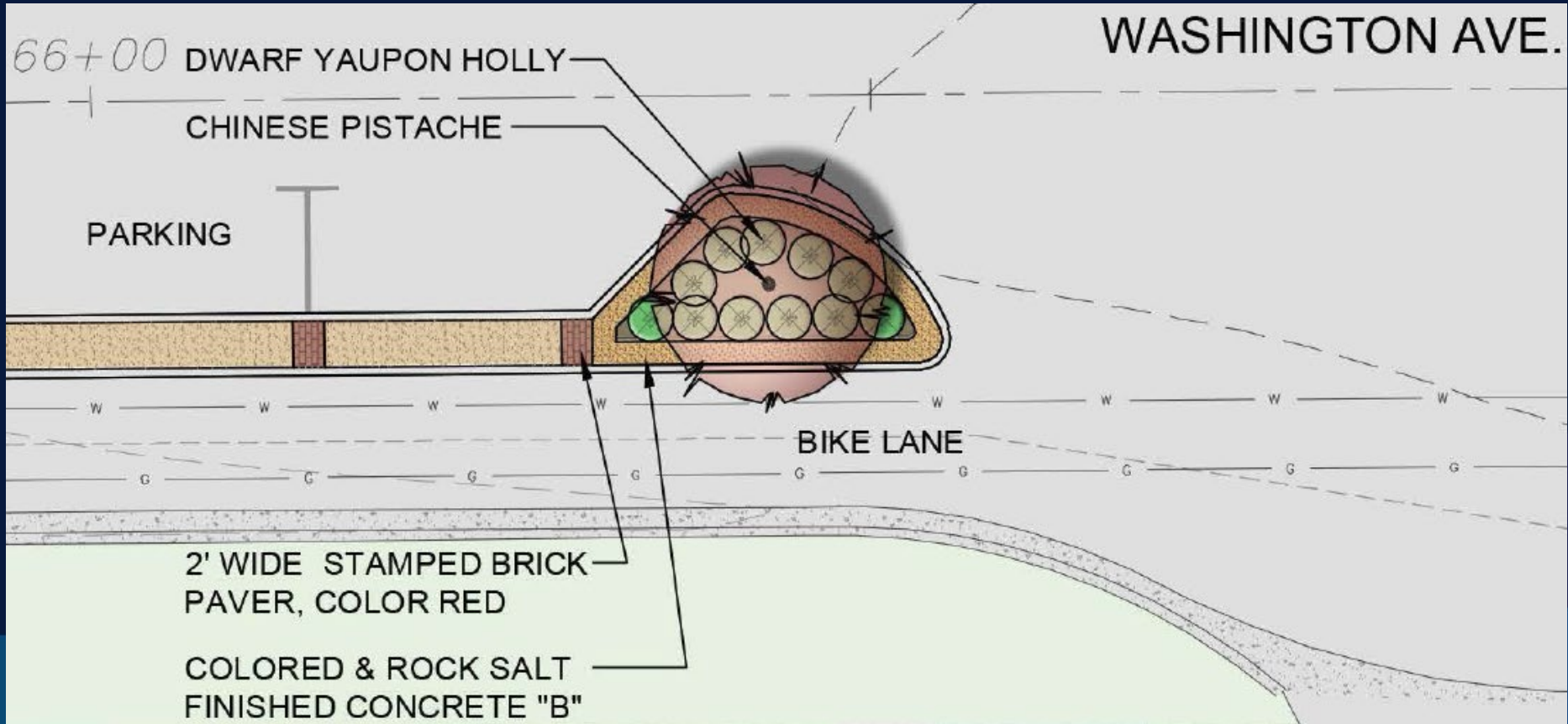
# Sample Median Landscape/Hardscape



# Sample Raised Median



# Sample Raised Median





# Landscape Concept Images



Chinese Pistache



Blond Ambition Blue  
Grama Grass



Dwarf Yaupon Holly



Canyon Creek Abelia



Purple Wintercreeper



Chinquapin Oak



Maidengrass



Pine Muhly



Red Yucca 'brake lights'



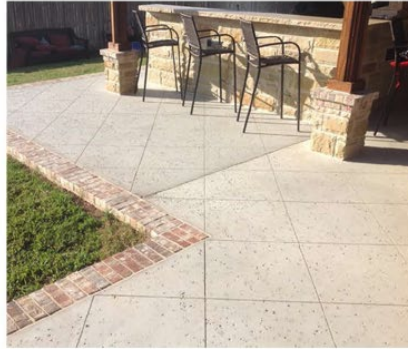
Purple Wintercreeper  
(seasonal color shown)



# 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<br>(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          |
| <b>Total</b> | <b>\$2,975,841</b> | <b>\$4,545,047</b>                     | <b>\$1,569,206</b> |





# Thank You!

