

# **University Drive Improvements Phases I and II**

Presented to the City Council  
By the Transportation and Public Works Department

June 8, 2021

## Purpose

Provide an update on corridor improvements along University Drive

*Phase I – West Rosedale Street to Riverfront Drive*

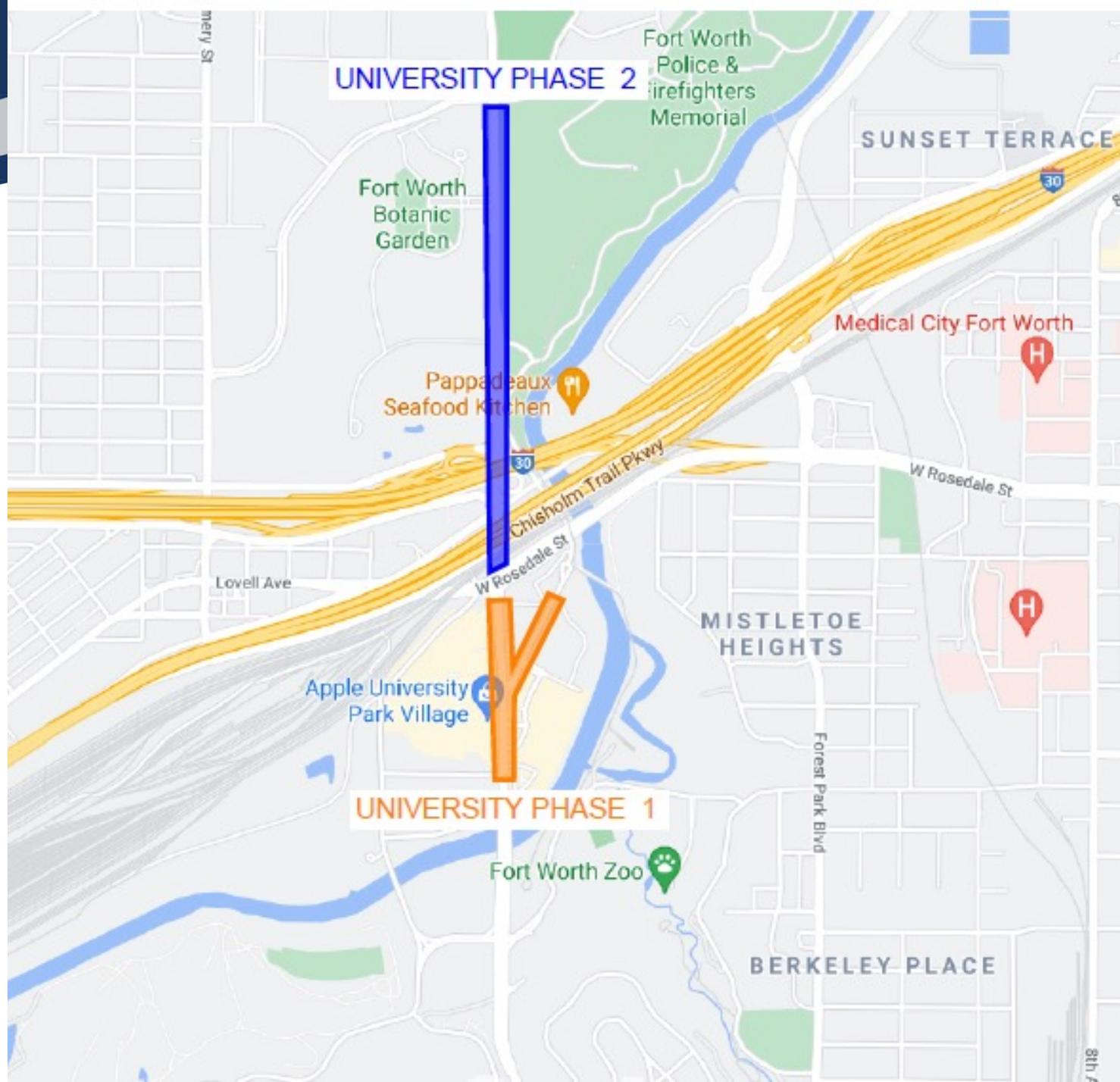
- Scope
- Budget
- Schedule

*Phase II – Trail Drive to West Rosedale Street*

- Scope
- Budget
- Schedule

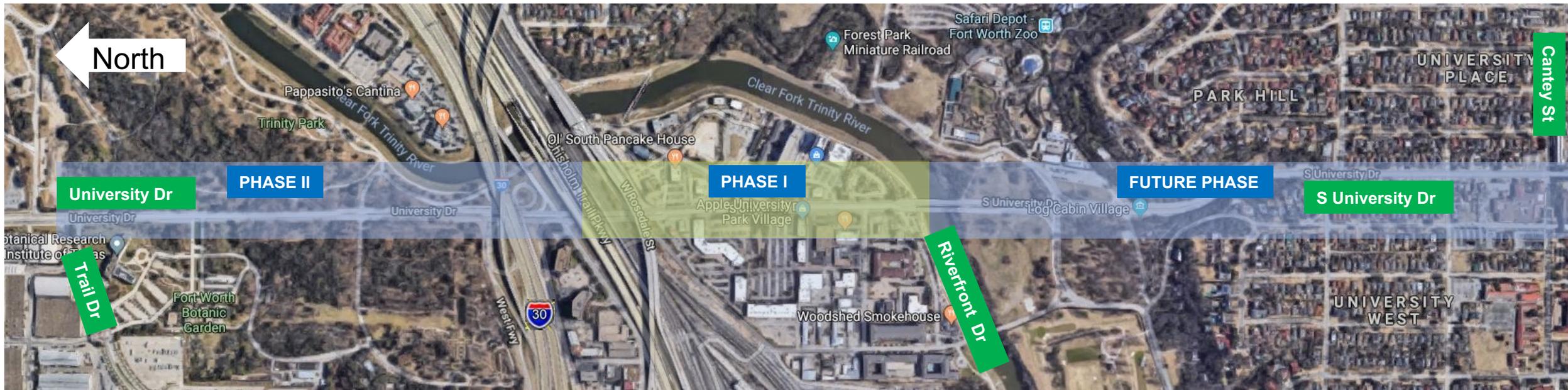
# Project Location

- University Drive
  - Trail Drive to Riverfront Drive (2 Phases)
- Project Goals
  - Improve
    - Traffic and pedestrian safety
    - Non-motorized mobility
    - Signage
    - Aesthetics



# University Drive Corridor

## Trail Drive to Cantey Street



## Project Need

- Traffic/pedestrian safety decline over years
- Car-centric facility – Improvements needed to enhance alternative mobility
- Aesthetically not representative of gateway to cultural landmarks
- Inadequate signage to attractions, trails and other amenities

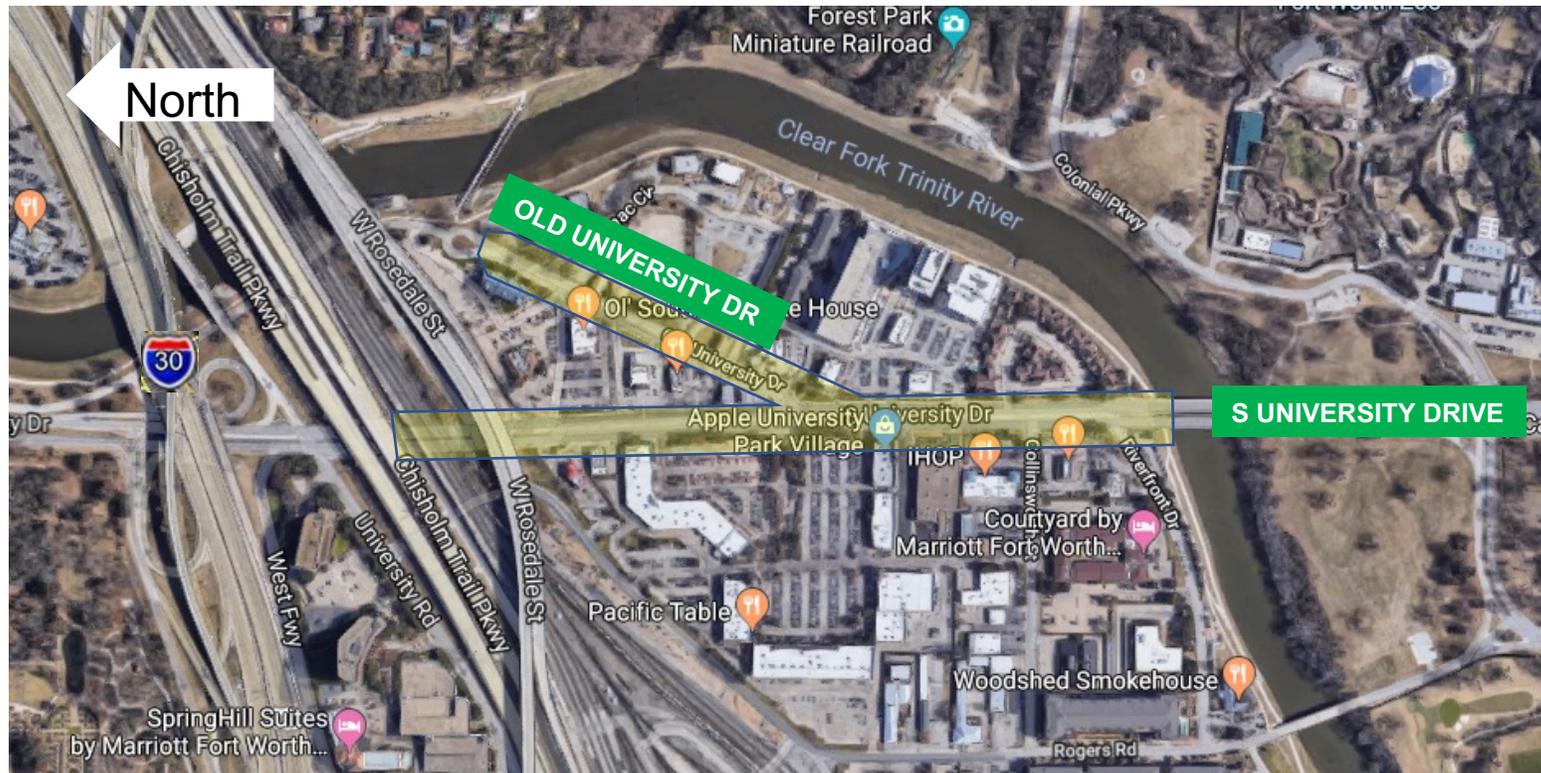


## Phases I and II

- Projects have similar scopes
  - Focus is on improving safety, enhancing alternative modes of transportation, signage and aesthetics
  - Neither phase intends to reconstruct or widen the existing pavement
- 
- Phase I – 2018 Bond funds.....\$4 million
  - Phase II – Federal Funds.....\$10.1 million

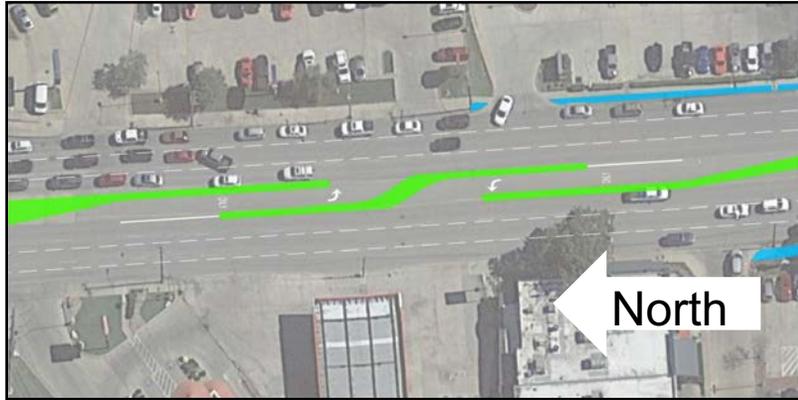
# Phase I Limits

S. University Drive – W. Rosedale Street to Riverfront Drive





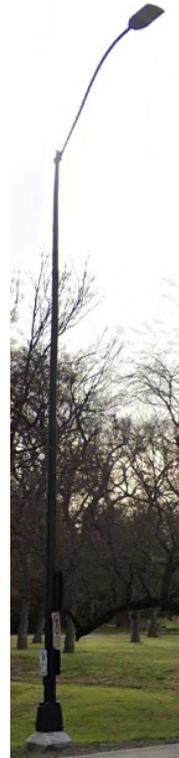
# Phase I Scope



Improve traffic safety by adding medians



Incorporate aesthetic improvements in median and at crosswalks



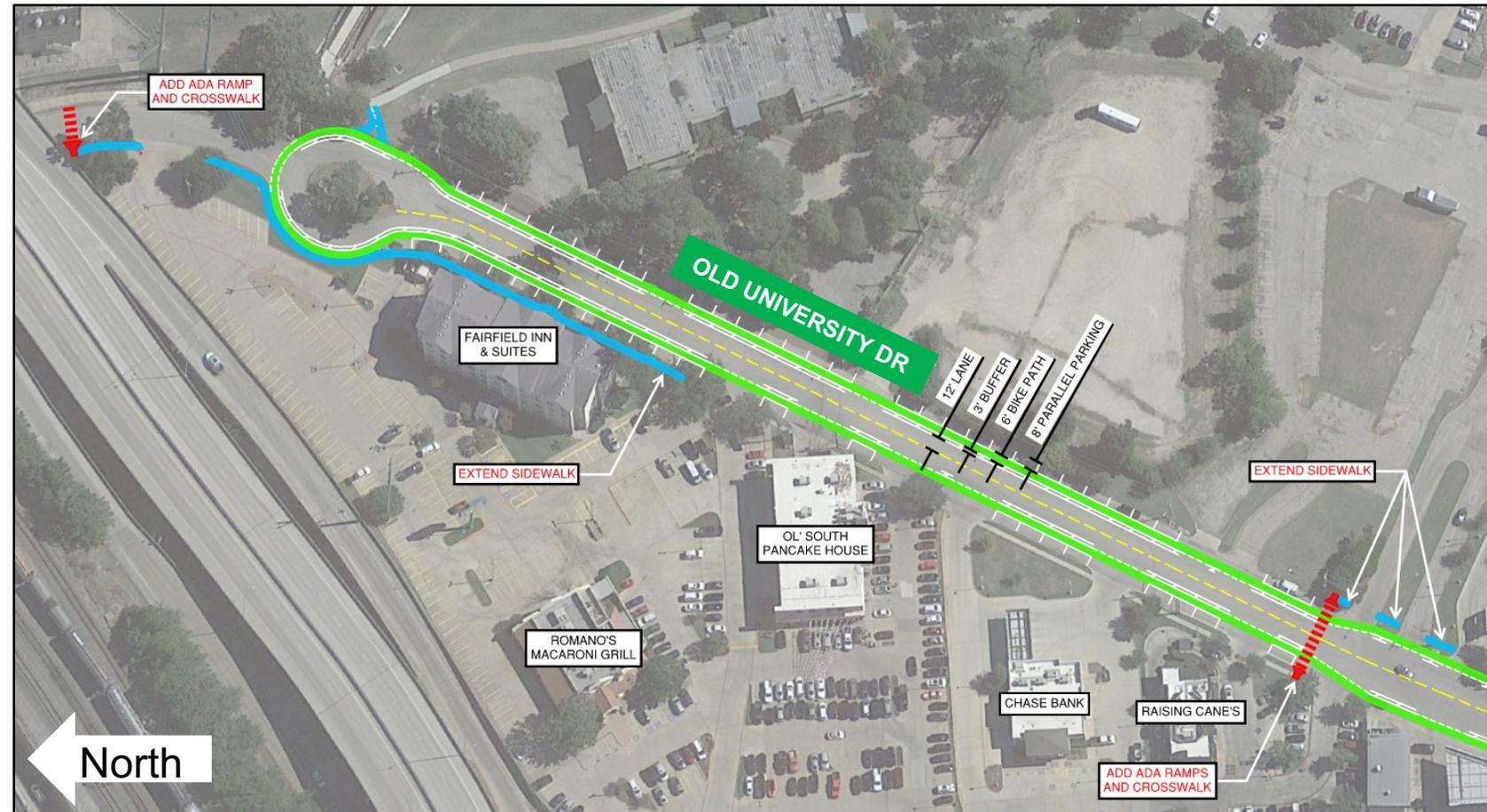
Street Lights



Improve pedestrian safety by adding/removing crosswalks at intersections and provide traffic signal at Collinsworth St.

# Phase I Scope - continued

- Improve bike/pedestrian connections to Trinity River trail system and provide safer crossing on Old University Drive
- Add parking and bike lanes along Old University Drive connecting to Trinity Trails
- Extend sidewalks to fill existing gaps to connect to Trinity trails
- Reroute pedestrians to safer Old University connections by signing sidewalk closures at Rosedale overpass



## Phase I Scope - continued

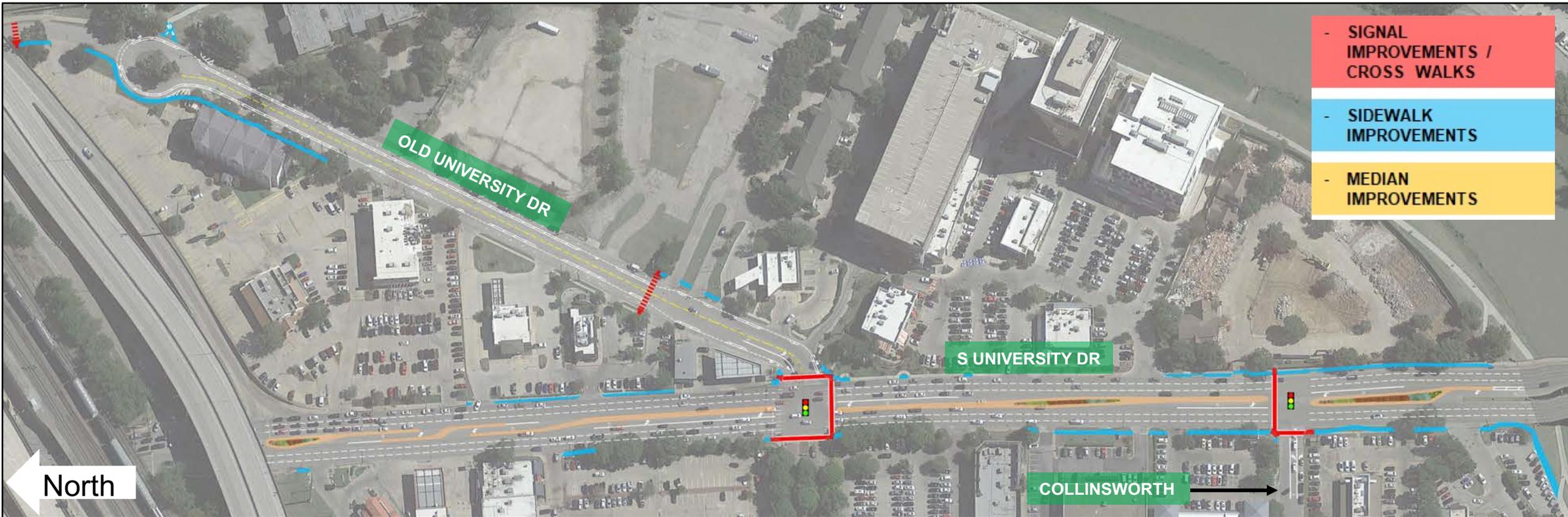


Improve bus stop facilities to make ADA compliant and to facilitate installation of shelters by Trinity Metro



Add roadway directional and wayfinding signage

# S. University Drive – Phase I Proposed Improvements Concept Plan



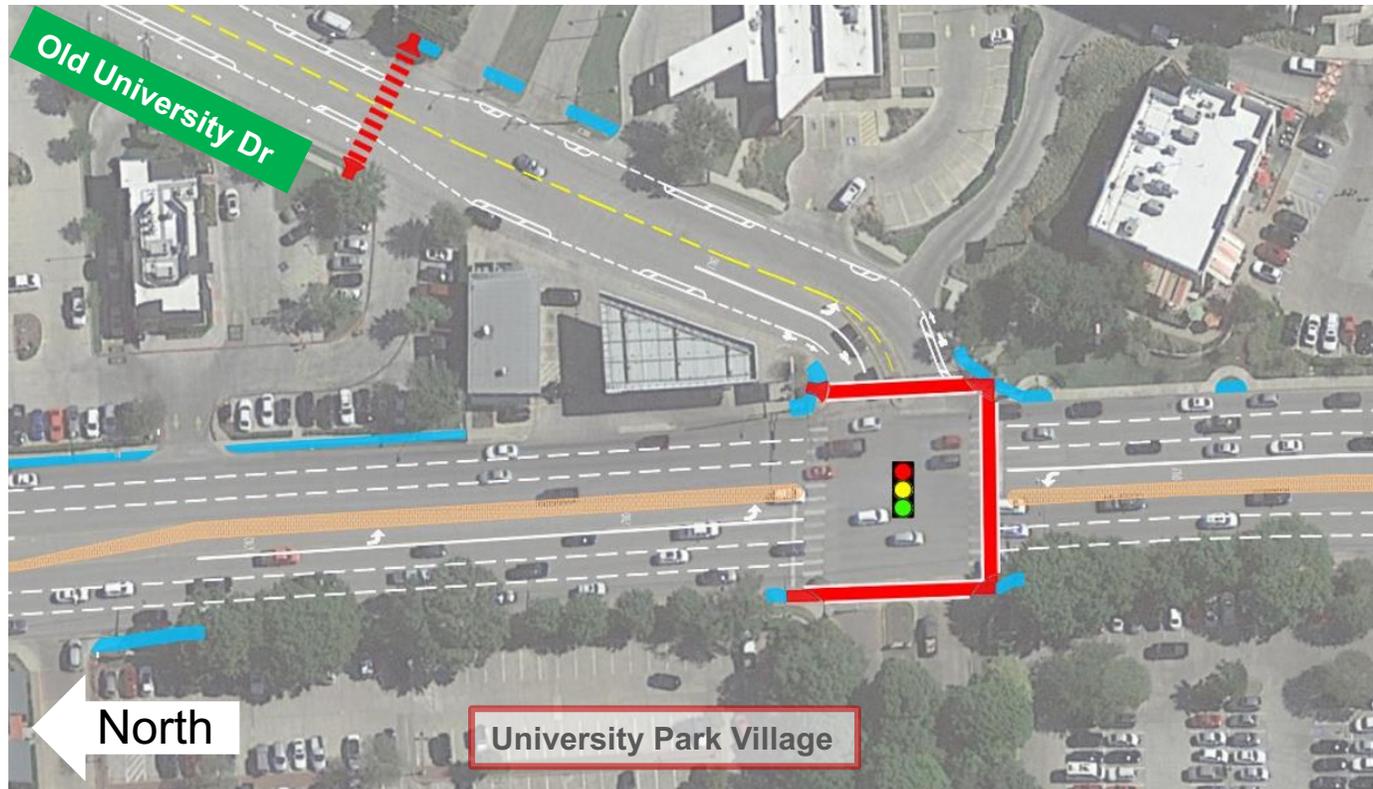
## S. University Drive – Phase I Proposed Improvements south of W Rosedale



- SIDEWALK  
IMPROVEMENTS

- MEDIAN  
IMPROVEMENTS

## S. University Drive – Phase I Proposed Improvements at Old University Drive



- SIGNAL  
IMPROVEMENTS /  
CROSS WALKS

- SIDEWALK  
IMPROVEMENTS

- MEDIAN  
IMPROVEMENTS

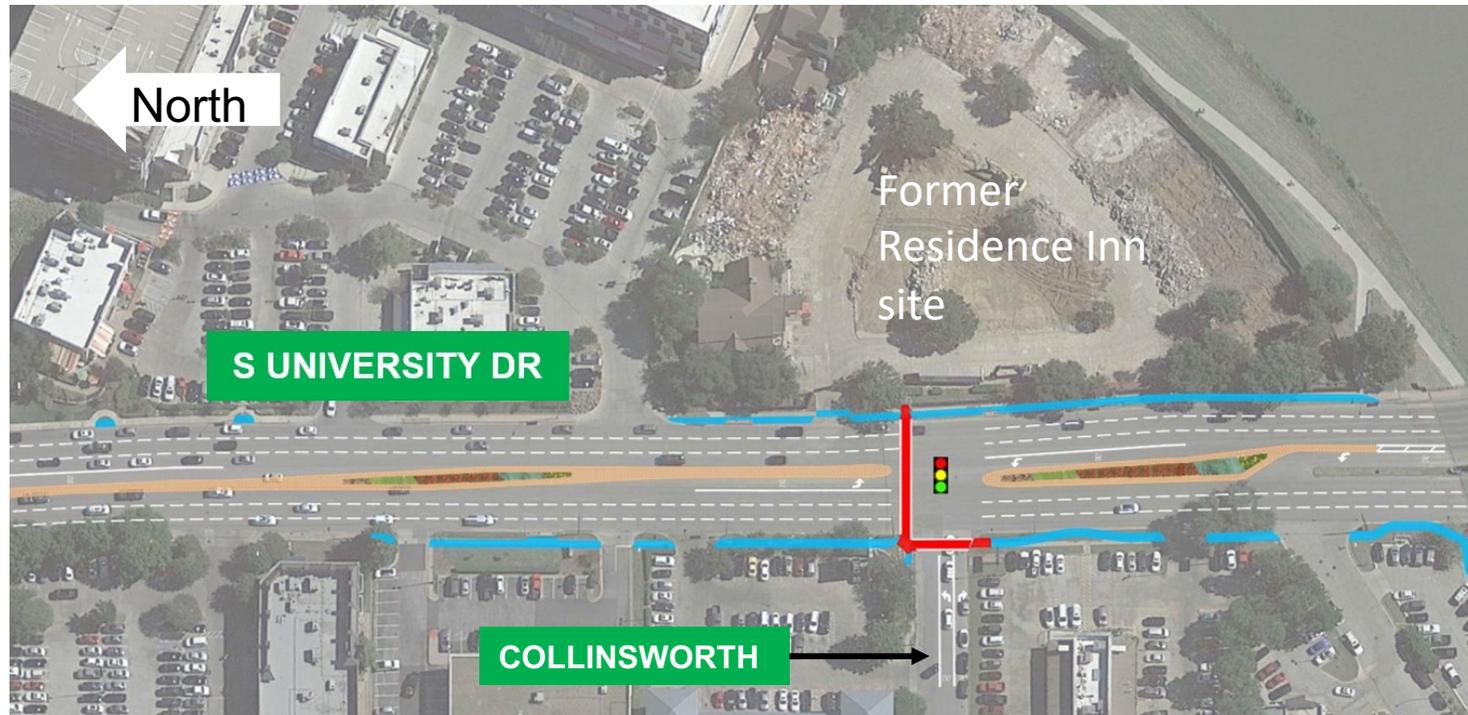
# S. University Drive – Phase I

## Interim Improvements south of Old University Drive



- SIGNAL IMPROVEMENTS / CROSS WALKS
- SIDEWALK IMPROVEMENTS
- MEDIAN IMPROVEMENTS

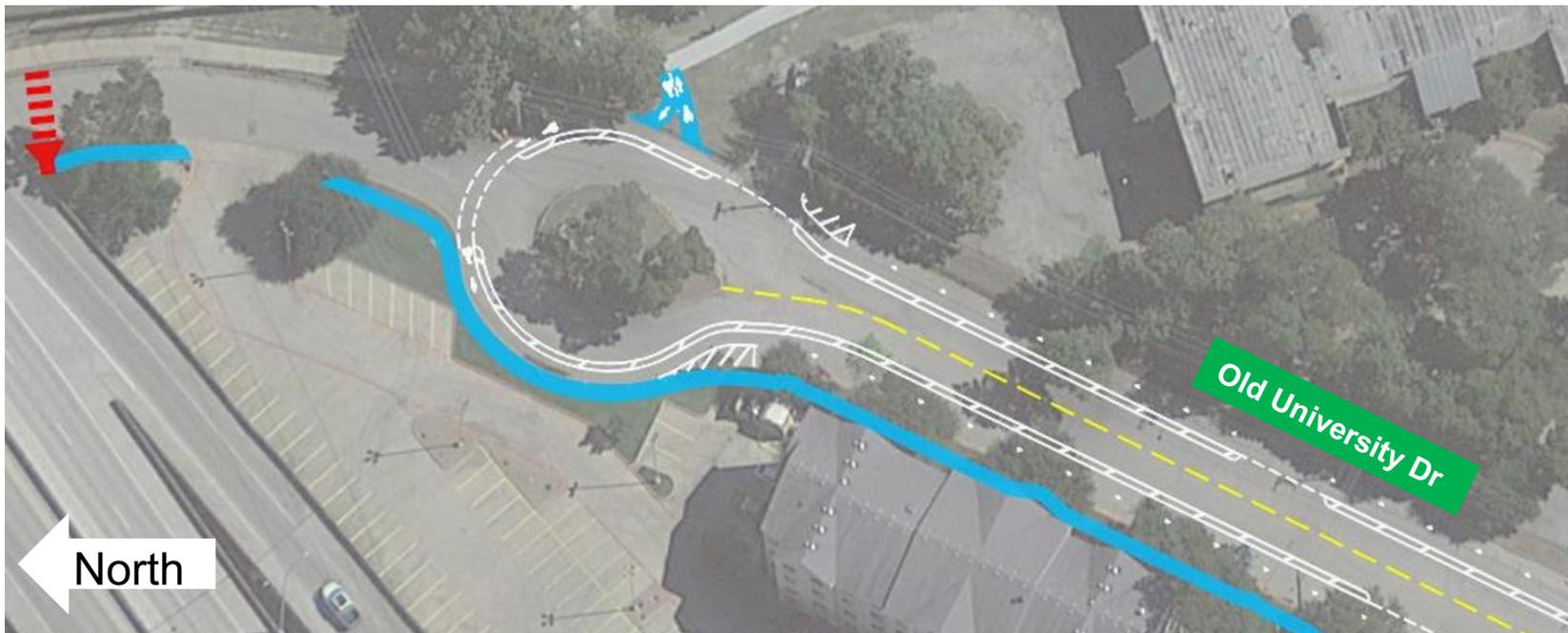
## S. University Drive – Phase I Ultimate Improvements south of Old University Drive



- SIGNAL IMPROVEMENTS / CROSS WALKS
- SIDEWALK IMPROVEMENTS
- MEDIAN IMPROVEMENTS

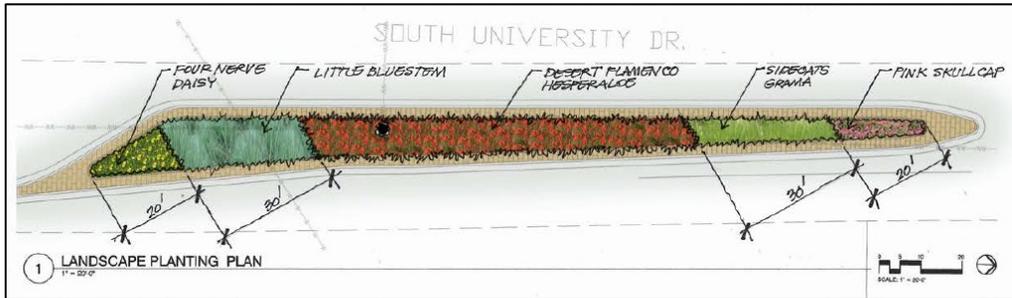
## S. University Drive – Phase I

### Proposed Improvements northeast end of Old University Drive

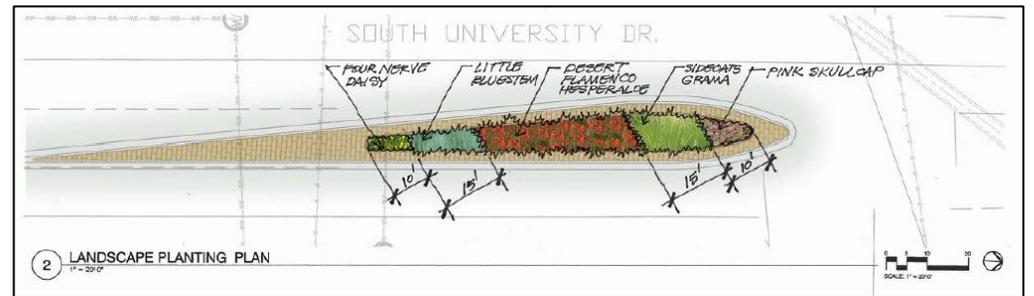


- CROSS WALKS
- SIDEWALK IMPROVEMENTS

# S. University Drive – Phase I Proposed Landscape Improvements

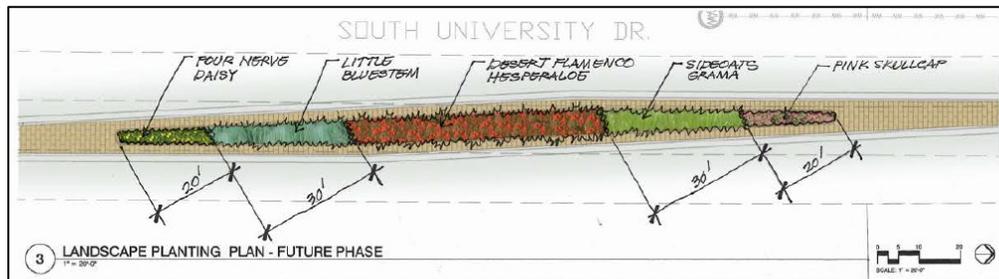


Collinsworth



W Rosedale

Collinsworth



Old University



# University Drive Plant Materials

## Proposed Evergreen Perennials & Ornamental Grasses



Four Nerve Daisy  
(8 – 12 inches width/ht.)  
at South Nose of Medians



Pink Skullcap  
(2 - 4 feet x 1 – 2 feet ht.)  
at North Nose of Medians



Desert Flamenco Hesperaloe  
(30 inches x 30 inches)  
Central Plant at Medians



Sideoats Grama  
(2 feet x 2 – 4 feet ht.)  
Intermediate Plant at Medians



Little Bluestem (Spring/Summer, Fall, and Winter)  
(3 feet + ht.)  
Intermediate Plant at Medians

# Project Cost \*

## S. UNIVERSITY DRIVE – PHASE I

Construction Budget.....	\$2.4 million
Funding - 2018 Bond Program.....	\$4 million

\* Funding in excess of construction budget is for right-of-way/easement acquisition, engineering, permitting, etc.

## Phase I Project Schedule

- Final Design .....Submitted May 2021
- Right of Way Acquisition.....Fall 2020 – Dec 2021
- Utility Clearance.....January 2021- Dec 2021
- Construction\* .....Spring 2022- Spring 2023

\* To minimize impact all major events to be taken into account when scheduling construction

## Phase I Public Outreach

- Three public meetings, including one dedicated to business/organization stakeholders only
  - Outreach area from Rosedale to Park Hill Dr. south of Colonial Parkway
- Presentation given to Fort Worth Zoo staff at 60% milestone

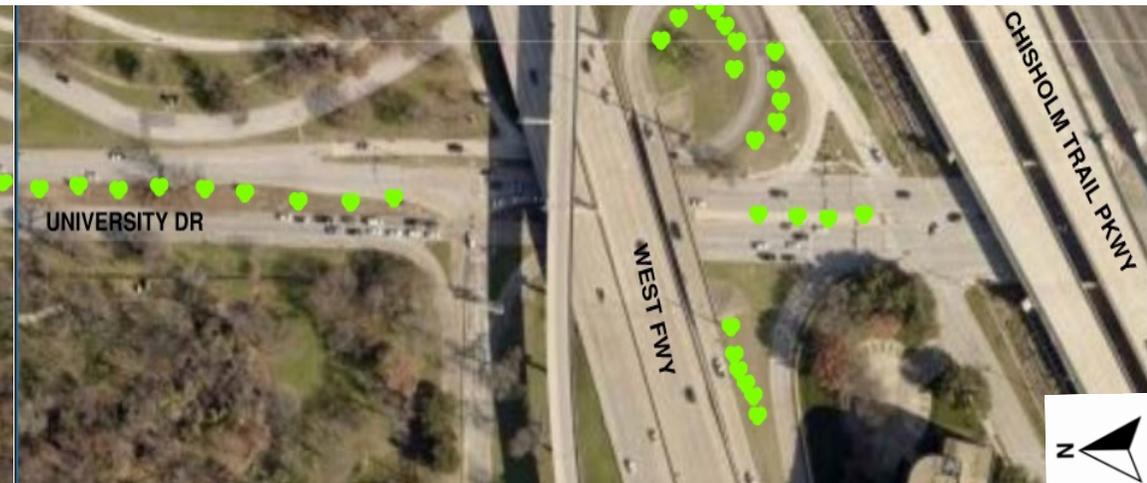
## University Dr Phase II – Trail Dr to W. Rosedale St



# University Drive – Phase II Proposed Improvements Schematic



- SIDEWALK IMPROVEMENTS
- MEDIAN IMPROVEMENTS
- LANDSCAPE



## Phase II Scope



5' wide sidewalk along the westside of University Drive,  
Trail Drive to Rock Springs Road



Incorporate aesthetic improvements in  
median and at crosswalks



Streetlights under the three  
bridges associated with the  
IH30 and Chisholm Trail  
interchanges

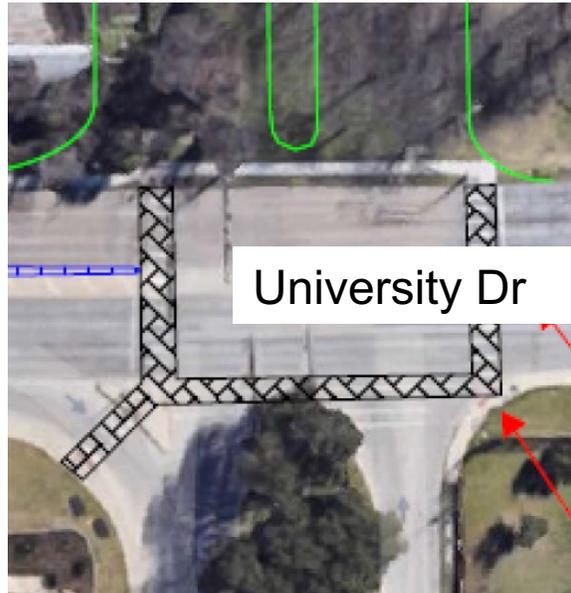


Improve bus stop facilities to make ADA  
compliant and facilitate installation of  
shelters by Trinity Metro from Trail Dr to  
Rock Springs Rd

# Phase II Scope - continued



Landscape and irrigation improvements between Rock Springs Road and •IH30



Crosswalk improvements at the intersection of Trail Dr. Signal and cross walks at Botanic Garden Boulevard and Rock Springs Road



Add roadway directional and wayfinding signage

# Project Cost \*

## UNIVERSITY DRIVE – PHASE II

Construction Budget.....	\$7 million
Total Funding – TXDOT.....	\$10.1 million

\* Funding in excess of construction budget is for right-of-way/easement acquisition, engineering, permitting, etc.

## Phase II Project Schedule

- AFA Execution..... Mar 2021 – Jul 2021
  - **M&C 21-0403 on June 8, 2021 Council Agenda**
- Selection of Design Consultant ..... Jul 2021 – Feb 2022
- Design..... Mar 2022 – Jan 2024
- Bid and award..... Nov 2024 – Oct 2025
- Construction..... Nov 2025

# QUESTIONS

