

Welcome

South Red Bud Lane Improvement Project

Public Open House

July 28, 2020 from 5 – 8 p.m.

Virtual Open House

Materials and opportunities for comment will be available online from

July 28 – August 17, 2020

www.tinyurl.com/redbudsouth



RED BUD LANE SOUTH
Improvement Project



Welcome to the Open House for the South Red Bud Lane Improvement Project. We appreciate you taking the time to view the details of this project and welcome you to contact our project team if you have any questions.

Project Overview

Project Limits

Red Bud Lane from Evergreen Drive to Gattis School Road (1.9 miles)

Project Timeline

- Preliminary design: 2019-2020
- Final design complete: 2021
- Construction: Estimated to begin in 2023

Project Funding

City funds have been designated for this project, however, the City may seek alternate funding from either state or federal sources for construction.

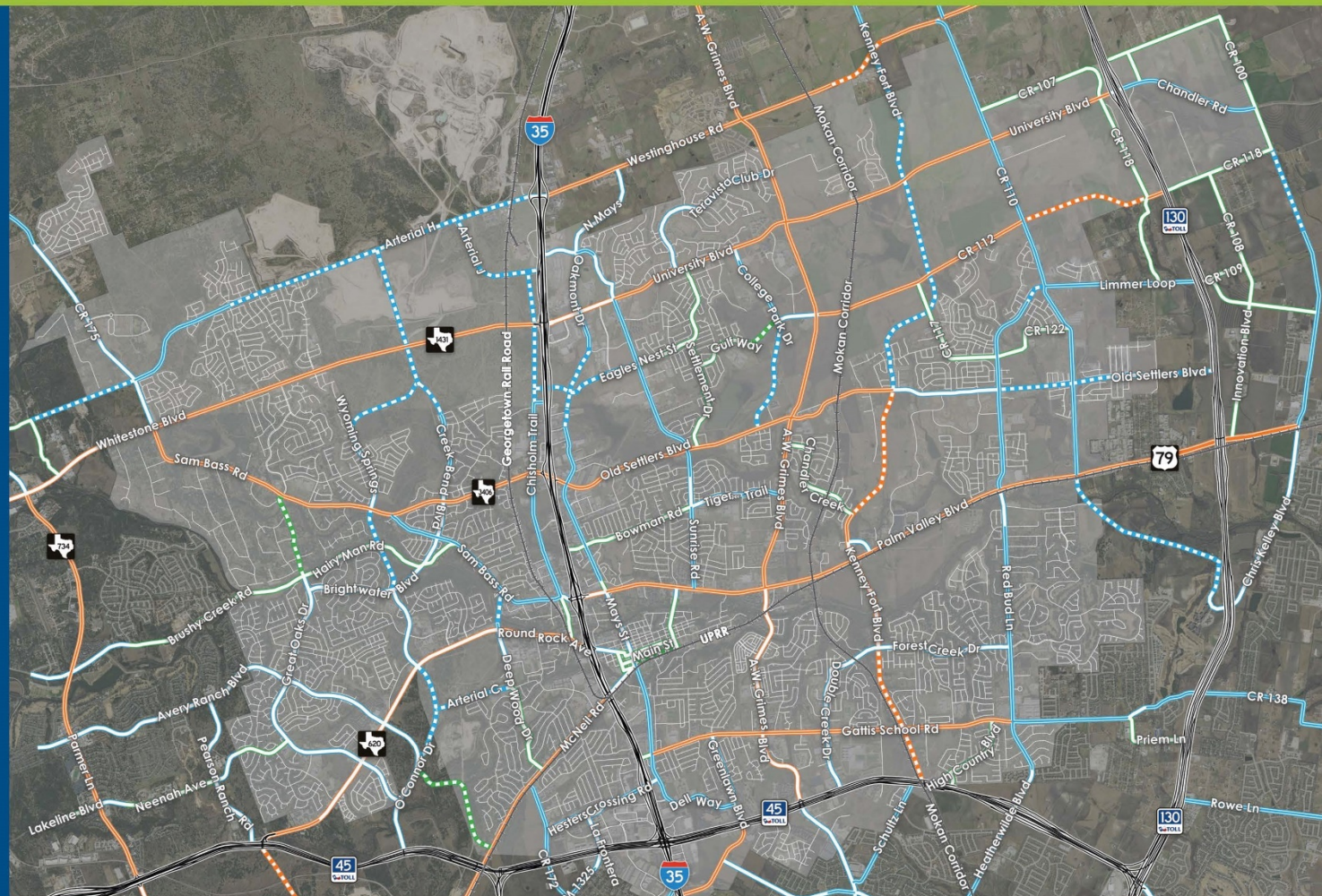


RED BUD LANE SOUTH
Improvement Project



The City of Round Rock has begun designing improvements to Red Bud Lane from Evergreen Drive to Gattis School to improve mobility through the corridor by adding capacity and providing improved access and safety for walking and biking.

Ultimate Roadway Network



Transportation Master Plan

www.roundrocktexas.gov/planupdate

LEGEND

- Freeway Facility**
- 6 Lane Facility**
 - Existing
 - Enhanced
 - Proposed
- 4 Lane Facility**
 - Existing
 - Enhanced
 - Proposed
- 2 Lane Facility**
 - Existing
 - Enhanced
 - Proposed
- MOKAN Corridor**
 - To be developed by others
- City Features**
 - Extraterritorial Jurisdiction (ETJ)



2017 UPDATE

This Thoroughfare Master Plan depicts existing roadways, proposed enhancements to existing roadways, and proposed roadways.

Final alignments of proposed roadways will be determined in cooperation with Williamson County and its Long Range Transportation Plan, and the subdivision platting process.



810 Hesters Crossing Rd., #120
Round Rock, TX 78681
512-904-3700 | www.hdrinc.com

The City of Round Rock is designing the South Red Bud Lane project as part of the Round Rock Transportation Master Plan (TMP). The TMP, which was most recently updated in 2017 identifies investments that are needed to address current and future transportation needs.

Existing Roadway Conditions

- Red Bud Lane is a 3-lane north/south arterial serving both local and through traffic
- Sidewalks are not continuous, and the roadway lacks bicycle facilities
- Stormwater is currently collected in open ditches
- Traffic volumes at some locations are near capacity and are expected to exceed capacity as soon as 2025

Current Roadway Configuration



Current and Projected Daily Traffic Volumes

| Year | Evergreen Dr. to Forest Creek Dr. | Forest Creek Dr. to Gattis School Rd. |
|------|-----------------------------------|---------------------------------------|
| 2019 | 15,152 | 18,586 |
| 2025 | 18,092 | 22,193 |
| 2030 | 20,974 | 25,727 |
| 2035 | 24,315 | 29,825 |
| 2040 | 28,187 | 34,575 |
| 2045 | 32,677 | 40,082 |



RED BUD LANE SOUTH Improvement Project



Over the last 25 years, development along the entire Red Bud Lane corridor from northern Round Rock and south into Travis County where it becomes Heatherwilde Blvd. has continued to put demand on the roadway. With growth in the region not expected to slow, demand is expected to continue. Typically, a two-lane road can handle between 15,000-20,000 vehicles per day. Traffic counts conducted in November 2019 indicate that in certain locations along Red Bud Lane, volumes are near or at capacity and volume projections indicate the amount of traffic will exceed these limits in just a few years.

Project Goals

As Round Rock continues to grow, the City is committed to providing safe travel, reducing time spent in traffic, and improving mobility for all types of transportation. The City has established the following goals for this project:

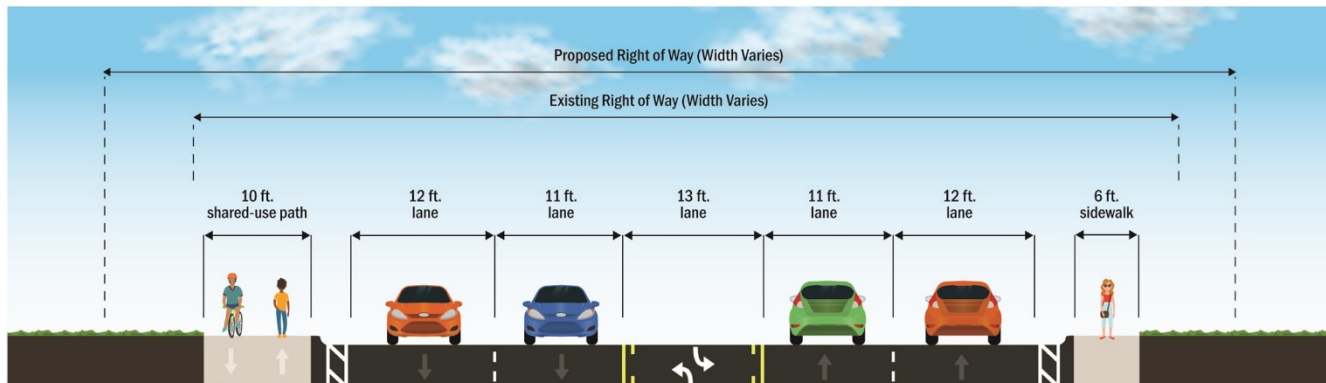
- Increase safety for turning traffic
- Improve accessibility for local traffic
- Improve mobility for pedestrians and bicycles
- Provide adequate capacity for increasing traffic volumes
- Upgrade drainage infrastructure
- Minimize additional right of way needs
- Evaluate potential impacts to the community and environment
- Engage the community in the process



Proposed Improvements

- Widen Red Bud Lane from two to four travel lanes with a continuous left turn lane
- Construct a closed storm drain with curbs and gutters
- Construct a shared-use path for pedestrians and bicycles on the west side of Red Bud Lane
- Construct sidewalks on the east side of Red Bud Lane

Proposed Roadway Configuration



RED BUD LANE SOUTH
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Community and Environmental Considerations

The design process includes evaluating potential impacts to the community and natural environment. The design team and the City are developing this project with many considerations in mind:

- Reducing the project footprint to minimize impacts to trees and vegetation and the need for additional right of way.
- Incorporating noise reduction design including lowering the roadway profile, using lower design speeds to keep traffic slower, using small aggregate pavement to mitigate tire noise.
- Evaluating impacts to wildlife and endangered species. No impacts to endangered species are anticipated. No new substantial impacts to wildlife populations are anticipated.



Vegetation



Water Resources
& Drainage



Cultural
Resources



Traffic Noise



Community Impacts



Wildlife



Comments & Questions

Mail: South Red Bud Lane Project
c/o CD&P
PO Box 5459
Austin, TX 78763

Online Comments:
Submit a comment form
or leave a comment on
the design schematic



Email: comments@cdandp.com

Please share your comments by August 17, 2020.

Website: www.tinyurl.com/redbudsouth

Project Manager: Dawn Scheel, (512) 218-6603



SOUTH RED BUD LANE
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