

# Williamson County Citizens Bond Committee

## Cedar Park Candidate Projects

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Randall Lueders, PE

Cedar Park Director of Engineering & Capital Projects

May 31, 2023

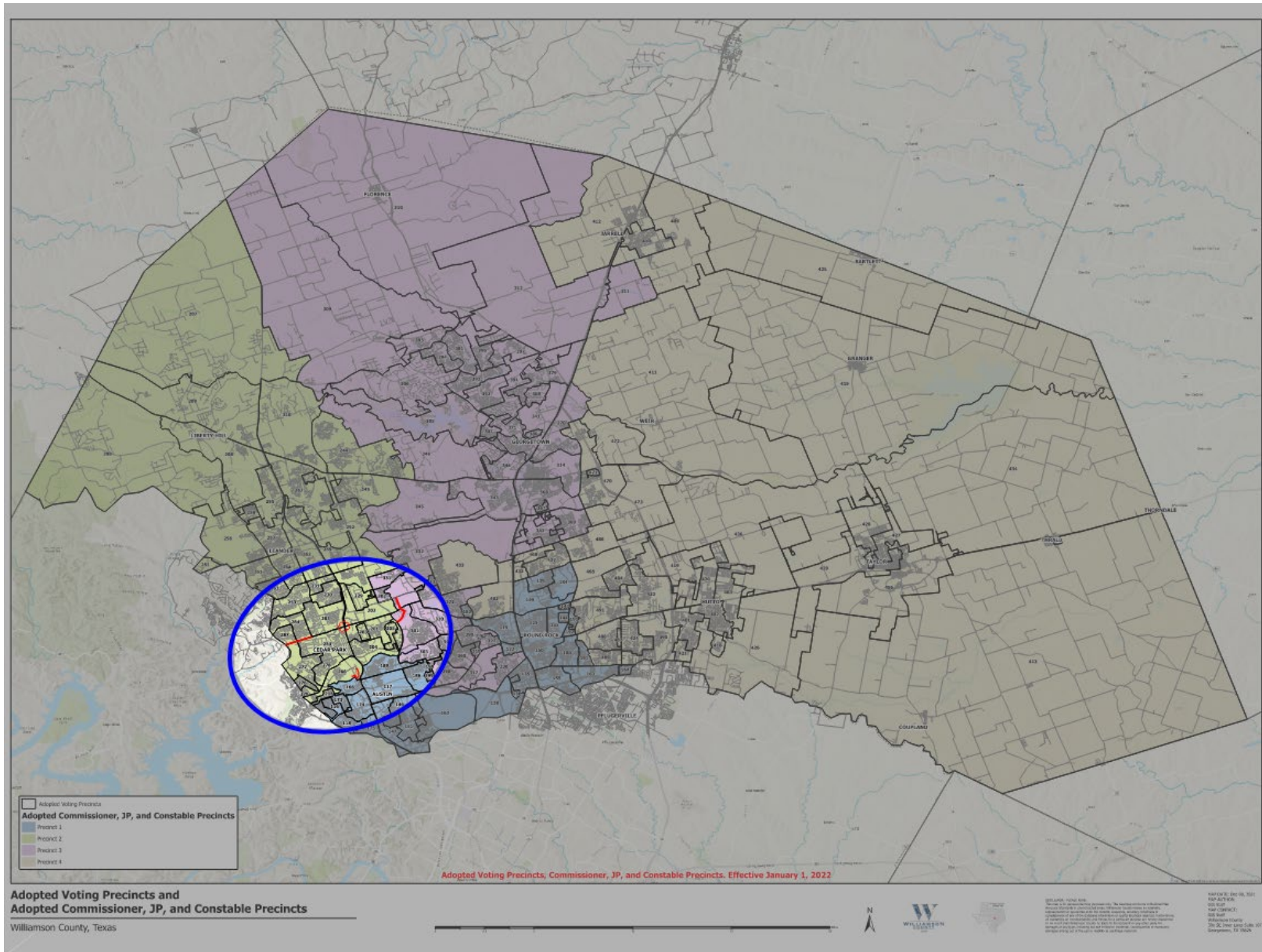


# Project Selection Considerations

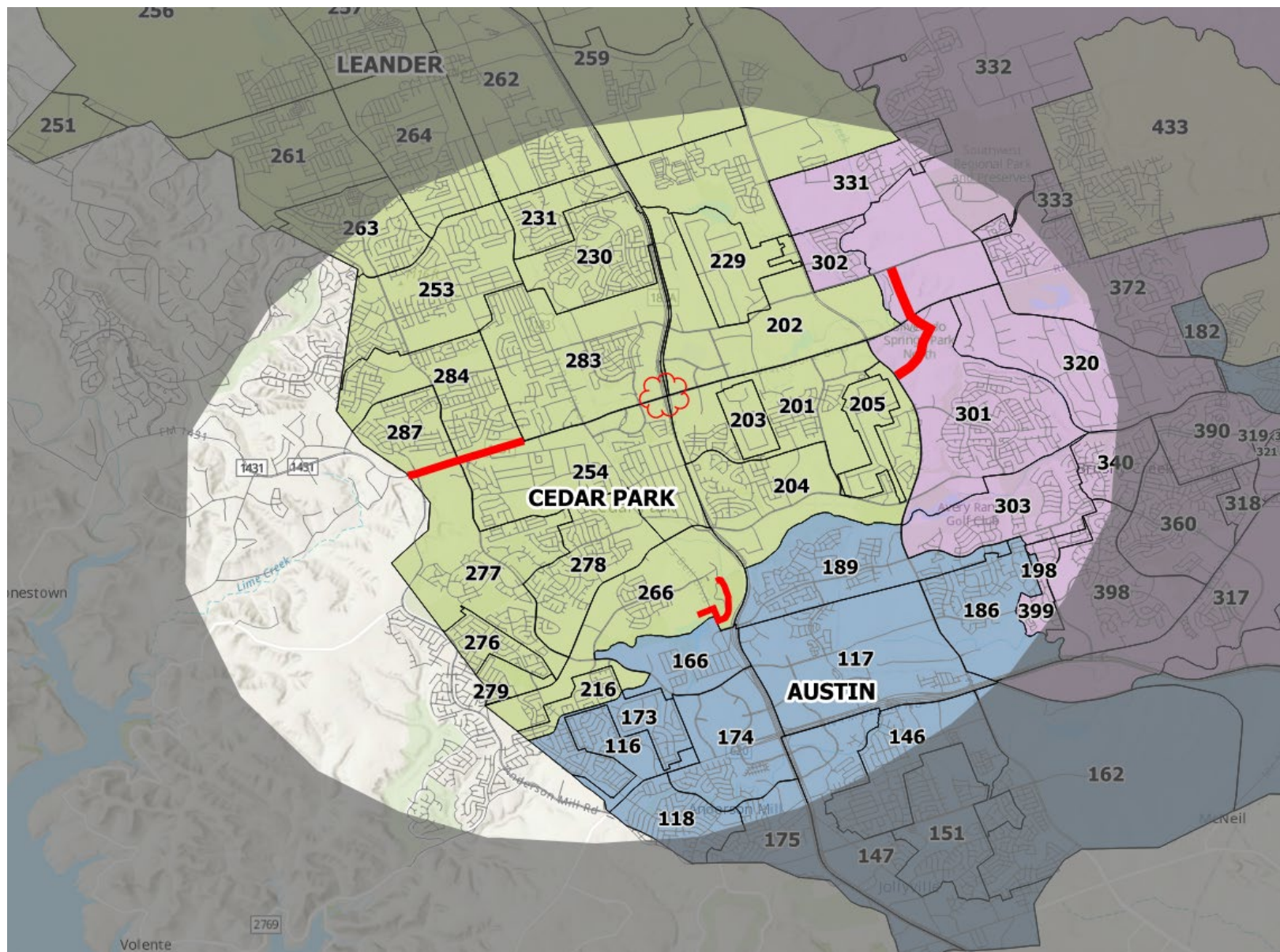
- Master Plan Alignment
  - Cedar Park Mobility Master Plan
    - Roadway Plan
    - Trails Plan
  - Williamson County Plans
    - Long-Range Transportation Plan
    - Comprehensive Parks Master Plan
- Local Cost Participation
  - 50/50 funding split
  - 2020 Interlocal Agreement (Wilco/City)



After









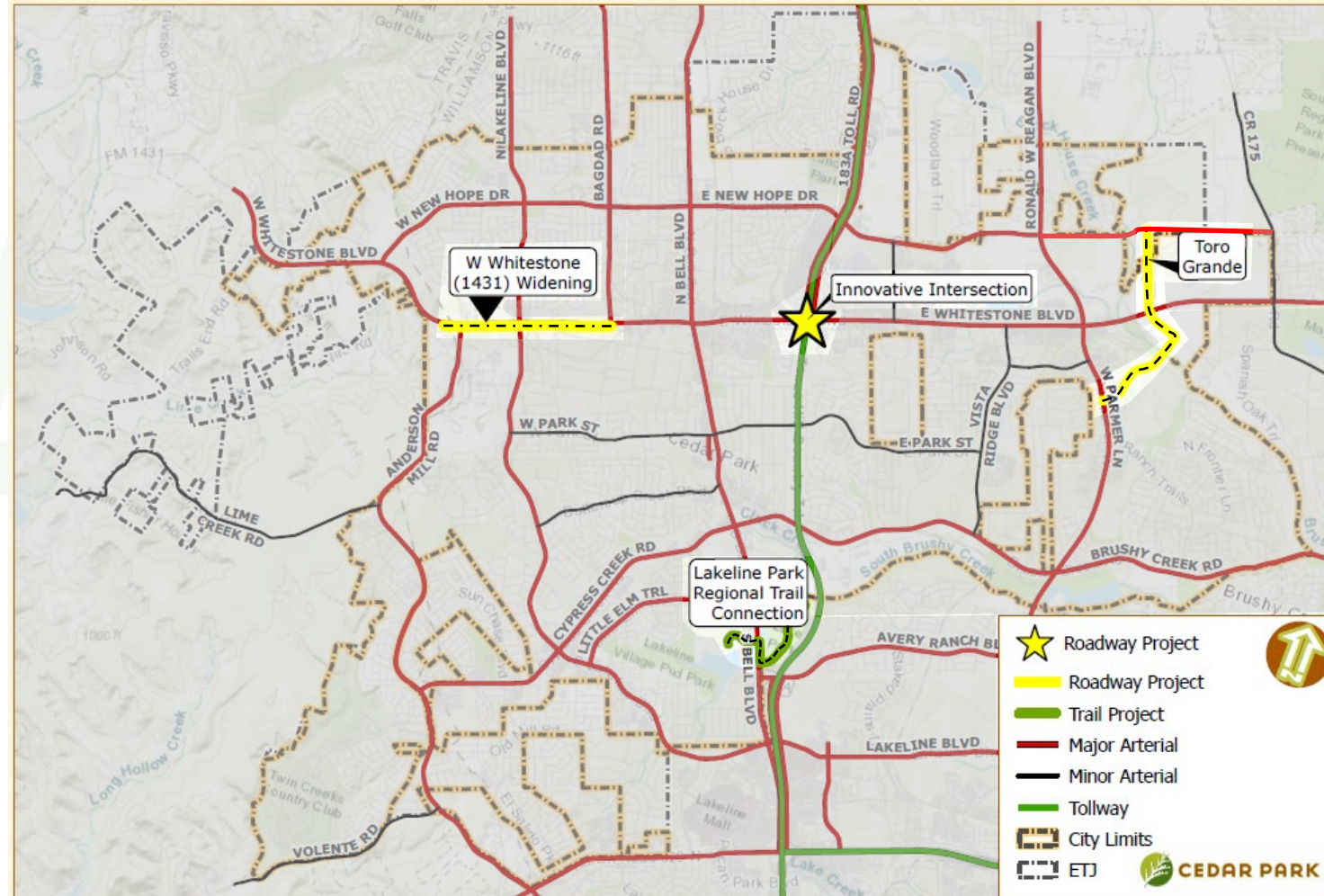
# Proposed Cedar Park Projects

## Roadway

1. 183A/RM 1431 Innovative Intersection
2. Toro Grande Extension
3. Whitestone Widening

## Regional Trail Connection

1. Lakeline Park Regional Trail Connection

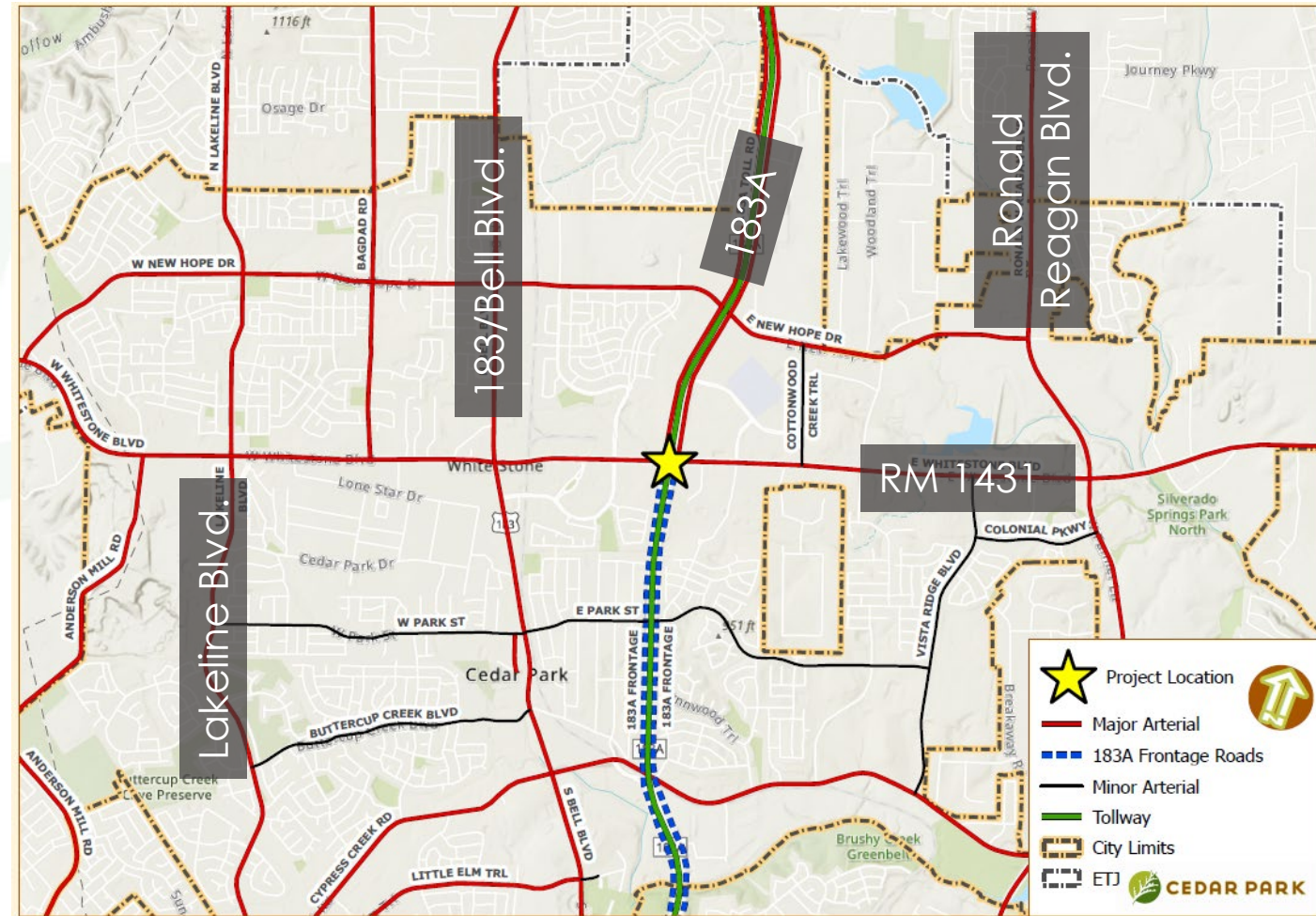


# Roadway Projects



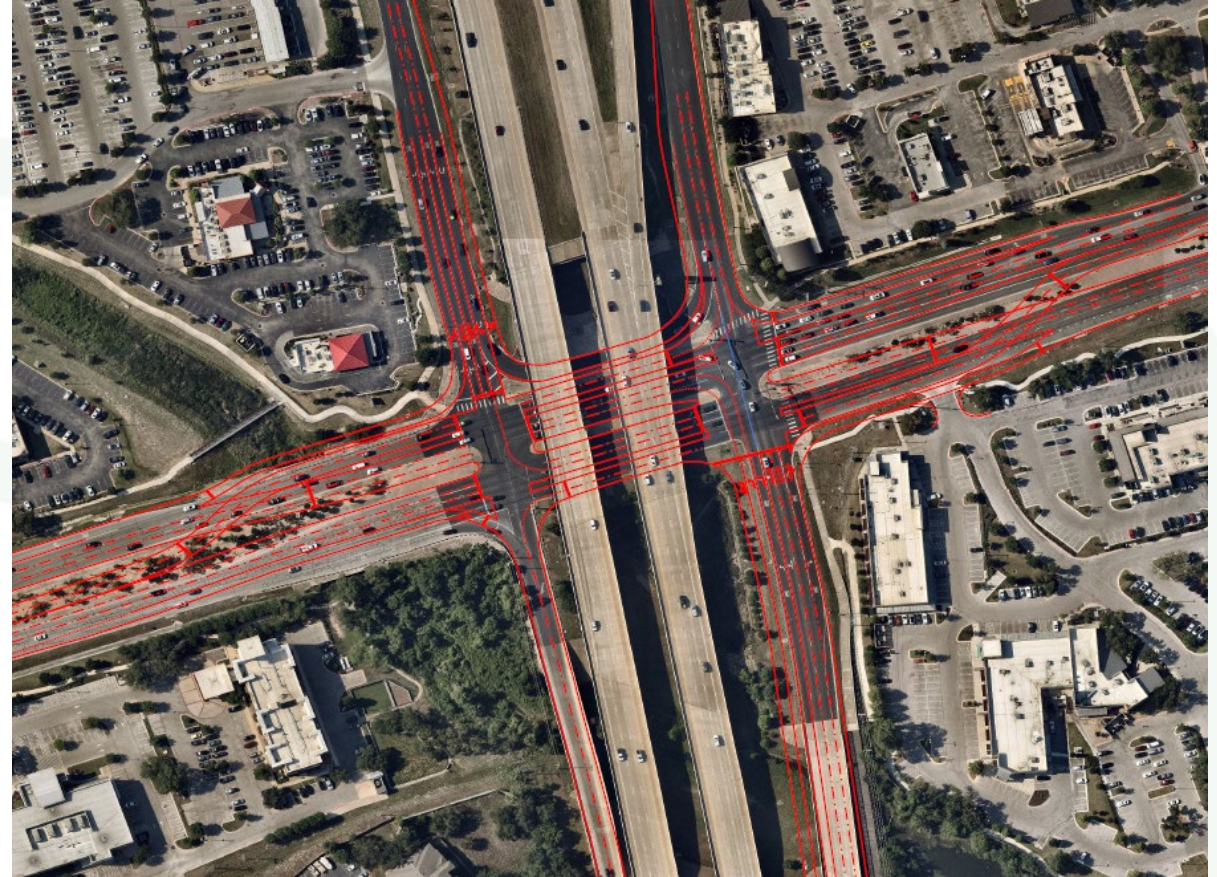
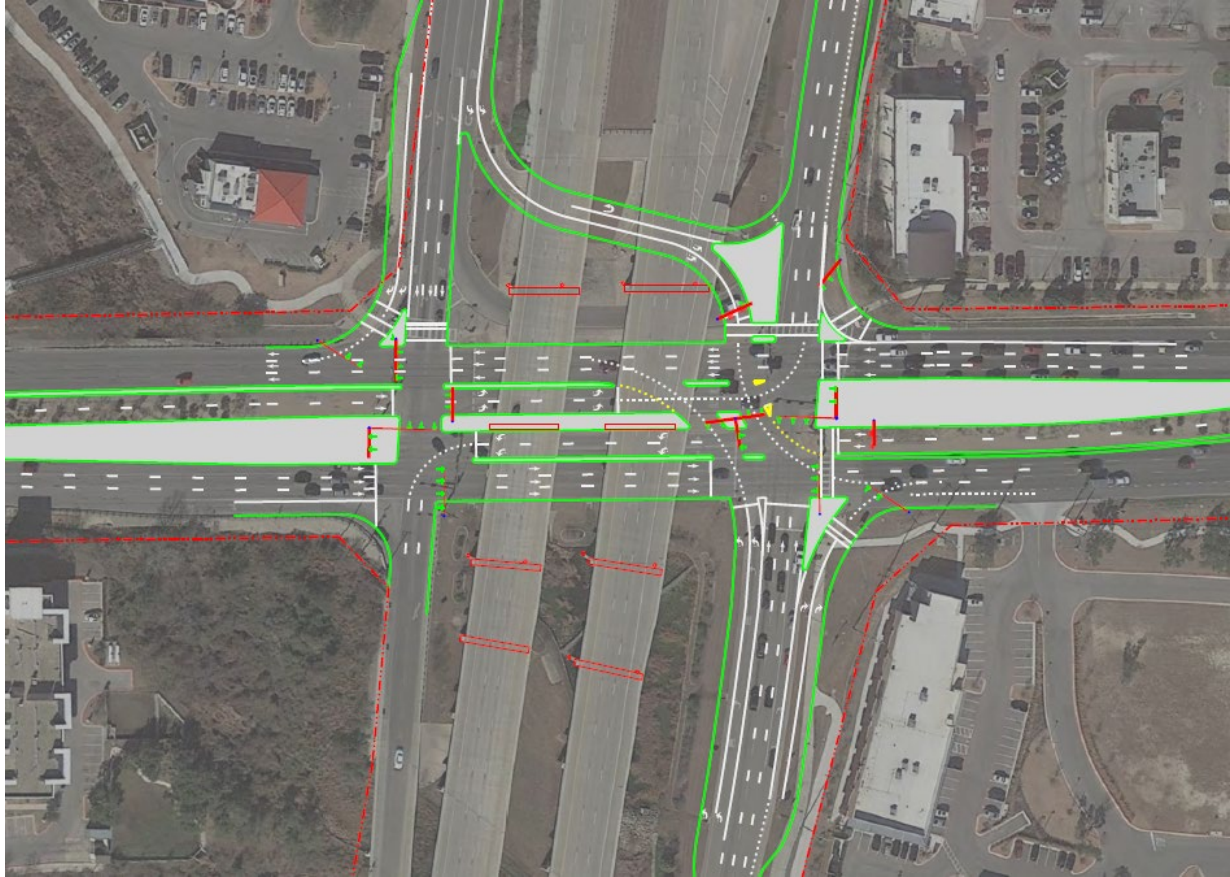
# 183A/RM 1431 Innovative Intersection

- Increased traffic flow at over-capacity intersection
- 183A Frontage Road Project
- TxDOT/CTRMA Coordination
- County LRTP Bottleneck Project





# 183A/RM 1431 Innovative Intersection

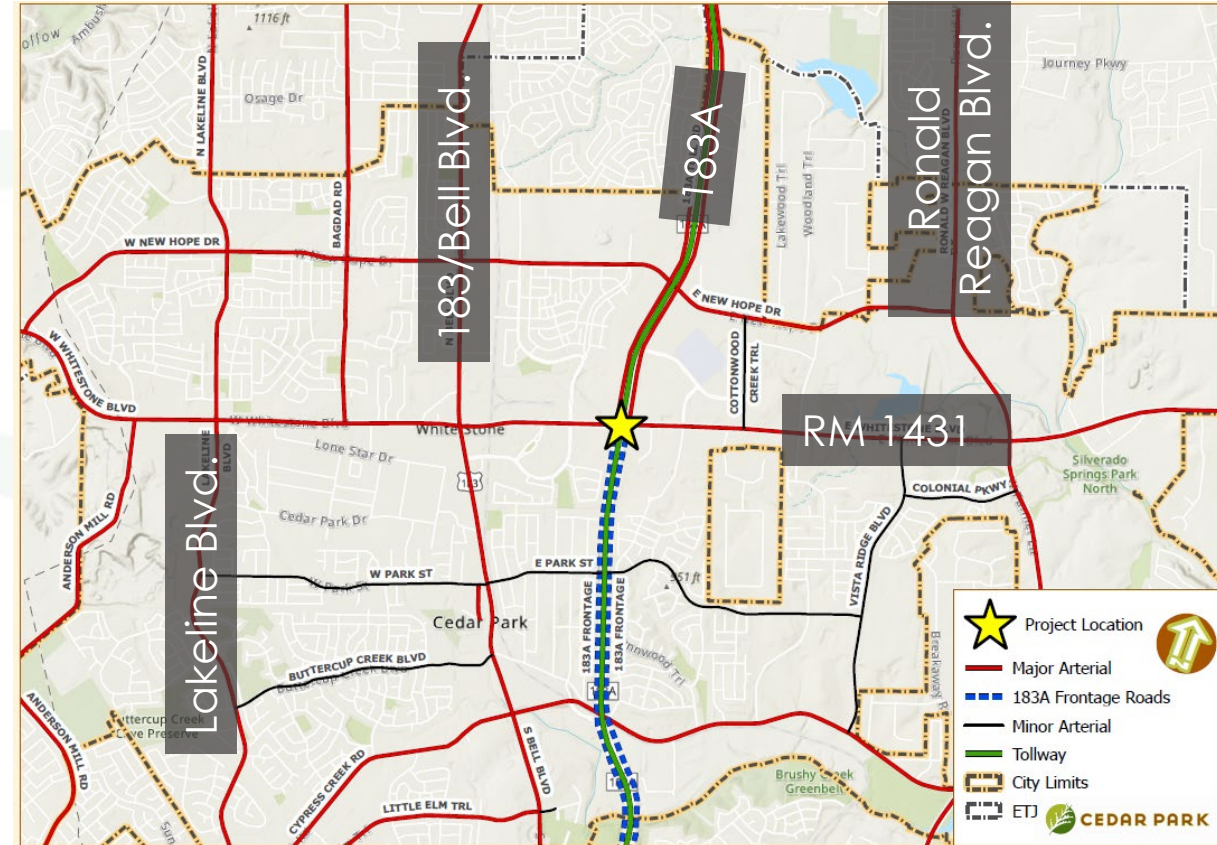




# 183A/RM 1431 Innovative Intersection

- ✓ Regional Impact
- ✓ County LRTP – Bottleneck Project
- ✓ Local Cost Participation
- ✓ Anticipated Completion: 2026

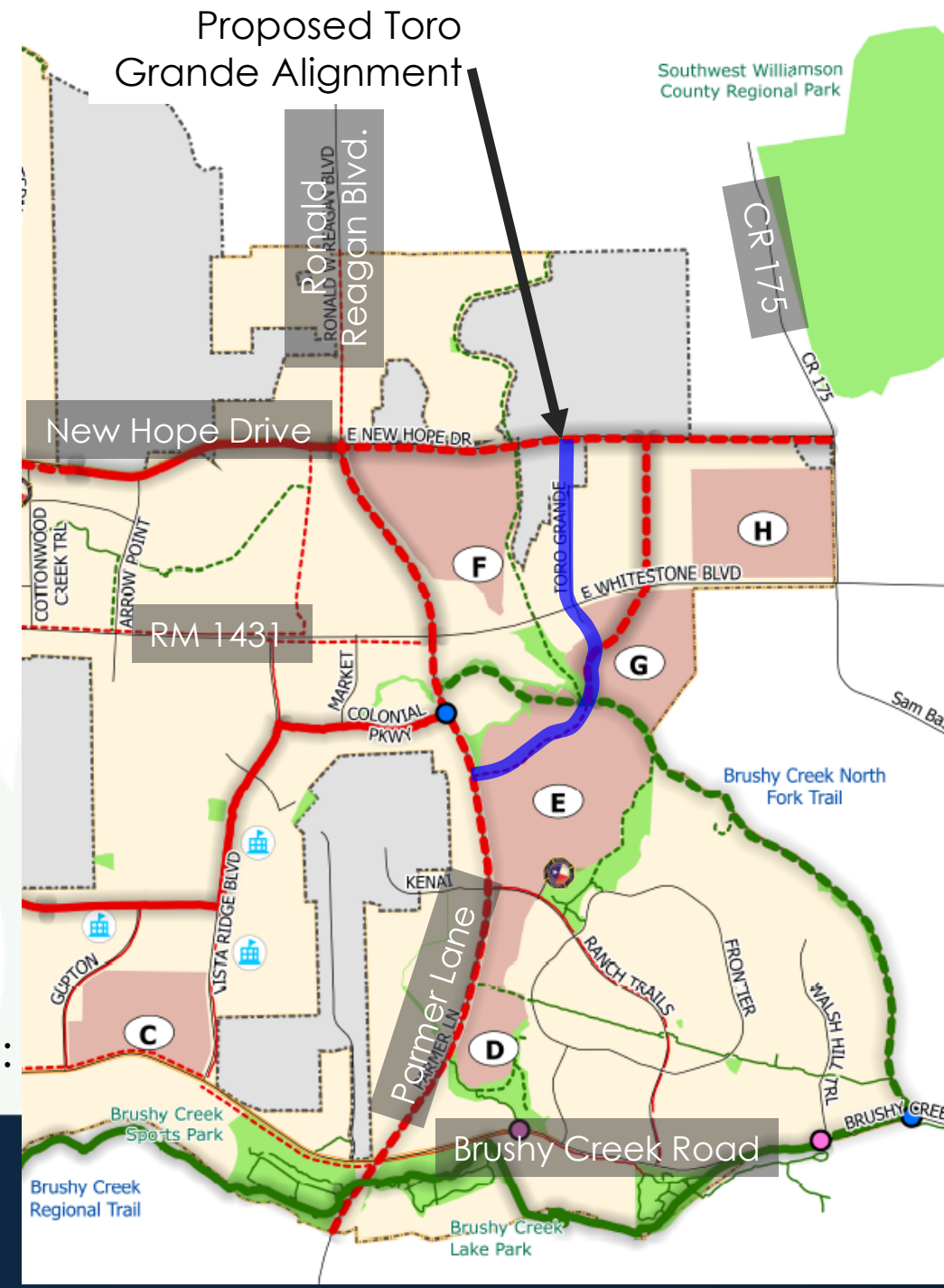
Estimated Total Project Cost	\$ 14,310,000
Local Participation	50%
City Share	\$ 7,155,000
County Share	\$ 7,155,000



# Toro Grande Extension

- Parmer Lane to New Hope Drive
- Trail/Shared Use Path Connections
- 2020 Wilco ILA
- Development Agreement with Landowner
- Design underway

Excerpt from Draft Trails Master Plan:

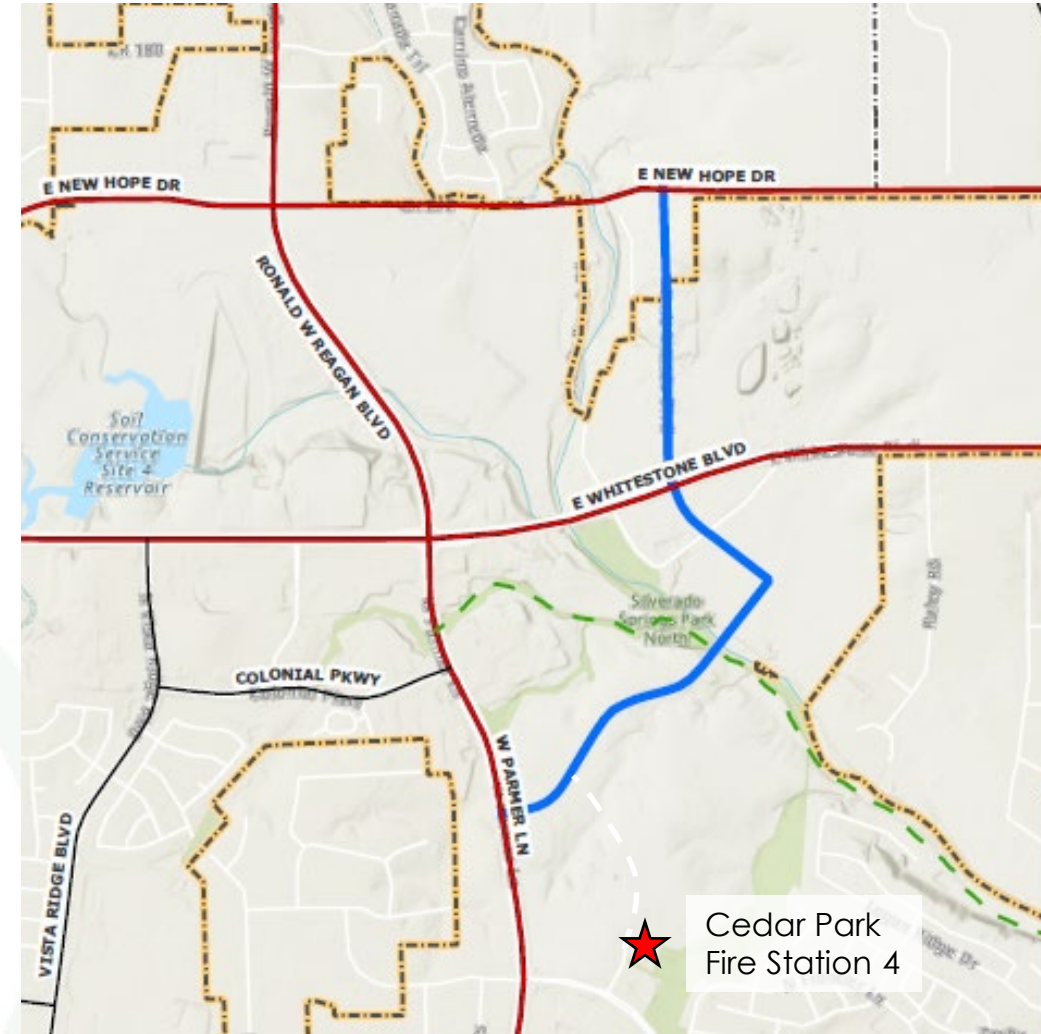




# Toro Grande Extension

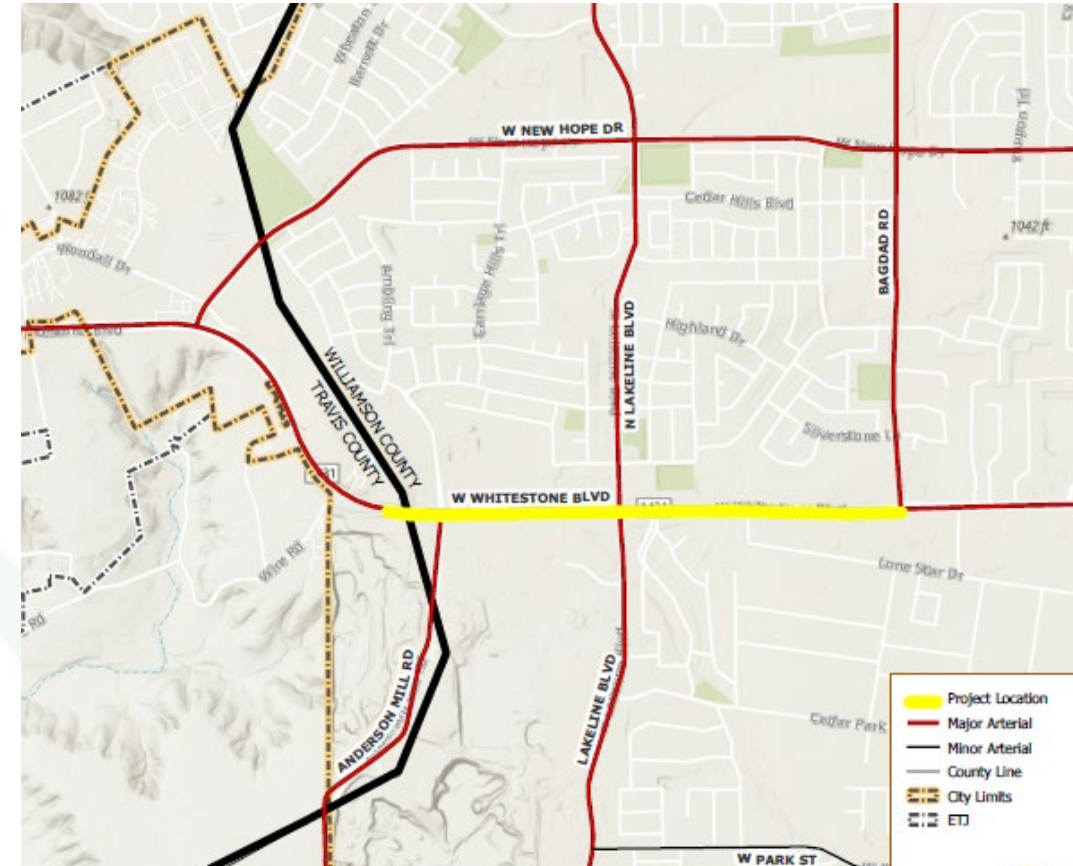
- ✓ Regional impact
- ✓ Trail/Shared Use Path connectivity
- ✓ Design underway, ROW obtained
- ✓ Local cost participation
- ✓ Anticipated Completion: 2025

Estimated Total Project Cost	\$ 32,200,000
Previous 2020 Wilco/City ILA Funding	\$ 12,000,000
Required Funding	\$ 20,200,000
Local Participation	50%
City Share	\$ 10,100,000
County Share	\$ 10,100,000



# RM 1431 /Whitestone Blvd Widening

- 6-lane extension between Bagdad Road and Anderson Mill Road
- 2020 Wilco ILA
- Design, Environmental, ROW acquisition underway
- Williamson County portion only
- Construction funding
- Local match of a future federal funding grant





# RM 1431 /Whitestone Blvd Widening

2045 REGIONAL TRANSPORTATION PLAN

51-00045-00	TRAVIS	CITY OF AUSTIN	WEST WILLIAM CANNON DRIVE	WIDEN 4-LANE DIVIDED TO A 6-LANE DIVIDED WITH PEDESTRIAN/BICYCLE AND TRANSIT IMPROVEMENTS	BRODIE LANE	MENCHACA ROAD		2027	\$20,648,286
51-00221-00	TRAVIS	CITY OF AUSTIN	WILLIAM CANNON	CONVERT EXISTING TWO-LANE TO FOUR-LANE DIVIDED ROADWAY WITH SHARED USE PATH AND INTERSECTION IMPROVEMENTS	RUNNING WATER DRIVE	MCKINNEY FALLS PKWY		2023	\$22,811,500
61-00093-00	WILLIAMSON	WILLIAMSON COUNTY	RM 1431 (WHITESTONE BOULEVARD)	WIDEN TO 6-LANE DIVIDED	PARMER LANE / RONALD REAGAN BOULEVARD	IH 35		2040	\$226,520,000
61-00184-00	WILLIAMSON	WILLIAMSON COUNTY/ CITY OF CEDAR PARK	RM 1431 (WHITESTONE BOULEVARD)	WIDEN 4-LANE UNDIVIDED WITH CONTINUOUS LEFT TURN LANE TO 6-LANE DIVIDED	WILLIAMSON / TRAVIS COUNTY LINE	BAGDAD ROAD		2023	\$19,340,000
41-00107-00	HAYS	HAYS COUNTY	WINTERS MILL PKWY	WIDEN FROM 2 TO 4-LANE UNDIVIDED	RM 12	RM 3237		2025	\$3,900,000
41-00030-00	HAYS	CITY OF SAN MARCOS	RM 12 (WONDER WORLD DRIVE)	RECONSTRUCT 4-LANE WITH CONTINUOUS LEFT TURN LANE TO 4-LANE DIVIDED BOULEVARD WITH ON-STREET PARKING AND PEDESTRIAN/BICYCLE IMPROVEMENTS	FM 2439 (HUNTER RD)	STAGECOACH TRAIL		2026	\$7,300,000
41-00031-00	HAYS	CITY OF SAN MARCOS	RM 12 (WONDER WORLD DRIVE)	RECONSTRUCT 4-LANE WITH CONTINUOUS LEFT TURN LANE TO 4-LANE DIVIDED BOULEVARD WITH ON-STREET PARKING AND PEDESTRIAN/BICYCLE IMPROVEMENTS	STAGECOACH TRAIL	SH 123		2030	\$36,000,000

ES-5 Williamson County Long-Range Projects by Precinct

Excerpt from CAMPO 2045 Regional Transportation Plan

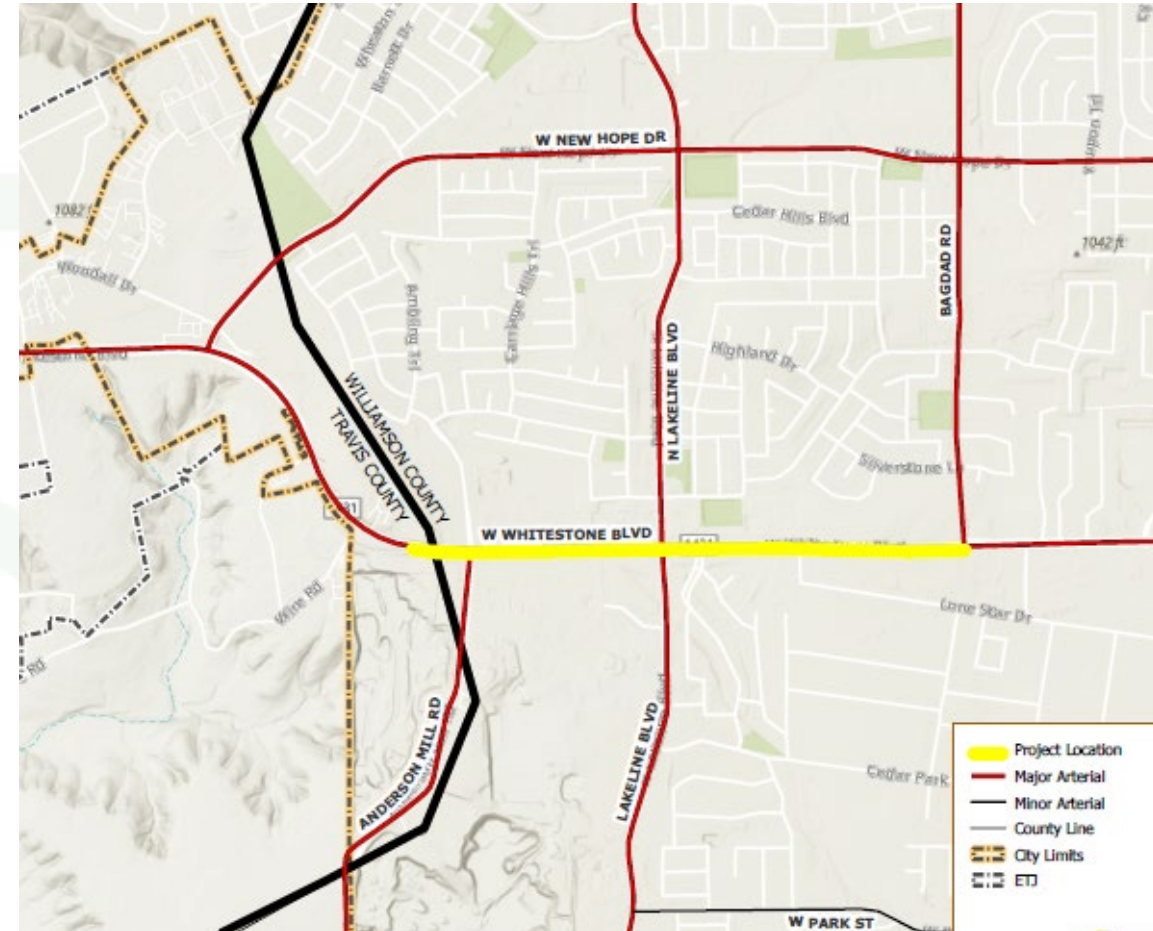
Excerpt from Wilco Long Range Transportation Plan (LRTP)

Precinct 2 Long-Range Plan Projects				
Roadway Name	Project Limits	Project Description	Jurisdiction	Length (mile)
Ranch Trails	Riley Trail - Brushy Creek Rd.	Extend 2 lanes with a median to Brushy Creek Rd.	CEDAR PARK	0.8
Hero Way	183A - Ronald W. Reagan Blvd.	Widen 2 lanes to 4 lanes with median	LEANDER	1.8
RM 1431	Anderson Mill Rd. - Bagdad Rd.	Widen from 4 lanes to 6 lanes with median	TXDOT / CEDAR PARK	1.1
RM 1431	Cottonwood Creek Trail - Parmer Ln./ Ronald W. Reagan Blvd.	Widen from four lanes with median to 6 lanes with median	TXDOT / CEDAR PARK	1.6

# RM 1431/Whitestone Blvd Widening

- ✓ Regional impact
- ✓ Design, Environmental, ROW acquisition underway
- ✓ Construction funding for limits within Williamson County
- ✓ Federal and Local cost participation
- ✓ Anticipated Completion: TBD

Estimated Total Project Cost	\$ 17,600,000
Assumed Federal Funding (80%)	\$ 14,080,000
Assumed Local Match Requirement (20%)	\$ 3,520,000
Required Funding	\$ 3,520,000
Local Participation	50%
City Share	\$ 1,760,000
County Share	\$ 1,760,000



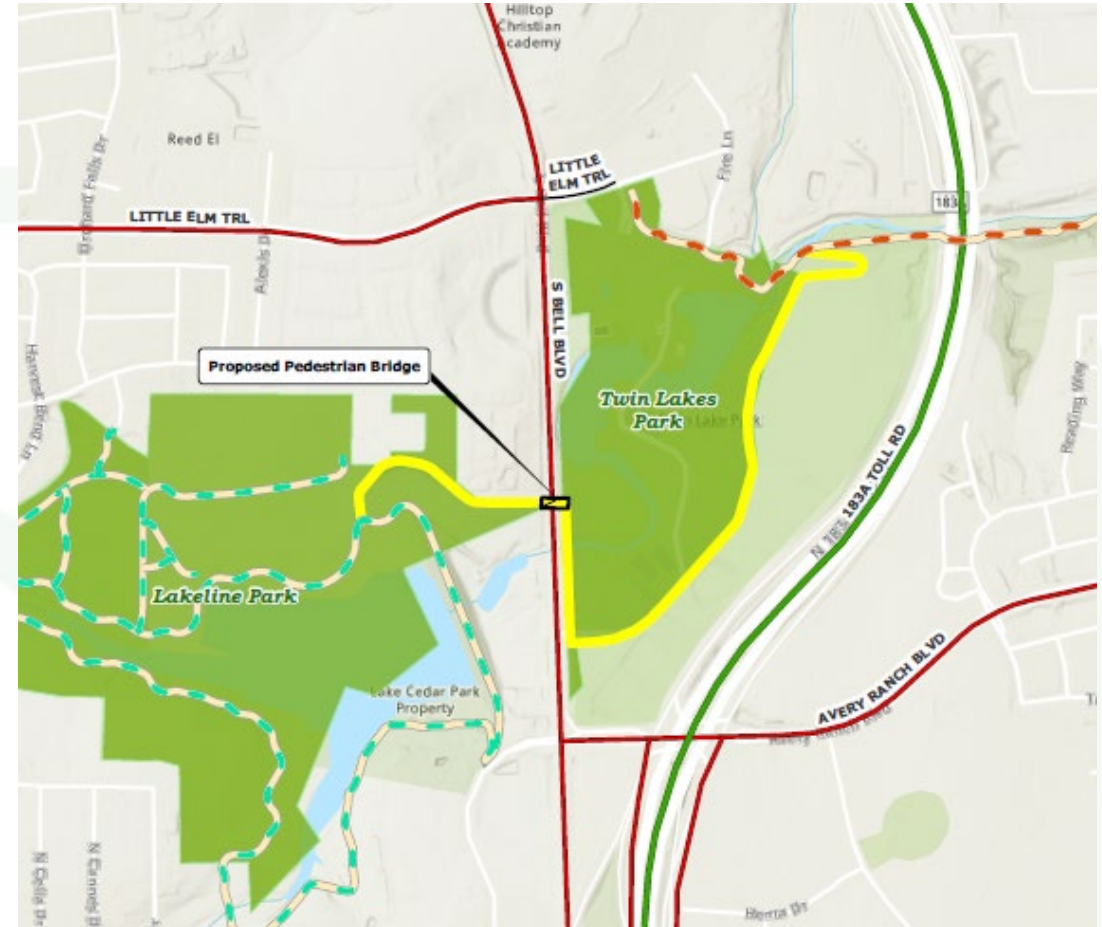


# Trail Project



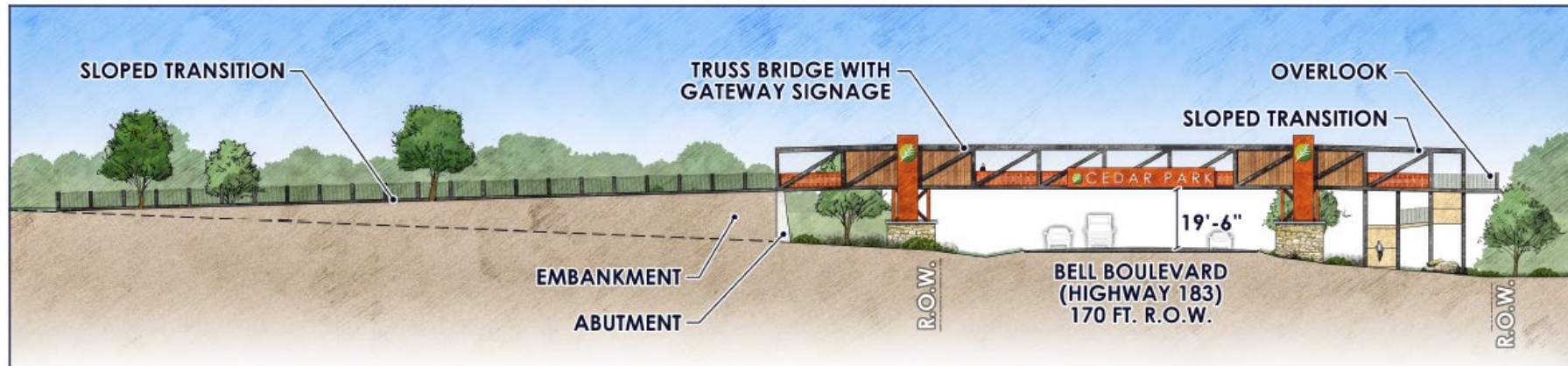
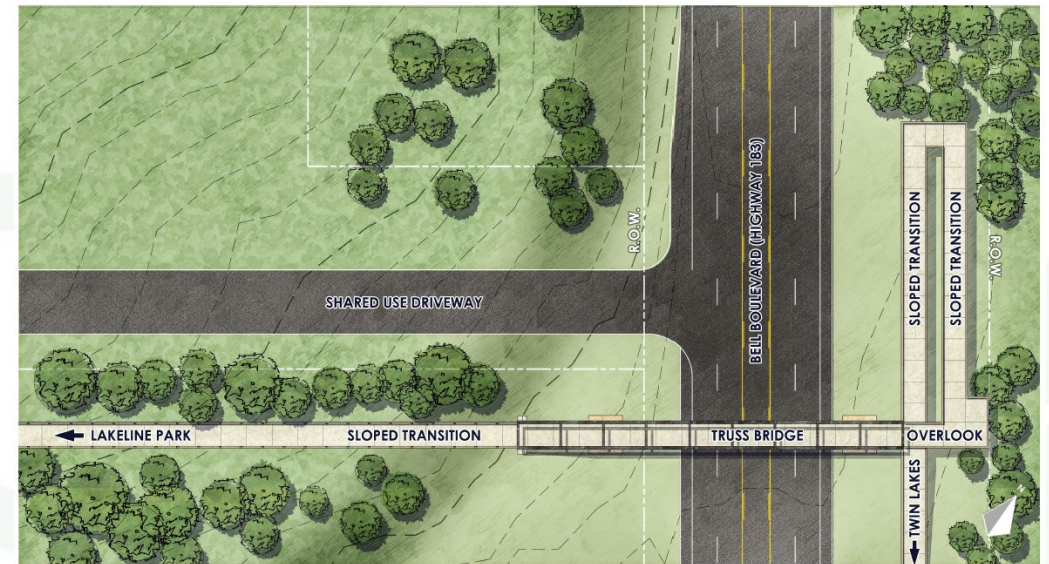
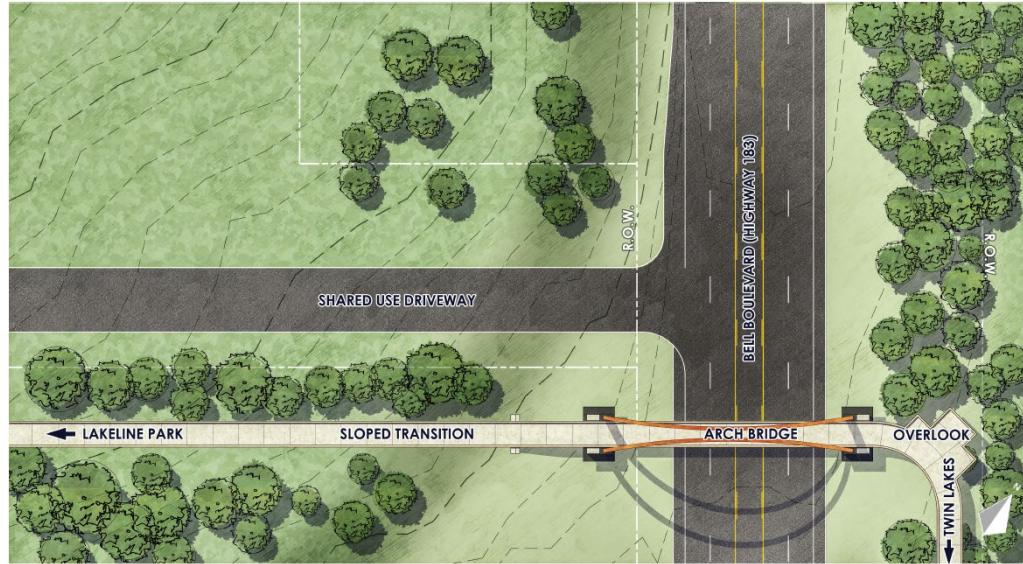
# Lakeline Park Regional Trail Connection

- Trail connecting Brushy Creek Regional Trail and Twin Lakes Park to Lakeline Park
- Lakeline Park open
- 2020 Wilco ILA
- Feasibility study completed
- Pedestrian Bridge over 183/Bell Blvd





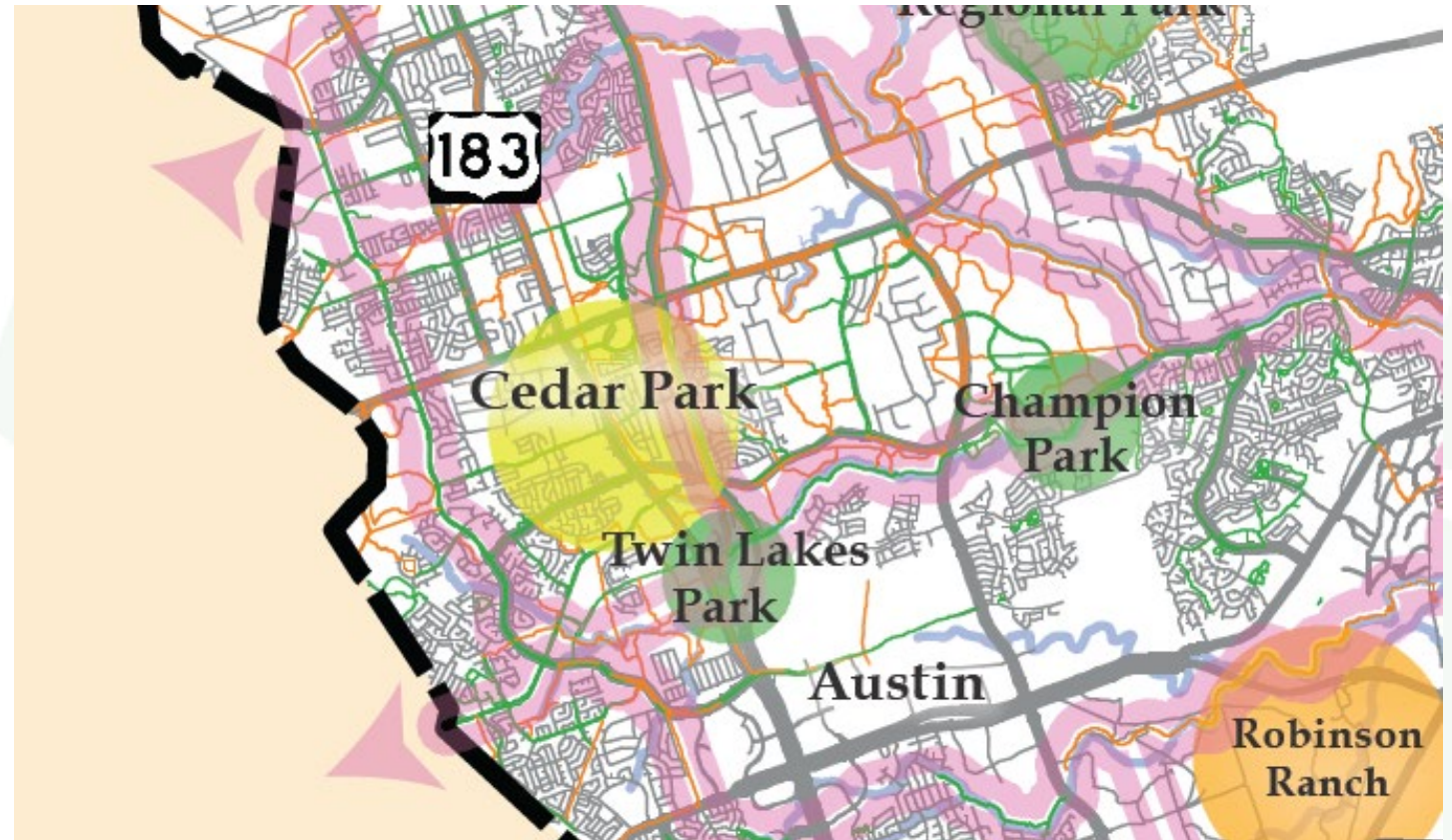
# Lakeline Park Regional Trail Connection





# Lakeline Park Regional Trail Connection

Excerpt from Williamson County  
Comprehensive Parks Master Plan  
Map 4.1, Proposed Trail Plan

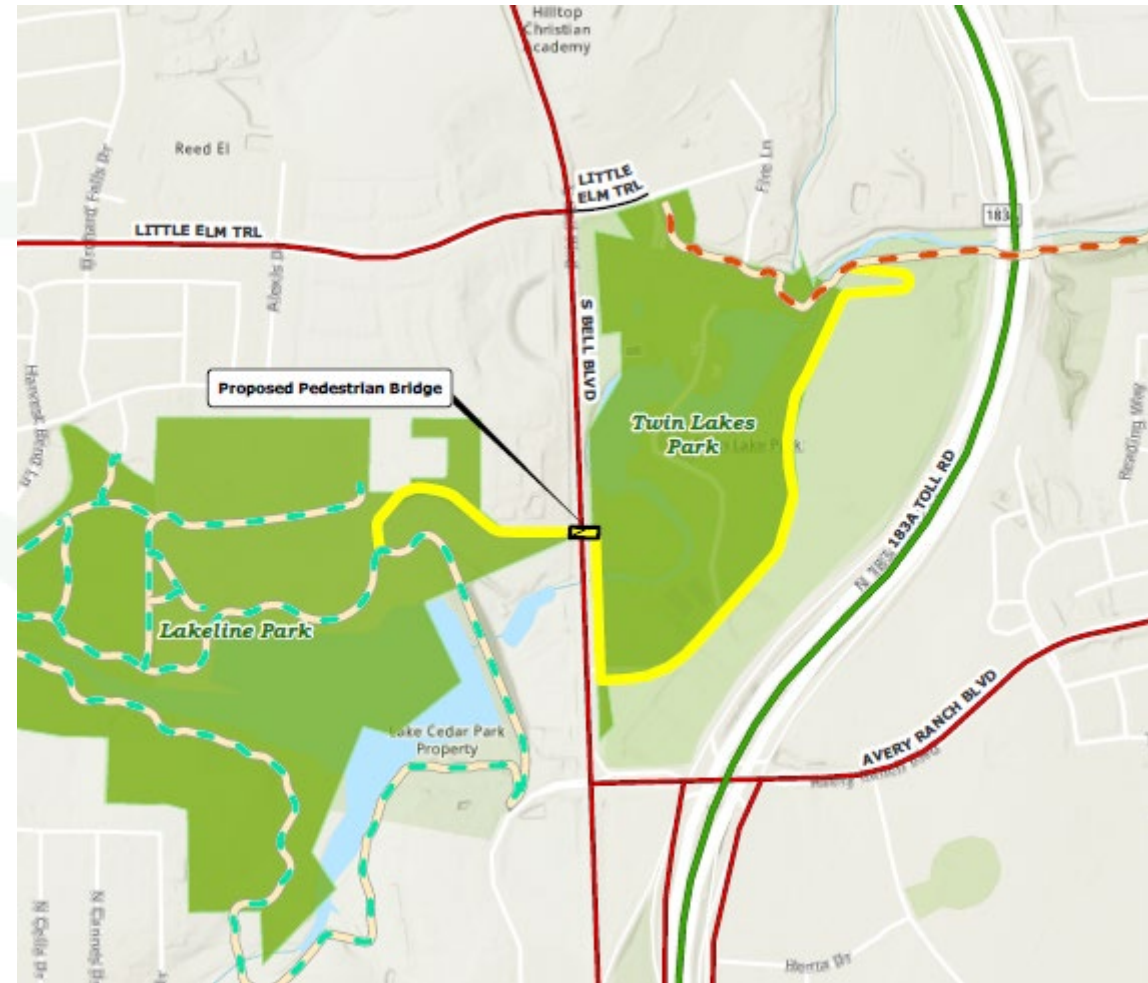




# Lakeline Park Regional Trail Connection

- ✓ Regional impact
- ✓ Extends Brushy Creek Regional Trail
- ✓ Aligns with Comprehensive Parks Master Plan
- ✓ Local cost participation
- ✓ Anticipated Completion: 2026

Estimated Total Project Cost	\$ 7,500,000
Previous 2020 Wilco/City ILA Funding	\$ 4,000,000
Required Funding	\$ 3,500,000
Local Participation	50%
City Share	\$ 1,750,000
County Share	\$ 1,750,000



# Project Summary

Priority Rank	Type	Precinct	Project Name	Required New Funding	Cedar Park Funding Commitment	2023 Williamson County Funding Request	Construction Start
1	Roadway	2	183A/RM 1431 Innovative Intersection	\$ 14,310,000	\$ 7,155,000	\$ 7,155,000	2025
2	Roadway	3	Toro Grande Extension	\$ 20,200,000	\$ 10,100,000	\$ 10,100,000	2024
3	Roadway	2	RM 1431/Whitestone Blvd Widening	\$ 3,520,000	\$ 1,760,000	\$ 1,760,000	TBD
1	Trails	2	Lakeline Park Regional Trail Connection	\$ 3,500,000	\$ 1,750,000	\$ 1,750,000	2025