



TRANSPORTATION PUBLIC WORKS

Williamson County bond projects for consideration

City of Austin TWP Staff | 05.10.2023



City of Austin Nominations

Name	Cost Estimate	Cost share from Austin	Cost share from Williamson Co.	% Share of Project Cost Requested
McNeil Road Shared Use Path*	\$3,580,000	Cash: \$700,000 In-kind: \$660,000	\$2,220,000	62.0%
Red Line Trail Brushy Creek to SH 45 PER	\$1,100,000	\$275,000	\$825,000	75.0%
Safe Routes to Schools - Elsa England & Pearson Ranch MS	\$470,000	\$100,000	\$370,000	78.7%

*Note Mc Neil Road Project spans Williamson County and Travis County. For just Williamson County portion the project share requested is 74% (\$2.2M of \$3.02M cost for that segment)

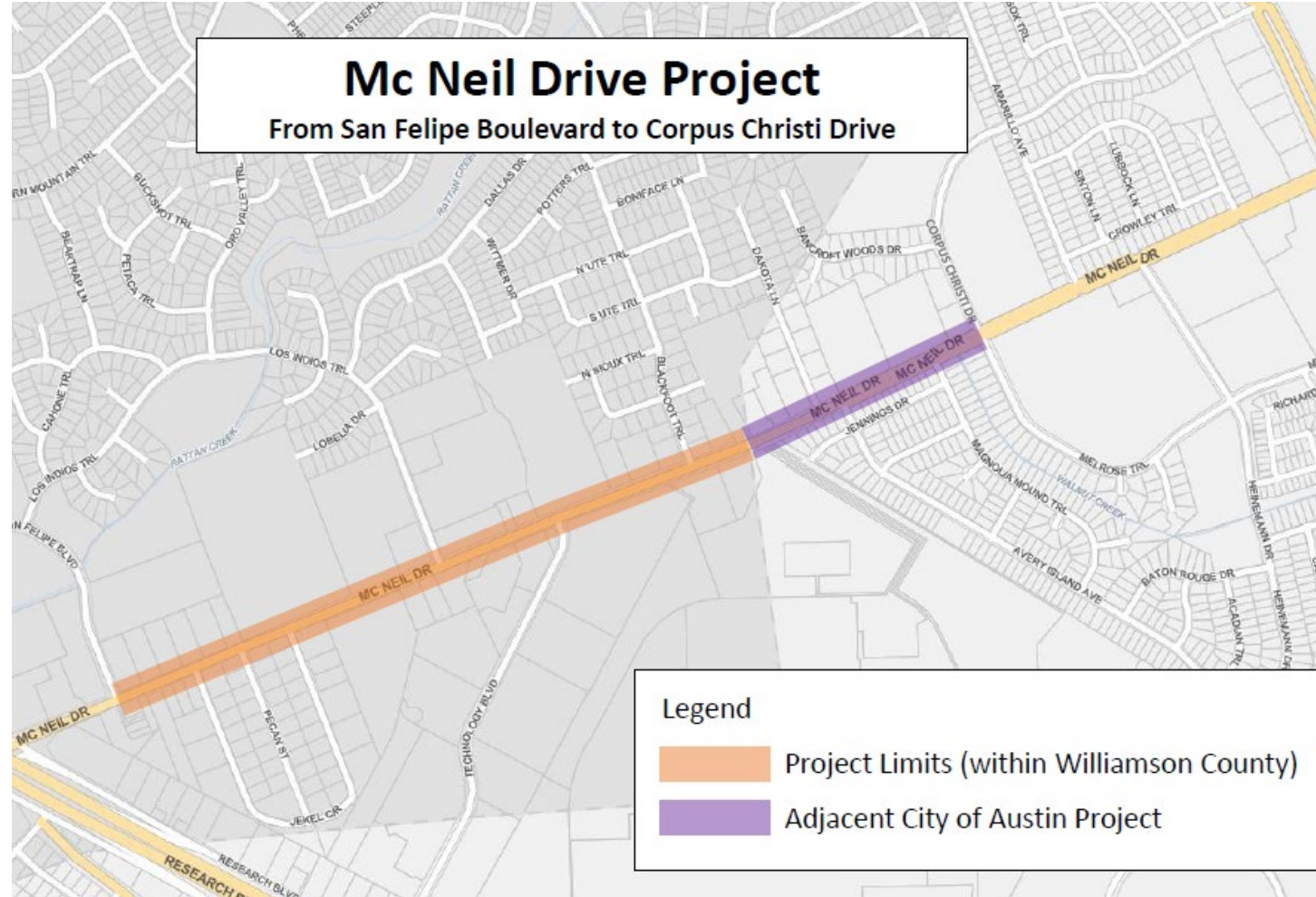


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Roadway and Drainage Proposal: Mc Neil Drive Substandard Street Project

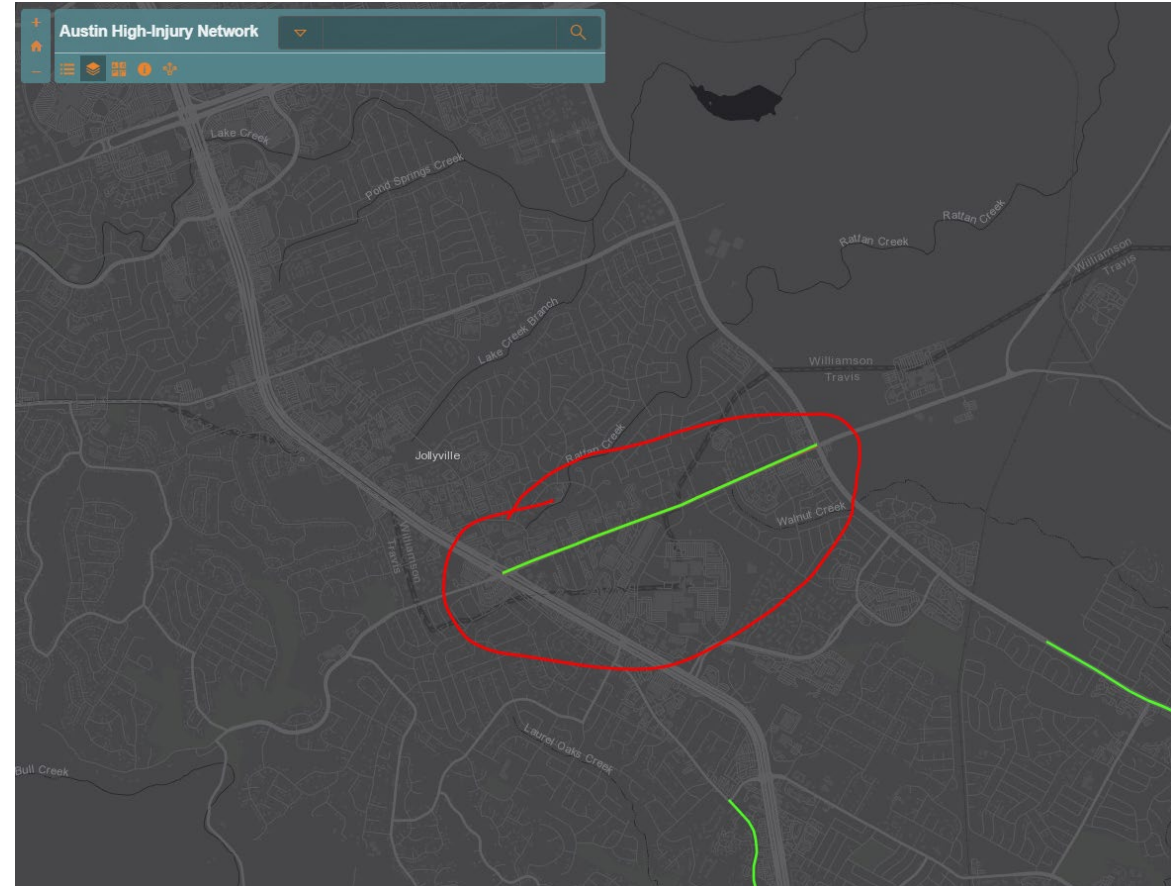
Mc Neil Drive Substandard Street Project

- **Rationale:** improve multi-modal access and safety with a shared use path; upgrade portions of drainage ditch to below ground pipe system
- McNeil Road is on Austin's High Injury Network (pedestrian focus)
- Total Project Cost: \$3.6 million (full Williamson and Travis County limits)
- Requested amount: \$2.2 million
 - Williamson Co. cost share 62% for full limits and 74% for Williamson Co. limits)
- Austin Match
 - Cash \$700,000 (within Williamson County)
 - In-kind \$660,000 (fully funding adjacent Travis Co. limits and schematic design)
- Match Source: COA 2018 and 2020 Mobility Bond Funds
- Austin would complete design and construct full project limits



Mc Neil Drive Substandard Street Project

- McNeil Road is on Austin's High Injury Network (pedestrian focus)
- The High-Injury Network (HIN) identifies streets in Austin with a relatively high number of serious injury and fatal crashes.
- High Injury Network streets carry nearly 60% of all serious injury and fatal crashes, yet only comprise just over 8% of the total street network.
- This project would add much needed shared use path to separate more vulnerable road users walking, bicycling, and rolling.
- Addresses current ADA route deficiency



High Injury Network Map showing Mc Neil Road between Research Boulevard (US 183) and Parmer Lane



Mc Neil Drive Substandard Street Project





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Roadway Proposal:
Elsa England ES/Pearson Ranch MS Safe Routes
to School

Safe Routes to Schools - Elsa England ES/Pearson Ranch MS



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- **Rationale:** improve safety and access to area schools
- Improvements identified in Safe Routes to Schools Infrastructure Report, 2019
- Total Project Cost: \$470,000
- Requested amount: \$370,000
- Austin Match: \$100,000
- Match Source: 2020 mobility bond funds
- Portion of the project is outside Austin city limits, so Austin/Williamson partnership would be needed



SAFE ROUTES TO SCHOOLS

INFRASTRUCTURE PLAN

TABLE OF RECOMMENDATIONS

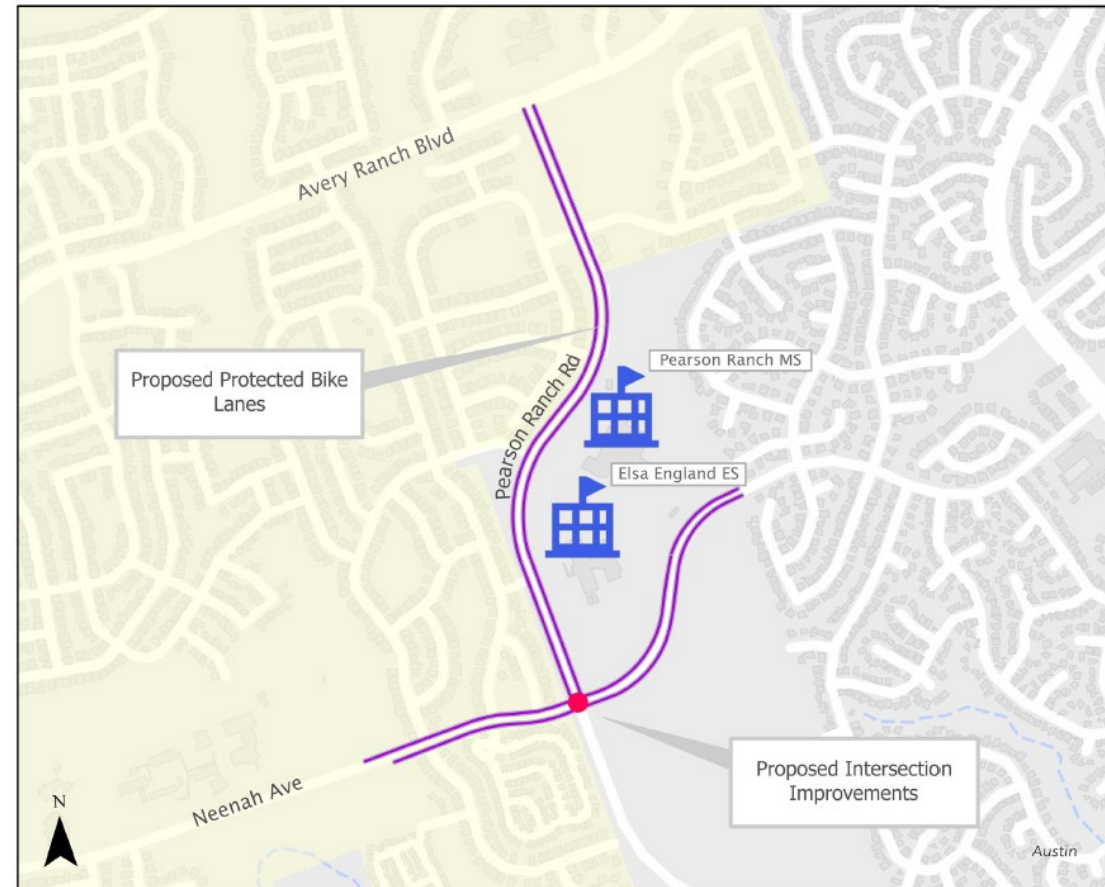
Project ID	Project w/in 1/2 mi (ped) or 2 mi (bike) and attendance boundary of:	Location	Issue	Recommendation + = parking removal required ~ = private property acquisition required	Overall Benefit Category	Estimated Cost:Benefit Category
5A - 001*	ELSA ENGLAND/PEARSON RANCH	NEENAH AVE	Desired bike route	Add protected bike lane - NEENAH AVE from PEARSON RANCH RD to W PARMER LN	1 - Very High	5 - Very Low
5A - 002*	ELSA ENGLAND/PEARSON RANCH	PEARSON RANCH RD	Desired bike route	Add protected bike lane - PEARSON RANCH RD from NEENAH AVE to AVERY RANCH BLVD , Lane diet (changing lane widths) - PEARSON RANCH RD from NEENAH AVE to AVERY RANCH BLVD	3 - Medium	5 - Very Low
5A - 003*	ELSA ENGLAND/PEARSON RANCH	PEARSON RANCH RD	Unclear school zone extents	Evaluate combined school zone for Elsa England/Pearson Ranch - PEARSON RANCH RD from south of Neenah Ave to north of Samuel Trl	5 - Very Low	4 - Low
5A - 601*	ELSA ENGLAND/PEARSON RANCH	NEENAH AVE / PEARSON RANCH RD	Long crossing distance	Add median refuge island on Pearson Ranch Rd and Neenah Ave , Increase pedestrian crossing time	3 - Medium	2 - High
5A - 602*	ELSA ENGLAND/PEARSON RANCH	IVEANS WAY / PEARSON RANCH RD	High speed crossing, Long crossing distance, No pedestrian signals	Install Rapid Flashing Beacon	3 - Medium	2 - High
5A - 603*	ELSA ENGLAND/PEARSON RANCH	PEARSON RANCH RD / PICKAXE TRL	Difficult crossing, High speed crossing, Long crossing distance, Missing curb ramps, No pedestrian signals	Add median refuge island on Pearson Ranch , Add new curb ramp [2] , Install high visibility crosswalk [1] across Pearson Ranch , Install Pedestrian Hybrid Beacon	3 - Medium	3 - Medium

Elsa England ES/ Pearson Ranch MS Safe Routes to School

Scope of work includes:

- Converting existing painted bike lanes into protected bike lanes along Neenah Avenue from Iveans Way to the driveway of Pearson Ranch Middle School as well as along Pearson Ranch Road from Avery Ranch Boulevard to Neenah Avenue.
- Constructing a protected intersection and four median extensions at Neenah Avenue and Pearson Ranch Road.

Proposed Bike Lane Improvements Along Pearson Ranch Road and Neenah Avenue



- Proposed Intersection Improvements
- Proposed Protected Bike Lanes
- Austin Full Purpose Jurisdiction Boundary



0 0.1 0.2 0.4 Miles

Grandview Hills ES Safe Routes to School Project (Protected Bike Lanes Example)

Before



After



Kiker ES Safe Routes to School Project (Protected Intersection Example)

Before



After



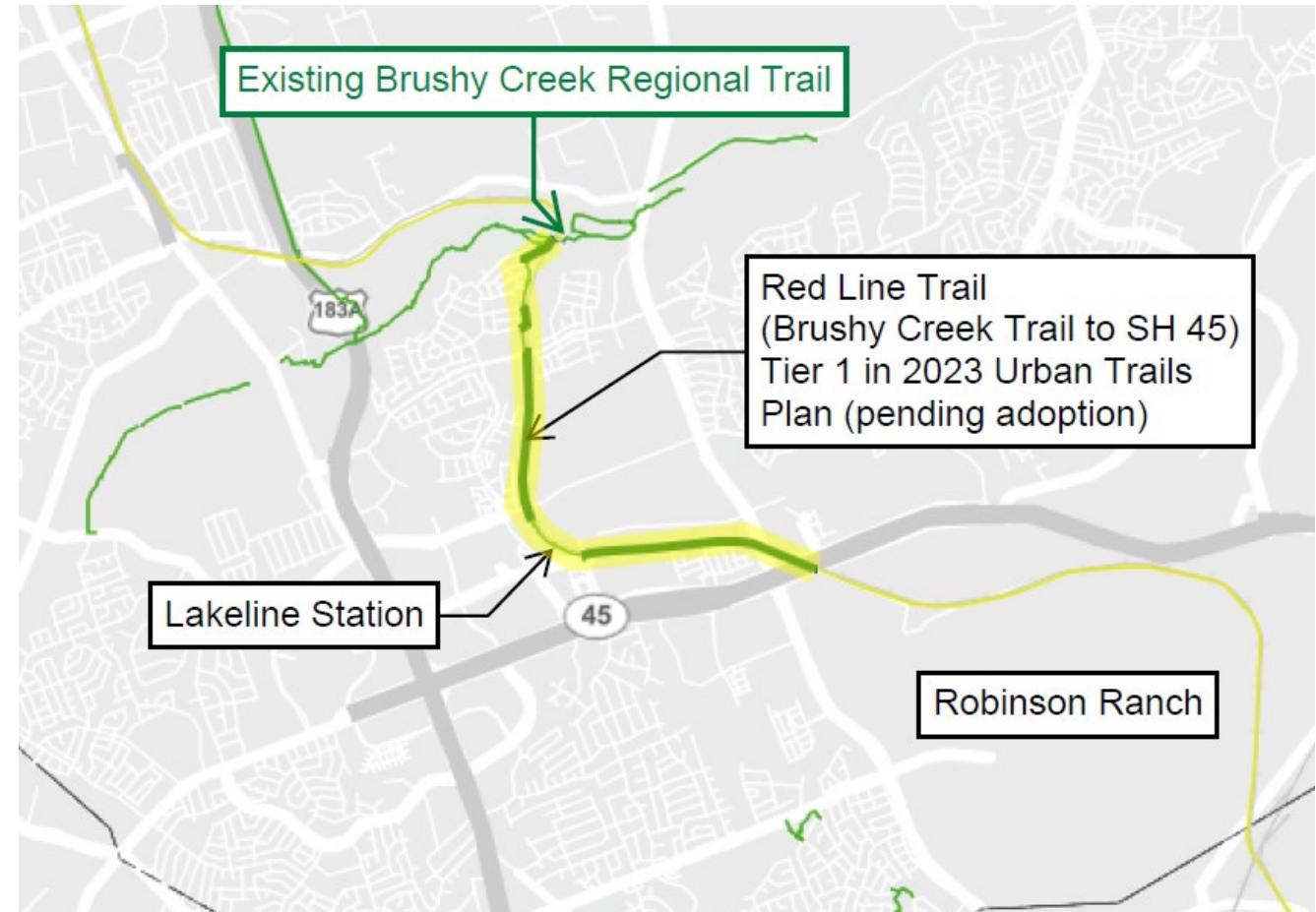


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Regional Trail Project:
Red Line Trail – Brushy Creek to SH 45
Preliminary Engineering Report (PER)

Red Line Trail - Brushy Creek to SH 45 PER

- **Rationale:** Connect northern section of Red Line Trail to Brushy Creek Trail, adding recreational opportunities and transportation connections
- Brushy Creek connection provides direct tie-in to Williamson Comprehensive Parks Master Plan
- Total Project Cost: \$1.1 Million
- Requested amount: \$825,000
- Austin Match: \$275,000
- Match Source: 2020 mobility bond funds
- Trail would connect to Lakeline Red Line station





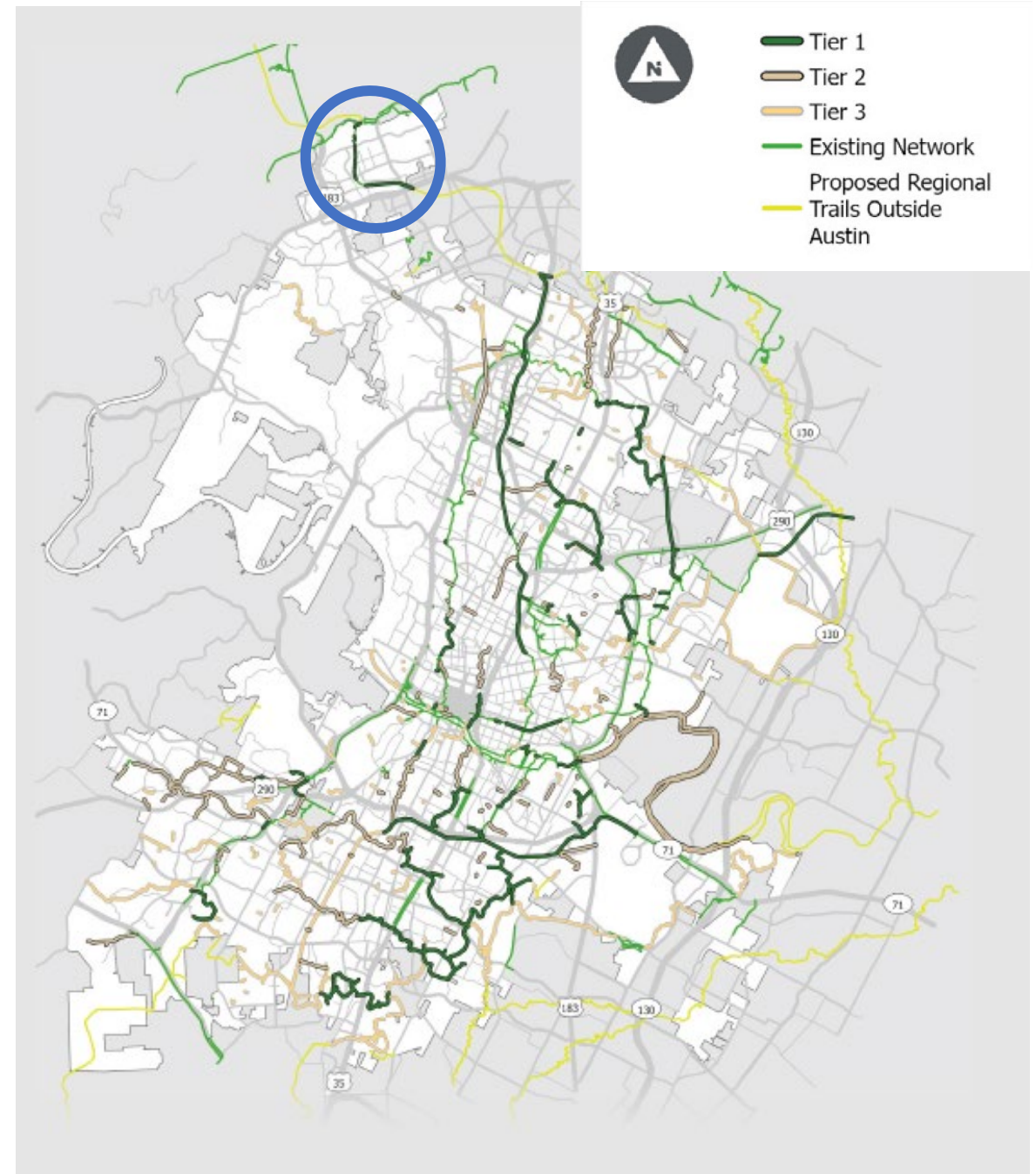
Existing Red Line Trail at Rosewood Ave



Existing Brushy Creek Regional Trail

2023 Urban Trails Plan

- Pending adoption this summer
- Tier 1 "high priority": ~84 miles
- This 3-mile segment of Red Line Trail (Brushy Creek Regional Trail to SH 45) is proposed Tier 1 in 2014 and 2023 Urban Trails Plan
- Big picture: Red Line Trail is a proposed 32-mile regional trail from downtown Austin to Leander along Capital Metro's Red Line MetroRail





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THANK YOU