

Capital Area Metropolitan Planning Organization

2019-2022 - Call for Projects

City of Austin
City Council Work Session
December 12th, 2017



Transportation Demand Management ● Intelligent Transportation Systems ● Active Transportation ● Roadways

CAMPO ~ Call for Project – 2019-22

Overview

➤ Total Funding:

- Estimated \$400 million in Federal funding available.

➤ Eligibility:

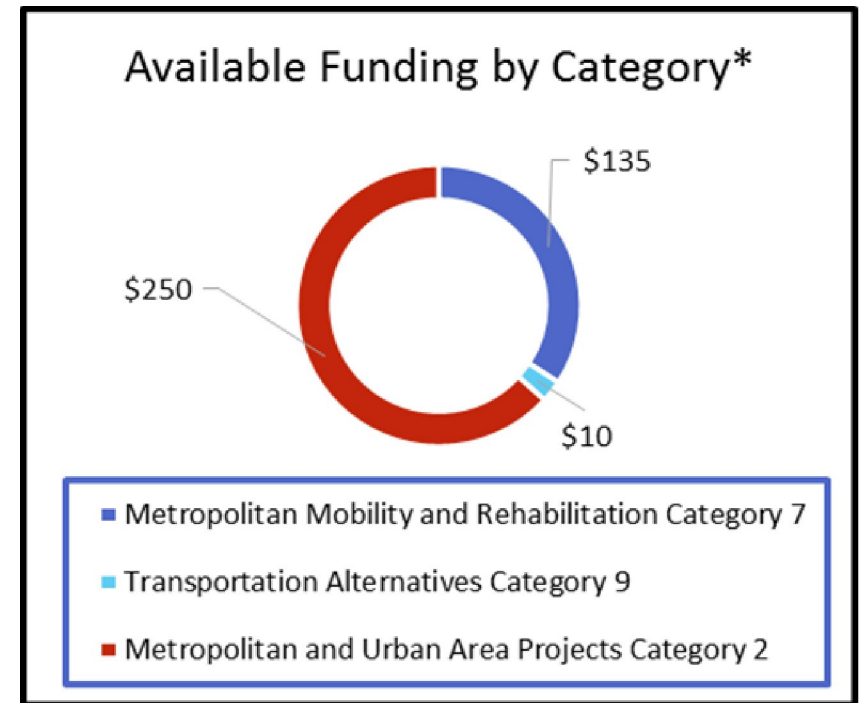
- Capital Area Metropolitan Planning Organization (CAMPO) is managing this Call.
- It is a competitive grant program for Federal funding.

➤ Constraints:

- Grantee must comply with all Federal laws and regulations for the administration of the Agreement for Award.

➤ Match:

- At a minimum, all grantees must secure a local match of 20% of the requested funding.
- For each 5% over the 20% minimum, the application receives 1 point up to 5 points in the Planning section.
- A 45% match is required to receive optimum score for funding.

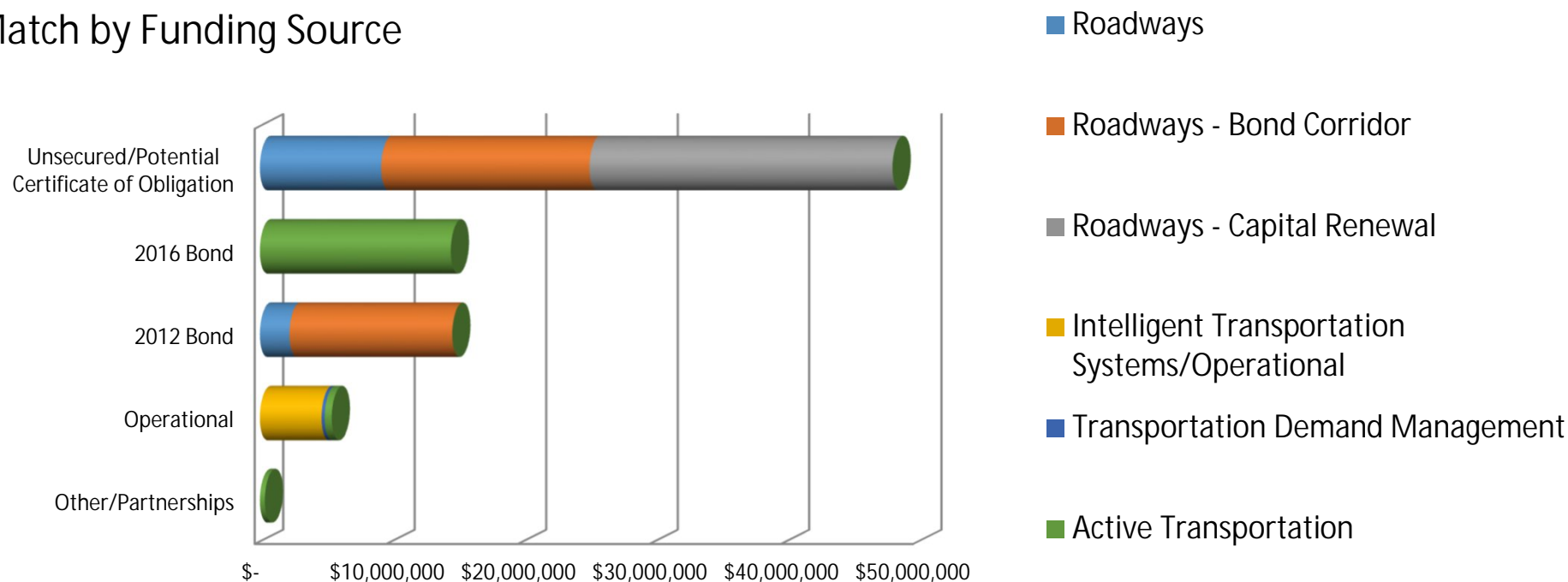


* In millions of dollars

CAMPO ~ Call for Project – 2019-22

Overview – Project List

Match by Funding Source

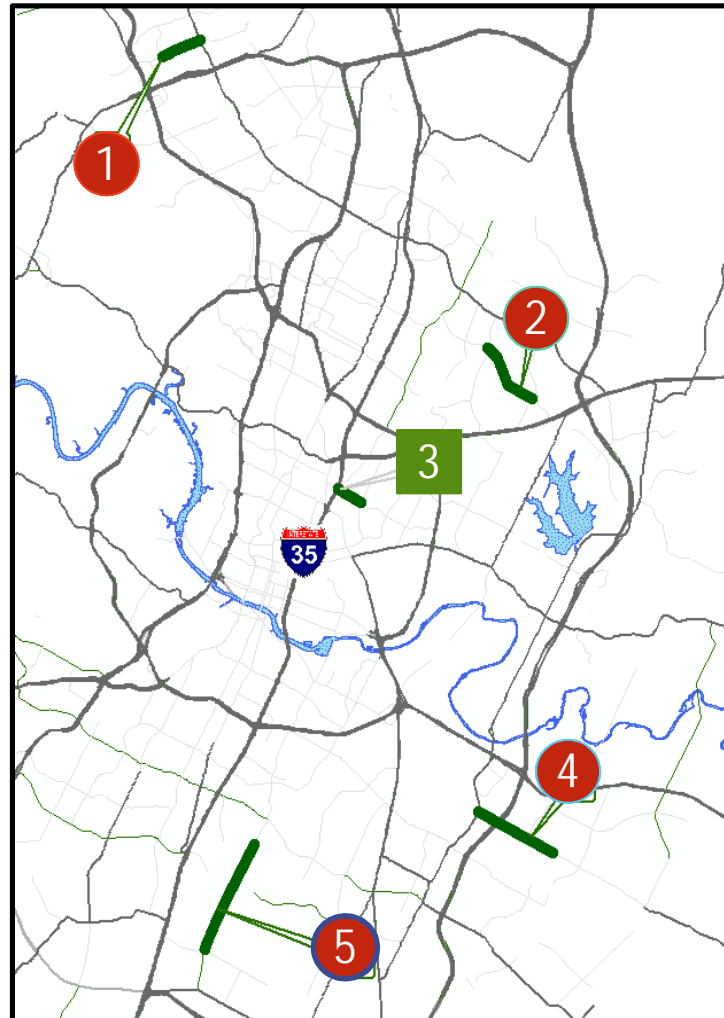


- Total Estimated Funding Applied For: \$309 million.
- Total Estimated Match Identified: \$83 million
- Total Estimated Match: Not Secured: \$48 million / Secured \$35 million
 - Potential unsecured funding source - Certificate of Obligation.
 - All Capital Renewal projects unsecured funding for match.
 - Roadways Projects -- only East 51st Street match is secured through bond funds.
 - All Active Transportation, Transportation Demand Management and Intelligent Transportation Systems secured through bond or operational funding.

Project List – 2019-22

Roadways

- **1** Lakeline Blvd
 - Phase: Preliminary Engineering, Design & Construction
 - Description: Expansion from 2-lane to 4-lane divided.
 - Limits: Parmer Lane to Lyndhurst St
 - Total Estimated Costs: \$13.7 million
 - Local Match: \$2.7 million (Certificates of Obligation)
- **2** Braker Lane
 - Phase: Construction
 - Description: New 4-lane divided.
 - Limits: 75' west of Dawes Pl to Samsung Blvd.
 - Total Estimated Costs: \$14 million
 - Local Match: \$2.8 million (Certificates of Obligation)
- **3** East 51st Street
 - Phase: Construction
 - Description: Complete Street improvements
 - Limits: IH-35 to Berkman Drive
 - Total Estimated Costs: \$5 million
 - Local Match: Secured \$2.25 million (2012 Bond)



- **4** Pearce Lane
 - Phase: Preliminary Engineering, Design
 - Description: Expansion from 2-lane to 4-lane divided
 - Limits: FM 973 to Kellam Rd.
 - Total Estimated Costs: \$5 million
 - Local Match: \$1 million (Certificates of Obligation)
- **5** South Pleasant Valley
 - Phase: Preliminary Engineering, Design
 - Description: Limits: New roadway and expansion (cross-section TBD)
 - Total Estimated Costs: \$13 million
 - Local Match: \$2.7 (Certificates of Obligation)

Location Map – Roadway Projects

Project List – 2019-22

Roadways – Bond Corridor

1

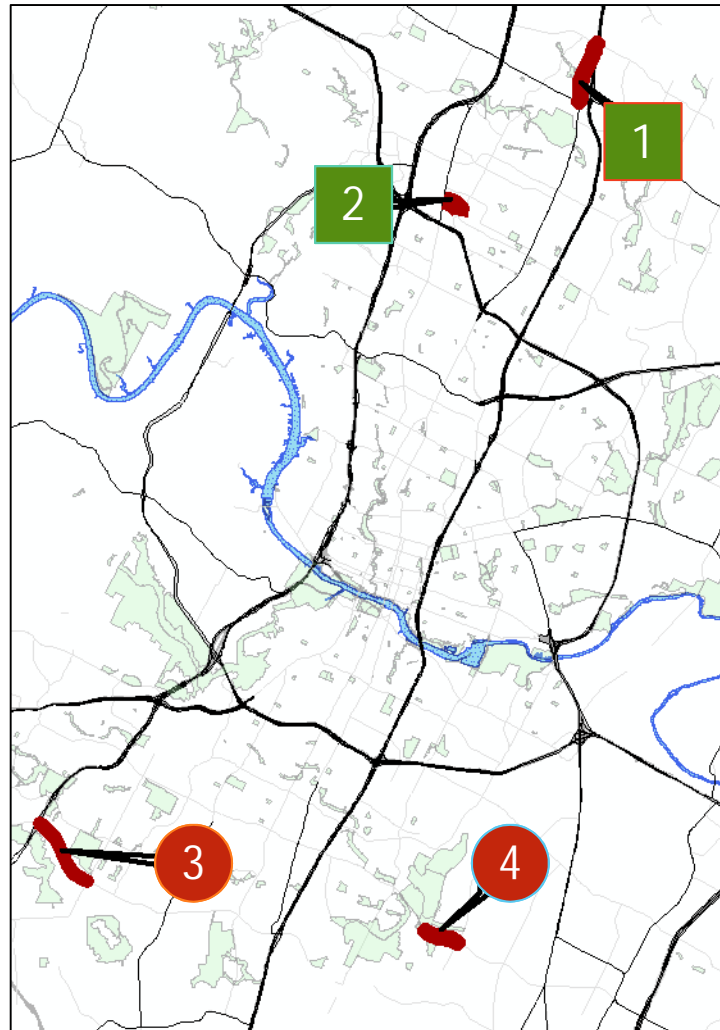
➤ North Lamar Blvd.

- Phase: Preliminary Engineering, Design & Construction
- Description: Multimodal and safety improvements on North Lamar Boulevard between Parmer Lane and Howard Lane.
- Limits: Parmer Lane to Howard Lane
- Total Estimated Costs: \$18.5 million
- Local Match: Secured \$8.5 million (2012 Bond)

2

➤ Burnet Rd. Connection to Metric via W. Rundberg Rd.

- Phase: Construction
- Description: Improved connectivity on Burnet Road by the extension of West Rundberg Lane from Metric Boulevard.
- Limits: Burnet Rd. to Metric Blvd.
- Total Estimated Costs: \$8.7 million
- Local Match: Secured \$3.9 million (2012 Bond)



Location Map – Roadway – Bond Corridor Projects

3

➤ Slaughter Lane

- Phase: Preliminary Engineering & Design & Construction
- Description: Convert the existing 4-lane roadway to a 6-lane roadway with a shared-use path and bicycle facilities
- Limits: MOPAC to Brodie Lane
- Total Estimated Costs: \$18.2 million
- Local Match: \$8.2 million (Certificates of Obligation)

4

➤ William Cannon Drive

- Phase: Preliminary Engineering & Design & Construction
- Description: Limits: converting the existing 2-lane roadway to a 4-lane divided roadway with a shared-use path
- Total Estimated Costs: \$17 million
- Local Match: \$7.6 million (Certificates of Obligation)

Project List – 2019-22

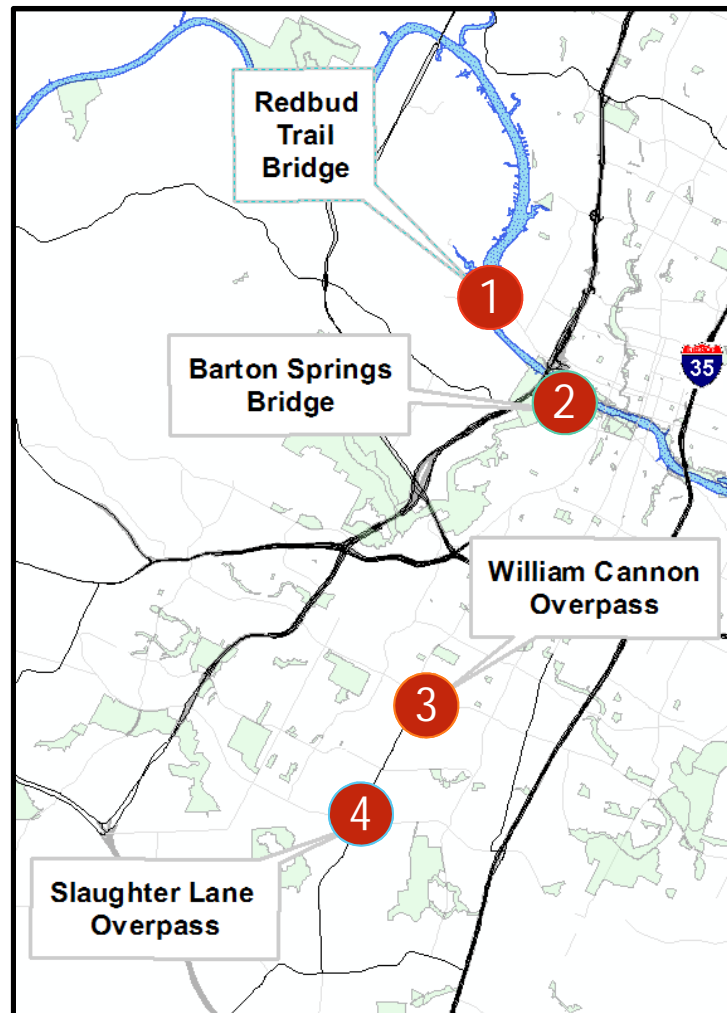
Roadways – Capital Renewal

1 ➤ Redbud Trail Bridge

- Phase: Preliminary Engineering, Design & Construction
- Description: Replace existing bridges due to concerns for loading capacity with a new bridge structure that will be out of the 100-year flood plain and include sidewalks and shared use path. Additional scope for this project includes intersection safety improvements at Redbud Trl. and Lake Austin Blvd
- Limits: Over Lady Bird Lake
- Total Estimated Costs: \$50 million
- Local Match: \$10 million (Certificates of Obligation)

2 ➤ Barton Springs Rd. Bridge

- Phase: Preliminary Engineering, Design & Construction
- Description: Replace the current bridge and add wider multi-modal facilities, as part of the gateway to Zilker Metropolitan Park. This project also includes intersection safety improvements at Barton Springs Rd and Robert E Lee Rd for all modes of travel.
- Limits: Over Barton Creek
- Total Estimated Costs: \$9 million
- Local Match: \$1.8 million (Certificates of Obligation)



Location Map – Capital Renewal Projects

3 ➤ William Cannon Dr. Overpass

- Phase: Preliminary Engineering, Design & Construction
- Description: Replace the mechanically stabilized earth (MSE) walls where William Cannon Rd crosses over the Union Pacific Railroad.
- Limits: Cannonleague Dr. and Woodhue Dr.
- Total Estimated Costs: \$9 million
- Local Match: \$1.8 million (Certificates of Obligation)

4 ➤ Slaughter Lane Overpass

- Phase: Construction
- Description: Replace the mechanically stabilized earth walls that support the ends of the overpass bridge.
- Limits: Manchaca Rd. and Bilbrook Pl.
- Total Estimated Costs: \$13 million
- Local Match: \$2.6 million (Certificates of Obligation)

5 ➤ Pavement Restoration on State Routes

- Phase: Construction
- Description: Rehabilitate and reconstruct various state routes within the City of Austin limits
- Limits: City-wide/Variou locations
- Total Estimated Costs: \$34 million
- Local Match: \$6.8 (Certificates of Obligation)

Project List – 2019-22

Active Transportation - Urban Trails

1 ➤ North Walnut Creek Trail

- Phase: Construction
- Description: The Northern Walnut Creek Trail, Phase 2 will be 10 feet wide concrete trail approximately 1.6 miles long.
- Limits: Walnut Creek Metropolitan Park to IH-35
- Total Estimated Costs: \$5 million
- Local Match: Secured \$2.25 million (2016 Bond)

2 ➤ Austin to Manor Phase 2

- Phase: Construction
- Description: Austin to Manor Phase 2 is an urban trail project consisting of a 2.5 mile long trail from Lindell Ln to Ben Fisher Park.
- Limits: Decker Ln. and Lindell Ln. to Ben. E Fisher Park
- Total Estimated Costs: \$5 million
- Local Match: Secured \$2.25 million (2016 Bond)

3 ➤ Shoal Creek Trail - 5th to 15th

- Phase: Construction
- Description: The Shoal Creek Trail project consists of widening approximately 0.8 miles of urban trail from 6 feet to 12 feet.
- Limits: W 5th St to W 15th St
- Total Estimated Costs: \$35 million
- Local Match: Secured \$7 million (2016 Bond)

4 ➤ Bergstrom Spur Planning Study

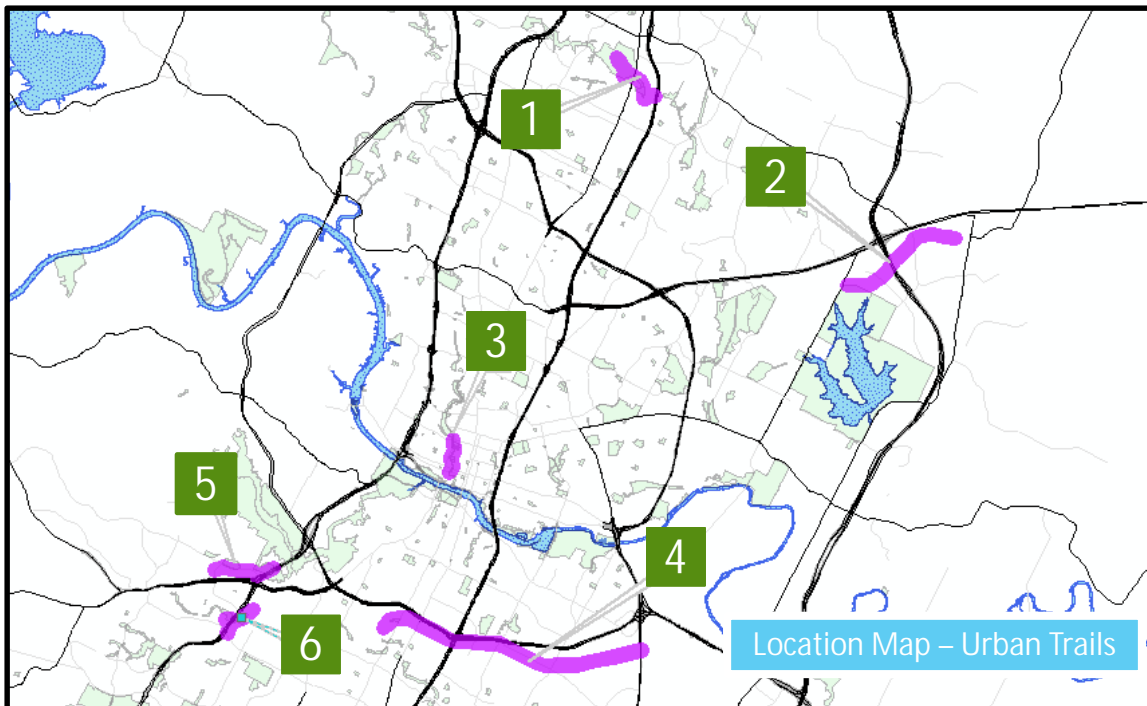
- Phase: Planning
- Description: Bergstrom Spur Corridor is 6 miles and would greatly enhance connectivity
- Limits: Vinson Dr. to 183 along the old rail line
- Total Estimated Costs: \$1.2 million
- Local Match: Secured \$.54 million (2016 Bond)

5 ➤ YBC Trail

- Phase: Construction
- Description: The YBC trail is the third leg of the Barton Corridor.
- Limits: MoPac Mobility Bridges to SW Pkwy
- Total Estimated Costs: \$9 million
- Local Match: Secured \$4 million (2016 Bond)

6 ➤ Violet Crown Trail

- Phase: Construction
- Description: Rehabilitate and reconstruct various state routes within the City of Austin limits
- Limits: City-wide/Various locations
- Total Estimated Costs: \$1.5 million
- Local Match: Secured \$.675 million (2016 Bond)



Project List – 2019-22

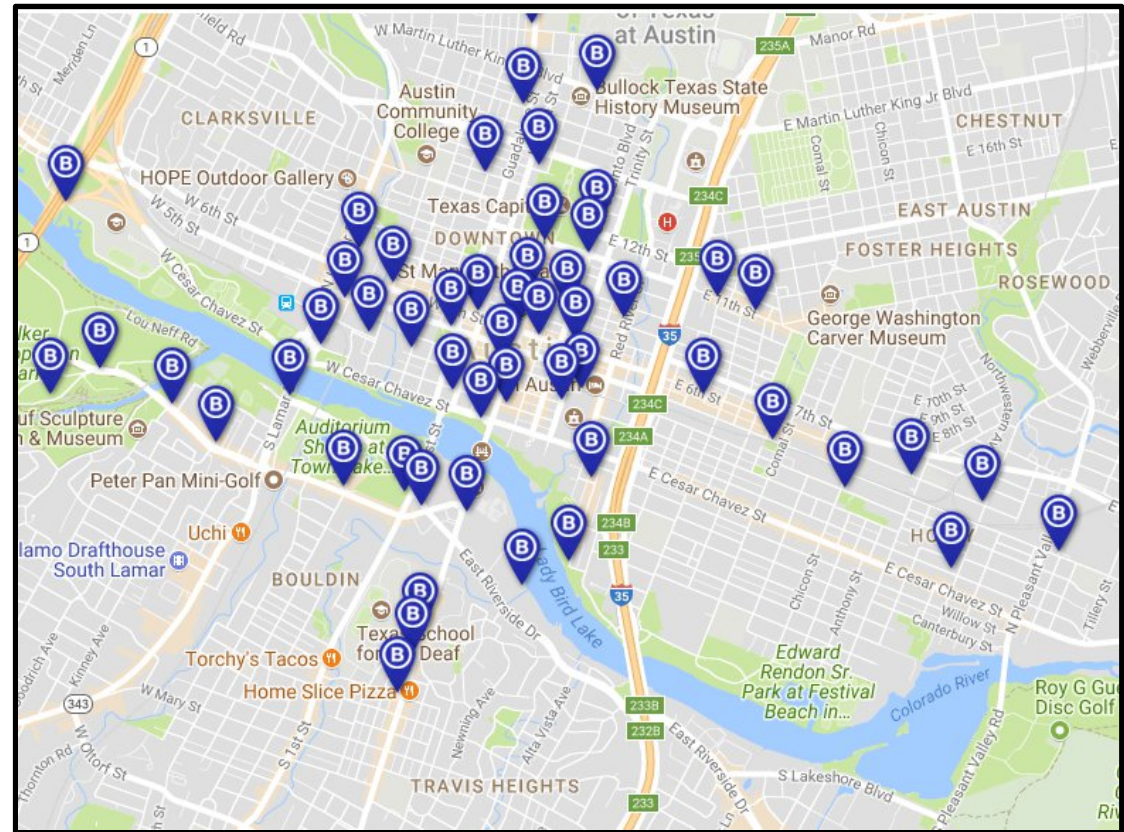
Active Transportation

6 ➤ Bikeshare Expansion

- Phase: Construction
- Description: Expand bike share system to better serve first, last mile transit and short trips
- Limits: Central City (UT, Mueller, East Austin, Central South)
- Total Estimated Costs: \$2.3 million
- Local Match: Secured \$.46 million (Operations & Other/Partnerships)

7 ➤ Pedestrian Safety and Transit Connections

- Phase: Construction
- Description: Install Pedestrian Hybrid Beacons in areas with high transit and pedestrian activity to improve first and last mile connections to public transit.
- Limits: City-wide
- Total Estimated Costs: \$1.5 million
- Local Match: Secured \$.45 million (Operations & Other/Partnerships)



➤ Location of existing stations for Bike Share Expansion

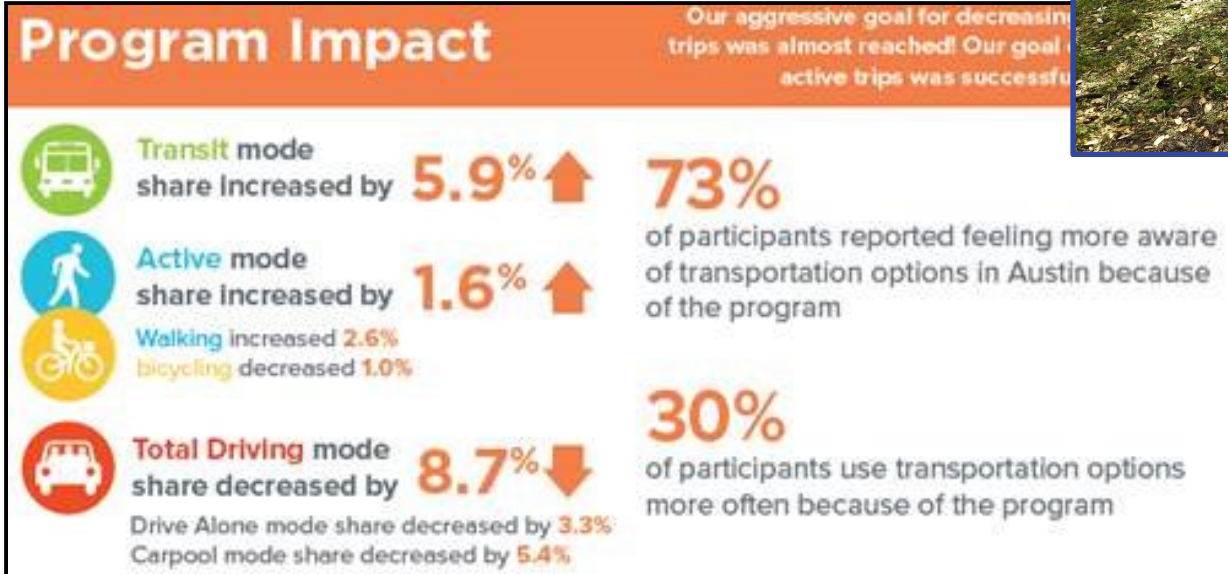
Project List – 2019-22

Transportation Demand Management

1

➤ Smart Trips Austin

- Phase: Construction
- Description: Key TDM solutions vital to region - neighborhood focused education and outreach. This project will be conducted in partnership with Capital Metro.
- Limits: City of Austin
- Total Estimated Costs: \$1.2 million
- Local Match: Secured \$.24 million (Operations)



Project List – 2019-22

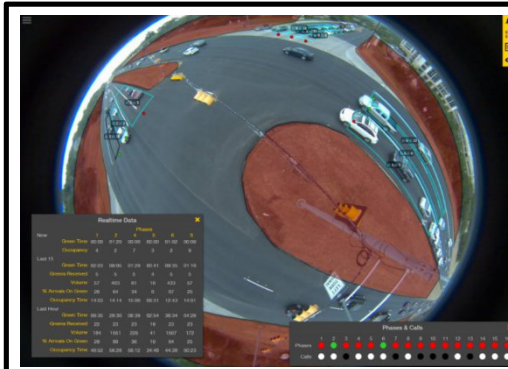
Intelligent Transportation Systems (ITS)

1 ➤ Traffic Monitoring

- Phase: Construction
- Description: Procure and install CCTV traffic monitoring cameras at 300 locations, to improve reliability and improve mobility.
- Limits: City-wide
- Total Estimated Costs: \$1.25 million
- Local Match: Secured \$.25 million (Operations)

2 ➤ Vehicle Detection

- Phase: Construction
- Description: Procure and install aerial detection at 400 signalized intersections, to improve reliability and improve mobility
- Limits: City-wide
- Total Estimated Costs: \$10 million
- Local Match: Secured \$2 million (Operations)



Aerial Detection



Emergency Vehicle Preemption



Battery Backup Systems

3 ➤ Emergency Vehicle Preemption and Transit Priority

- Phase: Construction
- Description: Deploys emergency vehicle preemption at all 1,000+ City maintained signals, and delivers improved reporting on TSP performance that facilitates staff optimizing each signal for TSP
- Limits: City-wide
- Total Estimated Costs: \$5.65 million
- Local Match: Secured \$1.1 million (Operations))

4 ➤ Traffic Signal System Upgrades

- Phase: Construction
- Description: Extends and/or repairs battery backup systems to 100% of signals to increase safety and travel time reliability
- Limits: City-wide
- Total Estimated Costs: \$6.54 million
- Local Match: Secured \$1.3 million (Operations)

Project List – 2019-22

Conclusion

Timeline

- November 21st – CAMPO post final criteria and simultaneously issues notice that the application period is moved forward by three weeks.
- December 11th – Project Call issued and the application period begins.
- December 12th – Council work session. Staff will be available to brief council and answer questions on the proposed project list.
- December 14th – Request for Council Action to approve a resolution to submit a list of projects.
- January 18th, 2018 – The application period closes. All applications are due to CAMPO.
- January 19th, 2018 – March, 2018 - CAMPO project scoring.
- April, 2018 - Public comment period opens and recommended projects provided to Technical Advisory Committee.
- May 7th, 2018 – Transportation Policy Board (TPB) approves projects and 2019-2022 TIP.