

# Mobility Project Database

Pedestrian Advisory Council — January 6, 2020



**Data &  
Technology Services**  

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**Austin Transportation**

# Our team



# Current state

- Online information on mobility projects limited to minimal schedule and status notes on projects funded through capital investment
- Individual workgroups teams track mobility projects in separate, disconnected systems
- Software lacks robust functionality and integrations, leading to redundant, poor-quality data
- Reporting is time-consuming and unreliable

／ **How might we support comprehensive tracking of Austin's mobility activities?**

# Mobility Project Database (MPD)

Application for City of Austin staff to track mobility projects

- **Common data structure** across mobility projects
- **Standardized process** to track projects from planning to implementation
- **User-friendly features** to help staff maintain accurate data efficiently
- **Integrations** with existing enterprise platforms to eliminate data redundancy

# MPD-enabled reporting capabilities

- Centralized, consistent, and reliable data on mobility activities in Austin
- Reports on the status of pedestrian infrastructure projects can be delivered on a regular basis
- Staff can easily pull tabular data on specific areas of interest

# Mobility Project Database timeline

- **September-December, 2019:** User interviews and technical research
- **January-February, 2020:** Design data model and develop feature-based roadmap
- **March-May, 2020:** Implementation and pilot launch
- **June-August, 2020:** User testing and improvements
- **September 2020:** MPD 1.0 rollout, begin work on public-facing dashboard

# Future state

1. Mobility Project Database used across City departments and partner organizations to track mobility projects
2. Research and collaboration with users and stakeholders to define requirements and prioritize features for public-facing mobility project dashboard
3. Real-time visibility into all proposed, planned, active, and completed mobility projects through interactive online platform



／ Questions?

<http://bit.ly/atd-mpd>



## Legend

Intersection Safety / Vision Zero Potential 2020 Construction



Intersection Safety / Vision Zero Potential 2021 - 2024 Construction



Sidewalks 2020



Sidewalks 2021-2024



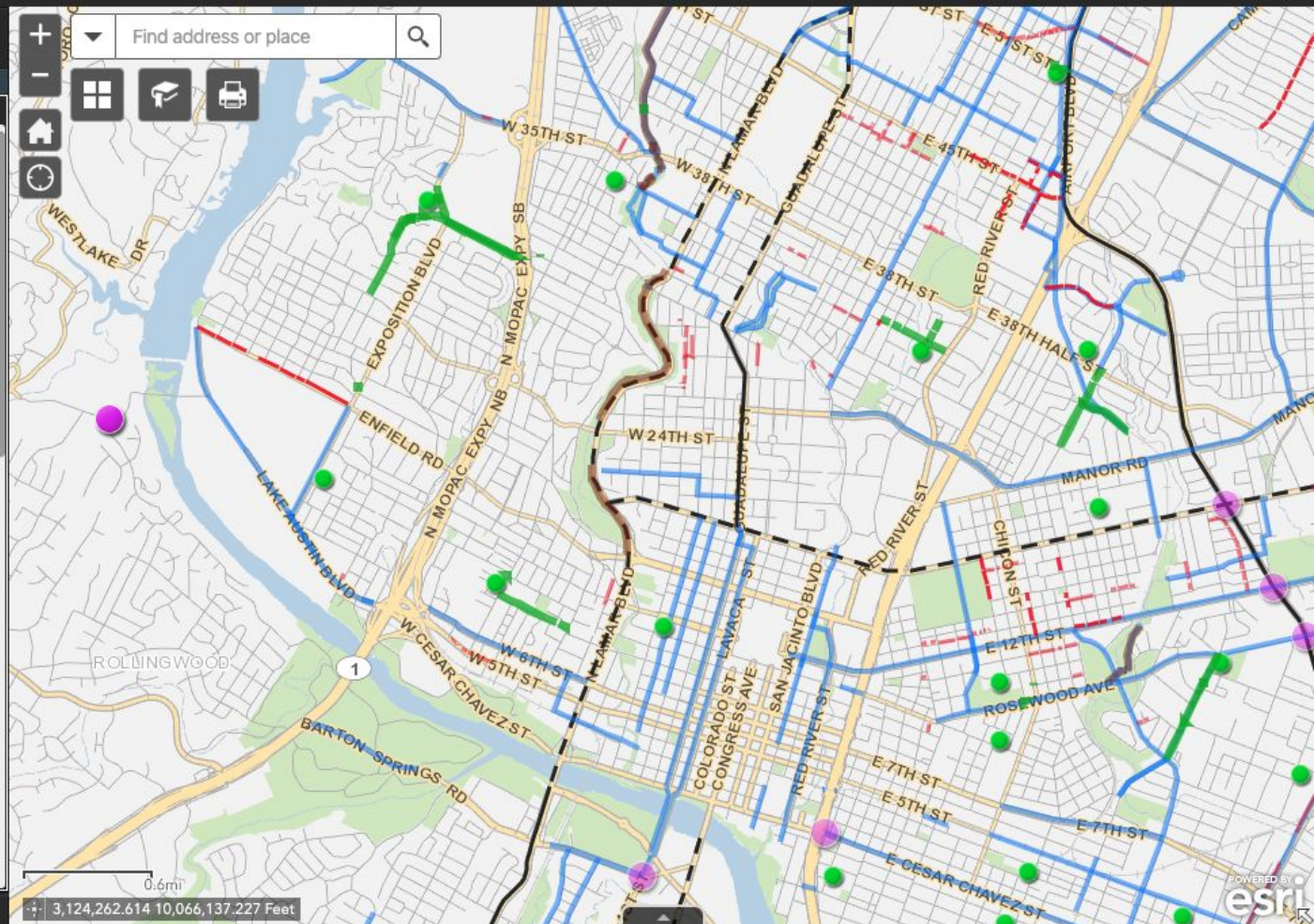
Safe Routes To School 2020



Safe Routes to School Walk-Audit Schools



Urban Trails Construction 2020



3,124,262.614 10,066,137.227 Feet

## PROJECT TYPE

Select All

Area Master Plans

Electric

Facilities

Housing

Mobility

Park Amenities

Purchases

Water

Other

## COUNCIL DISTRICT



2018 Bond Sidewalk Rehabilitation and Replacement - Phase 1 North Austin



2018 Bond Sidewalk Rehabilitation and Replacement - Phase 1 South Austin



2nd Street Bridge and Extension / Shoal Creek to West Ave



3rd St Phase 4 - Guadalupe St. to Nueces St.



4th Street (Trinity to Rio Grande)



ADA Ramp and Bus Stop Improvements City Wide



ADA Sidewalk and Curb Ramp Improvements on Stafford St



ADA Sidewalk and Ramp Improvements Group #18 City Wide



Advanced Transportation Management System (ATMS) - Quarter Cent Fund



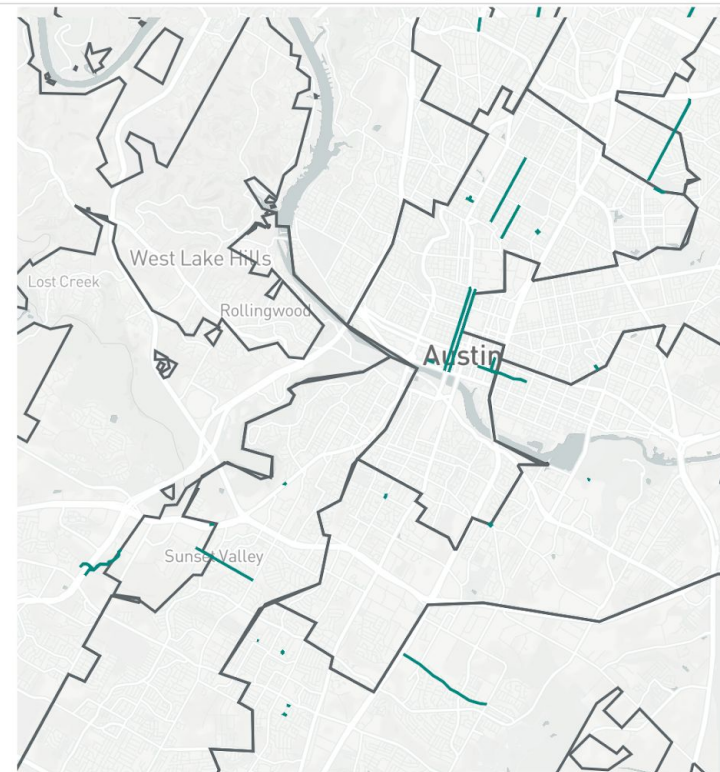
Airfield Lighting Vault Relocation



Airport Blvd Corridor Signal Improvements

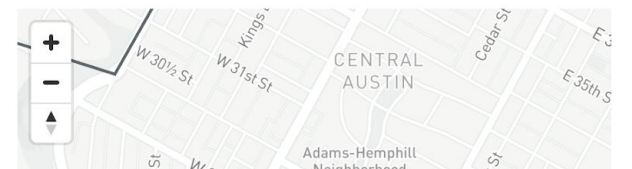


Airport Boulevard - 45th Street to MLK Jr. Blvd



## ADA Sidewalk and Curb Ramp Improvements on Stafford St

Project ID: 11580.026







## Legend

### Current and Upcoming Sidewalk Construction

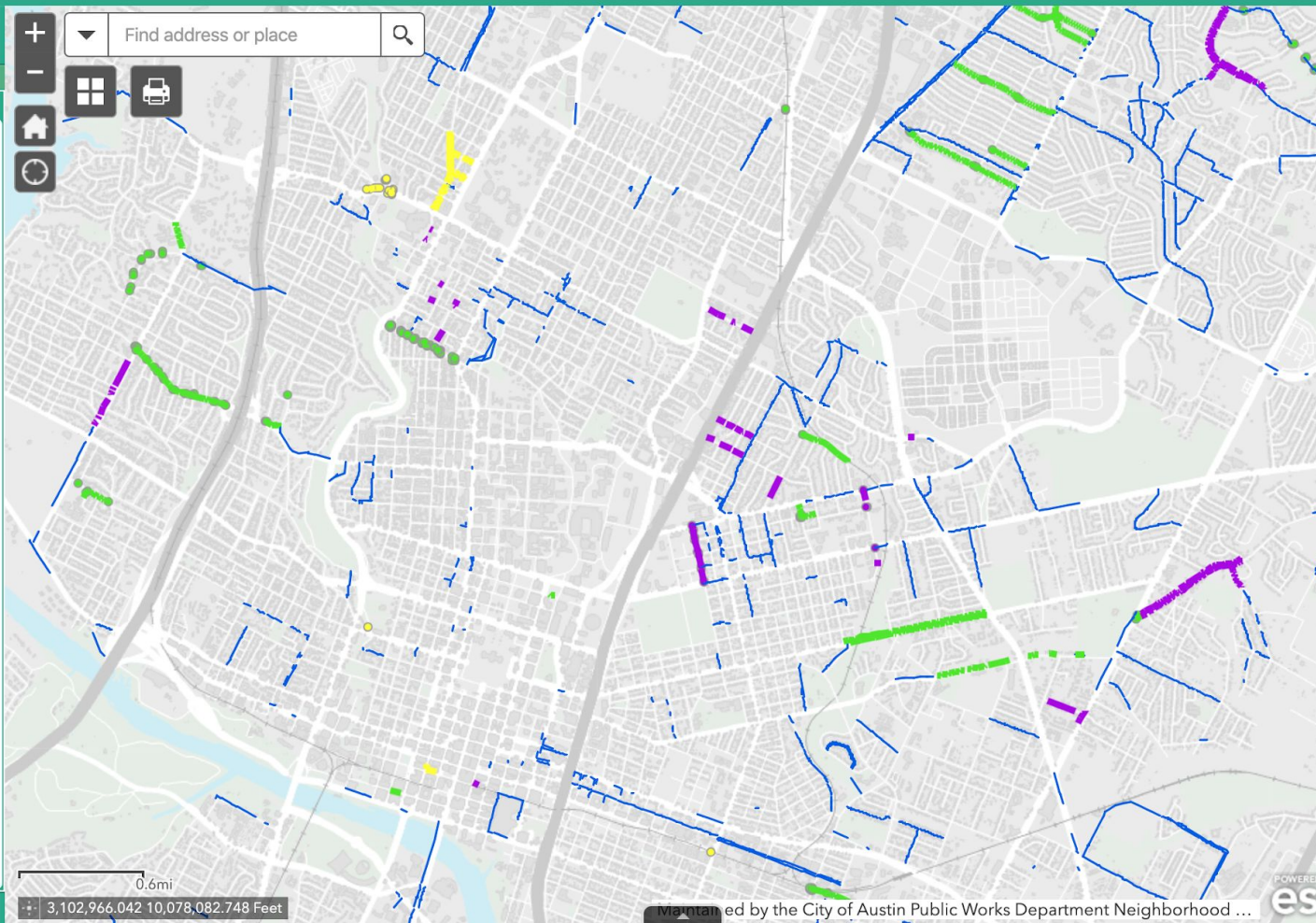
- Active/Potential Start - next 30 days
- Potential Start - next 90 days
- Potential Start - next 180 days

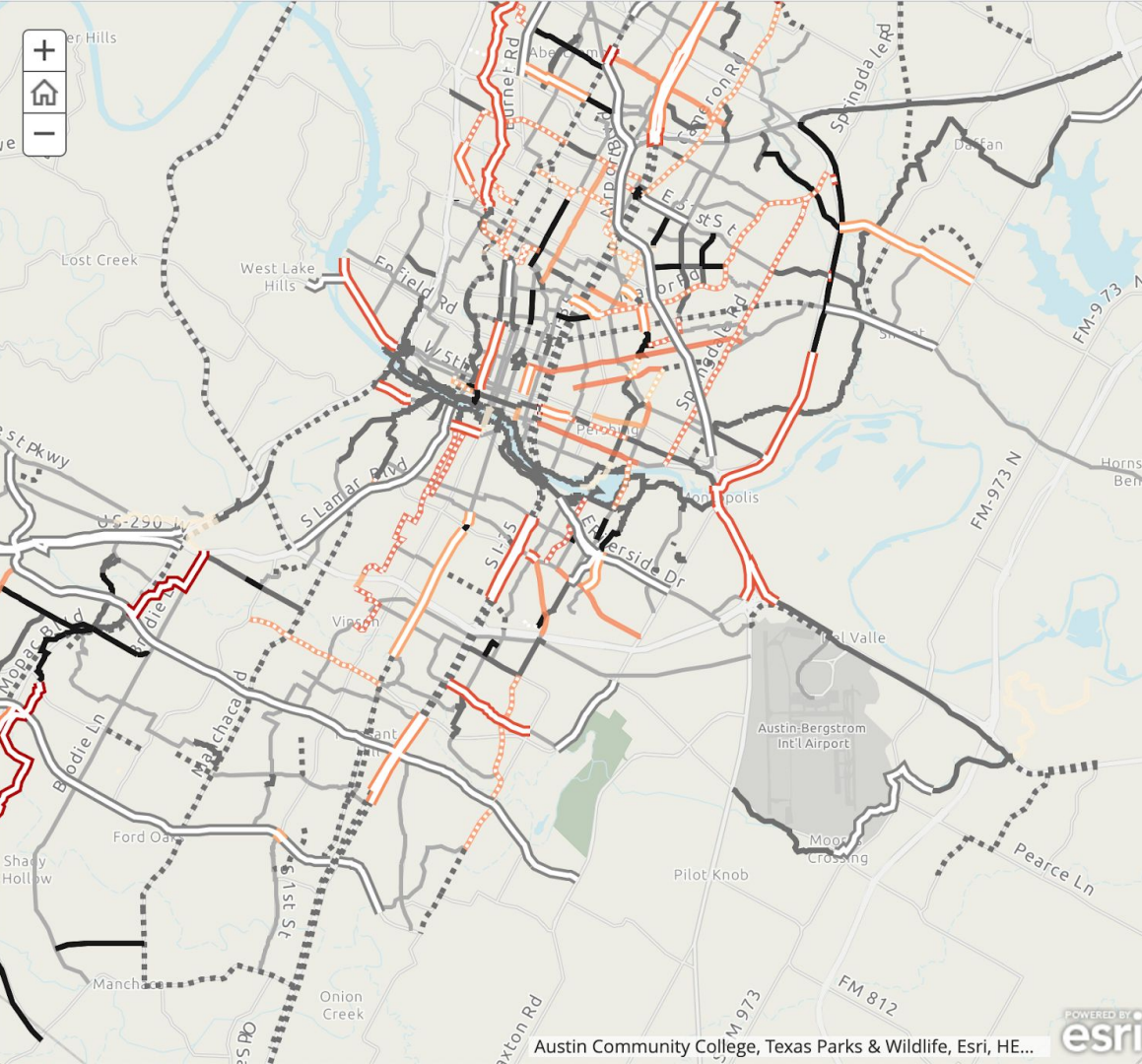
### Completed Sidewalk Projects Since 2011



### Current and Upcoming Curb Ramp Construction

- Active/Potential Start - next 30 days
- Potential Start - next 90 days
- Potential Start - next 180 days





A Story Map



## All Ages and Abilities Bicycle Network

### Buildout Status Map

*Last updated: October, 23rd 2019*

This map shows the current and anticipated build-out status of the Network. Explore the map to learn about newly completed projects and what projects are in development.

#### Map Legend (Click on map for more information)

##### Projects with Estimated Timeframes

- Estimated End Dates  
(Final Design or Post-public process)\*
- Estimated Public Process Dates\*
- Estimated Date for Start of Project Development\*

##### Color Scale for Estimated Project Dates

12/2019 12/2020

##### All Ages and Abilities Network Project Status

- Complete (after 2018)
- Complete (before 2018)
- Active
- Potential

*\*Project information is compiled across multiple agencies and includes anticipated dates for project development that are best estimates. All information is subject to change and will be updated regularly.*

# Data and Performance Hub

City of Austin Transportation Department

## Signal Operations

Traffic Signal Monitor



Signal Projects



Signal Timing



Signal Requests



Device Status



Operations Overview



Traffic Volumes (Beta)



Operations Map (Beta)



## Maps and Resources

Signal Asset Map



Preventative Maintenance



Data Tracker



Markings Work Orders







Construction



Design



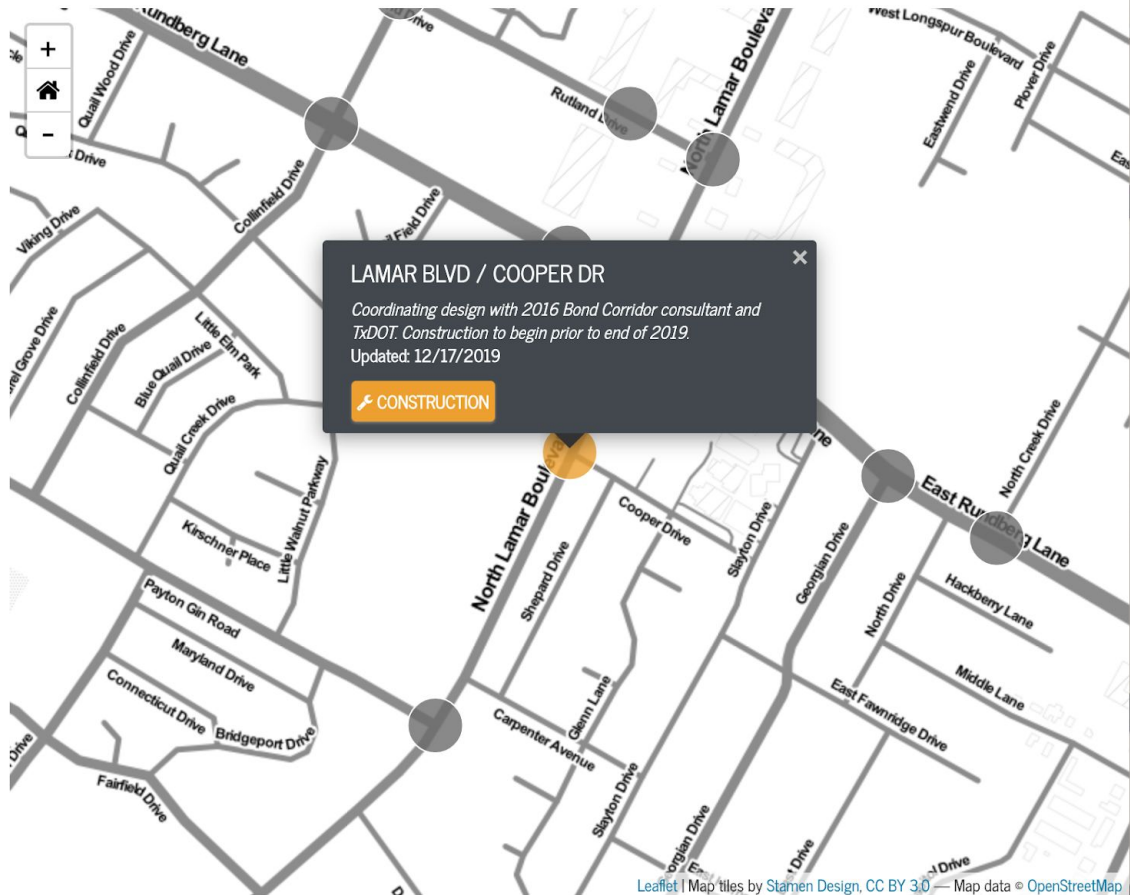
Turned On

Search by street name or status...



Location	Type	Status	Note
LAMAR BLVD / COOPER DR	PHB	CONSTRUCTION	Coordinating design with 2016 Bond Corridor consultant and TxDOT. Construction to begin prior to end of 2019.
45TH ST / RAMSEY AVE	PHB	CONSTRUCTION	Construction underway.
1ST ST / MONROE ST	TRAFFIC	CONSTRUCTION	Construction on hold due to on-site building construction, expect to re-start signal construction in January 2020.
BULL CREEK RD / 40TH ST	PHB	CONSTRUCTION	Construction by Developer
45TH ST / CHIAPPERO TRL	PHB	CONSTRUCTION	Construction by developer
GUADALUPE ST / 13TH ST	TRAFFIC	CONSTRUCTION	Construction began week of 10/7/19.
MARTIN LUTHER KING JR		CONSTRUCTION	Construction began

Showing 1 to 1,107 of 1,107 entries



# Resources

- Mobility Project Database webpage: <http://bit.ly/atd-mpd>
- Mobility Annual Plan website: <https://data.austintexas.gov/stories/s/2xkd-czyh>
- City of Austin Capital Projects Explorer: <https://capitalprojects.austintexas.gov>
- Austin Transportation Data and Performance Hub: <https://data.mobility.austin.gov>
- Sidewalk Program Projects Map: <http://bit.ly/atx-sidewalk-projects>
- All Ages and Abilities Bicycle Network Buildout Status Map: <http://bit.ly/atd-aaa-map>