



**CENTRAL TEXAS**  
**Regional Mobility Authority**

# Welcome and opening remarks by the Chairman and members of the Board of Directors

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## Agenda Item #1

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority

# Opportunity for public comment

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## Agenda Item #2

July 26, 2017



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# Consent Agenda

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## Agenda Items #3-4

July 26, 2017



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# Regular Items

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## Agenda Items #5-10

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority

# Approve the minutes from the June 28, 2017 Regular Board meeting

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## Agenda Item #5

Geoff Petrov, General Counsel

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority



# Accept the financial statements for May 2017 and June 2017

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## Agenda Item #6

Mary Temple, Controller

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority

# Approve Supplemental Work Authorization No. 1 for CP&Y's contract for design and construction support services for the Manor Expressway (290E) Phase III Project.

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## Agenda Item #7

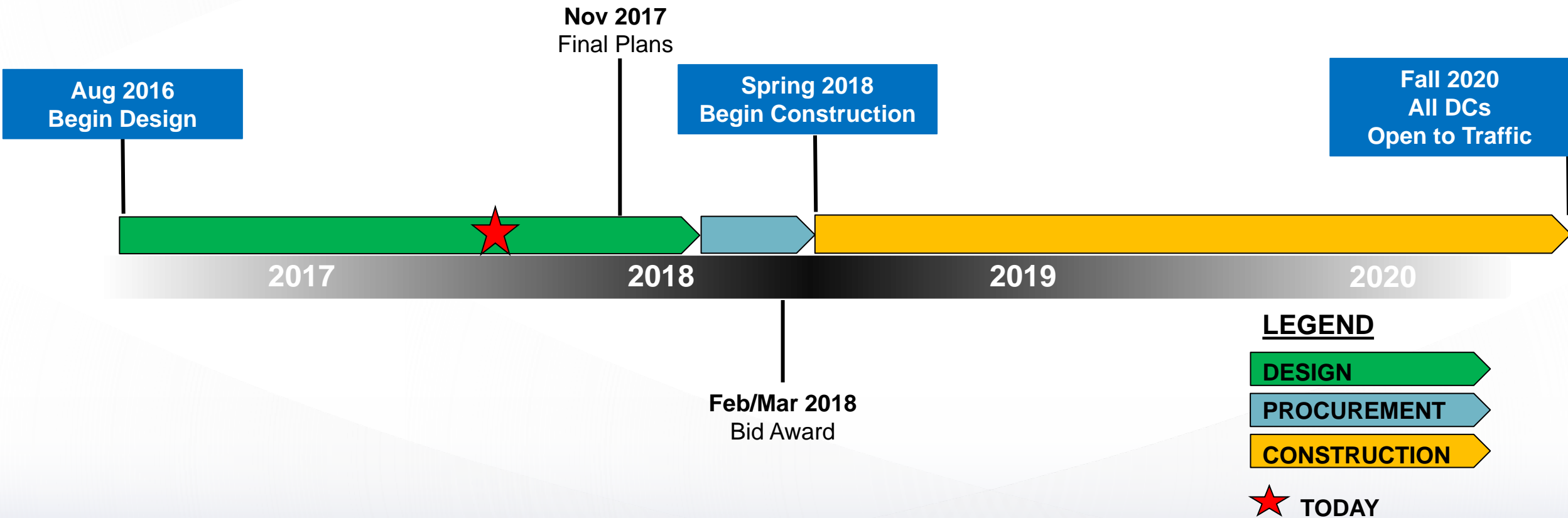
Justin Word, P.E., Director of Engineering

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority







- TTC approved funding of TxDOT Improvements on June 29, 2017
- TxDOT to Reimburse Mobility Authority for east to south DC on their behalf (estimated \$41.1 MM)
- AFA and PDA negotiations on going with TxDOT
- TxDOT assumes east to south DC Maintenance
- 60% PS&E Plans Submitted July 14







- Original Contract to CP&Y \$7.1 MM (July 2016)
- Schematic development identified additional work needed to complete this phase of the project
- Request Supplemental Work Authorization No. 1 for \$900,000 (not to exceed) for:
  - Additional Design Efforts including: Parmer C-D, 290 sidewalks and ITS/Toll Facility Design
  - Future Construction Phase Services
  - Contingency



# Approve Work Authorization No. 7 for Parsons Brinckerhoff, Inc. for general engineering consultant services related to the MoPac Improvement Project

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## Agenda Item #8

Justin Word, P.E., Director of Engineering

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority



# Authorize the Executive Director to negotiate and execute an assignment of Parsons Brinckerhoff, Inc. Work Authorization No. 1 to Atkins for general engineering consultant services related to the MoPac South Project

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## Agenda Item #9

Justin Word, P.E., Director of Engineering

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority

# Authorize the procurement of a firm to perform general engineering consulting services for the Central Texas Regional Mobility Authority

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## Agenda Item #10

Justin Word, P.E., Director of Engineering

July 26, 2017



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Regional Mobility Authority



# Briefings and Reports

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## Agenda Items #11-14

July 26, 2017



CENTRAL TEXAS  
Regional Mobility Authority

# Quarterly briefing on projects under construction

## A. 183 South Project

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### Agenda Item #11A

Justin Word, P.E., Director of Engineering  
Dee Anne Heath, Director of External Affairs

July 26, 2017

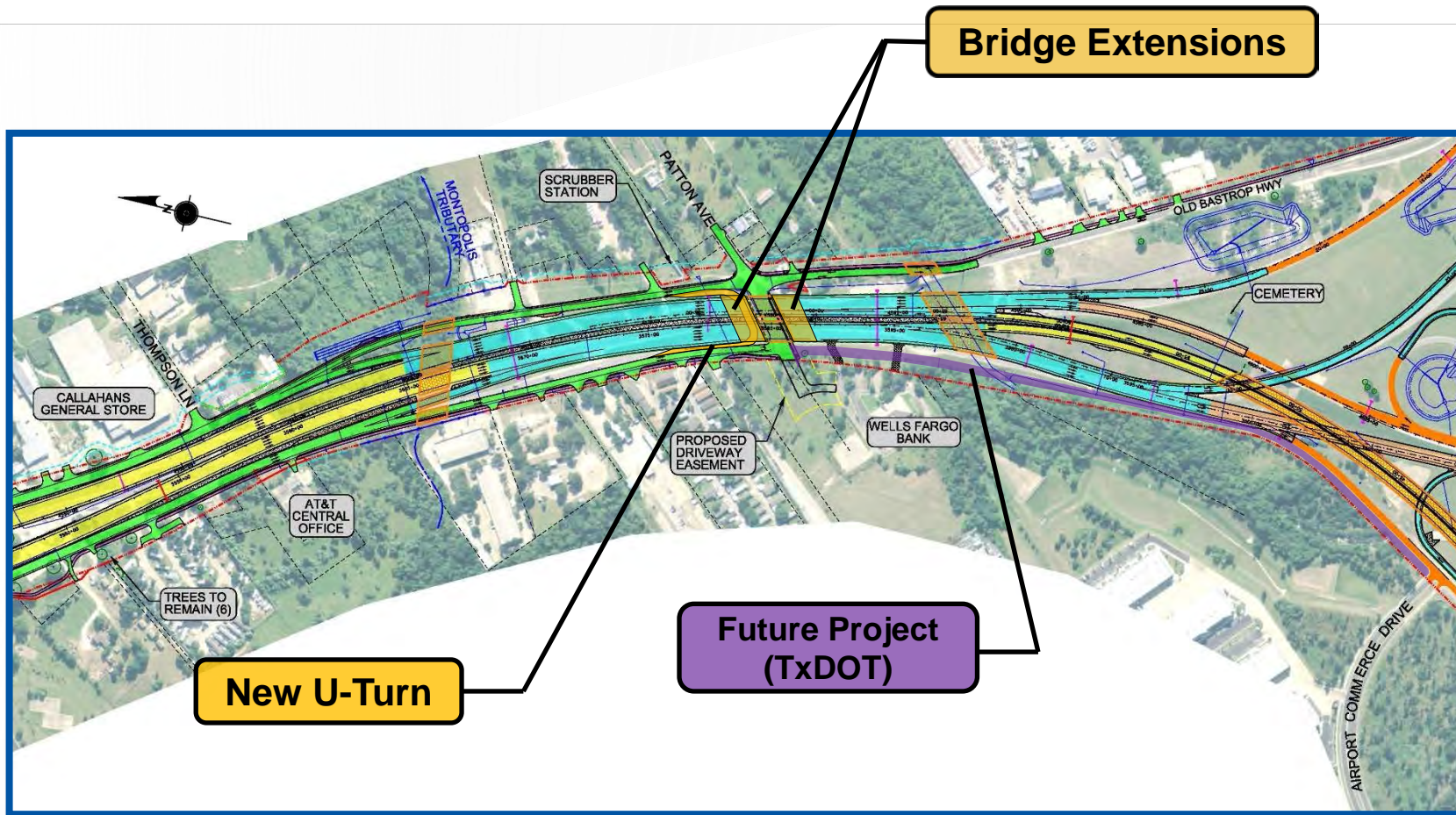


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<b>EXECUTED CONTRACT VALUE</b>		<b>\$581,545,700</b>
<b>Total Project Contingency</b>		<b>\$47,860,000</b>
<b>Obligations</b>	<b>CO#1</b> City of Austin ILA Adjustment	<b>(\$2,779,934)</b>
	<b>CO#2</b> Addition of Coping to Soil Nail Walls	<b>\$742,385</b>
	<b>CO#4</b> Greenroads Implementation	<b>\$362,280</b>
	<b>CO#6</b> 51st Street Parking Trailhead	<b>\$477,583</b>
	Others Less than \$300,000 (4)	<b>(\$45,957)</b>
	<b>EXECUTED CHANGE ORDERS</b>	<b>(\$1,243,643)</b>
	<b>Change Orders in Negotiations</b>	<b>\$5,700,000</b>
	<b>Potential Contractual Obligations</b>	<b>\$11,190,000</b>
<b>Total Project Obligations</b>		<b>\$15,650,000</b>
<b>Remaining Project Contingency</b>		<b>\$32,210,000</b>



## Patton Avenue Interchange Revisions

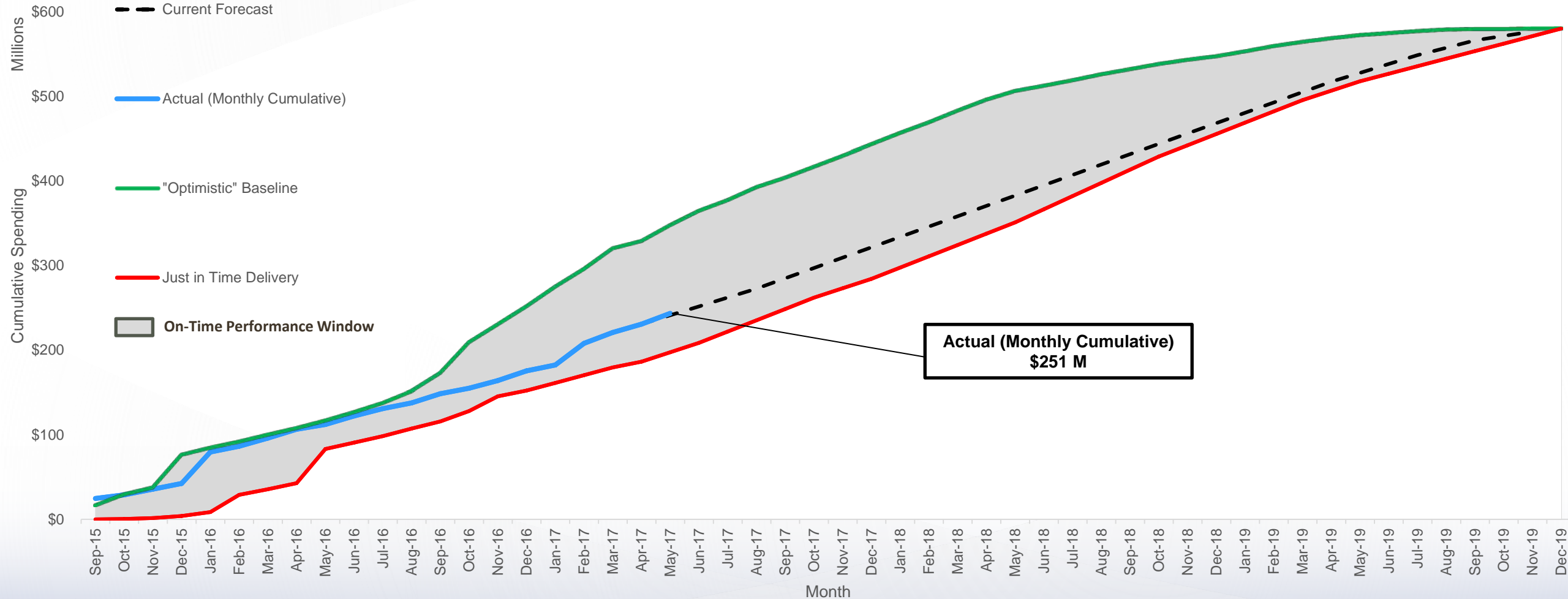
- Better Circulation at Intersection
- Greater Flexibility to adapt to growth



# Cash Flow Diagram



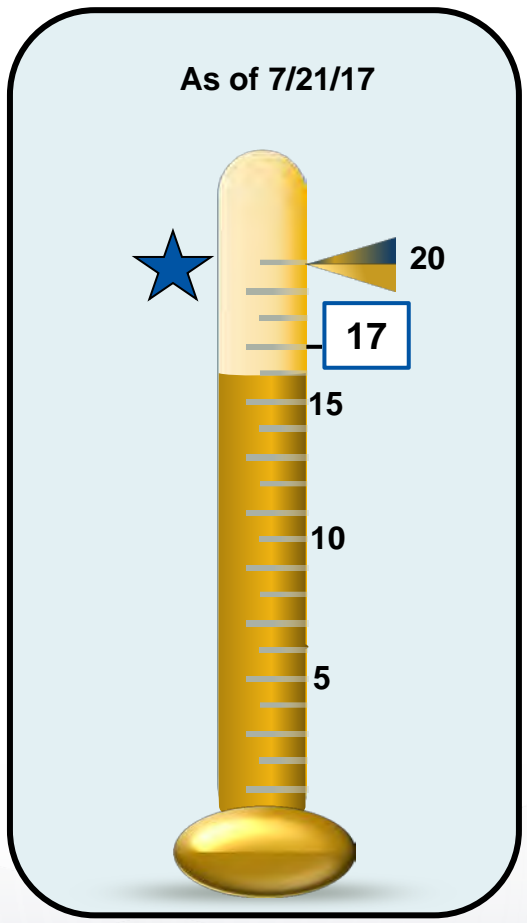
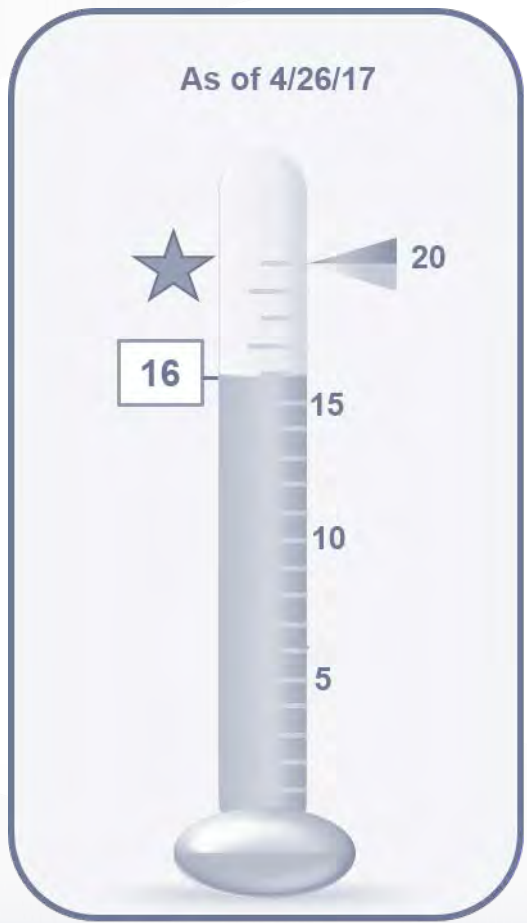
Through May 21, 2017



**Actual (Monthly Cumulative)**  
**\$251 M**



## Permitted Packages



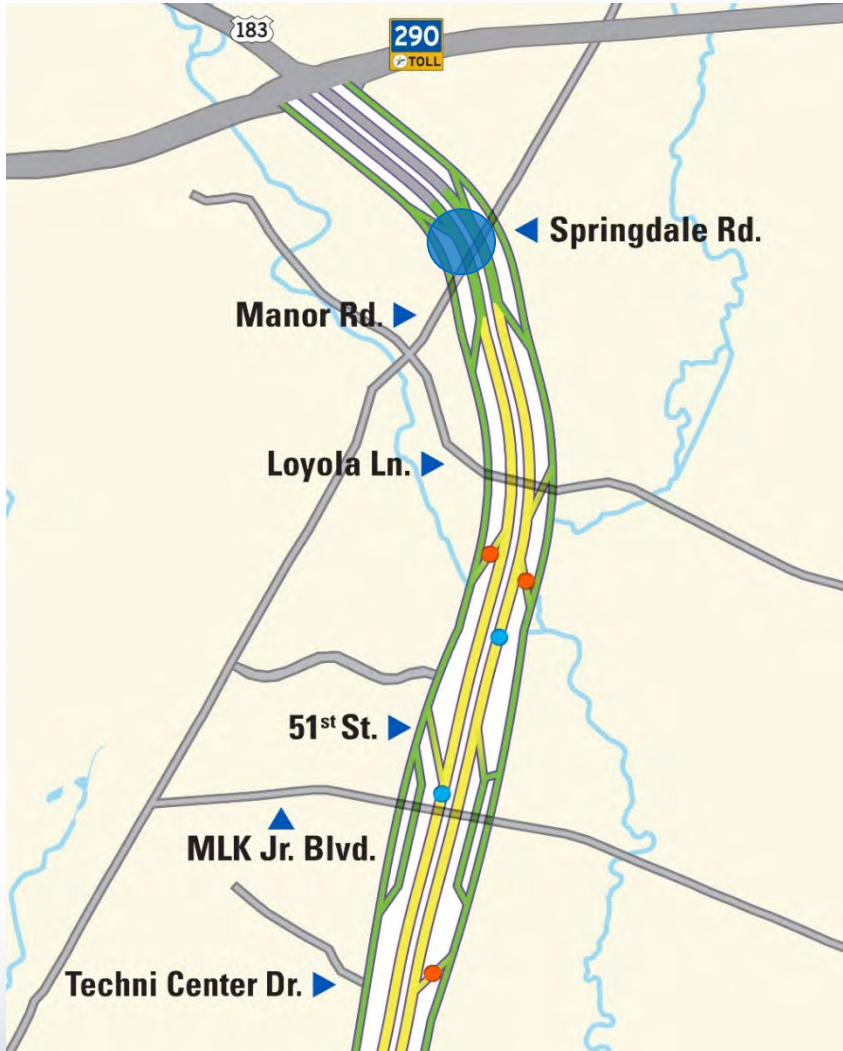


# Construction Photos





# Construction Activities: Manor/Springdale





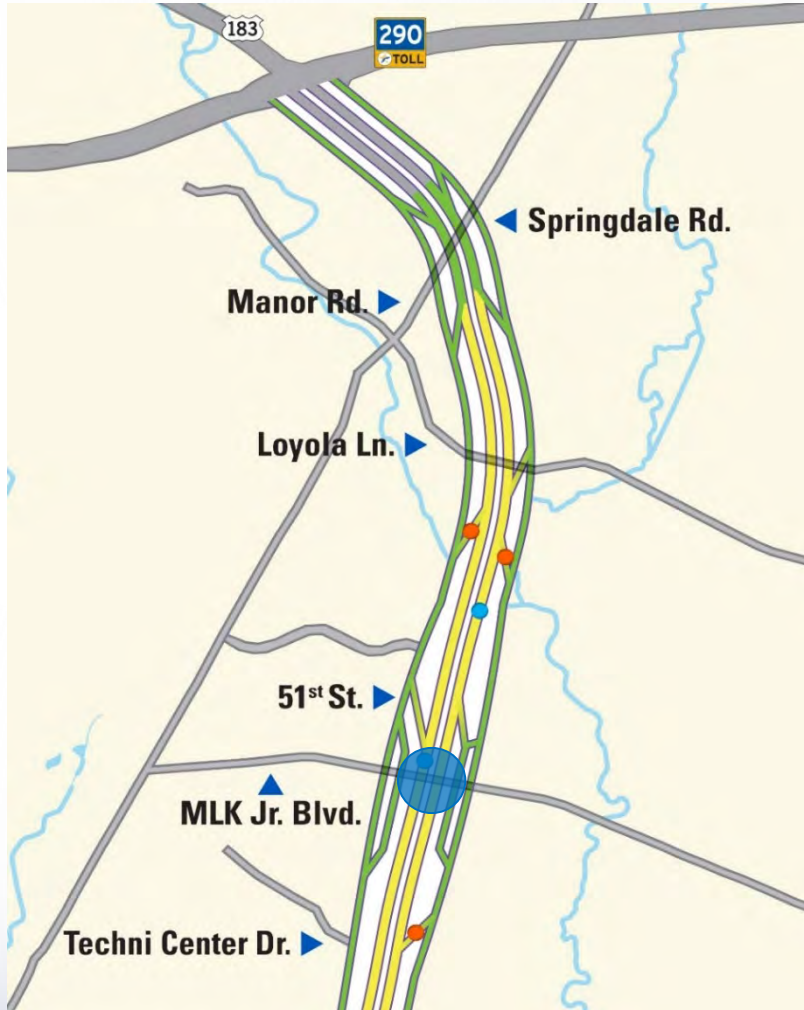








# Construction Activities: FM 969 / MLK



**MLK – Prior to June 19th**



# Construction Activities: FM 969 / MLK ( June 22<sup>nd</sup> )

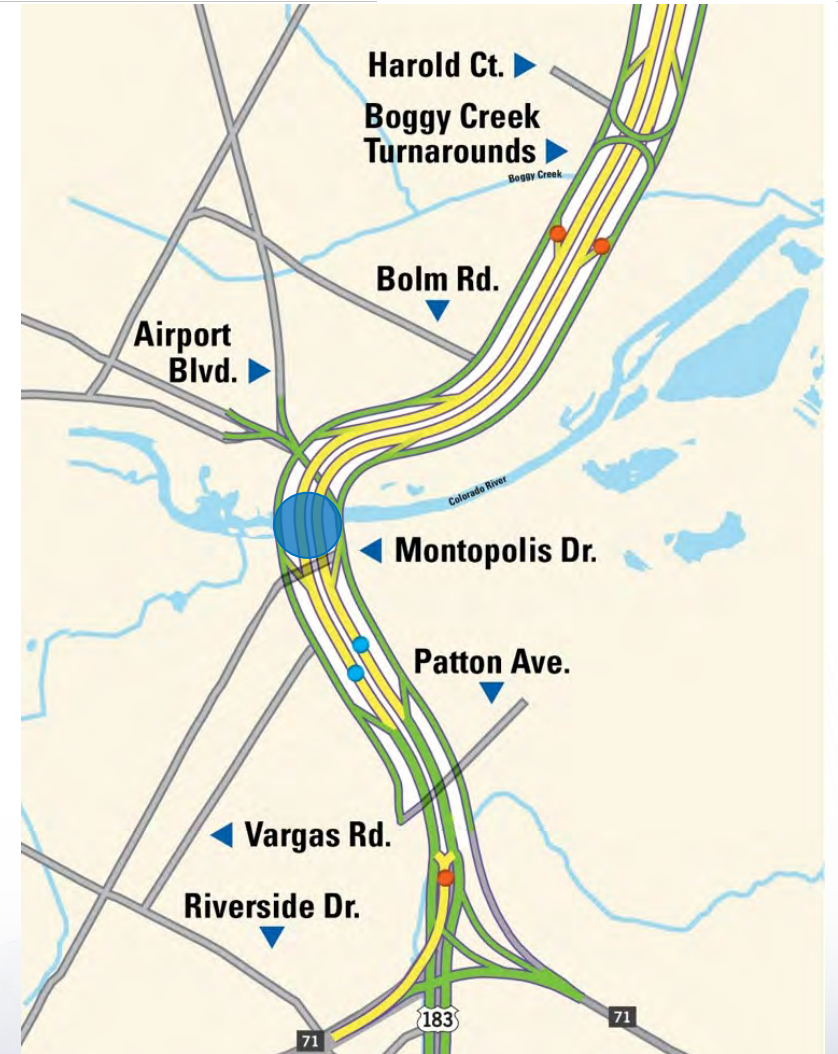








# Construction Activities: Colorado River





# Construction Activities: Colorado River



**April 2017**



**June 22, 2017**



# Construction Activities: Colorado River





# Good Neighbor Program



## Sponsored eight community events

- Held appreciation events for the Knollwood on the Colorado, Cavalier Park and Craigwood neighborhoods
- Participated in YMCA Splash Day
- Sponsored Montopolis Little League Awards Ceremony
- Hosted Block Party at YMCA for LBJ, Senate Hills and Springdale Hills neighborhoods
- Sponsored People Organized in Defense of Earth and her Resources' Young Scholars for Justice Leadership Development Program
- Sponsored Keep Austin Beautiful Clean Sweep





## Coordination meetings occurred with the following groups:

- First Tee Executive Committee
- El Concilio, a coalition of Mexican-American Neighborhoods
- Montopolis Neighborhood Association
- University Hills Neighborhood Association
- Ruiz Library event
- City of Austin / BPMS 150 Bike Ride
- Jenkins Organization, Inc. Self-Storage



# Good Neighbor to Business Incentive Program



## Kicked off program to incentivize project staff to patronize corridor businesses

- Workers submit receipts for purchases made at participating businesses for a chance to win a \$50 gift card to an eligible retailer
- Bi-weekly drawings held to award winners



### Visit any of the following businesses to participate:

#### Springdale/Manor

China Kitchen  
Cricket Wireless  
Dollar Tree  
HEB  
KFC  
O'Reilly Auto Parts  
Pizza Patron  
Rent A Center  
Shell on Purple Sage  
Subway

#### MLK Jr. Blvd. (FM969)

Burger King  
Cocina Economica Mayra  
(Food Truck)  
Craigwood Food Mart  
El Norteno (Food Truck)  
Q Mart  
Quiznos  
Shell  
Tocho Morrocho (Food Truck)

#### Loyola Lane

7-11  
Exxon  
Jack in the Box

#### Techni Center Dr.

Exxon  
Shell  
Subway

#### Patton Ave.

Callahan's General Store

SPONSORED BY  COLORADO RIVER  
CONSTRUCTORS





## The Mobility Authority is developing an agency-wide Workforce Development Program

- Mario Espinoza is leading the effort and developing the program
- Meetings are taking place with various program providers and community groups
- Initial focus is on 183 South Project
- Colorado River Constructors has already hired 15 workers through local job training programs



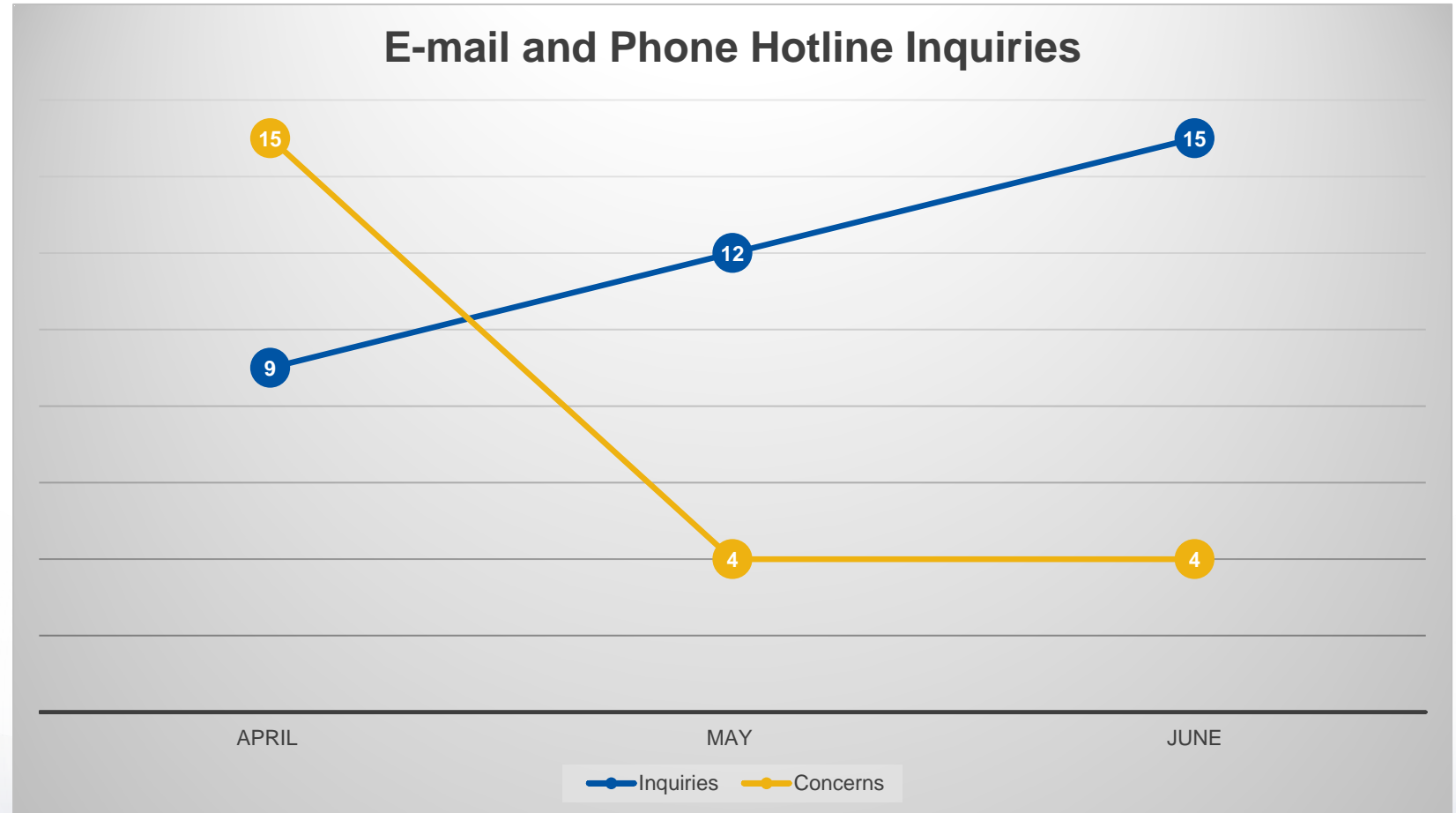


# Status of Public Inquiries



The project team receives inquiries via a 24/7 phone hotline and via email through the project website

Majority of concerns related to signal timing at intersection of US 183 and FM 969 (MLK Jr. Blvd.) during lane reduction





# Quarterly briefing on projects under construction B. SH 45SW Project

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## Agenda Item #11B

Justin Word, P.E., Director of Engineering

July 26, 2017



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# SH 45SW Overview



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Regional Mobility Authority

MILESTONE	DATE
Construction Contract Executed	November 1, 2016
Construction Notice to Proceed Effective	November 8, 2016
Begin Construction	November 8, 2016
Substantial Completion	Summer 2019





# SH 45SW Design/Bid/Build Project



**EXECUTED CONTRACT VALUE**

**\$75,103,623**

**Total Project Contingency**

**\$7,520,000**

**Obligations**

**CO#1** Asbestos Removal

**\$1,962**

**CO#2** TCEQ Protection Plan

**\$103,773**

**EXECUTED CHANGE ORDERS**

**\$105,735**

**Change Orders in Negotiations**

**\$0**

**Potential Contractual Obligations**

**\$5,380,000**

**Total Project Obligations**

**\$5,490,000**

**Remaining Project Contingency**

**\$2,030,000**

**Change Order  
Status 7/13/17**





- **Overall project 24% complete**

- **Current Construction Activities**

- Foundation work underway at MoPac Interchange
- Embankment operations from FM 1626 to Bliss Spillar ongoing
- Temporary bridge at Bear Creek complete
- Retaining wall construction at Bear Creek Bridge and Bliss Spillar underway
- Storm sewer construction and AT&T relocation ongoing

- **Upcoming Construction Activities**

- Concrete beam placement and deck pour for Bear Creek Bridge
- Column and cap construction at MoPac interchange
- Retaining wall construction at MoPac interchange
- Pond excavation at MoPac interchange
- Temporary widening of MoPac and SH 45 for Danz Creek Bridge widening





**Embankment  
Operations and  
Placing of  
BMPs**





**Placing  
Concrete and  
Grading at Bear  
Creek Bridge**





**Setting Panels  
for MSE Walls  
South of Old  
Bliss Spillar**







# Monthly briefing on the MoPac Improvement Project

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## Agenda Item #12

Steve Pustelnyk, Director of Community Relations

July 26, 2017



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# Construction Progress





US 183

US 183

RM 2222

RM 2222

Hancock Dr.

Hancock Dr.

45th St.

45th St.

35th St.

35th St.

Westover Rd.

Westover Rd.



Windsor Rd.

Windsor Rd.

Enfield Rd.

Enfield Rd.

Lake Austin Blvd.

5th St.

Cesar Chavez St.

Lady Bird Lake

Friction Course Paving





# Friction Course Paving



EXPRESS LANE CLOSED

EXPRESS LANE CLOSED

PAY BY TxTag Mail

SOUTH  
EXPRESS 1 TOLL  
↓

EXPRESS LANE  
EXIT TO  
RM 2222  
Northland Dr ↗

EXPRESS LANE  
EXPRESS 1 TOLL  
ENTRANCE  
1/2 MILE  
LEFT LANE

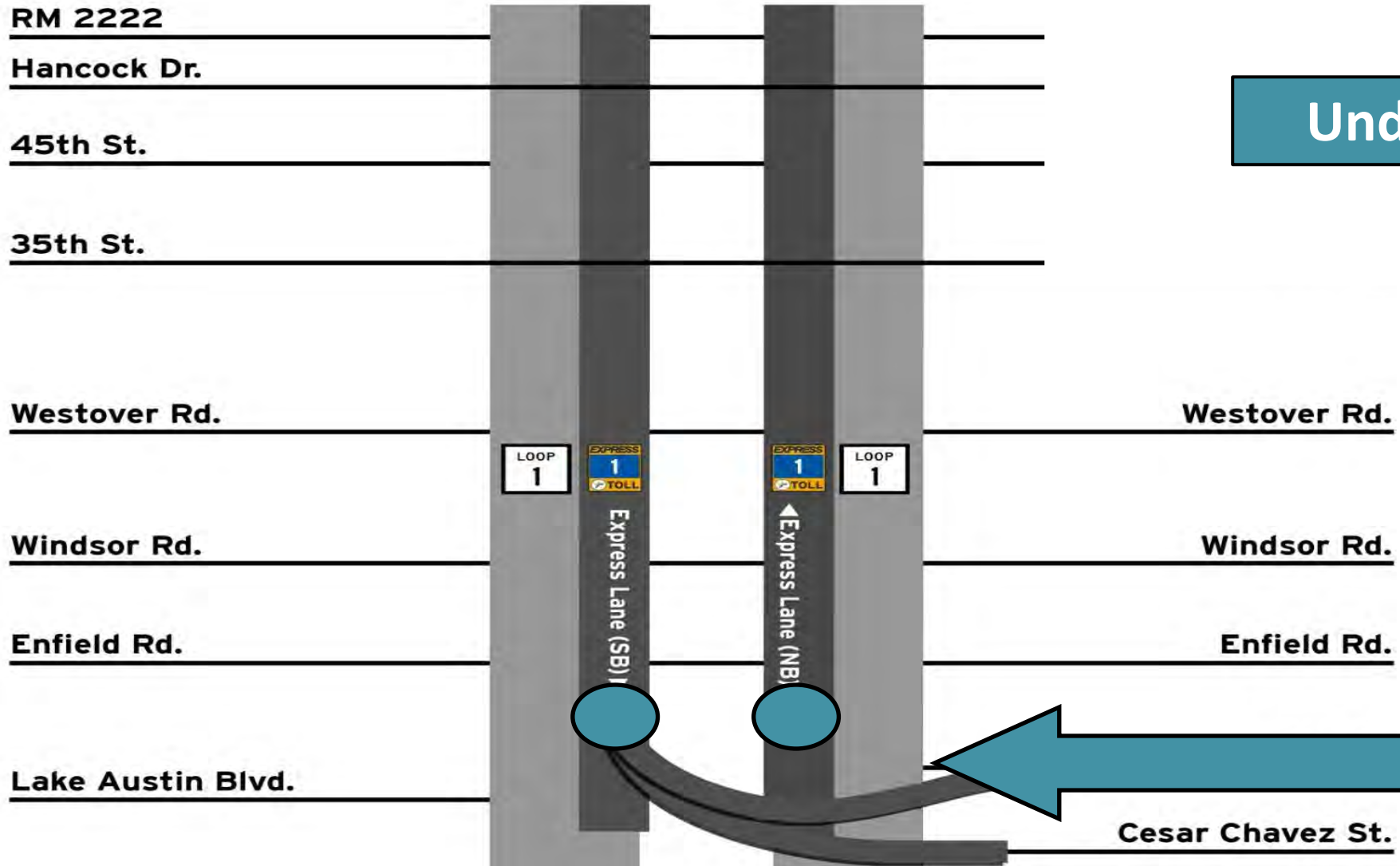
DO NOT CROSS DOUBLE WHITE LINE

DO NOT CROSS DOUBLE WHITE LINE

UNEVEN LANE GROOVE



# Section 3 & 4 – Cesar Chavez to RM 2222



Underpasses

Lady  
Bird Lake



# Northbound Underpass

June 2017





# Northbound Underpass

July 2017





# Southbound Underpass

July 2017









# Roadway Widening

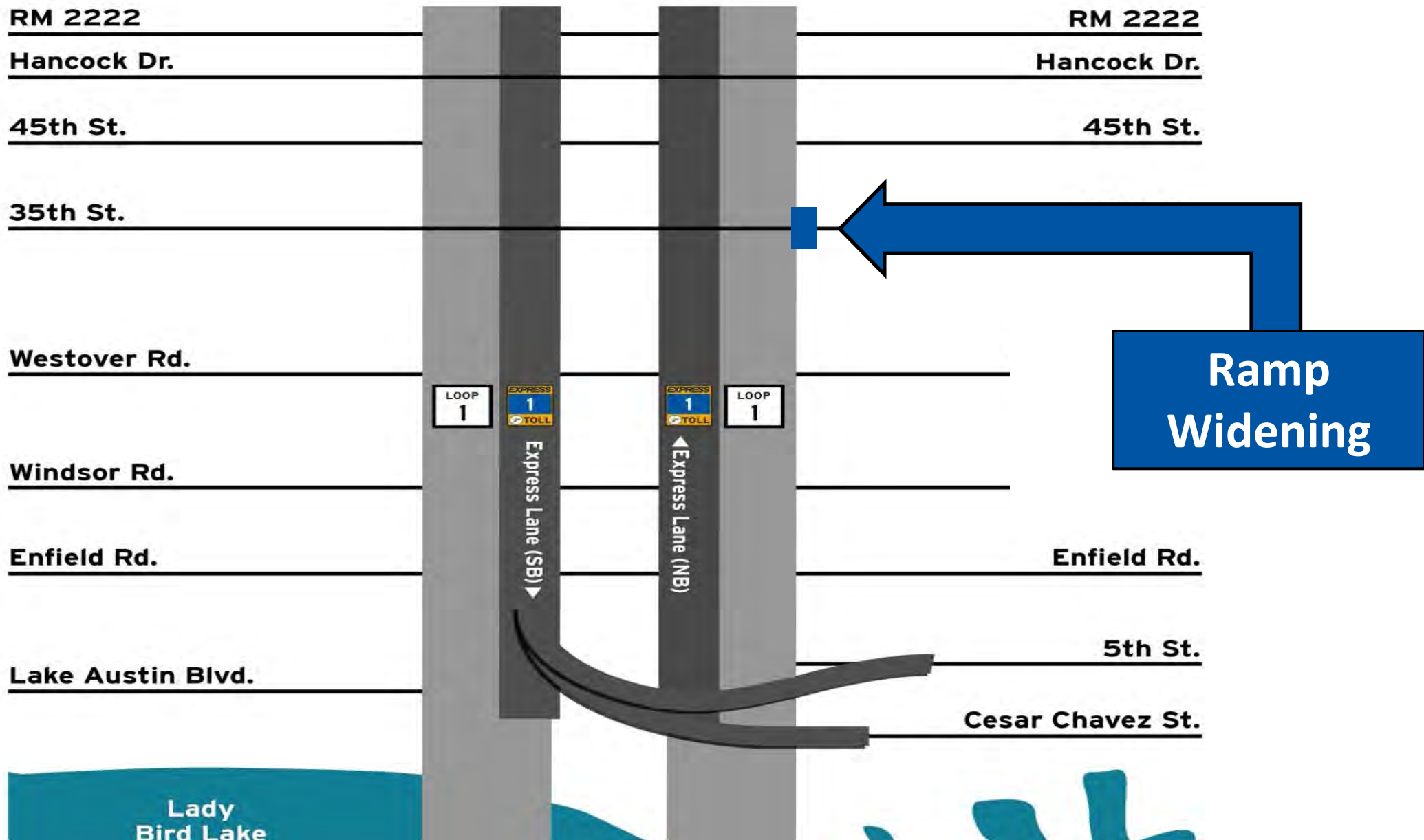


35TH ST  
CAMP MABRY  
RIGHT LANE

EXIT ONLY



# Section 3 & 4 – Cesar Chavez to RM 2222



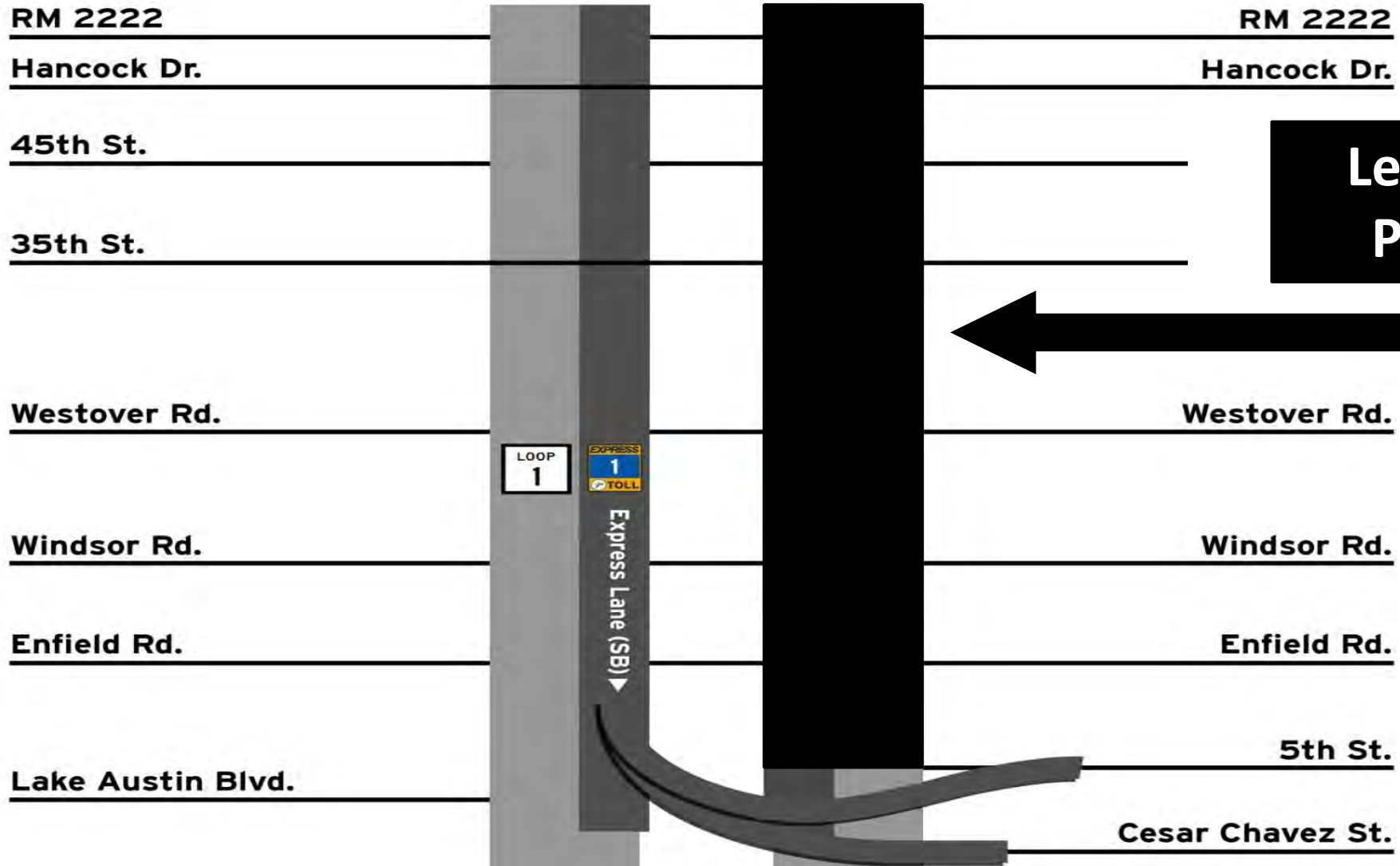


# 35<sup>th</sup> Street Ramp Widening





**Section 3 & 4 – Cesar Chavez to RM 2222**



RM 2222

Hancock Dr.

45th St.

35th St.

Westover Rd.

Windsor Rd.

Enfield Rd.

Lake Austin Blvd.

RM 2222

Hancock Dr.

Westover Rd.

Windsor Rd.

Enfield Rd.

5th St.

Cesar Chavez St.

**Level Up  
Paving**

LOOP  
1

EXPRESS  
1  
TOLL

Express Lane (SB) ↓

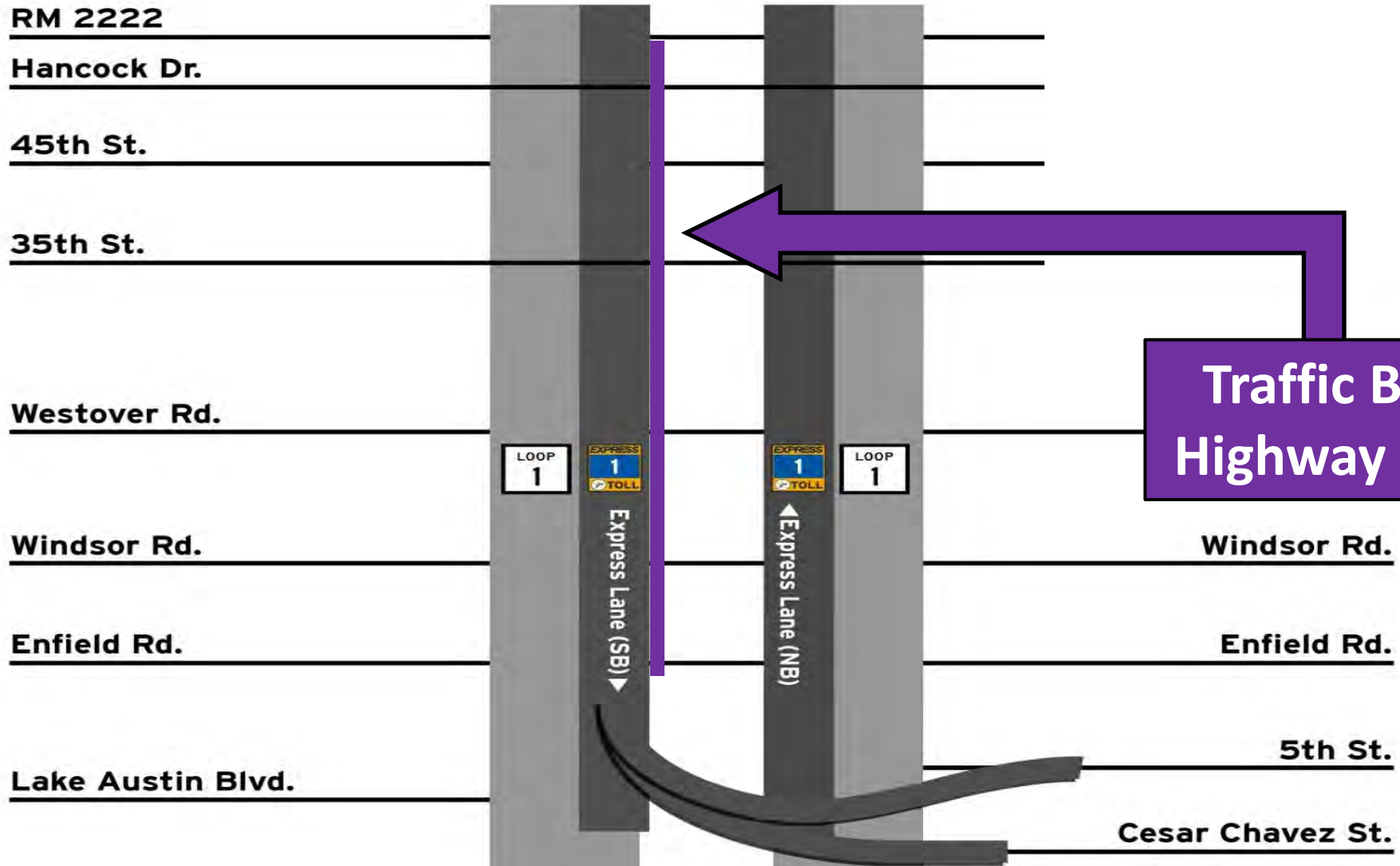


# Level Up Paving





# Section 3 & 4 – Cesar Chavez to RM 2222



Traffic Barrier/  
Highway Lighting





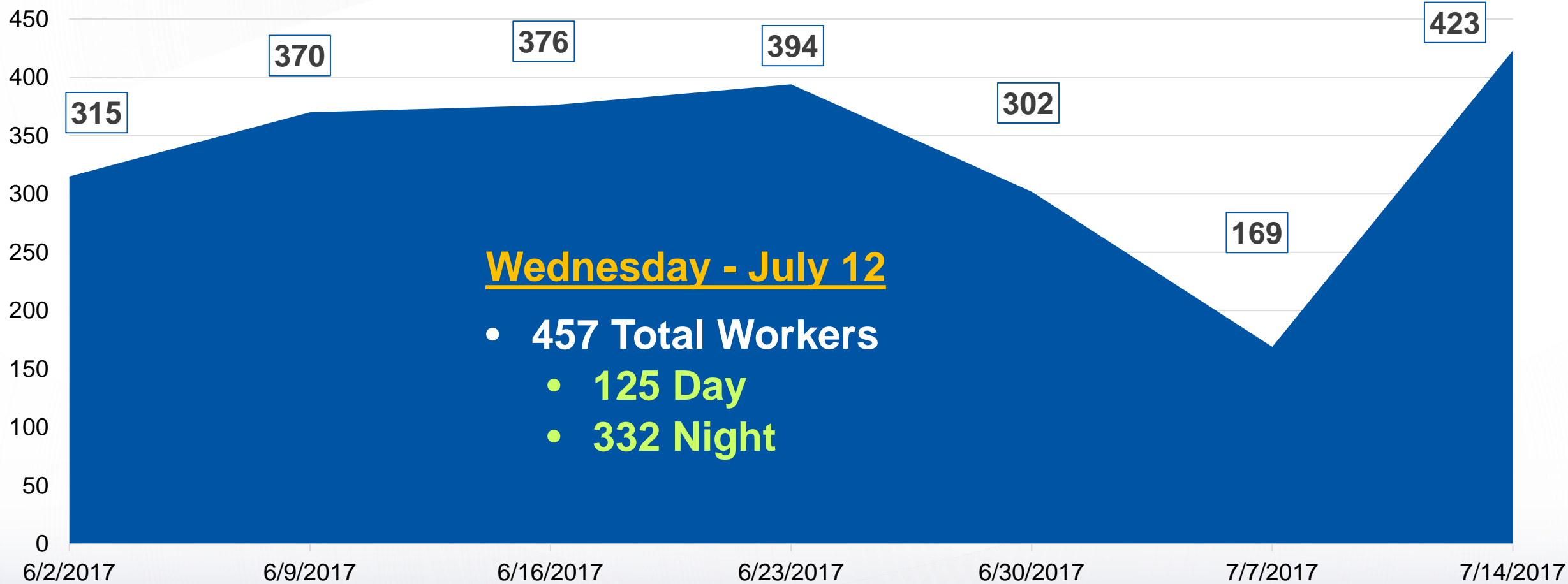
# Traffic Barrier/ Highway Lighting







## Average Daily Workers



### Wednesday - July 12

- 457 Total Workers
  - 125 Day
  - 332 Night

■ Workers





- Northbound auxiliary lane from 35th Street to 45th Street
  - reopen to traffic
- Northbound 35<sup>th</sup> Street exit ramp
  - complete widening
- Southbound RM 2222 to Cesar Chavez Street
  - begin milling and level up paving
- Northbound Cesar Chavez Street to RM 2222
  - begin friction course paving



# Executive Director's Report

## A. MoPac South

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### Agenda Item #13A

Justin Word, P.E., Director of Engineering

July 26, 2017



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# MoPac South Environmental Study



## • Overall Project Timeline



## • Preliminary Planning Timeline



\* Actual schedule is contingent upon lawsuit.

\* Does not include formal consultation with US Fish and Wildlife Services.



# Executive Director's Report

## B. Oak Hill Parkway

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### Agenda Item #13B

Dee Anne Heath, Director of External Affairs

July 26, 2017



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Regional Mobility Authority





## WHAT ARE WE STUDYING?

Proposal to add three tolled lanes in each direction and upgrade the existing non-tolled general purpose lanes along approx. four miles of US 290 and one mile of SH 71 in southwest Austin.

## UPDATE:

- Held Project Update Workshop on May 23 with over 90 attendees from the general public
- Continued outreach to key stakeholders
- Continued coordination with TxDOT as their team works to finalize the draft schematic design and Draft Environmental Impact Statement
- Began efforts to plan the formal public hearing, which will be held later this year







## WHAT ARE WE STUDYING?

Proposal to add three tolled lanes in each direction and upgrade the existing non-tolled general purpose lanes along approx. four miles of US 290 and one mile of SH 71 in southwest Austin.

## SCHEDULE:

- Draft Environmental Impact Statement Release and Public Hearing: Anticipated late 2017
- Environmental Decision (ROD): Anticipated mid 2018
- Award Contract: 2019/2020 (contingent upon funding feasibility)





## **POSSIBLE UPCOMING BOARD ACTIONS (2018):**

- If build alternative moves forward, the Board may elect to declare primacy after ROD issued
- Project Development Agreement
- Potential pre-development procurements:
  - Right of Way acquisition
  - Utility coordination
  - Preliminary design
- GEC oversight work authorization



# Executive Director's Report C. 183 North

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## Agenda Item #13C

Justin Word, P.E., Director of Engineering

July 26, 2017

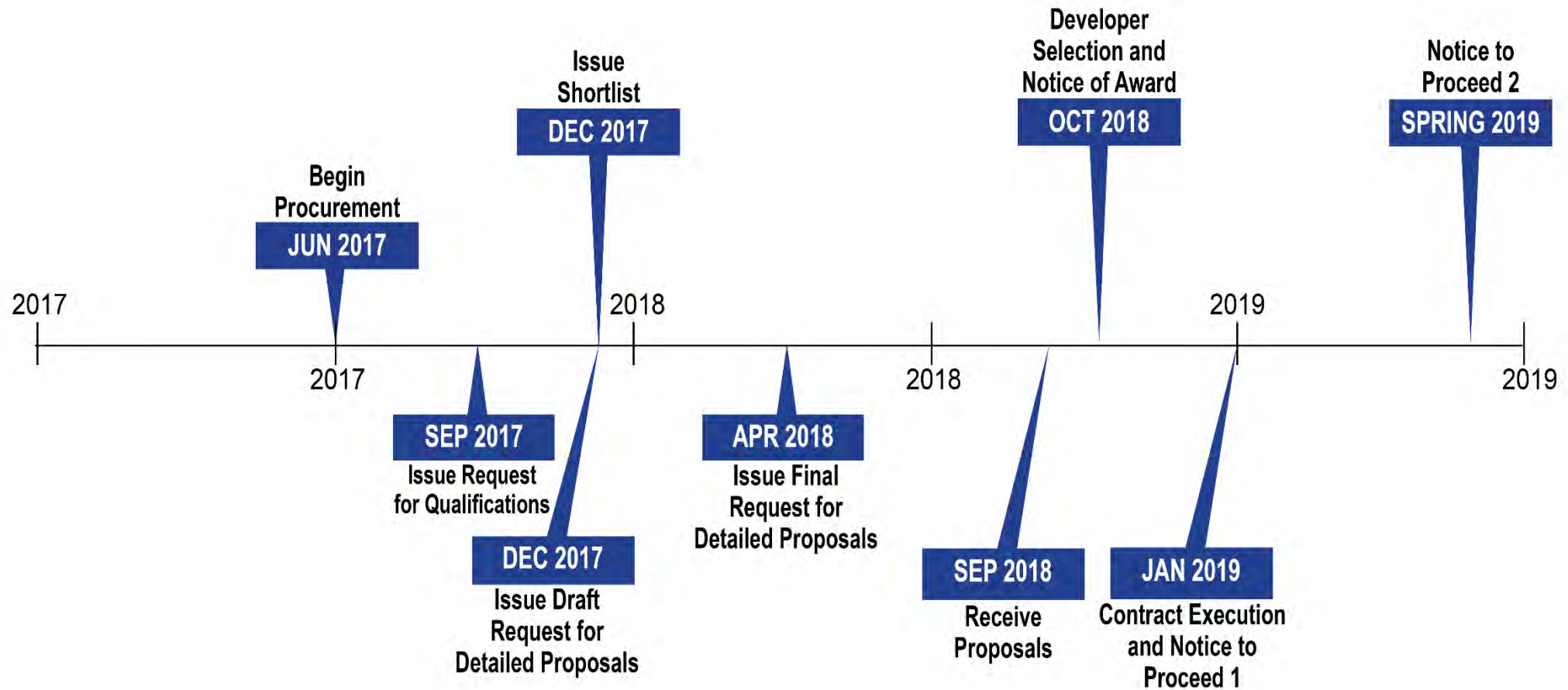


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## • Overall Project Timeline





# Executive Director's Report

## D. Letter of Interest to TIFIA

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### Agenda Item #13D

Mike Heiligenstein, Executive Director

July 26, 2017



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Regional Mobility Authority



# CapMetro Update on Project Connect

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## Agenda Item #14

Joe Clemens, Capital Metro Senior Planner

June 26, 2017



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Regional Mobility Authority





**projectconnect**

*New Transit Options for a Greater Austin*

**CTRMA Board of Directors  
Cooperating Agency Briefing  
July 26, 2017**







**METRO**



*projectconnect*

# PROJECT CONNECT OVERVIEW





# What is Project Connect?

- Central TX regionally adopted High-Capacity Transit Plan (2012)

## –Transit Working Group

- City of Austin
- City of Round Rock
- Bastrop County
- Travis County
- Hays County
- Texas Facility Commission
- Real Estate Council of Austin
- SETON Family of Hospitals
- Chamber of Commerce
- University of Texas
- Downtown Austin Alliance





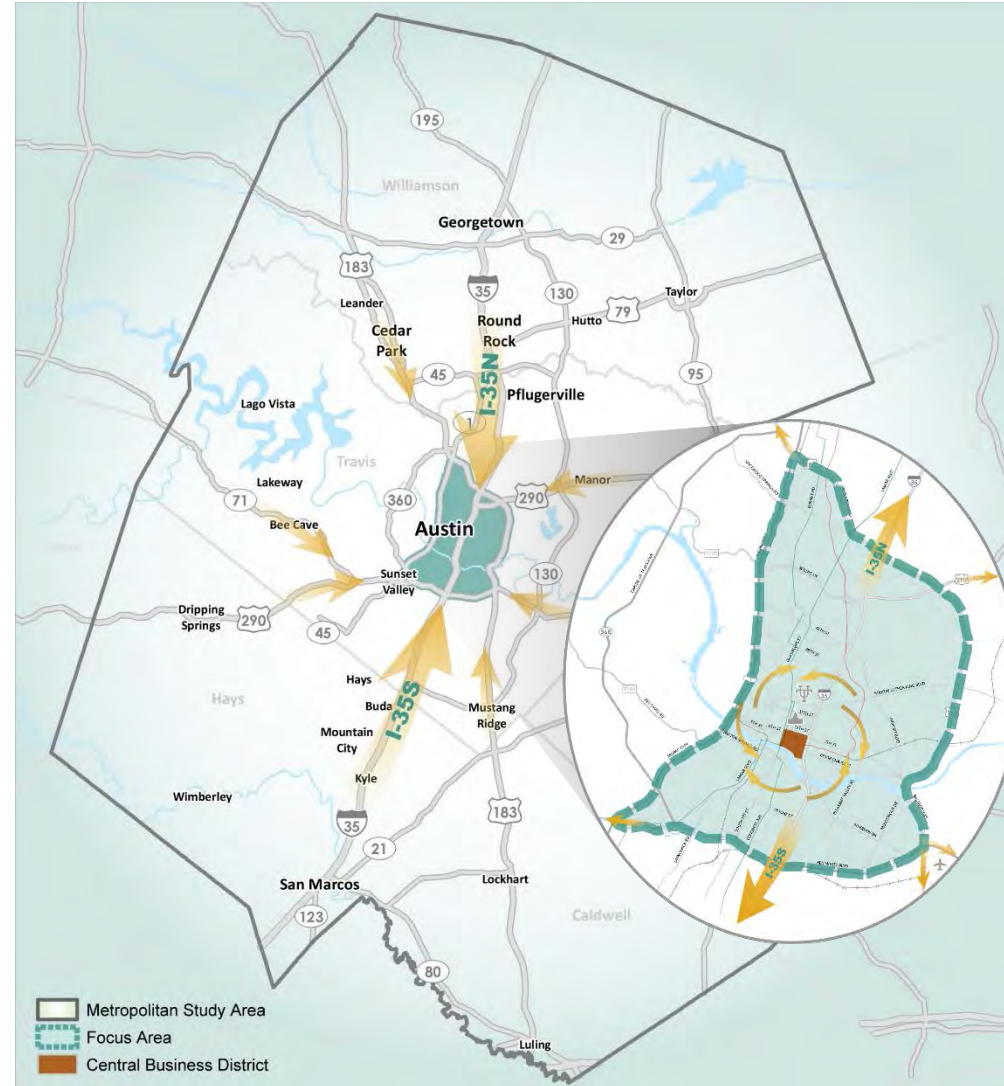


## What are we doing?

- Refine Project Connect Plan

## Why?

- Select high-capacity transit solutions for travel into, out of, & within central Austin from surrounding metro region





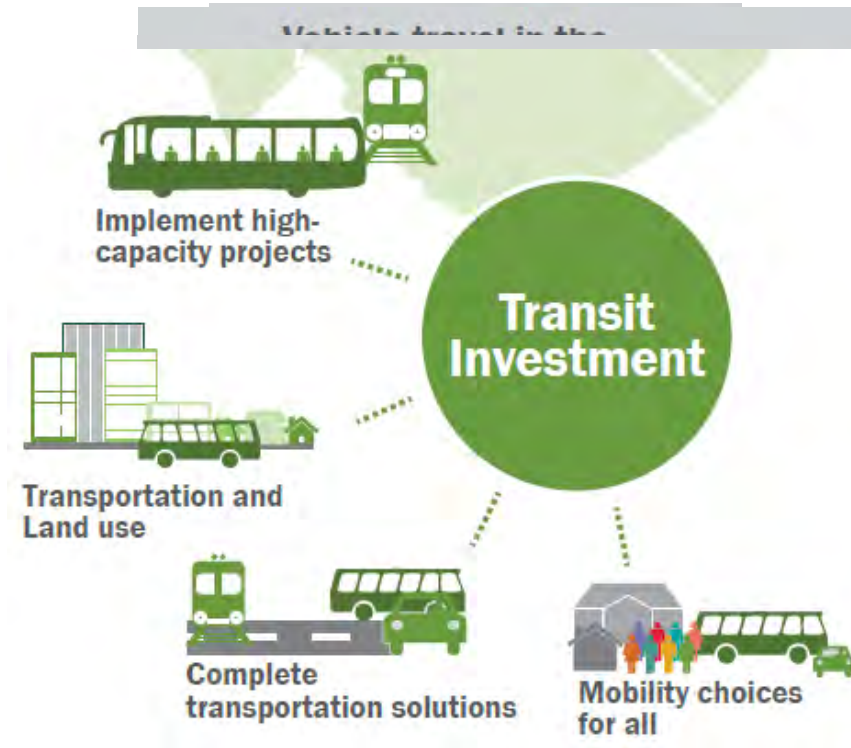


## Purpose & Needs

*The Purpose* of Project Connect is to improve existing high-capacity transit and develop new high-capacity transit that provide efficient travel options to, from, and within Central Austin from the surrounding region.

*The Needs* (Problems) to be addressed by Project Connect:

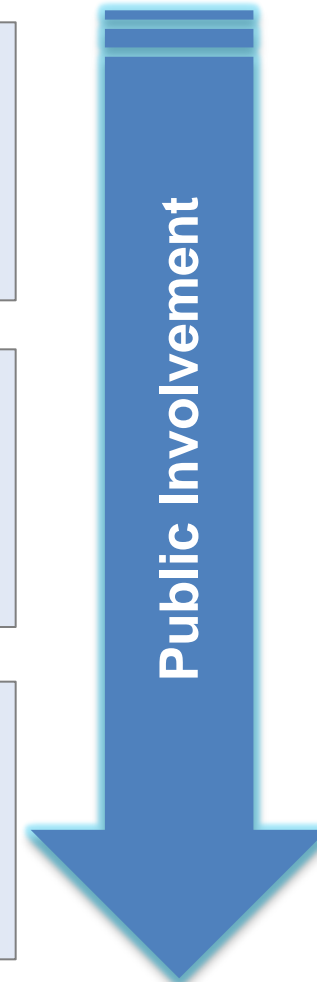
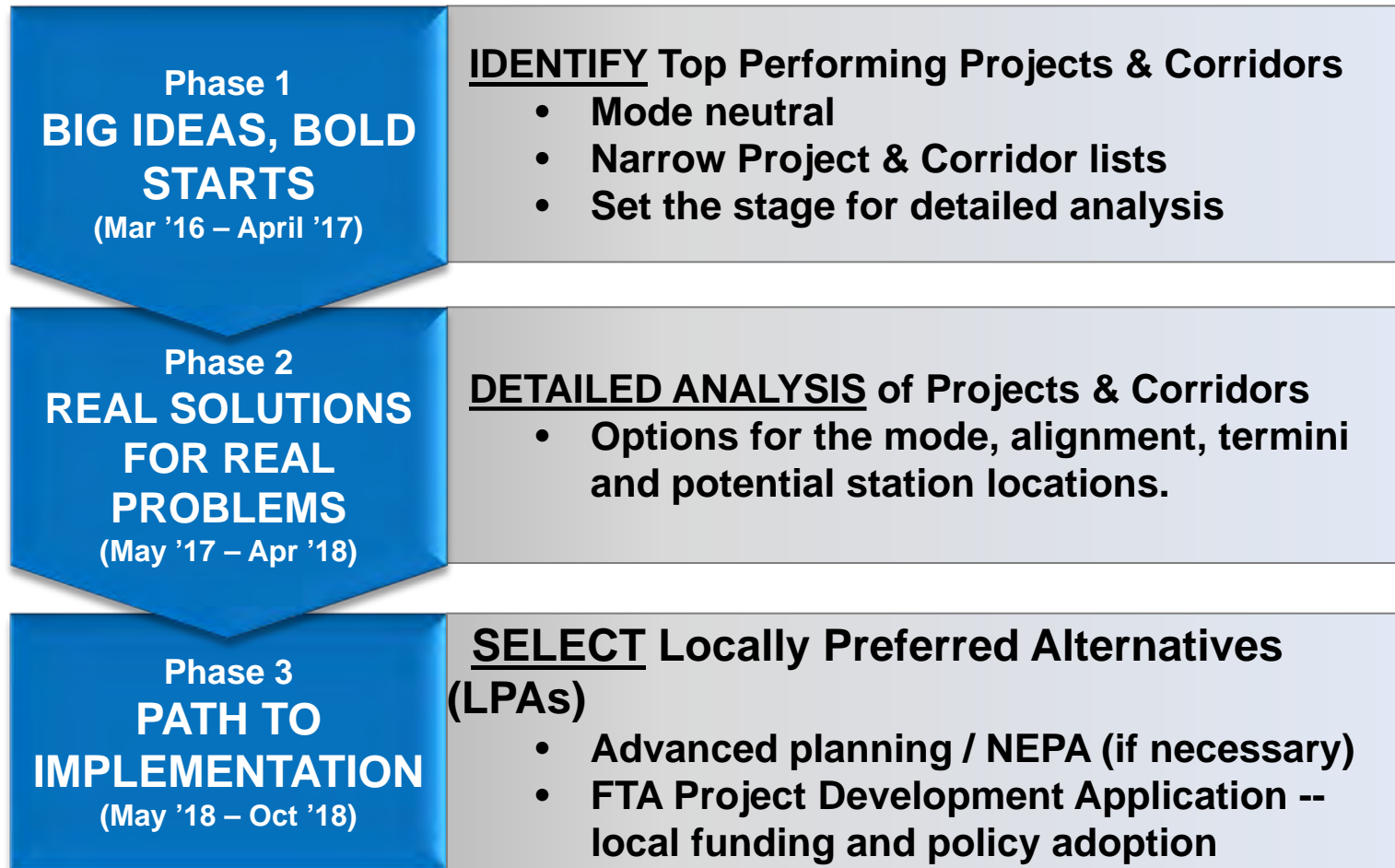
- Explosive growth
- Limited ability to build more roads
- Issues of affordability / cost of living
- Implement a regional transit system







## Phased Approach to Project Development







**METRO**



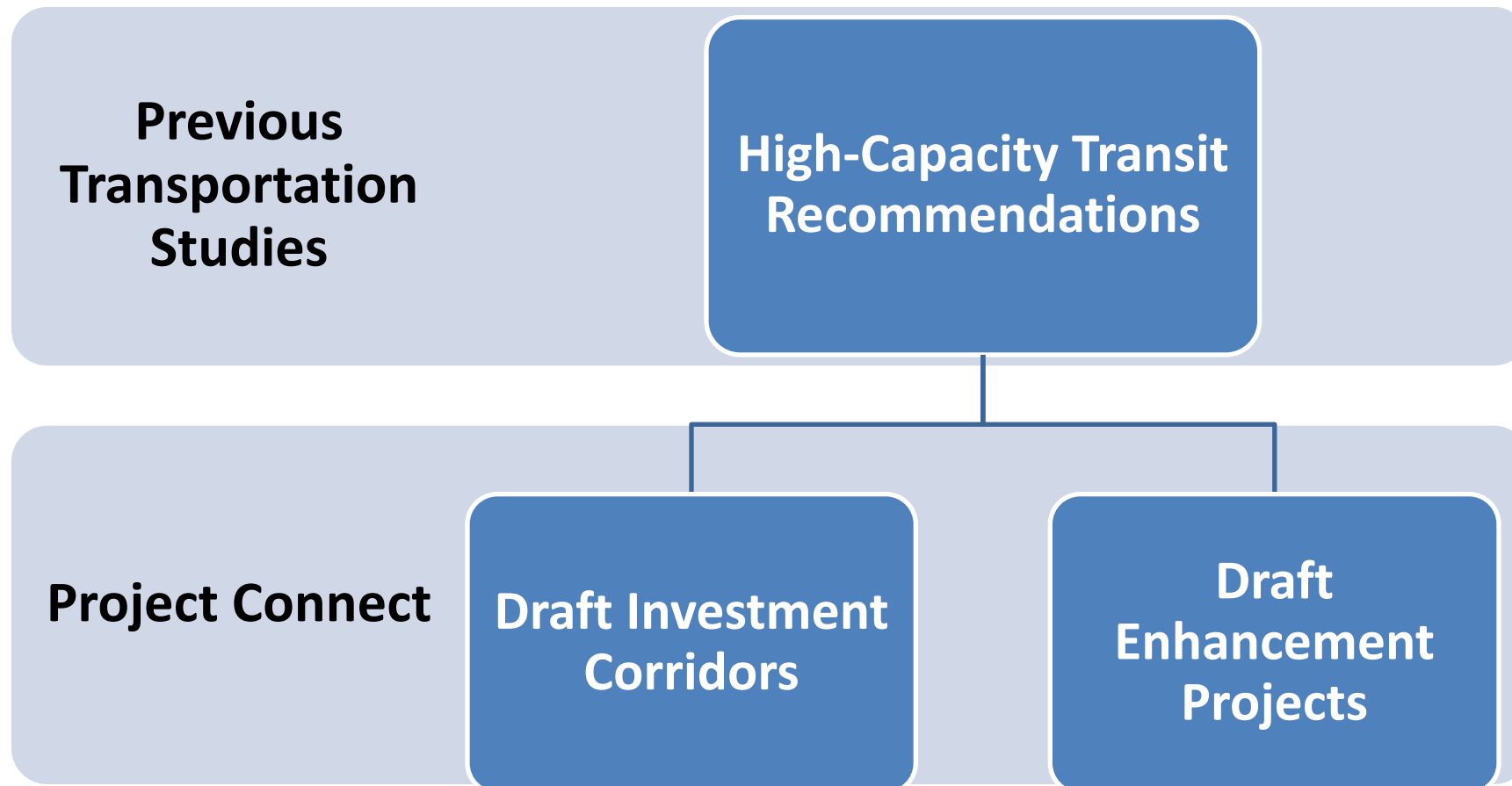
*projectconnect*

# PHASE 1 PROCESS





## Review of Regional & Local Planning Efforts







# Investment Corridors

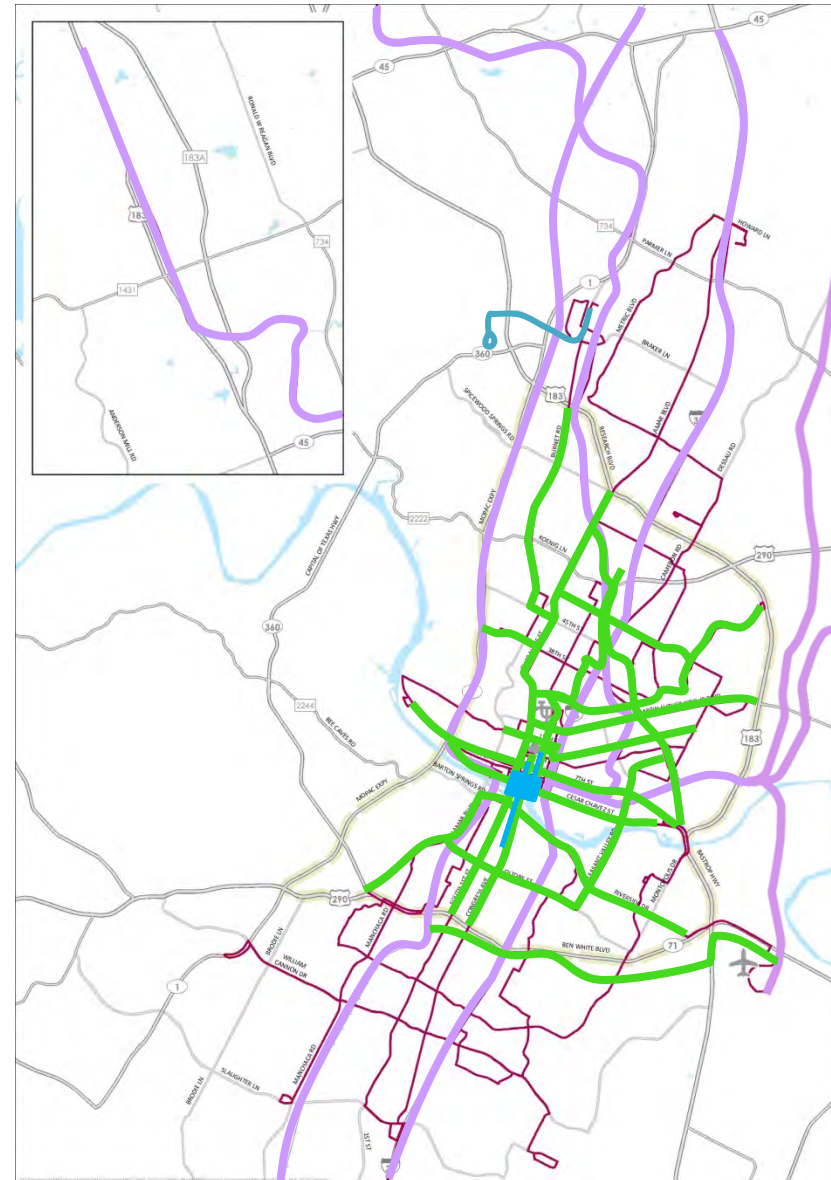
## What is an Investment Corridor?

- Roadway or railroad corridor that can support high-capacity transit
- Higher cost and longer to implement (5-10 years)

### Purpose:

Identify corridors studied for high-capacity transit under previous local planning efforts.

- Commuter Corridors
- Connector Corridors
- Circulator Corridors





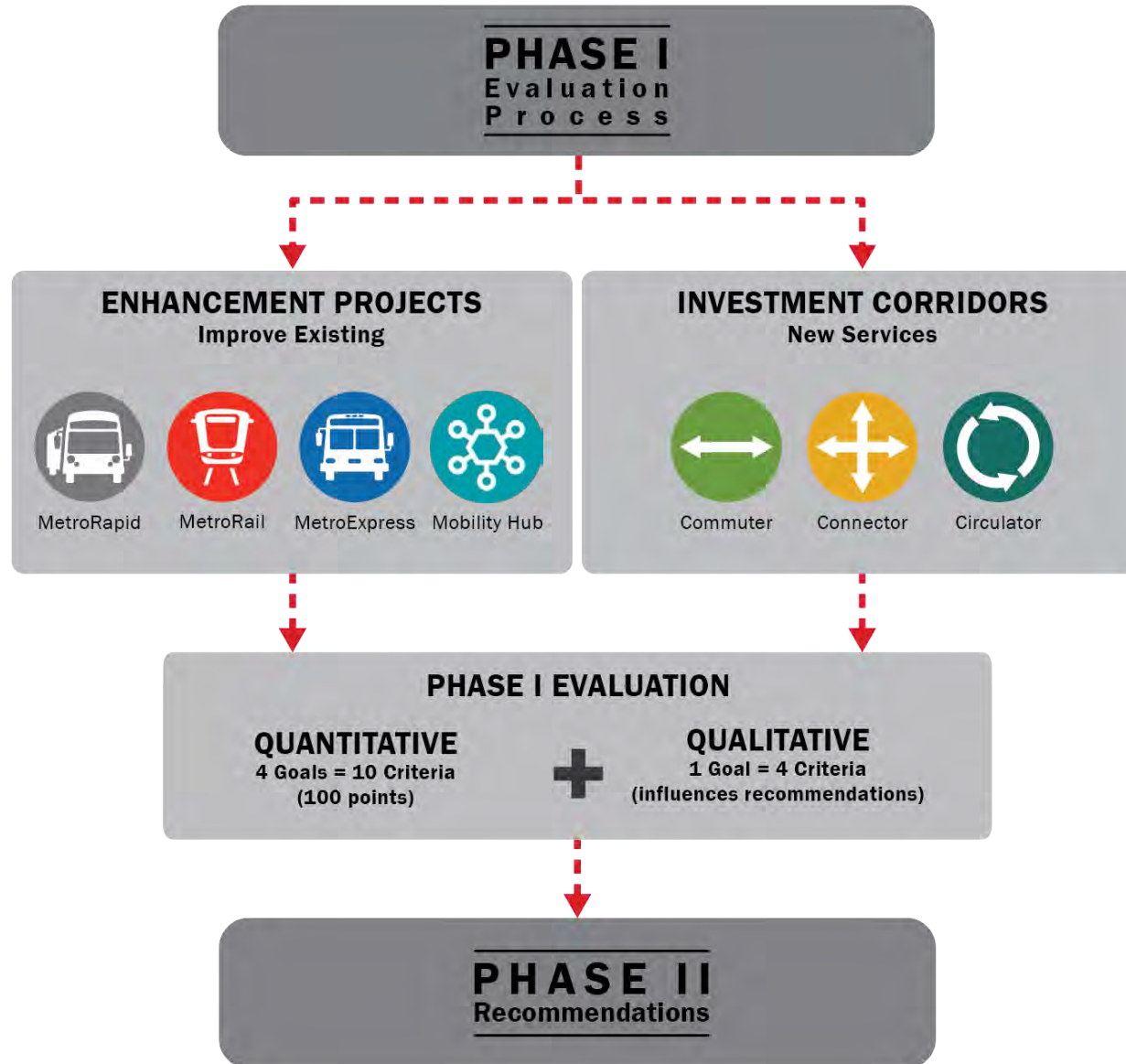


## Potential Enhancements

- MetroRail Red Line
  - station upgrades
  - grade crossing and signal improvements
  - park-n-ride expansion
- MetroRapid 801/803
  - station upgrades
  - transit priority lanes
  - intersection improvements
- MetroExpress
  - operating in North MoPac express lanes
  - park-n-ride expansion
  - transit priority access
- Mobility Hubs
  - transit centers and drop-off collection points









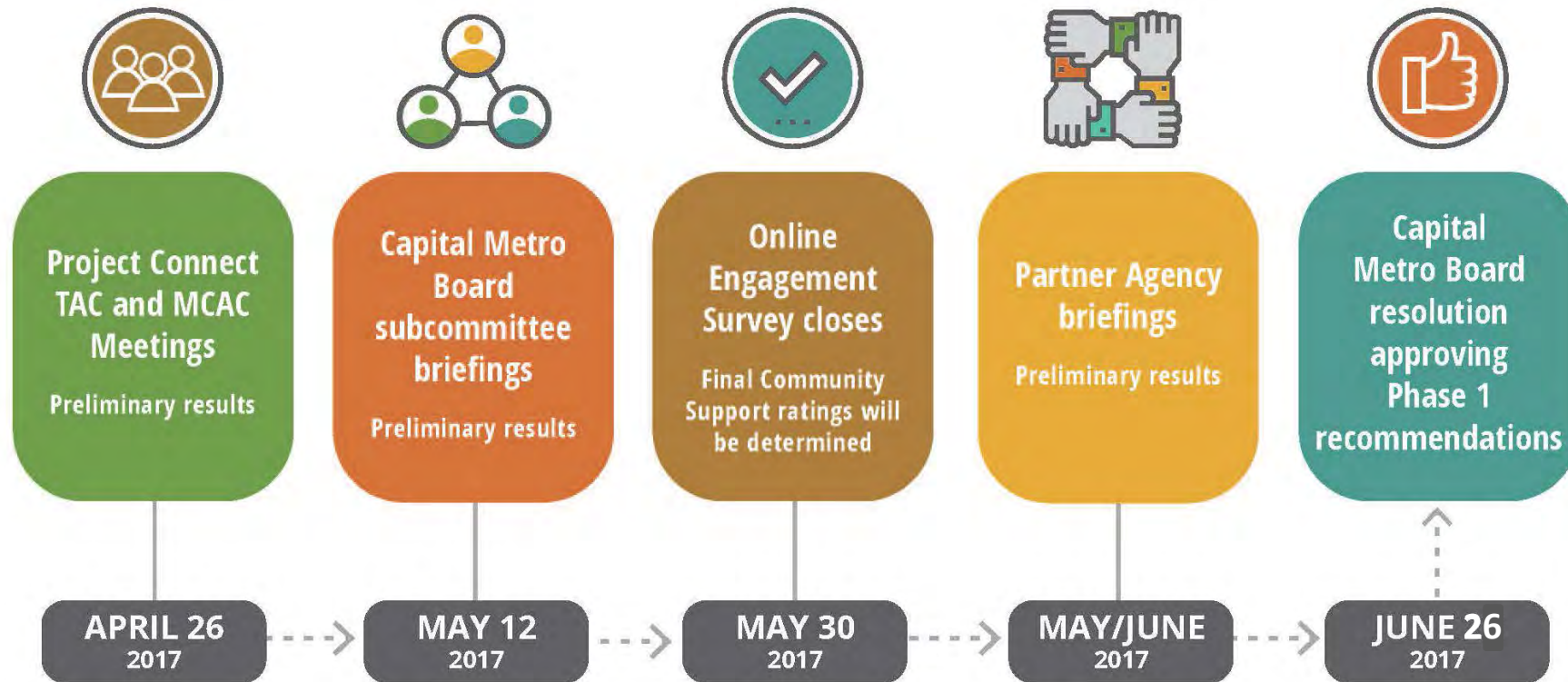


# PHASE 1 RESULTS





# Approval of Phase 1 Results & Recommendations

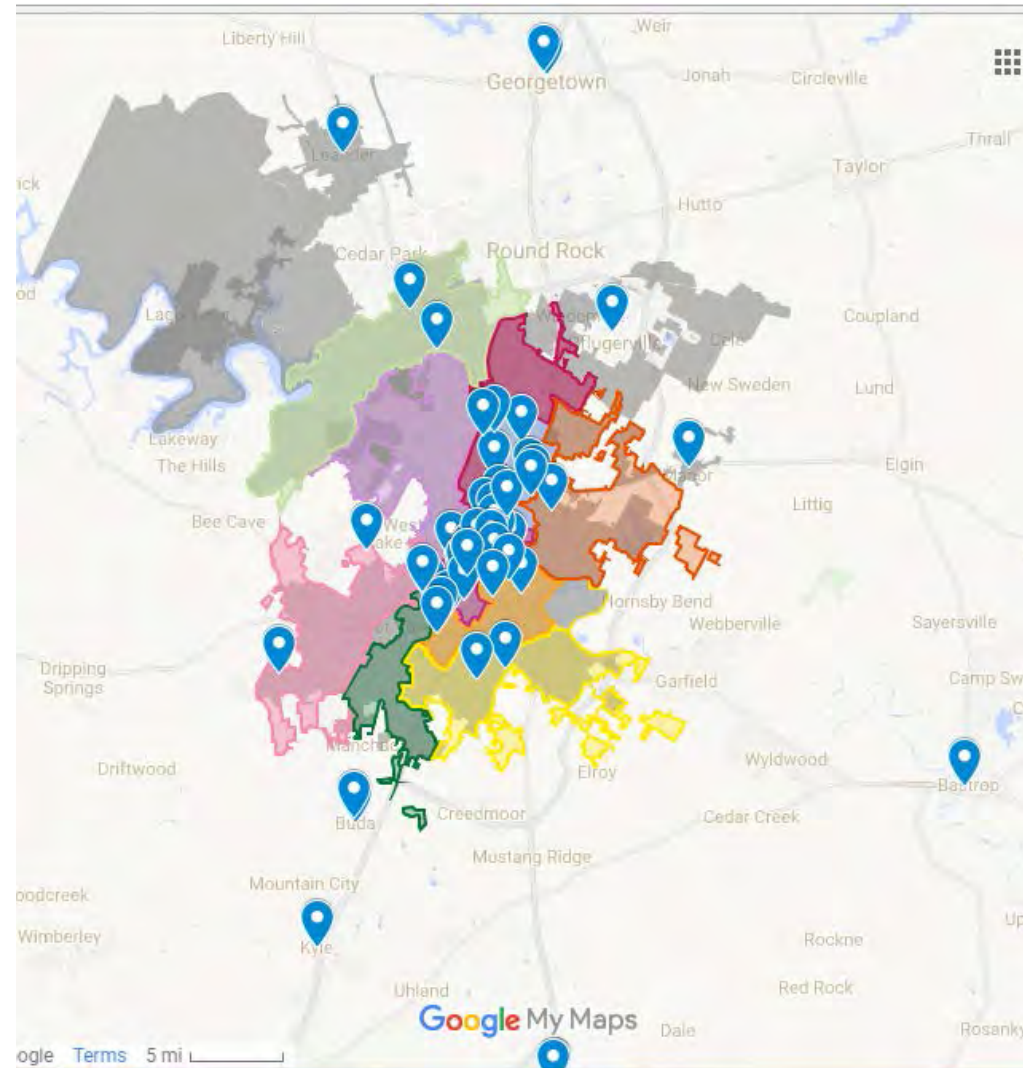






## Public Outreach – Regional Outreach Events

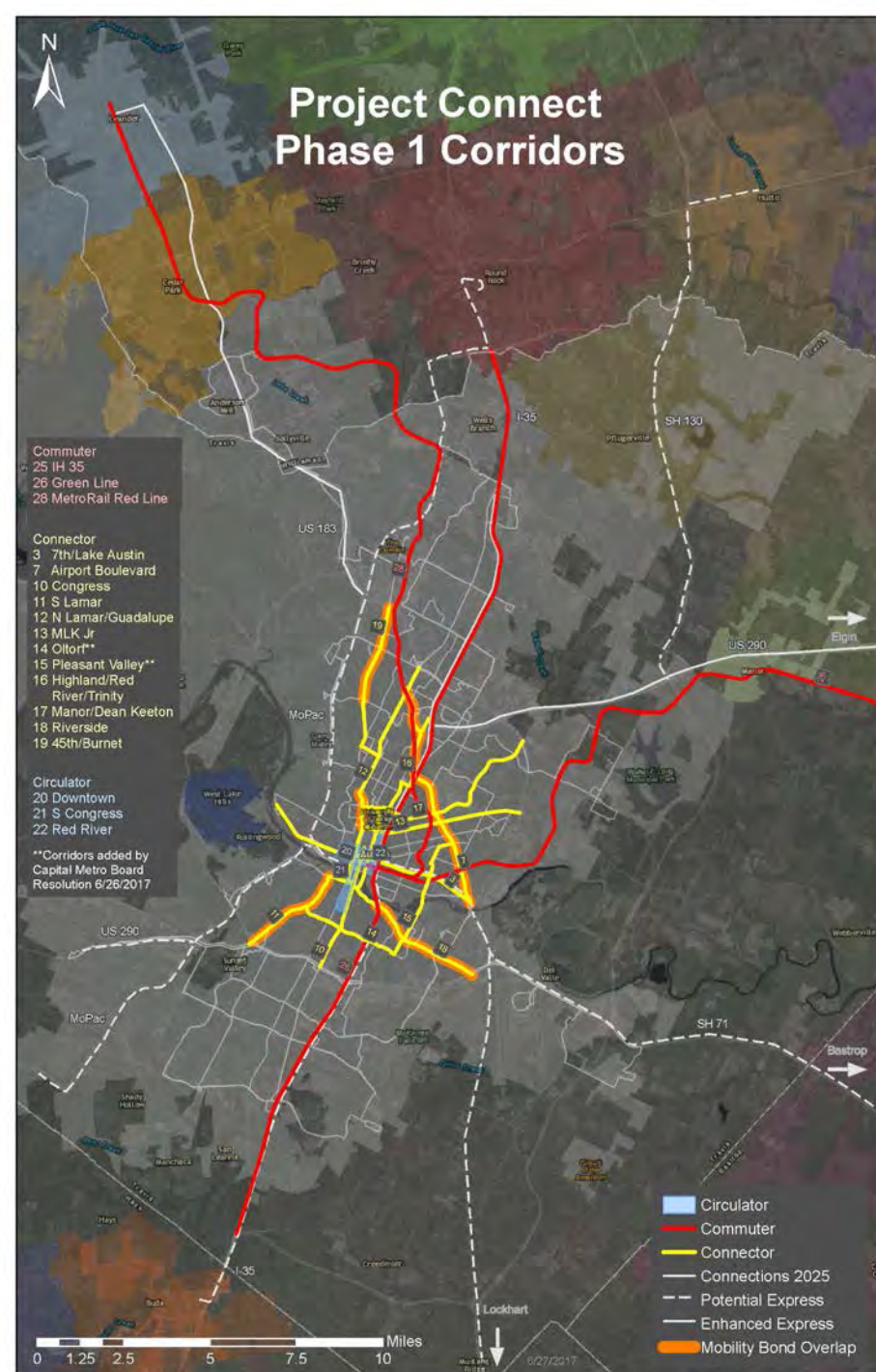
- **2,970 online surveys** completed as of May 31<sup>st</sup>
- More than **2,000 people** engaged through **80+ events** in the region
- Continuing one-on-one meetings at the Project Connect office







# Phase 1 Recommendations: Investment Corridors



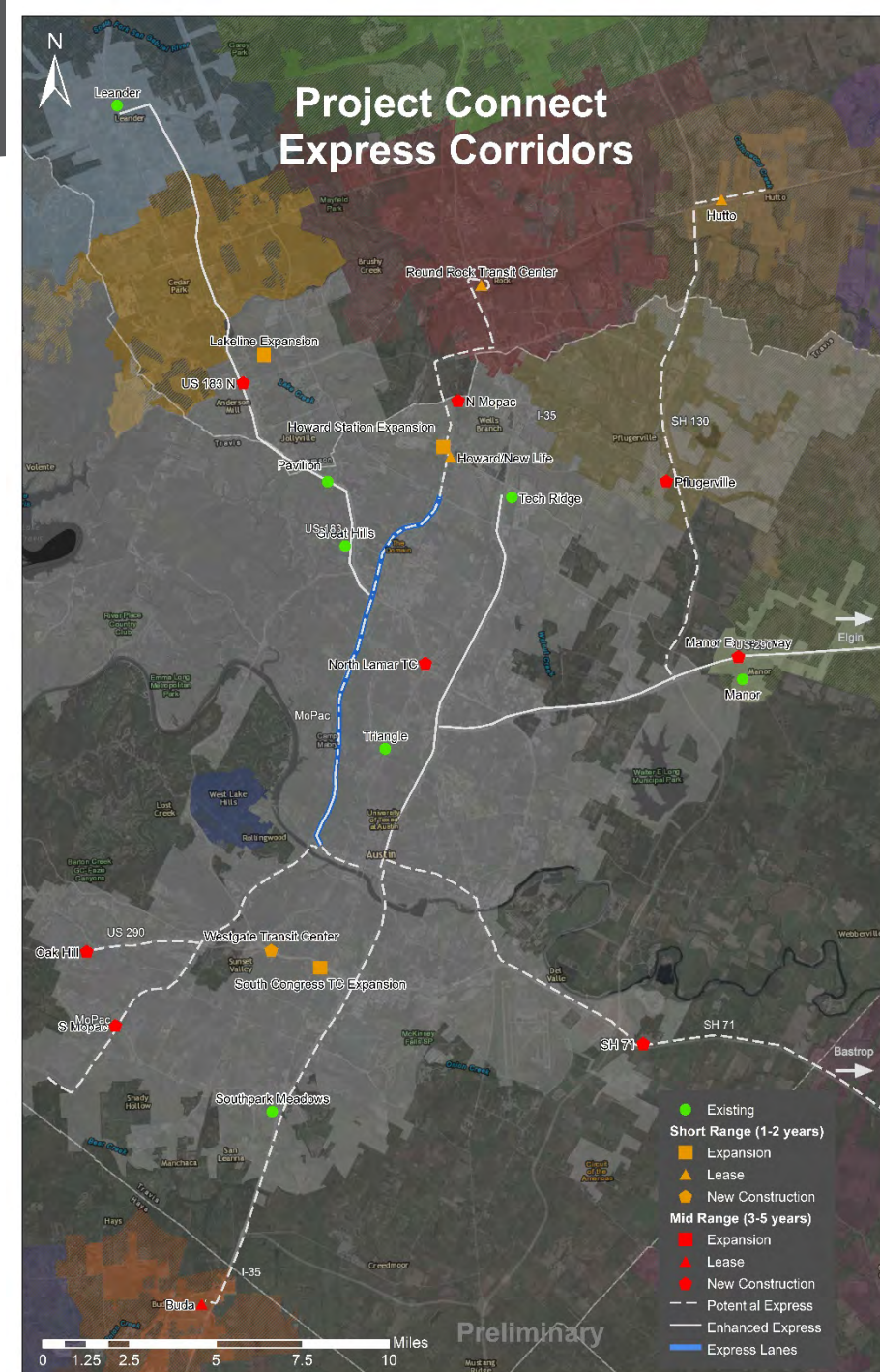




## Phase 1 Recommendations: Enhancement Projects

### MetroExpress

- Existing routes moving into managed lanes (i.e. North Mopac)
- New routes and park-and-rides dependent on inter-local funding





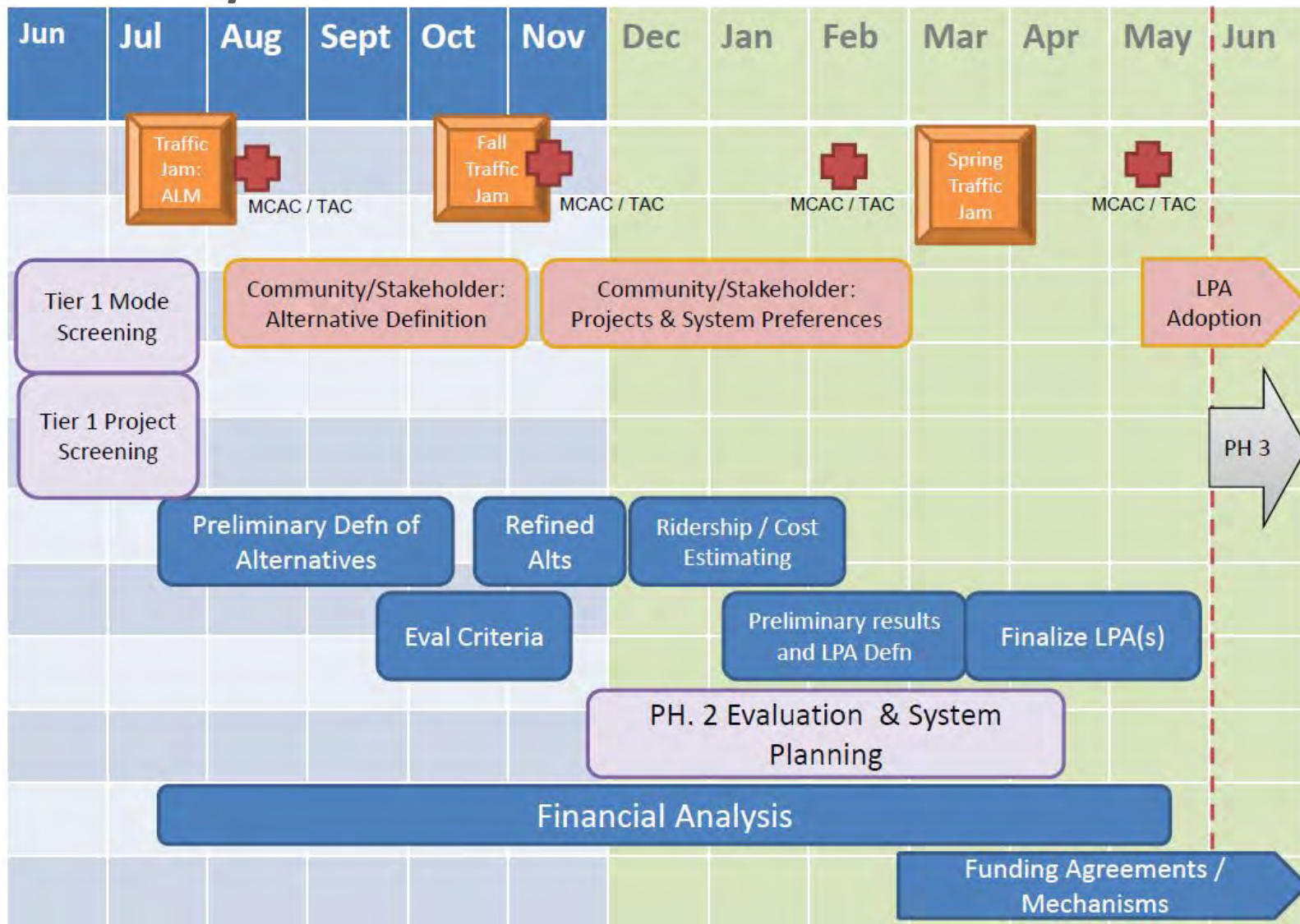


# NEXT STEPS





## Phase 2 / Phase 3 Overview







# What will be the outcome of Project Connect?

## Investment Corridors

Potential routes for new high-capacity transit services

- Commuters



Commuter

- Connectors



Connector

- Circulators



Circulator

## Enhancement Projects

Improve existing services

- MetroRail



MetroRail

- MetroRapid



MetroRapid

- MetroExpress



MetroExpress

- Mobility Hubs



Mobility Hub





# projectconnect

*New Transit Options for a Greater Austin*





# Executive Session

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## Agenda Items #15-17

July 26, 2017



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Regional Mobility Authority



# Adjourn Meeting

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## Agenda Item #18

June 28, 2017



CENTRAL TEXAS  
Regional Mobility Authority





**CENTRAL TEXAS**  
**Regional Mobility Authority**