



CENTRAL TEXAS REGIONAL  
**MOBILITY AUTHORITY**



# Regular Meeting of the Board of Directors



CENTRAL TEXAS REGIONAL  
**MOBILITY AUTHORITY**

**July 24, 2019**



A blue-tinted photograph of a road with a sign that reads "NORTH 183 A TOLL". The road is paved and has a concrete barrier on the right side. In the background, there are utility poles and a building on the left.

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



## 2. Opportunity for public comment



**3. Recognize former CTRMA  
Chairman Ray Wilkerson for  
his public service to the  
community of Central Texas**



**4. Approve the minutes from  
the June 26, 2019 Regular  
Board Meeting**



Mary Temple, Controller

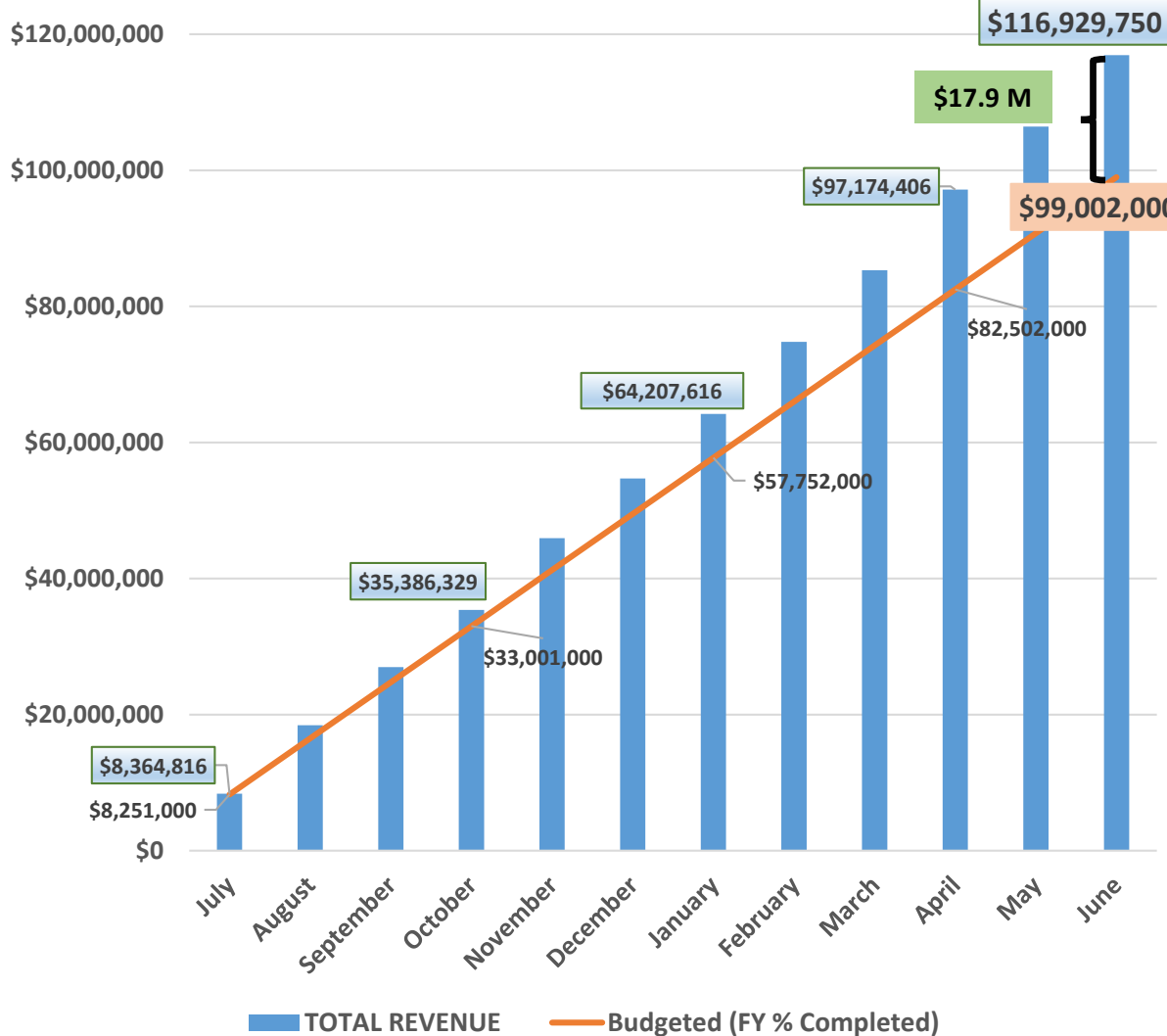
**5. Accept the unaudited financial statements for June 2019**

# Actual vs Budgeted (linear projections) Revenue and Expenses

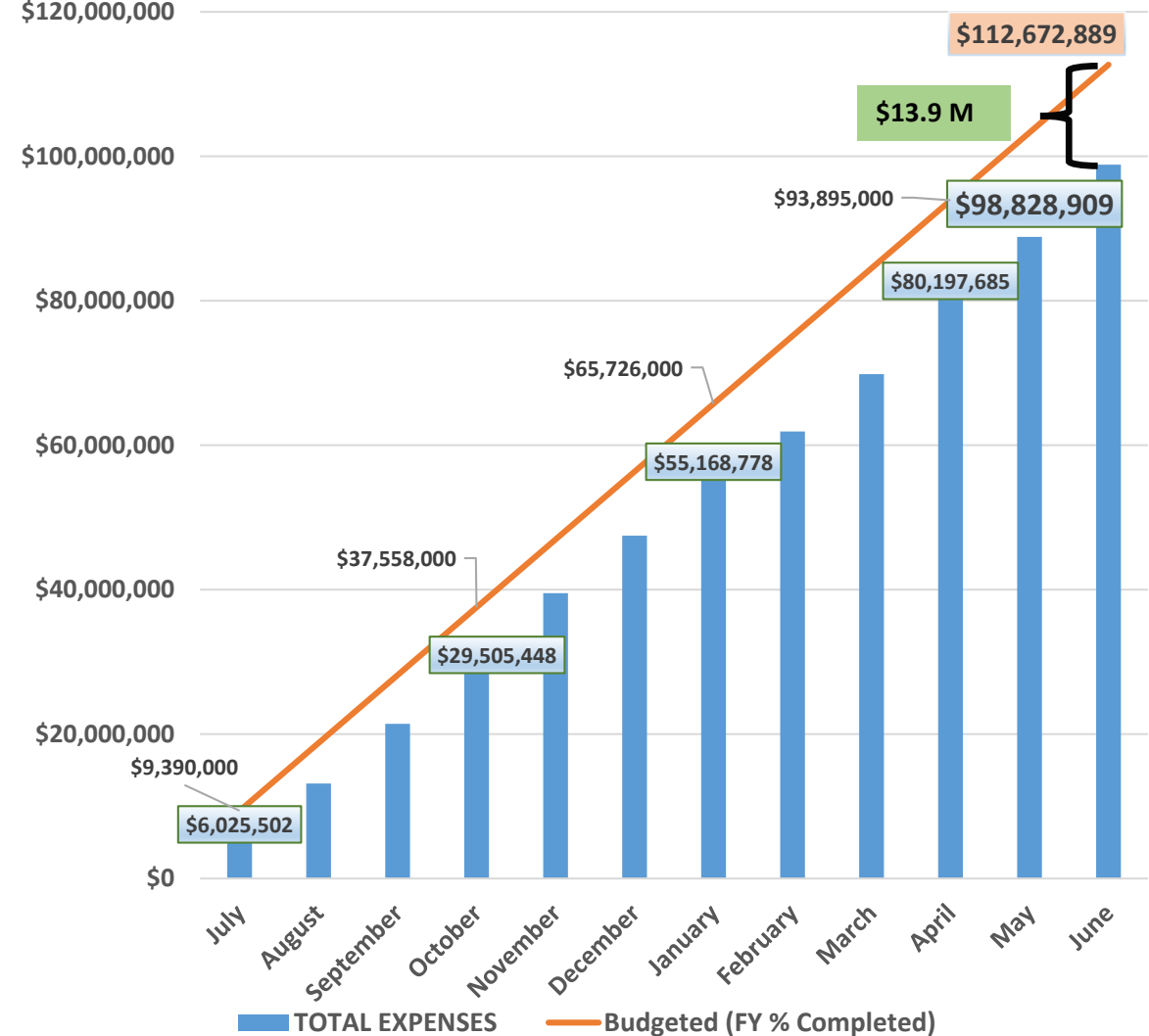


**Unaudited**

**Total Revenue - Through June, 2019**



**Total Expenses - Through June, 2019**





**6. Amend Mobility Authority  
Policy Code Chapter 4,  
Article 16, Section 401.013  
Purchase Threshold  
Amounts to comply with  
federal procurement  
requirements**

Tracie Brown, Director of Operations

- 7. Authorize the Executive Director to negotiate and execute agreements with Travis County and Williamson County for habitual violator road enforcement services**







- In September 2018 the Mobility Authority Board approved a habitual violator program to:
  - Ensure all users pay their fair share
  - Encourage prompt payment
  - Promote electronic toll tag usage
- In June 2019 the Board approved the purchase of license plate readers (LPRs) to support law enforcement detention of prohibited vehicles

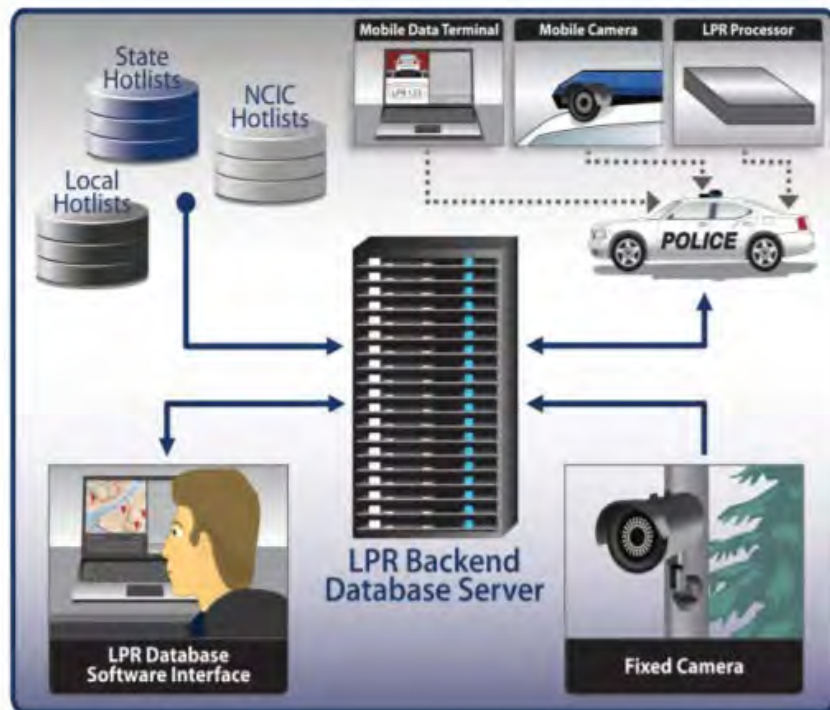
# Habitual Violator Defined



- A habitual violator is a registered owner of a vehicle who a toll project entity determines:
  - Has been issued two notices of nonpayment
  - Has an aggregate of 100 or more events of nonpayment within a 12-month period
  - Has been issued notices containing a warning that failure to pay may result in habitual violator remedies
  - Has not paid the outstanding balance for those notices



# On-road Detection Process



- Fixed and mobile license plate readers (LPR) capture vehicle and license plate images
- The license plate image is transcribed using the camera system's optical character recognition (OCR)
- The OCR results are sent to the cloud and compared against the Authority's prohibited vehicle hot list
- An alert is sent to nearby contracted law enforcement advising of a banned vehicle's location
- Law enforcement detains the vehicle and issues a warning, a citation or impounds the vehicle

# Law Enforcement Agreements



- Through agreements with the Travis and Williamson County, the Authority will contract for marked law enforcement vehicles, uniformed law enforcement officers and vehicular equipment necessary to enforce orders prohibiting the operation of certain motor vehicles on Mobility Authority toll facilities
- Total amount for both county's efforts not to exceed \$275,000
- Term is for one (1) year after execution. Agreement may also be terminated by mutual written agreement, or 30 days after either party gives notice to the other party, whichever occurs first



# Habitual Violator Implementation Timeline



## ■ July 2019

- Agreements with Travis & Williamson counties for road enforcement
- Habitual violator pre-determination letters issued

## ■ August 2019

- Installation of license plate capture technology begins
- Habitual violator determination letters mailed

## ■ September / October 2019

- Name publication and registration holds implemented after appeal period expires
- Board action on prohibited vehicles
- Automated road enforcement begins

# Next Steps

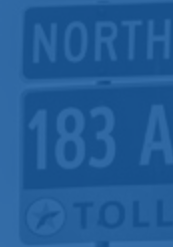


- If approved, staff will provide an update on the habitual violator program implementation at the September and October board meetings
- Staff recommends authorization of the Executive Director to negotiate and execute agreements with Travis County and Williamson County for habitual violator road enforcement services



Tracie Brown, Director of Operations

8. **Approve Amendment No. 4 to the Maintenance Services Agreement with Kapsch TrafficCom USA, Inc. to provide maintenance support for the SH 45SW toll project**





- Kapsch TrafficCom USA is the Authority's toll system integrator
- In this role, Kapsch is tasked with installing and maintaining the Authority's toll system hardware, software and intelligent transportation systems (ITS)
- Kapsch also provides license plate image review and transcription services necessary to facilitate the billing of the Authority's Pay By Mail toll transactions



# Contract Amendment #4 Overview



- Provides 45SW temporary maintenance services:
  - Roadside lane equipment
  - Toll host system
  - Intelligent Transportation Systems (ITS)
  - Wrong way detection
  - Communication infrastructure
- Support begins once the toll project passes its 30-day operational testing phase and will conclude when a comprehensive contract amendment is finalized or at the end of 60 days
- Total cost is \$49,872.36 per month not to exceed \$99,744.72

# 45 SW Maintenance Costs



| 45 SW O&M Support        |                   |      |                                |                      |                      |                     |
|--------------------------|-------------------|------|--------------------------------|----------------------|----------------------|---------------------|
| Item #                   | Description       | Unit | 2019 CPI Adjusted Hourly Rates | Unit Price Per Month | SH 45 SW Maintenance |                     |
|                          |                   |      |                                |                      | Qty.                 | Per Month           |
| 110                      | Base Monthly Fee  |      |                                | \$745.34             | 4                    | \$ 2,981.35         |
| 111                      | Software Engineer | 160  | \$157.59                       |                      | 0.5                  | \$ 12,606.92        |
| 112                      | System Admin      | 160  | \$172.52                       |                      | 0.25                 | \$ 6,900.95         |
| 113                      | Business Analyst  | 160  | \$157.59                       |                      | 1                    | \$ 25,213.83        |
| 114                      | Technician        | 173  | \$120.90                       |                      | 0                    | \$ 0.00             |
| 116                      | Technician ODCs   | 1    |                                | \$2,169.31           | 1                    | \$ 2,169.31         |
| <b>TOTAL – Per Month</b> |                   |      |                                |                      |                      | <b>\$ 49,872.36</b> |



- If approved, staff will return in September 2019 to seek Board approval of Kapsch Amendment No. 5 which will add:
  - Increased staffing and maintenance pricing for CTRMA's current facilities
  - Maintenance pricing for the new 183 South and 290 Phase III projects
  - key performance metrics and associated penalties
- Staff recommends approval of Amendment No. 4 to the Maintenance Services Agreement with Kapsch TrafficCom to provide temporary maintenance support for the 45 SW Toll project



Tracie Brown, Director of Operations

9. **Approve Work Authorization No. 18 with Kapsch TrafficCom USA, Inc. for toll host upgrade and transaction processing workflow enhancements**





- Kapsch is the Authority's toll system integrator
  - Installs and maintains Authority's toll system hardware, software and intelligent transportation systems (ITS)
  - Provides license plate image review and transcription services for Authority's Pay By Mail toll transactions
- Work Authorization provides for modernization of the Authority's toll system with improved scalability and easier system support
- Fixed fee price not to exceed \$458,000



- New host computer providing single sign-on functionality to access:
  - Transactional databases and reporting systems
  - Roadway Operating Management System (ROMS)
  - Express Lane Command Center (ELCC)
- Cost: \$235,800





- Upgrade the transaction processing workflow within the current CTRMA Host/Transaction processing system
  - Provide upgrades to the Interoperability Hub interface and Image Review queuing processes
  - Integrate with changes made during the Cofiroute program implementation
- Cost: \$219,500

# Staff Recommendation



- Staff recommends approval of Work Authorization No. 18 with Kapsch TrafficCom USA for Toll Host Upgrade and Transaction Processing Workflow Enhancements

- 10. Approve Amendment No. 2 to the Agreement with Cofiroute USA, LLC to add pricing for habitual violator enforcement, additional customer service support and support for the Qualified Veterans Program**







- Cofiroute began providing Pay by Mail processing, collections and customer service functions in November 2018
- Five year contract with the ability to extend twice for additional two year periods
- The proposed amendment will improve customer service by:
  - Expanding customer service hours
  - Enhancing customer service for Veterans Discount Program
  - Supporting Habitual violator program

# Customer Service Enhancements



- **Current customer service hours:**
  - 8:00 AM to 6:00 PM - Monday through Friday
- **Expanded customer service hours:**
  - 7:30 AM to 7:00 PM on Monday and Friday
  - 7:30 AM to 6:00P on Tuesday, Wednesday and Thursday
  - 8:00 AM to noon on Saturday

# Proposed Vendor Compensation Change



Cofiroute would receive additional compensation for each bill or notice that is paid and would be compensated for each habitual violator determination letter processed

| Pay Item Description                               | Proposed Compensation |                  | Change            |                  |
|--|-----------------------|------------------|-------------------|------------------|
|  | <i>Unit Price</i>     | <i>% of Toll</i> | <i>Unit Price</i> | <i>% of Toll</i> |
| <i>Paid toll is collected</i>                      |                       |                  |                   |                  |
| First Video Bill                                   | \$0.56                | 19%              | + \$0.02          | +2%              |
| First Notice of Non-Payment                        | \$2.59                | 14%              | + \$0.09          | +1%              |
| Violation Notice                                   | \$6.10                | 10%              | + \$0.50          | +2%              |
| <i>Paid per appeal packet created</i>              |                       |                  |                   |                  |
| <b>NEW:</b> Habitual violator determination letter | \$15                  | 0%               | + \$15            | N/A              |



# Next Steps



- Staff recommends approval of Amendment No. 2 to the Agreement with Cofiroute USA, LLC to modify the *Contractor Compensation Schedule*
- If approved, staff will update communication materials and promote new customer service hours

Tracie Brown, Director of Operations

**11. Approve Amendment No. 1 to the contract with Fagan Consulting to extend the term for an additional year**





- Fagan Consulting LLC has served as the Mobility Authority's general system consultant since 2014
- Fagan Consulting provides a wide range of services to the Mobility Authority in the areas of systems expertise, strategic guidance and operational recommendations
- Current Agreement expires in September 2019





- During the recent Pay By Mail program deployment, Fagan Consulting:
  - Assisted in the procurement and deployment of the Cofiroute back office solution
  - Documented system requirements and business rules
  - Led system testing
  - Monitored key billing and customer communication process
- Other projects:
  - Evaluated automated license plate readers (ALPRs) product
  - Performed admin fee cost analyses
  - Conducted monthly audits of the Authority's tolling systems
  - Benchmarked industry best practices
  - Advised on national interoperability matters

# Contract Extension Overview



- Propose one year contract extension to allow for continuation of key revenue-impacting initiatives:
  - Toll system integrator procurement
  - Intelligent technology systems procurement
  - Pre-paid PBM account Texas interoperability
  - Deployment of habitual violator license plate capture technology
  - Monthly auditing of CTRMA's toll system
  - Annual auditing of the Kapsch maintenance performance metrics
- Total cost not to exceed \$1,318,626
  - Equal to the amount in the FY 2020 budget for General Systems Consultant services



- If approved, staff will:
  - Immediately begin planning for the initiatives outlined in the FY 2020 budget
  - Begin procurement process for general systems consulting services by December 2019 with expected award to qualified firm in March / April 2020
- Staff recommends approval of Amendment No. 1 to the contract with Fagan Consulting to extend the term for an additional year through September 2020

Dee Anne Heath, Director of External Affairs

**12. Award and approve a contract for Communications and Marketing Consultant Services**





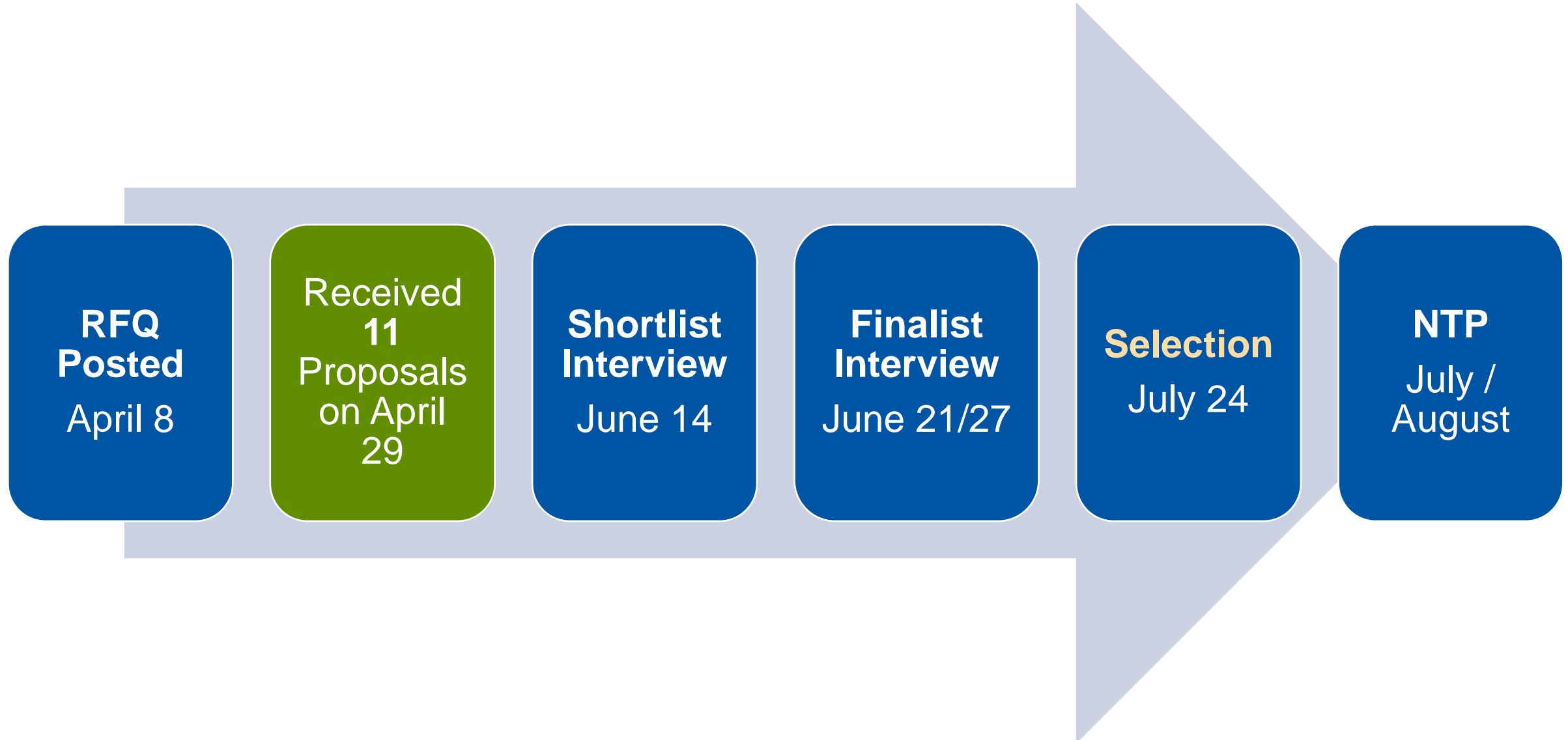


- **Firm will provide** communication and marketing services in support of the agency's projects & overall program
- Scope of Services includes:
  - Day-to-day communications support
  - Public relations
  - Advertising/creative campaigns
  - Executive voice social media/blogs
  - Thought leadership



CENTRAL TEXAS REGIONAL  
**MOBILITY AUTHORITY**

# 2019 Procurement Timeline





## We evaluated eleven responses

- 97 West
- Buie & Co
- Crosswind
- Door No. 3
- Hahn Public
- lookthinkmake
- Pierpont/AECOM
- Redroc
- Sanders/Wingo
- SJC
- Wunderman



## Evaluation Criteria

- Team organization and staff qualifications
- Proven experience of Respondent to successfully complete the tasks outlined in the scope of services
- Diverse workforce and commitment to HUB/DBE involvement
- Rates and estimated budget
- Quality of proposal





## Five firms were shortlisted for an interview

- Buie & Co
- Crosswind
- Door No. 3
- Hahn Public
- lookthinkmake



## Evaluation Criteria

- Team Organization and Staff Qualifications
- Team Experience
- Day-to-Day Account Lead Qualifications and Experience
- Quality of Interview



## Three firms were finalists for a second interview

- Buie & Co
- Hahn Public
- lookthinkmake



## Evaluation Criteria

- Team Cohesion
- Approach to Scope of Services
- Differentiators
- Quality of Interview





**Buie & Co.**

# Approval to Finalize and Execute Master Contract



- Staff asks for approval to execute master two-year contract with a not-to-exceed amount of \$1M for each year of services
- Contract will initially be for a two-year term and may be extended for an additional two years for a total of four years

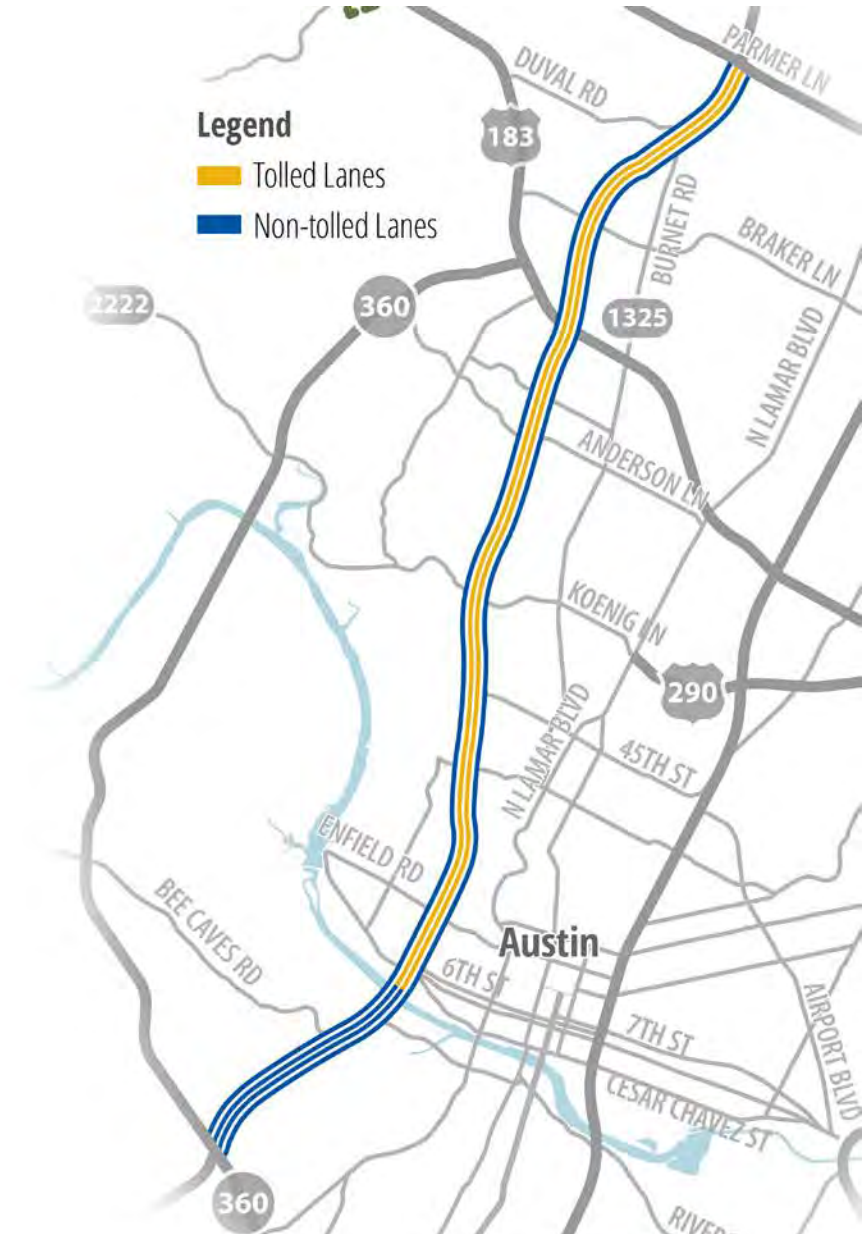
**13. Approve new maximum and minimum speed limits for the MoPac Express Lanes and related amendments to Mobility Authority Policy Code Section 301.015**



# MoPac Express Lanes

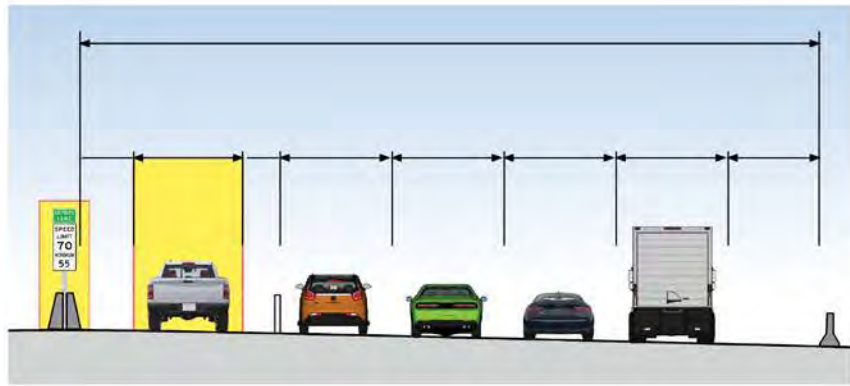


- **Project Description:** Change the Express Lane minimum and maximum speeds
- **Project Limits:** Cesar Chavez to Parmer Lane
- **Project Length:** 11 miles
- **Total Project Cost:** Estimated at \$80,000
  - Production and installation of new signs
  - Traffic control
  - Construction oversight and inspection
- **Project Status:** Design complete



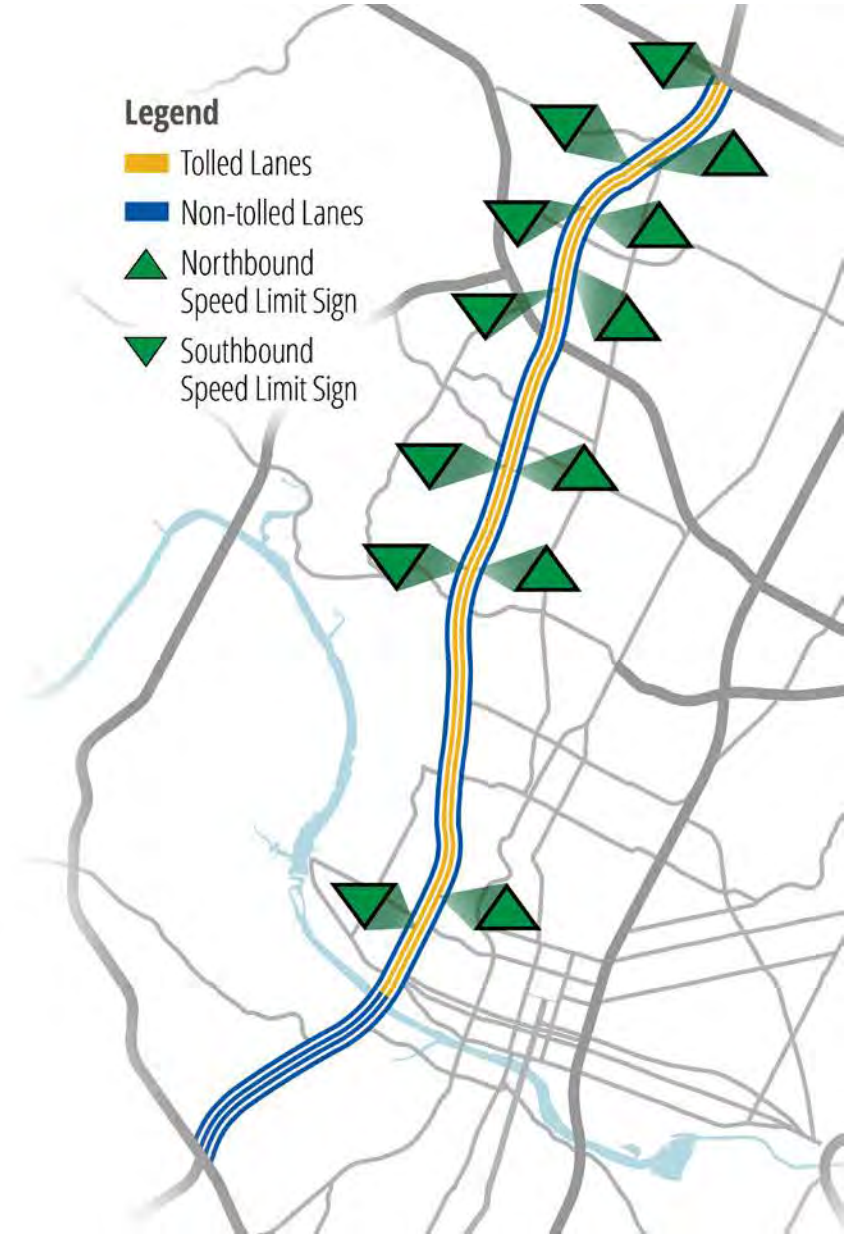


# MoPac Express Lane Speed Limit Sign Locations



## Legend

-  Tolled Lanes
-  Non-tolled Lanes
-  Northbound Speed Limit Sign
-  Southbound Speed Limit Sign





## Summary & Proposed Action

- Express lane speed limit is currently set at 65 MPH (same as the General Purpose Lanes)
- Speed study conducted in December 2018
- Results support a minimum speed of 55 MPH and maximum speed of 70 MPH
  - Minimum speeds help Express Lane operate as intended by ensuring individual motorists do not unreasonably impede flow of traffic
- Staff recommends approval of the new minimum and maximum speeds



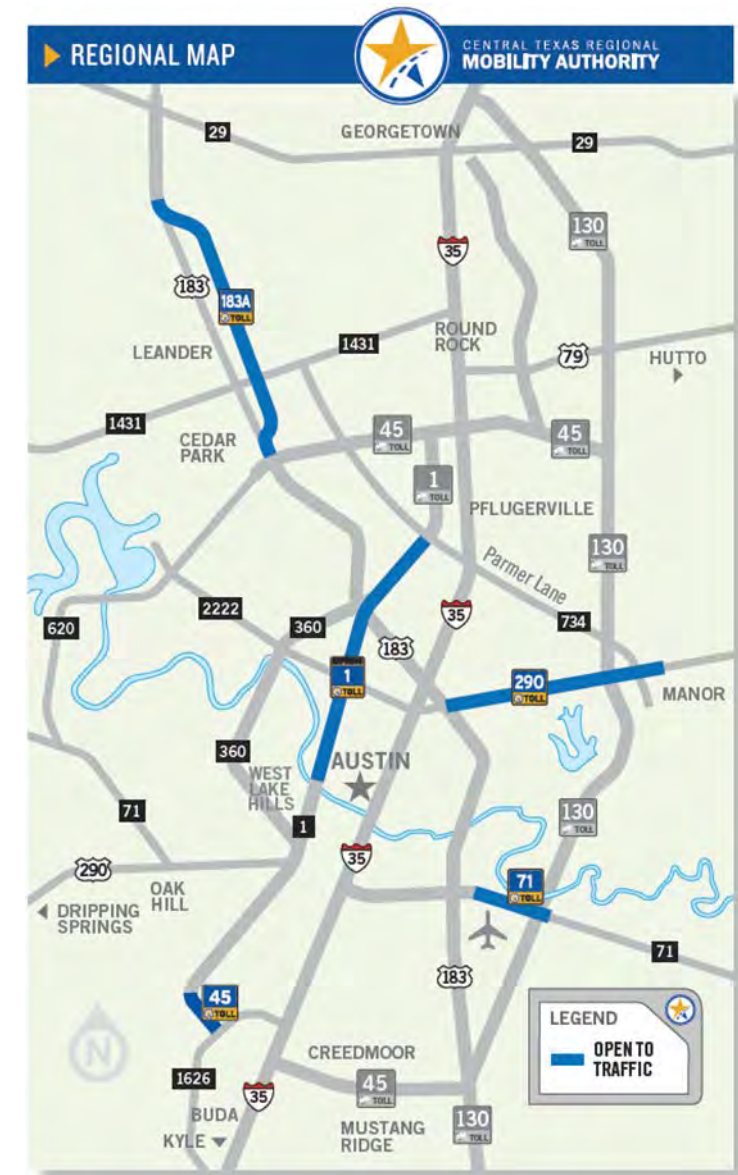
- 14. Approve Change Order No. 3 to the System-wide Performance Based Maintenance Contract with Roy Jorgenson Associates, Inc. to provide additional mowing at intersections on the MoPac Improvement Project**



# Performance Based Maintenance Contract Overview



- **Project Description:** Right-of-way line to right-of-way line routine maintenance
  - 183A
  - Manor Expressway
  - Mopac Improvement Project
  - 71 Express
  - SH 45 SW
- **Contract Term:**
  - Board Approval: September 30, 2015 (Resolution No. 15-057)
  - 5-year contract term (expires June 30, 2020)
  - Two 1-year renewal options
- **Total Project Cost:** \$21 Million





# Performance Based Maintenance Contract Scope



## ■ Routine Maintenance

- Pavement and bridges
- Illumination and traffic elements
- Slopes and drainage
- Buildings and facilities
- Shared use paths and trailheads
- Emergency response and hazmat cleanup
- Snow and ice control

## ■ Performance Based

- Established performance criteria
- Monthly and quarterly assessments
- Pass/Fail asset condition scoring

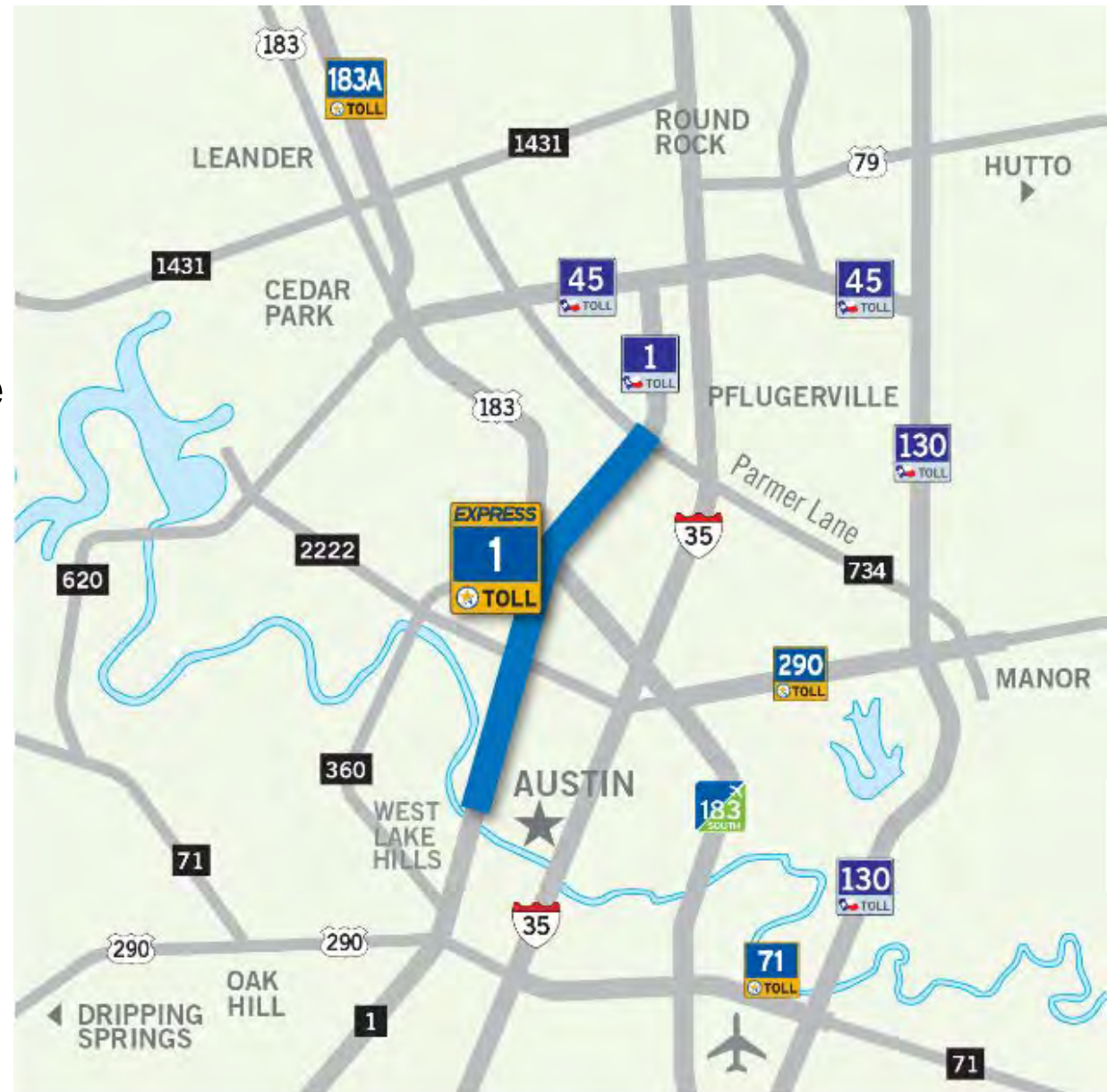
System-wide  
Performance Based  
Maintenance Contract



# Change Order Scope 3 – MIP Landscape Mowing



- MoPac Improvement Project (MIP) Description:
  - An 11-mile variably-priced tolled express lane along MoPac between Cesar Chavez Street and Parmer Lane
- Intersection landscape mowing
  - Northland Drive/RM 2222
  - West 45<sup>th</sup> Street
  - West 35<sup>th</sup> Street
  - Westover Road
  - Windsor Road
  - Enfield Road







- **Total Change Order Cost**
  - \$225,859.06
- **Recommendation to Board**
  - Approve Change Order #3, not to exceed \$225,859.06 for intersection landscape mowing along MoPac

Robert Goode, P.E., Deputy Executive Director

**15. Approve a short-list of proposers to receive the Request for Detailed Proposals for the 183 North Mobility Project**

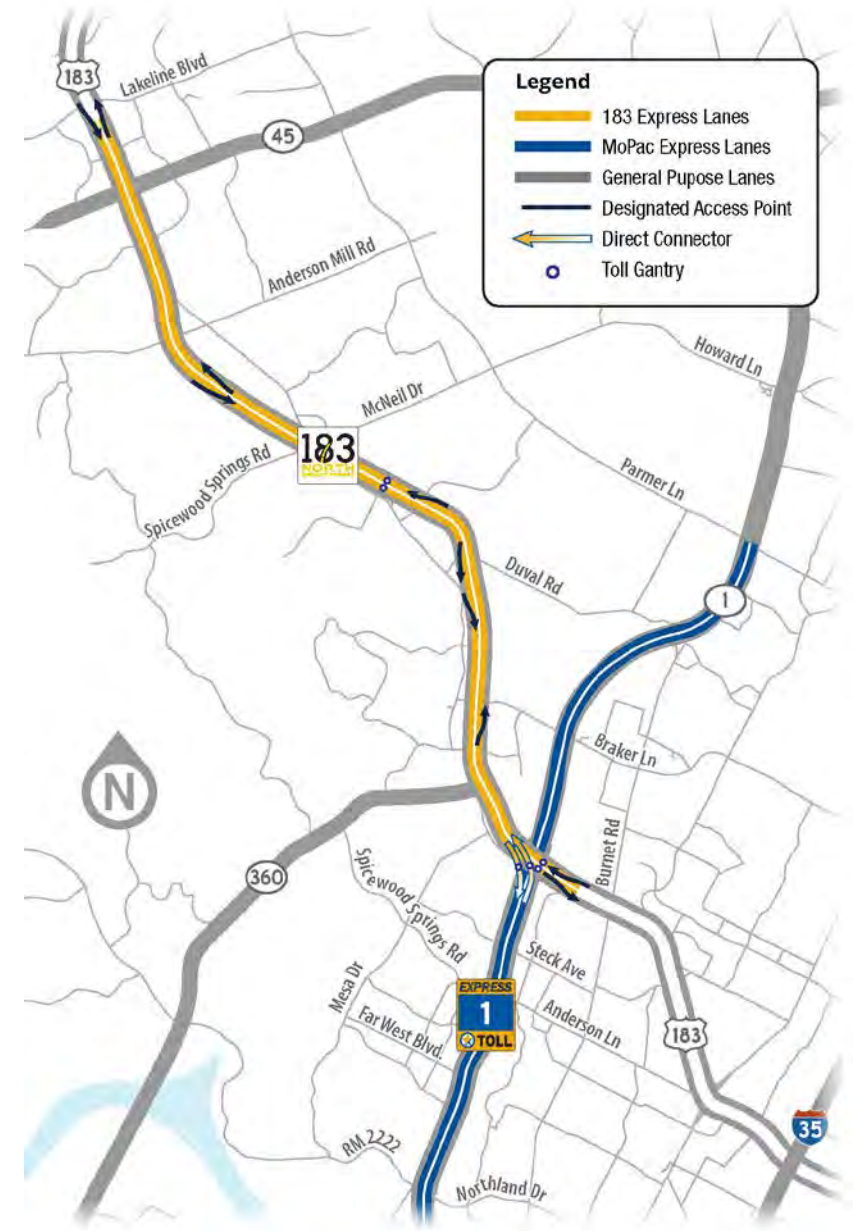




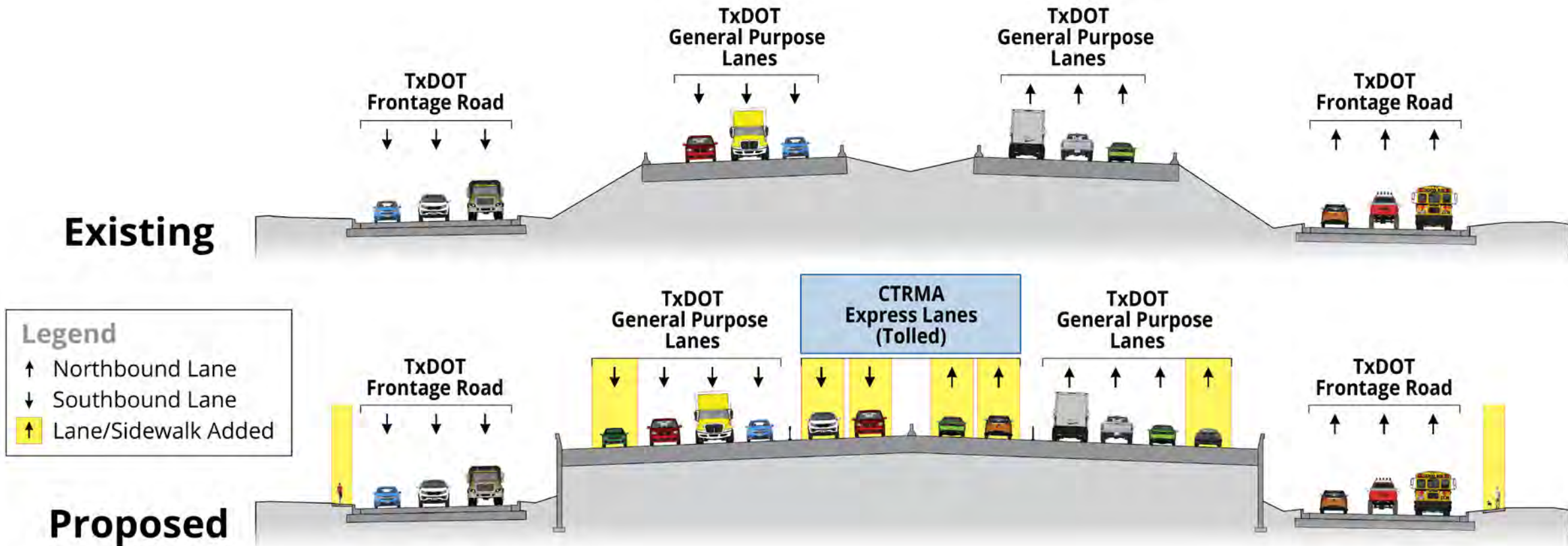
# 183 North Mobility Project



- **Project Limits:**
  - SH 45 to MoPac/Loop 1
- **Project Length:**
  - 9 miles on US 183
- **Total Project Cost:**
  - \$500 Million
- **Project Status:**
  - Design-Build Procurement



# 183 North Mobility Project Scope

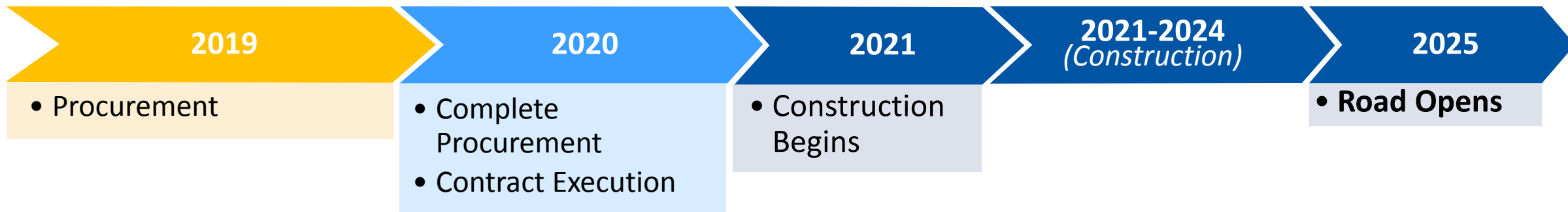


- Two express lanes in each direction and widening to four non-tolled lanes in each direction
- Additional operational improvements south along MoPac including a direct connector
- Bicycle and pedestrian improvements

# 183 North Mobility Project Timeline



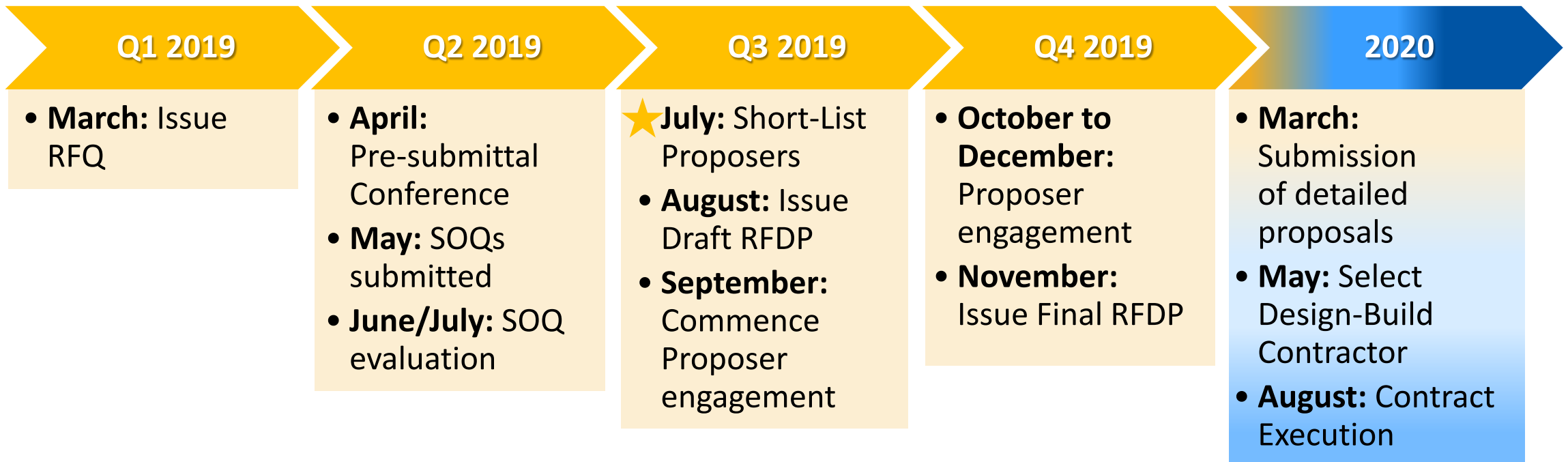
■ Procurement & Contractor Selection   ■ Contract Negotiation   ■ Design and Construction



**RFQ:** Request for Qualifications  
**RFDP:** Request for Detailed Proposal



# 183 North Mobility Design-Build Procurement Timeline



-  Procurement & Contractor Selection
-  Contract Negotiation
-  Design and Construction





- **Austin|Granite Joint Venture**
  - Austin Bridge & Road Inc + Granite Construction Company
- **Capital Express Partners**
  - Webber LLC + Ferrovial Agroman US Corp
- **Colorado River Constructors**
  - Fluor Enterprises Inc + Balfour Beatty Infrastructure Inc
- **Great Hills Constructors**
  - Archer Western + Sundt Construction Inc
- **Lane-Flatiron Joint Venture**
  - The Lane Construction Corporation + Flatiron Construction Corporation



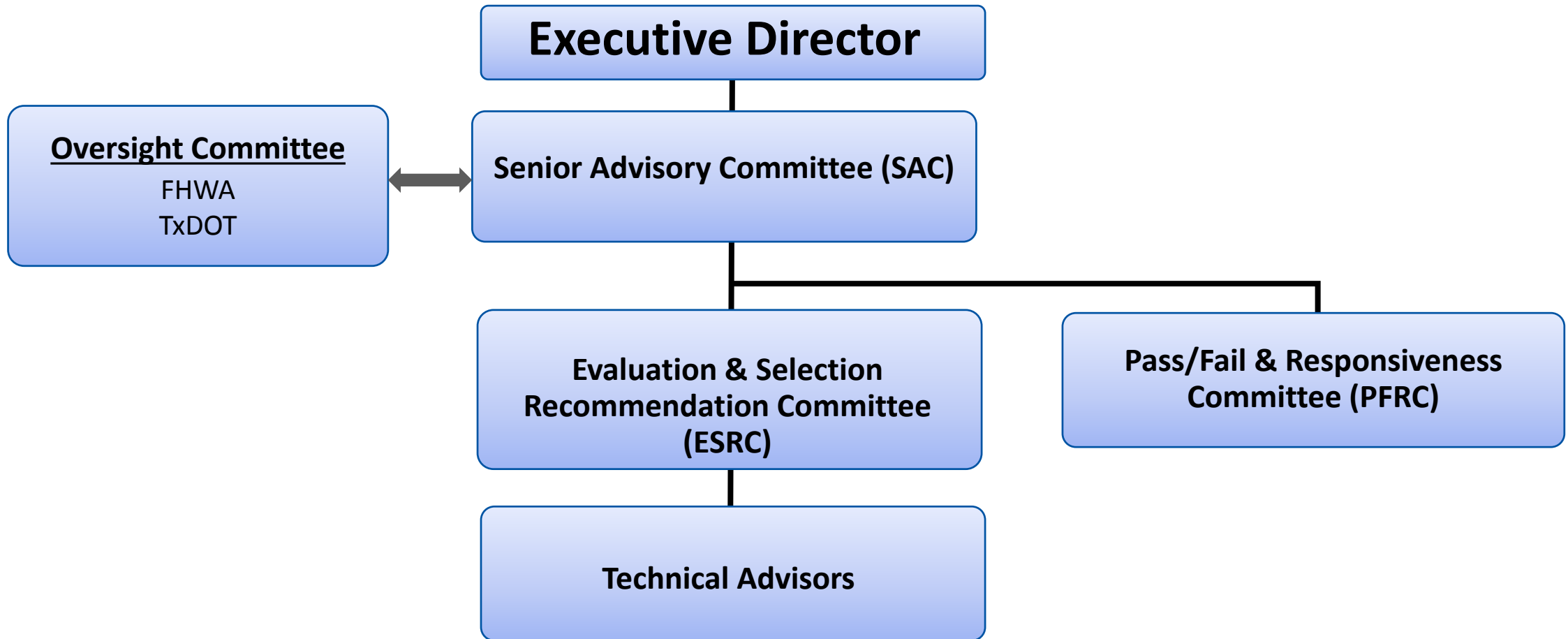
- **Short-Listing Process**

**Committees  
Formed**

**Review &  
Evaluate  
Submissions**

**Short-List  
Proposers**

# Statement of Qualifications Evaluation Committees



# 183 North Mobility Project Design-Build Procurement



## Review & Evaluate Statement of Qualification Submissions

PFRC Reviews & Accepts

ESRC Independent Review & Scoring

ESRC Evaluation Meeting

SAC Review ESRC Ratings & Apply Weightings

Short-List Proposers





## Evaluation Criteria

**Key Personnel  
Qualifications  
and Experience  
45%**

**Proposer  
Qualifications  
and Experience  
30%**

**Approach to  
Project  
Development  
25%**



## Summary & Proposed Action

- **Staff recommends that the Board short-list the following Proposers to receive draft Request for Detailed Proposal (RFDP) documents:**
  - **Capital Express Partners**
    - Webber LLC + Ferrovial Agroman US Corp
  - **Colorado River Constructors**
    - Fluor Enterprises Inc + Balfour Beatty Infrastructure Inc
  - **Great Hills Constructors**
    - Archer Western + Sundt Construction Inc

Jeff Dailey, P.E., Deputy Executive Director

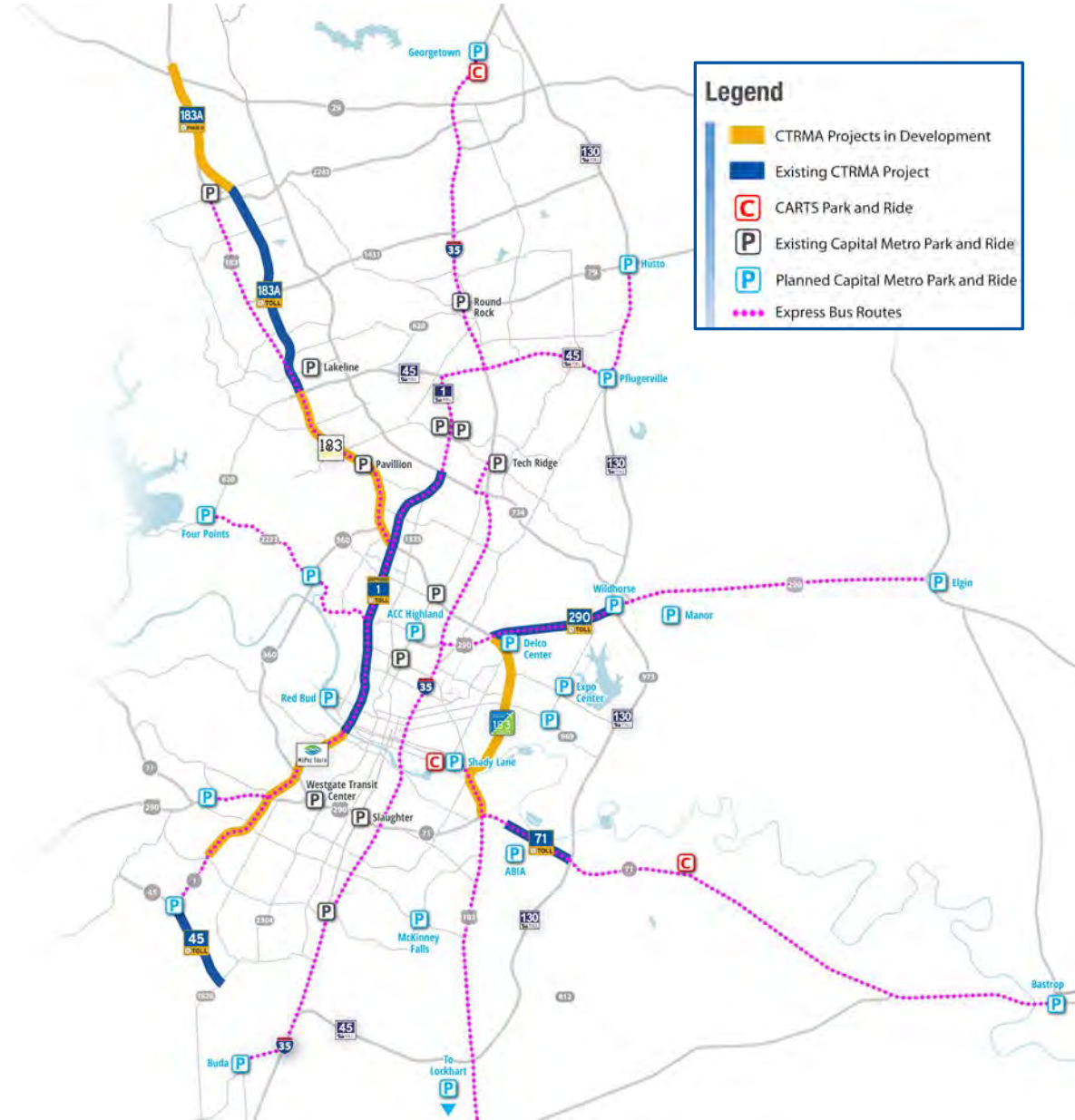
## 16. Regional Park and Ride Plan Opportunities



# Background



- Memorandum of Agreement (2016)
- CAMPO, Cap Metro and Mobility Authority
- Identify and develop Park and Ride facilities





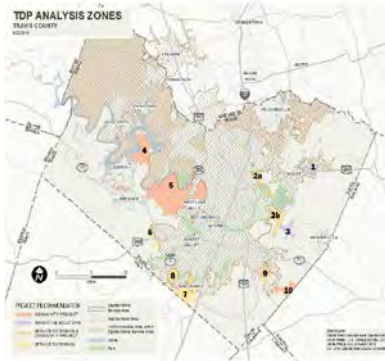
# Regional Transit Plans



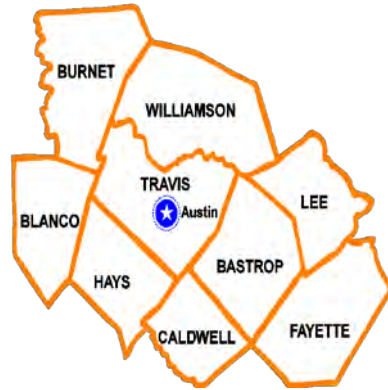
# COMPO

CAPITAL AREA METROPOLITAN  
PLANNING ORGANIZATION

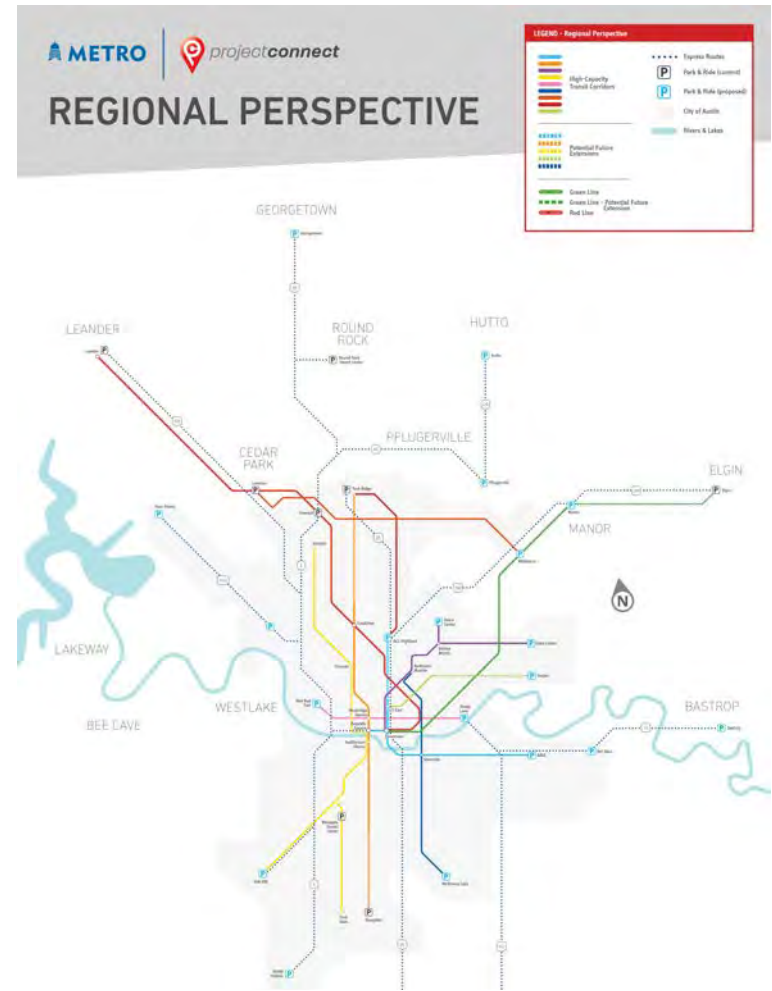
# 2045 TRANSPORTATION PLAN



Travis County Transit  
Development Plan



Capital Area Rural  
Transportation  
System

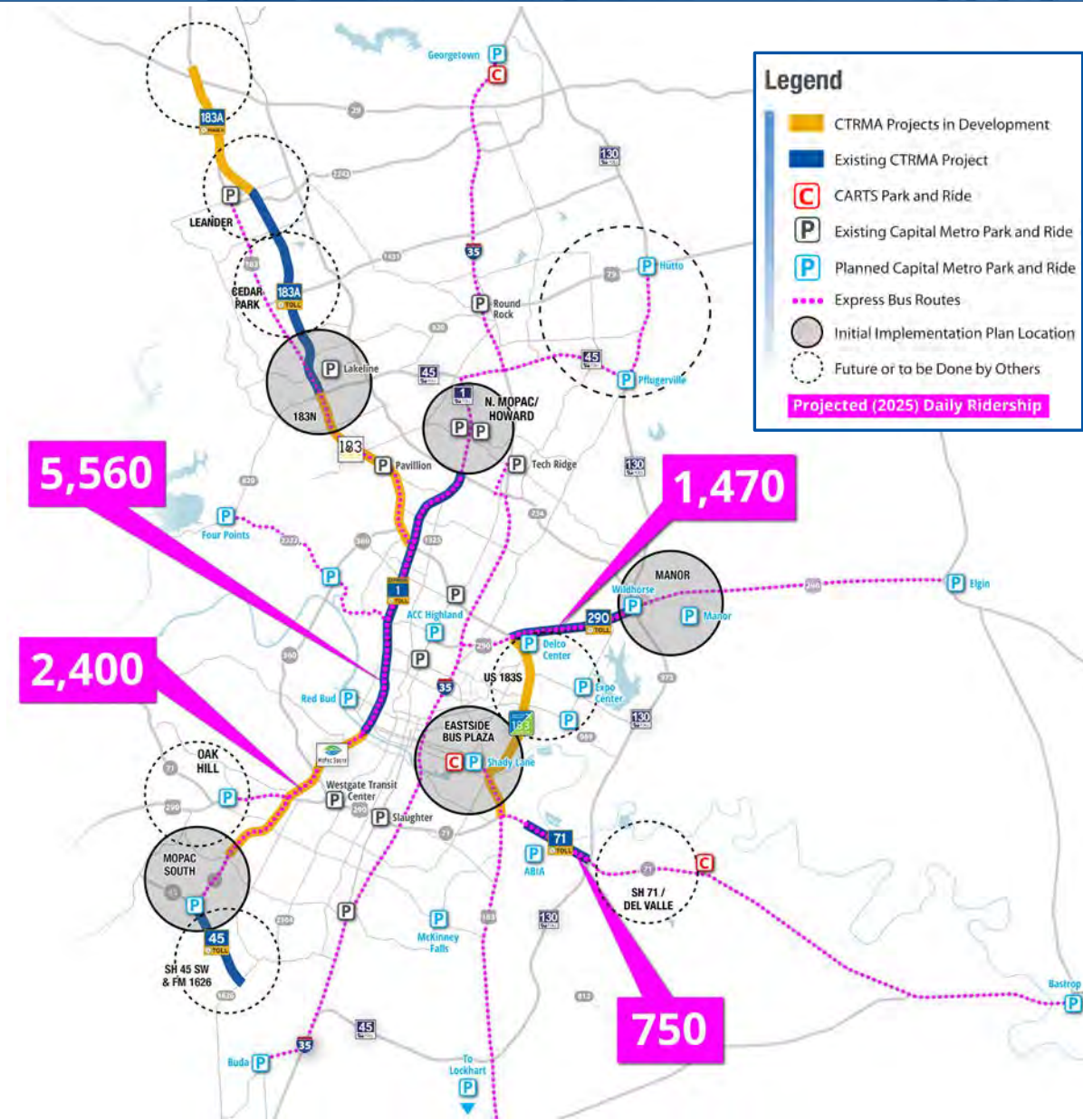


Capital Metro  
Project Connect

# Park and Ride Locations



- **13 total sites**
  - 8 new sites
  - 5 expansion / relocation of existing sites
- **7 near term priority sites**
  - 4 nearly ready for consideration
    - Lakeline Station
    - Howard Station
    - Eastside Multimodal Center
    - MoPac South

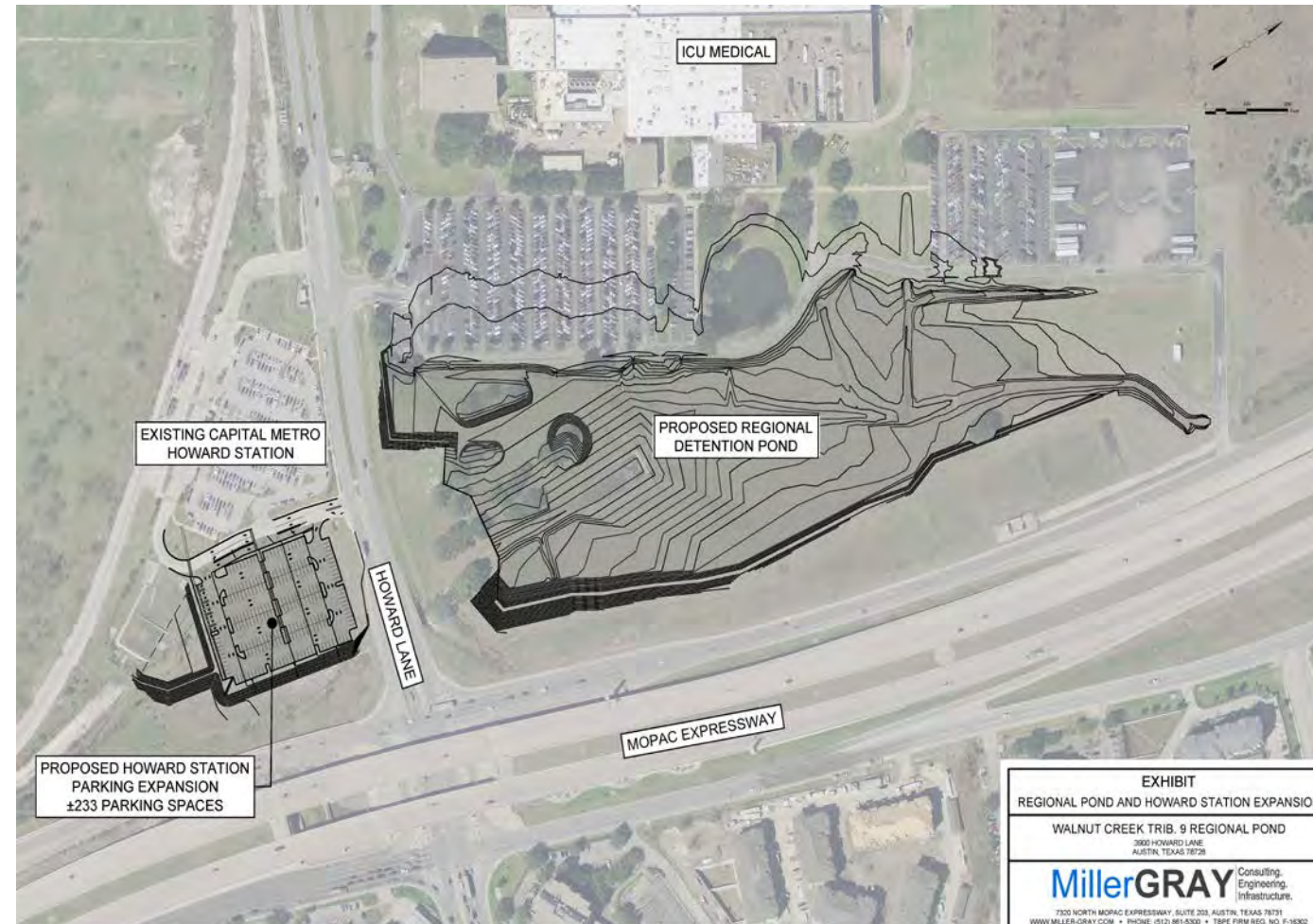




# Howard Station Expansion



- Regional Stormwater Facility
- Howard Station Park and Ride expansion
- Howard Road / Access Improvements
- Potential Partners
  - ICU
  - City of Austin
  - Cap Metro
  - Mobility Authority
  - TxDOT



# Howard Station Expansion



|         |                              | <b>Estimated Cost</b> |
|---------|------------------------------|-----------------------|
| Phase 1 | Regional Stormwater Facility | +/- \$1.6M            |
| Phase 2 | Howard Lane Improvements     | +/- \$1.0M            |
| Phase 3 | Park and Ride Expansion      | +/- \$3.0M            |
|         | Total Project Cost           | +/- \$5.6M            |





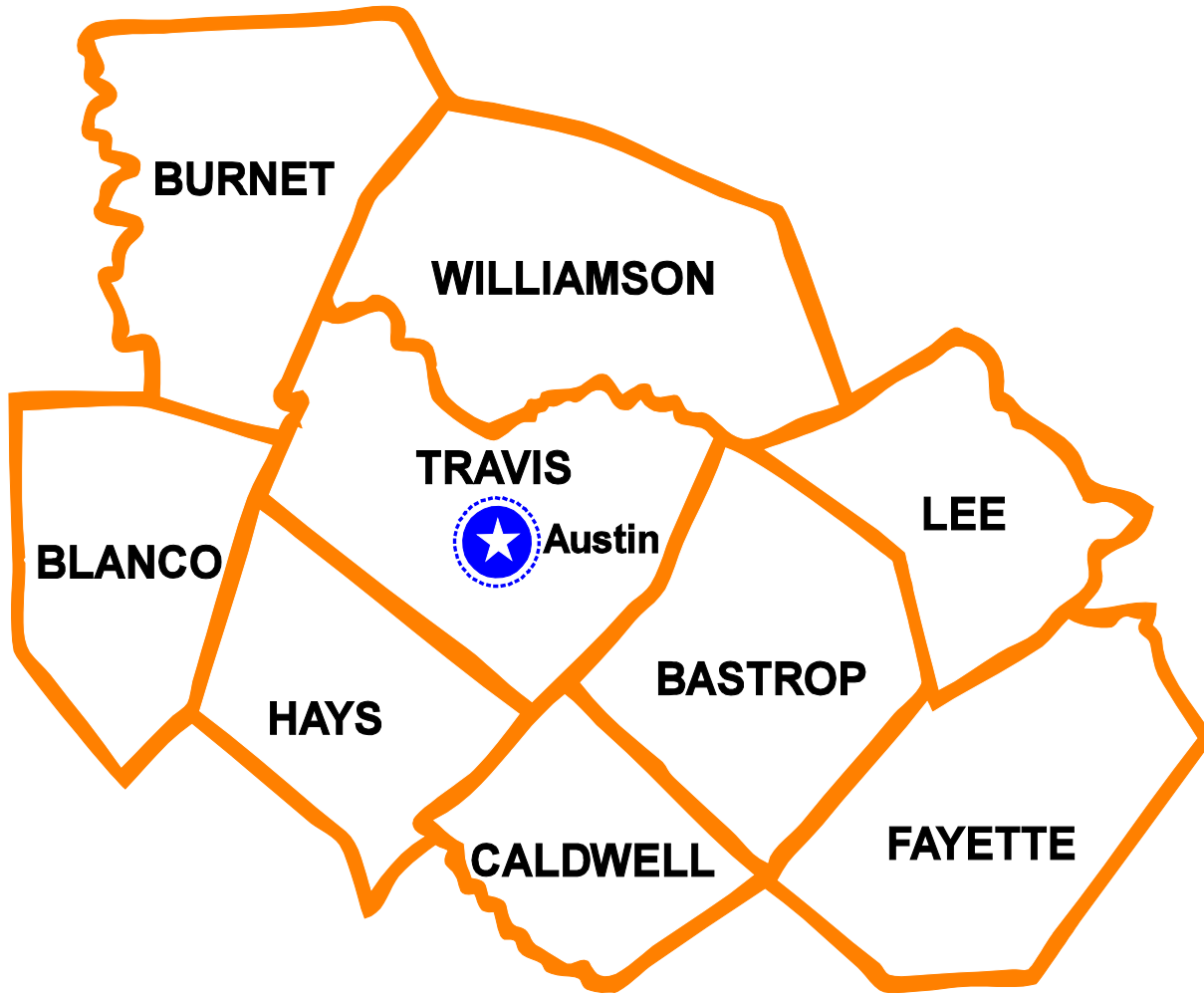
# Capital Area Rural Transportation System

## EASTSIDE MULTIMODAL CENTER

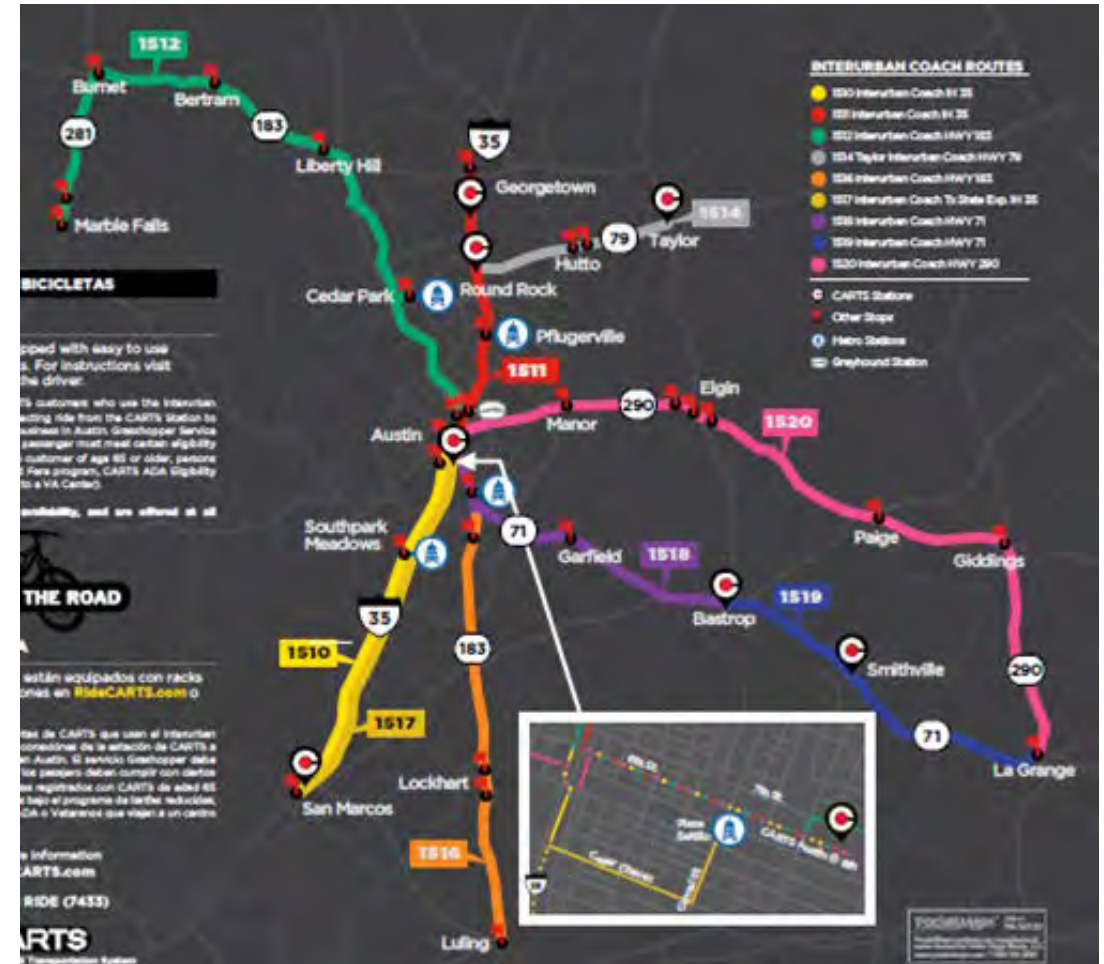




# Capital Area Rural Transportation System



CARTS DISTRICT



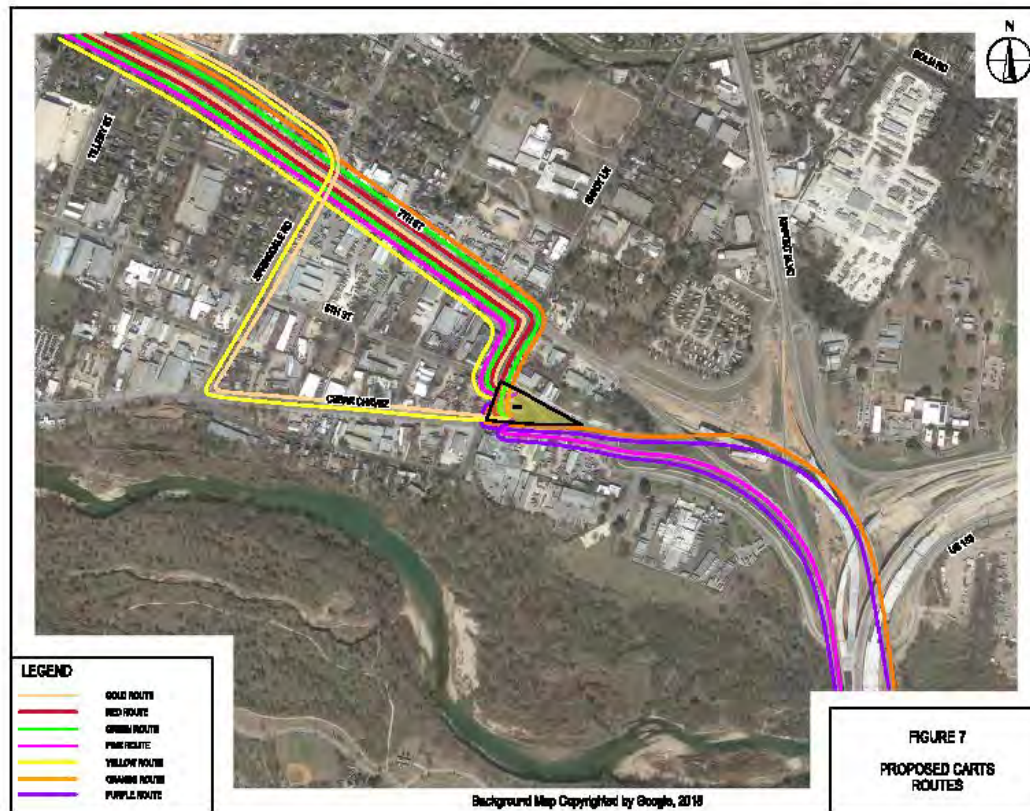
CARTS INTERURBAN COACH



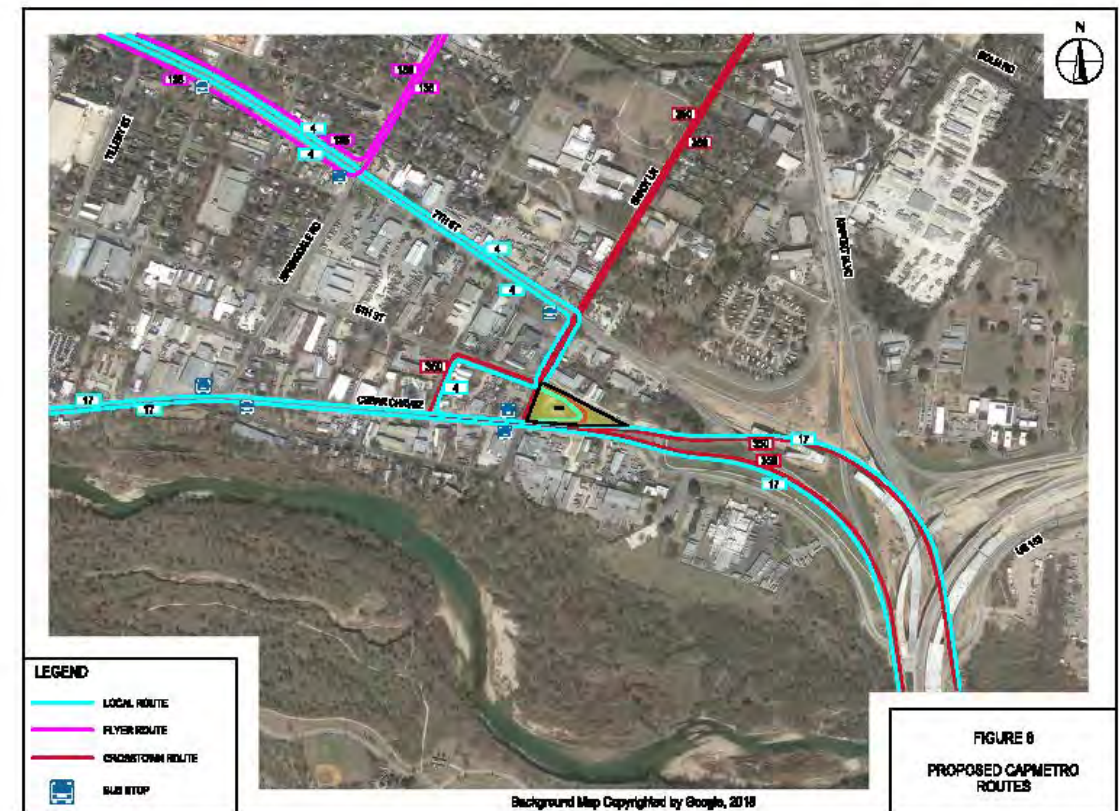
# Capital Area Rural Transportation System



## CARTS INTERURBAN ROUTES



## CAPITAL METRO ROUTES



28 daily connections

INTERFACE

106 daily connections

Prototype for future CapMetro Project Connect stations



# Eastside Multimodal Center



- 10 bus bays / 2,200 sq. ft. passenger terminal
- 8 parking spaces for employees and public
- \$7.8 to \$10.8M total project cost
- \$4.8M committed funding
- Request:
  - Fund and construct roadway, signal and sidewalk improvements
  - \$3M to \$6M





# MoPac South Park and Ride





# Next Steps



- Finalize site assessment and design concept
- Identify capital funding
  - CAMPO call for projects
  - Regional Infrastructure Fund
  - Project funding
- Board consideration

Jeff Dailey, P.E., Deputy Executive Director

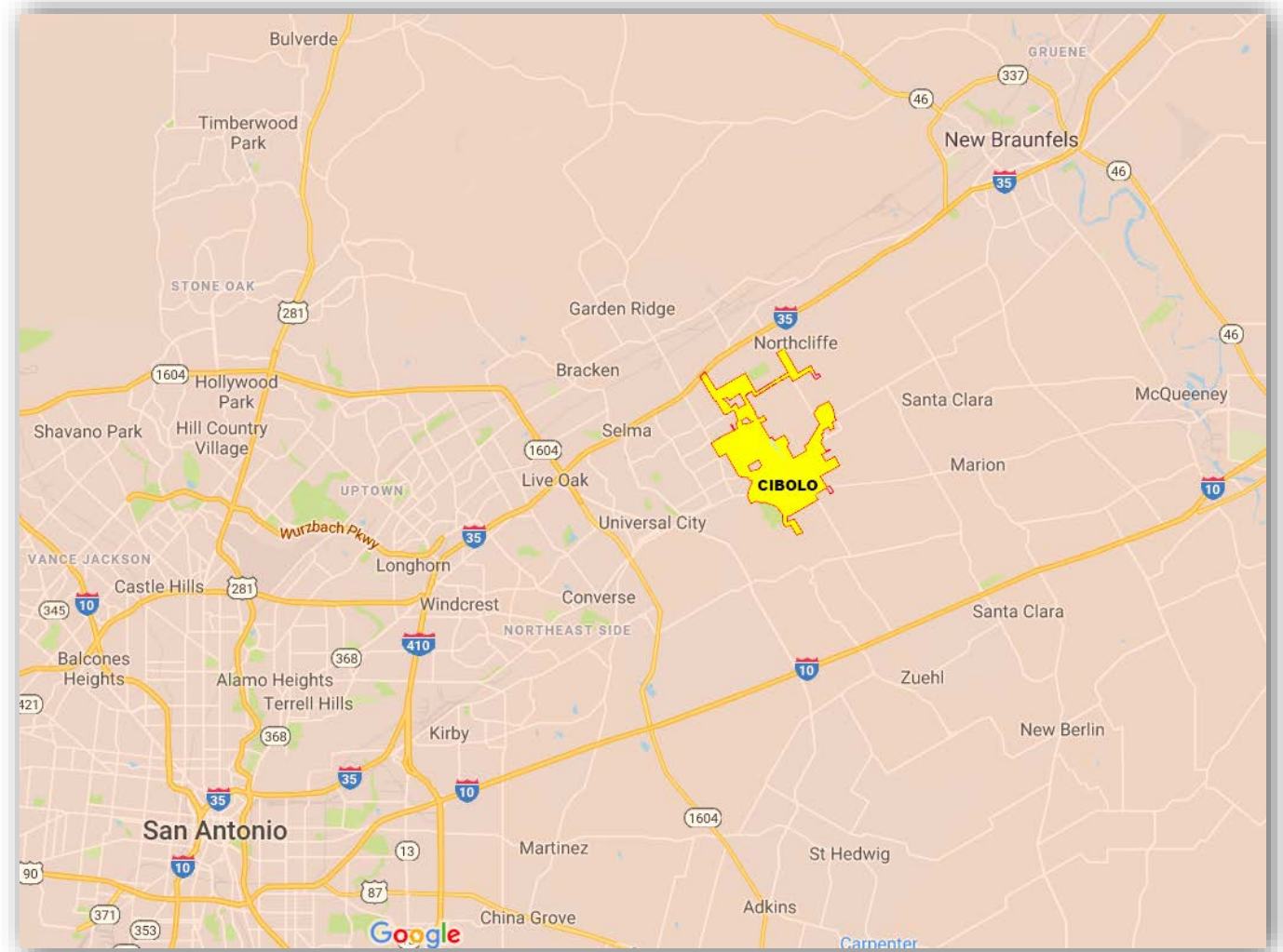
**17. Briefing and discussion regarding a potential tolling systems agreement with the City of Cibolo**



# Cibolo Parkway Partnership



- The City of Cibolo is planning a 6.5 mile toll road to link the fast growing suburb east of San Antonio with IH-10
- The road will be financed, designed, built, operated and maintained under an agreement between the City and its private partner, Cibolo Turnpike, LLC

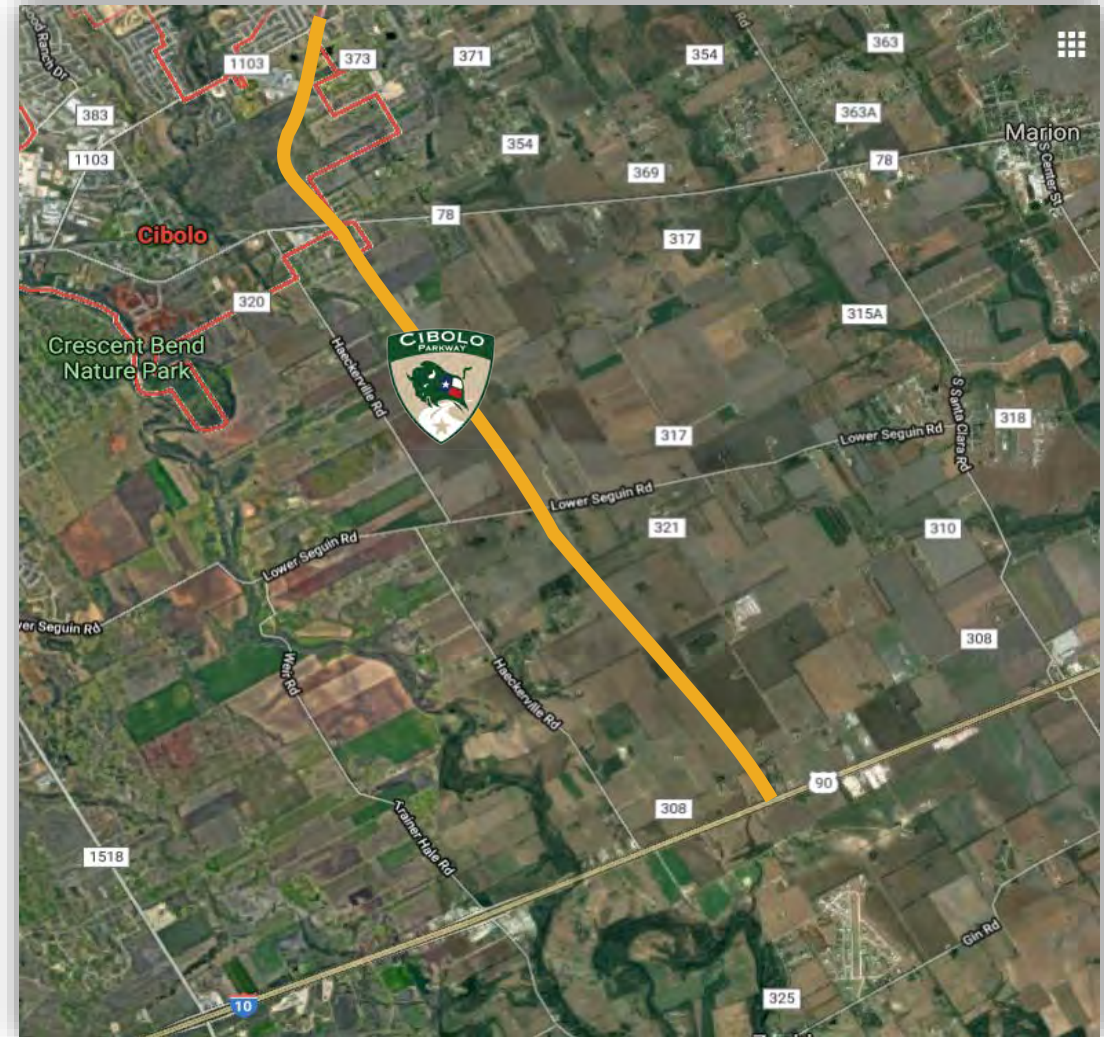




# Cibolo Parkway Partnership



- The City of Cibolo is seeking an interlocal agreement that would allow the Mobility Authority and/or its vendors to provide:
  - Toll transaction processing
  - Toll collection
  - Violation processing
  - Collection management
  - Image processing
  - Pay-by-Mail services
  - Court support services



# Cibolo Parkway Partnership



- The Mobility Authority has similar interlocal agreements to provide toll collection services to:
  - North East Texas Regional Mobility Authority
  - Cameron County Regional Mobility Authority
  - Camino Real Regional Mobility Authority
- Staff is planning to develop an interlocal agreement with the City of Cibolo to bring before the Board for approval at a future meeting





Justin Word, P.E., Director of Engineering

## 18. Quarterly Project Updates

- A. MoPac South
- B. 183 South
- C. 290E Phase III
- D. SH 45SW





# 18A. MoPac South Project Update





## Project Map

- **Project Description:** Add one or two express lanes in each direction
- **Limits:** Cesar Chavez to Slaughter Lane
- **Length:** Approximately 8 miles
- **Previous Cost Estimate:** \$435 – 540m (excluding financing costs)
- **Project Status:** Indefinite hold removed; advancing schematic design and environmental process



# Upcoming Activities



- Project coordination meetings with TxDOT and other key stakeholders
- Refine schedule, schematic design, and cost estimates
- Revise Environmental Assessment components
- Public Meeting #5 – Anticipated early 2020

# Project Timeline



\* Schematic development and bird surveys



A blue-tinted photograph of a highway. On the right side, there is a signpost with three signs: 'NORTH', '183 A', and a 'TOLL' sign with a circular arrow icon. The highway has a concrete barrier on the right and a grassy shoulder. In the background, there are utility poles and a building on the left.

# 18B. 183 South Project Update

# 183 South Project



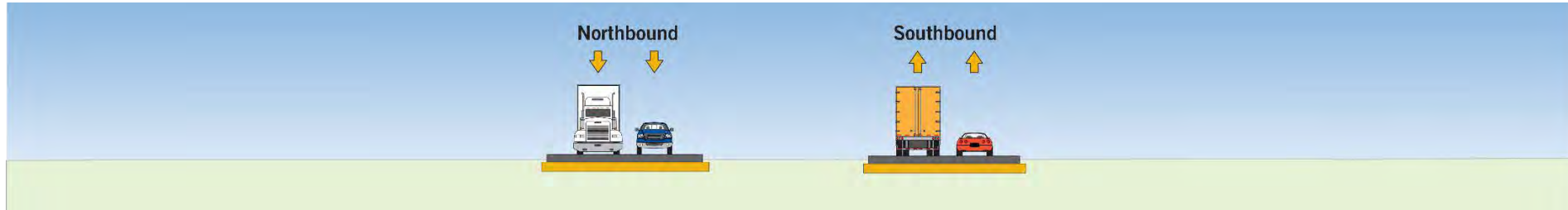
- **Project Limits:** US 290 to SH 71
- **Project Length:** 8 miles
- **Total Project Cost:** \$743 Million
- **Project Status:** Approx. 75% complete
  - Phase I from US 290 to Techni Center Drive opens to traffic and tolling in August 2019
  - Phase II from Techni Center Drive to SH 71 opens August 2020



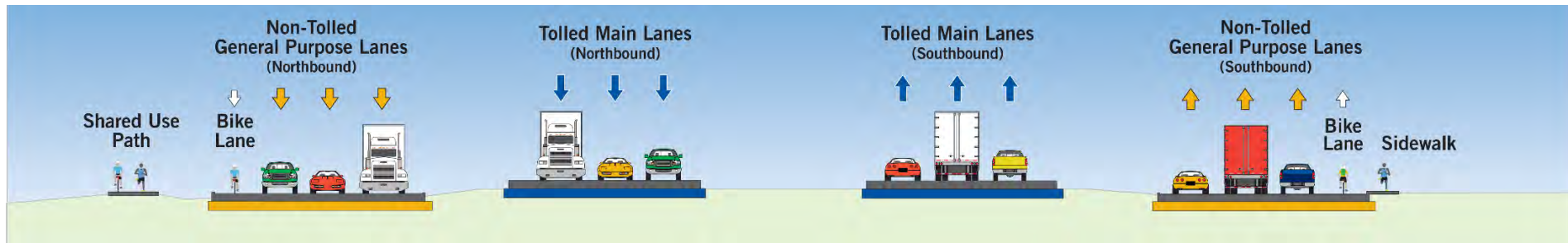
# 183 South Project Scope



## WHAT EXISTS TODAY



## WHAT WE ARE BUILDING



- A new expressway with three tolled lanes in each direction and three non-tolled general-purpose lanes in each direction
- New bicycle lanes, pedestrian bridges, sidewalks, shared use paths, trailheads, aesthetic enhancements and significant landscaping



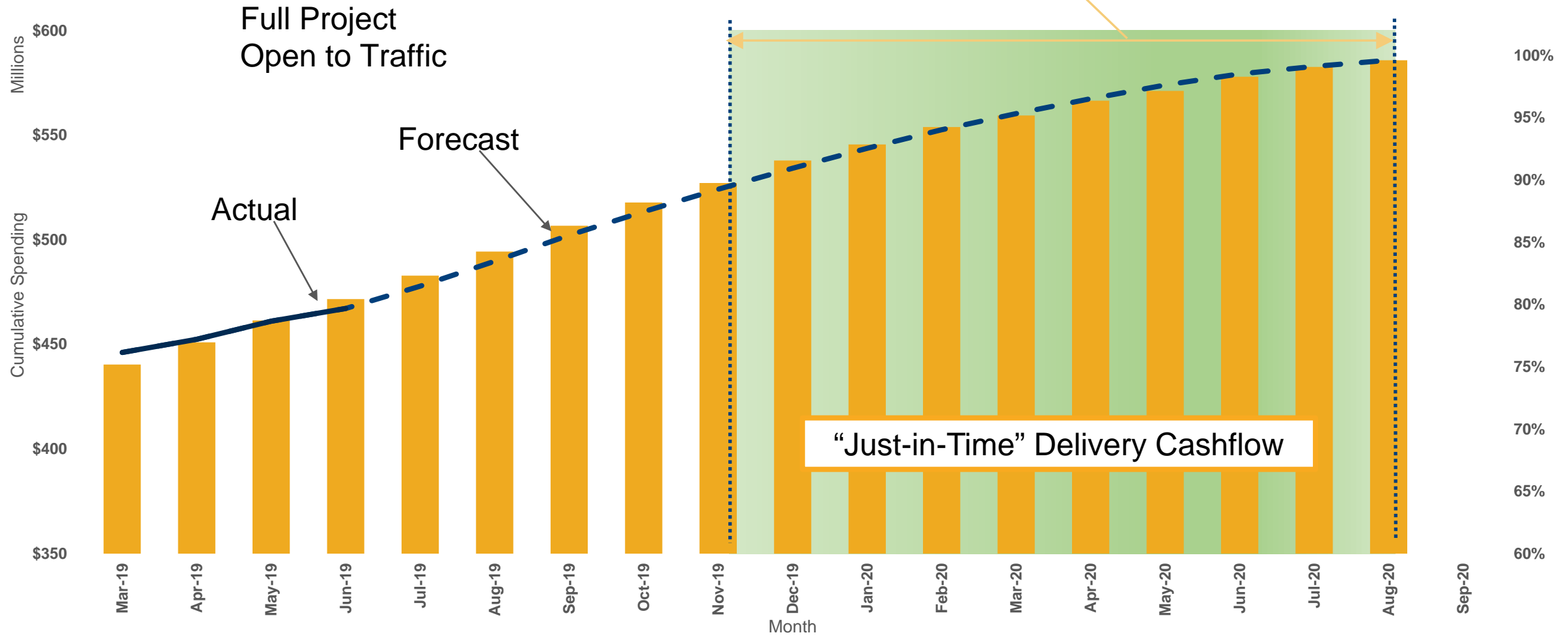
# 183 South Project Schedule



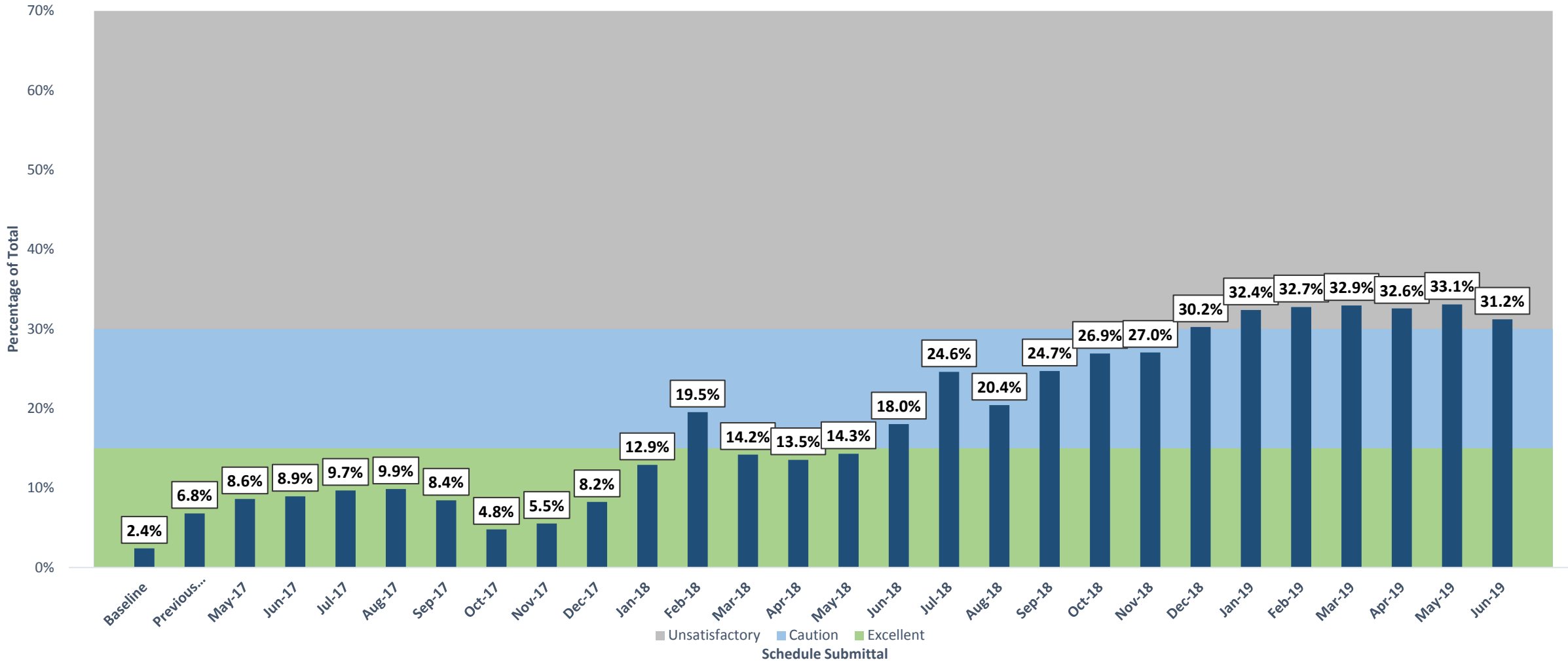
# Cashflow Analysis – Full Project



## Schedule Contingency

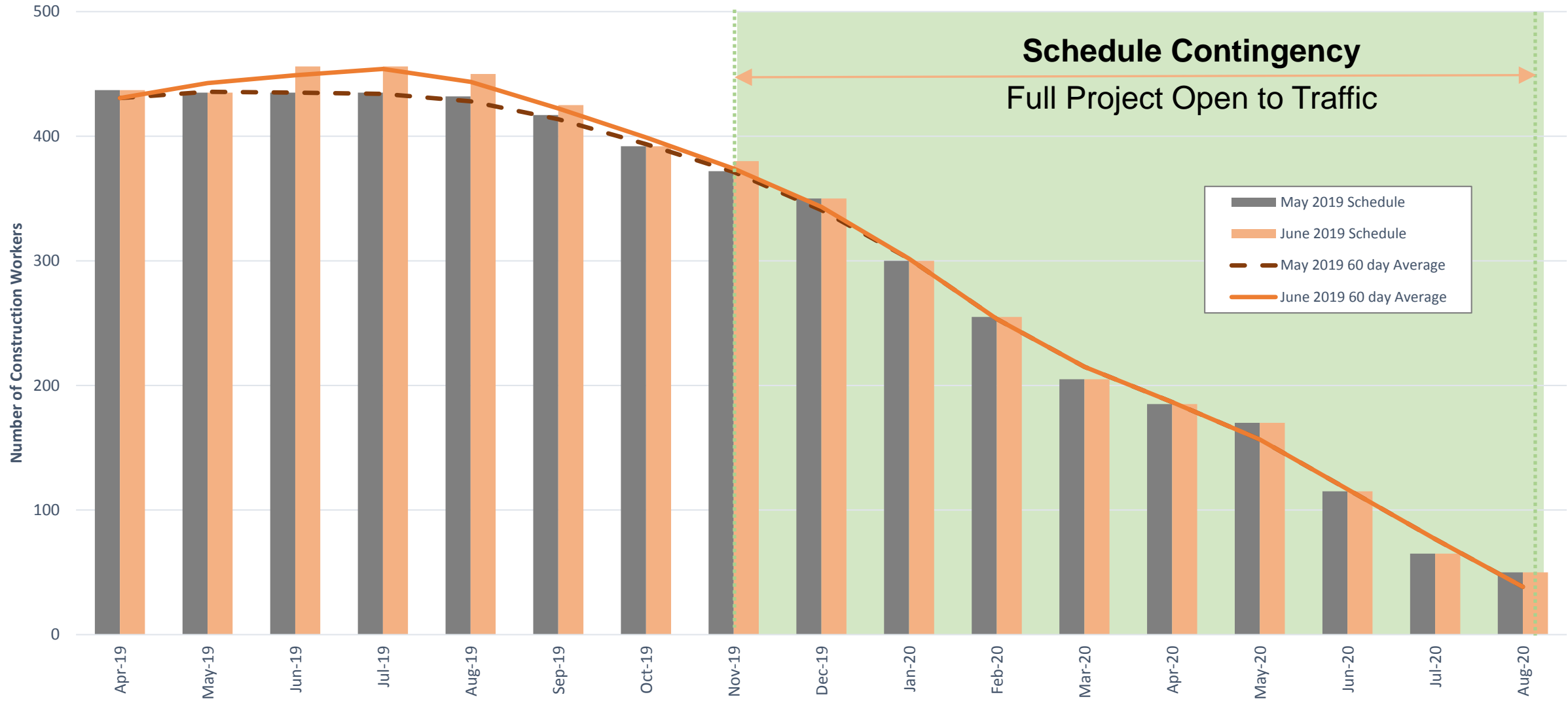


# Near Critical Activities





# Project Labor Resource Curve (May Schedule vs. Current Baseline)



# 183 South Design/Build Project

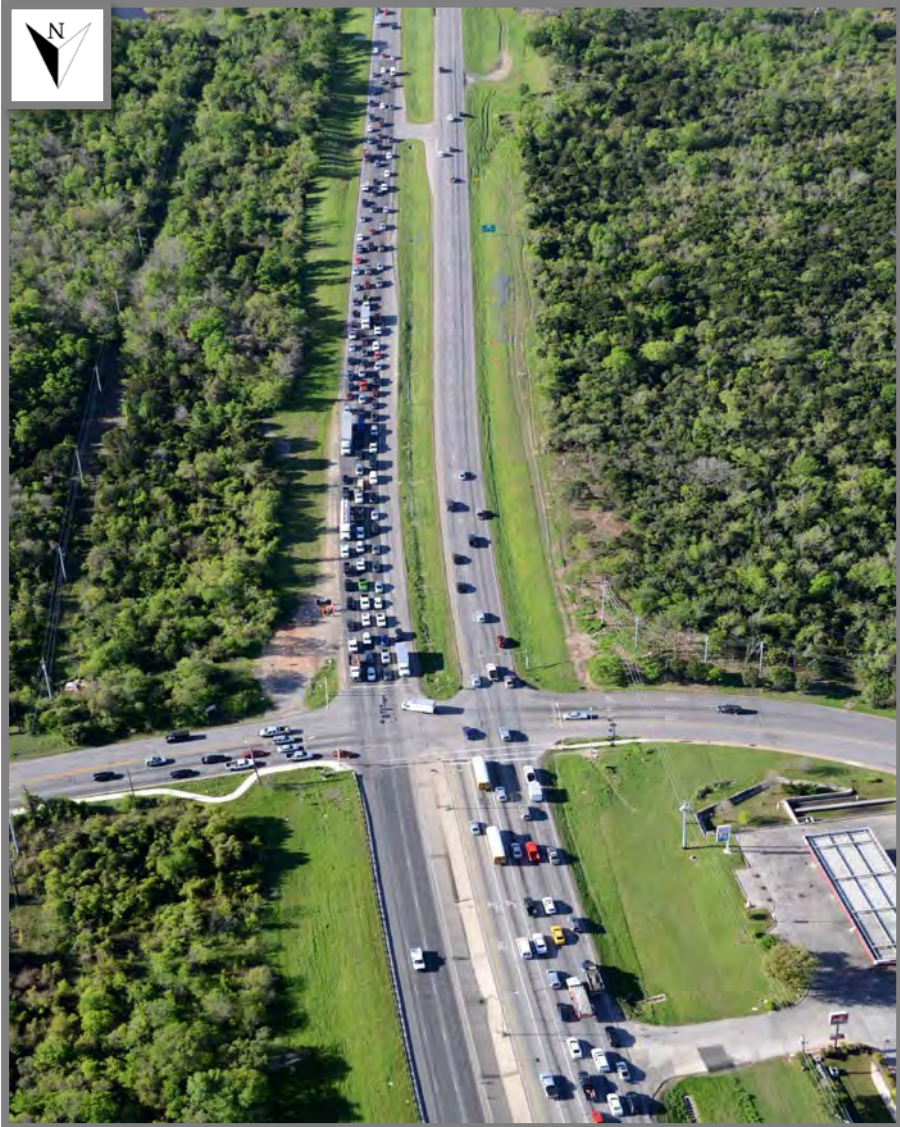


|                                      |  |                      |
|--------------------------------------|--|----------------------|
| <b>EXECUTED CONTRACT VALUE</b>       |  | <b>\$581,545,700</b> |
| <b>Total Project Contingency</b>     |  | <b>\$47,860,000</b>  |
| <b>Obligations</b>                   | <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>     |
|                                      | <b>CO#9</b> Patton Interchange Revision                            | <b>\$3,488,230</b>   |
|                                      | <b>CO#10</b> City of Austin Utility (\$1,010,000 – No Cost to RMA) | <b>\$0</b>           |
|                                      | Others Less than \$300,000 (6)                                     | <b>\$603,889</b>     |
|                                      | <b>EXECUTED CHANGE ORDERS</b>                                      | <b>\$3,239,174</b>   |
|                                      | <b>Change Orders in Negotiations</b>                               | <b>\$5,240,000</b>   |
|                                      | <b>Potential Contractual Obligations</b>                           | <b>\$10,510,000</b>  |
| <b>Total Project Obligations</b>     |  | <b>\$18,989,174</b>  |
| <b>Remaining Project Contingency</b> |  | <b>\$28,870,826</b>  |

Change Order  
Status as of 6/30/19



# Construction Activities: Loyola Lane



March 2016



July 2019



# Drone Flight: Loyola to Techni Center Dr



July 2019





# Drone Flight: Bolm Road to Thompson Road







# 18C. 290E Phase III (Flyovers) Project Update



# 290 Flyovers Project Scope



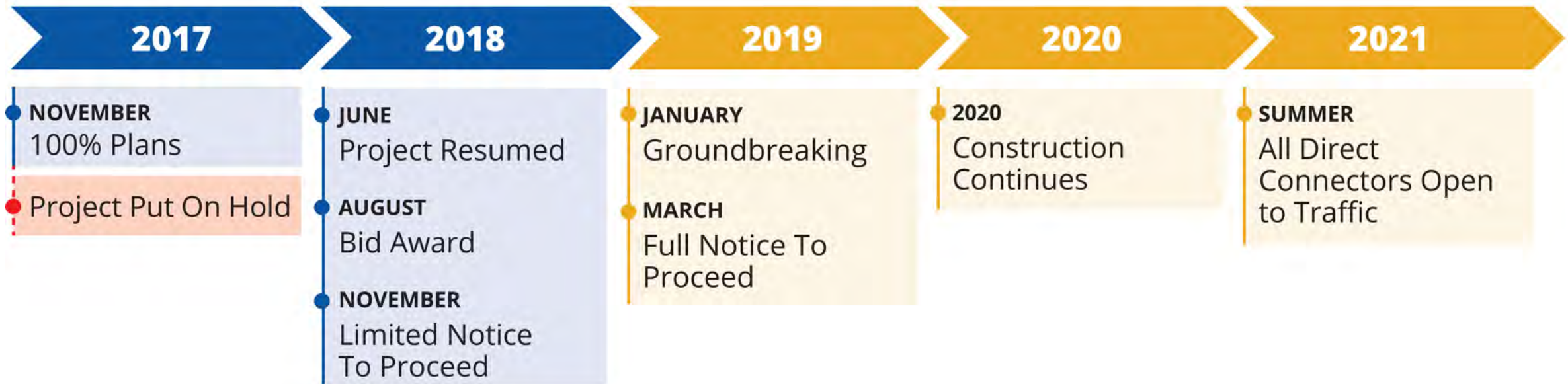
- **Project Description:** Three flyovers will be constructed between 290 Toll and SH 130:
  - Two tolled: northbound and southbound SH 130 to westbound 290 Toll
  - One non-tolled: eastbound 290 Toll to southbound SH 130
- **Limits:** Intersection of US 290 and SH 130
- **Total Project Cost:** \$127 Million
- **Project Status:** Construction began with limited Notice to Proceed (NTP) in November 2018 with full NTP issued March 2019



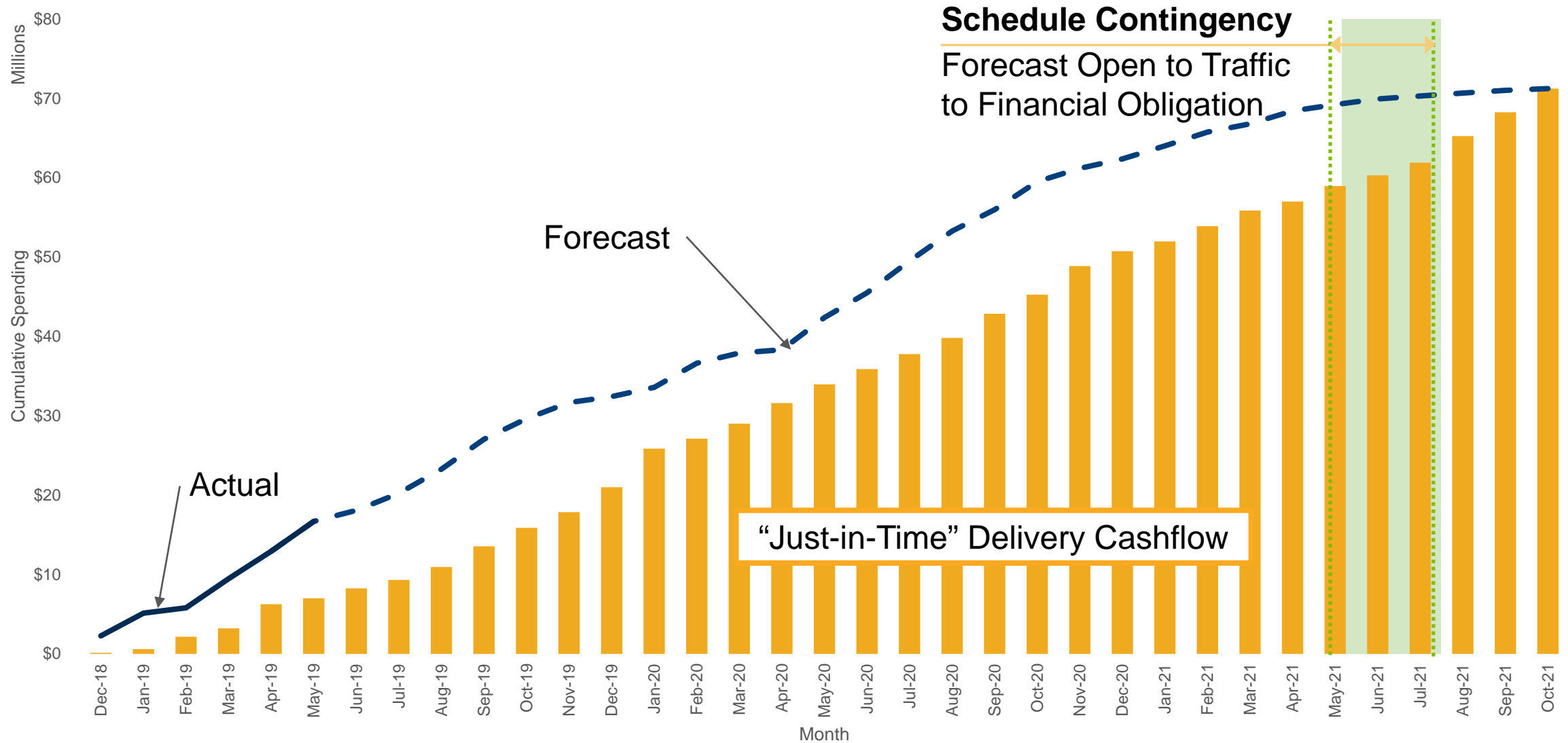
# Schedule



➤ Design / Procurement  
➤ Construction



# Cashflow Analysis





# 290/130 Flyovers Project – Financial Status



|  |  |                     |
|--|--|---------------------|
| <b>EXECUTED CONTRACT VALUE</b>             |  | <b>\$71,236,424</b> |
| <b>Total CTRMA Project Contingency</b>     |  | <b>\$10,633,758</b> |
| <b>Obligations</b>                         | <b>EXECUTED CHANGE ORDERS</b>                                  |                     |
|  | <b>CO#1</b> Limited NTP  | <b>\$0</b>          |
|  | <b>EXECUTED CONTRACT AMENDMENTS</b>                            |                     |
|  | <b>CA#1</b> Contract Milestone Addition and Incentive Revision | <b>\$1,500,000</b>  |
|  | <b>ORIGINAL CONTRACT INCENTIVE OBLIGATIONS</b>                 |                     |
|  | Change Orders in Negotiations                                  | \$134,000           |
|  | Potential Contractual Obligations                              | \$201,000           |
| <b>Total Project Obligations</b>           |  | <b>\$2,195,000</b>  |
| <b>Remaining CTRMA Project Contingency</b> |  | <b>\$8,438,758</b>  |

Change Order  
Status as of **6/30/19**



# Construction Activities: SH 130 at Parmer Lane



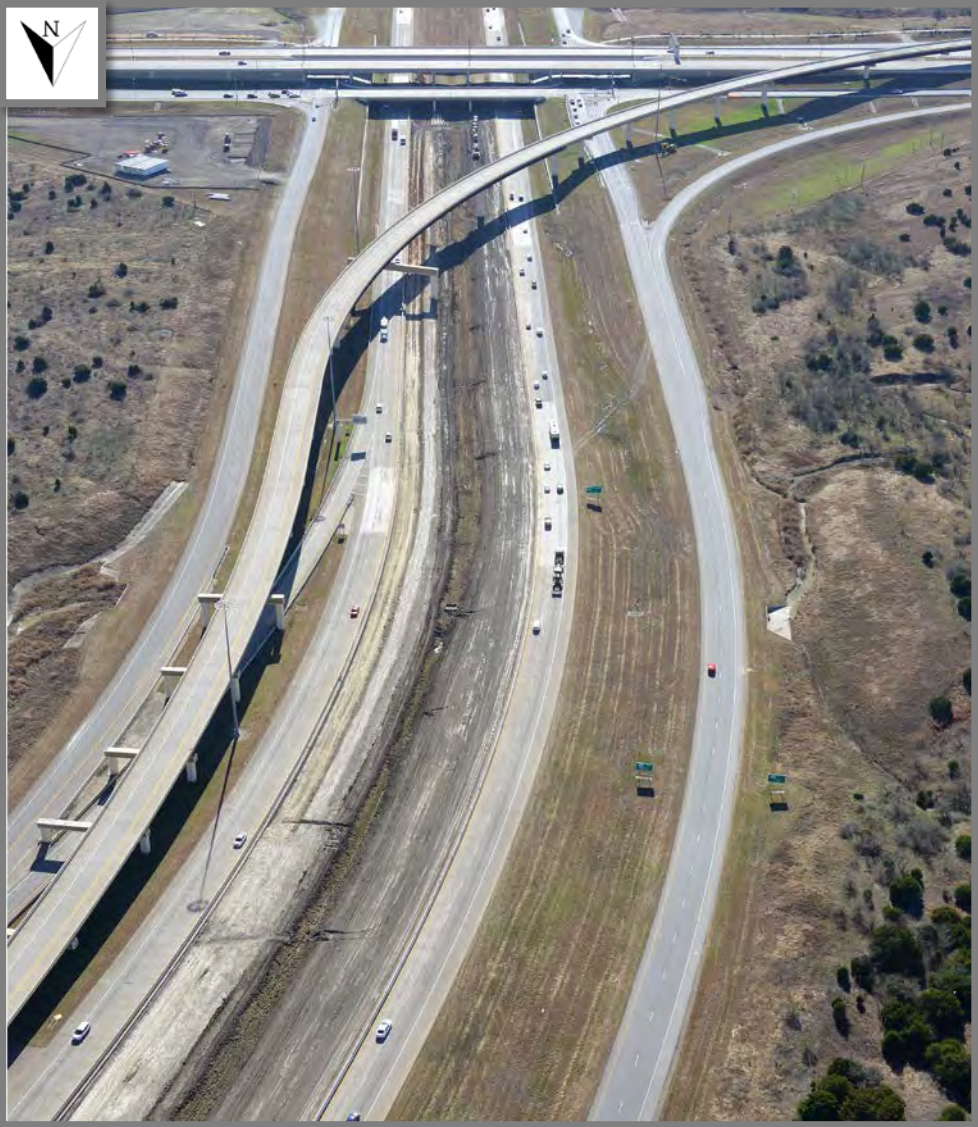
December 2018



July 2019



# Construction Activities: SH130 – North of 290E



December 2018



July 2019



# Construction Activities: 290E – West of SH130



December 2018



July 2019



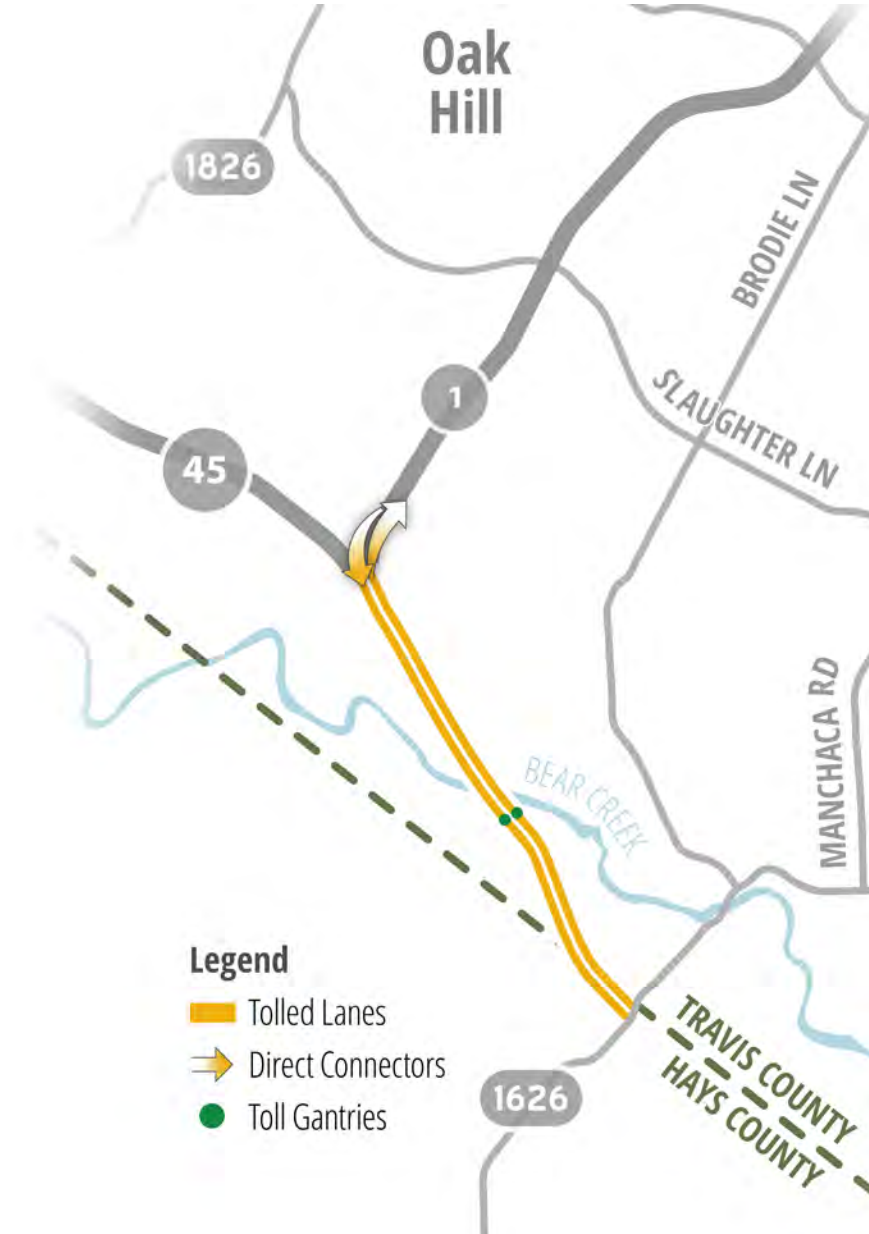


# 18D. SH 45SW Project Update

# SH 45SW Design/Bid/Build Project



- **Project Limits:** FM 1626 to Loop1/MoPac
- **Project Length:** 3.6 miles
- **Total Project Cost:** \$109 Million
- **Project Status:** Complete





# Traffic Counts through July 15



- **Total Transactions:**  
394,192
- **Projected Opening  
Year Traffic Volumes:**  
6,600-8,000/day
- **Average Weekday  
Transactions:**  
8,670
- **Average Weekday  
Toll Tag Penetration:**  
64%

## June 1: Open to Traffic





# 45SW Shared Use Path



July 13: Trail Opened





# 45SW: Bliss Spillar Bridge





# 45SW: Bear Creek Bridge





# MoPac Interchange

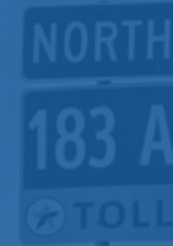




Mike Heiligenstein, Executive Director

# 19. **Executive Director Report**

## A. Board Workshop



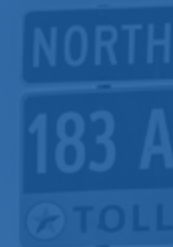




## **Executive Session**

- 20. Discuss acquisition of one or more parcels or interests in real property needed for the Bergstrom Expressway (183 South) Project and related legal issues, including consideration of the use of eminent domain to condemn property, pursuant to §551.072 (Deliberation Regarding Real Property; Closed Meeting) and §551.071 (Consultation with Attorney; Closed Meeting).**
- 21. Discuss legal issues related to claims by or against the Mobility Authority; pending or contemplated litigation and any related settlement offers; or other matters as authorized by §551.071 (Consultation with Attorney).**
- 22. Discuss legal issues relating to procurement and financing of Mobility Authority transportation projects, as authorized by §551.071 (Consultation with Attorney).**
- 23. Discuss personnel matters as authorized by §551.074 (Personnel Matters).**

## 24. Adjourn Meeting







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**MOBILITY AUTHORITY**

# Thank You

[www.MobilityAuthority.com](http://www.MobilityAuthority.com)







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