



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Regular Meeting of the Board of Directors

September 26, 2018



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

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. There are utility poles and trees in the background. The sky is blue with some clouds.

1 Welcome and Opening Remarks by the Chairman and members of the Board of Directors

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

2 Opportunity for public comment



Convene the Audit Committee Meeting

Agenda Item 3





3 Audit Committee Meeting

A. Audit Committee meeting called to order by Committee Chairman Singleton

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.

3 Audit Committee Meeting

B. Introduction of external auditors from RSM US LLP

The background image shows a perspective view of a road with a concrete barrier on the right side. In the distance, a signpost holds three signs: 'NORTH', '183 A', and a 'TOLL' sign with a circular arrow icon. The entire image is overlaid with a semi-transparent blue filter.

3 Audit Committee Meeting

C. Discuss, consider, and take appropriate action to accept the Fiscal Year 2018 Audit Reports

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

3 Audit Committee Meeting

D. Adjourn Audit Committee

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.

> Regular Items
Agenda Items 4-13

Geoff Petrov, Legal Counsel

4 Approve the minutes from the July 25, 2018 Regular Board meeting and the August 22, 2018 Special Called Board meeting

Mary Temple, Controller

**5 Accept the financial statements for
July 2018 and August 2018**

NORTH
183 A
TOLL

Mary Temple, Controller

6 Approve Amendment No. 2 to the CDM Smith Inc. Agreement and Authorize Future Work Authorizations for Traffic and Revenue Studies on Mobility Authority Toll Projects

Tracie Brown, Director of Operations

7 Consider and take appropriate action on the proposed registered account parameters, fees and charges, and billing schedule for the new Pay By Mail program

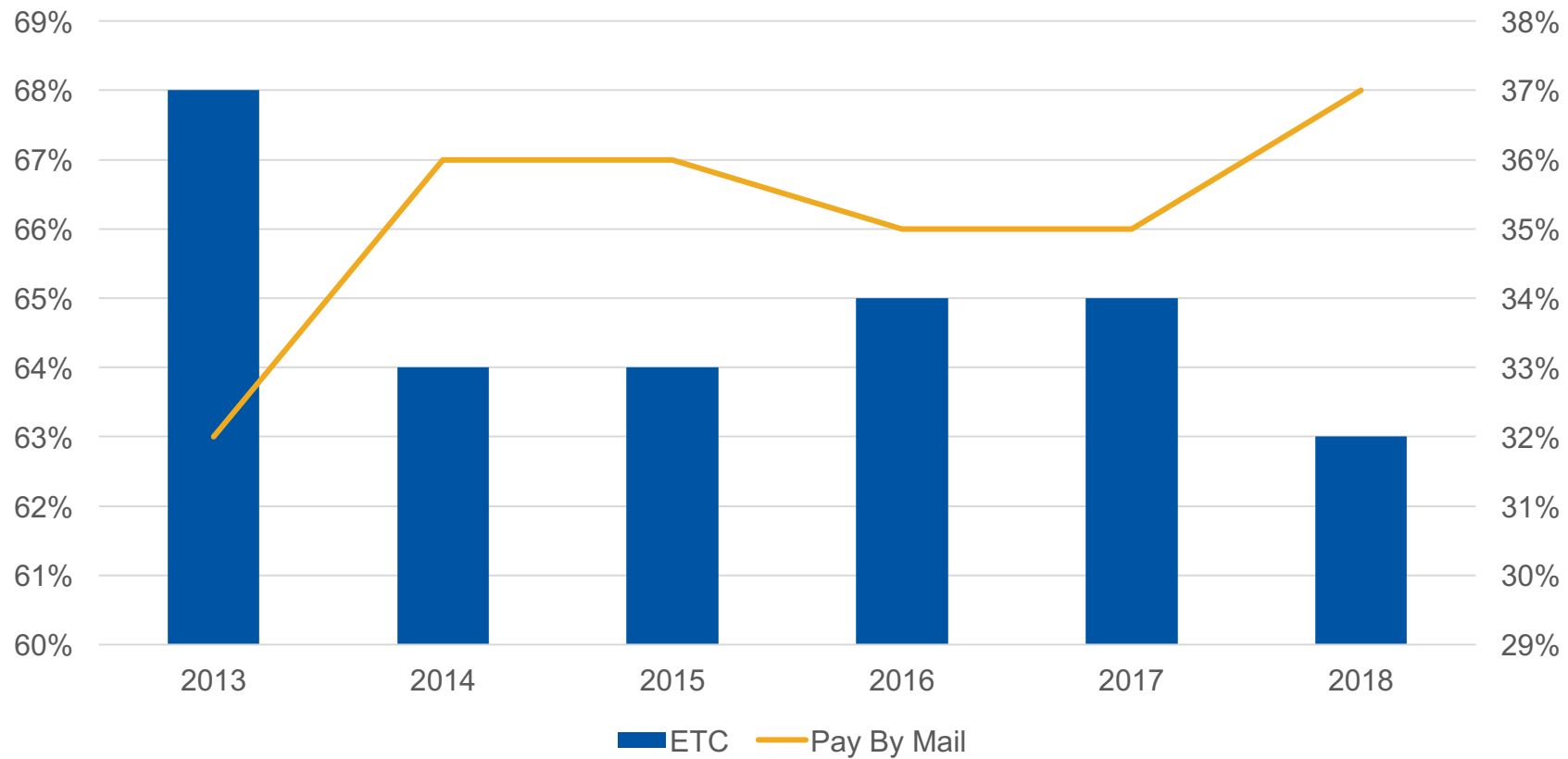


Our Charge

- **Create a program that:**
 - Mitigates risk
 - Encourages tag usage and/or pre-payment
 - Simplifies billing
 - Provides a good customer experience
 - Ensures fairness

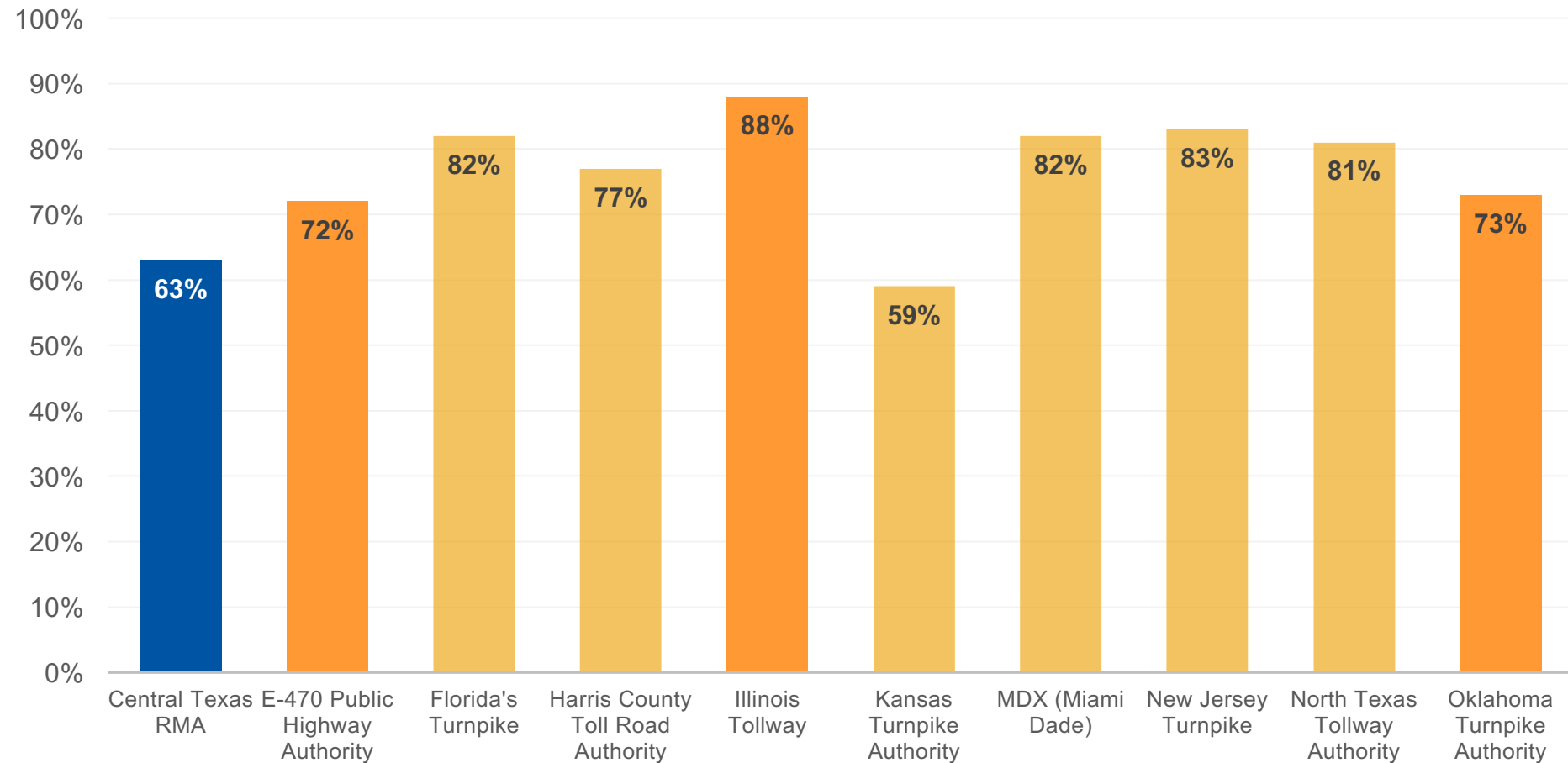


Mobility Authority Historical Toll Tag Usage





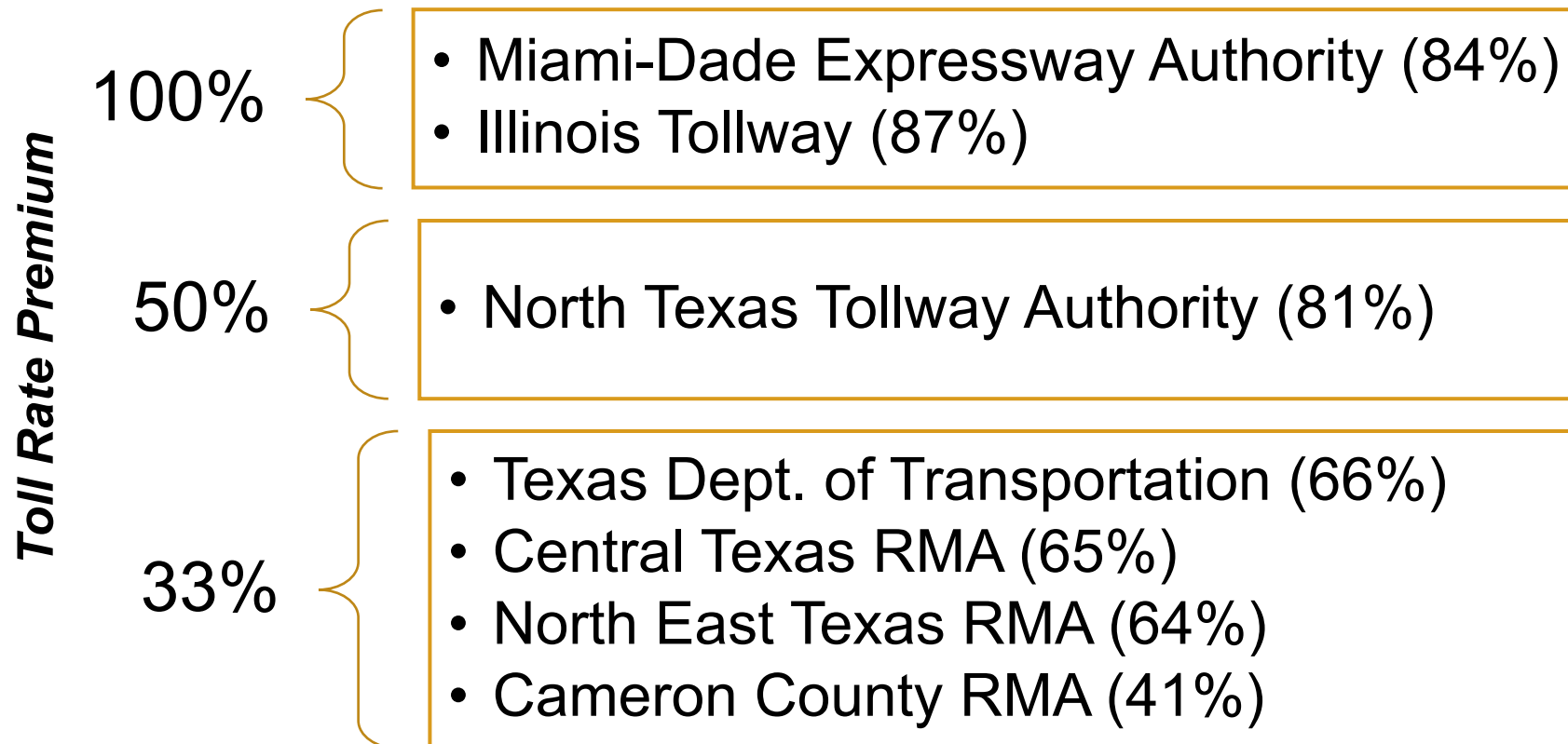
Industry Toll Tag Usage Rates for 2017





Industry Snapshot

Agency (Tag Penetration)





Diversifying Payment Options

Good



Intended for infrequent users

Better

Registered Accounts

Ideal for users that don't want a tag but want to avoid the hassle of a bill

BEST!

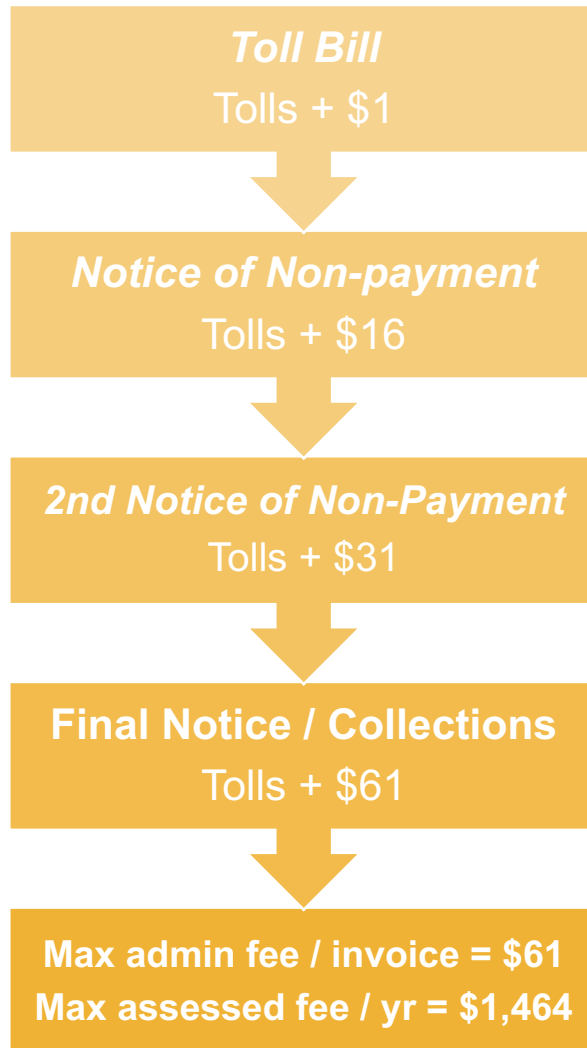


Provides lowest cost and most convenience for frequent toll road users



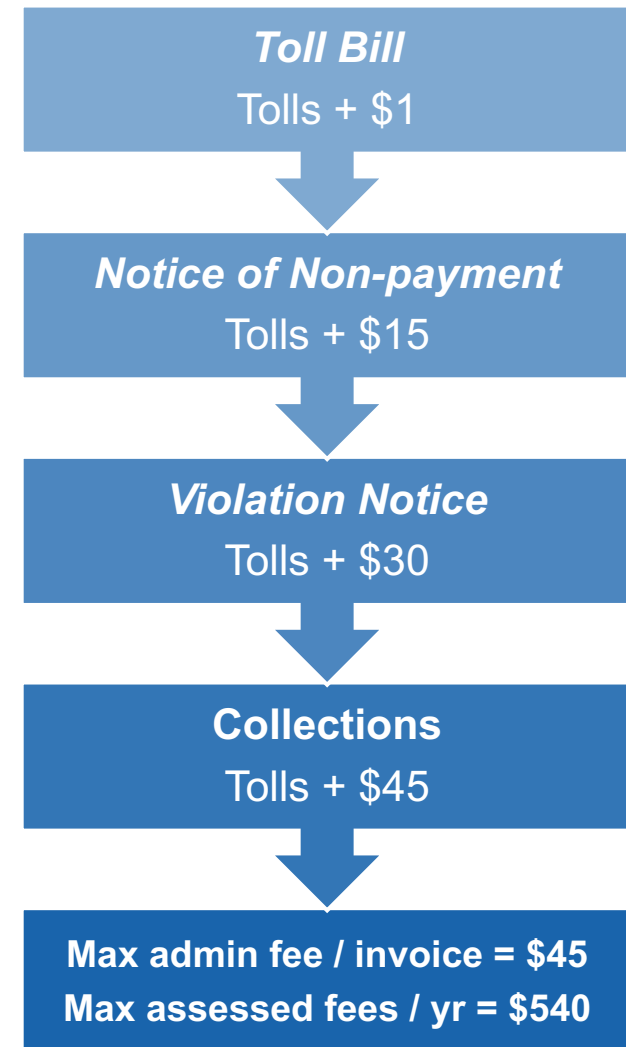
Simplified Billing & Decreased Fees

CURRENT – Every 15 days



The new Pay By Mail program results in a 63% decrease in administrative fees possible for unpaid invoices

PROPOSED – Every 30 days





Improved Payment Options & Notifications

CATEGORY	FEATURE	CURRENT PROGRAM	NEW PROGRAM
Walk-up Payments	Retail (<i>HEB, Walmart, Fiesta, Kroger</i>)	✓	✓
	TxTag CSC	✓	✓
	Vendor CSC	X	✓
Pay By Mail	Toll Bill to best address	X	✓
	E-notices	X	✓
	Bill copies online	X	✓
	Early pay discount (<i>future enhancement</i>)	X	✓
Registered Pre-Paid Accounts	Statement copies available online	N/A	✓
	SMS notifications	N/A	✓
Miscellaneous	Web chat	✓	✓
	Web pay	✓	✓
	IVR (phone pay)	✓	✓
	Pay before bill is mailed	X	✓



Hold Non-payers Accountable

- Increase number of criminal complaint submissions for Failure to Pay Toll
- Implement habitual violator remedies for egregious violators (*Agenda Item #8*)
 - Name publication
 - Vehicle registration block
 - Vehicle prohibition



Staff Recommendation

- **To incentive tag usage and increase industry standing:**
 - ✓ Increase Pay By Mail toll rate premium to 50% as of Jan 1, 2019
 - Reward early payers by offering 33% instead of 50% (*summer 2019*)
 - Offer current 33% toll rate premium to registered PBM account holders
- **To improve the customer experience:**
 - ✓ Approve *Registered Account Parameters*
 - ✓ Approve proposed *Schedule of Fees and Charges*
 - ✓ Approve proposed *Billing Schedule*



Impact of Proposed Changes

Proposed Admin Fee	Max Assessed Fees After Non-payment <i>(annually per plate)</i>	Toll Rate Premium	Revenue Impact
\$15	\$540	50%	\$0
No Change	\$1,464	33%	\$0
\$15	\$540	33%	- \$2.7M
\$4	\$48	33%	- \$11M



Future Policy Code Modifications

- **301.0211** – Vehicles Prohibited in an Express Lane
- **301.4** – Exemption from Toll
- **301.5** – Discounts and Incentives
- **301.9** – Video Billing
- **301.10** – Establishment of Administrative Fees for Unpaid Tolls
- **301.11** – Customer Service and Violation Policies

Tracie Brown, Director of Operations

8 Adopt a Habitual Violator Policy for the implementation of new toll enforcement remedies and approve corresponding amendments to the Mobility Authority Policy Code



Habitual Violator Legislation

In 2013 the Texas Legislature enacted into law new toll enforcement remedies aimed at Habitual Violators. As defined by the Texas Transportation Code 372, ***toll entities may pursue remedies to prohibit use of toll roads, deny vehicle registration, and impound vehicles which continue to violate the prohibition of toll use.***



Habitual Violator Qualification

- **Issued 2 notices of nonpayment**
 - that contain (in aggregate) **100 or more events of nonpayment within 365 days**
 - contain a **warning that the failure to pay the amounts specified may result in the toll project entity's exercise of habitual violator remedies**
- **Have not paid the full total amount due for tolls and administrative fees** under those notices



CTRMA Eligible Habitual Violator List

Name	City	County	State	No. of Unpaid Tolls	Balance Due
Customer #1	Leander	Williamson	TX	2,812	\$ 5,496.37
Customer #2	Leander	Williamson	TX	2,610	\$ 5,618.49
Customer #3	Elgin	Bastrop	TX	2,562	\$ 4,338.12
Customer #4	Austin	Travis	TX	2,356	\$ 3,215.22
Customer #5	Austin	Travis	TX	2,217	\$ 3,329.53
Customer #6	Leander	Williamson	TX	2,166	\$ 4,423.33
Customer #7	Leander	Williamson	TX	2,120	\$ 4,525.92
Customer #8	Elgin	Bastrop	TX	2,103	\$ 3,633.95
Customer #9	Manor	Travis	TX	2,085	\$ 2,685.85
Customer #10	Pflugerville	Travis	TX	2,008	\$ 3,967.13



Habitual Violator Enforcement Remedies

- After unsuccessful appeal by customer and upon **approval by CTRMA Board**:
 - Publish prohibited owner info - **name**, **city** and **state** of residence, **total number** of events of nonpayment, and **total amount due** for the tolls and admin fees.
 - Send ***Notice of Prohibition Order*** to registered owner(s) banning use of CTRMA's toll facilities.
 - A peace officer may **detain** a **motor vehicle** observed by the officer to be operated in violation of the prohibition order.
 - Place a hold on the vehicle's registration.



Habitual Violator Implementation Timeline

- **September 27:** Board approves habitual violator policy
- **October 15:** Habitual violator advisory letters issued
- **November 14:** Advisory response deadline
- **November 16:** Habitual violator pre-determination letters mailed
- **December 17:** Deadline for pre-determination customer appeal
- **December 19:** Board approval of habitual violator final determination
- **January 2019:** *Notices of Prohibition*, name publication and registration holds implemented
- **February 2019:** Road enforcement begins



Staff Recommendation

- Adopt habitual violator enforcement remedies
- Amend *Section 301.10 – Violation Enforcement Remedies* of the Authority's *Policy Code*

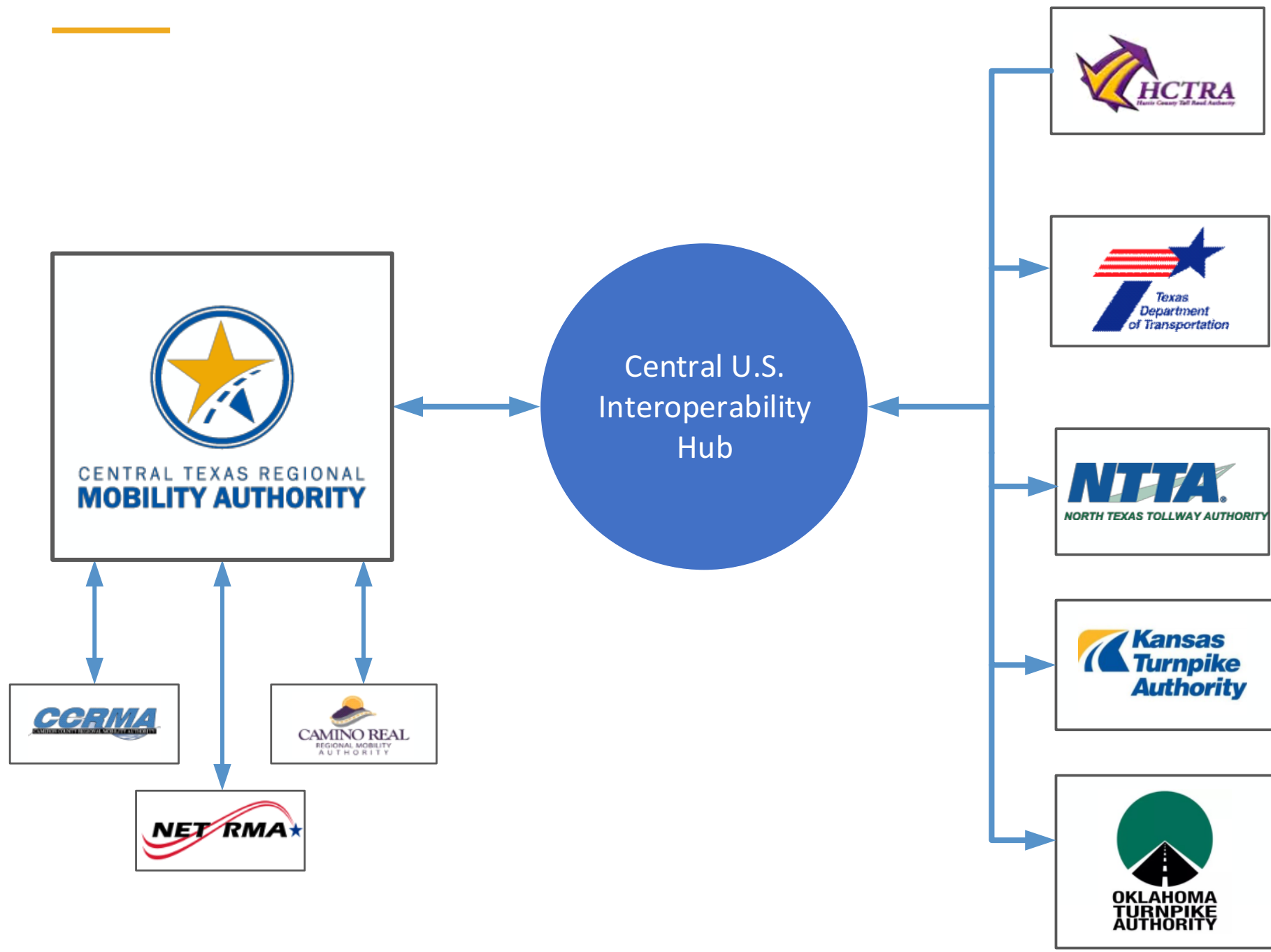
Tracie Brown, Director of Operations

- 9 **Approve an interlocal agreement with the North East Texas Regional Mobility Authority for electronic and video toll collection transaction processing and image review services**



CTRMA & NET RMA Partnership

- In 2013 the CTRMA Board approved an interlocal agreement with NET RMA for electronic toll transaction processing and video toll collection services through the Mobility Authority's third-party vendors.
 - Services provided by Schneider Electric and MSB
 - Performed on a pass-through basis at zero cost to the Mobility Authority
- The agreement was extended in 2015





CTRMA & NET RMA Partnership

- In July 2018 the NET RMA Board approved a new ILA with CTRMA for electronic toll transaction processing, video toll collection and image review services
 - Services provided by Kapsch TrafficCom, USA and Cofiroute USA, LLC
 - Performed on a pass-through basis at zero cost to the Mobility Authority



Staff Recommendation

- Approve the execution of an interlocal agreement with the North East Texas RMA for electronic and video toll collection transaction processing and image review services

Justin Word, P.E., Director of Engineering

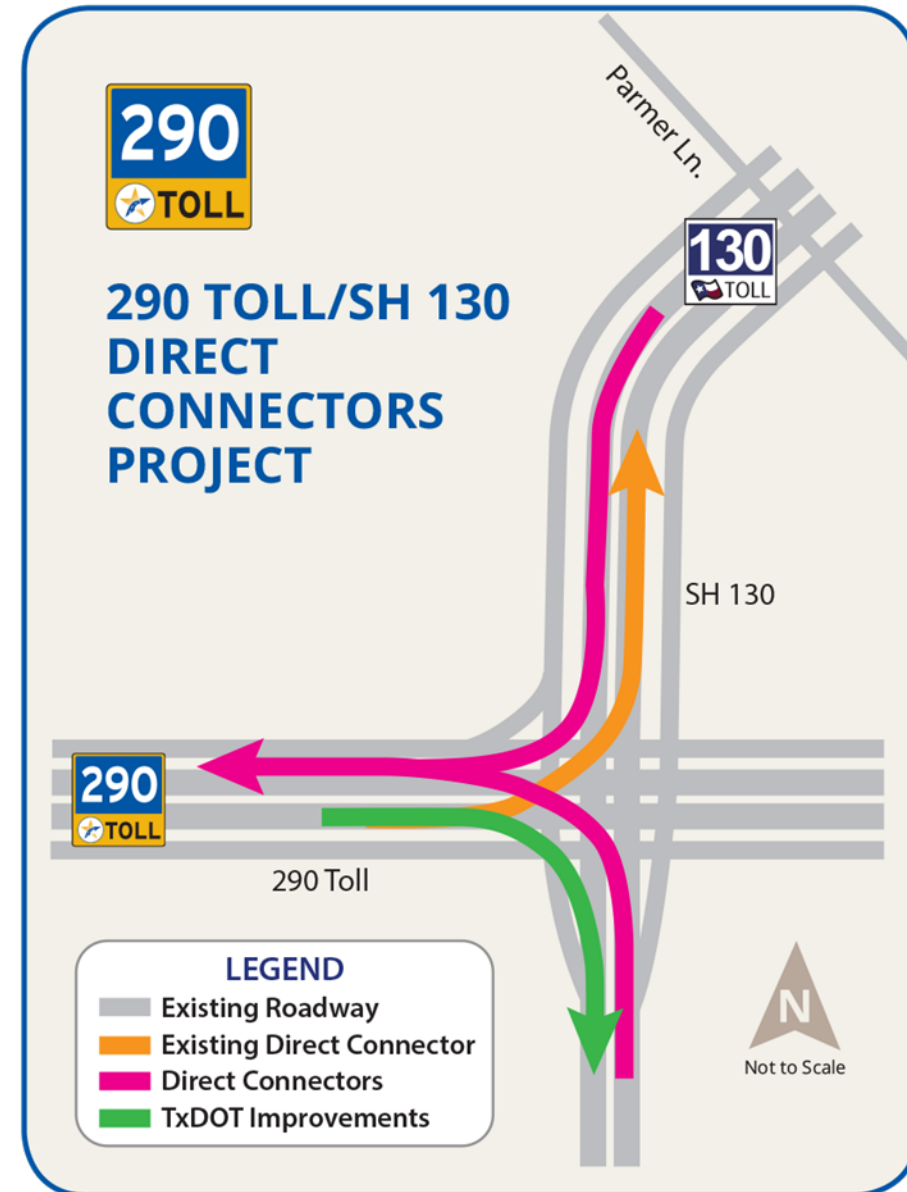
10

Approve a contract and work authorization for construction engineering and inspection services, approve a work authorization for general engineering consultant services, and approve a contingency budget for construction phase professional services for the Manor Expressway (290E) Phase III Project



Project Summary

- Total Project Cost \$127M
- Funding Sources
 - CTRMA \$85.9M
 - TxDOT \$41.1M
- Construction start fall 2018
- Open to tolling summer of 2021





Proposed Action

- Execution of a construction engineering and inspection (CE&I) contract and work authorization with HDR, Inc.
- Execution of a work authorization for general engineering consulting (GEC) services
- Creation of a contingency budget to manage construction phase services
- Budget covers from fall 2018 through final acceptance of the project

Firm	Description	Amount
HDR	CE&I	\$8,284,409.28
Atkins	GEC	\$3,309,459.76
Contingency		\$1,739,080.36
Total		\$13,332,949.40

Mike Heiligenstein, Executive Director
Jeff Dailey, Deputy Executive Director

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Authorize the Executive Director to enter into one or more Interlocal Agreements with the Capital Area Council of Governments for Emissions and Fuel Consumption Analysis on CTRMA facilities



Project Summary

- Analyze the impacts of projects on emissions and fuel consumption through a cooperative effort with Capital Area Council of Governments
 - Change in vehicle speeds with/without project
 - Shifts in modes of transportation (i.e. MetroExpress)
- Potential Studies
 - MoPac North (Express)
 - SH 45SW
 - MoPac South
 - 183 South



Initial Project and Requested Action

- MoPac Project Cost and Schedule
 - Cost - \$10,000
 - Initial findings January 2019
 - Final report March 2019

- Staff requests Board approval of the resolution

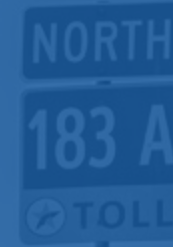
Authorize the Executive Director to enter into one or more Interlocal Agreements with the Capital Area Council of Governments for Emissions and Fuel Consumption Analysis on CTRMA Facilities for an amount not to exceed \$50,000.



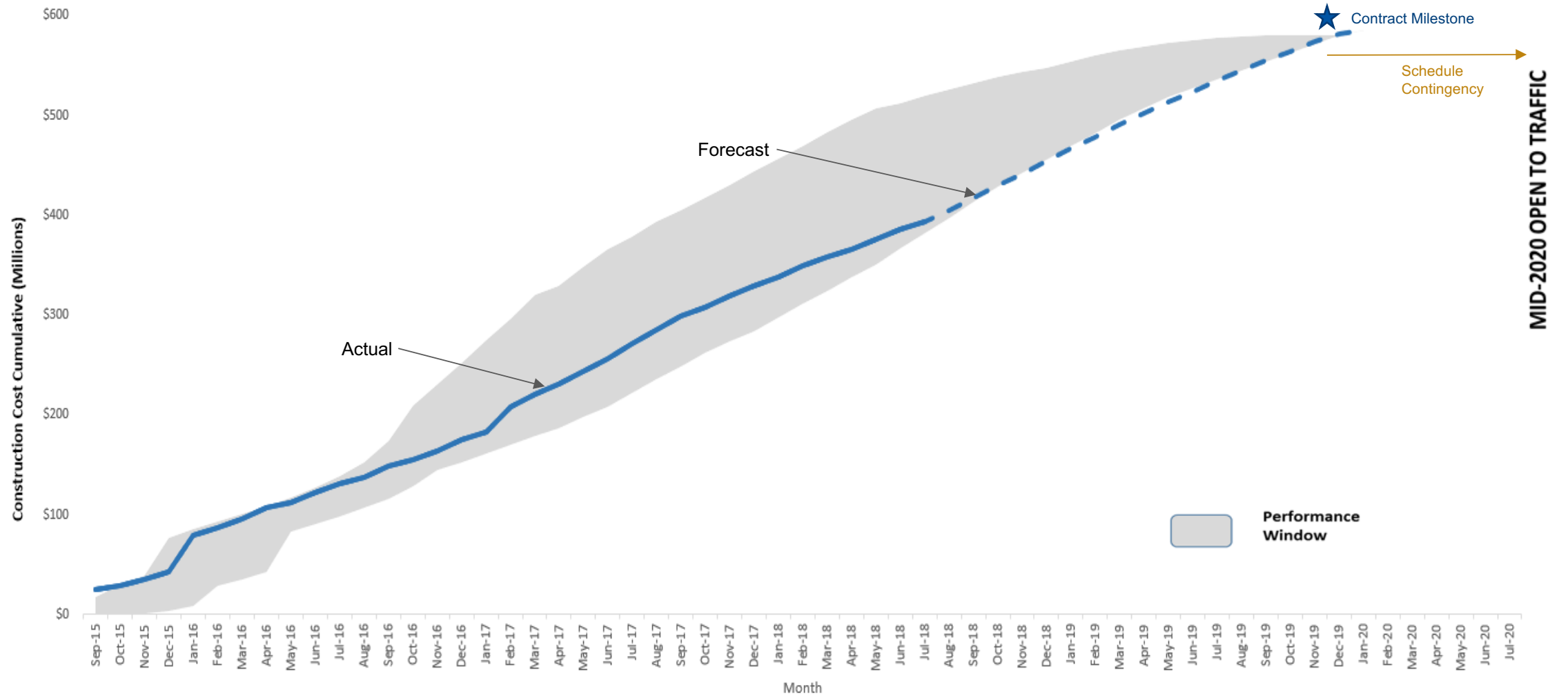
➤ **Briefings and Reports**
Agenda Items 12-15

Justin Word, P.E., Director of Engineering

12 183 South Project Update

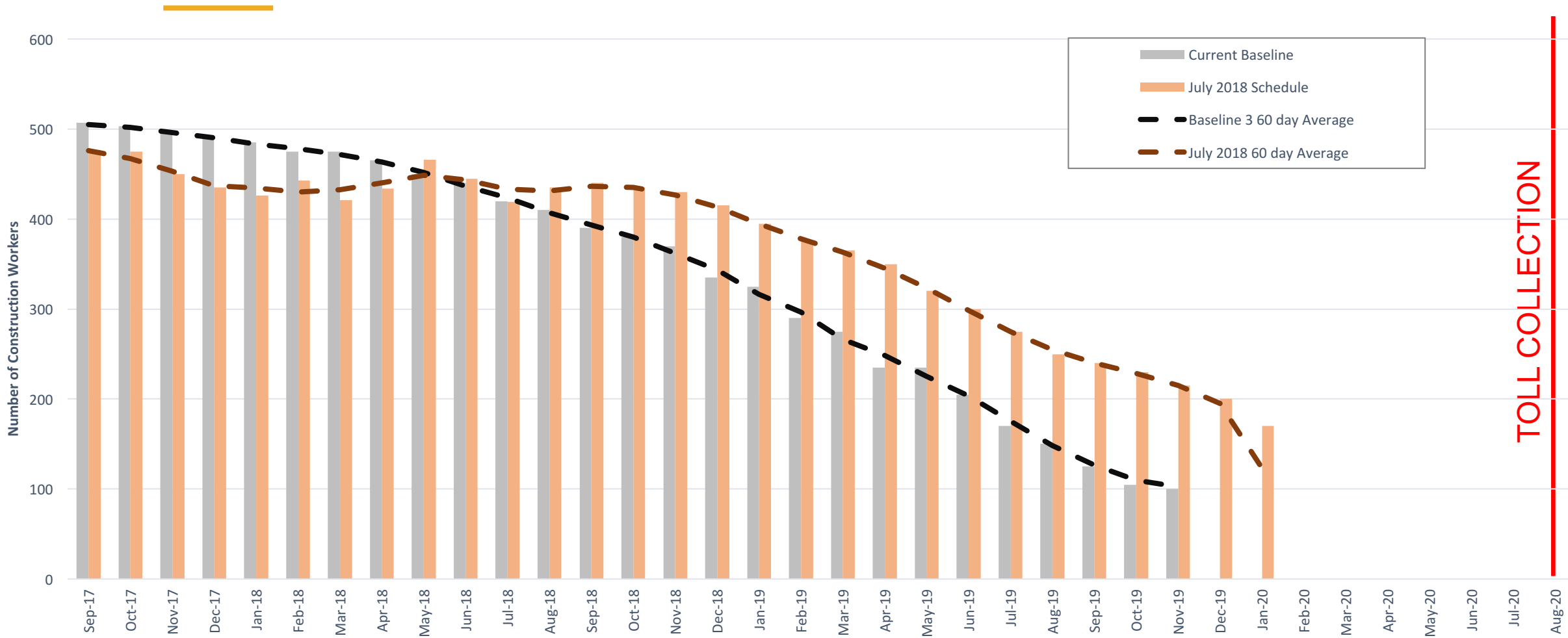


Cashflow Analysis



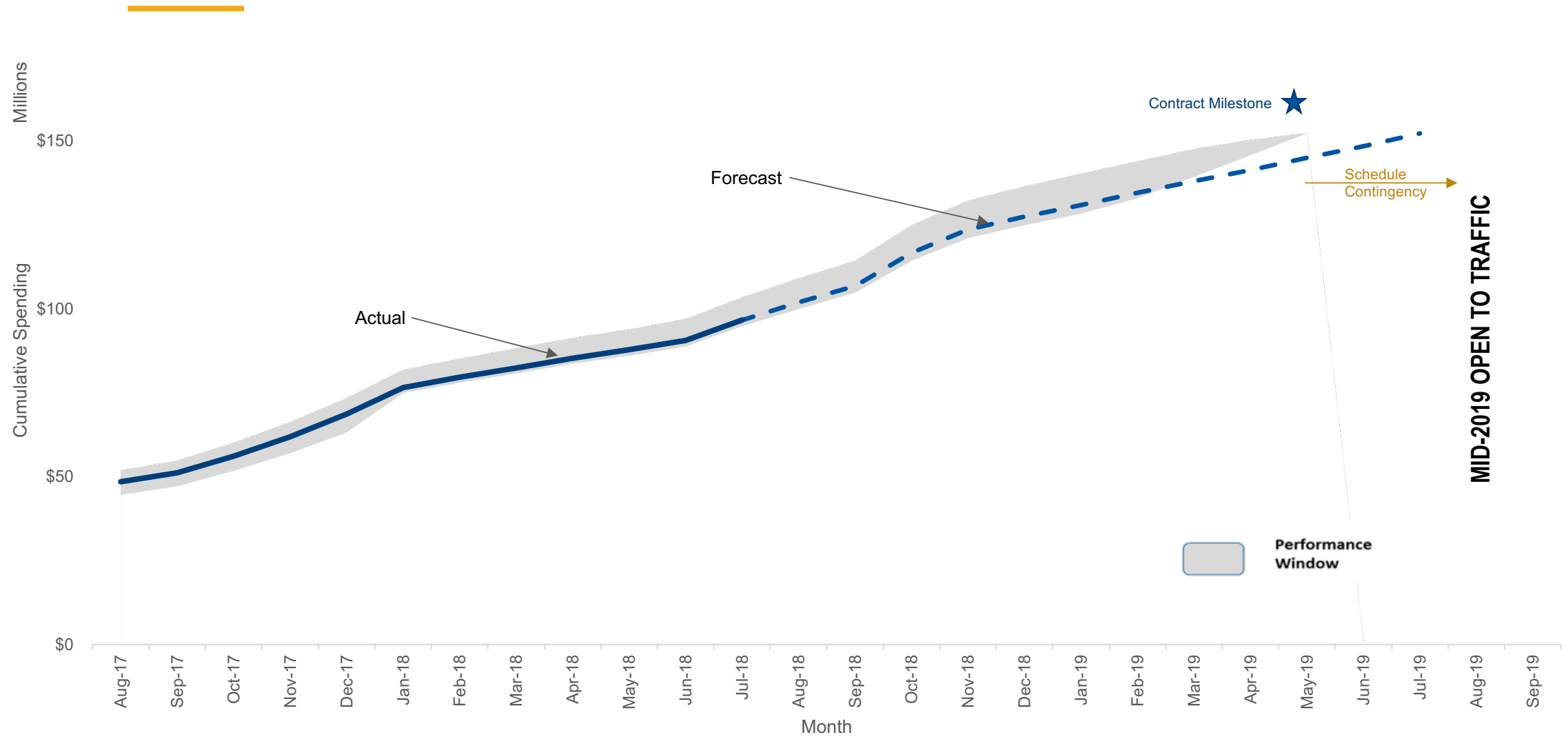
MID-2020 OPEN TO TRAFFIC

Project Manpower Curve (Current Schedule vs. Last Updated Schedule)



TOLL COLLECTION

Interim Completion – Cashflow Analysis



MID-2019 OPEN TO TRAFFIC

183 South Design/Build Project



EXECUTED CONTRACT VALUE		\$581,545,700
Total Project Contingency		\$47,860,000
Obligations	CO#1 City of Austin ILA Adjustment	(\$2,779,934)
	CO#2 Addition of Coping to Soil Nail Walls	\$742,385
	CO#4 Greenroads Implementation	\$362,280
	CO#6 51st Street Parking Trailhead	\$477,583
	CO#9 Patton Interchange Revision	\$3,488,230
	Others Less than \$300,000 (6)	\$549,576
	EXECUTED CHANGE ORDERS	\$2,840,120
	Change Orders in Negotiations	\$12,260,000
Potential Contractual Obligations	\$10,590,000	
Total Project Obligations		\$25,690,120
Remaining Project Contingency		\$22,169,880

Change Order
Status as of **8/31/18**

Construction Activities: Loyola Lane



March 2016



August 2018

Construction Activities: Loyola Lane



September 09, 2018

Construction Activities: FM 969 / MLK



March 2016



August 2018

Construction Activities: Colorado River



March 2016

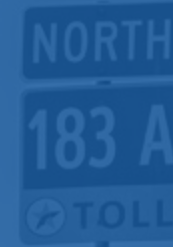


August 2018

Justin Word, P.E., Director of Engineering

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Status Report on the 183 North Managed Lanes Project



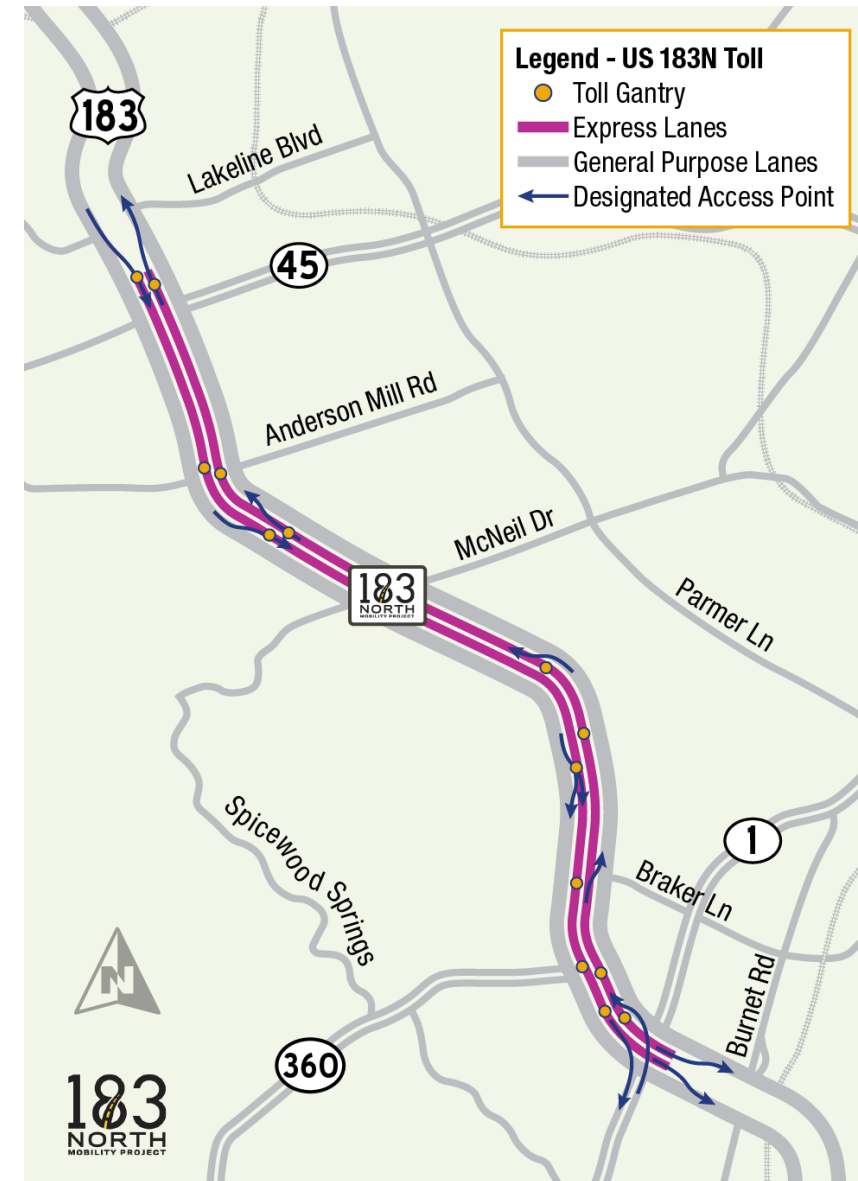


183 North Mobility Project

- Two express lanes in each direction
- Widening to four non-tolled lanes in each direction
- Bike and pedestrian facilities
- Approx. 9-miles in length, including all transitions

Project Purpose

- Facilitate congestion management in the corridor
- Provide reliable route for transit
- Facilitate reliable emergency response





Previous Actions

■ CAMPO

- Lists US 183 North corridor as one of the top congested roadways
- Prioritized a funding allocation of \$7.2 million for preliminary work (December 13, 2011)

■ Mobility Authority

- Environmental Clearance (April 26, 2016)
- Primacy (April 26, 2017)

■ TxDOT

- Extension of primacy
 - April 2019 Advertisement of Procurement
 - October 2020 Enter into Contract for Construction



Authorization to Negotiate PDA with TxDOT

- Next Steps
- Authorization for the Executive Director
 - Negotiate the balance of terms for a PDA with TxDOT

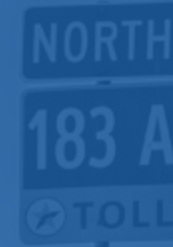
Jeff Dailey, Deputy Executive Director

14 Presentation on Transportation Innovation Initiative



Jeff Dailey, Deputy Executive Director

15 Presentation on potential Park & Ride locations for inclusion in the CAMPO 2045 Long Range Plan and Project Connect



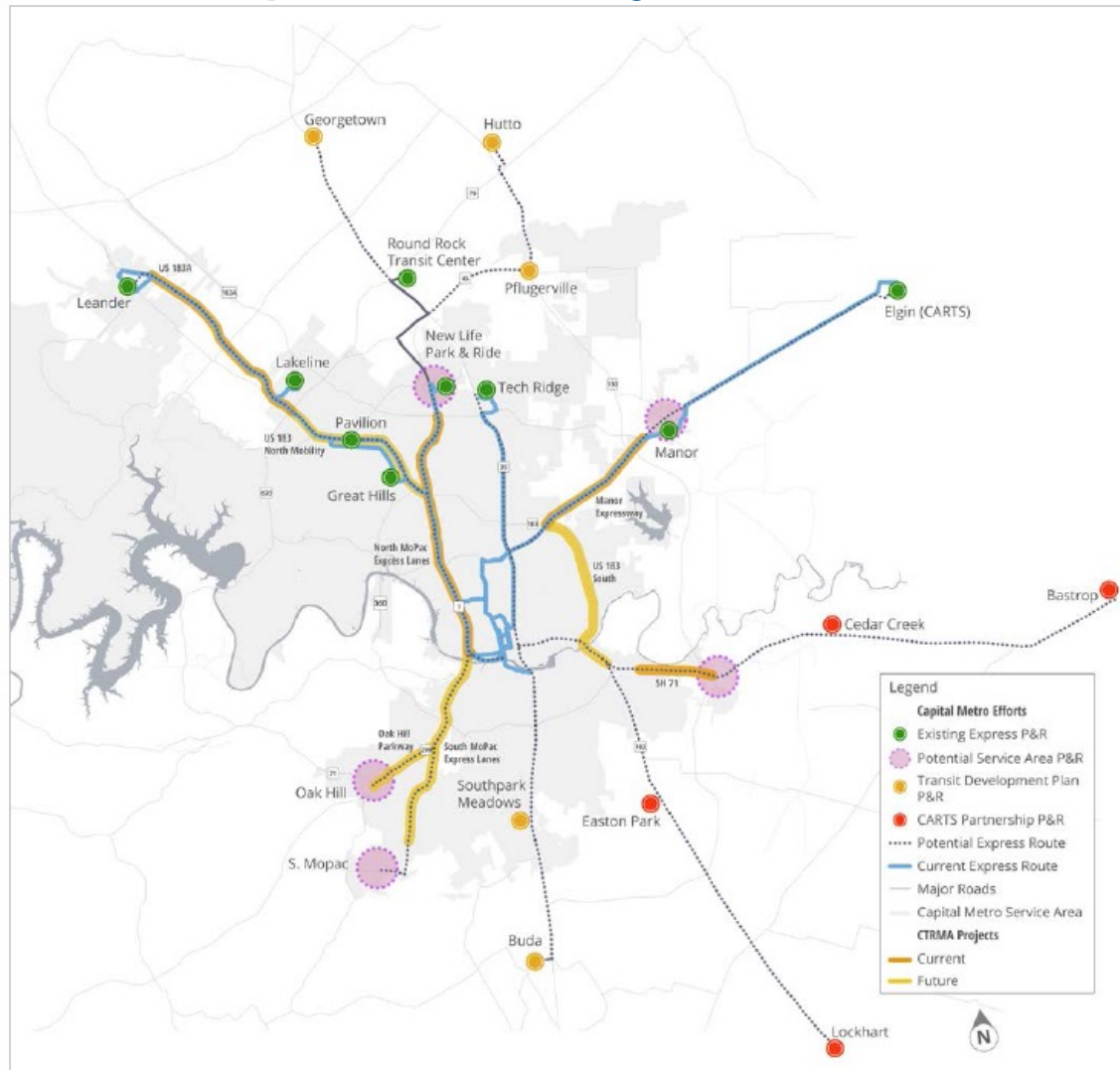


- July 27, 2016 Park & Ride Memorandum of Agreement
- Progress to-date:
 - Regional coordination
 - Feasibility evaluations
 - Shortlist of priority locations
- Next Steps:
 - Determine recommended Park & Ride priority areas
 - Capital Metro Project Connect
 - CAMPO 2045 Long Range Plan
 - Implementation Plan
 - CAMPO call for projects

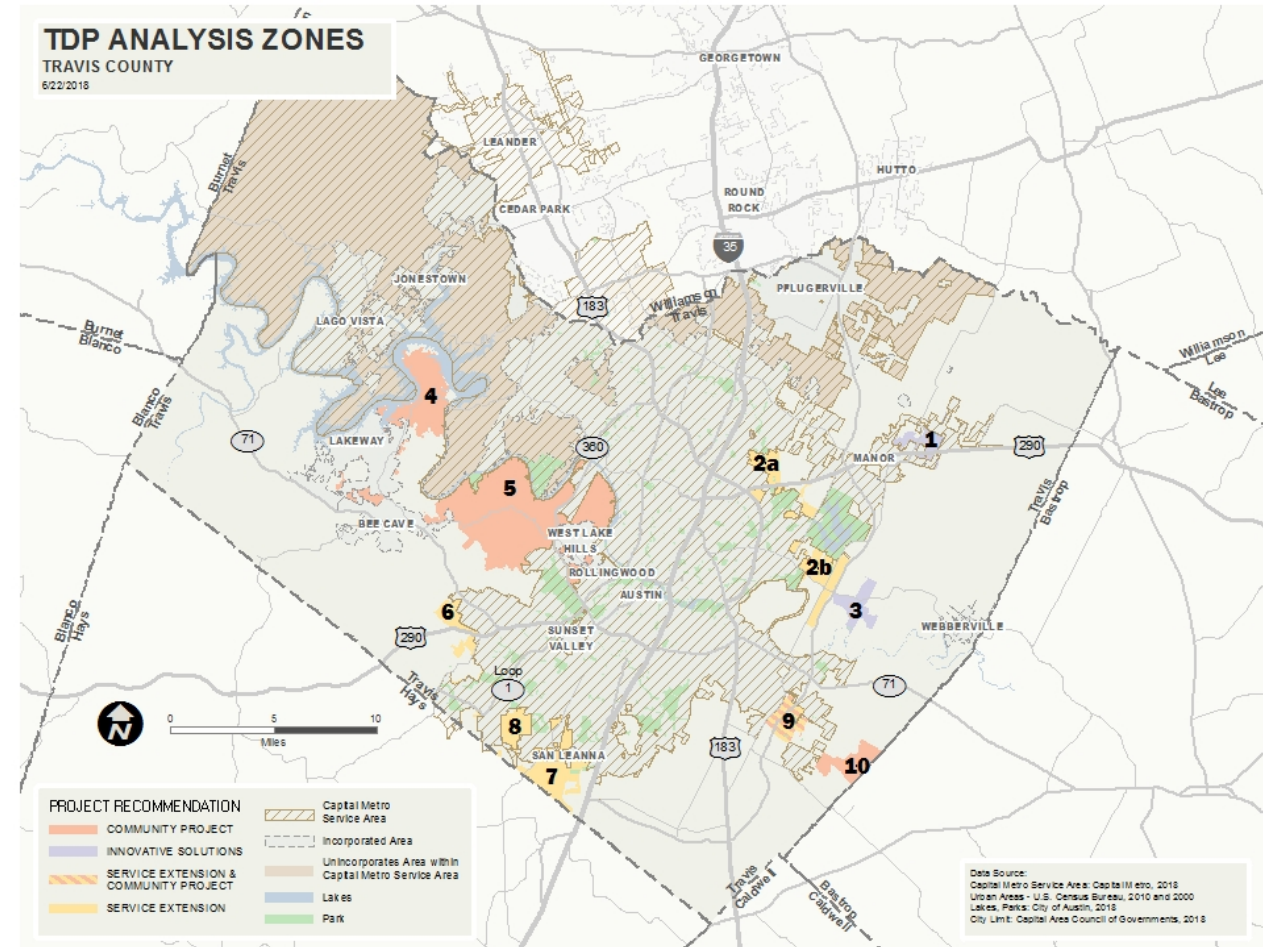
Regional Transit Plans



Capital Metro Project Connect



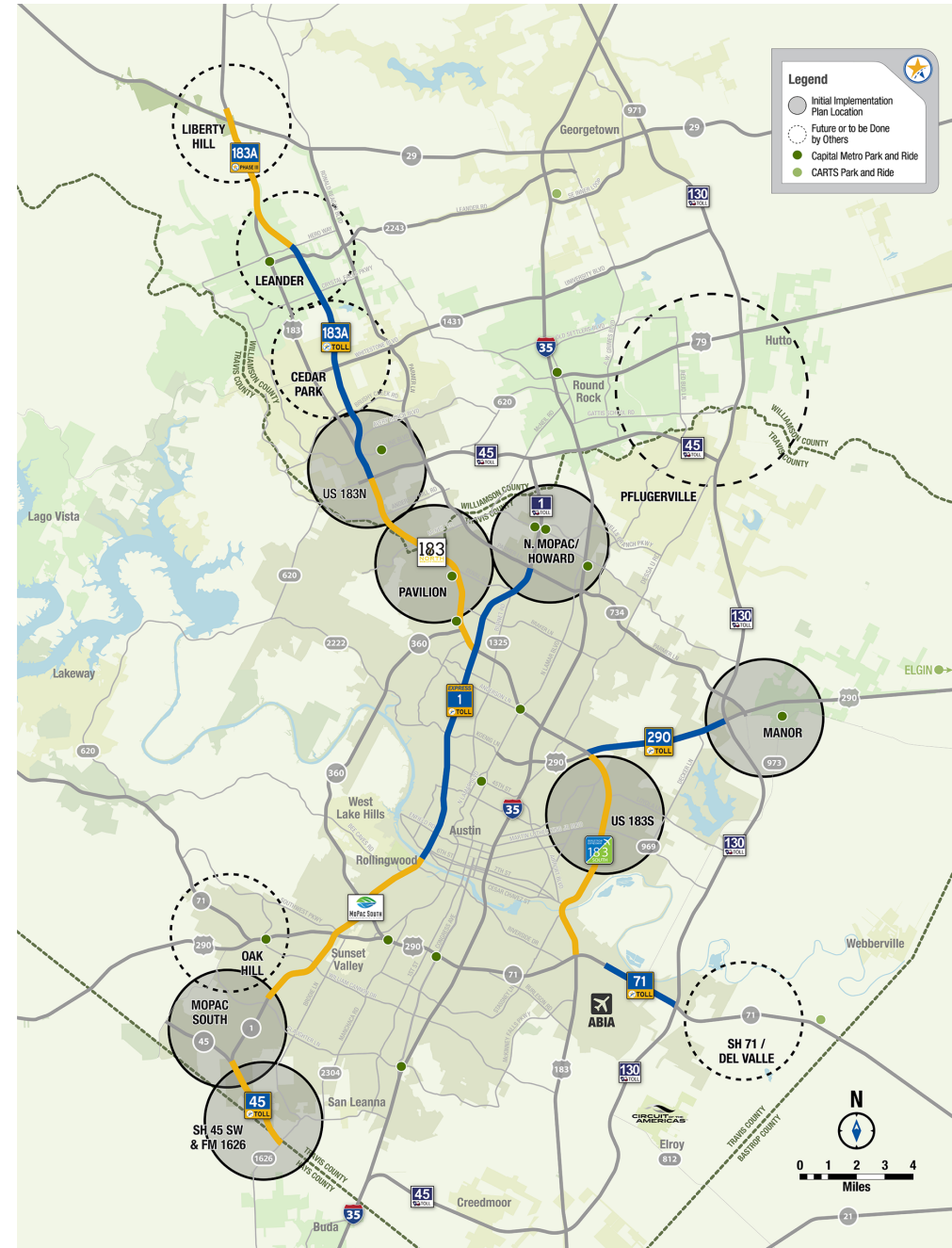
Travis County Transit Development Plan





Park & Ride Opportunities

- Existing infrastructure
 - 183A
 - 290 / Manor Expressway
 - MoPac Express Lane
 - 183 South
 - SH 45SW
- Projects in Development
 - 183 North
 - 183A Phase III
 - MoPac South





Best Practices

- Include transit components starting in planning phase
 - Park & Ride facilities
 - Convenient access for buses
 - Level of service (route and schedule)
- Potential funding partnership options
 - Delivery of planning, engineering and construction
 - ROW
 - Direct access ramps
 - Park & Ride facility capital cost

VIA Stone Oak Park & Ride & US 281 HOV



- Nearly 400 parking space garage and passenger amenities
- Future direct access ramps/flyovers to be constructed by TxDOT to US 281 HOV lanes (2021)
- \$28.3M
- \$5 one-way fare
- 30 minute frequency

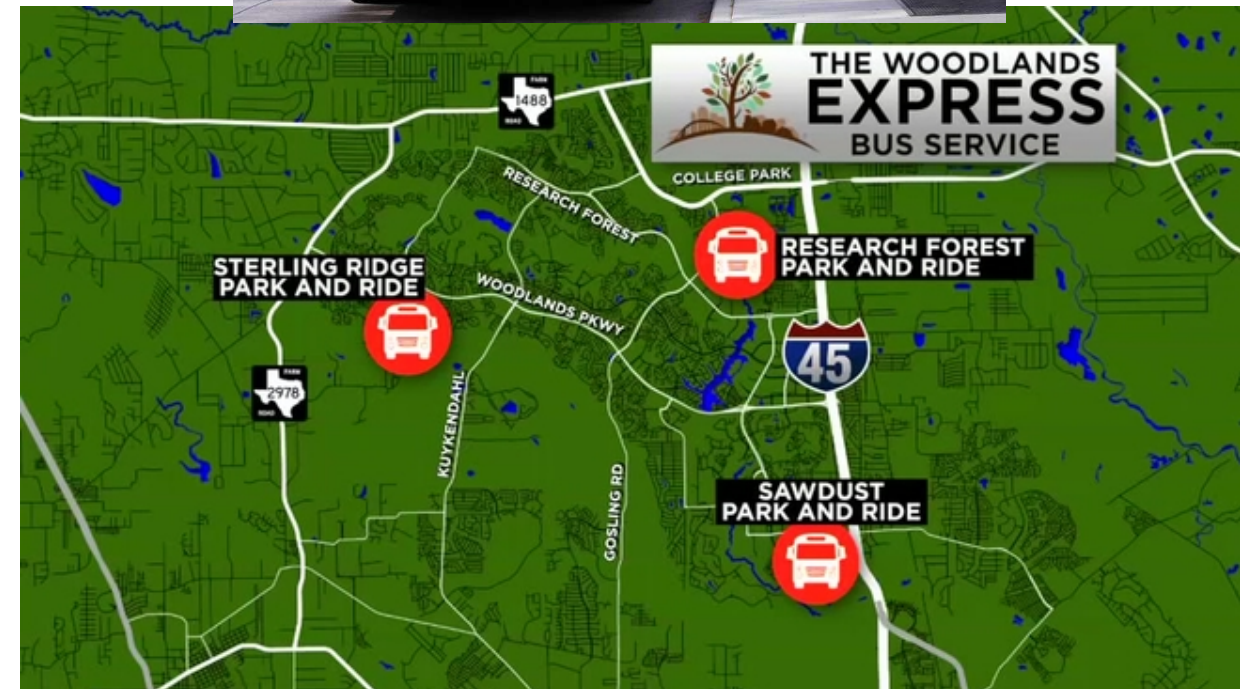


Woodlands Express Park & Ride (Houston)



- 3 Park & Rides (1,200 spaces each)
- 3 Destination Areas
- Fare: \$13 round trip
- 2,400+ daily riders
- Frequent bus service:
 - 5 to 10 minute frequency
 - 40+ trips per day

**A Comfortable, Convenient,
and Economical Commute**





■ Dolphin Park & Ride Terminal Facility

- Nearly 900 spaces
- \$17M construction cost
- Funding partnership
 - Miami-Dade Transit – Express bus service and O&M
 - MDX – ROW; delivery of planning, ENV clearance and design
 - FDOT – 50% construction cost + development costs
 - Miami-Dade County – 50% construction cost





- Flatiron Flyer Bus Rapid Transit Service
 - 18 mile service between Boulder and Denver
 - 6 integrated Park & Rides
 - Range from 260 to 1300 spaces
 - Bus-only ramps to the express lanes
 - \$4.50 one-way fare
 - Buses every 4 to 15 minutes
 - 14,000+ daily riders



Atlanta I-85 Express Lanes & Express Bus



- 2 new Park & Ride lots plus 2 lease locations
 - Nearly 2,500 total spaces
- \$3 to \$4 one-way fare
- 20 to 30 minute frequency/ route
- 3,200+ daily boardings (8 routes)
- Park & Rides at 70%+ utilization

- “Ride Transit – Earn Toll Credits” Program
 - \$2 toll credit per transit use
 - Up to \$10 in credits/ month

Only 2% of the vehicles in the I-85 Express Lanes are Express Commuter Coaches, but they are responsible for over 26% of the people throughput.

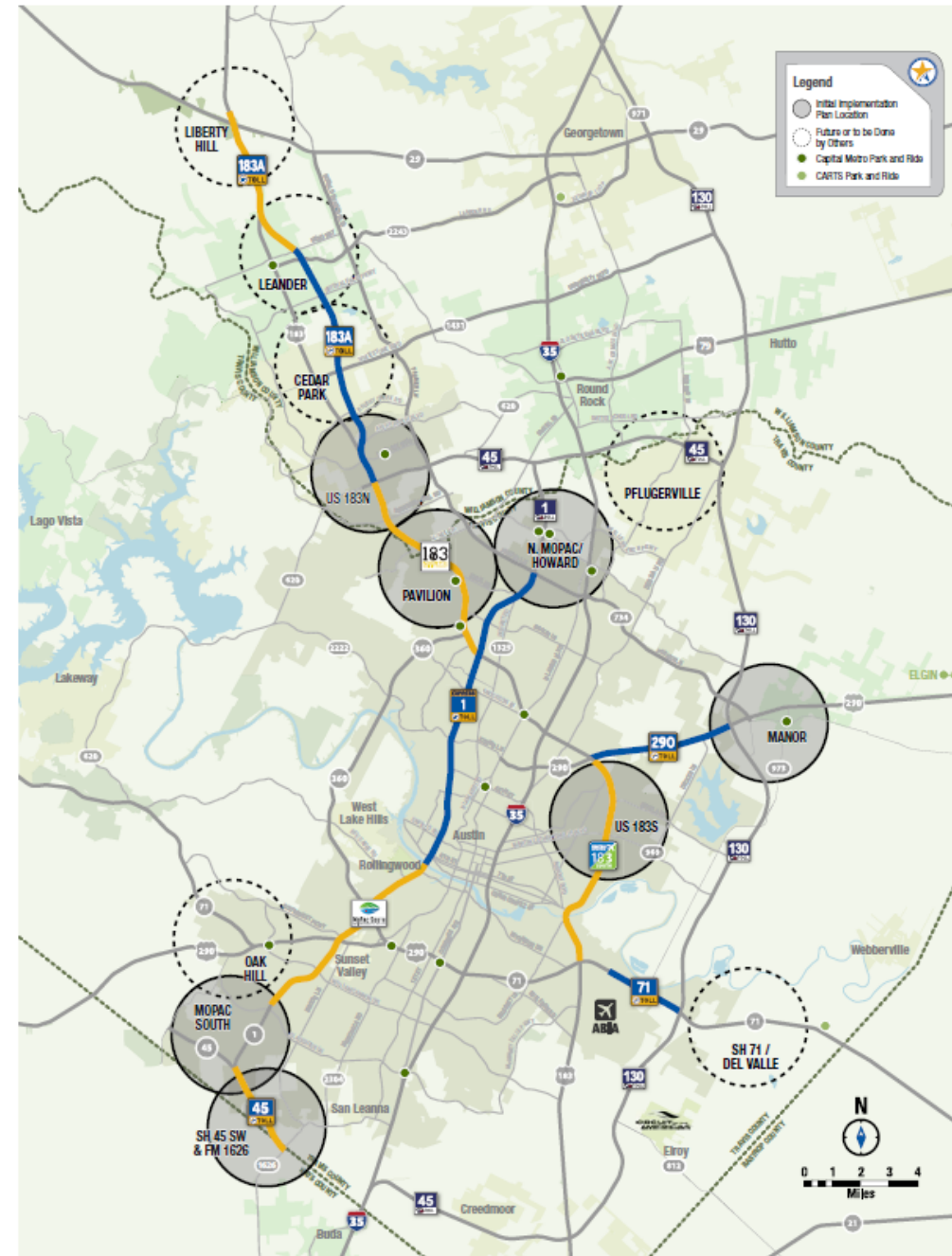


Affordable & Reliable
Safe & Convenient
Clean & Comfortable



Park & Ride Opportunities

- Existing infrastructure
 - 183A
 - 290 / Manor Expressway
 - MoPac Express Lane
 - 183 South
 - SH 45SW
- Projects in Development
 - 183 North
 - 183A Phase III
 - MoPac South



Next Steps



- Determine recommended Park & Ride priority areas
- Capital Metro Project Connect adoption
- CAMPO 2045 Plan, including Regional Transit Study
- Develop Implementation Plan

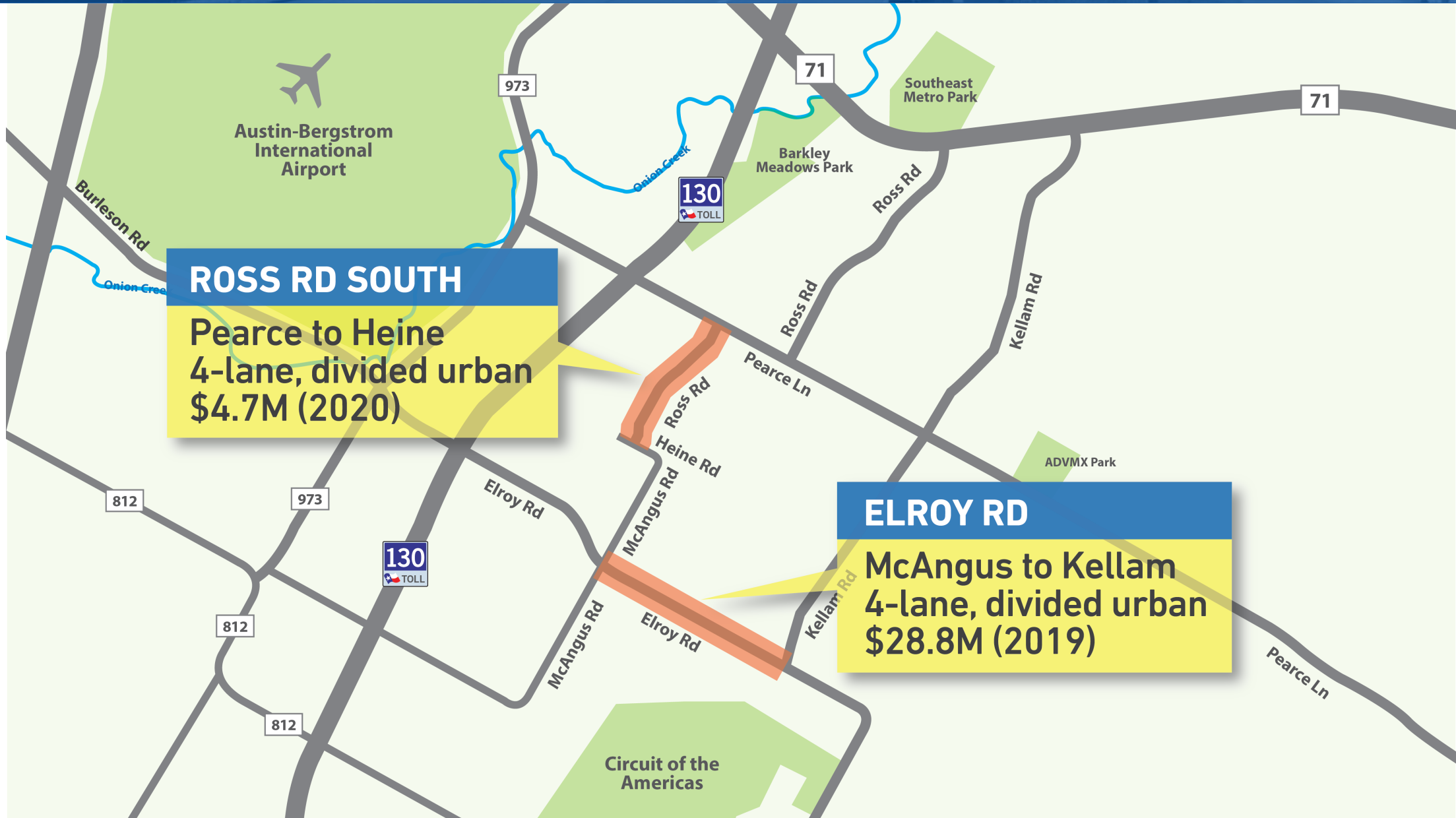
16

**Executive Director Board Report
A. Texas Senate Committee on
Transportation Hearing – August
27, 2018**



16 Executive Director Board Report
B. Update on Travis County Projects

Travis County Program



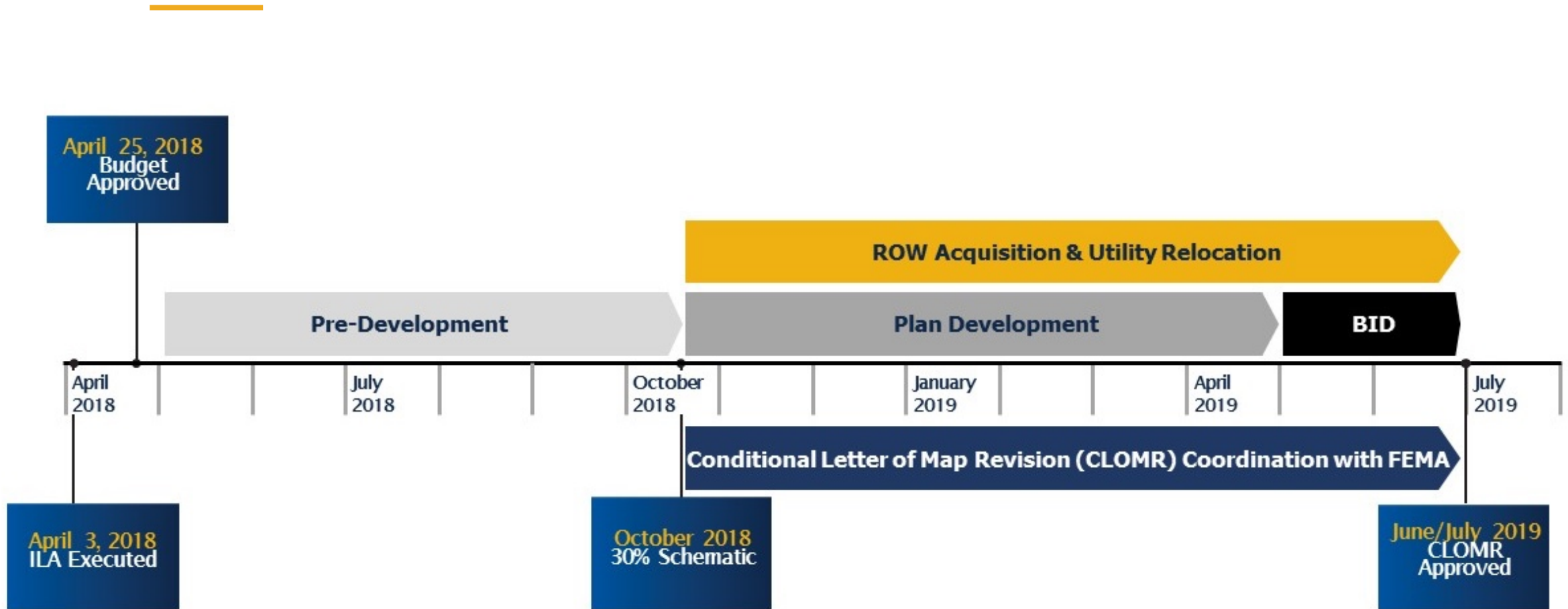
ROSS RD SOUTH

Pearce to Heine
4-lane, divided urban
\$4.7M (2020)

ELROY RD

McAngus to Kellam
4-lane, divided urban
\$28.8M (2019)

Elroy Road Timeline to Construction



The background of the slide is a photograph of a road, likely a toll road, with a sign that reads "NORTH 183 A TOLL". The image is overlaid with a blue gradient and a white grid pattern.

16

Executive Director Board Report

C. 2018 Greater Austin Business Awards – Environmental Champion Award





> **Executive Session**
Agenda Items 17-21



➤ **Reconvene in Open Session**

The background image shows a perspective view of a multi-lane road stretching into the distance. On the right side of the road, there is a concrete barrier with rounded posts. Further right, a grassy shoulder leads to a sidewalk and utility poles. A large signpost on the right side of the road features three stacked signs: 'NORTH', '183 A', and a circular arrow icon with the word 'TOLL' below it. The sky is blue with scattered white clouds. The entire image is overlaid with a semi-transparent blue filter.

> **Regular Items**
Agenda Items 22-24

22

Determine that certain real property is not necessary or useful and authorize negotiation and execution of a contract to sell the following described surplus real property interest or parcel:

A. Parcel 51R of the Manor Expressway (290E) Phase I Project, a 0.156-acre tract of land owned by the Central Texas Regional Mobility Authority and located at 9745 U.S. Highway 290 East, Austin, Travis County, Texas

23

Consideration of the use of eminent domain to condemn property:

Declare a public necessity to acquire the following described parcels of land, or interests therein, for the 183 South (Bergstrom Expressway) Project; and with respect to each such parcel or interest therein, authorize any of the following actions: (i) acquisition through negotiation or by the use of eminent domain to condemn the parcel or interest therein; (ii) execution of a contract to purchase, and (iii) execution of a possession and use agreement:

A. Parcel **E36E/F** of the 183 South (Bergstrom Expressway) Project, an easement taking of 0.197 acres, from approximately 4.392 acres of real estate, owned by 8200 N. I-35 LLC, a Texas limited liability company, and located at 912 Highway 183 South, Austin, Travis County, Texas.

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

24 Adjourn meeting



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Thank You

www.MobilityAuthority.com





CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY
