



CENTRAL TEXAS
Regional Mobility Authority

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

Agenda Item #1

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Opportunity for Public Comment

Agenda Item #2

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Audit Committee Meeting

Bill Chapman, Chief Financial Officer

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Consent Agenda

Agenda Items #3-4

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Regular Items

Agenda Items #5-9

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Approve the minutes for the March 30, 2016, Regular Board Meeting.

Agenda Item #5

Geoff Petrov

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Accept the financial statements for March 2016.

Agenda Item #6

Mary Temple

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Authorize the issuance, sale and delivery of Central Texas Regional Mobility Authority Senior Lien Revenue Refunding Bonds, Series 2016, in accordance with specified parameters.

Agenda Item #7

Bill Chapman, Chief Financial Officer

May 3, 2016



**CENTRAL TEXAS
Regional Mobility Authority**

Authorize procurement of services to repair discolorations on concrete bridges, sign structures and toll gantry columns on the 290 East corridor.

Agenda Item #8

Justin Word, P.E., Director of Engineering

May 3, 2016



**CENTRAL TEXAS
Regional Mobility Authority**

Adopt a Variable Toll Rate Policy for the MoPac Express Lanes.

Agenda Item #9

Tim Reilly, Director of Toll Operations

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

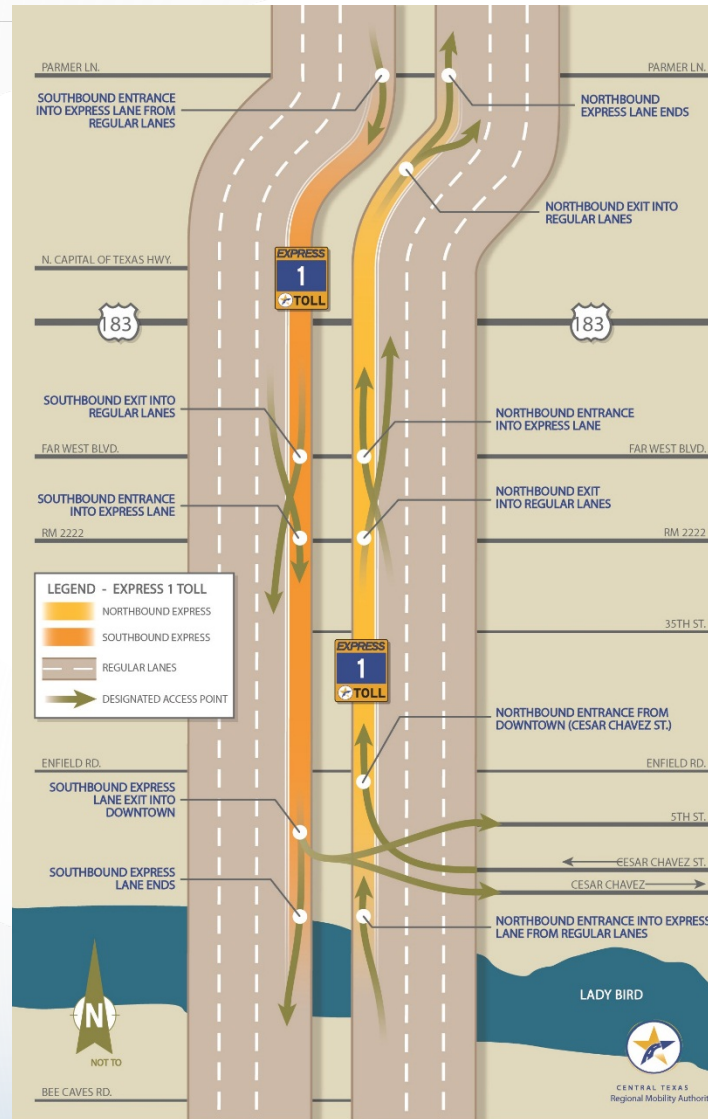


The purpose of the MoPac Improvement Project is to:

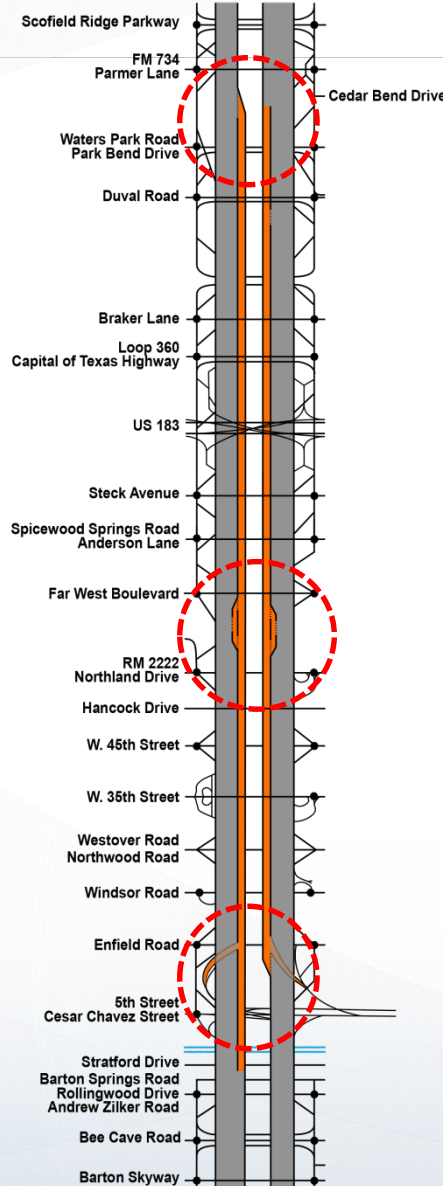
- **Provide a reliable route for transit that will reduce travel times**
- **Facilitate reliable emergency response**
- **Improve mobility and maximize use of the facility without reducing reliability**

Variable Tolling will be used to achieve the project's purpose.

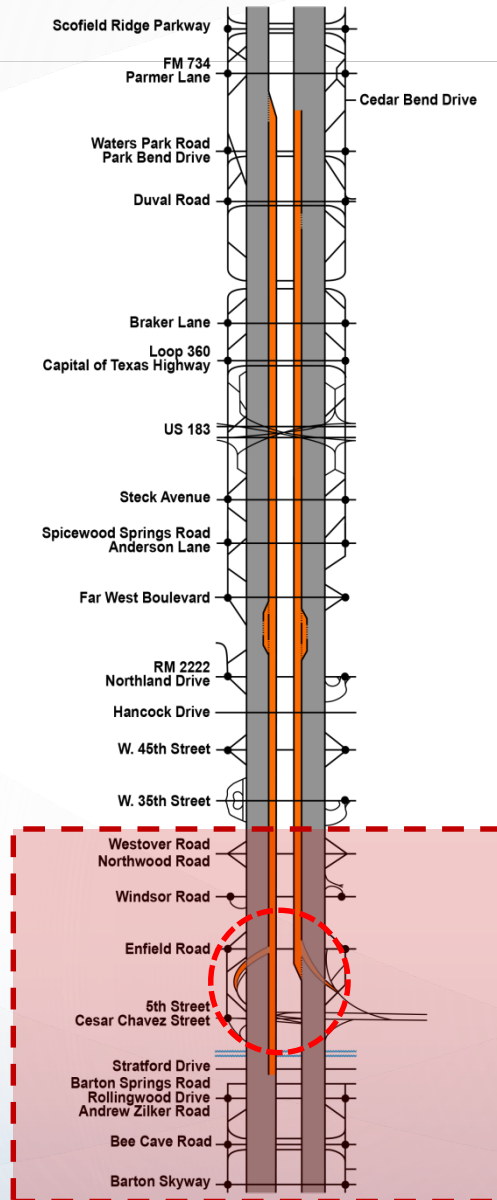
MoPac Express Lane Corridor



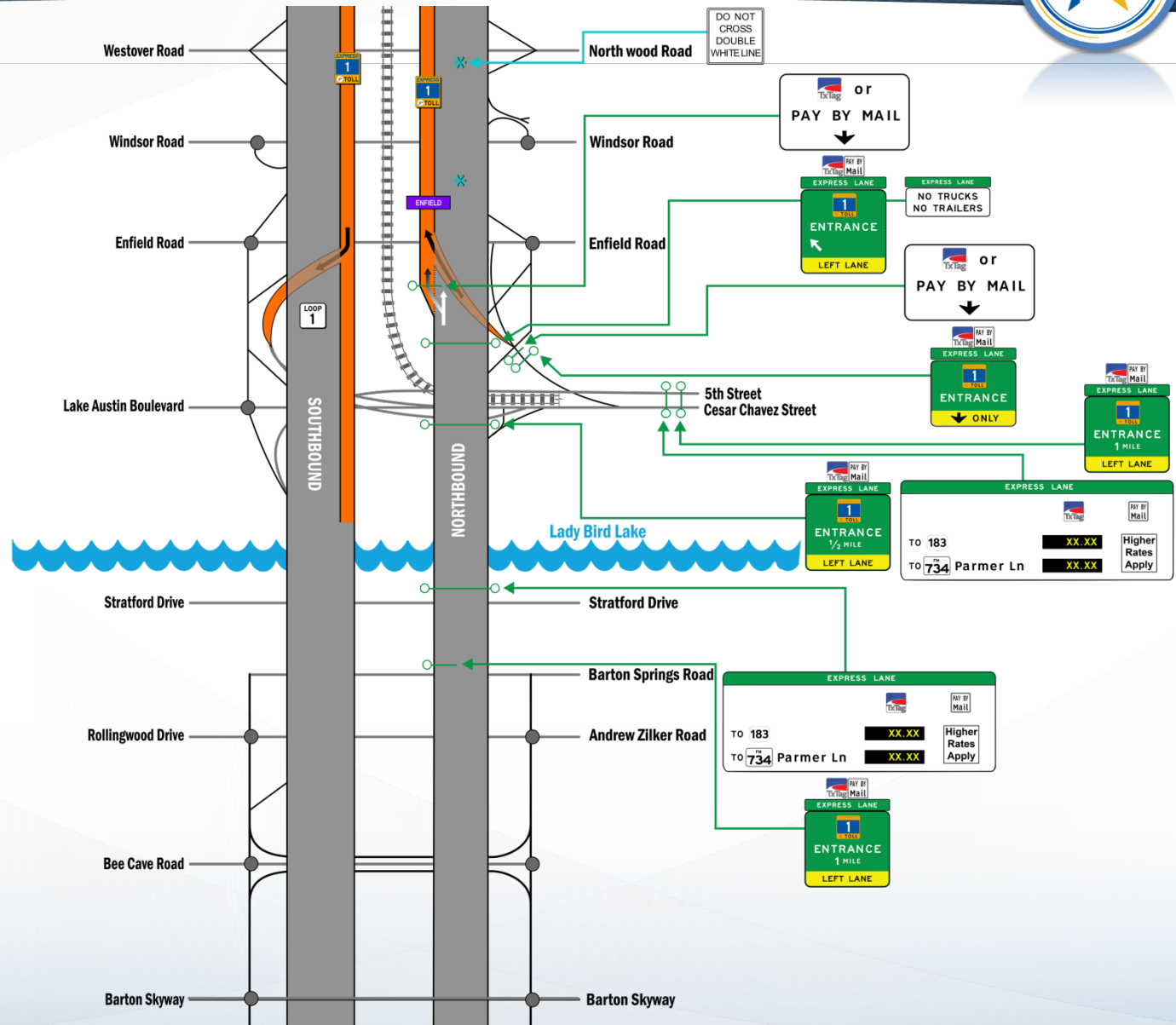
MoPac Express Lane Corridor



MoPac Express Lane Corridor



Key Signage (Entrance Signs at Southend)



 or

PAY BY MAIL

EXPRESS LANE
NO TRUCKS
NO TRAILERS

 or

PAY BY MAIL

EXPRESS LANE
1
ENTRANCE
LEFT LANE

EXPRESS LANE
1
ENTRANCE
ONLY

EXPRESS LANE
1
ENTRANCE
LEFT LANE
1/2 MILE

EXPRESS LANE
1
ENTRANCE
LEFT LANE
1 MILE

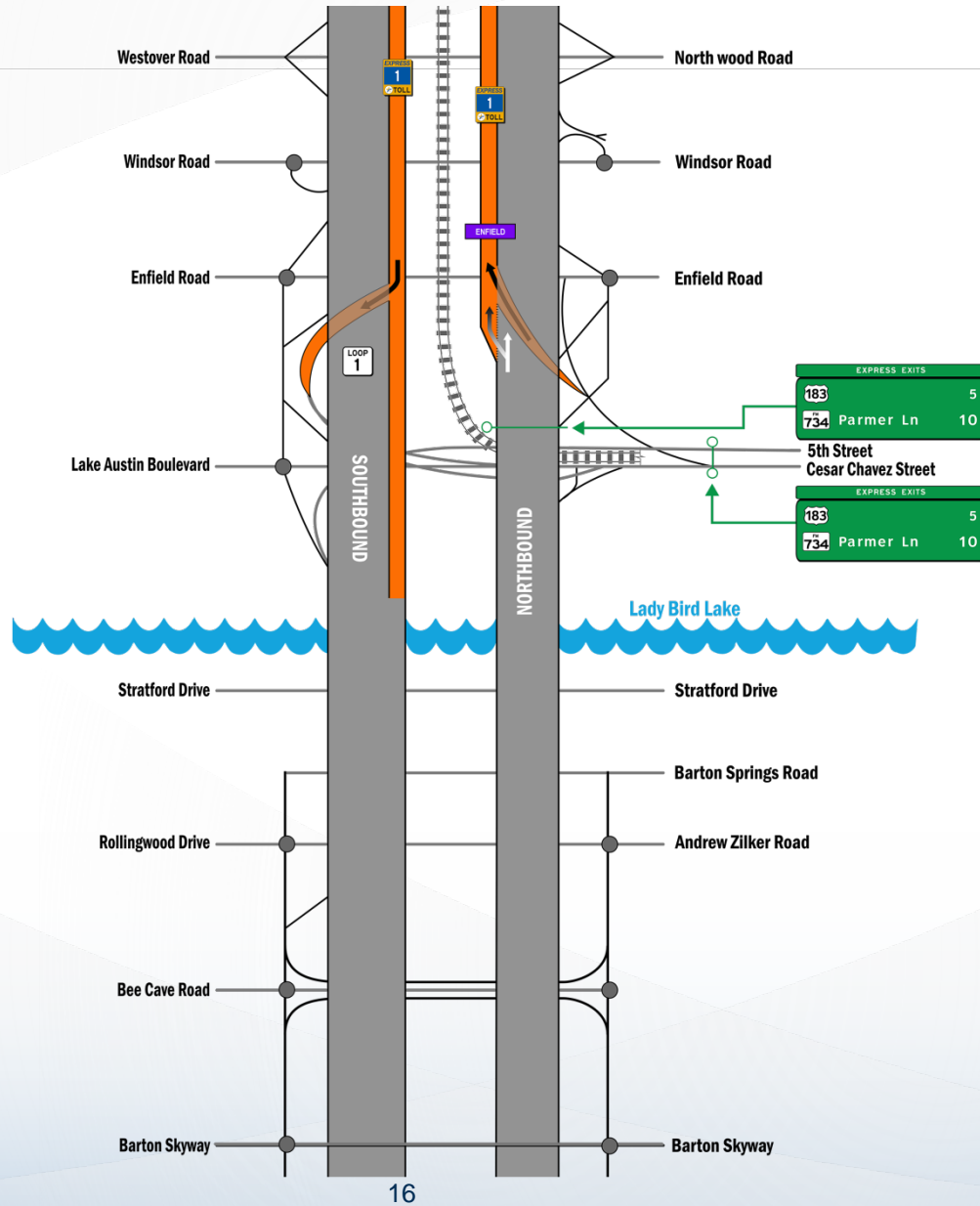
EXPRESS LANE
TO 183
TO ~~734~~ 734 Parmer Ln
Higher Rates Apply

EXPRESS LANE
TO 183
TO ~~734~~ 734 Parmer Ln
Higher Rates Apply

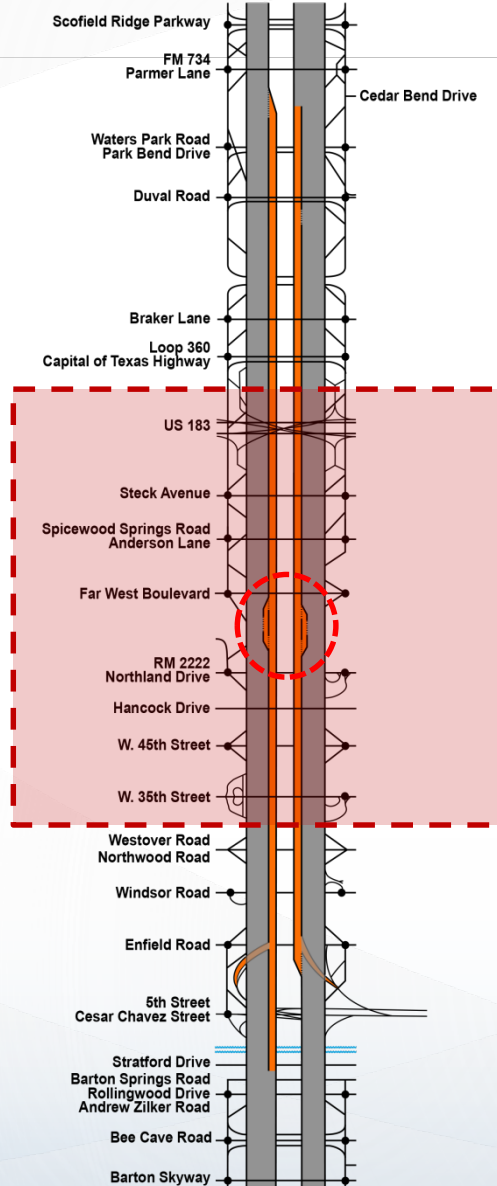
EXPRESS LANE
1
ENTRANCE
LEFT LANE
1 MILE



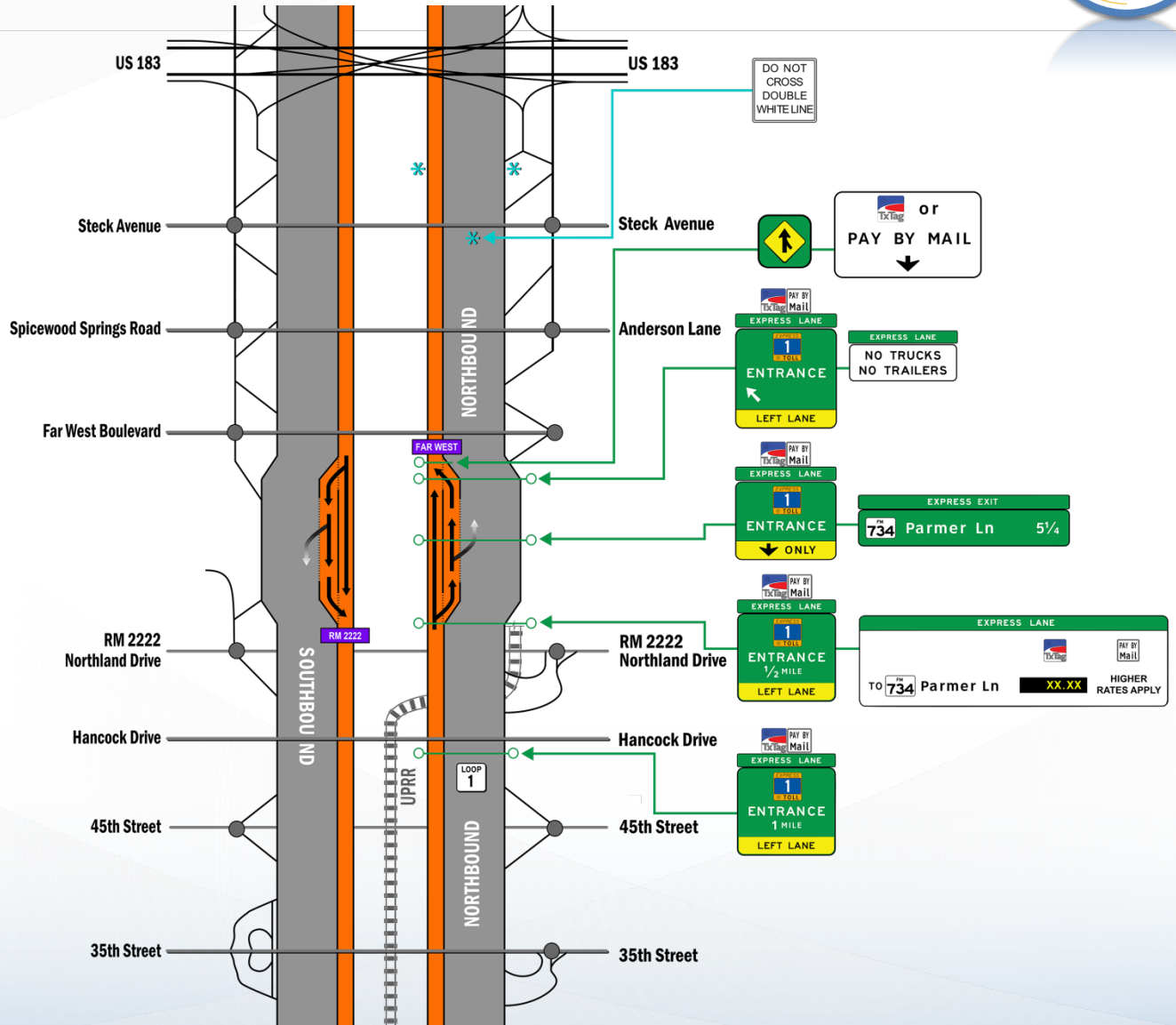
Key Signage (Entrance Signs at Southend)



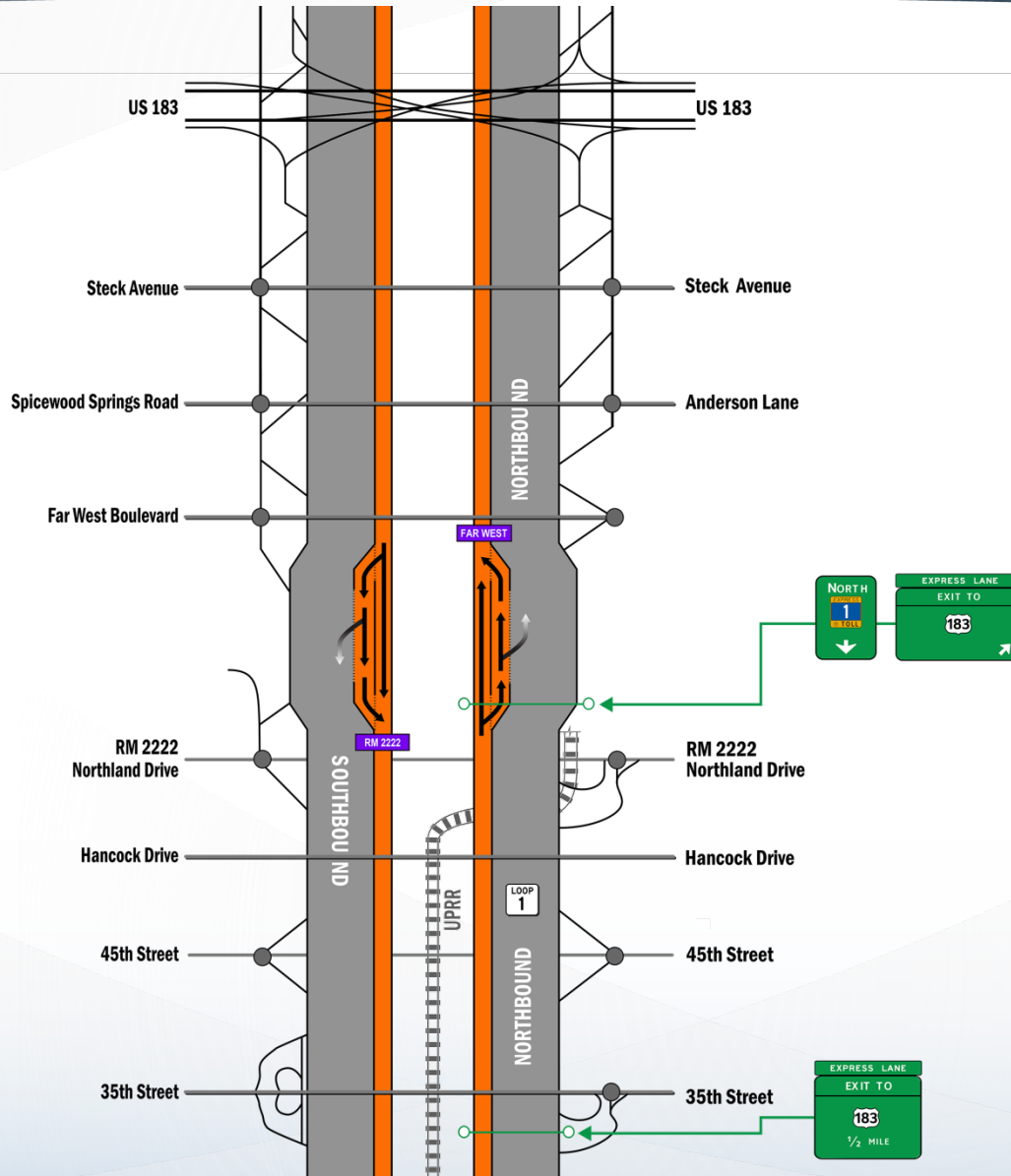
MoPac Express Lane Corridor



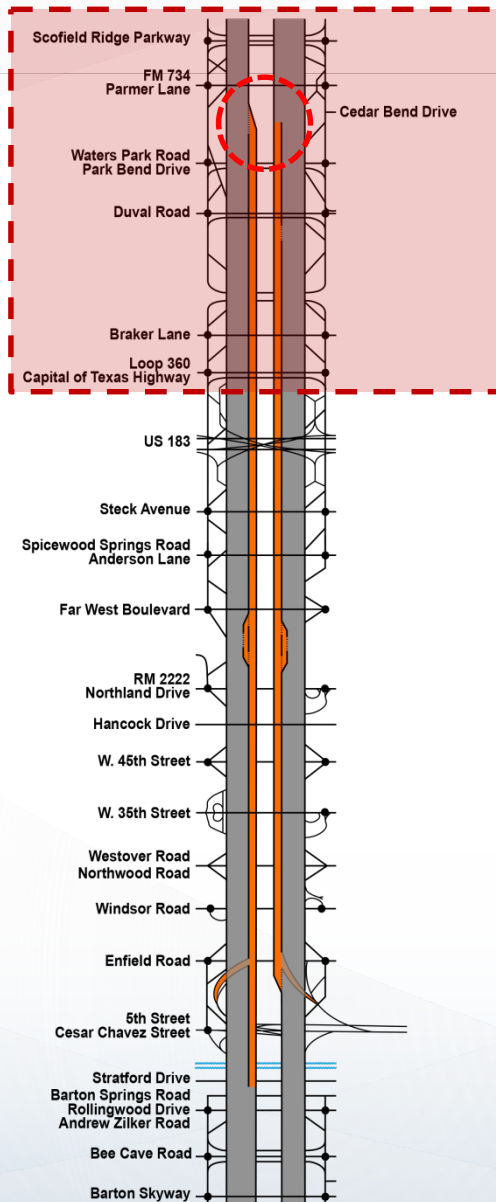
Key Signage (Entrance Signs at NB Midpoint)



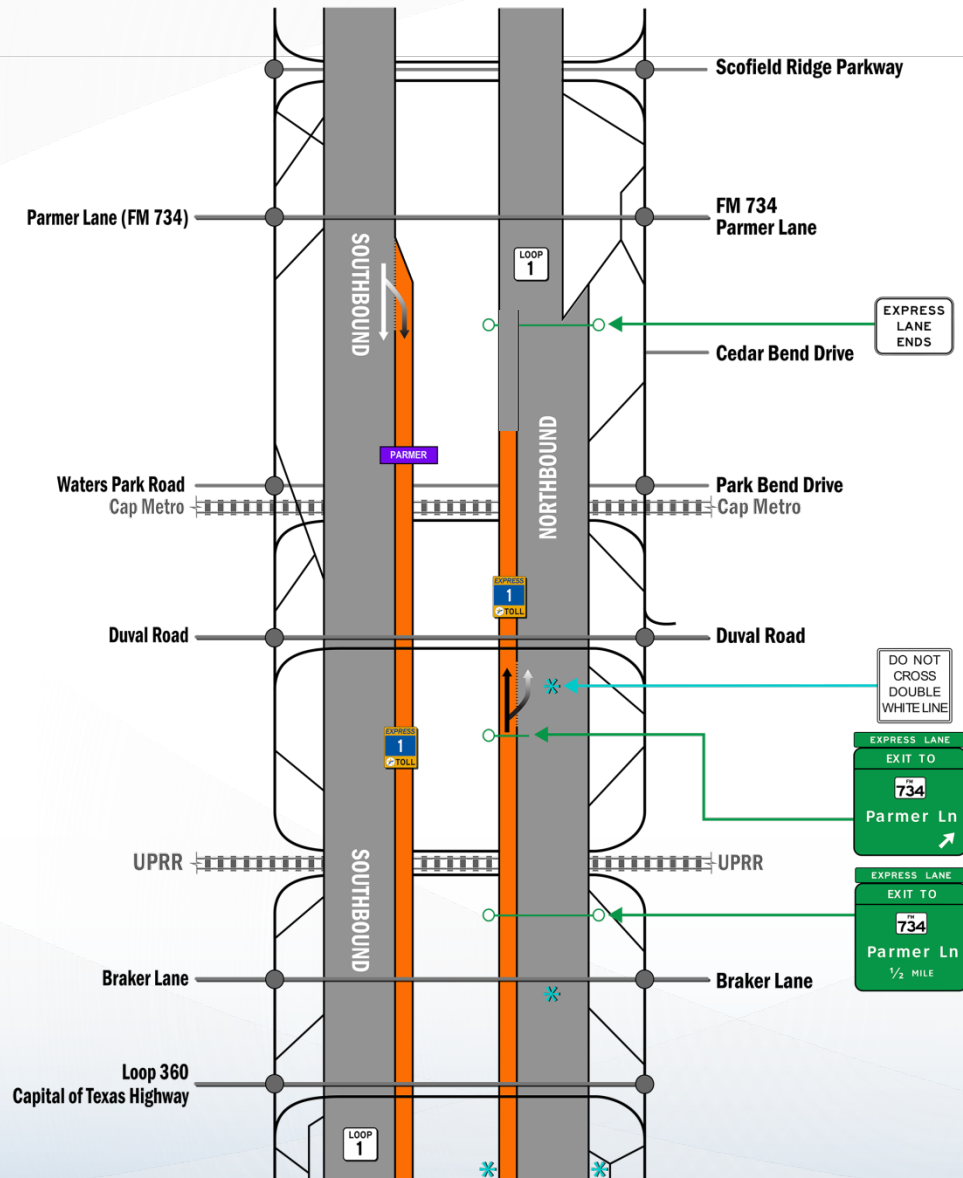
Key Signage (Exit Signs at NB Midpoint)



MoPac Express Lane Corridor



Key Signage (Exit Signs at NB Northend)



Supplemental Pavement Markings



Variable Tolling



- Use of variable tolling ensures the Express Lanes remain free flowing by managing the number of vehicles that enter the lanes at any given time.
- Changeable electronic signs display the toll rates in real time, so drivers know the price before deciding whether to enter the Express Lane.



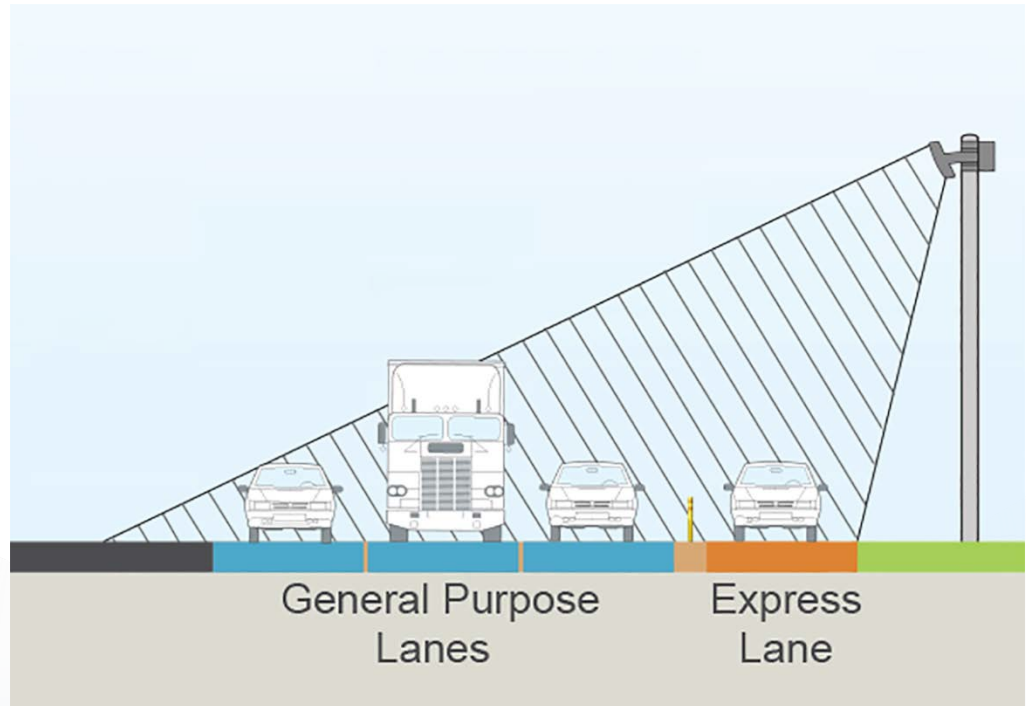


- If the driver elects to enter the Express Lane, the price the driver sees is the price that will be charged.

The image shows a variable tolling sign for an Express Lane. The sign has a green header with the text "EXPRESS LANE". Below the header, there are two rows of toll information. The first row shows a "TO" sign with the route marker for 183, a "Tolling" icon, a "PAY BY Mail" sign, and a "Higher Rates Apply" sign. The second row shows a "TO" sign with the route marker for 734, the text "Parmer Ln", a "Tolling" icon, and a "Higher Rates Apply" sign. The toll amounts for both rows are displayed as "XX.XX" on black backgrounds.

Direction	Route	Location	Tolling Icon	Payment Method	Rate
TO	183			PAY BY Mail	XX.XX
TO	734	Parmer Ln		Higher Rates Apply	XX.XX

Vehicle Detection Sensors



Traffic Management Center (TMC)



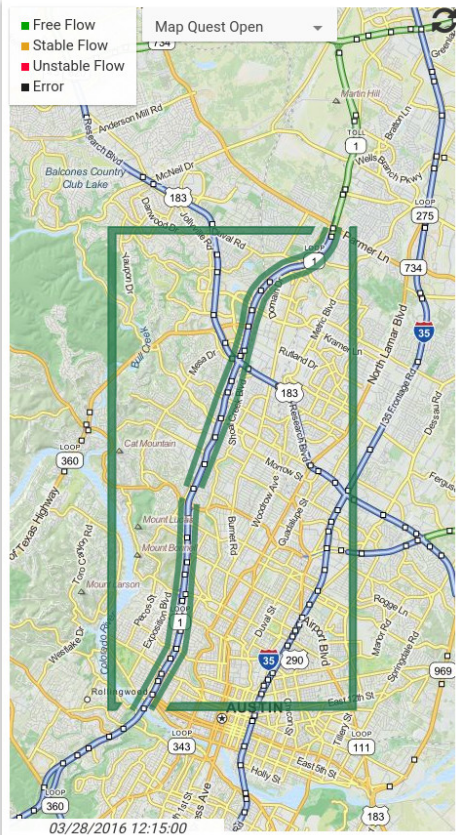
TMC Operations Dashboard



Menu

Server: ■ 64.6°F 12:15:25 ADMIN

OPERATIONAL DASHBOARD RATE DASHBOARD USAGE DASHBOARD



Show Volume Gauges

Show Open Tickets 21



LP1X SB: Parmer to 2222 information

Last Refreshed: 12:14:57

Overall Status: Free Flow

Volume, Speed, & Occupancy Over Last 4 Hours





MOBILITY AUTHORITY POLICY CODE

301.0211 Vehicles Prohibited in an Express Lane

- (a) No person shall operate a vehicle with more than two axles on an authority facility designated as a tolled express lane that has variable rate tolls.
- (b) No person shall operate a vehicle that is towing a trailer on an authority facility designated as a tolled express lane that has variable rate tolls.
- (c) This section does not apply to any vehicle that is exempt from paying a toll to use an authority toll facility under state law and Section 301.044.

MoPac Express Lanes Toll Rate (proposed Policy Code)



The toll charged for use of the MoPac Express Lanes shall be variable in nature. The minimum toll rate will be \$0.25 per Express Lane segment, in 2016 dollars. The minimum toll rate per segment will be adjusted annually in accordance with the methodology for toll rate escalation provided in Section 301.003. There shall be no maximum toll rate.

To maximize throughput and maintain free flowing conditions, the toll rate for each MoPac Express Lane segment shall change on a real-time basis based on traffic volumes.

When traffic volumes increase, the minimum toll rate shall be increased as much as necessary to prevent the MoPac Express Lane(s) from becoming congested. When traffic volumes decrease, the toll rate shall be reduced to encourage use of the MoPac Express Lane(s). The primary goal of the variable toll rate is to minimize congestion on the MoPac Express Lanes and to encourage more people to ride public transit or join a registered vanpool.

Changeable message signs shall be located prior to the entrance of each MoPac Express Lane segment to notify customers of the current toll rate. A customer shall never pay more than the toll rate information shown on the sign located near the vehicle's entry point, but may be charged less. The Mobility Authority may reduce tolls if it determines that operational issues warrant such an adjustment.



Questions?

Briefings and Reports

Agenda Items #10-12

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Quarterly update on transportation projects. Projects under construction. MoPac North.

Agenda Item #10-A-1

Steve Pustelnyk, Director of Community Relations

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Construction Progress



Underpass NB Express Lane



Underpass SB Express Lane



Underpass SB Express Lane



NB Westover Bridge



Shared Use Path



Pedestrian Bridge



Sound Wall 20



Roadway Widening



Roadway Widening



Friction Course Paving



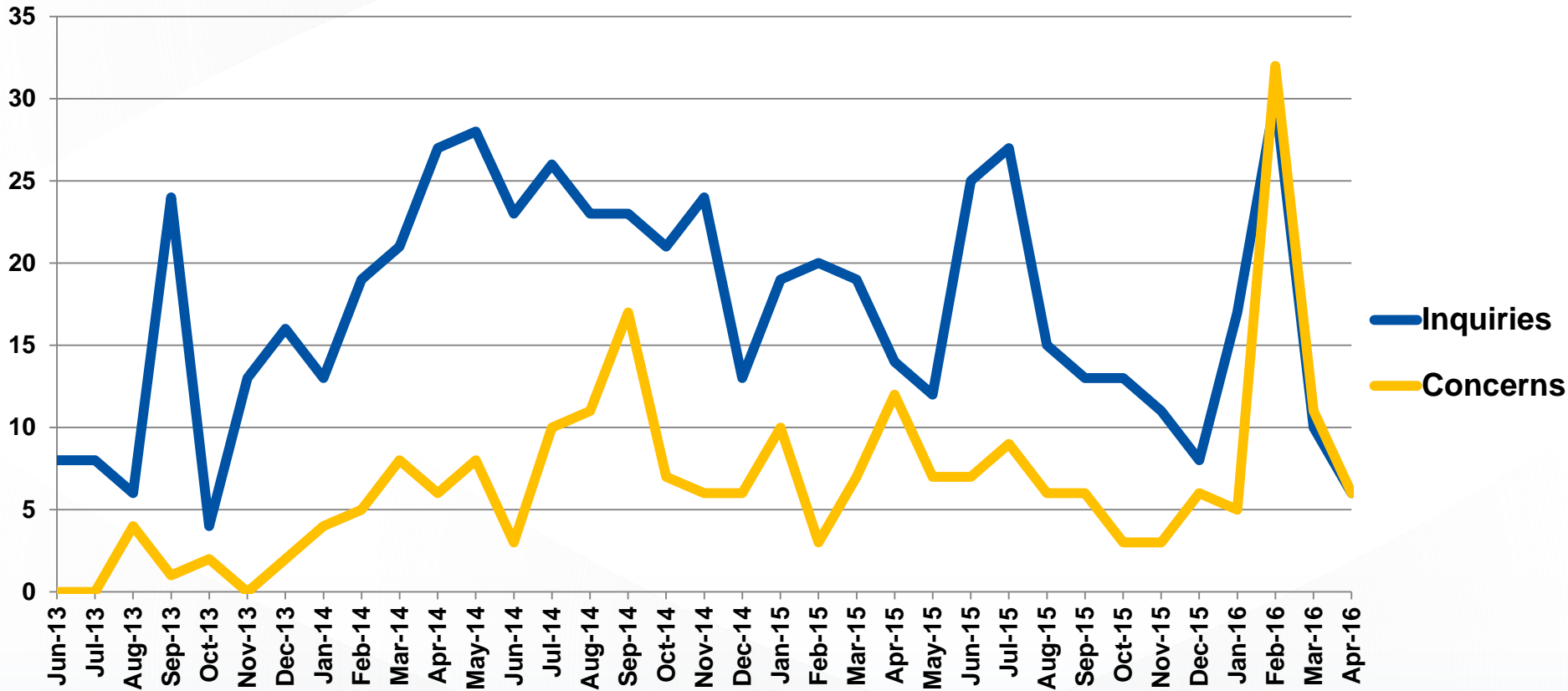
LED Lighting



Primary Interest Issue



Sound Wall Schedule



Informational Campaign Objectives:



- **Inform Austin about the opening of the Northbound MoPac Express Lane**
- **Create a big presence in the marketplace—one that informs and entertains our target market**
- **Drive engagement and knowledge about the lane, variable tolling and entrances and exits**
- **Drive home that this lane is for occasional use for those “can’t miss” events**



All messaging will drive to website to inform drivers about the lanes and how to use them:

- 6 week cable buy geo-targeted in North Austin
 - Fox News, CNN, ESPN, USA, Bravo, HGTV
- 49 Bus Posters through CapMetro
- 4 Full page Statesman ads (every Sunday)
- Digital banners reaching to 2MM
- Traffic-sponsored radio spots



Website Landing Page



INTRODUCING
THE MOPAC EXPRESS LANE



Open June 2016
Northbound only 2222 to Parmer

It's not just MoPac anymore. It's MyPac.

A dark grey content area with three columns. The left column has a play button icon and the text "Watch how the lanes work". The middle column has a numbered list of five items: "1 What is an Express Lane?", "2 What is Variable Tolling?", "3 How much does it cost?", "4 Where do I get on and off?", and "5 Can I see a map?". The right column has a construction icon and the text "Click here for construction updates". At the bottom, there is a TxTag logo with the text "25% less with a TxTag. To sign up for a TxTag, visit TxTag.org or call 1-888-468-9824", social media icons for YouTube, Twitter, Facebook, and LinkedIn, and a link for more information about the MoPac Improvement Project with the Central Texas Regional Mobility Authority logo.

Campaign Creative



CapMetro Bus Boards

The Statesman High Impact Ad



IT'S MY
They're-Not-Braxton-Hicks
LANE

MoPacExpress.com



Open June 2016
Northbound Only
2222 to Parmer

IT'S MY
Meeting-The-Parents
LANE


MoPacExpress.com



Open June 2016
Northbound Only
2222 to Parmer

IT'S MY
I-Thought-My-Mother-In-Law
Was-Coming-Tomorrow
LANE

INTRODUCING THE MOPAC EXPRESS LANE




What's an Express Lane?
Express Lanes are special lanes that use variable tolling. They're not available for every day use, but for those occasions when you really need the option to bypass traffic without delay.

What is Variable Tolling?
It's a new technology designed to ensure buses, carpools, emergency vehicles and individual drivers can get where they're going without delay. The goal is to prevent congestion by managing the number of vehicles that enter the lane.


How does it work?
Sensors monitor traffic, and when it increases, so does the toll. When traffic is light, the toll comes down to encourage more use.

Where do I get on and off?
There will be three plazas to enter or exit the Express Lane: Cesar Chavez, 2222 and Parmer Lane. Signs will post the current toll half a mile before the entrance. Once you're in the lane, you'll never pay more than the amount you saw posted.

What if I don't have a TxTag?
Drivers without a TxTag can still use the Express Lane, but higher fees will apply. TxTag users pay 25% less than those who choose to pay by road. To register, visit TxTag.org or call 888-468-9834.



Open June 2016, Northbound Only - 2222 to Parmer Ln
MoPacExpress.com



It's not just MoPac anymore. It's MyPac.

Direct Mail Insert

IT'S MY
She-Only-Graduates-Once
LANE

Introducing the new MoPac Express Lanes

Open June 2016
Northbound Only - 2222 to Parmer Ln



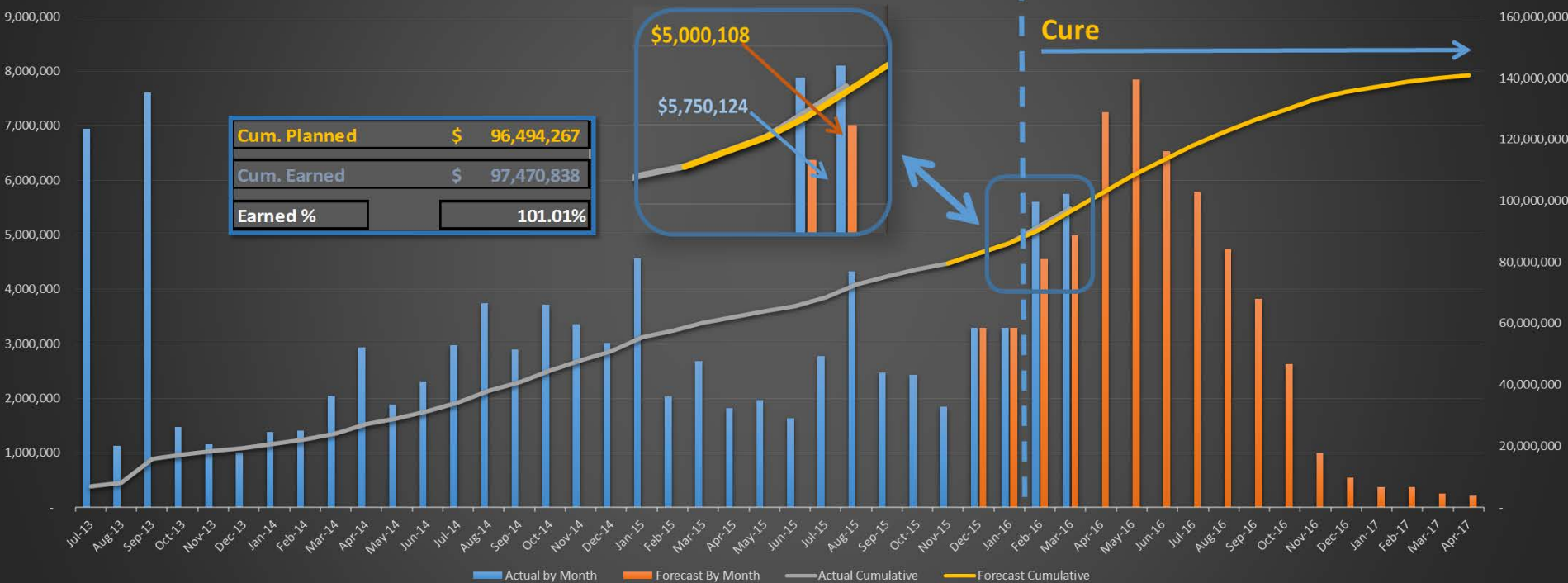

Progress Metrics



Progress Metrics



Overall Project - Progress Performance Earned Metrics March 2016 Update



Quarterly update on transportation projects. Projects under construction. SH 71 Express.

Agenda Item #10-A-2

Justin Word, P.E., Director of Engineering
Steve Pustelnyk, Director of Community Relations
May 3, 2016



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Regional Mobility Authority



- **Approximately 60% complete**
- **Emphasis is to complete the FM 973 interchange**
- **SH 71 bridge over SH 130 is fully complete**
- **Concrete for mainlanes being placed between FM 973 and SH 130**
- **Work on bridge widening at Presidential is ongoing**



Ongoing construction of shared-use pathway along SH 71



Ongoing construction of new westbound-to-eastbound U-turn at Presidential Boulevard



Construction of retaining wall at Presidential Boulevard



- **March 23 Open House informed the public about construction activity and a major traffic shift along SH 71**
- **Marketing efforts have launched, including coordination with TxTAG marketing personnel**



Quarterly update on transportation projects. Projects under construction. 183 South Project.

Agenda Item #10-A-3

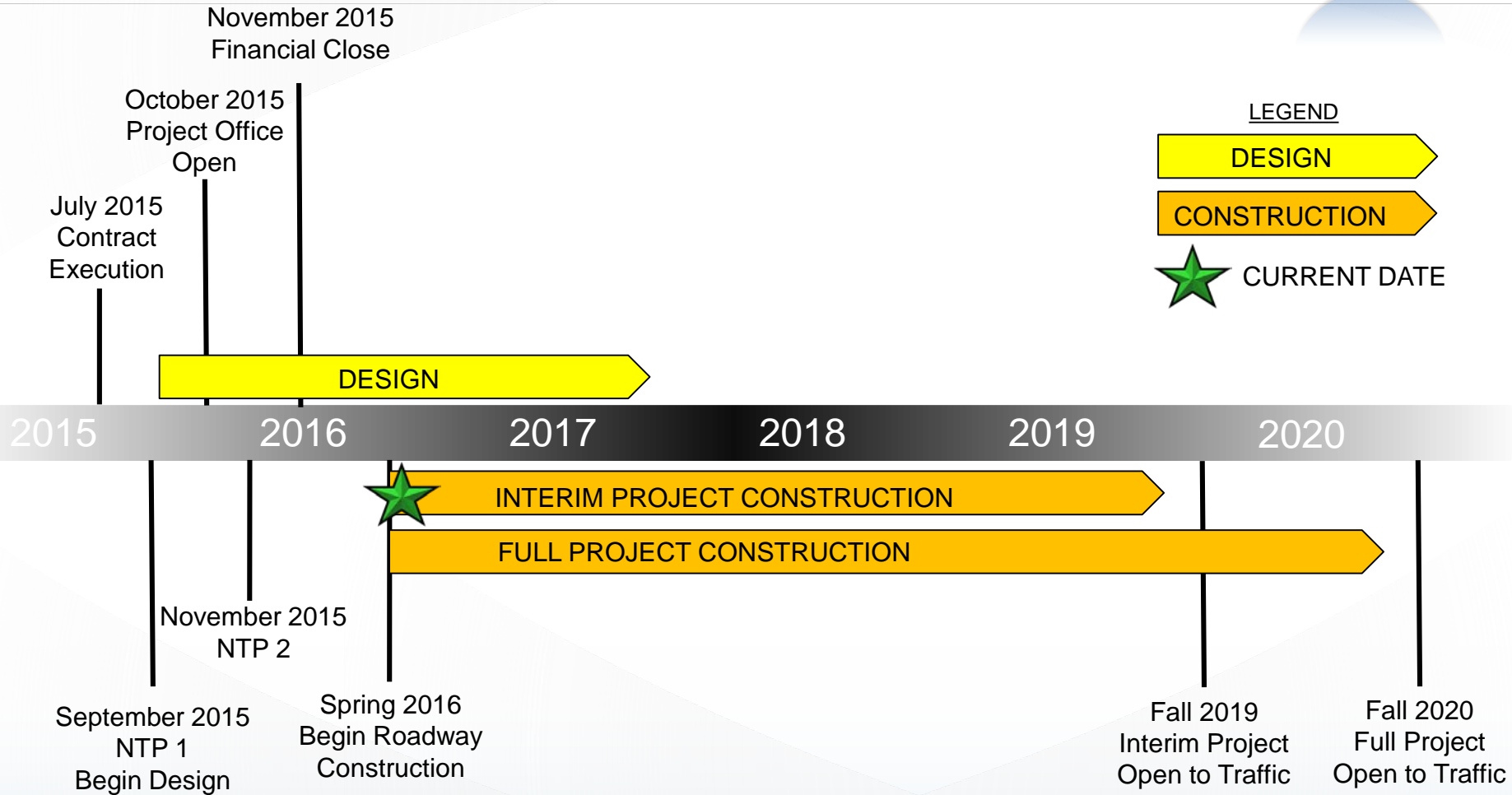
Aaron Autry, Senior Project Director, Atkins

May 3, 2016

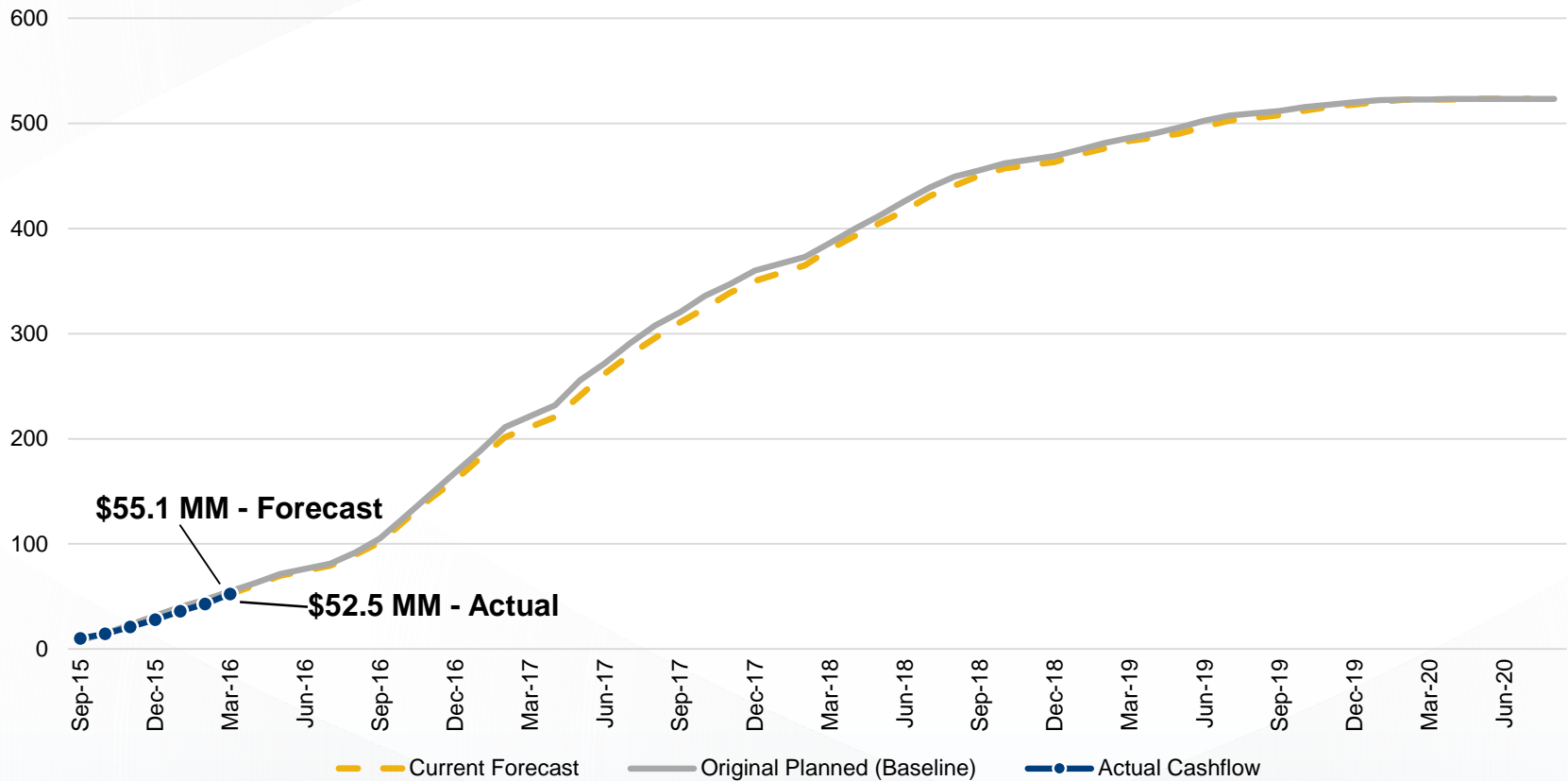


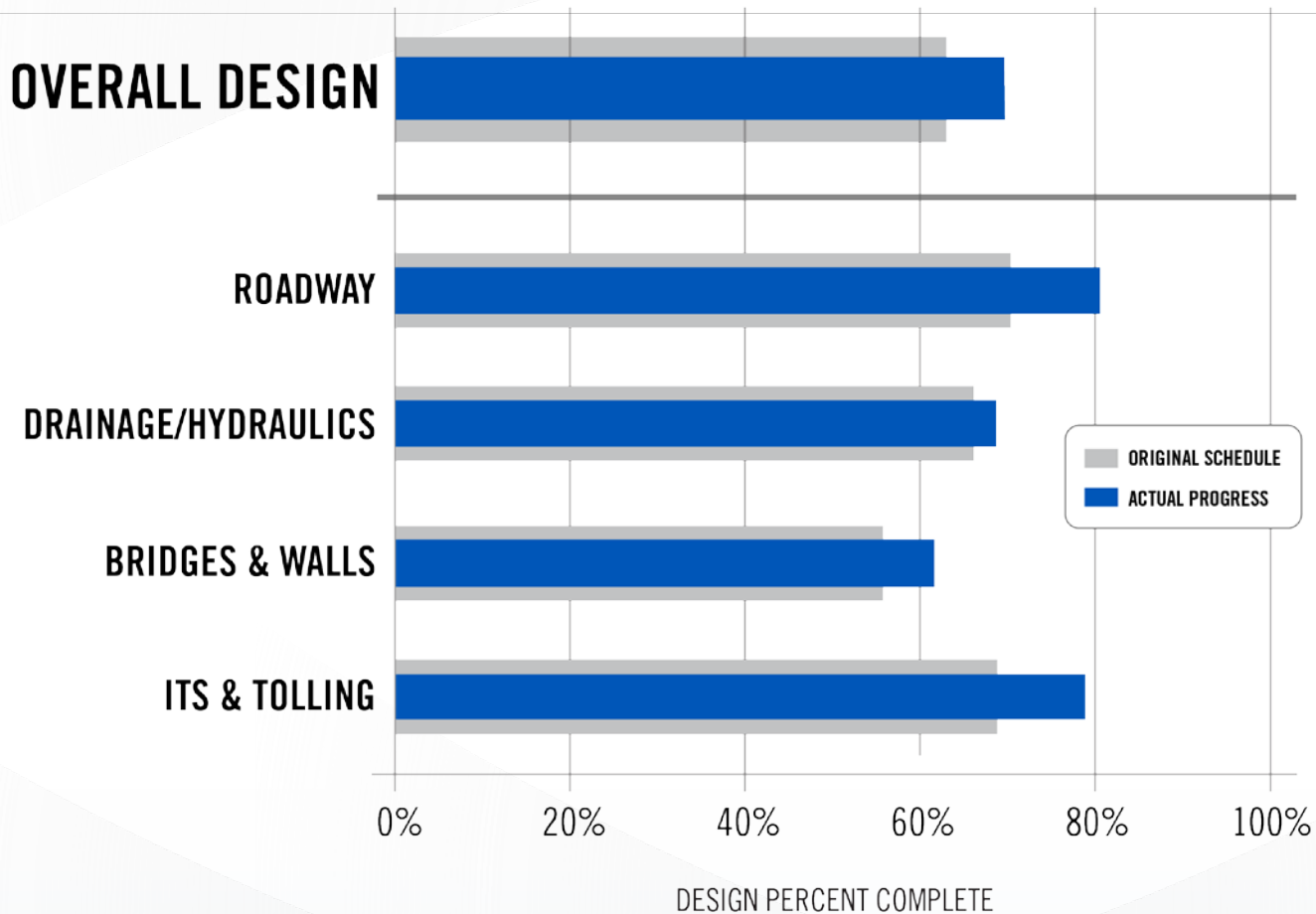
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Regional Mobility Authority

183 South Project Schedule



Cash Flow Diagram – Without Mobilization





- Design efforts are on schedule

Right-Of-Way Acquisition Status



- Right-Of-Way and Drainage Easement have been made available to the Contractor



Current Activities (Began April 4th)

- Barricades and Work Zone Signage
- Erosion Control
- Clearing
- Asbestos Paint Removal
- Field Yard Site Prep / Trailer Delivery

Upcoming Activities

- Springdale / Manor Road
 - Bridge foundations
 - Water line relocations
 - Grading
 - Concrete barrier placement
- Purple Sage
 - Concrete barrier placement
 - Utility relocations



Construction Signage



Tree Protection Barrier



Erosion Control Installation/
Clearing and Grubbing



Clearing and Grubbing



Asbestos Removal



Project Milestones

- Groundbreaking ceremony - April 6
- Keep Austin Beautiful Clean Sweep - April 9

Public Involvement

- 21 public inquiries
- Announcement mailer sent to all adjacent property owners
- University Hills neighborhood walls outreach meeting held
- Twelve stakeholder outreach meetings

- Hotline launched
- First bi-monthly e-newsletter sent

Upcoming Activities

- Proactive outreach surrounding construction activities/lane closures





- **QUESTIONS/COMMENTS**

Quarterly update on transportation projects. Projects under development. MoPac South Environmental Study.

Agenda Item #10-B-1

Dee Anne Heath, Director of External Affairs

May 3, 2016



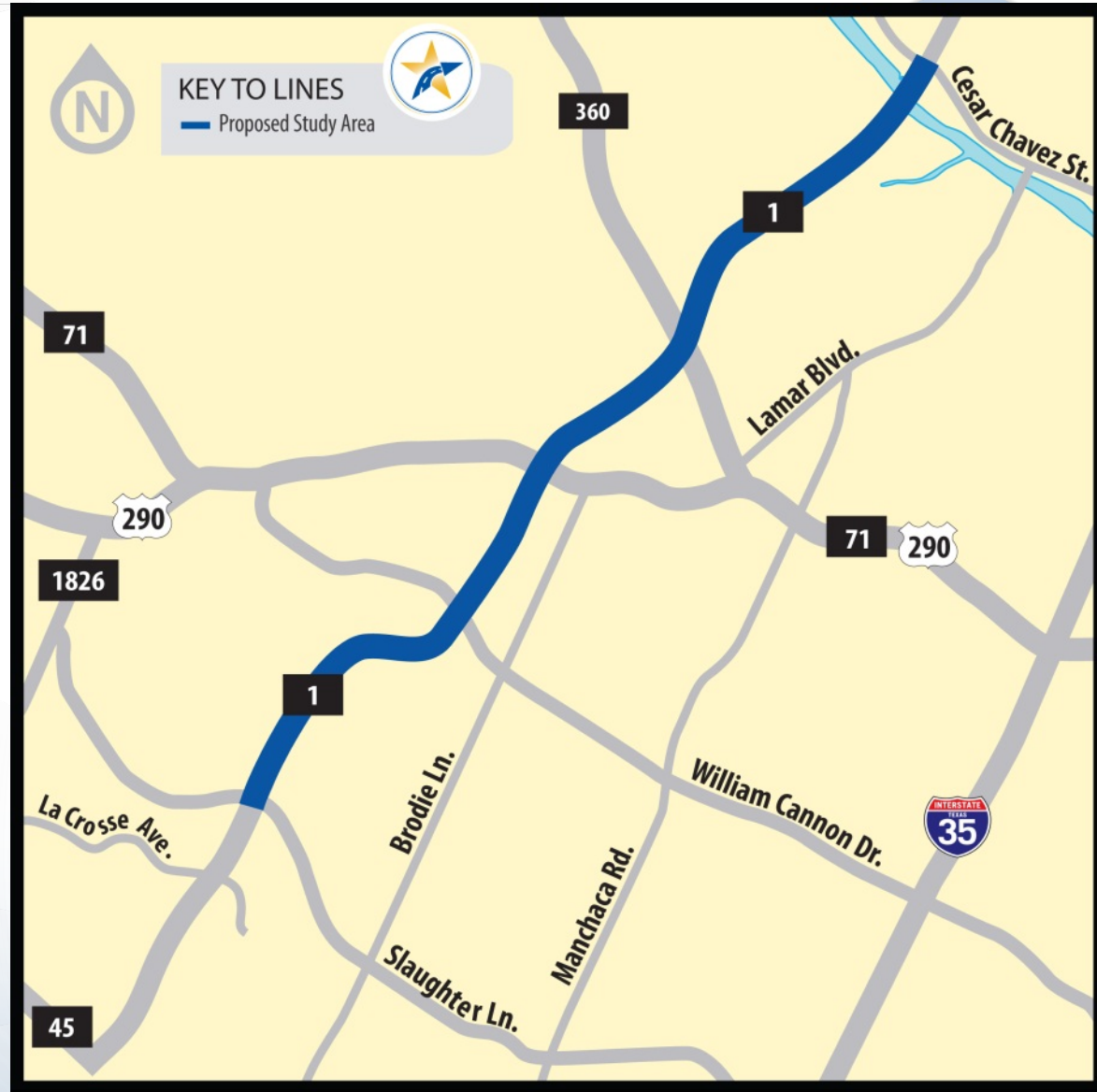
CENTRAL TEXAS
Regional Mobility Authority

MoPac South Environmental Study



MoPac South
ENVIRONMENTAL STUDY

Environmental Assessment





- **Notes from the 4th Technical Working Group (TWG) discussion were distributed to participants**
- **Project team working to update traffic projections based on 2040 CAMPO travel demand model**
- **Major technical reports will be updated to reflect updated results**

Quarterly update on transportation projects. Projects under development. 183 North Environmental Study.

Agenda Item #10-B-2

Dee Anne Heath, Director of External Affairs

May 3, 2016

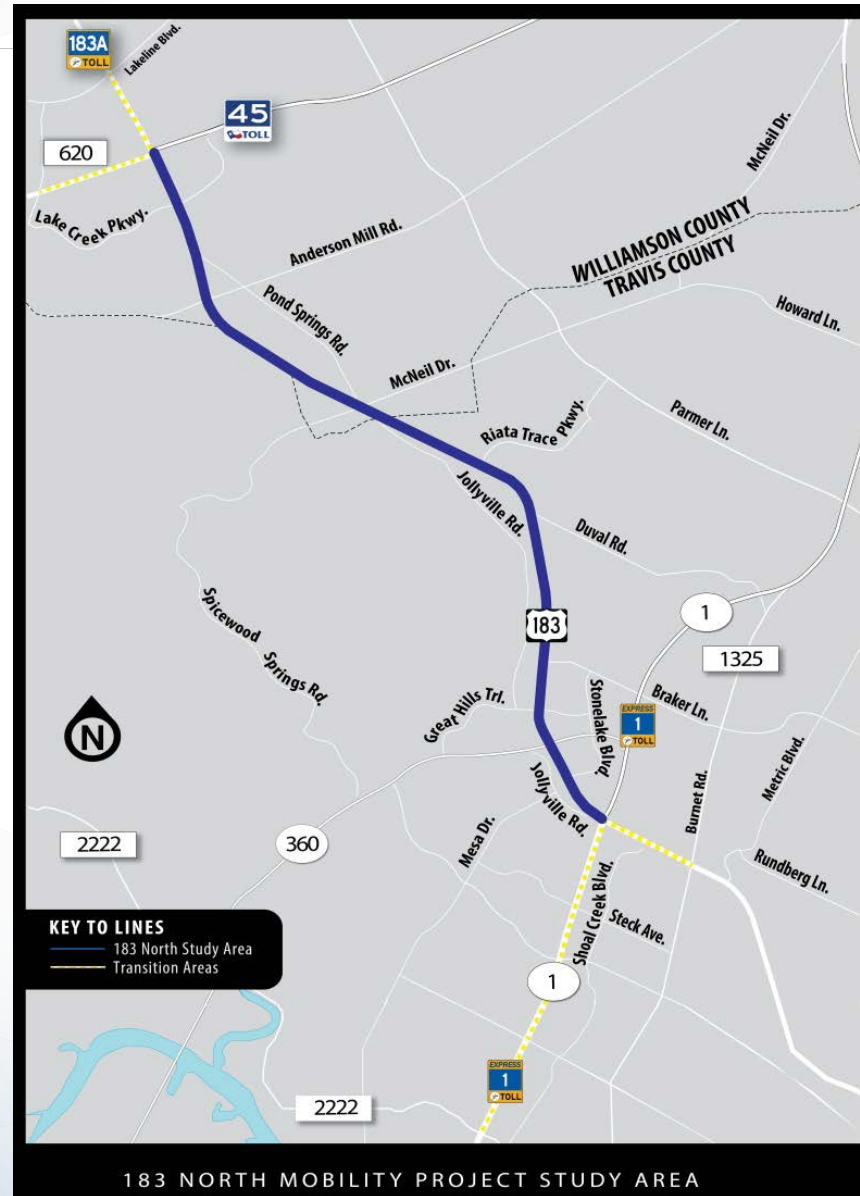


CENTRAL TEXAS
Regional Mobility Authority

183 North Mobility Project



Environmental Assessment



183 North Mobility Project



Summer 2013
Develop Purpose and Need,
Goals and Objectives

Winter 2014
Develop Preliminary
Alternatives

Fall 2015
Public Hearing

Preparation of Environmental Document

2013

2014

2015

2016

Ongoing Public Involvement

Summer 2014
Refine Express
Lanes

Winter 2015
Detailed Analysis and
Documentation

LEGEND

ENVIRONMENTAL

ENVIRONMENTAL DECISION
ANTICIPATED



Quarterly update on transportation projects. Projects under development. Oak Hill Parkway Environmental Study.

Agenda Item #10-B-3

Dee Anne Heath, Director of External Affairs

May 3, 2016

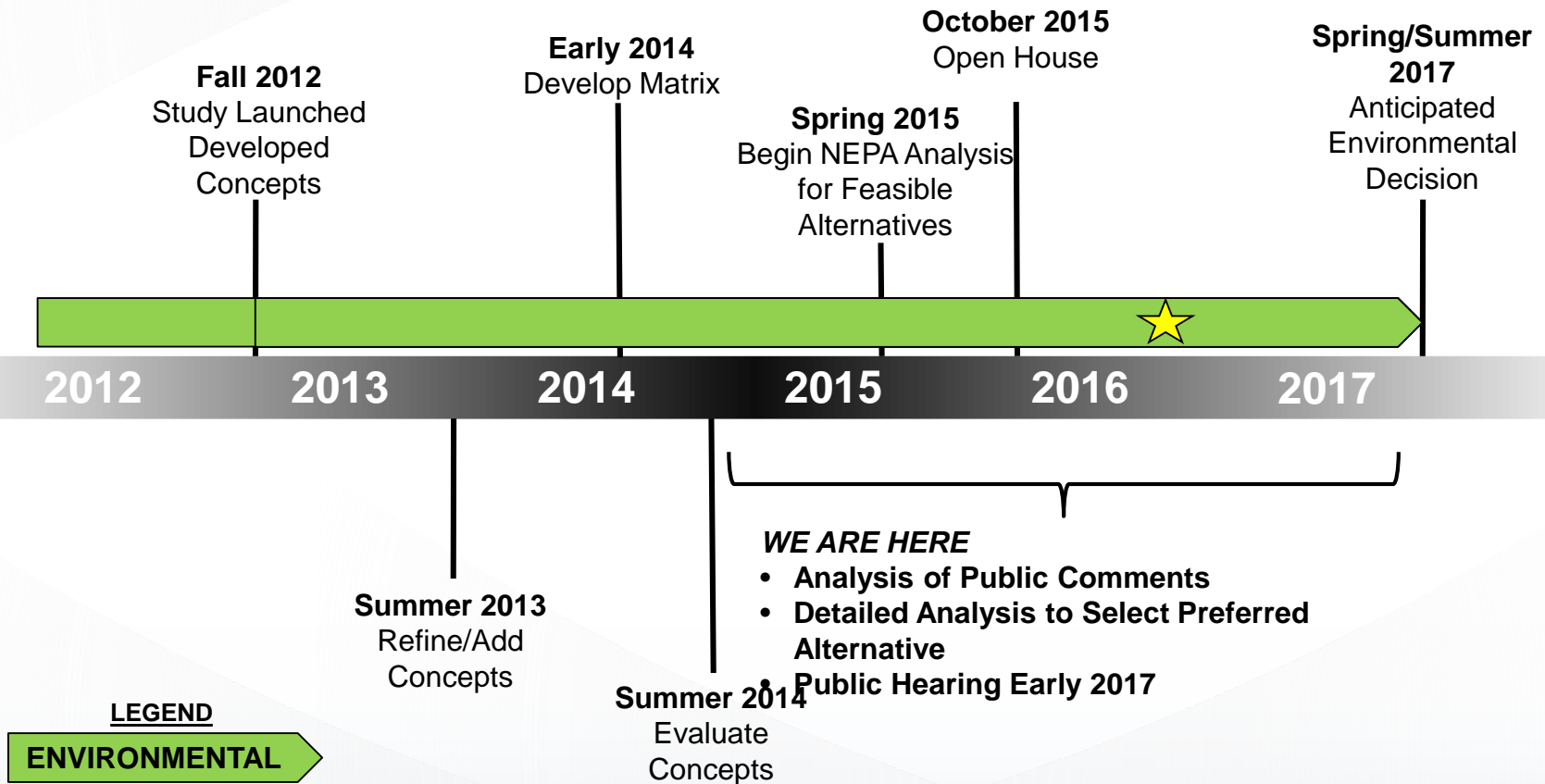


CENTRAL TEXAS
Regional Mobility Authority

Oak Hill Parkway



Oakhill Parkway Project



Pay By Mail Operational Complexities

Agenda Item #11

Tracie Brown, Customer Care & Toll Operations Manager

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority



“My husband sent in an electronic check in July. We have the bank statement that says it was processed but we’ve gotten a second toll violation letter.”



“I've made six attempts to pay these tolls and penalties online and your site doesn't work! I have proof. See the attached screen shots.”



“I received a bill from you and I shouldn’t have. My TxTag account is up-to-date and fully funded. This is your problem, not mine. Fix it!”



“I have a toll tag but I have recently begun receiving violation notices. I always pay any Pay By Mail bills as soon as I receive them. I don’t understand why I am getting these notices from you. My Pay By Mail account number is 23XXXXXX.”



***“You billed me for a vehicle
that I sold 18 months ago.
These tolls are not my
responsibility!”***



- **Keep your TxTag account records current, e.g., credit card expiration date, license plate number, etc.**
- **Review your TxTag statements for “paid by plate” tolls.**
- **Check the Mobility Authority’s payment site – www.paytexastoll.com - to confirm that there is nothing outstanding.**



- Respond to all bills and notices.
- Include the bill reference number and license plate on all checks and money orders.
- Get a tag and save 25% on tolls across Texas.



Executive Director's Report. New CTRMA employee announcement.

Agenda Item #12

Mike Heiligenstein, Executive Director

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Executive Session

Agenda Items #13-16

May 3, 2016



CENTRAL TEXAS
Regional Mobility Authority

Approve an employment agreement with the Deputy Executive Director, including compensation and other contract terms.

Agenda Item #17

May 3, 2016



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Regional Mobility Authority

Adjourn Meeting

Agenda Item #18

May 3, 2016



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