



CENTRAL TEXAS
Regional Mobility Authority

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

Agenda Item #1

November 30, 2016



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Opportunity for Public Comment

Agenda Item #2

November 30, 2016



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Regular Items

Agenda Items #3-8

November 30, 2016



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Regional Mobility Authority

Approve the minutes for the October 26, 2016 Regular Board Meeting

Agenda Item #3

Geoff Petrov

November 30, 2016



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Accept the financial statements for October 2016

Agenda Item #4

Mary Temple

November 30, 2016



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Add the 290 East Phase III project to the Mobility Authority Turnpike System

Agenda Item #5

Bill Chapman, Chief Financial Officer

November 30, 2016



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Discuss and take appropriate action on an application for Qualified Energy Conservation Bond allocation for Park and Ride facilities

Agenda Item #6

Jeff Dailey, Deputy Executive Director
Bill Chapman, Chief Financial Officer

November 30, 2016



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Regional Mobility Authority



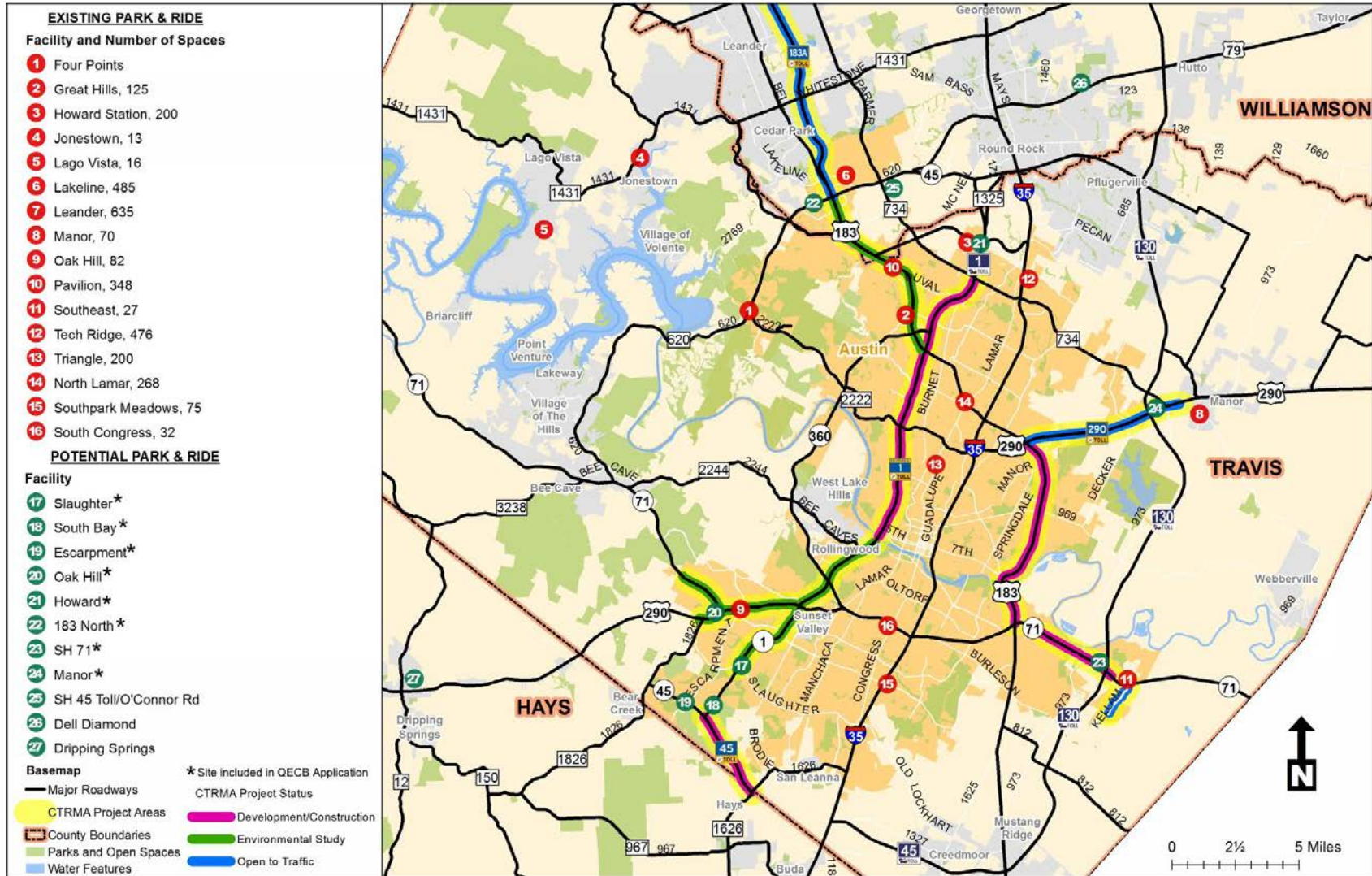
- **CAMPO, CapMetro, and CTRMA are working together on a coordinated approach to regional Park and Ride planning and implementation.**
- **CTRMA Board approved a Park and Ride Memorandum of Agreement July, 2016.**
- **Bi-weekly coordination meetings are on-going.**
- **Potential sites have been identified.**
- ***Qualified Energy Conservation Bonds (QECCB)* is a potential funding mechanism available to facilitate the design and implementation.**



- **Park and Ride Facilities coupled with Express Bus service will:**
 - Improve mobility
 - Increase person throughput
 - Reduce traffic congestion
 - Enhance reliable travel times for buses

- **Georgia State Road and Tollway Authority / Regional Transportation Authority – Express Buses:**
 - Comprise only 2% of the vehicles
 - Carry more than 26% of the people

Park and Ride Study Locations



Park and Sites - Potential for QECB



- **Conceptual cost estimates**
- **Sites / layouts to be further refined**
- **Allocations can be updated and moved as needed**

Map ID	Site Location	Estimated Cost
17	South MoPac / Slaughter	\$ 8.0 M
18	South MoPac / South Bay	\$ 2.3 M
19	South MoPac / Escarpment	\$ 2.0 M
20	Oak Hill Parkway	\$17.0 M
21	Howard Lane / MoPac	\$12.3 M
22	183 North / RM 620	\$ 8.4 M
23	SH 71 / SH 130	\$12.6 M
24	US 290 near Manor	\$ 9.7 M
Total		\$72.3 M



QECB Allocations

Travis County	\$2,568,900
Williamson County	\$3,773,122
City of Austin	\$7,865,291
Statewide	~\$38,000,000
Total	~\$52,207,313



- **Authorized through the Energy Improvement and Extension Act.**
- **“Qualified Conservation Purposes” includes certain mass commuting projects (e.g. Park and Ride Facilities).**
- **CTRMA to approach Travis County, Williamson County, and City of Austin to request remaining QECB allocations. Combined with Statewide allocations, over \$52,000,000 is available.**
- **Texas Bond Review Board**
 - Submit application
 - CTRMA Board resolution
 - Travis County, Williamson County, and City of Austin to submit resolution to waive their existing QECB allocation to CTRMA
- **Next step would authorize finalizing application.**

Next Steps

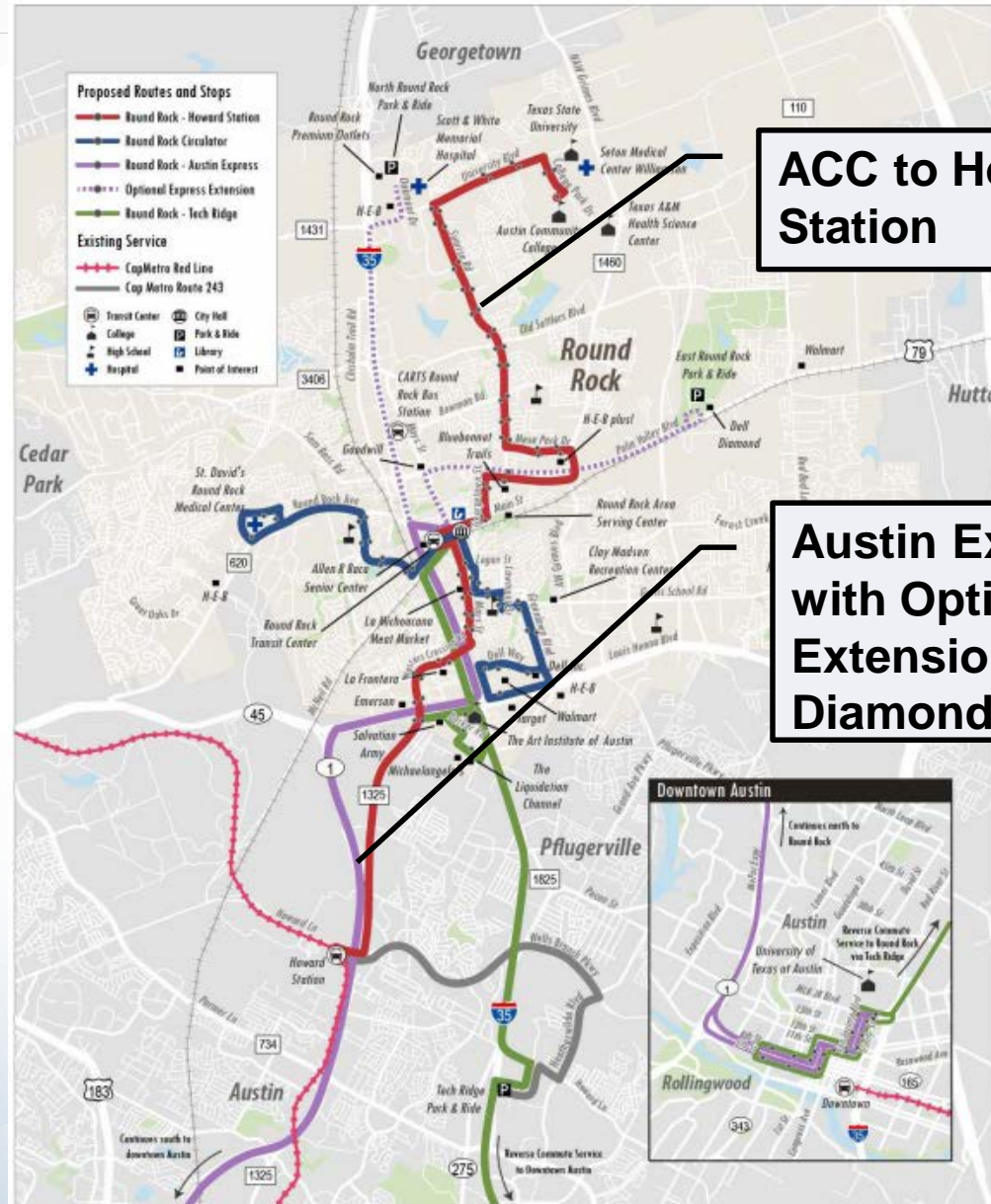


- **Complete QECB Application Process**
- **Continue Planning Process with CapMetro / CAMPO**
- **Refine Park and Ride Locations, Layout and Priorities**
- **CTRMA parameters resolution to be considered by Board upon approval of the reallocated / “pooled” QECB authority**

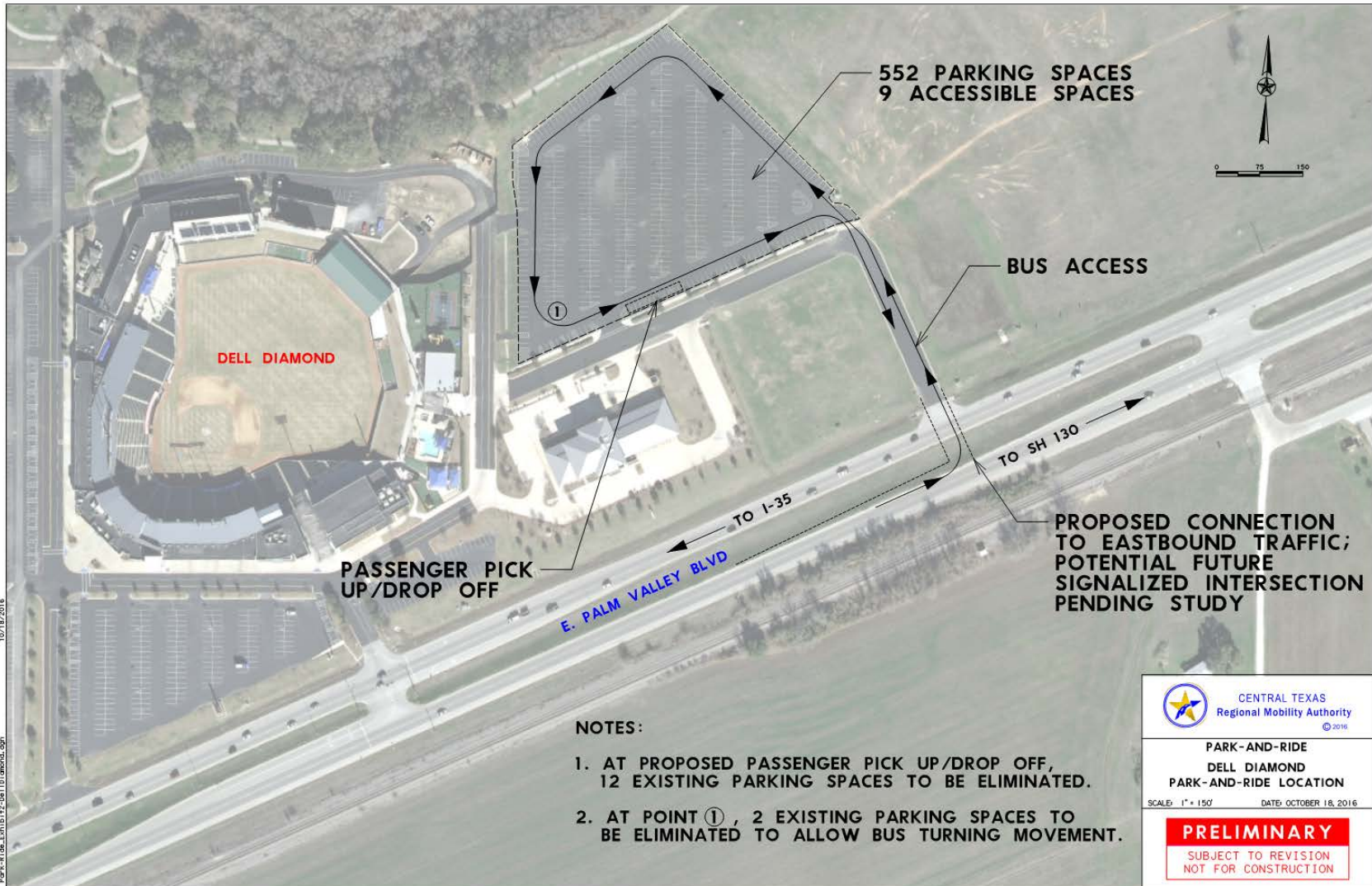
City of Round Rock Transit Master Plan



- City of Round Rock developed a Transit Master Plan to provide a blueprint for improving local mobility and regional connectivity
- Service recommendations include an initial phase of bus routes that utilize the MoPac Express Lanes
- Master plan currently in implementation phase for proposed routes



Dell Diamond Park and Ride



Approve Work Authorization No. 5 with Parsons Brinckerhoff, Inc. for general engineering consultant services related to the 183A Phase III Project

Agenda Item #7

Justin Word, P.E., Director of Engineering

November 30, 2016



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Approve a legislative program for issues and proposals affecting the Mobility Authority in the 85th Texas Legislature

Agenda Item #8

Geoff Petrov, General Council

November 30, 2016



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Briefings and Reports

Agenda Items #9-11

November 30, 2016



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Monthly briefing on the MoPac Improvement Project

Agenda Item #9

Steve Pustelnyk, Director of Community Relations

November 30, 2016



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Express Lane Performance



Transaction Trends



27% increase in Express Lane Traffic Since Opening

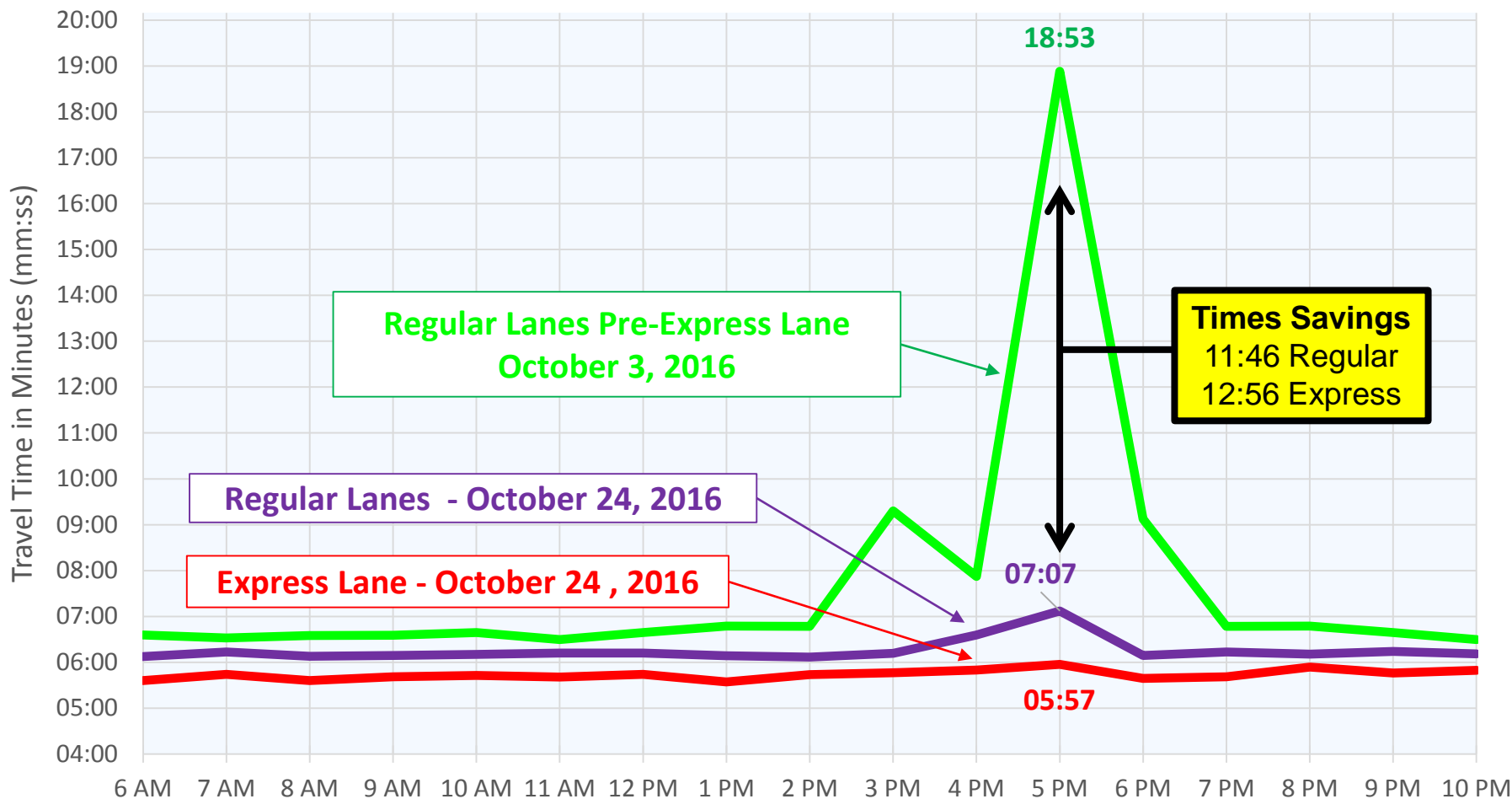
Date		Total Transactions	Highest hour	Maximum Rate
10/17/16	Mon	1,924	582	\$ 0.39
10/18/16	Tue	2,613	763	\$ 0.51
10/19/16	Wed	3,006	854	\$ 0.51
10/20/16	Thu	3,149	867	\$ 0.53
10/21/16	Fri	3,053	833	\$ 0.43
10/24/16	Mon	2,643	785	\$ 0.51
10/25/16	Tue	2,911	863	\$ 0.51
10/26/16	Wed	2,925	867	\$ 0.51
10/27/16	Thu	3,166	913	\$ 0.57
10/28/16	Fri	3,977	881	\$ 0.57
10/31/16	Mon	2,939	939	\$ 0.53
11/01/16	Tue	4,688	1,388	\$ 0.75
11/02/16	Wed	3,320	945	\$ 0.53
11/03/16	Thu	4,314	1,077	\$ 0.54
11/04/16	Fri	3,654	978	\$ 0.57
11/07/16	Mon	3,196	982	\$ 0.49
11/08/16	Tue	3,808	1,055	\$ 0.53
11/09/16	Wed	4,093	1,177	\$ 0.53
Average Weekday		3,299	931	\$ 0.53

Frequency of Express Lane Use



Weekdays			
	Valid Tags	Plates	Total
Total Transactions:	32,128	14,420	46,548
Unique Vehicles:	14,849	7,692	22,541
1 day	64%	71%	67%
2 days	14%	13%	13%
3 days	6%	5%	6%
4 days	4%	3%	4%
5 days	3%	2%	2%

Greatest Travel Time Savings



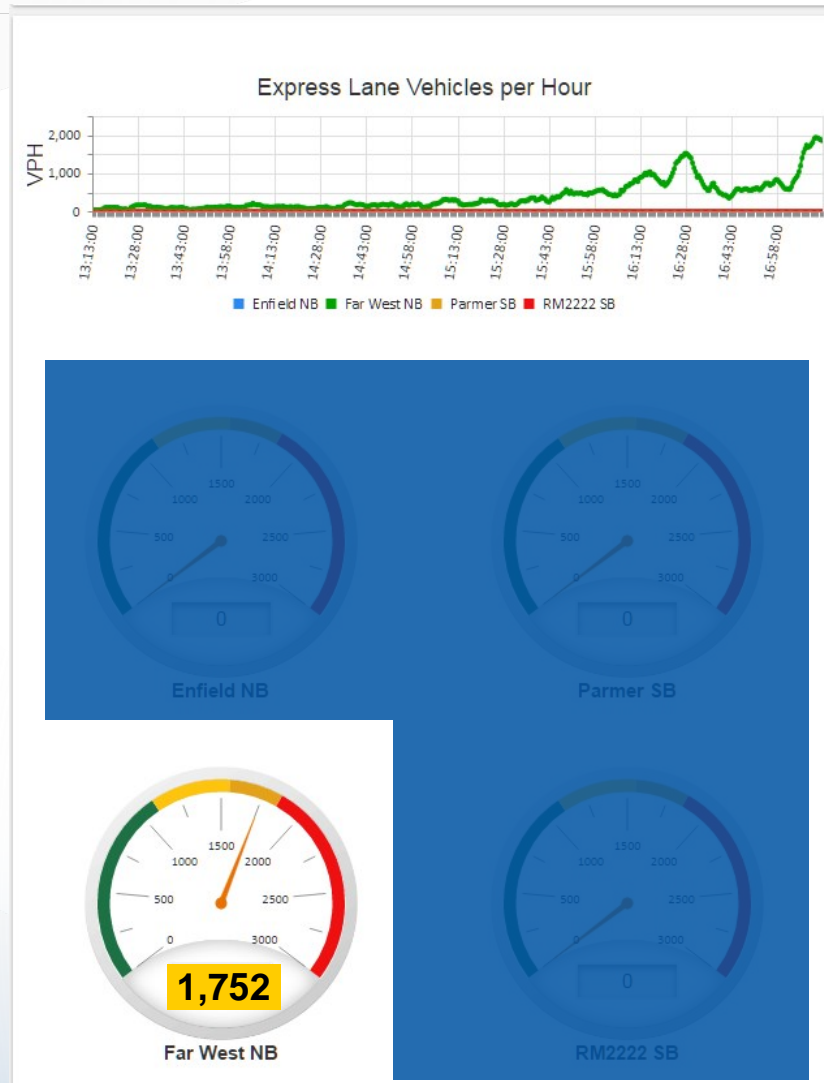
Case Study – Tuesday, November 1



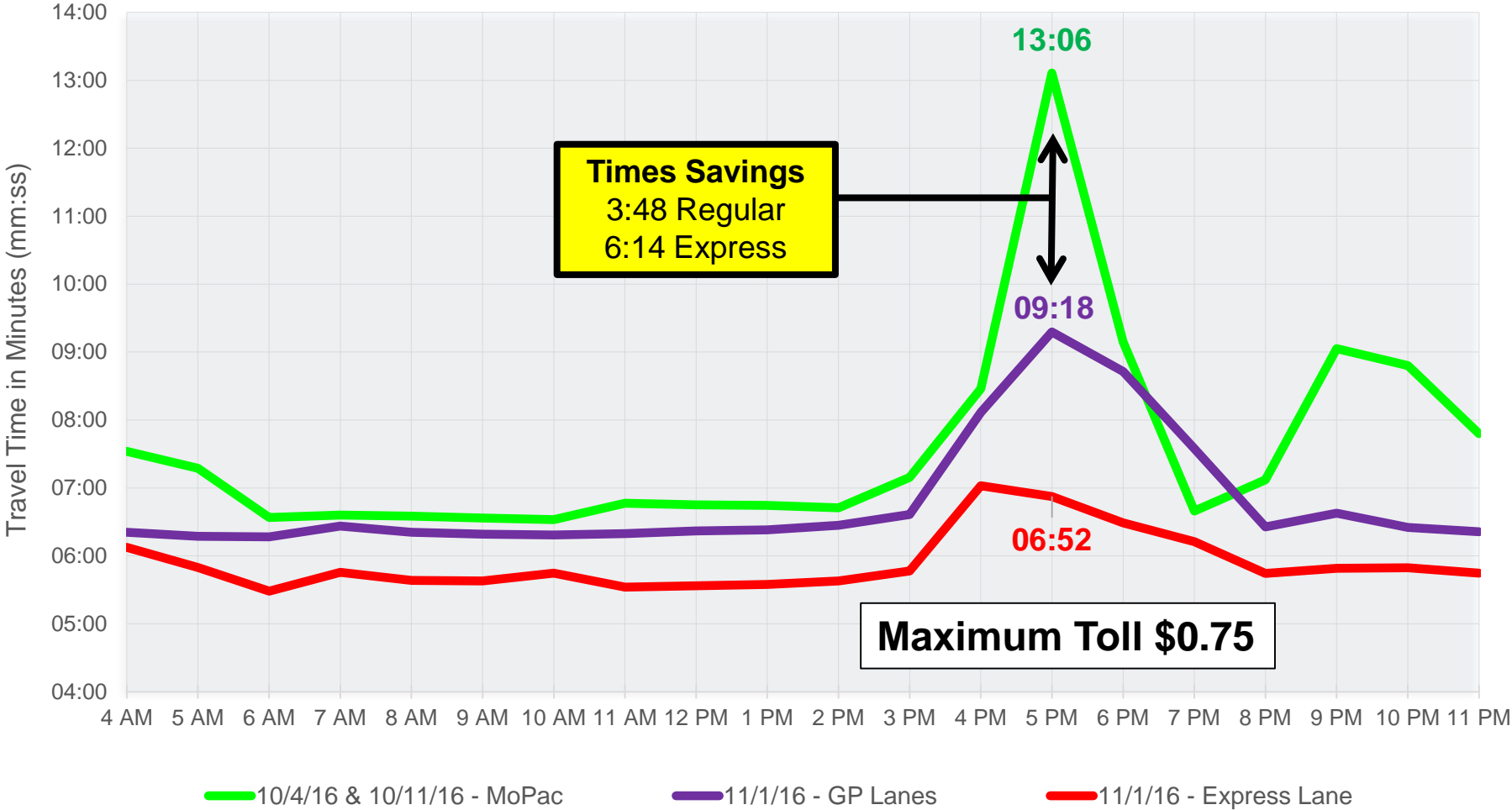
805 STECK AVE
NW



Most Vehicles Per Hour – Tuesday November 1



Travel Time Comparison – Tuesday November 1

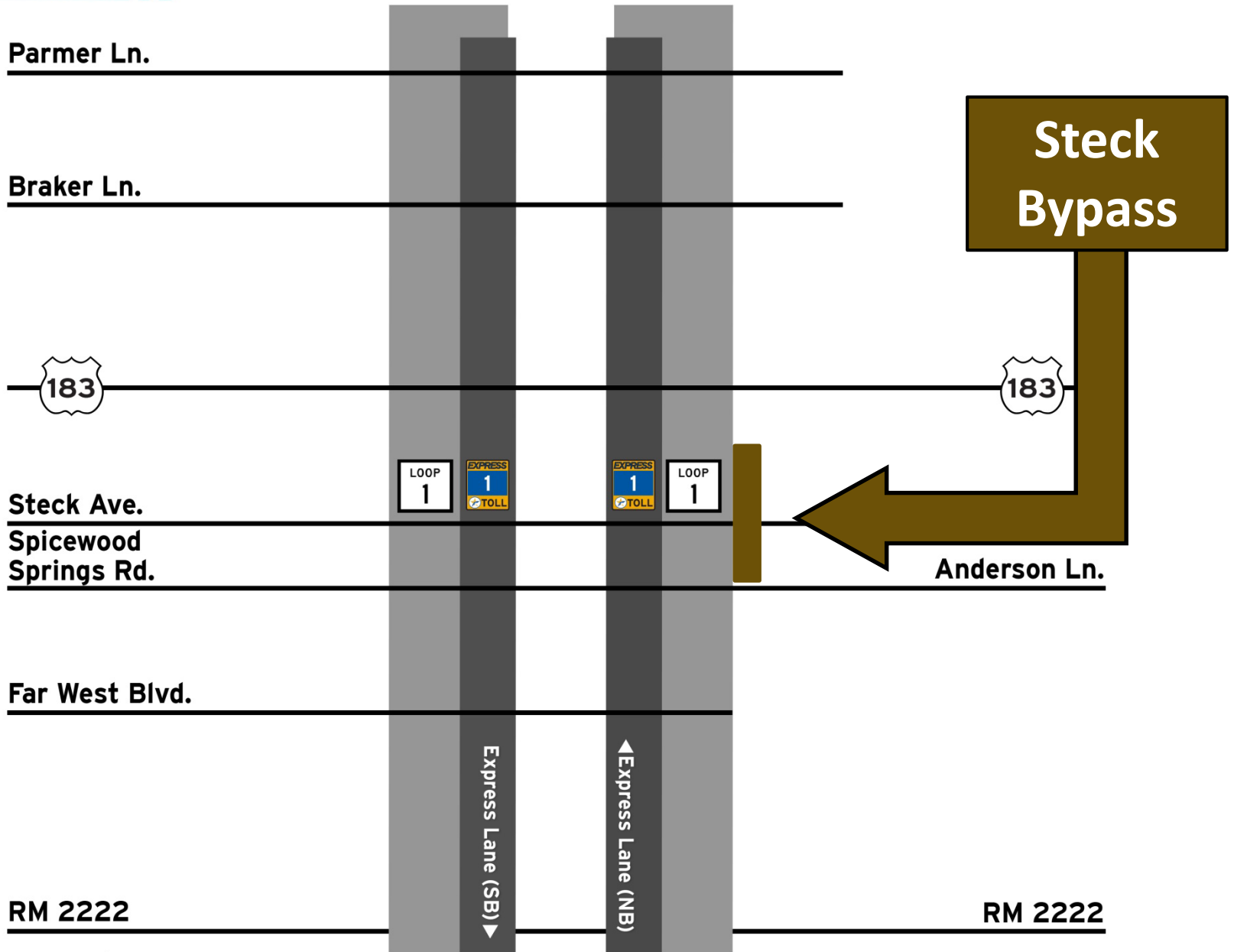


Construction Progress

◀ MOPAC
IMPROVEMENT
PROJECT ▶▶



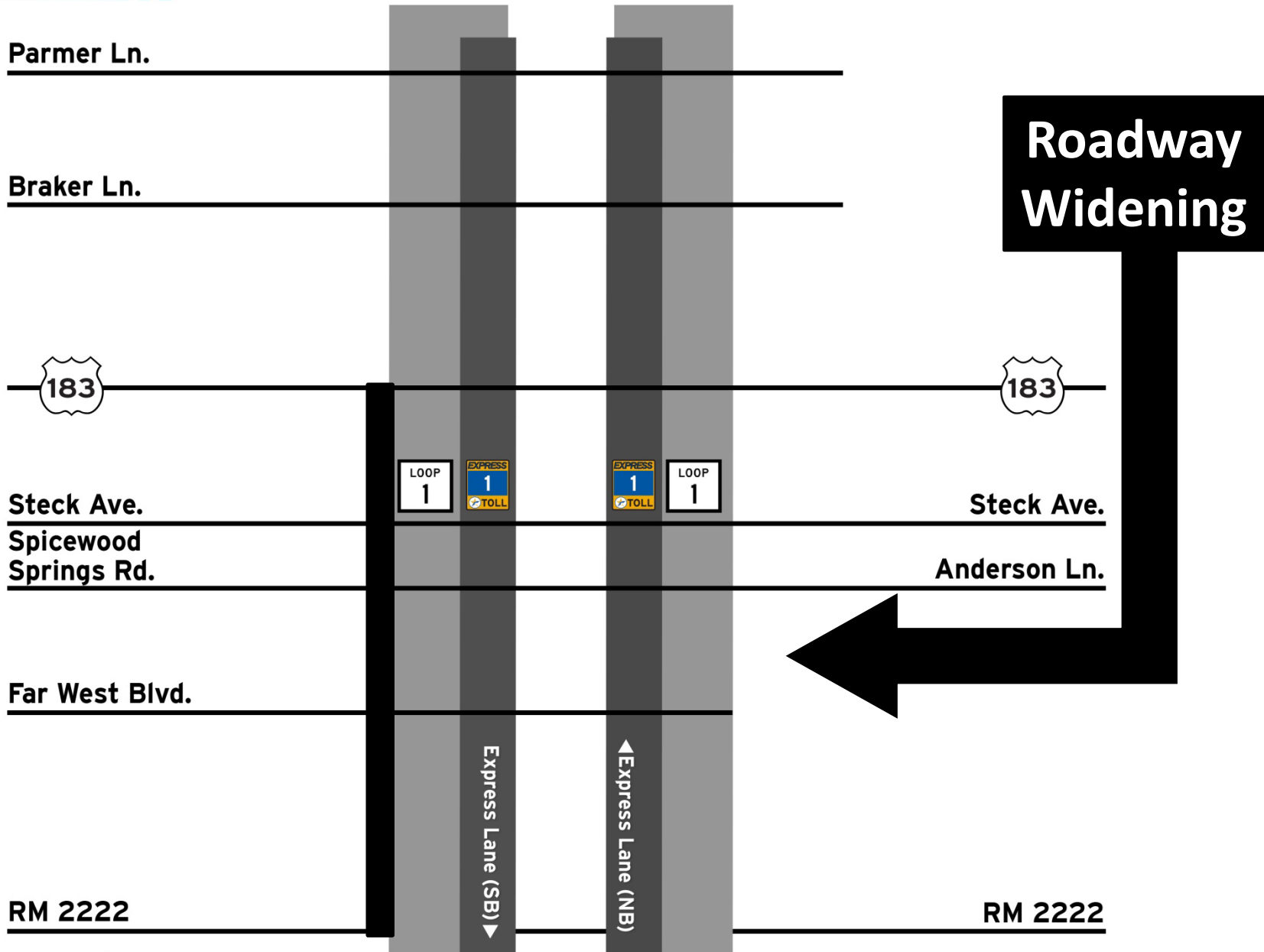
Section 1 & 2 – RM 2222 to Parmer Lane



Steck Bypass



Section 1 & 2 – RM 2222 to Parmer Lane

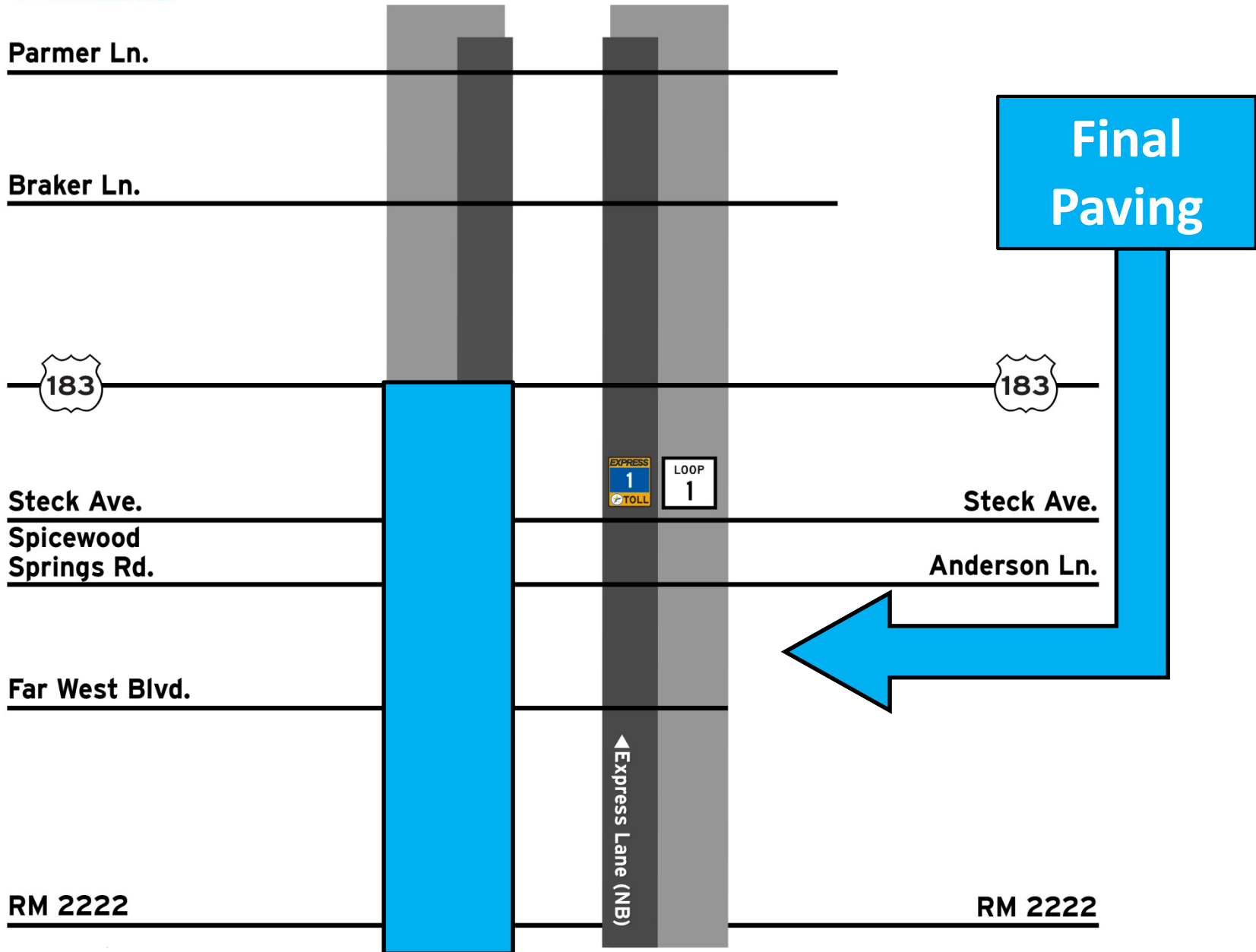




Roadway Widening



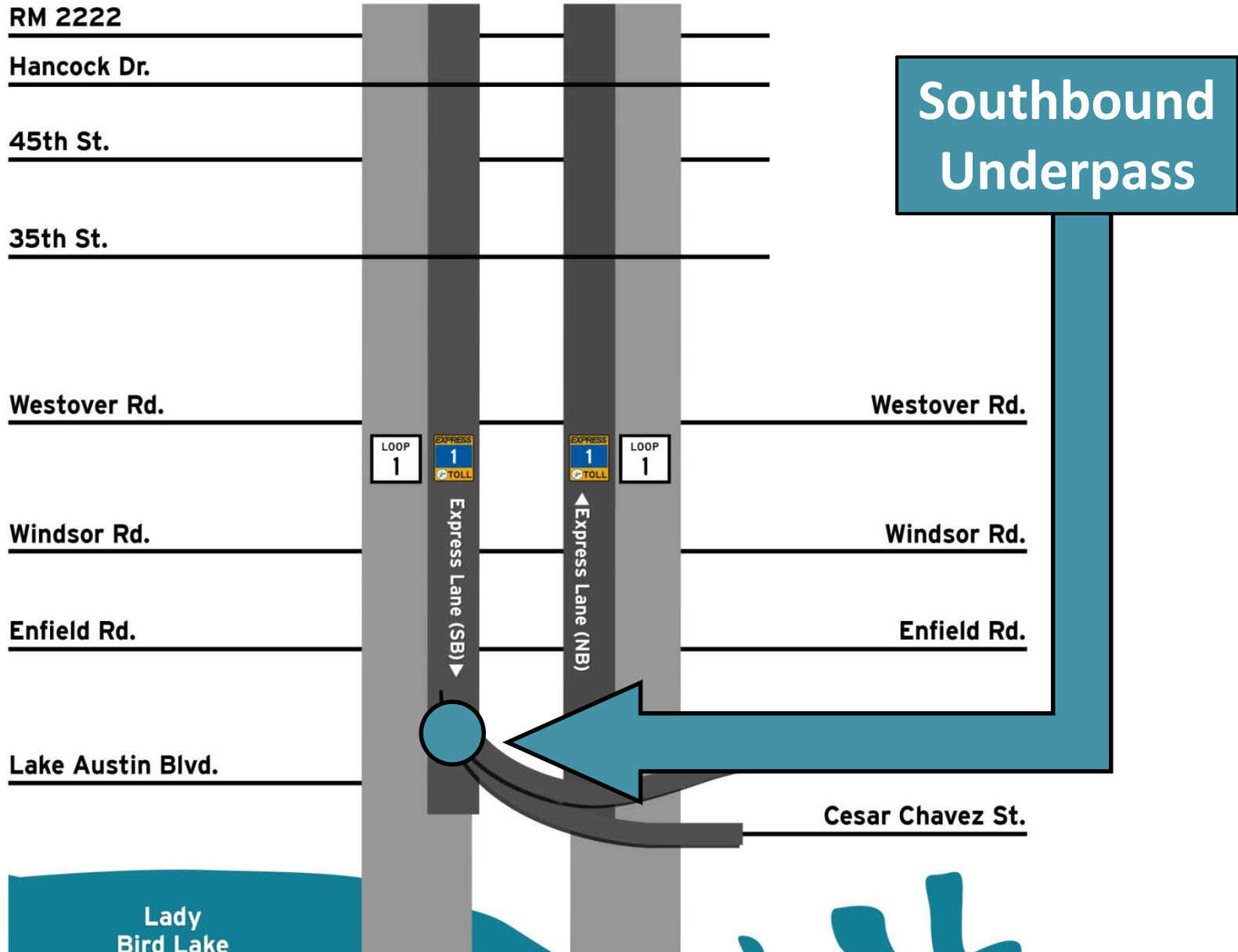
Section 1 & 2 – RM 2222 to Parmer Lane



Final Paving



Section 3 & 4 – Cesar Chavez to RM 2222

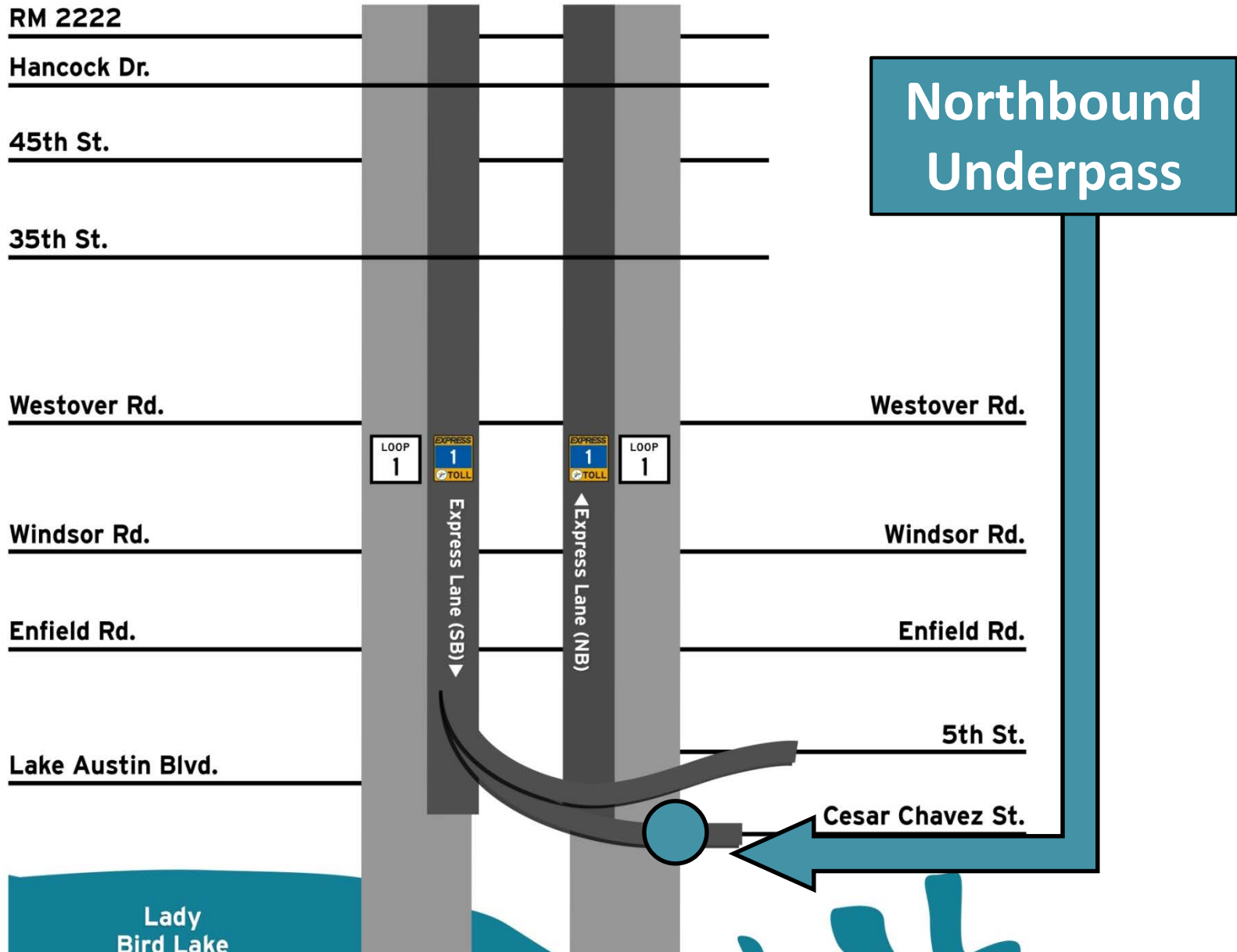




Southbound Underpass



Section 3 & 4 – Cesar Chavez to RM 2222

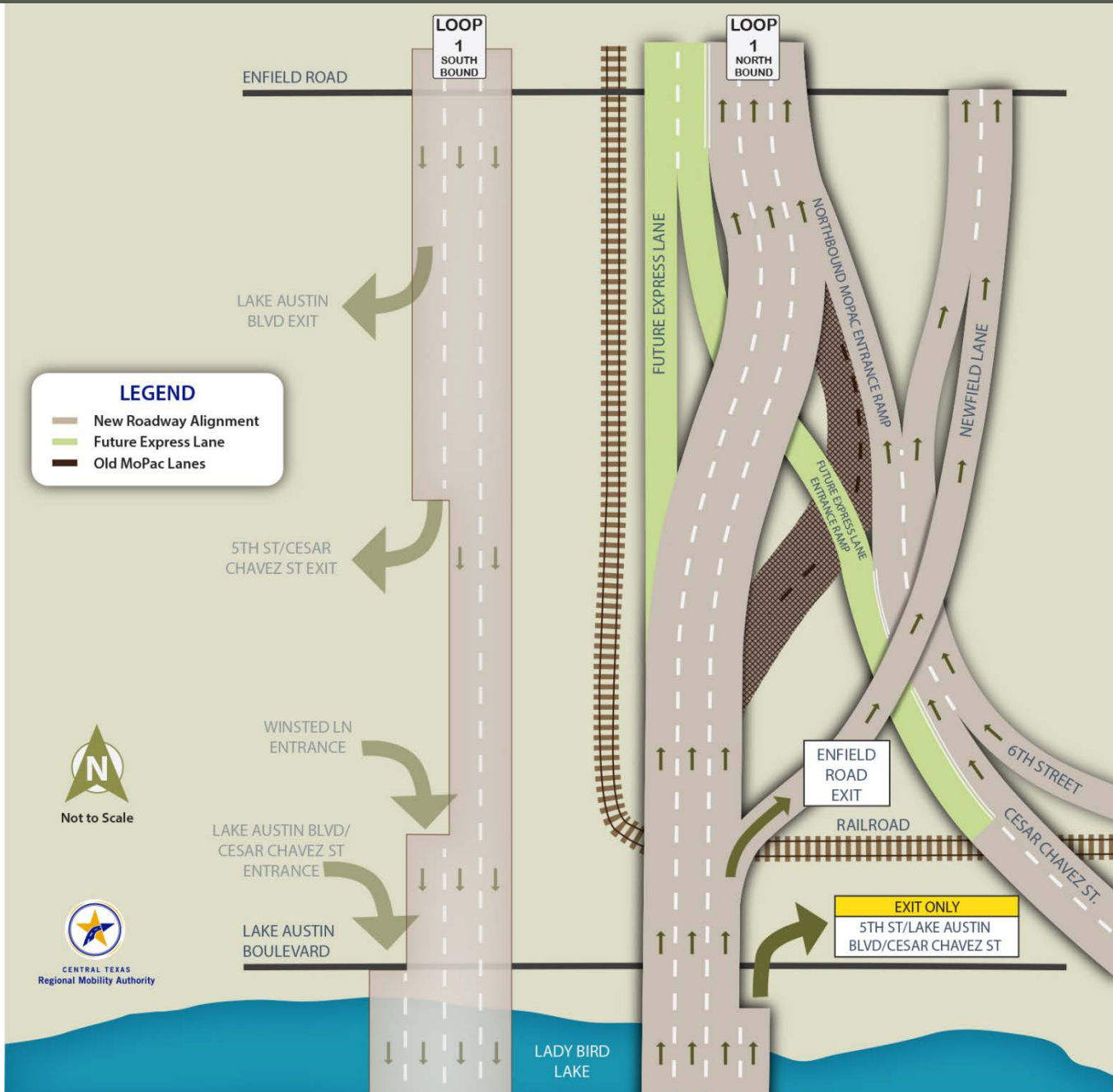




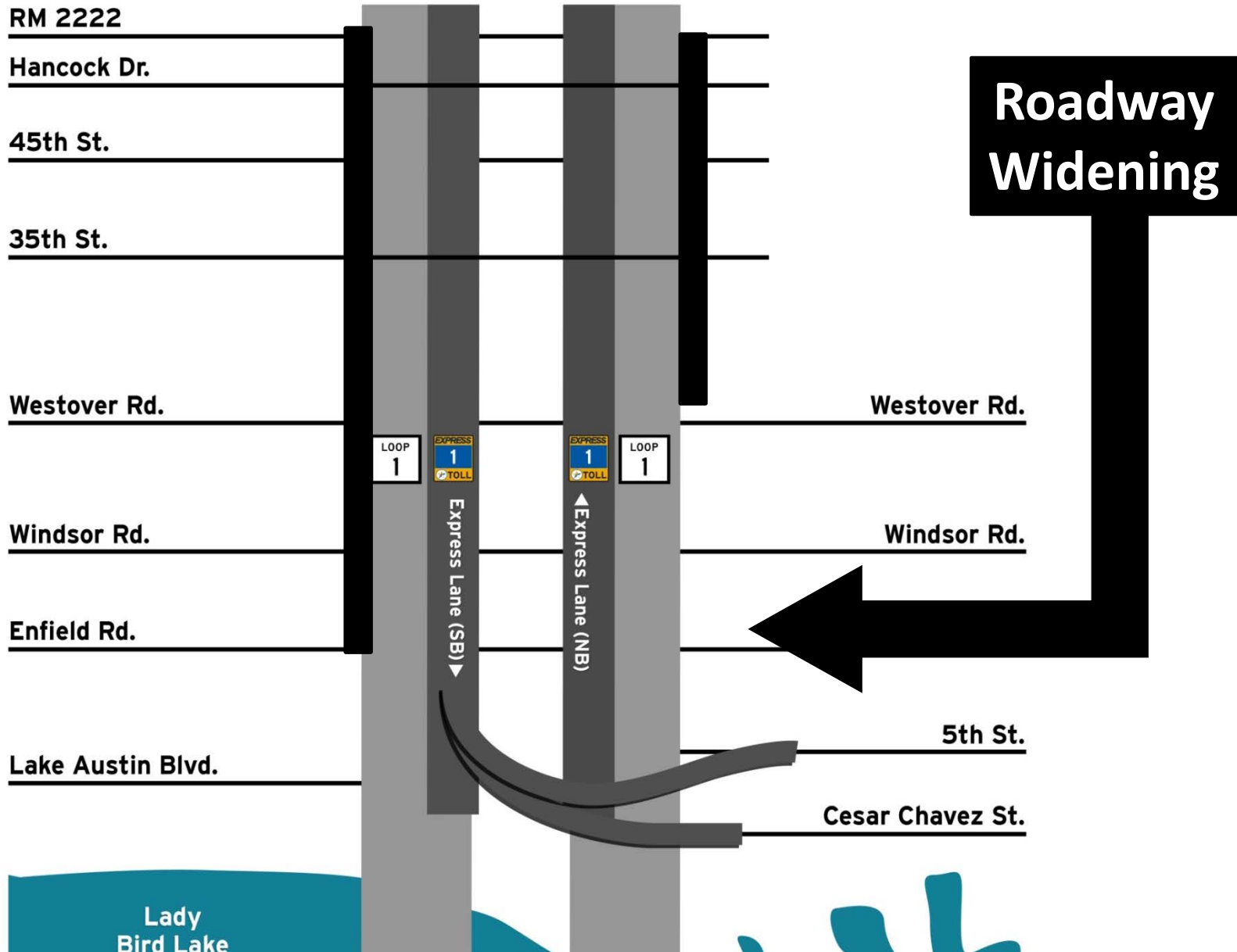
**Northbound
Underpass**



Final Northbound Express Lane Entrance at Cesar Chavez Street



Section 3 & 4 – Cesar Chavez to RM 2222



Roadway Widening

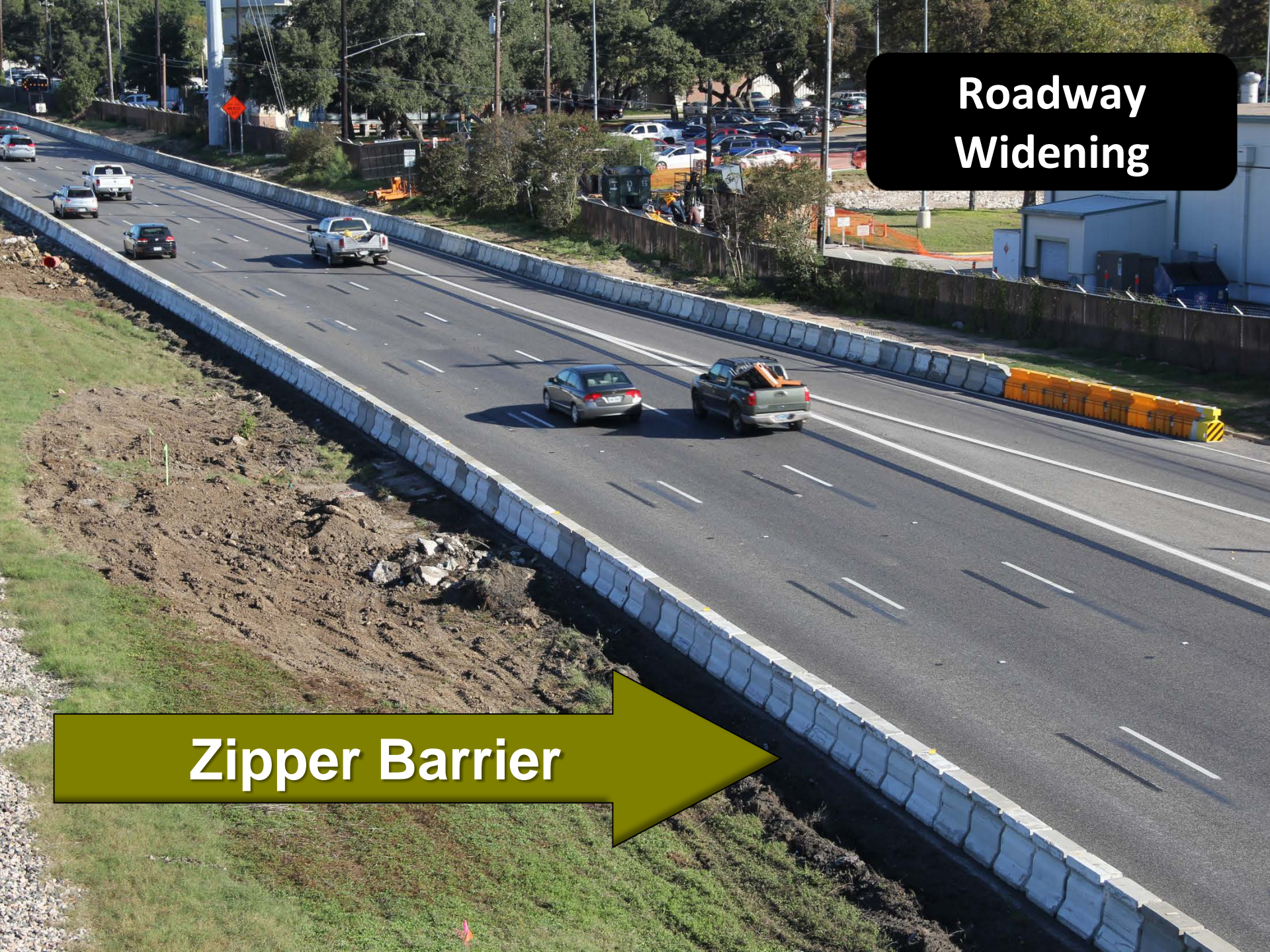


Roadway Widening

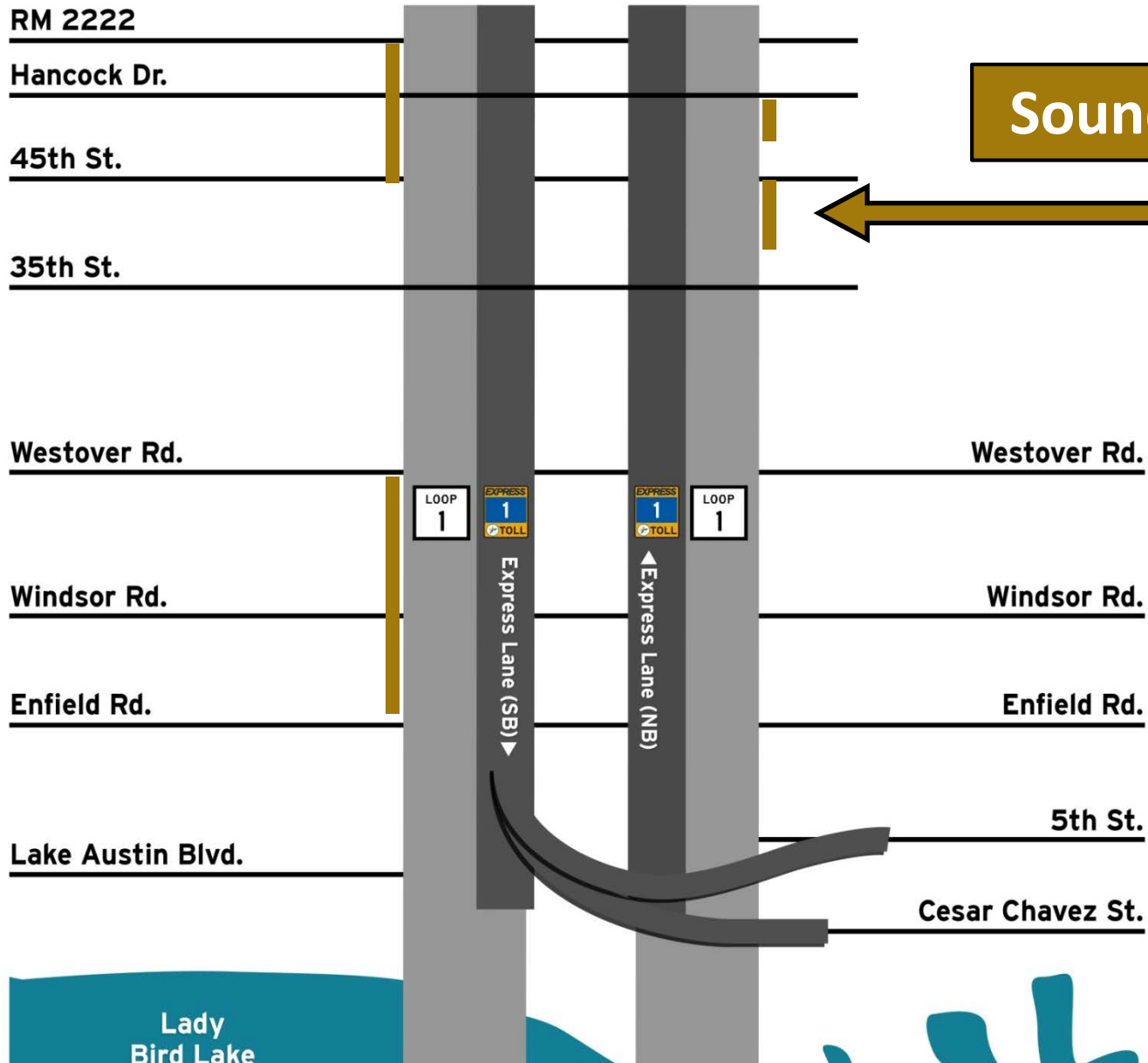


**Roadway
Widening**

Zipper Barrier



Section 3 & 4 – Cesar Chavez to RM 2222

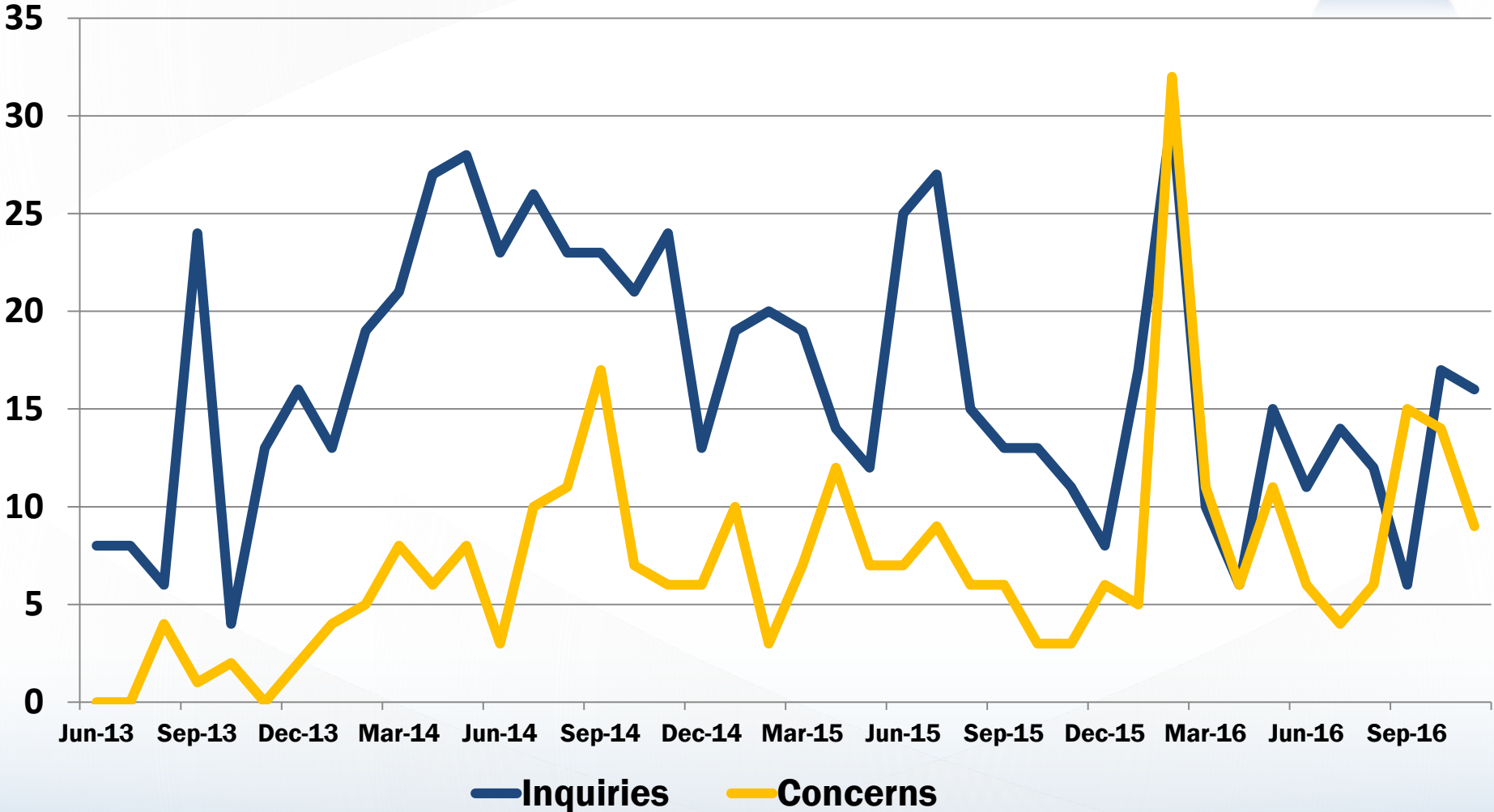


Sound Walls

Sound Walls



Customer Contact Trends



Project Milestones



- **Northbound Express Lane Opening**
 - Completed October 15th
- **Southbound Undercrossing Traffic Switch**
 - Completed November 5th
- **Northbound Undercrossing Traffic Switch**
 - Phase One Completed November 25th
 - Phase Two Anticipated Weekend of December 2nd
- **Completion of North End of Project**
 - Final southbound paving US 183 to RM 2222 - December 2016
- **All Express Lanes Open**
 - First half of 2017 – per latest CH2M schedule

Monthly briefing on the 183 South Project; City of Austin water/wastewater permitting status

Agenda Item #10

Justin Word, P.E., Director of Engineering

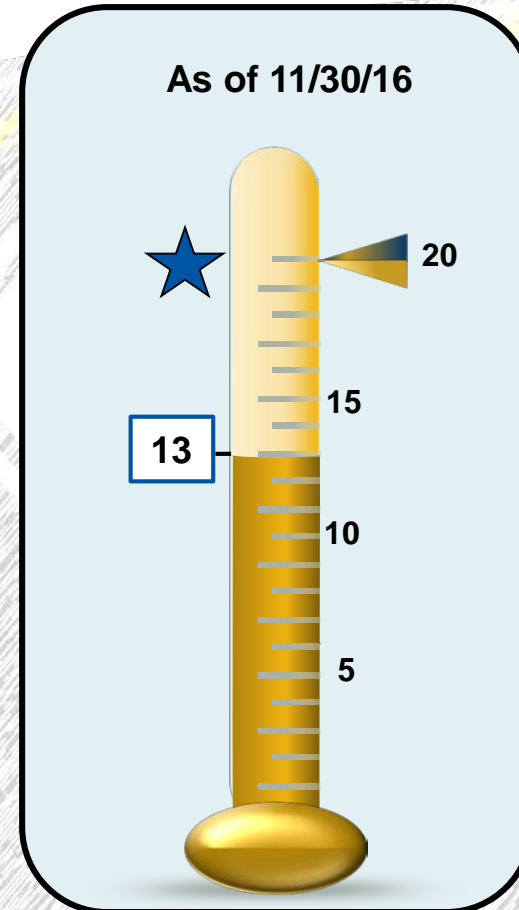
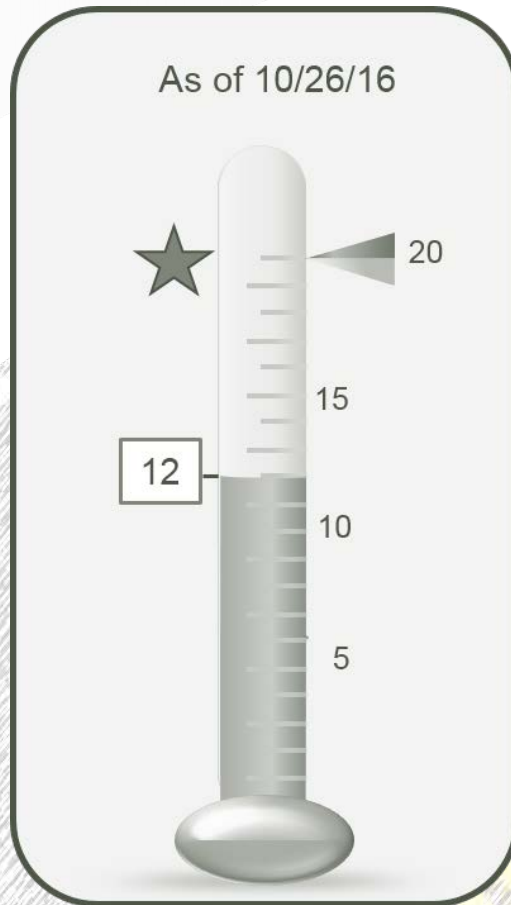
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Permitted Packages





Questions, Comments?

Executive Director's Report

A. Discussion regarding the development of the Mokan right-of-way

Agenda Item #11A

Mike Heiligenstein, Executive Director

November 30, 2016



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Executive Director's Report

B. Introduction of new employee

Agenda Item #11B

Mike Heiligenstein, Executive Director

November 30, 2016



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Executive Session

Agenda Items #12-14

November 30, 2016



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Reconvene in Open Session

November 30, 2016



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Adjourn Meeting

Agenda Item #15

November 30, 2016



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