

Regular Meeting of the Board of Directors



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

December 15, 2021

Welcome and opportunity for public comment



1

Bobby Jenkins
Chairman

CONSENT AGENDA

2. Approve the minutes from the November 17, 2021 Regular Board Meeting
3. Prohibit the operation of certain vehicles on Mobility Authority toll facilities pursuant to the Habitual Violator Program

2-3

Bobby Jenkins
Chairman

Regular Items

4-8

Bobby Jenkins
Chairman

Accept the financial statements for October 2021



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James Bass
Executive Director



**Most recent figures
to be presented at Board
Meeting**



Monthly Cash Flow Analysis

	Jul 2021	Aug 2021	Sep 2021	OCT 2021
Revenues				
Budgeted Gross Revenues ⁽¹⁾	12,547,917	12,547,917	12,547,917	12,547,917
Actual Operating Revenues	14,566,563	14,020,434	12,115,001	15,122,451
Interest Income + Misc Income	47,131	48,450	37,793	248,570
Total	14,613,694	14,068,884	12,152,794	15,371,021
O&M Expenses				
Budgeted cash Monthly O&M ⁽¹⁾	4,217,870	4,217,870	4,217,870	4,217,870
Actual cash O&M Expenses	3,861,567	2,970,202	3,471,303	3,458,314
Net Revenues Available for DS	10,752,127	11,098,682	8,681,491	11,912,707
Debt Service Transfers ⁽²⁾				
Interest	4,765,021	4,765,021	4,765,021	4,611,621
Principal	1,317,071	1,317,071	1,317,071	2,553,531
Total Required Debt Service Transfer	6,082,092	6,082,092	6,082,092	7,165,152
Revenues available after DS	4,670,035	5,016,590	2,599,399	4,747,555
Payment of RIF			5,000,000	
Deposit to TIFIA DSRFs	286,081	286,081	286,081	286,081
Excess Revenues	4,383,954	4,730,509	(2,686,682)	4,461,474
Unrestricted Fund Balance	146,430,107	146,386,023	154,860,462	153,136,085
General Fund	(998,969)	6,370,806	1,727,883	1,641,664
Grant Fund	159	163	147	282
MoPAC General Fund	298,211	190,166	(4,664,537)	157,932
MoPAC Operating Fund	56,306	87,987	72,816	17,585
71E Revenue Fund	715,594	817,885	772,730	561,300
CTRMA Operating Fund	(115,383)	1,007,432	366,583	(437,952)
Balance at End of Month	146,386,023	154,860,462	153,136,085	155,076,895
Board Policy Reserves				116,955,875
				38,121,020

1 Based upon FY 22 budget

2 Debt service transfers are 1/6th (Interest) and 1/12th (Principal) of the aggregate net debt service requirements

Discuss and consider an appeal by Parsons Neology Joint Venture of the Executive Director's protest determination regarding the selection of Electronic Transaction Consultants, LLC for award of a contract to provide electronic toll collection integration and maintenance services for the Mobility Authority



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Tracie Brown
Director of Operations

Discuss and consider approving a contract with Electronic Transaction Consultants, LLC to provide electronic toll collection integration and maintenance services for the Mobility Authority

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Tracie Brown

Director of Operations

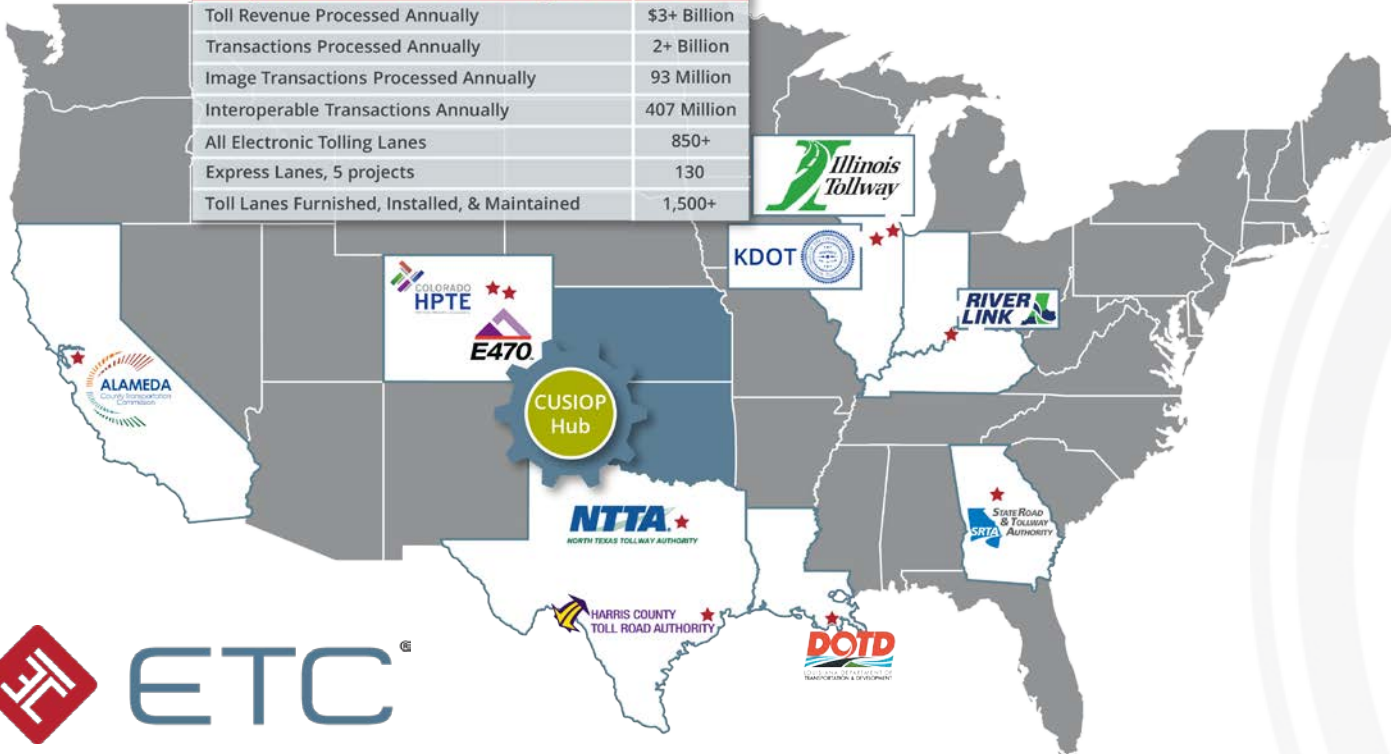


- » In late 2019 the Mobility Authority began the process to establish a contract with a toll system integrator to provide toll systems integration and maintenance services for the Authority's current and future toll facilities.
 - » Includes implementation of new toll systems to support the 183A Phase III and 183 North Mobility Project Express Lane projects as well as the future replacement of existing facilities.
- » In October 2021 the Board approved staff's recommendation to award the procurement to Electronic Transaction Consultants (ETC).
- » Today's action provides approval of a contract with the recommended vendor.



About Electronic Transaction Consultants, LLC (ETC)

Systems and/or Services by ETC	Totals
Toll Revenue Processed Annually	\$3+ Billion
Transactions Processed Annually	2+ Billion
Image Transactions Processed Annually	93 Million
Interoperable Transactions Annually	407 Million
All Electronic Tolling Lanes	850+
Express Lanes, 5 projects	130
Toll Lanes Furnished, Installed, & Maintained	1,500+



- » Founded in 1999
- » Service portfolio includes roadside solutions, back-office solutions and operations
- » Provides services for three (3) of the top fifteen toll authorities in North America including the Central US interoperability hub which processes the Authority's tag transactions



- » **Agreement Term.** The initial term of the Agreement is six (6) years with an option for two (2) successive two (2) year renewal terms, subject to approval of the Mobility Authority's Board of Directors.
- » **Satisfactory Performance.** The Agreement includes financial consequences for failure to adhere to specified Service Level Agreements (SLAs).
- » **Revenue Assurance.** The Agreement also obligates the Contractor to make payment to the Authority of all lost revenue and other direct damages associated with the loss, including payments made to the Authority's third-party vendors.



- » **Non-revenue Damages.** The Agreement compels the Contractor to make payment to the CTRMA for any costs incurred by the CTRMA to complete and/or correct the work for which the Contractor failed to perform.
- » **Performance Bonds.** Payment bonds are required to secure the Contractor's obligations in providing the Services as well as to ensure adequate compensation for any loss of revenue incurred by the CTRMA.
- » **The total cost for this Agreement is not to exceed \$79,720,455.00.**
 - » Include all toll collection system installation and maintenance services for new projects as well as existing projects as they are replaced in the future.
 - » Includes a 10% project contingency to cover unforeseen events such as extended testing efforts, new requirements, additional scope, etc.



- » **Staff recommends approval of the contract execution with Electronic Transactions Consultants, LLC (ETC) to provide toll systems integration and maintenance services of the Electronic Toll Collection System (ETCS) for the Mobility Authority's current and future toll facilities.**

- » **Next steps:**
 - » Prepare for Project Initiation
 - » Debrief with unsuccessful proposers

Discuss and consider approving an agreement with Southwest Research Institute for the development, integration, maintenance, and support of the Lonestar advanced traffic management system

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Greg Mack

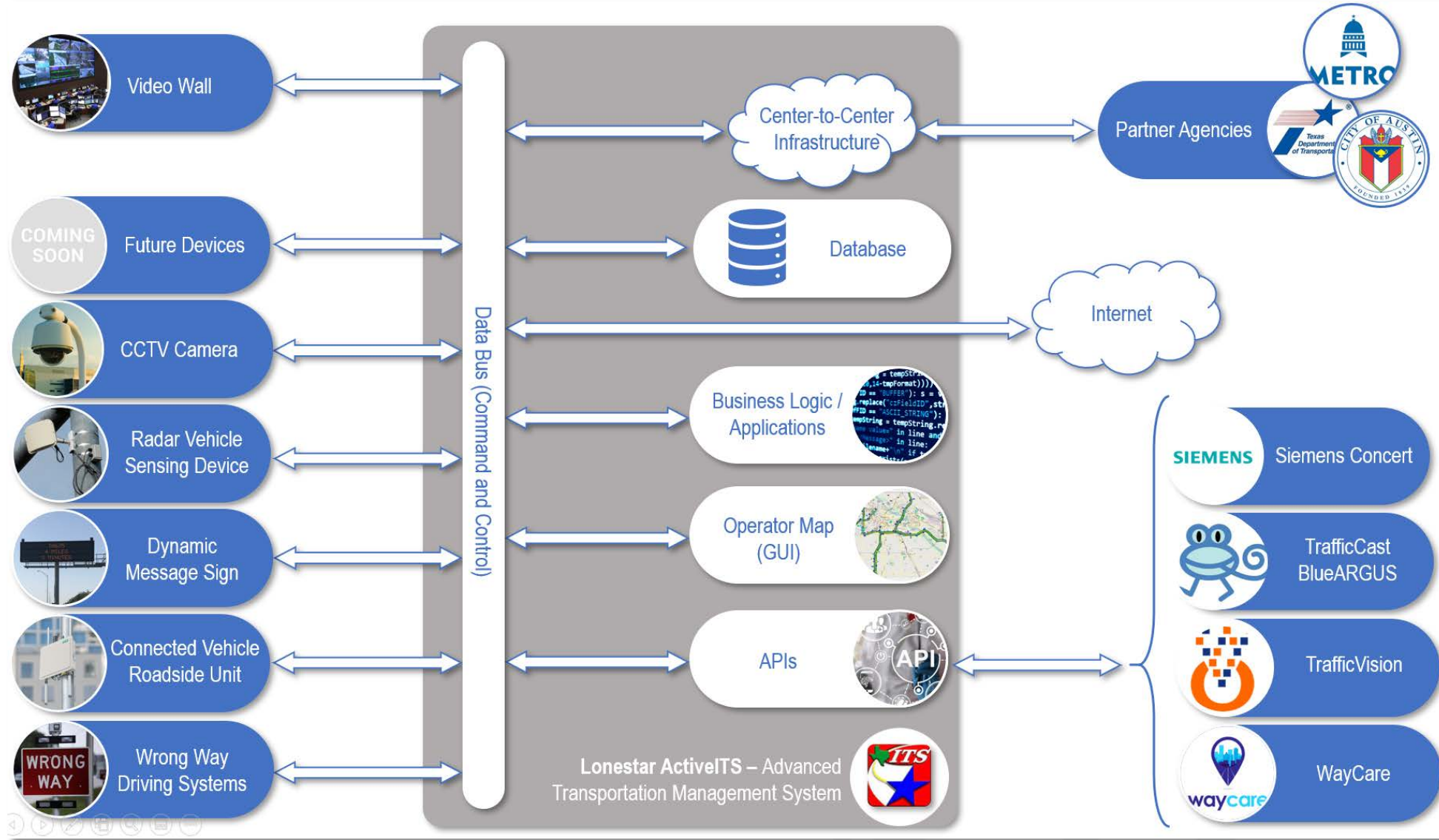
Assistant Director of IT & Toll Systems



- » **Project Description:** Continue development, integration and maintenance of the Lonestar ActiveITS Advanced Traffic Management System (ATMS) software developed by Southwest Research Institute to actively monitor and operate roadways in real-time from the Traffic Incident Management Center (TIMC)
- » **Limits:** All Mobility Authority roadways
- » **Total Project Cost:** Not to exceed \$2,000,000
- » **Term:** An initial 5-year term, with two (2) two-year automatic renewal periods and one (1) one-year optional renewal period



Lonestar ActiveITS ATMS Software



High-Level Lonestar ActiveITS Architecture



» Present Status:

» Lonestar ActiveITS ATMS Phase IA –
COMPLETE

» Project included:

- Implementation of standard Lonestar ActiveITS code base
- Integration of a handful of field devices for testing purposes (*e.g.*, 2 – Cameras, 1 – Travel Time Sensor, 1 – DMS)
- Established center-to-center (C2C) with TxDOT





» Next Steps

- » Phase IB – integrate remaining field devices and systems into one singular system – **APPROXIMATELY 5% COMPLETE**
 - Cameras; Dynamic Message Signs (DMS), Travel Time Sensors; Wrong Way Driving Systems; Connected Vehicle Roadside Units
 - Video Wall (TIMC)
- » Annual Maintenance and Web-Hosting
 - Provide preventative and emergency maintenance services to upkeep existing and future deployments of Lonestar ActiveITS software (per annum)
 - Support Amazon Web-Hosting services and maintain subscription services (per annum)



- » **Staff recommends approval of an Agreement with Southwest Research Institute (SwRI) for the development, integration, maintenance, and support of the Lonestar advanced traffic management system**

**Discuss and consider approving
Amendment No. 3 to the Interlocal
Agreement with the City of Austin
for the return of unexpended
betterment funds related to the 183
South Project**

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Mike Sexton, P.E.

Acting Director of Engineering

Briefings and Reports

Executive Director Board Report

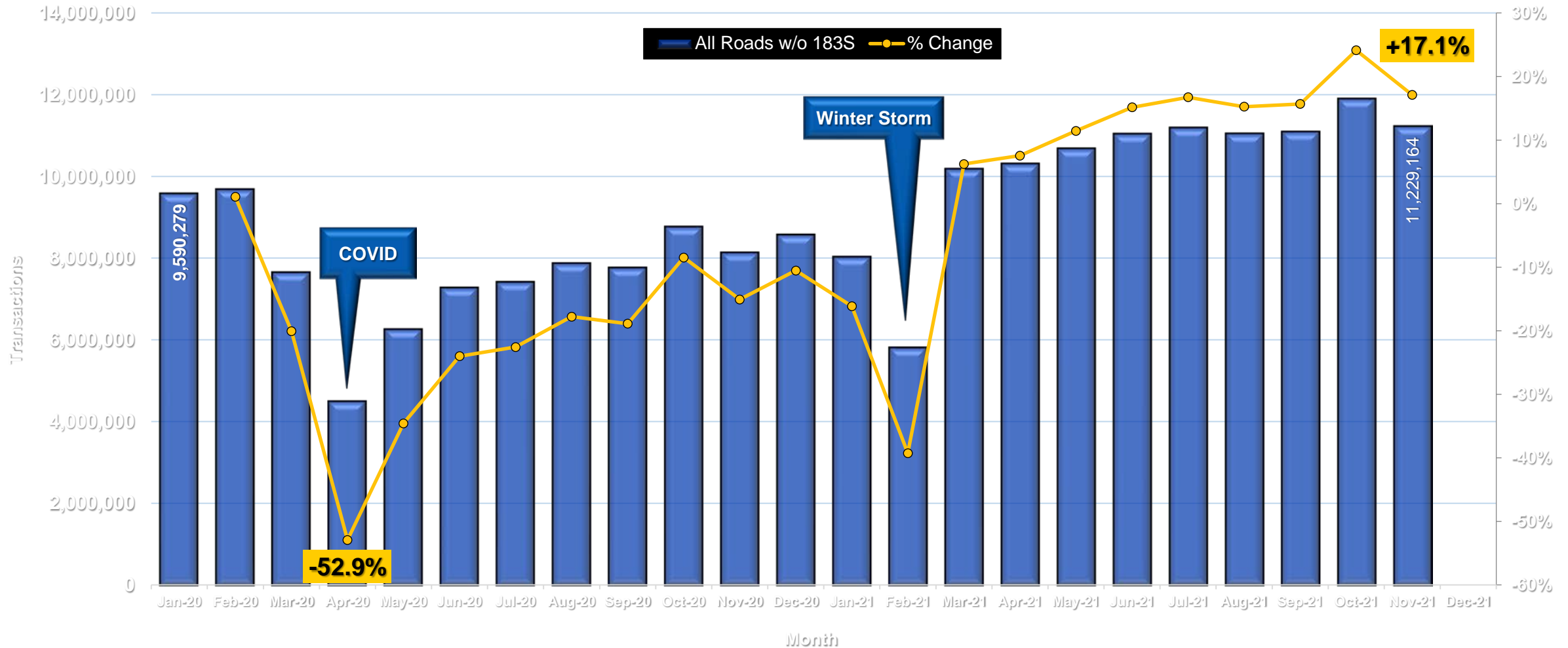
- A. Agency performance metrics
- B. New employee introductions

9 A-B

James Bass
Executive Director

Monthly Transaction Trend (All Roads w/o 183 South)

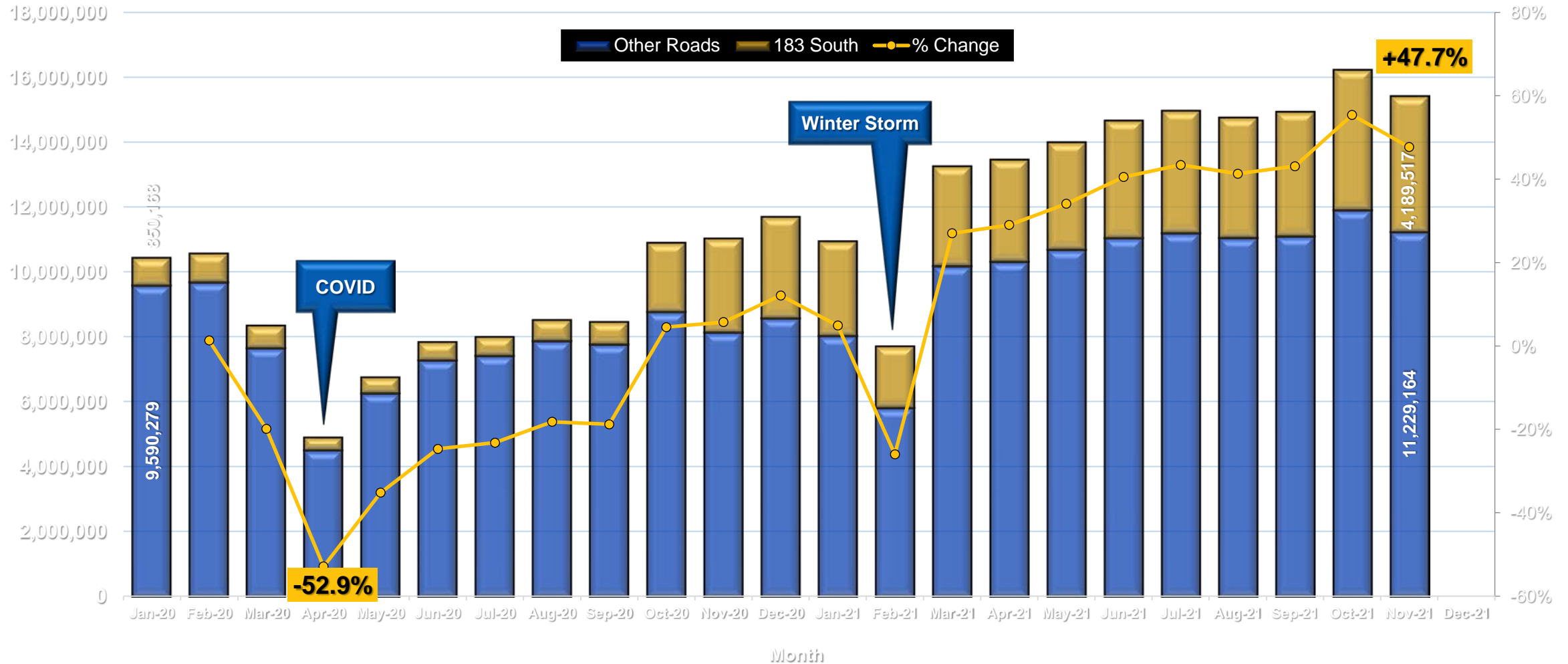
Percent Change Compared to January 2020



Includes MoPac transactions (not trips)

Monthly Transaction Trend (All Roads)

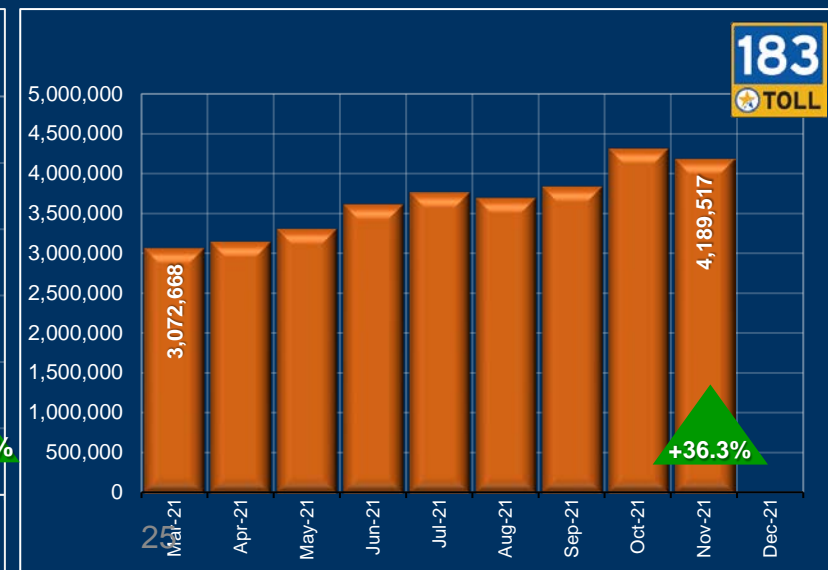
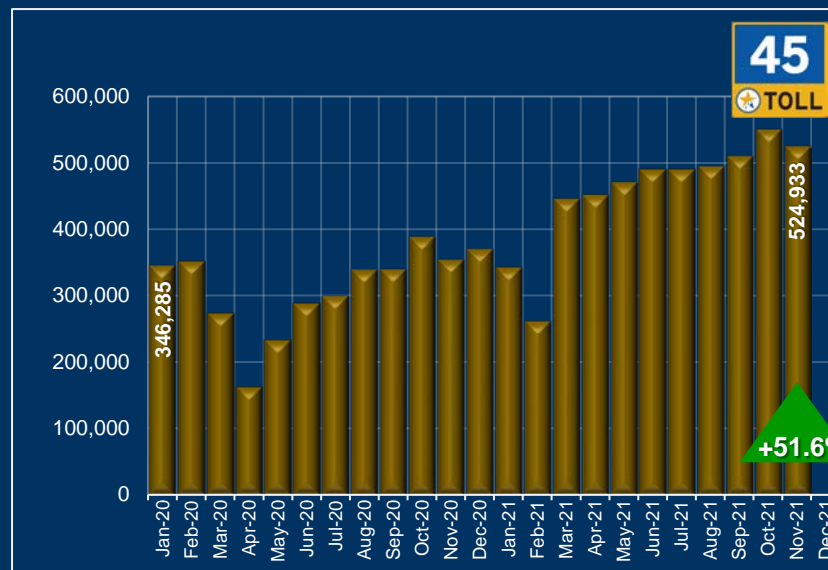
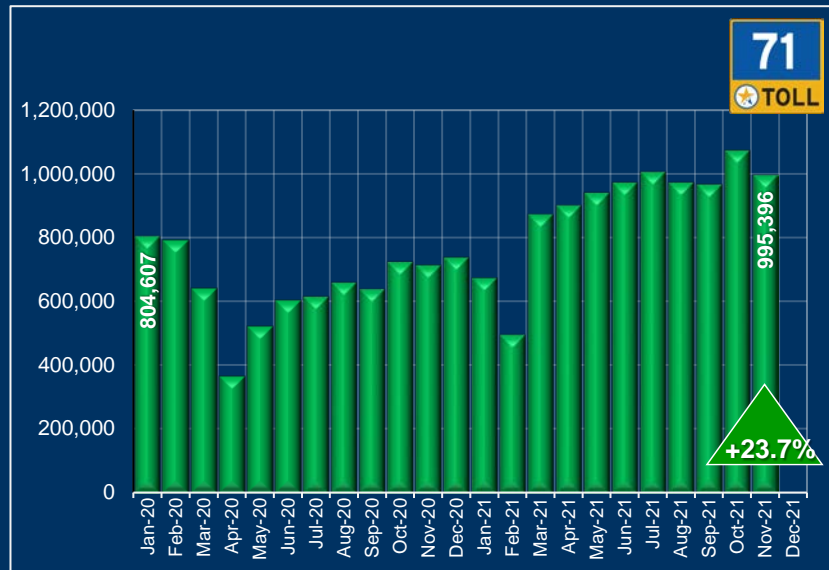
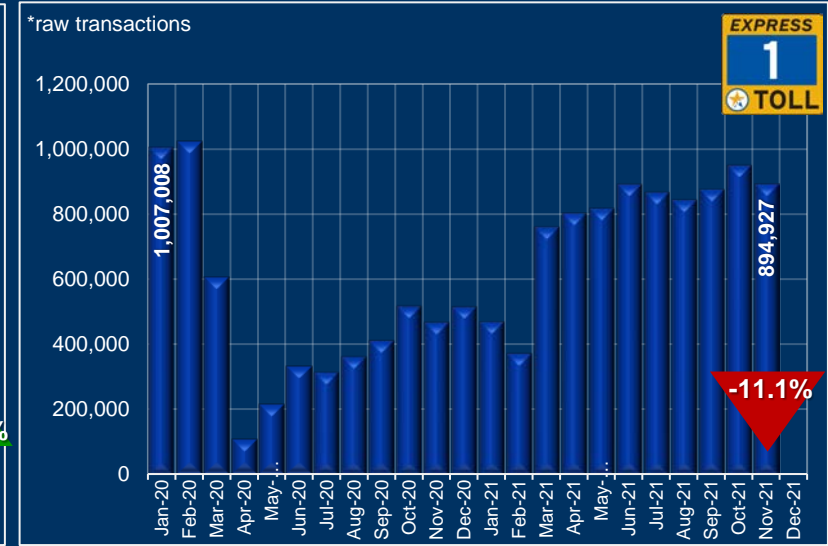
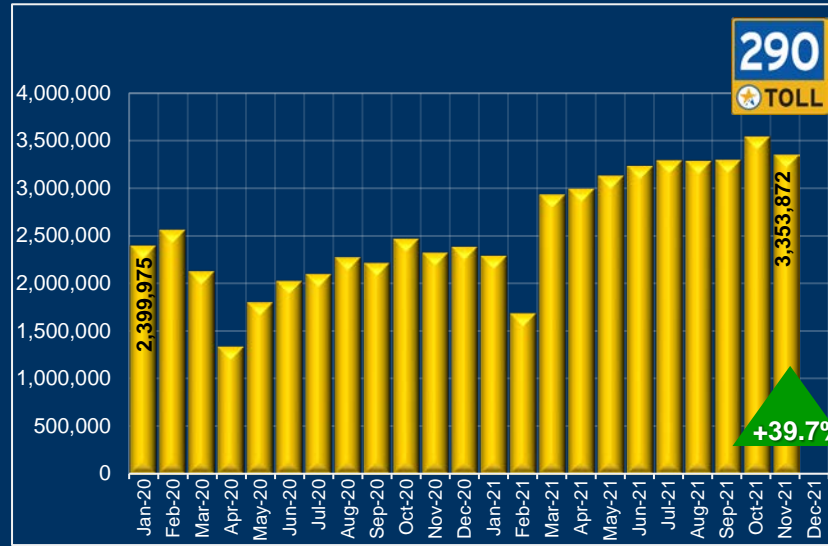
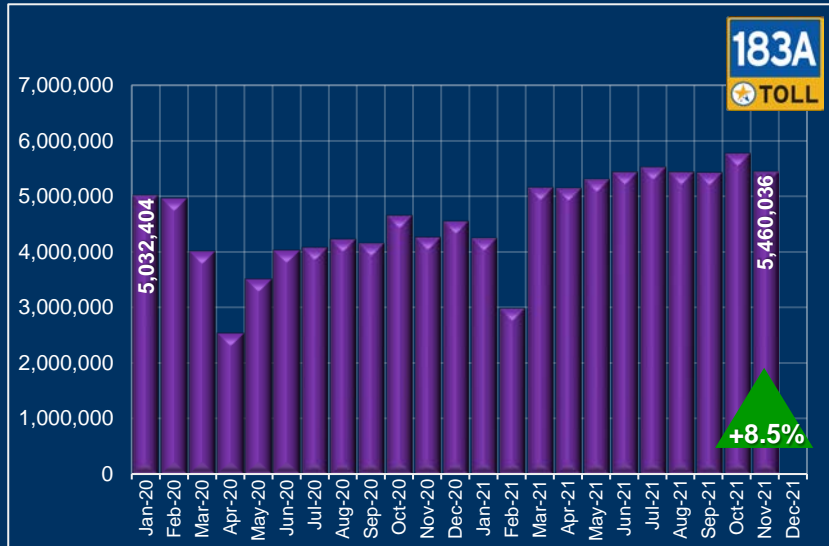
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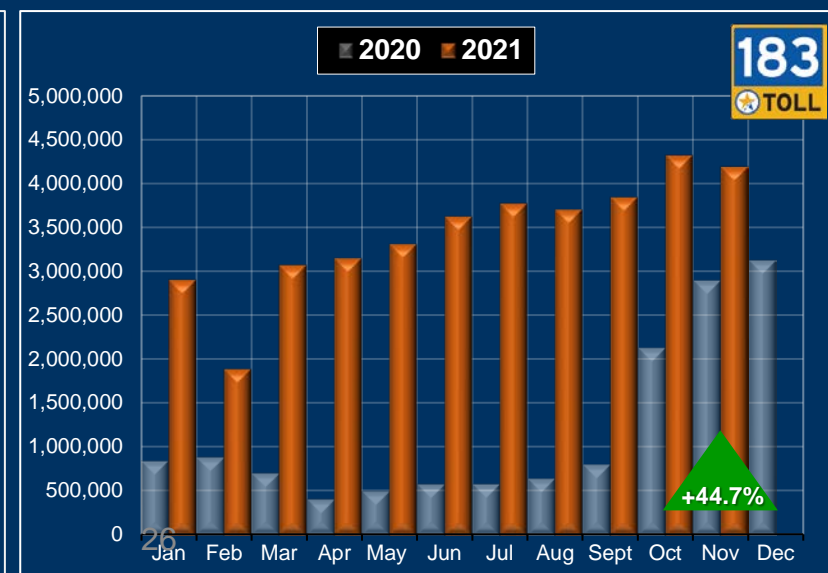
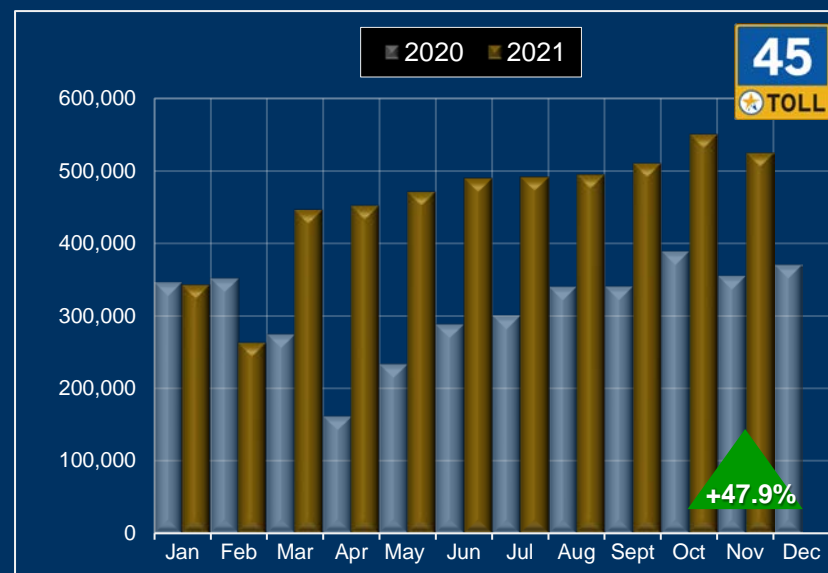
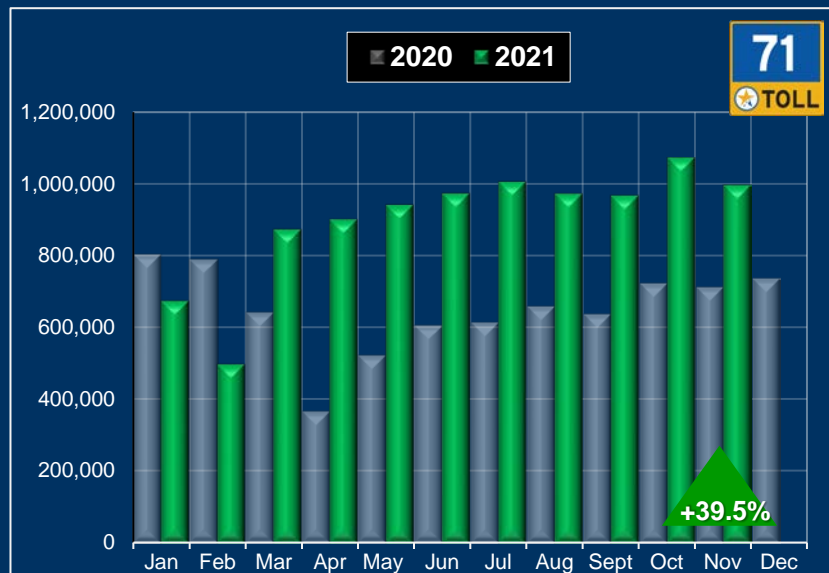
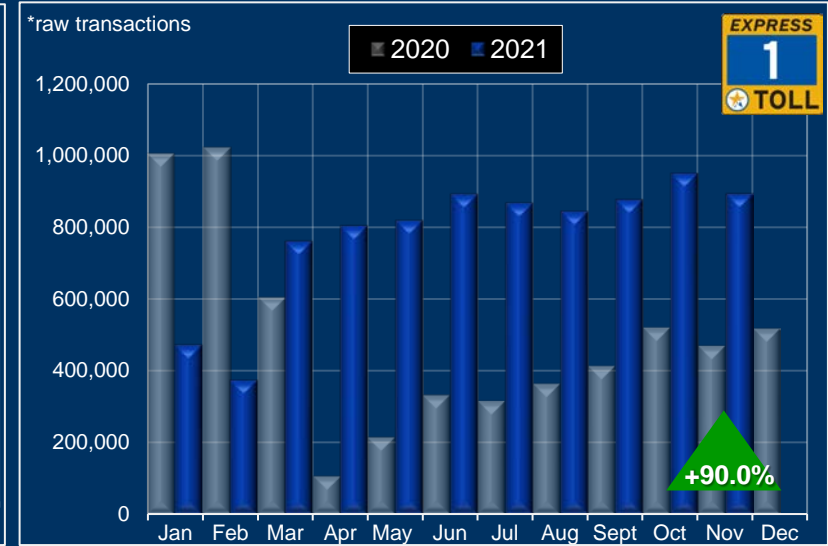
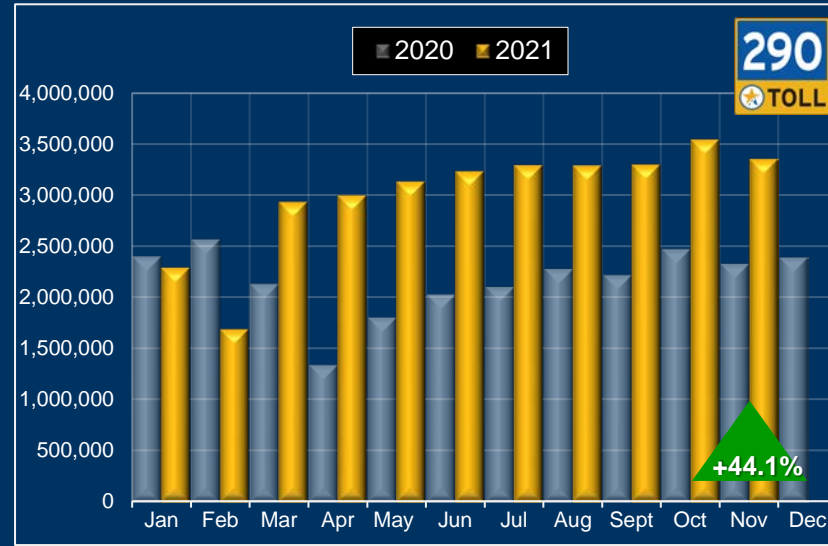
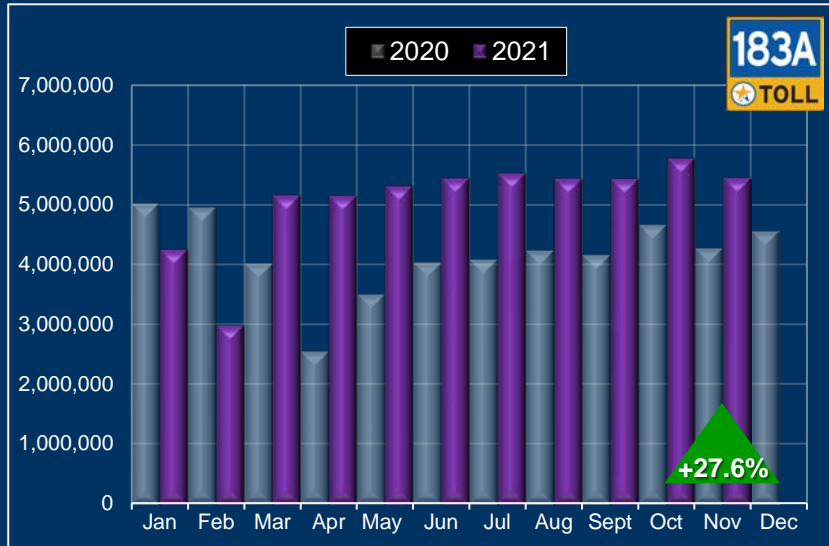
Monthly Transaction Trend by Roadway

(Percent Change Compared to January 2020)



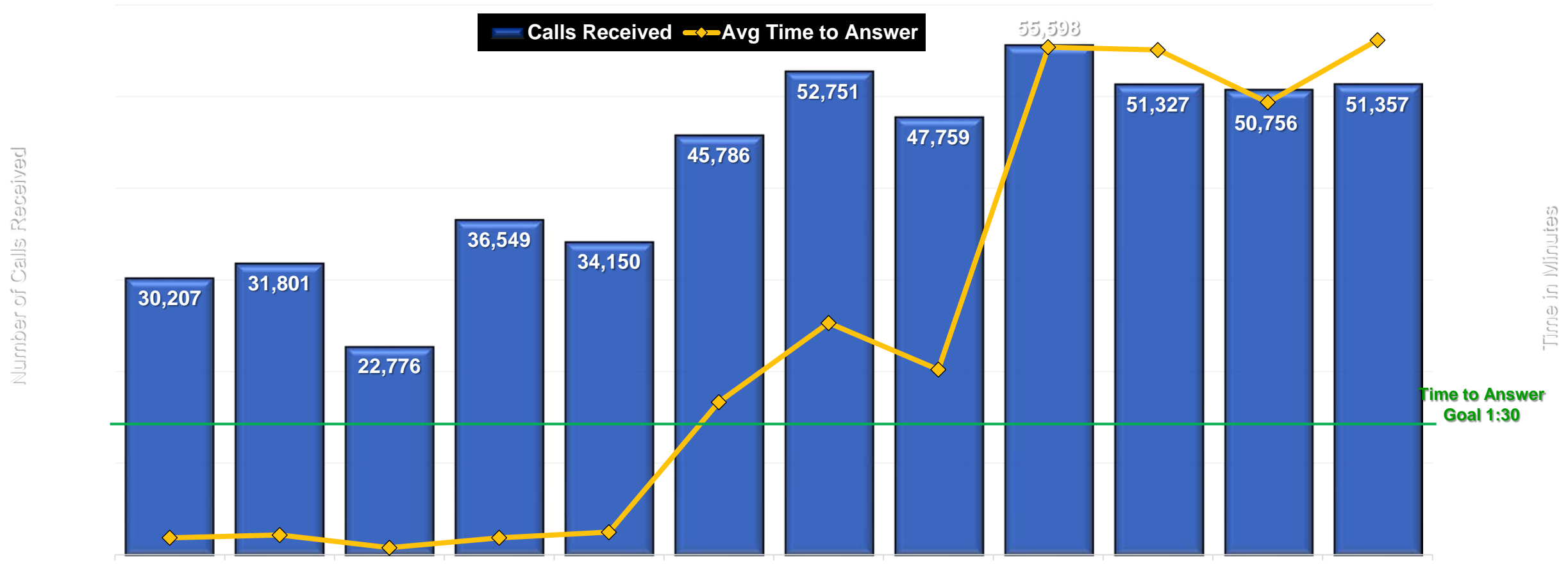
Monthly Transaction Trend by Roadway

(Percent Change over November 2020)

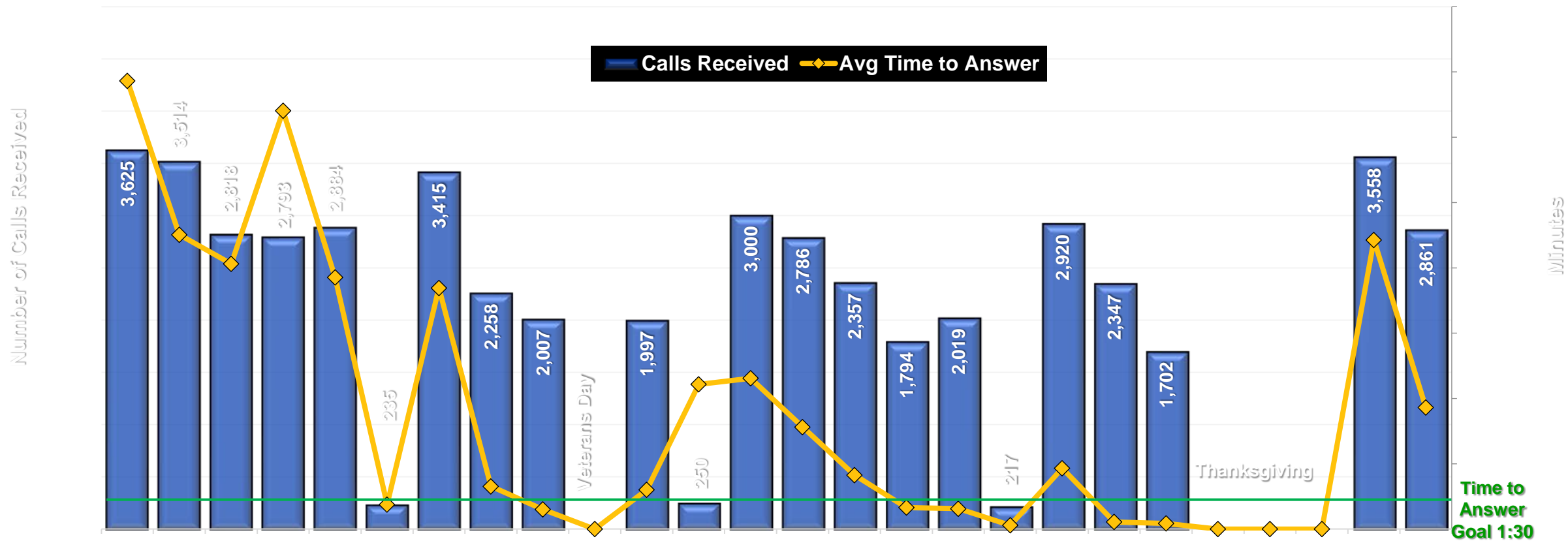


New sections of 183 South opened between October 2020 and March 2021

Call Center Performance (Past Year)

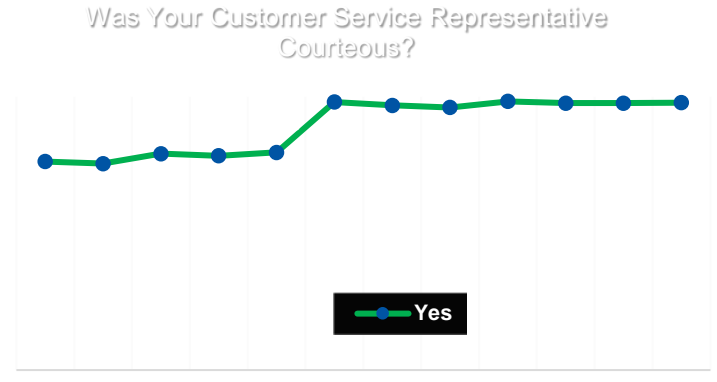
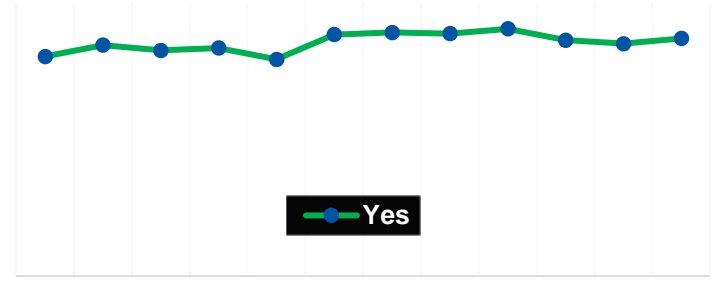
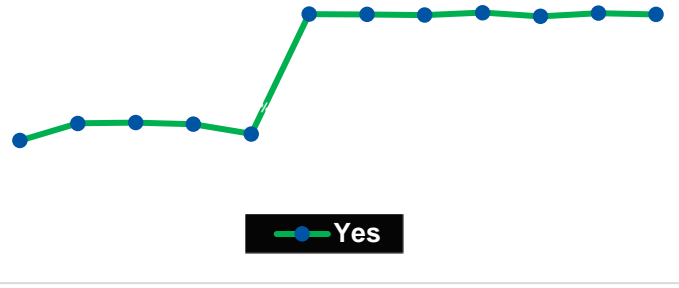
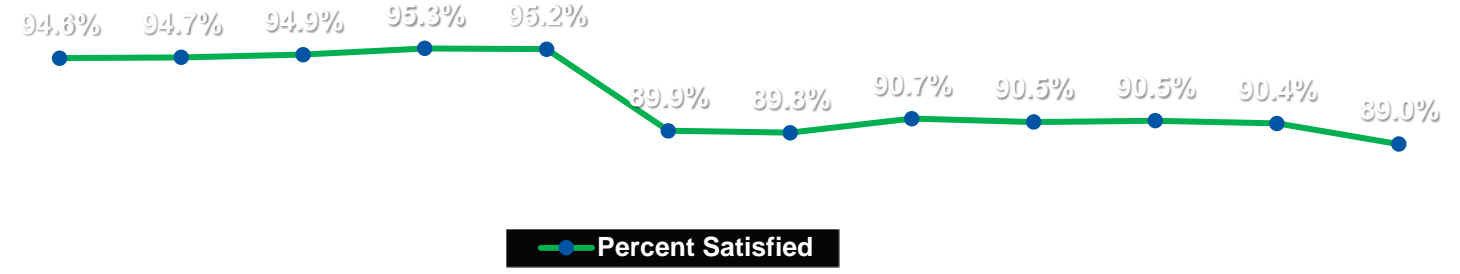


Call Center Performance (Nov 2021)



Call Center Customer Satisfaction

How satisfied are you with the overall service today?



Briefings and Reports

Executive Director Board Report

- A. Agency performance metrics
- B. New employee introductions

9 A-B

James Bass
Executive Director



New Employee Introductions



Emily Gauci

February 2020

*Communications
Specialist &
Media Relations*



Ruben Oseguera

February 2020

*Senior Roadway
Facilities
Maintenance
Coordinator*



Cory Bluhm

June 2020

*Toll Systems
& IT Manager*



Priscilla Nicholson

June 2021

*Accounts Payable
Specialist*

Executive Session

Please remain seated and quiet while the Executive Session agenda is read into the record.

10. 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)
11. Discuss legal issues relating to procurement and financing of Mobility Authority transportation projects, as authorized by §551.071 (Consultation with Attorney)
12. Discuss personnel matters as authorized by §551.074 (Personnel Matters)



10-12

Bobby Jenkins
Chairman

Adjourn Meeting

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Bobby Jenkins
Chairman

Regular Meeting of the Board of Directors



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

December 15, 2021

CONSENT AGENDA BACKUP MATERIALS



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Prohibit the operation of certain vehicles on Mobility Authority toll facilities pursuant to the Habitual Violator Program



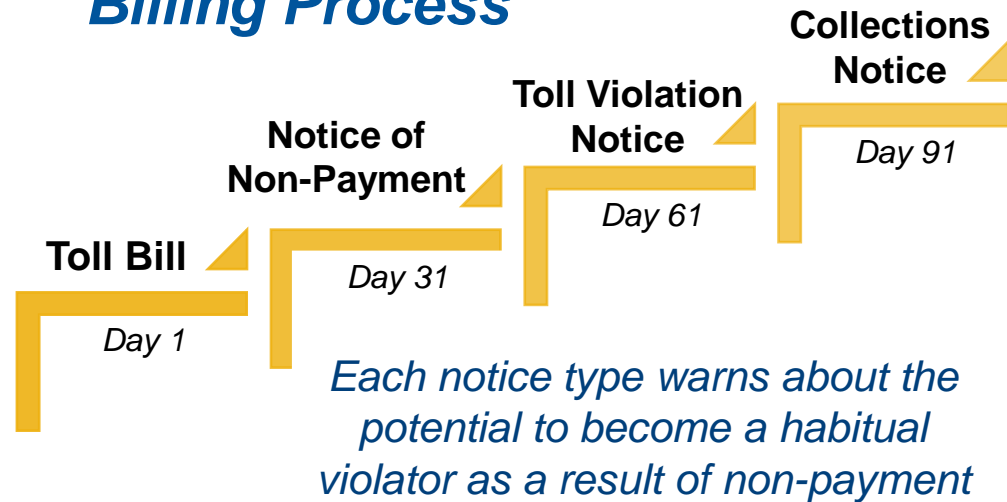
CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Tracie Brown

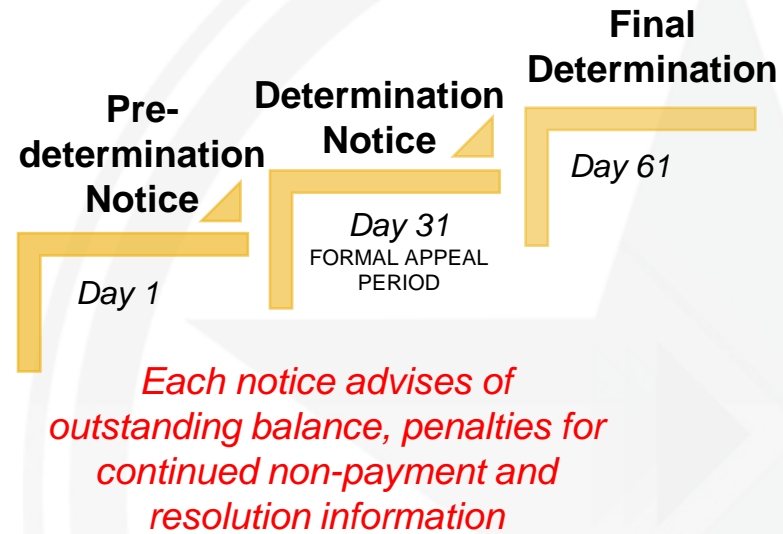
Director of Operations



Pay By Mail Billing Process



Habitual Violator Process



OUTCOMES

1. Vehicle Registration Renewal Block
2. Notice of Vehicle Prohibition
3. On-road Enforcement





» Approve a *Vehicle Prohibition Order* for the identified habitual violator customers

» Number of prohibited vehicles: 507

» Total number of unpaid tolls: 306,533

- Average number of outstanding tolls per vehicle: 605
- Average unpaid balance: \$1,682.93

» Next Steps

» Customers will receive *Prohibition Order* by mail

» Customers found to be in violation of prohibition are subject to warning, citation with up to \$500 fine and / or vehicle impoundment