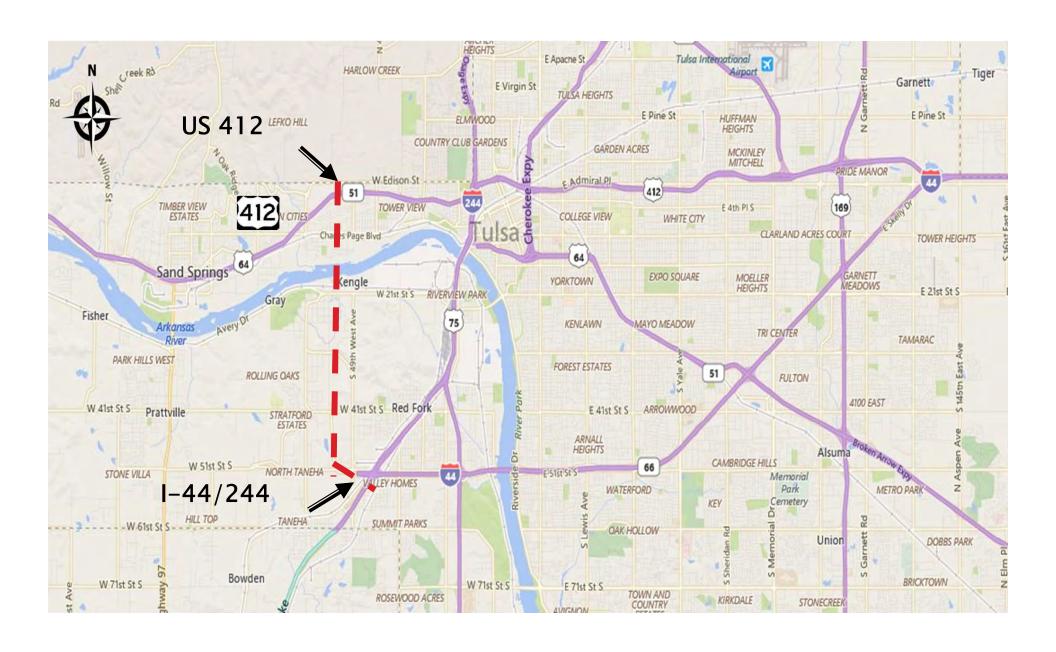
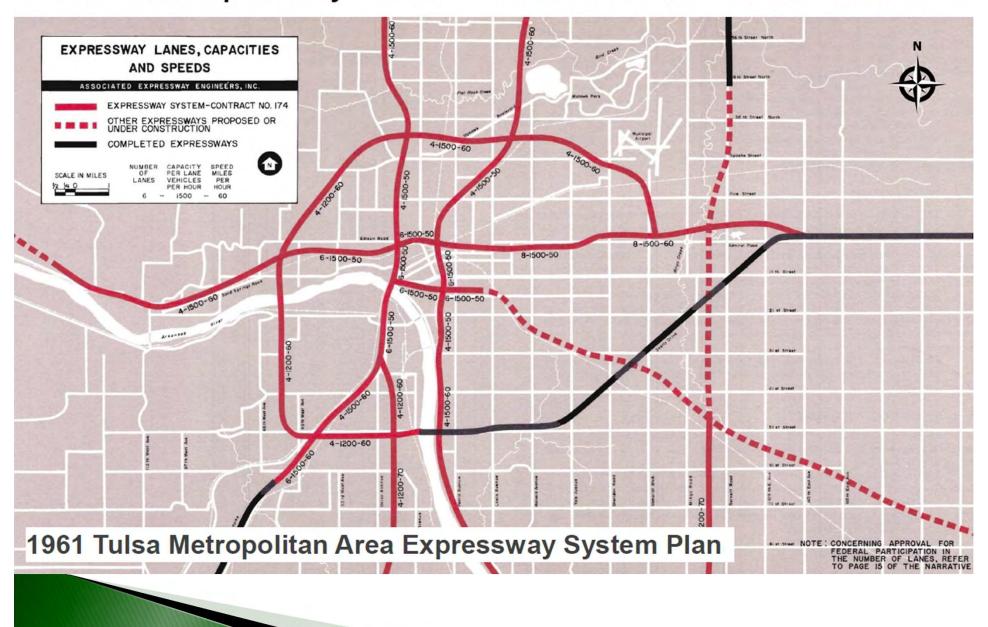


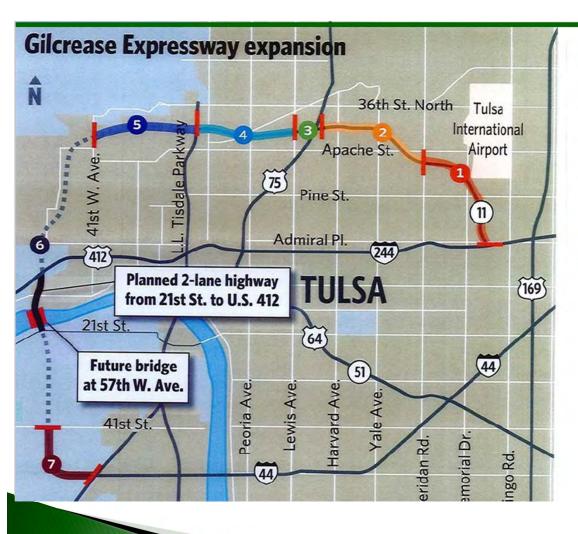
## Gilcrease Expressway



#### Gilcrease Expressway Has Been Included in Area Plans since the 1960s



### **Construction History**



- From I-244 to Sheridan Road. 2.4 miles. Completed 1970.
- Sheridan Road to US 75. 2.7 miles. Completed 1988.
- Full interchange reconstruction to Lewis Avenue. 0.5 miles. Completed 2001
- 4 Lewis Avenue to L.L. Tisdale Parkway. 2.3 miles. Completed 2008.
- From L.L. Tisdale Parkway to 41st West Avenue. 2.3 miles. Construction started in early 2010 and will be completed by spring of 2013.
- 6 From 41st West Avenue to 41st St. South. 6.7 miles.
- From 41st St. South to I-44 at 51st St. South. Now consists of two-lane road on a four-lane right-of-way. 2 miles. Completed by late 1980s

Approximately Half of the Gilcrease Expressway has Been Constructed Since the 1960s

#### Key Milestones To Date

| 04/19/10 | Gilcrease Expressway added to authorized Authority turnpikes by State Legislature                 |
|----------|---------------------------------------------------------------------------------------------------|
| 3/28/17  | Authority adopts a resolution to complete the Project and accept right-of-way from City of Tulsa  |
| 1/2/18   | RFI issued                                                                                        |
| 5/22/18  | Authority accepts Public Sector Comparator and authorizes Project to be procured as Build-Finance |
| 5/30/18  | ODOT GARVEEs issued                                                                               |
| 6/1/18   | Authority submitted TIFIA Letter of Interest                                                      |
| 3/12/19  | Approval of Gilcrease NEPA Reevaluation                                                           |
| 4/17/19  | Final Request for Proposals with Draft Project Agreement issued to shortlisted Proposers          |
| 7/23/19  | Approval of Project Company AECOM/Duit                                                            |
| 10/23/19 | Authority submitted TIFIA Application                                                             |
| 1/15/20  | Authority and Project Company executed Project Agreement                                          |
| 1/30/20  | Project Company closed on \$125M Private Activity Bonds                                           |
| 5/8/20   | Authority received approval of \$120M TIFIA Loan                                                  |

#### Financial Commitments to the Project

 The financial commitments of state and local stakeholders will make the Gilcrease a reality



Acquired ROW and financed preliminary engineering activities

klahoma Department of Transportation
Issued GARVEE bonds with approximately \$71 million of proceeds available for Project costs

Indian Nations Council of Governments



The Authority

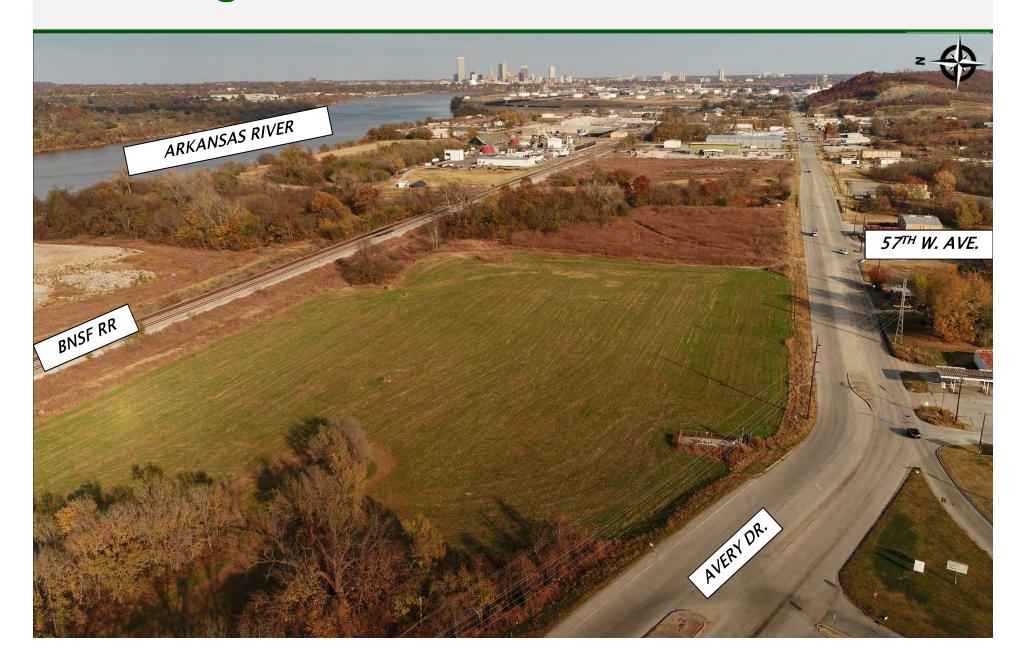


- Committed to contributing System General Funds to pay a portion of construction costs
- Secured an allocation of Private Activity Bond cap to lower interim financing costs
- Obtained a TIFIA Loan from USDOT for a portion of construction costs
- Committed to contributing up to \$4 million per year as additional credit for the TIFIA Loan
- The OTA Board approved procuring the Project as a Build-Finance, the first of its kind in Oklahoma
  - The private sector is responsible for constructing the Project and providing \$125 million of interim financing during construction
  - OTA will own and operate the Project at all times

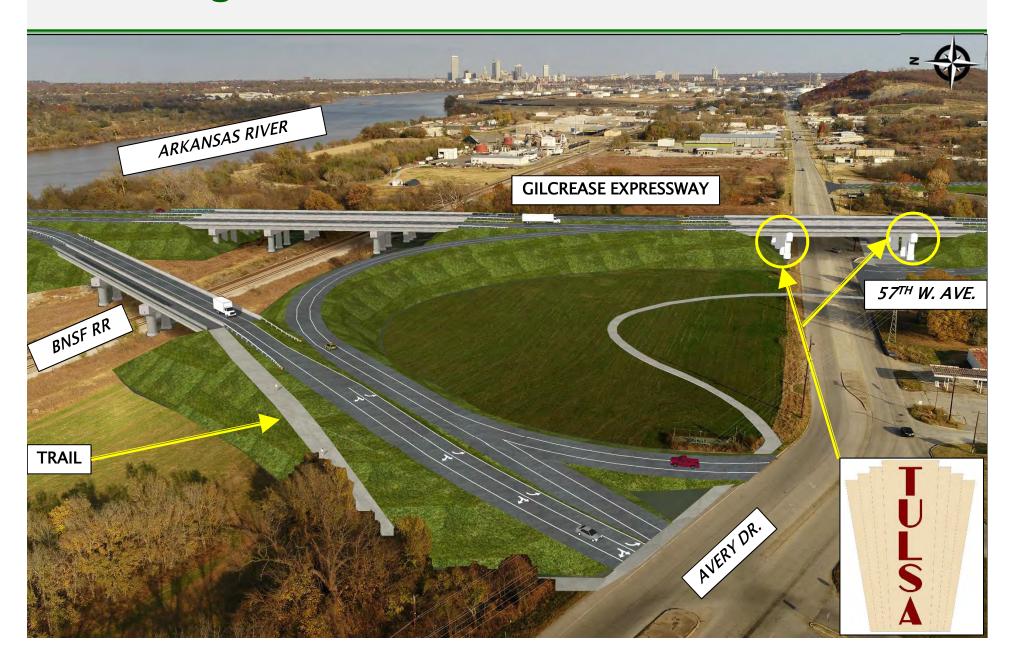
#### Milestones

| 1/15/20   | Authority and Project Company executed Project Agreement (Construction Begins) |
|-----------|--------------------------------------------------------------------------------|
| 1/30/20   | Project Company closed on \$125M Private Activity Bonds                        |
| 5/8/20    | Authority received approval of \$120M TIFIA Loan                               |
| Summer 20 | Contractor to begin closing area streets                                       |
| Summer 20 | Begin installing drilled shafts for 22 bridges                                 |
| Summer 20 | Build river crossing                                                           |
| Fall 20   | Begin interchange work                                                         |
| 2021      | Continued Construction                                                         |
| Fall 2022 | Finish Construction                                                            |

#### Design Overview – W. 21<sup>st</sup> Street



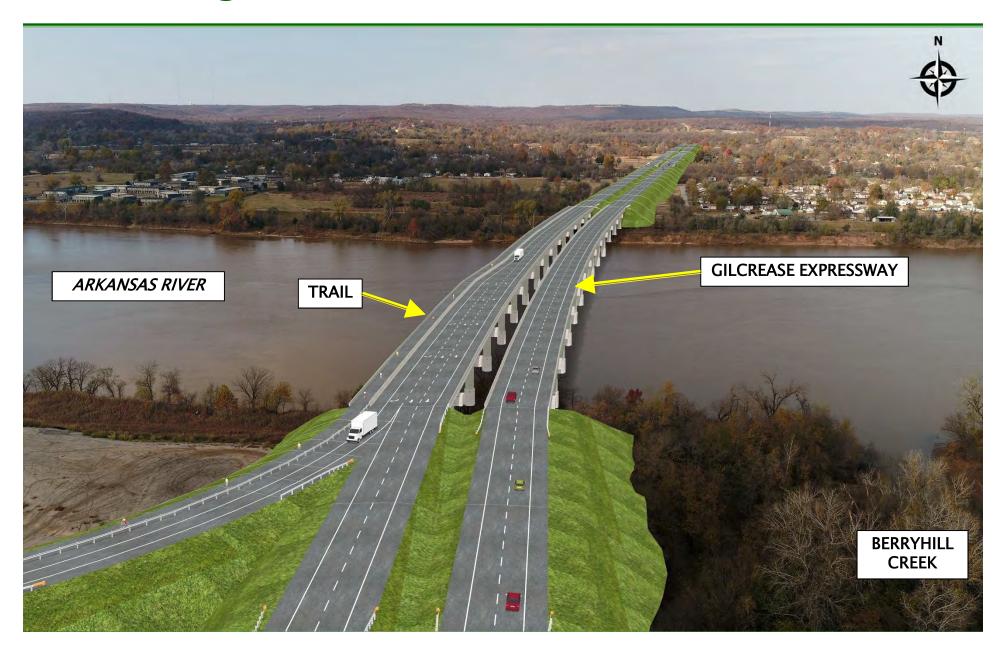
#### Design Overview – W. 21<sup>st</sup> Street



#### Design Overview – Arkansas River



#### Design Overview – Arkansas River



# Gilcrease Completion

- Fall 2022
  - Estimated toll around \$2

## OCTOBER 29, 2015 \$1.1 Billion PROGRAM

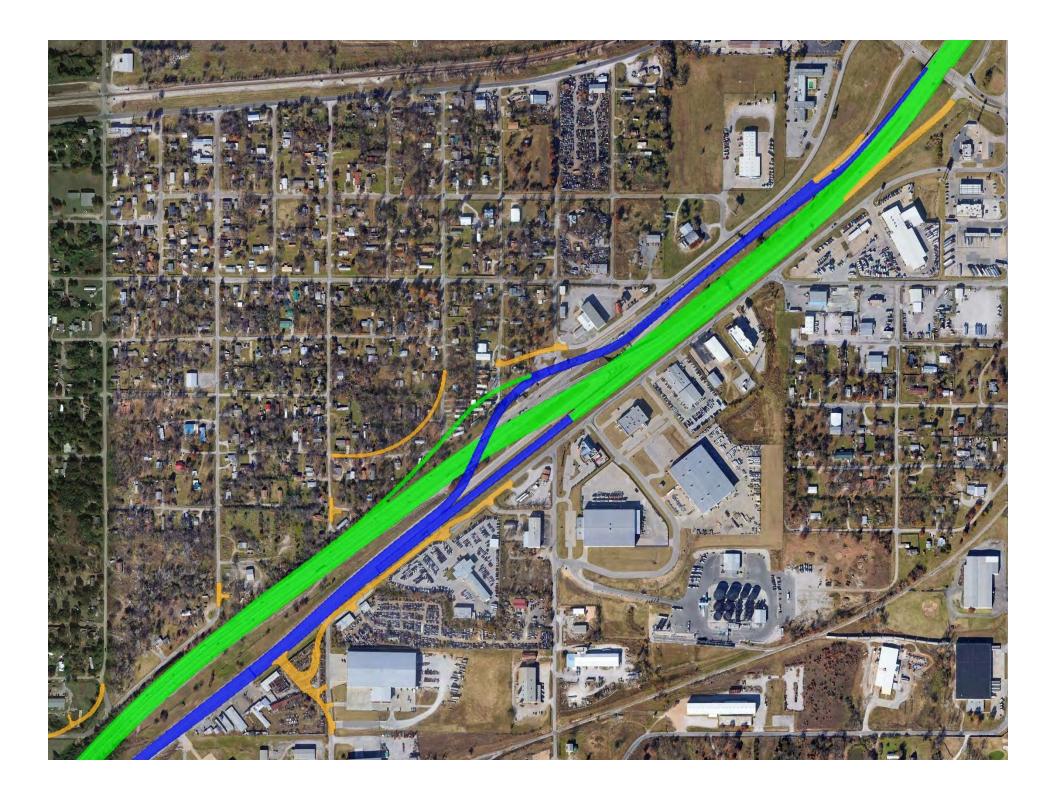
# DRIVING FORWARD

INVESTING IN OKLAHOMA'S FUTURE

DrivingForwardOK.com

#DrivingForwardOK

# **Projects** TULSA **Toll Roads** Gilcrease Expressway Northeast OK County Loop Muskogee Turnpike HE Bailey Turnpike Turner Turnpike Southwest Kilpatrick Extension



# Turner at SH-66 Interchange



# Kickapoo Turnpike

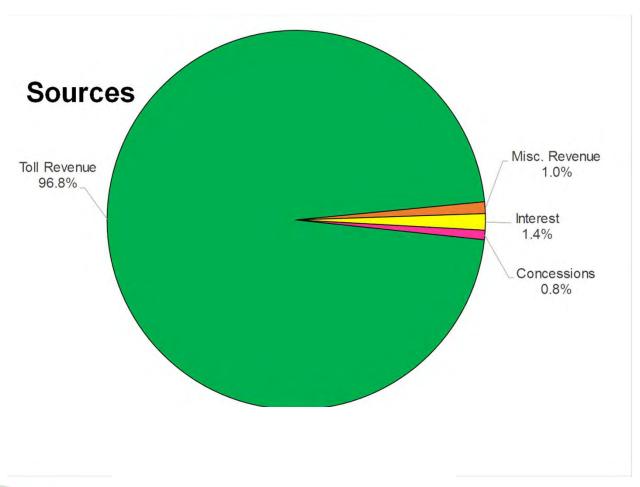
- ▶ Began Construction 2018
- Estimated Completion?????



**Cashless Tolling** 

(A Complete Revenue Model Change)

#### Revenue Sources



Almost 40% comes from out of state motorists

# OTA - Tolling Methods



# PIKEPASS



# Cash Tolling



- Since 1953 (67 years)
- 155 coin machines
- Numerous toll booths & collectors





# Cash Tolling



Pros



- Cons
  - Digging for coins
  - Traffic back ups
  - Have to stop
  - Unsafe
  - Merge with high speed traffic
  - Maintenance
  - Inconvenient

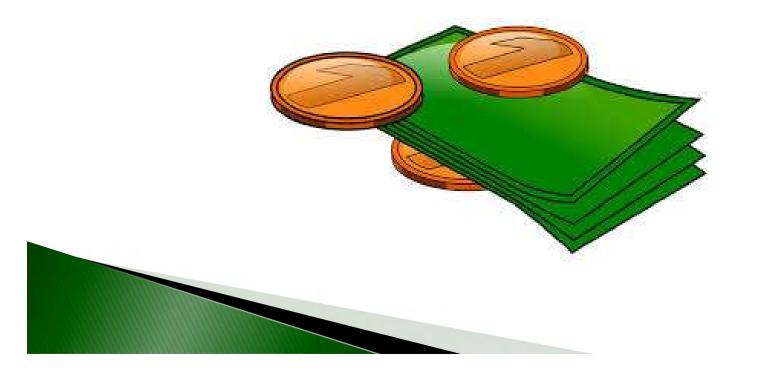






#### Cash Transactions 2019

# \$39.2 Million

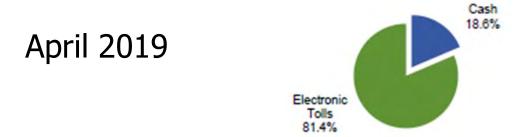


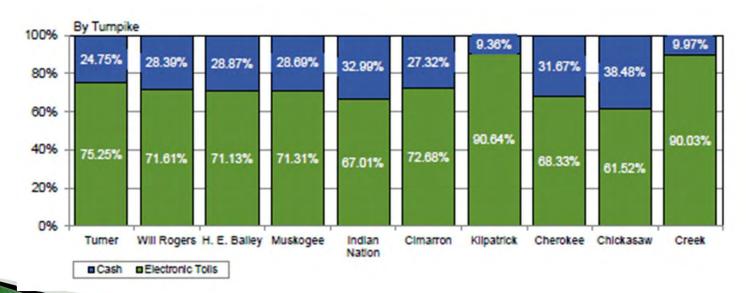
#### **PIKEPASS**

- Implemented in 1991
- 15,000 signed up in first year
- 852,443 accounts
- 1.9 million tags in use
- Rates are 10% lower than cash
- Pikepass half the price of Platepay
- 141 Million Transactions in 2019



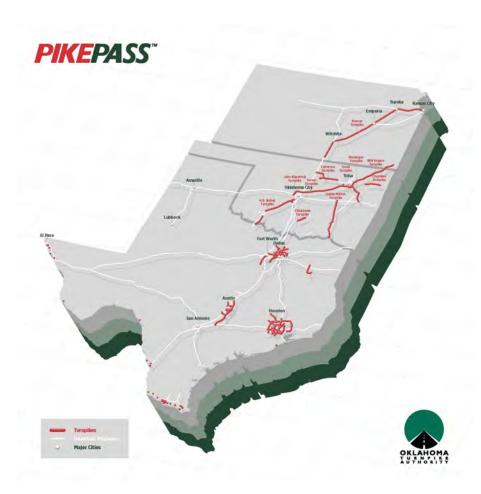
### Pikepass vs Cash





# Interoperability

- Kansas and Texas
- Currently working to become interoperable with even more states
- 1.6 Million Kansas Transactions in 2019
- 4 Million Texas Transactions in 2019



#### Tolling Across the Country

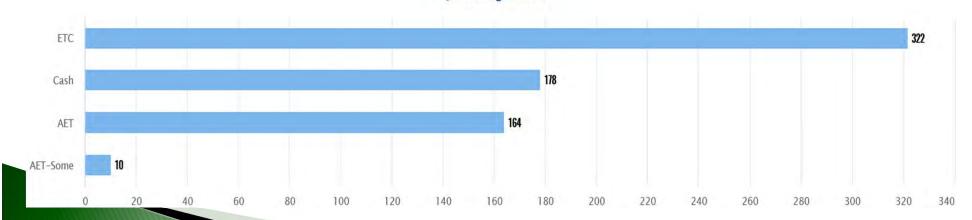


#### Tolling Across the Country





by # of Tolling Facilities



#### Peoria – Elm – Jenks

In January of 2017 Peoria/Elm interchange in Jenks became the first interchange on the turnpike system to have the system installed and after months of testing and working out the bugs the project was a success in collecting tolls.

345K Platepay tolls in 2019







- Cameras located on the overhead gantry snap a picture of your license plate
- Matches plate to the registered owner
- Invoice sent to the owner 5 days after the transaction



#### SAMPLE INVOICE





MR. PlatePay Sample
1 CONVENIENCE BLVD
Tutas, OK 77777
ph[hp:||n|fij|pj|m|fij|hn|ji||jj|pj|fij|fij|hfij|fij|n|fij|fi

Dear Valued Customer:

Plate Number: OK SAMPLE

Than kyou for using the Oklahoma Turnpike Authority's new PlatePay License Plate Toiling System which has been installed at Peoria/Elmon the Creek Turnpike in Tulsa.

In an effort to decrease congestion and improve safety, the Oklahoma Tumpike Authority re-designed the Peoria/E in eastbound entry and westbound edit lanes on the Creek Tumpike for "cashless" tolling by removing cash toll collection equipment and installing PlatePay license plate tolling equipment alongside existing PIXE PASS electronic tolling equipment.

Our records indicate that you recently traveled through the Peoda/Elmlanes on the Creek Turnpike as detailed on the invoice endosed with this Welcome Letter and were not using a valid PIXEPAS or interoperable toll transponder. A PlatePay account has been established for you by matching the license plate imaged at Peoria/Elm to your vehicle registration. Continued travelithrough the PlatePay lanes at Peoria/Elm on the Creek Turnpike will result in monthly invoices being mailed to you.

However, please be aware that the Peoria/Elm entry and exit lanes on the Creek Turnpike are currently the ONLY lanes on the Oklahoma Turnpike System where PlatePay license plate toiling is being done in conjunction with PKEPASS electronic toiling in the same lanes. As a Plate Pay customer, you will need to be observent when traveling at other locations on the Oklahoma Turnpike System and be prepared to pay cash toils where required; traveling through PKEPASS ONLY lanes without a valid PIKEPASS or interoperable toil transponder will result in toil evasion volutions.

We encourage you to consider opening a PIKEPASS account as PIKEPASS toll rates are lower than the PIa to Pay rates at Peoria/Elm on the Creek Turnpike and using a PIKEPASS is a safe and convenient way to travel the entire Oklahoma Turnpike System.

If you have a PIKEPASS account and are using a toll transponder that you believe is interoperable with PIKEPASS or have any other questions, please call us toll free at 1-866-784-2622, Monday through Friday from 8:00 AM to 5:00 PM.

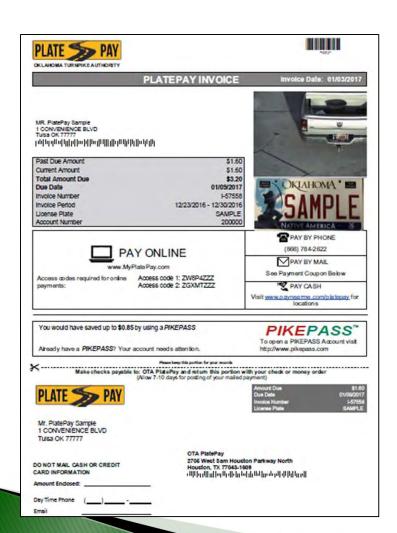
Thank you for traveling on the Oklahoma Turnpike System.

#### Plate Pay

Oklahoma Turnpike Authority

Tel: (866) 784-2622 Fax: (713) 939-5480 E-mail: customerservice@mypiate.pay.com Address: 2705 West Sam Houston Parkway North, Houston TX 77043-1609

#### SAMPLE INVOICE





#### SAMPLE INVOICE

| PAST DUE AMOUNT                    |        |           |           |                |                 |            |                |  |  |
|------------------------------------|--------|-----------|-----------|----------------|-----------------|------------|----------------|--|--|
|                                    | Tolls  | Violation | Admin Fee | Collection Fee | Payment/Credits | Amount Due | Invoice Numbe  |  |  |
| Talls Past Due 1 Day               | \$1.60 | \$0.00    | \$0.00    | \$0.00         | \$0.00          | \$1.60     | I-50140        |  |  |
| Tolls Past Due 31 Days             | \$0.00 | \$0.00    | \$0.00    | \$0.00         | \$0.00          | \$0.00     |                |  |  |
| Tolls Past Due 61 Days             | \$0.00 | \$0.00    | \$0.00    | \$0.00         | \$0.00          | \$0.00     |                |  |  |
| "Tolls Past Due 01 Days<br>or more | \$0.00 | \$0.00    | \$0.00    | \$0.00         | \$0.00          | \$0.00     | In collections |  |  |
| Total Past Due                     | \$1.60 | \$0.00    | \$0.00    | \$0.00         | \$0.00          | \$1.60     |                |  |  |

<sup>\*</sup> May contain multiple unpaid invoice amounts which have been turned to Collections.

#### AVOID ADDITIONAL PENALTIES & FEES

Failure to pay an invoice issued by the Oklahoma Tumpike Authority (OTA) in connection with its PlatePay video toil collection system is a violation of the OTA Electronic Toil Collection Act. 47 O.S. §11-1401.1 et. seq. and may result in additional penalties and fees including Violation Fees, Administrative Fees, Collections Fees and a Registration Hold that marks the vehicle registration for non-renewal until all past due toils and fees are paid in full. Additional information concerning penalties and fees is on the Plate Pay website at <a href="https://www.plate.pay.com">www.plate.pay.com</a>.

For information about disputing a charge login to your account at <a href="https://www.mypiatepay.com">www.mypiatepay.com</a> and follow the instructions under "inquiry" or call (866) 784-2622

#### **CURRENT ACTIVITY**

| DATE/TIME  | DESCRIPTION                 | LOCATION                           | AMOUNT |
|------------|-----------------------------|------------------------------------|--------|
| 12/22/2016 | Video Toll Charge - Class 2 | CREEK TURNPIKE PEORIA-ELM Entry EB | \$1.60 |
|            |                             | TOTAL                              | \$1.60 |

#### AVOID ADDITIONAL PENALTIES & FEES

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#### **AET Committee**

- Revenue Assurance
  - Transponder Use
  - Reporting
  - Change to Cash Flow
- Business Rules
  - Billing changes/Customer Satifaction
- Changes/enhancements from IT
  - Connectivity and Back Office
- Workforce
  - Toll Collection Changes
- Legislation
  - DMV Lookup and Reciprocity Agreements

#### Marketing Plan - Pikepass Usage

 Opened a mobile store to travel the State promoting Pikepass/account management



- Challenges
- Removing stop Conditions (toll booths)
- Horizontal Curves
- Vertical Curves
- Weave Lengths
- Interchange Configurations
- Acceleration/Deceleration Lengths
- Roadside Protection
- Local Road Concerns

- HE Bailey/SH-5 Walters
  - Bowtie interchange
  - Interchange ramps
  - Service plaza
- Toll plaza under bridge



- Pikepass far left lane (35 mph)
- Coins middle lane (stop)
- Toll booth right lane (stop)
- On/off SH-5 right lane



- · Lets go 75 mph
- · Remove all cash infrastructure
- 0 − 35 stop conditions are gone
- Lane management
- 2 high speed lanes adjacent to a auxiliary lane, need separation
- · Weave distance substandard for ramps
- Accel/decel ramps substandard
- Pier protection
- Mainline horizontal and vertical geometry at higher speed





## Kilpatrick - Eastern





# Eastern (Eastboundon)



### Kilpatrick - Santa Fe Mainline

