Oklahoma Turnpike Authority

Joe Echelle, P.E. MBA
Assistant Executive Director
Gilcrease Expressway
Gilcrease Expressway Has Been Included in Area Plans since the 1960s
Construction History

Approximately Half of the Gilcrease Expressway has Been Constructed Since the 1960s
## Key Milestones To Date

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

- The financial commitments of state and local stakeholders will make the Gilcrease a reality
  - City of Tulsa
    - Acquired ROW and financed preliminary engineering activities
  - Oklahoma Department of Transportation
    - Issued GARVEE bonds with approximately $71 million of proceeds available for Project costs
  - Indian Nations Council of Governments
    - Committed to transfer $6 million a year for 15 years to pay debt service on ODOT’s GARVEEs
  - 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

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/15/20</td>
<td>Authority and Project Company executed Project Agreement (Construction Begins)</td>
</tr>
<tr>
<td>1/30/20</td>
<td>Project Company closed on $125M Private Activity Bonds</td>
</tr>
<tr>
<td>5/8/20</td>
<td>Authority received approval of $120M TIFIA Loan</td>
</tr>
<tr>
<td>Summer 20</td>
<td>Contractor to begin closing area streets</td>
</tr>
<tr>
<td>Summer 20</td>
<td>Begin installing drilled shafts for 22 bridges</td>
</tr>
<tr>
<td>Summer 20</td>
<td>Build river crossing</td>
</tr>
<tr>
<td>Fall 20</td>
<td>Begin interchange work</td>
</tr>
<tr>
<td>2021</td>
<td>Continued Construction</td>
</tr>
<tr>
<td>Fall 2022</td>
<td>Finish Construction</td>
</tr>
</tbody>
</table>
Design Overview – W. 21st Street

ARKANSAS RIVER

BNSF RR

57TH W. AVE.

AVERY DR.
Design Overview – W. 21st 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
Turner at SH–66 Interchange
Kickapoo Turnpike

- Began Construction 2018
- Estimated Completion?????
Cashless Tolling

(A Complete Revenue Model Change)
Almost 40% comes from out of state motorists
OTA – Tolling Methods

PIKEPASS

PLATE PAY
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

April 2019
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

342
Tolling Facilities

128
Tolling Operators

6262
Center Line Miles

34
States

Facility Types
by # of Tolling Facilities

- Roads: 189
- Bridges: 139
- Tunnels: 15

Number of Facilities
## Tolling Across the Country

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolling Facilities with ETC</td>
<td>322</td>
</tr>
<tr>
<td>Operators with ETC Facilities</td>
<td>115</td>
</tr>
<tr>
<td>Facilities with AET (Some or All)</td>
<td>174</td>
</tr>
<tr>
<td>Center Line Miles of ETC</td>
<td>6250</td>
</tr>
</tbody>
</table>

### Toll Collection Methods

**by # of Tolling Facilities**

<table>
<thead>
<tr>
<th>Method</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC</td>
<td>322</td>
</tr>
<tr>
<td>Cash</td>
<td>178</td>
</tr>
<tr>
<td>AET</td>
<td>164</td>
</tr>
<tr>
<td>AET-Some</td>
<td>10</td>
</tr>
</tbody>
</table>
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
Dear Valued Customer:

Thank you for using the Oklahoma Turnpike Authority’s new PayPay License Plate Tolling System which has been installed at Peoria/Ein on the Creek Turnpike in Tulsa.

In an effort to decrease congestion and improve safety, the Oklahoma Turnpike Authority re-designed the Peoria/Ein eastbound entry and westbound exit lanes on the Creek Turnpike for “cashless” tolling by removing cash toll collection equipment and installing PlatePay license plate tolling equipment alongside existing PLAT the electronic tolling equipment.

Our records indicate that you recently traveled through the Peoria/Ein lanes on the Creek Turnpike as detailed on the invoice enclosed with this Welcome letter and were not using a valid PIJET or interoperable toll transponder. A PlatePay account has been established for you by matching each license plate image at Peoria/Ein to your vehicle registration. Continued travel through the PlatePay lanes at Peoria/Ein on the Creek Turnpike will result in monthly invoices being mailed to you.

However, please be aware that the Peoria/Ein entry and exit lanes on the Creek Turnpike are currently the ONLY lanes on the Oklahoma Turnpike System where PlatePay license plate tolling is being done in conjunction with PIJET or interoperable tolling in the same lanes. As a PlatePay customer, you will need to be familiar with the requirements for tolling through the PlatePay lanes at Peoria/Ein on the Creek Turnpike and be prepared to pay cash tolls where required traveling through PIJET ONLY lanes without a valid PIJET or interoperable toll transponder will result in toll evasion violations.

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

If you have a PIJET account and are using a toll transponder that you believe is interoperable with PIJET or have any other questions, please call us toll free at 1-800-346-2332, Monday through Friday from 8:00 AM to 5:00 PM.

Thank you for traveling on the Oklahoma Turnpike System.

PlatePay
Oklahoma Turnpike Authority

Tel: (800) 784-2332 Fax: (913) 964-4091 E-mail: customer.service@myplatepay.com
Address: 2703 West Sam Houston Parkway North, Houston TX 77063-1929
# SAMPLE INVOICE

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invoice Date</td>
<td>01/03/2017</td>
</tr>
<tr>
<td>Paid Due Amount</td>
<td>$1.60</td>
</tr>
<tr>
<td>Current Amount</td>
<td>$1.60</td>
</tr>
<tr>
<td>Total Amount Due</td>
<td>$3.20</td>
</tr>
<tr>
<td>Due Date</td>
<td>01/03/2017</td>
</tr>
<tr>
<td>Invoice Number</td>
<td>123456</td>
</tr>
<tr>
<td>Invoice Period</td>
<td>12/31/2016 - 12/31/2017</td>
</tr>
<tr>
<td>License Plate</td>
<td>SAMPLE</td>
</tr>
<tr>
<td>Account Number</td>
<td>200000</td>
</tr>
</tbody>
</table>

**Payment Options**

- **PAY ONLINE**
  - [www.MyPlatePay.com](http://www.MyPlatePay.com)
  - Access codes required for online payments.

- **PAY BY PHONE**
  - (866) 794-4220
- **PAY BY MAIL**
  - See Payment Coupon Below
- **PAY CASH**
  - Visit [www.oats.com/plates](http://www.oats.com/plates) for locations

**Additional Information**

- **PIKEPASS**
  - You would have saved up to $0.89 by using a PIKEPASS.

- **PLATE PAY**
  - Please make checks payable to OKTPlatePay and return this portion with your check or money order.
  - Allow 7-10 days for posting of your mailed payment.

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OKLAHOMA NATIVE AMERICA

**Vehicle Detail**

- Make: SAMPLE
- Model: SAMPLE
- Year: SAMPLE
- Color: SAMPLE
- License Plate: SAMPLE

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**Contact Information**

- Okta PlatePay
  - 2706 West Sam Houston Parkway North
  - Houston, TX 77063-1099
  - (866) 794-4220

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**Customer Feedback**

- [survey.com/plates](http://survey.com/plates)

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**Important Notice**

- [www.oats.com/plates](http://www.oats.com/plates)
- Visit [www.oats.com/plates](http://www.oats.com/plates) for more information.
SAMPLE INVOICE

PAST DUE AMOUNT

<table>
<thead>
<tr>
<th>Tolls</th>
<th>Violation Fee</th>
<th>Admin Fee</th>
<th>Collection Fee</th>
<th>Payment/Credits</th>
<th>Amount Due</th>
<th>Invoice Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.60</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$1.60</td>
<td>I-50140</td>
</tr>
</tbody>
</table>

Total Past Due $1.60

* 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 Turnpike Authority (OTA) in connection with its PlatePay video toll collection system is a violation of the OTA Electronic Toll 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 tolls and fees are paid in full. Additional information concerning penalties and fees is on the PlatePay website at www.platepay.com.

For information about disputing a charge login to your account at www.myplatepay.com and follow the instructions under “Inquiry” or call (866) 734-2622

CURRENT ACTIVITY

<table>
<thead>
<tr>
<th>DATE/TIME</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/22/2016</td>
<td>Video Toll Charge - Class 2</td>
<td>CREEK TURNPIKE PEORIA-ELM Entry EB</td>
<td>$1.60</td>
</tr>
</tbody>
</table>

TOTAL $1.60

AVOID ADDITIONAL PENALTIES & FEES

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Revenue Assurance
  • Transponder Use
  • Reporting
  • Change to Cash Flow

Business Rules
  • Billing changes/Customer Satification

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
Engineering & Construction

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

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

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

- 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
Kosciuszko Eastern (Eastbound-on)
Kilpatrick – Santa Fe Mainline

[Diagram showing points of interest with numbers 1 to 13]
Want to help?
Email Darian Butler
dbutler@pikepass.com
Bradley Manhalter
Bmanhalter@pikepass.com