

North Carolina  
DEPARTMENT OF TRANSPORTATION

**North Carolina Turnpike Authority  
Board of Directors Meeting**

March 5, 2015



# North Carolina Turnpike Authority Board of Directors Meeting

March 5, 2015

Presentation Agenda

- 2014 4<sup>th</sup> Quarter Operations Update – Andy Lelewski, P.E.
- 2014 4<sup>th</sup> Quarter Financial Update – David Roy
- Customer Service Center Update – Michelle Muir
- Morrisville Parkway & Old Holly Springs-Apex Road Interchanges – Andy Lelewski, P.E.

# 2014 Fourth Quarter Update TriEx Operations

**Andy Lelewski, P.E.**

Director of Toll Road Operations

# 2014 Fourth Quarter Update

## Agenda

- Mainline Traffic Statistics
- Roadside Maintenance Statistics
- Toll Transaction Statistics

# 2014 Fourth Quarter Update

## Triangle Expressway Mainline Traffic Statistics

Q4 2013 AWT = 10,440

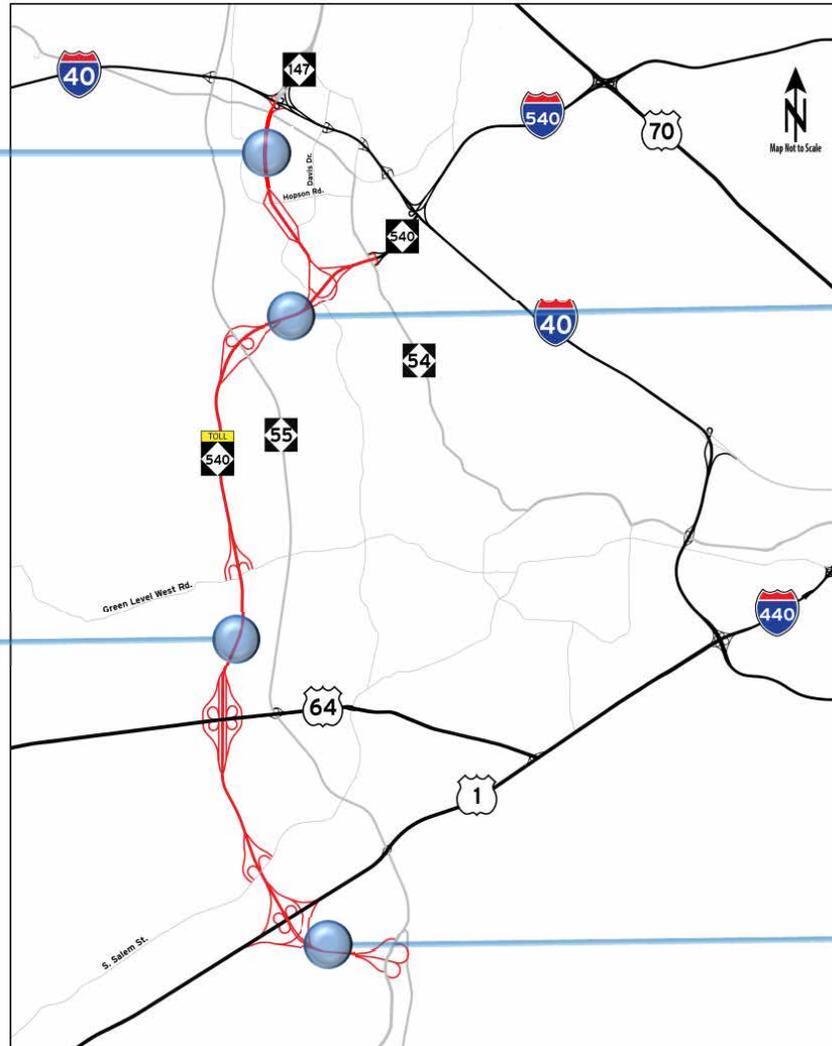
Q4 2014 AWT = 13,550

30 % Increase in Traffic

Q4 2013 AWT = 17,450

Q4 2014 AWT = 23,590

35% Increase in Traffic



Q4 2013 AWT = 27,420

Q4 2014 AWT = 36,440

33% Increase in Traffic

Q4 2013 AWT = 9,840

Q4 2014 AWT = 13,830

41% Increase in Traffic

AWT: Average Weekday Traffic

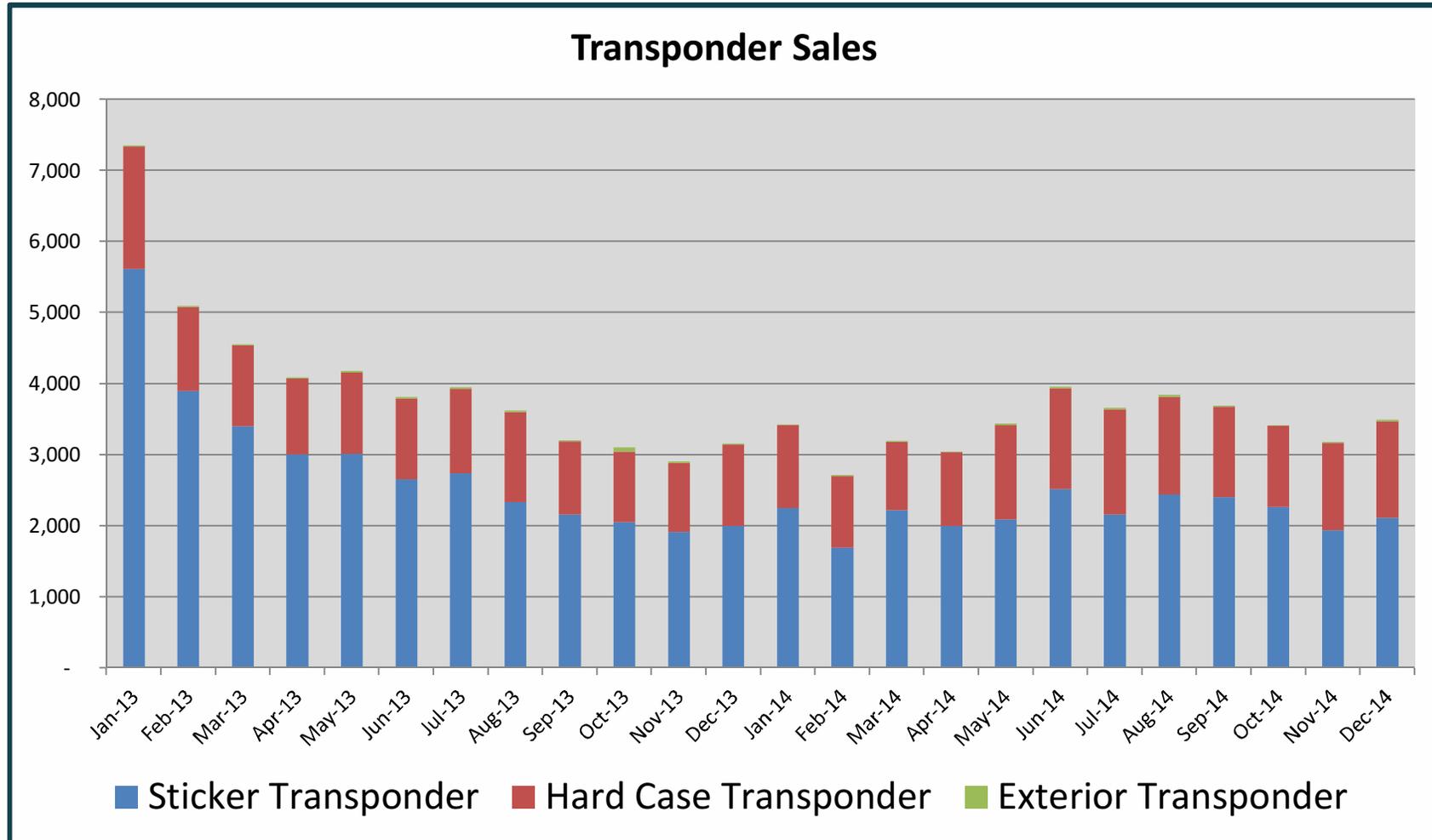
# 2014 Fourth Quarter Update

## Triangle Expressway Roadside Maintenance Statistics

	Q1 2013	Q2 2013	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014
Road Surface	97.4	98.3	98.1	91.5	87.6	96.8	89.9	93.3
Unpaved Shoulders	98.8	96.4	97.9	96.3	91.5	87.6	92.9	94.6
Drainage	91.4	89.2	91.0	90.7	91.2	93.3	91.3	82.5
Roadside	99.3	96.2	83.9	92.8	94.6	84.7	87.6	83.2
Traffic Control Devices	93.0	88.4	94.7	92.9	94.4	86.1	85.0	82.1
Overall	95.7	93.4	93.6	92.6	91.9	89.8	88.6	86.8
<b>Annual</b>	<b>94.2</b>				<b>89.0</b>			

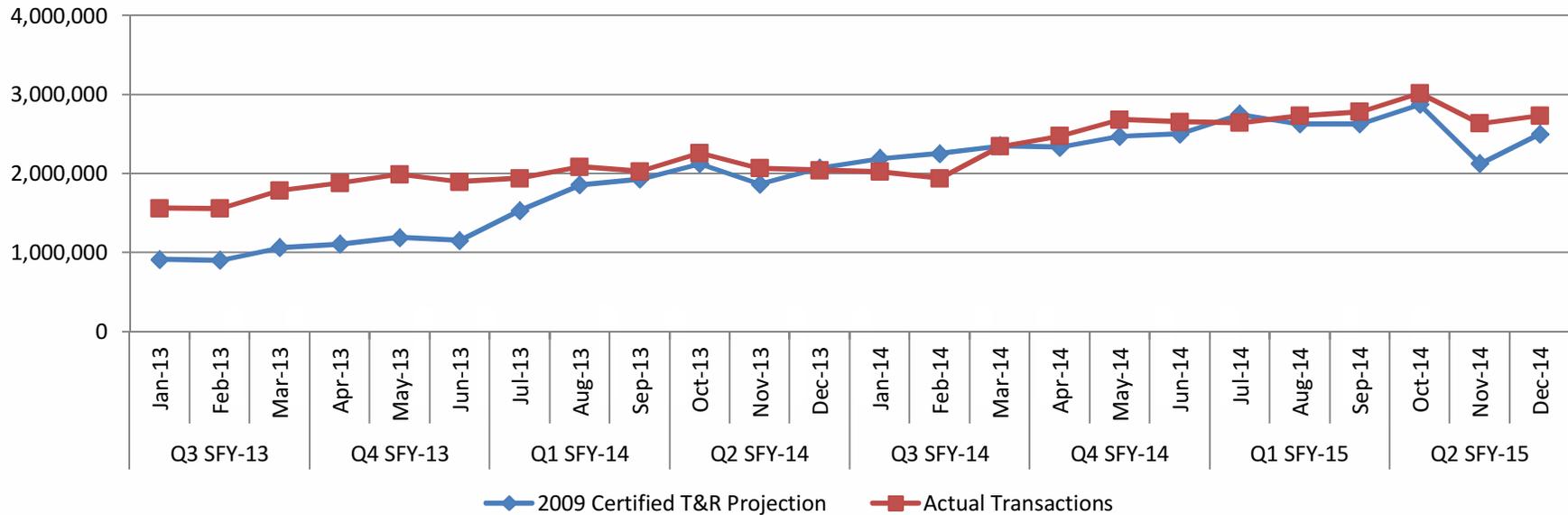
# 2014 Fourth Quarter Update

## Triangle Expressway Transponder Sales by Type



# 2014 Fourth Quarter Update

## Triangle Expressway Transaction Statistics



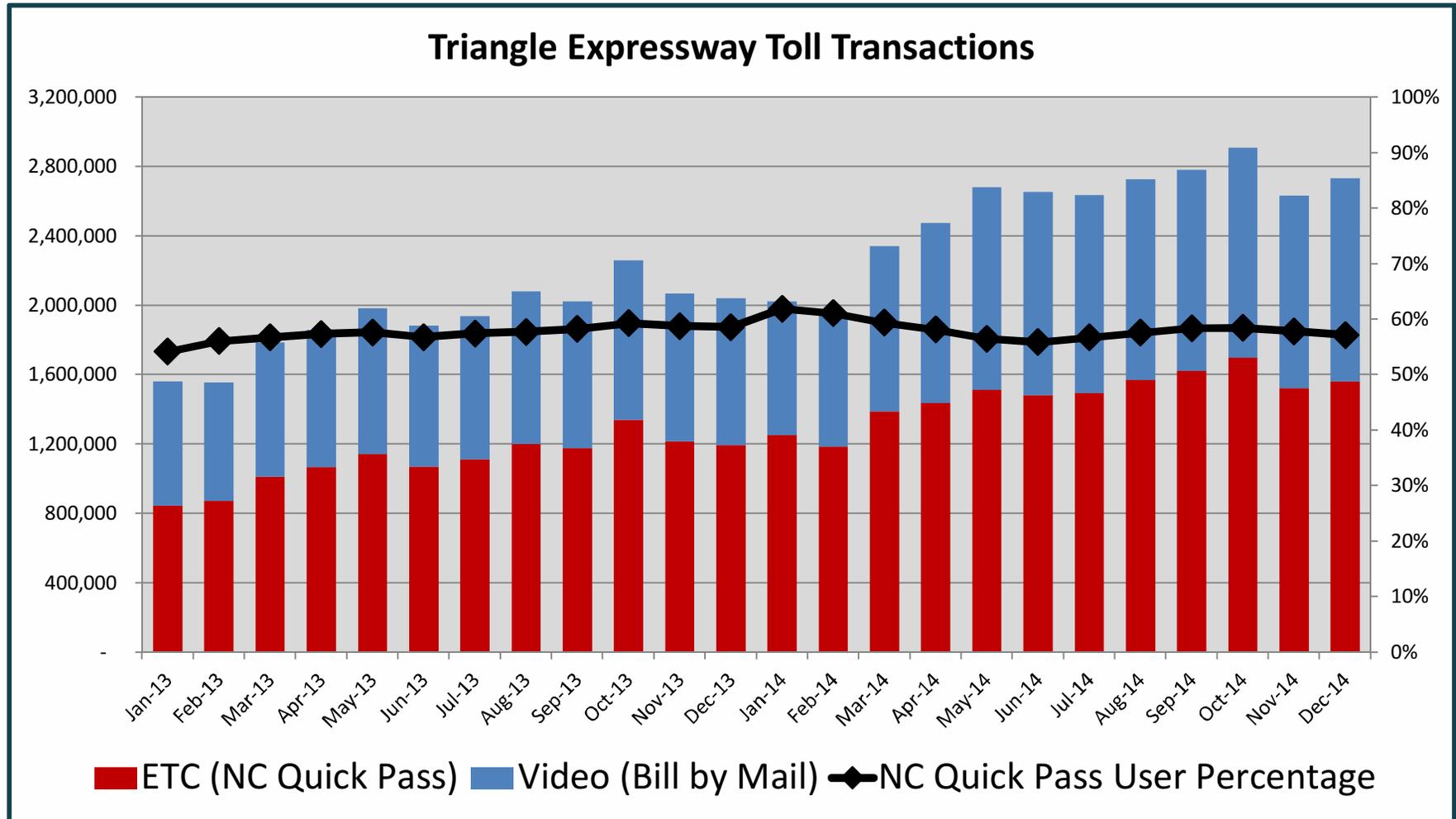
	Q3 SFY-13	Q4 SFY-13	Q1 SFY-14	Q2 SFY-14	Q3 SFY-14	Q4 SFY-14	Q1 SFY-15	Q2 SFY-15
<b>Actual Transactions</b>	4,904,247	5,769,006	6,050,465	6,369,239	6,306,133	7,809,224	8,150,134	8,384,818
<b>2009 Certified T&amp;R Projection<sup>1</sup></b>	2,878,431	3,449,640	5,316,445	6,061,929	6,792,657	7,306,969	8,003,596	7,503,370
<b>Delta (\$)</b>	2,025,816	2,319,366	734,020	307,310	(486,524)	502,255	146,538	881,448
<b>Percent of Actual vs. Projection</b>	170%	167%	114%	105%	93%	107%	102%	112%

<sup>1</sup>Target monthly revenue data based on annualized numbers contained in the 2009 Certified Traffic and Revenue Report developed by CDM Smith

Note: The data provided in this Summary is unaudited and intended for use as general information only.

# 2014 Fourth Quarter Update

## Triangle Expressway Toll Transactions by Type



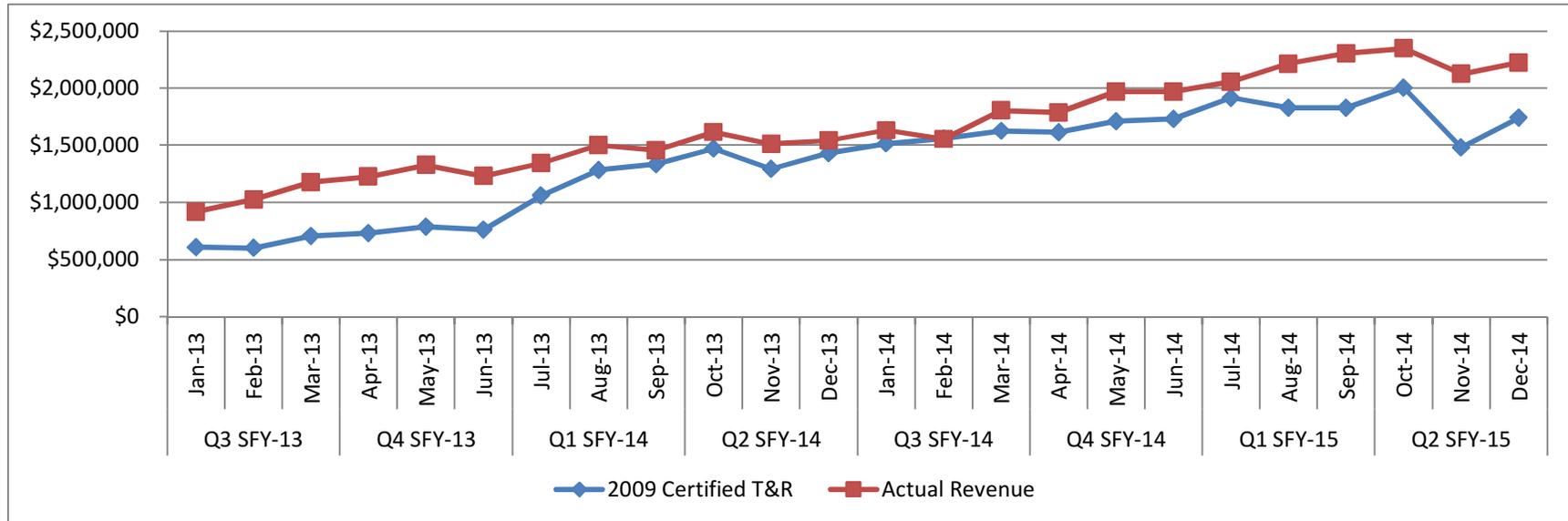
# 2014 Fourth Quarter Update TriEx Financials

**David Roy**

Director of Finance and Budget

# TriEx Financial Update

## Revenue Statistics



	Q2 SFY-13	Q3 SFY-13	Q4 SFY-13	Q1 SFY-14	Q2 SFY-14	Q3 SFY-14	Q4 SFY-14	Q1 SFY-15
<b>Actual Revenue<sup>1</sup></b>	\$3,121,768	\$3,779,435	\$4,295,730	\$4,664,914	\$4,989,599	\$5,725,177	\$6,575,724	\$6,696,239
<b>2009 Certified Traffic and Revenue<sup>2</sup></b>	\$1,913,904	\$2,278,682	\$3,676,314	\$4,191,815	\$4,697,112	\$5,052,759	\$5,571,755	\$5,223,522
<b>Delta (\$)</b>	\$1,207,864	\$1,500,753	\$ 619,416	\$ 473,099	\$ 292,487	\$ 672,418	\$1,003,969	\$1,472,717
<b>Percent of Actual vs. 2009 Base Case</b>	163%	166%	117%	111%	106%	113%	118%	128%

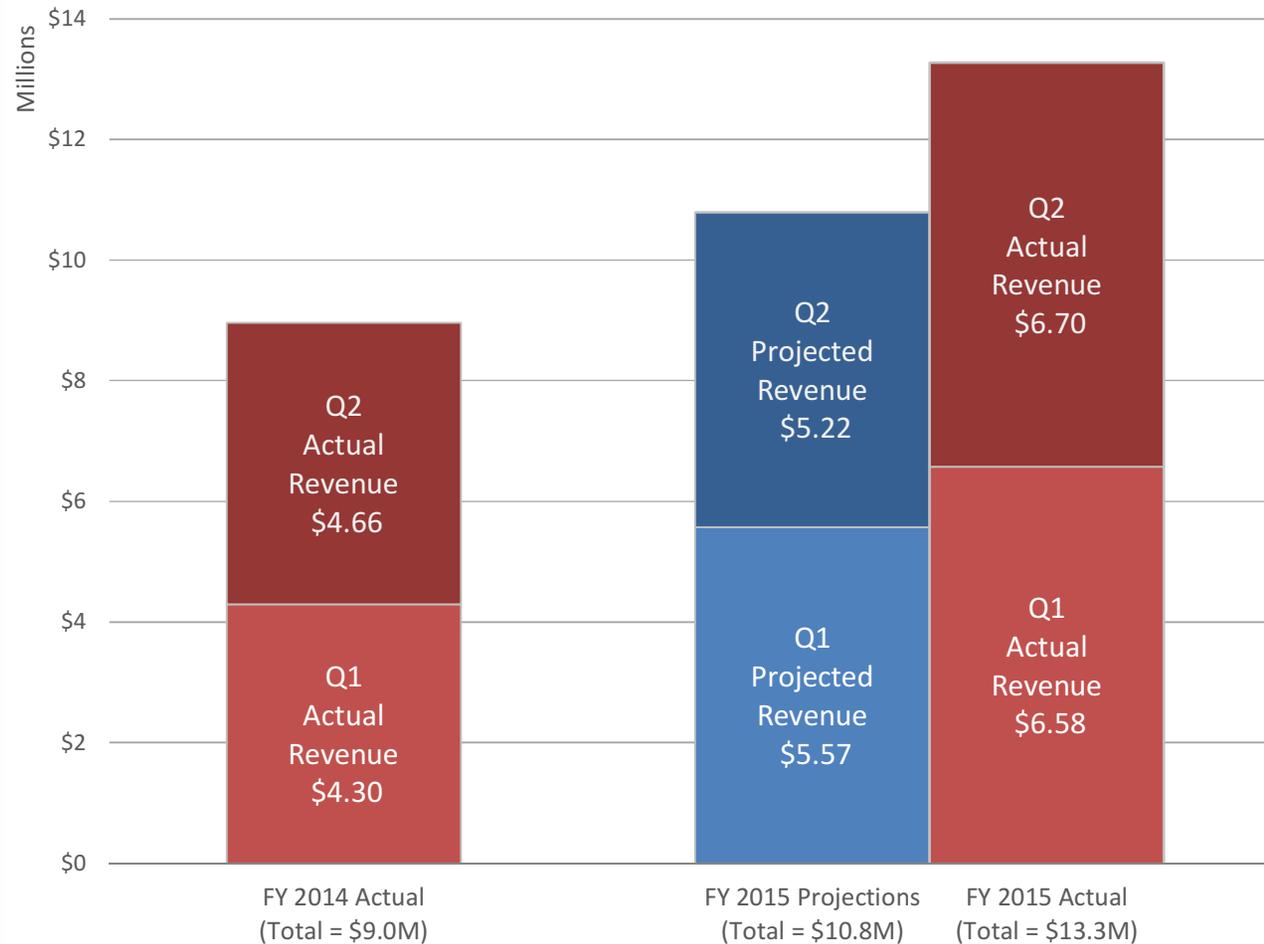
<sup>1</sup>Actual revenue is reported on a cash basis

<sup>2</sup>Target monthly revenue data based on annualized numbers contained in the 2009 Certified Traffic and Revenue Report developed by CDM Smith

Note: The data provided in this Summary is unaudited and intended for use as general information only.

# TriEx Financial Update

## Revenue Forecast vs. Actual



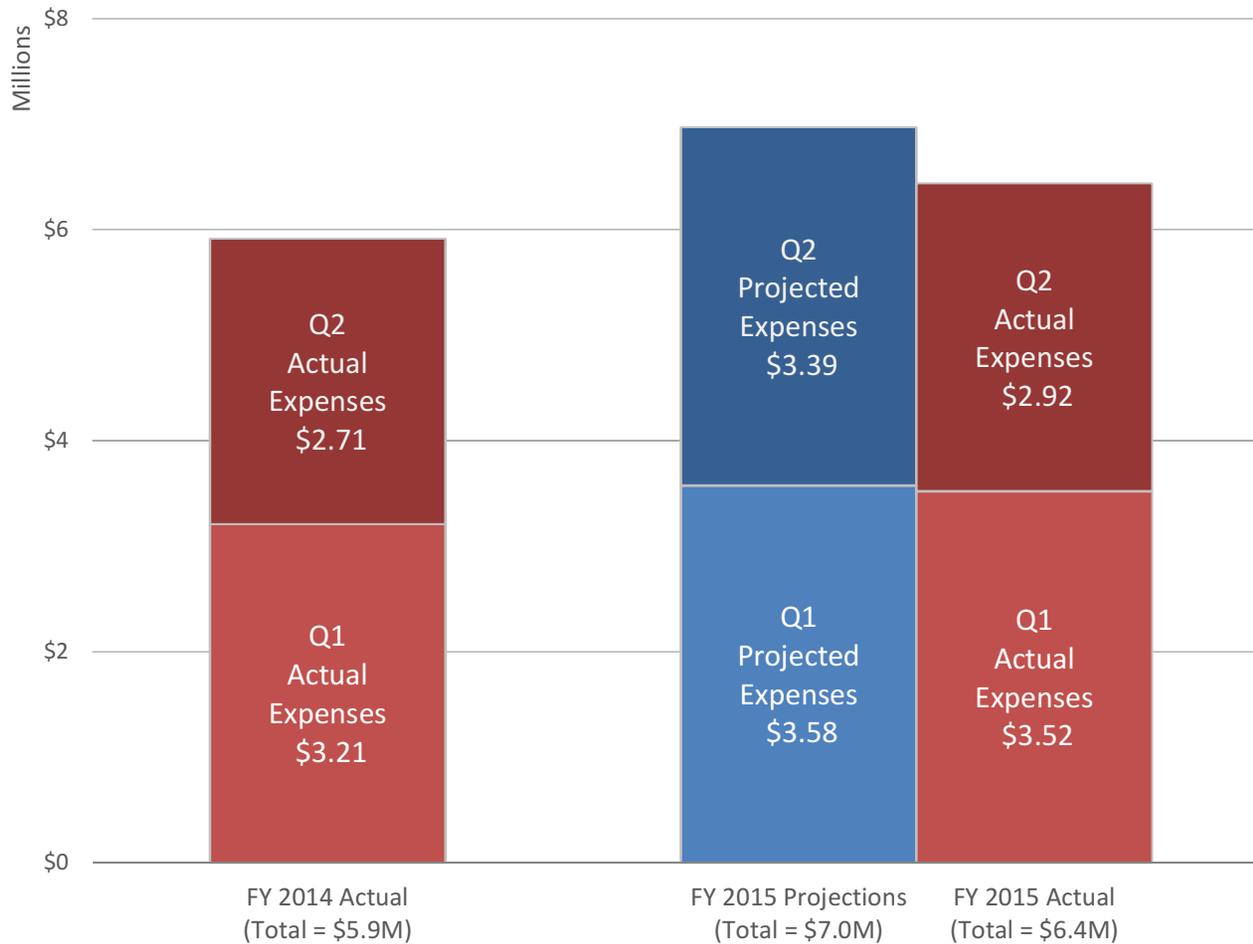
- Q2 revenues exceeded projections by approximately 28%

- Q2 revenues up approximately 44% year-over-year

- Revenue figures are inclusive of all toll revenue and fees, but exclude transponder revenues  
 - Actual Revenues reported on a cash basis

# TriEx Financial Update

## Projected Operating Expenditures vs. Actual



- FY15 Q2 operating expenditures 13% lower than projections
- FY 15 Q2 operating expenditures up approximately 7% year-over-year

- Actual operating expenses reported on a cash basis

# Customer Service Center Update

**Michelle Muir**

Director of Customer Service

## CUSTOMER SERVICE CENTER

- Team exceeded \$100,000 in a single day/ \$.5m week
- Continued Improvement Efforts on Address Data
- Marketing & Transponder Sales
  - Tabling Opportunities
  - Bill By Mail Inserts
  - Partnership and Communication with RTP Based Organizations
  - Website improvement planning
- Closures and Adverse Weather Policy Development

## Collections Efforts on Delinquent Accounts Where we are today . . .

### DMV Hold

- 56,282 accounts have been placed on hold program to date
  - Second phase account review resulted in 16,813 new account placements in last 90 days
  - 17,849 accounts have paid to remove the hold
  - 38,433 accounts are currently on hold with a current value of \$5,516,793

## **Collections Efforts on Delinquent Accounts Where we are today . . .**

### **Collections Agencies**

- 209 accounts currently being pursued as of 3/2/2015
  - Total: \$207,394
- 46 accounts have paid in full
  - Total: \$76,375
- Delinquent accounts \$500+ and/or out-of-state continue to be placed with the agency

# Morrisville Parkway & Old Holly Springs-Apex Road Interchanges

**Andy Lelewski, P.E.**

Director of Toll Road Operations

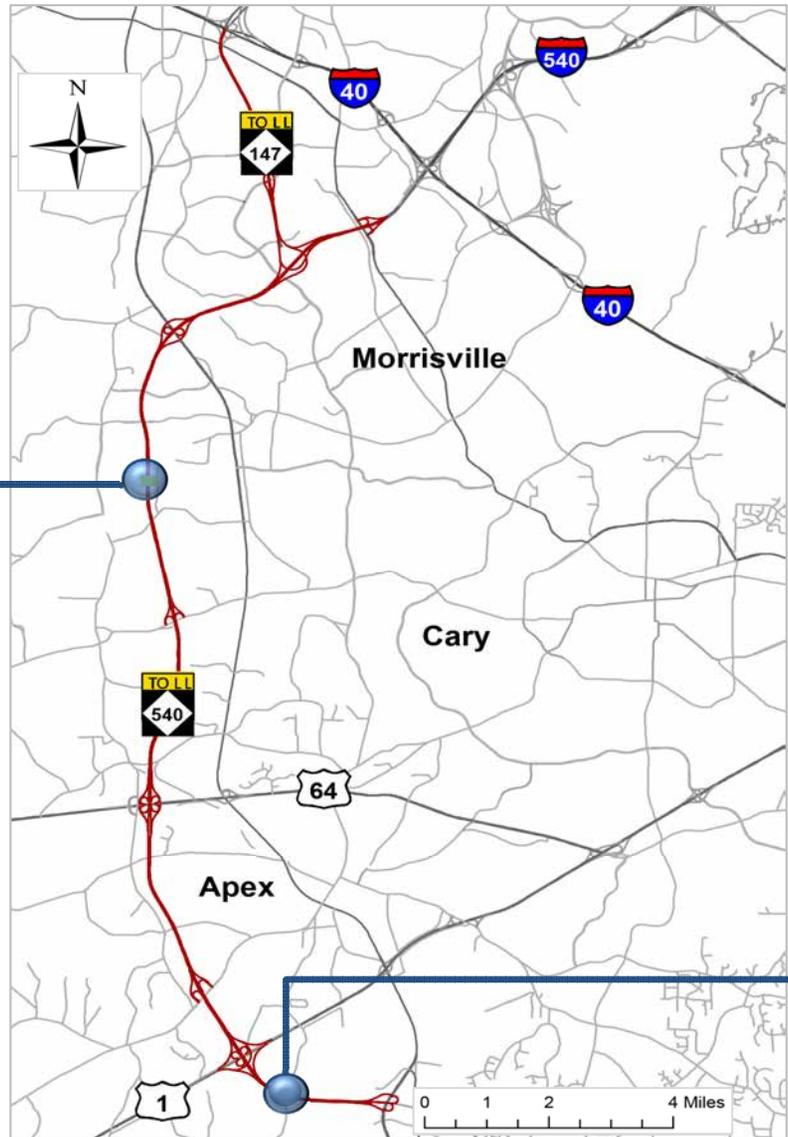
# Morrisville Parkway Extension & Old Holly Springs-Apex Road Interchanges

## Agenda

- Background (2008 – 2014)
- Project Delivery (2015 – 2018)

# Background

Morrisville Parkway Interchange



Old Holly Springs-Apex Interchange

# Background

## Morrisville Parkway Interchange



### Steps taken during construction of the Triangle Expressway

- Constructed bridge over Expressway
- Purchased Right of Way
- Anticipated toll zone locations

# Background

## Old Holly Springs-Apex Road Interchange

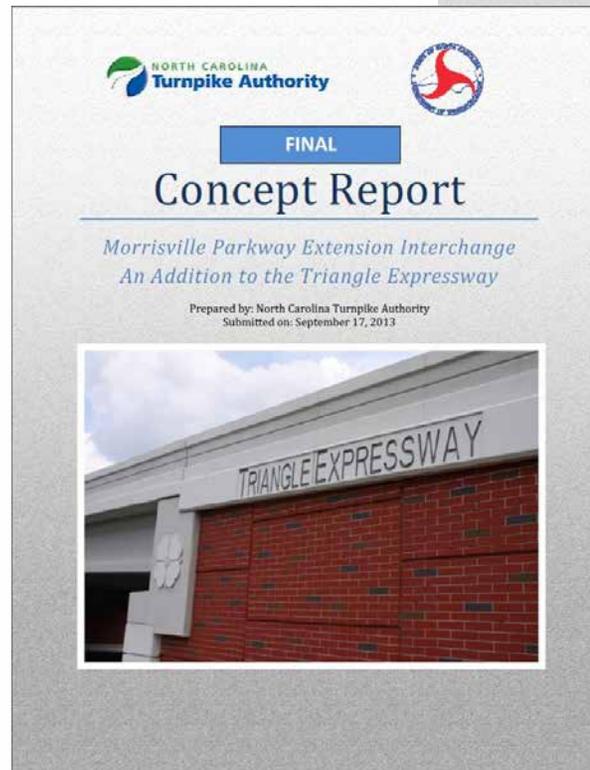


### Steps taken during construction of the Triangle Expressway

- Constructed full depth paved shoulders on Expressway
- Purchased Right of Way
- Anticipated toll zone locations

# Background Concept Reports

- 35-year study period
- Project Capital Cost
- Project Operating Cost
- Project Revenue
- Positive net present value
  - Morrisville Parkway Extension  
**\$11.2 million**
  - Old Holly Springs-Apex Road  
**\$23.9 million**



# Project Delivery

## Morrisville Parkway Interchange

	<b>Town of Cary</b>	<b>NCDOT</b>	<b>NCTA</b>
<b>Funding</b>	\$3,215,000 *Responsible for any additional cost	\$3,860,00 (STIP)	\$12,500,000 (Bond)
<b>Project Development</b>	<ul style="list-style-type: none"> <li>• Environmental Analysis</li> <li>• Design</li> </ul>	<ul style="list-style-type: none"> <li>• Plan Review</li> </ul>	<ul style="list-style-type: none"> <li>• Plan Review</li> </ul>
<b>Project Delivery</b>	<ul style="list-style-type: none"> <li>• Right of Way</li> <li>• Civil Construction (design/bid/build)</li> </ul>	<ul style="list-style-type: none"> <li>• Construction Inspections</li> </ul>	<ul style="list-style-type: none"> <li>• Toll System Integration</li> </ul>
<b>Operations and Maintenance</b>	-	-	<ul style="list-style-type: none"> <li>• Toll collection</li> <li>• Roadway Maintenance</li> </ul>

# Project Delivery

## Old Holly Springs-Apex Road Interchange

	<b>Developer</b>	<b>NCDOT</b>	<b>NCTA</b>
Funding	\$3,386,600	<ul style="list-style-type: none"> <li>Responsible for any additional cost</li> </ul>	\$15,500,00 (Bond)
Project Development	-	<ul style="list-style-type: none"> <li>Environmental Documentation</li> </ul>	-
Project Delivery	<ul style="list-style-type: none"> <li>Right of Way</li> </ul>	<ul style="list-style-type: none"> <li>Right of Way</li> <li>Civil Construction (design/build)</li> </ul>	<ul style="list-style-type: none"> <li>Toll System Integration</li> </ul>
Operations and Maintenance	-	-	<ul style="list-style-type: none"> <li>Toll collection</li> <li>Roadway Maintenance</li> </ul>

# Project Delivery

## Morrisville Parkway Interchange

NEPA Complete	April 2015
ROW Acquisition	Spring 2015
Contract Awarded	Fall 2016
Construction Start	2017

**Open to Traffic 2018**

## Old Holly Springs-Apex Road Interchange

NEPA Complete	February 2015
Contract Awarded	May 2015
ROW Acquisition	Fall 2015
Construction Start	2016

**Open to Traffic 2018**