

***TOLL COLLECTION PROGRAM – REPLACEMENT
TOLL COLLECTION SYSTEM
– REALLOCATION OF PREVIOUSLY AUTHORIZED
FUNDS AND ADDITIONAL AUTHORIZATIONS FOR
THE TOLL COLLECTION PROGRAM***

**Committee on Capital Planning, Execution and Asset Management
June 25, 2014**

Overview and Need

Replacement Toll Collection System (RTCS) Program

- Received Project Authorization in 2010; Contract award in 2011
- Contract canceled in November 2013
- 17-year old System must still be replaced

Current Integrated Toll Collection System (ITCS) Strategic Investments

- No significant upgrades since its deployment in 1997
- Necessary to extend useful life until a new RTCS is procured, designed, developed and installed

All-Electronic Tolling at the Bayonne Bridge

- No toll plaza once the Bayonne Bridge roadway is raised
- Means for collecting tolls without cash is needed
- Requires design and development at the Customer Service Center

NY E-ZPass Customer Service Center (NY CSC)

- Multi-agency contract expires in 2017
- Time required for a new procurement

Scope of Work

ITCS Strategic Investments

- Lane Controllers
- Overhead Vehicle Sensors
- Lane Mode Signs
- Electronic Central Host
- Violation Enforcement System
- New Network Connections
- OBX High Speed Lane Tolling Equipment
- Deposit Terminals / Receipt Printers



Bayonne Bridge AET

- Development of joint regional business rules
- Design & Development of back office functionality for regional AET implementation
- Customer-facing functionality (e.g., updated toll bill, website, retail payment locations)
- Pay per Trip



Benefits and Impacts

Benefits

- ITCS Strategic Investments
 - Protects \$1.3 billion in toll revenues
 - Enhances customer experience – fewer lane closures / unplanned outages
 - Allows time for the Replacement Toll Collection System to be procured, designed, developed, tested, and deployed
- AET at Bayonne Bridge
 - Significantly reduced capital costs and schedule for project delivery for the raising of the roadway
 - Enhances customer experience by allowing free-flow traffic

Impacts

- AET at Bayonne Bridge
 - Cash collection will be curtailed; customers will either use E-ZPass or receive a Toll Bill in the mail
 - MTA's Triborough Bridge & Tunnel Authority and PA working together on Treasury Functions for revenue collection from non-E-ZPass customers

Economic Impacts

900 job years

\$54 million in wages

\$313 million in economic activity over the life of the project

Project Cost and Schedule

	ITCS	RTCS	AET
Total Project Costs	\$38.8 M		
Construction	\$25.0 M	\$1.0 M	n/a
Staff Cost	\$2.2 M		
Consultant	\$2.5 M		\$0.9 M

ITCS Strategic Investments

Design Start

Jul 2014

Construction Start/End

March 2016/Sept 2016

Final Acceptance

March 2017

RFP Vendor Demonstrations, Start

Feb 2015

Future Authorizations for the Tolls Program

Authorization for Contract Award, new Customer Service Center

- Will occur after the multi-agency procurement is complete

Reauthorization of the Replacement Toll Collection System

- Will occur at vendor selection, when we better know the cost and schedule for design, development, and installation of a full new system