

GOETHALS BRIDGE AND OUTERBRIDGE CROSSING IMPLEMENTATION OF CASHLESS TOLLING – PROJECT

Committee on Capital Planning, Execution and Asset Management
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Overview

Cashless Tolling Experience

- Flow through toll point without stopping
- Toll Bill mailed to drivers without E-ZPass

Cashless Tolling in the Region

- Bayonne Bridge – February 2017
- MTA – converted all facilities end of 2017
- Consistent customer experience across Staten Island

Tolls by Mail

- Regional cashless tolling program
- Expansion of back office operations



Benefits and Impacts

Benefits

- Reduces travel times
 - Enhances safety
 - Improves air quality
 - Reduces fuel consumption
- 200K driving hours/yr saved
7-10% crash reduction
11.5K metric tons CO₂ avoided
1.3M gallons/yr saved; \$33M/yr

Impacts

- No cash collection; E-ZPass or Tolls by Mail
- Carpool Discount Plan discontinued due to practical infeasibility
- Challenge: minimize revenue loss from non-payment

Scope of Work

Goethals Bridge

- Install toll gantry
- Remove existing toll booths

Outerbridge Crossing

- Add toll gantry next to current express lanes
- Remove existing toll booths

Other Related Work

- Expand back office operations

Economic Impact

504 job-years

\$37.8 million in wages

\$56.1 million in economic activity

Project/Cost Schedule

Project Cost

\$52 Million

- Construction: \$ 27.9M
- Planning/engineering/support:
 - Staff: \$ 2.7M
 - Materials/Services
(Customer Service Center Build Out & Equipment) \$ 3.6M
 - Consultant Costs: \$ 5.4M
- Contingency: \$ 8.5M
- Agency Allocation
(Insurance, Administration, Financial Expenses) \$ 3.9M

Targeted Schedule

Award of Contract: **3Q2018**

Go-Live OBX: **2Q2019**

Go-Live GB: **3Q2019**