

# ***Staten Island-New Jersey Bridges Construction Program***

***Goethals Bridge Replacement Program  
Bayonne Bridge Navigational Clearance Program  
Outerbridge Crossing Pavement Replacement***

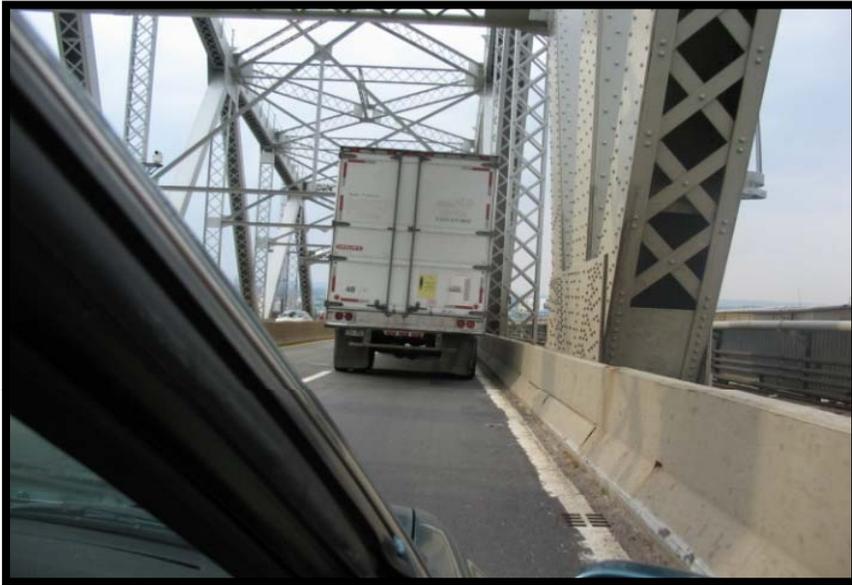
April 24, 2013

# *Staten Island-New Jersey Bridges Construction Program*

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- Refocus on core mission
- Historic investment in facilities linking Staten Island, New York and New Jersey
- First time in 80 years agency will construct a new bridge-to replace the Goethals
  - Innovative Public-Private Partnership
- First time a bridge's roadbed will be raised and built during ongoing operations with Bayonne "Raise the Roadway" Program
- Combined program will create approximately 5,000 construction jobs, more than \$600 million in wages and more than \$2.5 billion in regional economic activity

# Goethals Bridge Replacement Program



**Existing**

- **Four 10 ft Lanes**
- **Functionally Obsolete**
- **No Shoulders**
- **No Walkway**



**Proposed**

- ✓ **Six 12 ft Lanes with shoulders**
- ✓ **State-of-the-art Cable Stayed Design**
- ✓ **Up-to-date safety and security features**
- ✓ **Pedestrian/Bicycle Access**
- ✓ **Accommodation for future transit corridor**
- ✓ **Innovative Bridge Technology**

# *Goethals Bridge Replacement Program*



# *Goethals Bridge Replacement Program*



## ***What the Public-Private Partnership Achieves***

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- ✓ Port Authority maintains control of asset and revenue stream
- ✓ Access to private sector expertise
- ✓ Access to low cost subordinated financing via USDOT TIFIA loan program and tax exempt Private Activity Bonds
- ✓ Minimizes impact to Port Authority Consolidated Bond capacity
- ✓ Cost predictability for PA over contract life
- ✓ Appropriate Construction/Performance Risk Allocation
- ✓ Developer's significant equity investment incentivizes performance
- ✓ Port Authority continues to operate the bridge

## ***Goethals Bridge Replacement Program Project Cost / Schedule***

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- Total PA Project Cost is \$363 million, out of a total \$1.5 billion public-private partnership to replace the existing structure
- Award of Design-Bid-Finance-Maintain (DBFM) Contract to NYNJ Link Partnership
  - Equity Member: Macquarie Infrastructure and Real Assets, Inc/Kiewit Development
  - Lead Contractor: Kiewit-Weeks-Massman, a Joint Venture
  - Lead Engineer: Parsons Transportation Group of New York, Inc.
  - Lead Maintenance: Macquarie Infrastructure and Real Assets
- Construction Start – December 2013
- Service Commencement– December 2016
- Substantial Completion- December 2017

## ***Goethals Bridge Replacement Program***

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- This project is anticipated to generate approximately 5,600 total job years, including 2,258 construction job years
- \$220 Million in wages
- \$870 Million in economic activity

# *Bayonne Bridge Navigational Clearance Program*



**Existing**

- **151 ft Air Draft**
- **6 ft Walkway**
- **Four 10 ft Lanes, No Shoulders**
- **No Median Divider**



**Proposed**

- ✓ **215 ft Air Draft**
- ✓ **12 ft Walkway/Bikeway**
- ✓ **Four 12 ft Lanes, with shoulders**
- ✓ **Median, Safety Barrier**



# *Bayonne Bridge Navigational Clearance Program*

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- This project is anticipated to generate approximately 6,300 total job years, including 2,500 construction job years
- \$380 Million in wages
- \$1.6 Billion in economic activity

# *Bayonne Bridge Navigational Clearance Program*

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- Total Project Cost: \$1.29 B
- Award Construction Contract: \$ 743,320,360 to Skanska Koch Inc/Kiewit Construction Co. (Joint Venture)
- Construction Start – Q2 2013
- Removal of Navigational Obstruction – Q4 2015
- Overall Completion of Project – Q2 2017

# Outerbridge Crossing Pavement Replacement



- Full pavement replacement of eastbound and westbound spans and approach asphalt roadway surfaces for a \$23.5 million total project cost
- 120 total job years, \$3 million in wages and \$39 million in economic activity

# Staten Island- New Jersey Bridges Construction Program

