

# **UPDATE ON THE GEORGE WASHINGTON BRIDGE REHABILITATION PROGRAM**

Capital, Planning, Execution, & Asset Management Committee  
March 24, 2016

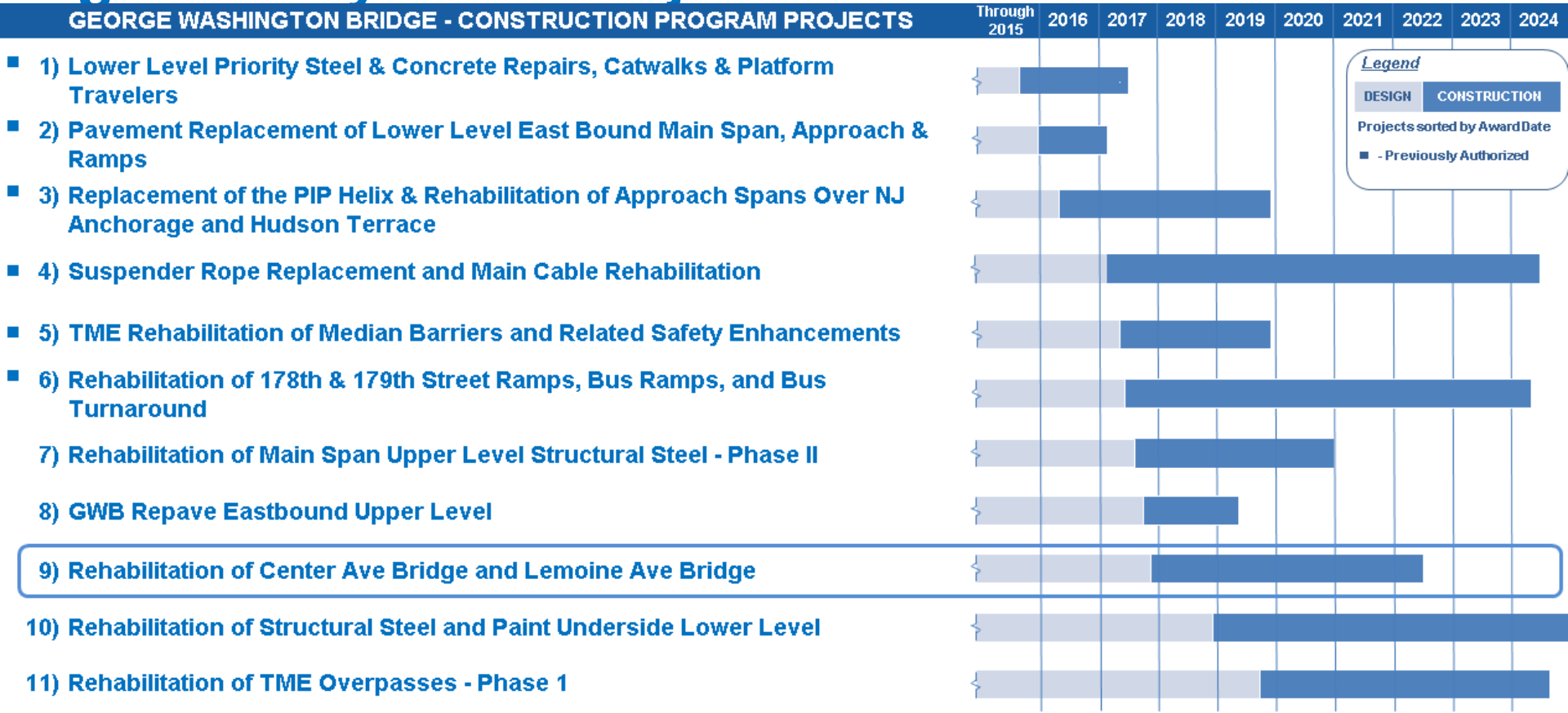
# George Washington Bridge

## 10 Year Capital Plan

- George Washington Bridge built in 1931
- Vehicular traffic – 100M vehicles per year generating \$650M revenue
- 11 major projects will be scheduled from 2016 to 2025, plus other smaller projects



# High Priority GWB Projects Overall Schedule



TOTAL \$1.9B (Approx. \$1.4B Authorized to Date)

# Key Program Risks and the Mitigation Strategies

- Program presents an unprecedented amount of large projects in construction at the same time.
- Delivery Strategy to include:
  - Staging and Sequencing Coordination
  - Integrated Project Milestones in Contracts
  - Stakeholder Engagement
  - Alignment of Resources

# Replacement of PIP Helix and Rehabilitation of Approach Spans over Hudson Terrace

## Scope of Work

- Replacement of the deck, superstructure, and substructure
- Construction of a temporary detour structure to maintain traffic flow
- Rehabilitation of NJ Upper Level approach decks

Recommended Award: Judlau Contractors, Inc.  
Estimated Cost: \$67.5M



# Background/Overview - Rehabilitation of Center and Lemoine Avenue Bridges

## Scope of Work

- Structural Repairs
- Seismic Retrofit
- Roadway and under deck Lighting Replacement
- Turn Improvements at Center Avenue
- Replace water main under Center Avenue
- Replace concrete girders of spans for Center Avenue



# Project Cost/Schedule

## Rehab. of Center and Lemoine Avenue Bridges

**Project Cost:** **\$90.9 M**

- Construction /Design/Build: \$59.7 M
- Planning/engineering/support: \$13.6 M
  - Staff Costs \$ 5.2 M
  - Consultant Costs \$ 8.4 M
- Contingency \$ 5.0 M
- Agency Allocation \$12.6 M

*(Insurance, Administration, Financial expenses)*

**Construction Duration: Q4 2017 – Q2 2022**

**Offsets:** \$25.0 M offset needed

- GWB - Lower Level Priority Steel And Concrete Repairs, Catwalks And Platform Travelers (\$18.7 M)
- GWB -Replacement Of The Palisades Interstate Parkway Helix(\$6.3 M)

# Economic Impact

	PIP Helix and NJ Spans	Center and Lemoine Avenue	10 – Year Program
Job-Years	530	440	11,190
Wages	\$35M	\$30M	\$768M
Economic Activity	\$149M	\$142M	\$3,258M



# Next Steps

- **Outreach Plan:**
  - “Restoring the George”
    - NY/NJ/NYC DOTs, and NJ Turnpike
    - Palisades Interstate Park Commission
    - Local Municipalities
    - Community Groups
- Bid and Award Suspender Ropes contract

