

UPDATE ON THE GEORGE WASHINGTON BRIDGE REHABILITATION PROGRAM

Capital, Planning, Execution, & Asset Management Committee
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George Washington Bridge

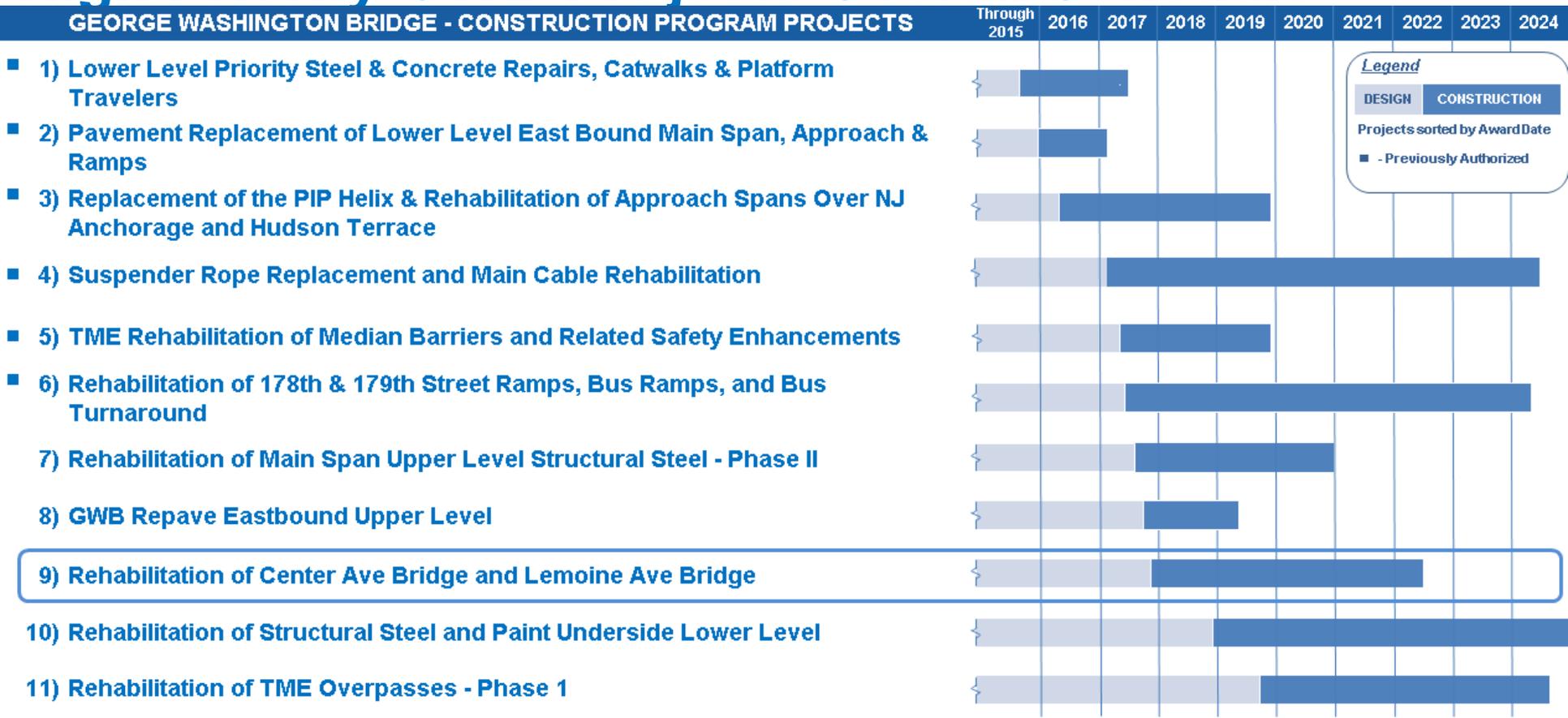
10 Year Capital Plan

- 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

GEORGE WASHINGTON BRIDGE - CONSTRUCTION PROGRAM PROJECTS



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	<u>\$12.6 M</u>
<i>(Insurance, Administration, Financial expenses)</i>	

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

