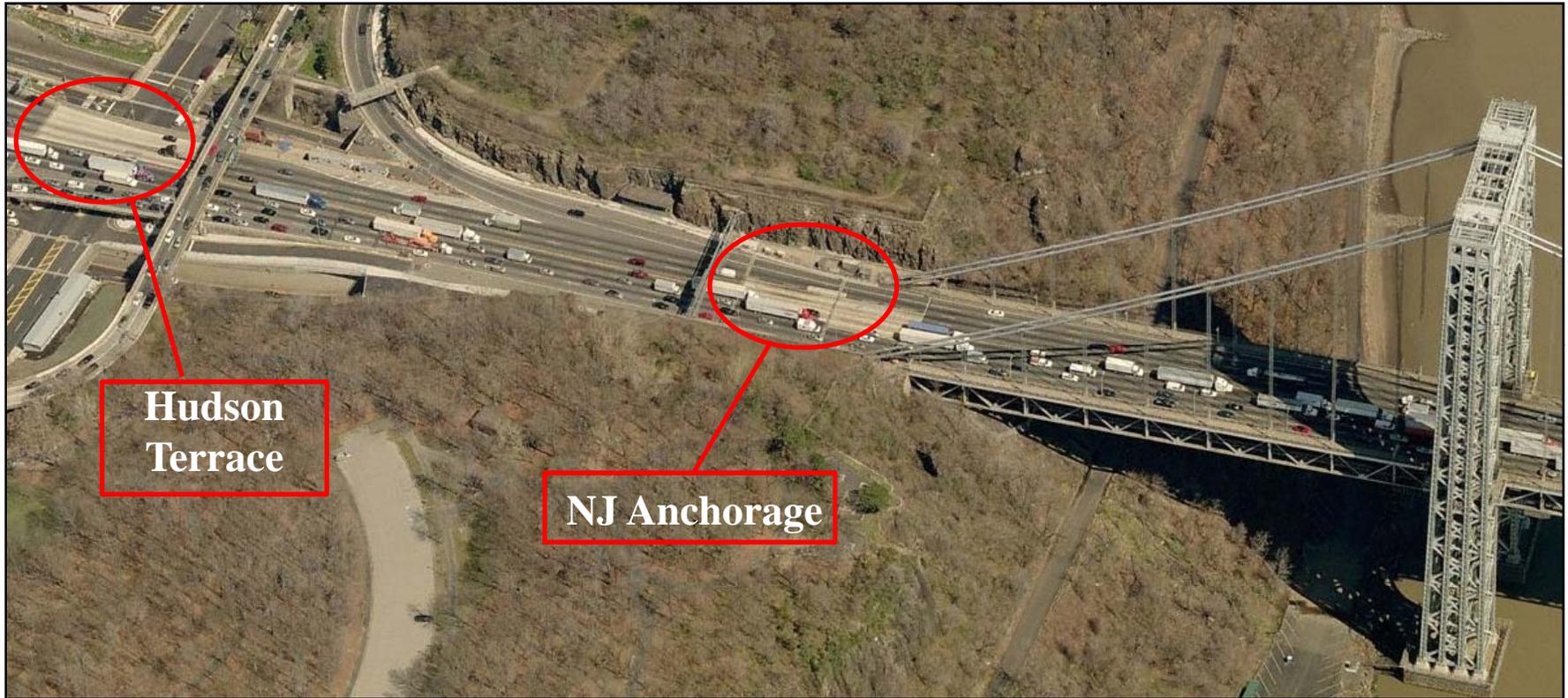


George Washington Bridge

Bridge Rehabilitation Program Upper Level Spans over New Jersey Anchorage and Hudson Terrace

*Committee on Construction
April 26, 2012*

Background



- Both bridges were constructed in 1931
- NJ Anchorage - Partially rehabilitated in 2004
- Hudson Terrace - Partially rehabilitated in 1997
- 2009 Planning Authorization

Current Deck Condition



NJ Anchorage
Underside of the deck
inside the anchorage
minor spall.

Hudson Terrace
Underside of deck
which exhibits spalls
and delamination.



Need for Project / Scope of Work

Need for the Project

- Structures are 50 to 80 years old and the concrete decks have exceeded their normal design lives.
- Continued exposure to de-icing salts and heavy traffic volumes have resulted in deterioration.
- Rehabilitation will extend the life of the decks 10 to 15 years.

Scope of Work

- Rehabilitate deck areas, superstructure and substructure elements, including seismic retrofitting to comply with current codes.
- Final design, value engineering, cost estimating and construction staging details.

Project Costs

<u>Requested Authorization</u>	<u>Consultants/ Staff Costs</u>
<u>Project :</u>	URS Corporation (Agreement \$6m*)
\$ 43.3 million	Prev. Auth. \$ 0.7 million
	Add'l Funding: <u>\$ 1.1 million</u>
	Consultant Total: \$ 1.8 million
	Staff Costs: \$ 3.2 million
	*\$4.2m for other GWB Projects

Cost / Schedule / Economic Impact

- Project Authorization : \$43.3 million.

- Forecast Schedule
 - Complete Final Contract Documents : 1st Quarter 2013
 - Construction Contract Award : 3rd Quarter 2013
 - Construction Completion : 4th Quarter 2015

- Economic Impact
 - Job Years : 160
 - Wages : \$10 million
 - Economic Activity : \$ 60 million