



Expert Professional Services for the George Washington Bridge

P.A. Agreement No. 415-09-304

New Jersey

Civil / Structural /
Transportation Engineers

Construction
Inspectors/Managers

Bridge Condition
Inspectors

*New Jersey
New York
Pennsylvania*

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PROJECT TYPE

Design, Bridge Inspection

PROJECT OWNER/CLIENT

Port Authority of New York and New Jersey

CONTRACT AMOUNT

\$611,000 fee

START & END DATES

04/2010 – 09/2010

ROLE

Subconsultant to URS Corporation
Bridge Engineering, Structural Engineering,
Bridge Conditions Inspections

REFERENCES

Raj Navalurkar, Ph.D., P.E., URS Corporation,
(201) 225-3280

PROJECT DESCRIPTION

The Port Authority of New York and New Jersey planned the \$10 million rehabilitation of 178th and 179th Street Ramps, Bus Ramps, and Turnaround; Upper Level Spans over New Jersey Anchorage and Hudson Terrace; and Upper Level sidewalk repairs under this contract.

SJH inspected the NJ Approaches over Hudson Terrace and developed an Inspection Report of the underside of the deck, steel bents, and abutments. Fatigue-prone cover plate end-weld locations were also inspected. The existing structure featured four spans with steel multi girders supported by steel bents. The steel stringers were continuous over some bents. Upon approval of the inspection report, we developed repair details and contract documents for the rehabilitation efforts.



SJH Engineering, P.C.