



Civil / Structural /
Transportation Engineers

Construction
Inspectors/Managers

Bridge Condition
Inspectors

*New Jersey
New York
Pennsylvania*

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Routine Inspection of 24 On and 13 Off System

Middlesex County Bridges, Group 12C7, Contract No: 2007BI633C

New Jersey

PROJECT TYPE

Bridge Inspection

PROJECT OWNER/CLIENT

New Jersey Department of Transportation

CONTRACT AMOUNT

\$112,000 fee

START & END DATES

05/2007 – 06/2008

ROLE

Prime
Bridge Conditions Inspections

REFERENCES

Tim Lertch, NJDOT Project Engineer,
(609) 530-5608

PROJECT DESCRIPTION

SJH was responsible for the Routine Inspection of 37 bridges in Middlesex County, NJ. The bridges were of various configurations, including steel, concrete, arch structures, and spanned over roadways, waterways and railroads.

Inspections concentrated on various structural elements, including superstructure primary and secondary members, concrete decking, substructure elements, abutments, piers, and other safety features such as the guiderails, and barriers.

Inspections were based on the NBIS Standards, and our inspectors completed the required SI&A forms and PONTIS codes. We inspected these bridges on two cycles. For identified deficiencies, depending on the severity of the deficiency, Priority Reports of differing levels were developed. The reports included repair recommendations with order of magnitude cost estimates. For County-owned bridges, the County was also notified of the recommended priority repairs and recommendations.



SJH Engineering, P.C.