



Civil / Structural /
Transportation Engineers

Construction
Inspectors/Managers

Bridge Condition
Inspectors

*New Jersey
New York
Pennsylvania*

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Inspection and Rating of 26 On & 23 Off-System Cumberland County Owned Bridges, Group 06A8 (CY2008), Contract No. 2008BI678A

Cumberland County, New Jersey

PROJECT TYPE

Bridge Inspection

PROJECT OWNER/CLIENT

New Jersey Department of Transportation

CONTRACT AMOUNT

\$221,000 fee

START & END DATES

08/2008 – 11/2009

ROLE

Prime
Bridge Condition Inspections

REFERENCES

Maliesh Patel, P.E., NJDOT
(609) 530-2553

PROJECT DESCRIPTION

Under this contract, we inspected forty-nine (49) bridges in Cumberland County as part of NJDOT's Routine Bridge Inspection Program. The bridges were of various configurations, including steel, concrete, arch structures, and spanned over roadways, waterways and railroads.

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

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.



SJH Engineering, P.C.