



KS Engineers, P.C.

Engineers . Surveyors
Construction Managers

New Jersey
New York
Pennsylvania
Connecticut

info@kseng.com
www.kseng.com



2002 NBIS Inspection of 83 Bridges on the Garden State Parkway

Garden State Parkway, MP 9.2 to MP 171.7

PROJECT NAME

2002-2003 NBIS Inspection of 83 Bridges on the Garden State Parkway

PROJECT OWNER/CLIENT

NJ Turnpike Authority
Garden State Parkway

START/END DATES

5/2002 – 2003



PROJECT DESCRIPTION

KS Engineers, P.C. (KSE) performed the NBIS inspection of 83 bridges on the Garden State Parkway (Parkway under and Parkway over), located from MP9.2 to MP171.7. The types of bridges included single- and multi-span, reinforced-concrete and steel structures, prestressed-concrete superstructures, and concrete and masonry arches.

Monthly progress reports were submitted, as well as Bridge Inspection Reports for each bridge inspected. Underwater inspection of abutments and piers below mean low water for eight bridges were also performed. HS20 vehicle load rating calculations and mylar drawings were done for NB and SB bridges over NJ Route 72.

For each bridge in a given month, the Master Input Forms Item 90-Date of Inspection and the condition and appraisal items (Items 58-62 and Items 67-72) were updated and forwarded to NJDOT within two weeks of the last inspection for that month. In order to minimize or eliminate traffic delays and maintain safe working conditions, inspections were conducted with a crew of adequate size and with proper MPT. Field surveys and inspections were performed in accordance with the NJTA *Design Manual* and the *Manual for Traffic Control in Work Areas*, 1999 edition.