



NJDOT, Inspection of 74 State Minor Bridges (Group L14A)

Various Counties, Central/North Jersey

Under this contract, MP Engineers inspected 74 state-owned minor bridges, group L14A, 20' or less in length, as per NJDOT's Routine Bridge Inspection Program. The objective of the project was to perform detailed inspections, prepare reports, and perform load ratings in accordance with The National Bridge Inspection Standards (NBIS) and current LRFR, LFR and ASR methods. The state owned bridges were of various configurations, including steel, reinforced concrete, prestressed concrete, arch structures, culverts, slab type structures, single span structures over waterways, and pedestrian tunnels.

Inspection focused on structural elements, including superstructure's primary and secondary members, concrete decking, overlay, sub-structure elements, abutments, piers, and other safety features such as guiderails and barriers.

Based on NBIS Standards, our inspectors completed the required SI&A forms and PONTIS codes. For identified deficiencies, depending on the severity of the deficiency, Priority reports of differing levels were developed. Reports included repair recommendations with order of magnitude cost estimates.

PROJECT OWNER:
NJDOT

REFERENCE:
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CONTRACT AMOUNT:
\$325K

START/END DATES:
June 2014 - July 2015

