

**NATIONAL BRIDGE INSPECTION PROGRAM MANAGER (NBIS)
CRAWFORD COUNTY, ILLINOIS**



NBIS Program Manager and Bridge Inspection services provided for 123 structures throughout Crawford County. Routine Maintenance/Safety Inspection of existing bridges was performed in accordance with the NBIS. Prepared and submitted Inspection Reports and Appraisal Rating forms to IDOT and the County to ensure compliance with NBIS requirements.

Bridge types include Precast Prestressed Concrete (PPC) Deck Beam, PPC I-Beam, Steel Beam, Precast Concrete Channel Beam, Steel Truss, Reinforced Concrete Slab, Reinforced Concrete Girder, Reinforced Concrete Box Culvert, Elliptical Steel Culvert, Timber Beam, Concrete Arch and Timber Pile Substructures.

Services Provided:

- NBIS Program Manager
- NBIS Bridge Inspection
- Preparation and Submittal of Inspection Reports

This project reflects Firm
and Staff experience.

**NATIONAL BRIDGE INSPECTION PROGRAM MANAGER (NBIS)
GLENVIEW, ILLINOIS**



ESI Consultants, Ltd. (ESI) is the NBIS Program Manager for the Village of Glenview managing all bridges under Village maintenance responsibility. Services have included:

Routine Maintenance/Safety Inspections of existing bridges in accordance with the NBIS. Preparation and submittal of Inspection Reports and Appraisal Rating forms to IDOT and the Village to ensure compliance with NBIS requirements.

Structural analysis of four (4) vehicular bridges maintained by the Village of Glenview was performed to determine the available load carrying capacity of each structure. The maximum allowable vehicle weights (gross, single axle, tandem axle) each of the structures can safely carry was determined. A report summarizing the study's findings was prepared for use by the Village in issuing overload permits

Provided assistance with applying for FHWA Federal Highway Bridge Program (HBP) funds for bridge replacement.

Bridge types include Precast Prestressed Concrete (PPC) Deck Beams, Continuous Steel Beam, PPC I-Beam and Pedestrian Bridges.

Services Provided:

- Routine NBIS Bridge Inspections
- Preparation and Submittal of Inspection Reports
- FHWA HBP Funding Assistance
- Structural Analysis and Load Rating

This project reflects Firm
and Staff experience.

**NATIONAL BRIDGE INSPECTION PROGRAM MANAGER (NBIS)
JASPER COUNTY, ILLINOIS**



NBIS Program Manager and Bridge Inspection services provided for 44 structures throughout Jasper County. Routine Maintenance/Safety Inspection of existing bridges was performed in accordance with the NBIS. Prepared and submitted Inspection Reports and Appraisal Rating forms to IDOT and the County to ensure compliance with NBIS requirements. Inspection revealed significant structural problems with one structure requiring immediate load posting. The structure was later replaced with ESI providing Structural Design of the new bridge.

Bridge types include Precast Prestressed Concrete (PPC) Deck Beam, PPC I-Beam, Steel Beam, Precast Concrete Channel Beam, Steel Truss, Reinforced Concrete Slab, Reinforced Concrete Girder, Reinforced Concrete Box Culvert, Elliptical Steel Culvert, Timber Beam, Concrete Arch and Timber Pile Substructures.

Services Provided:

- NBIS Program Manager
- NBIS Bridge Inspection
- Preparation and Submittal of Inspection Reports

This project reflects Firm
and Staff experience.

**NATIONAL BRIDGE INSPECTION PROGRAM MANAGER (NBIS)
LAWRENCE COUNTY, ILLINOIS**



NBIS Program Manager and NBIS Bridge Inspection services provided for the 132 structures throughout Lawrence County. Routine Maintenance/Safety Inspection of existing bridges was performed in accordance with the NBIS. Preparation and submittal of Inspection Reports and Appraisal Rating forms to IDOT and the County to ensure compliance with NBIS requirements.

Bridge types include Precast Prestressed Concrete (PPC) Deck Beam, PPC I-Beam, Steel Beam, Precast Concrete Channel Beam, Steel Truss, Reinforced Concrete Slab, Reinforced Concrete Girder, Reinforced Concrete Box Culvert, Elliptical Steel Culvert, Timber Beam, Concrete Arch and Timber Pile Substructures.

Services Provided:

- NBIS Program Manager
- NBIS Bridge Inspection
- Preparation and Submittal of Inspection Reports

This project reflects Firm
and Staff experience.

**NATIONAL BRIDGE INSPECTION PROGRAM MANAGER (NBIS)
LONG GROVE, ILLINOIS**



ESI Consultants, Ltd. (ESI) is the NBIS Program Manager for the Village of Long Grove, managing the existing bridges under Village maintenance responsibility. Services have included routine NBIS inspection, fracture critical inspection, FHWA federal fund administration and planning and design/contract documents engineering services for bridge repair and replacement. Bridge types include Precast Prestressed Concrete Deck Beams, Reinforced Concrete Box Culvert and Steel Truss.

Services Provided:

- Routine NBIS Bridge Inspection
- Fracture Critical Inspection of a Single Span Steel Truss Bridge
- Preparation and Submittal of Inspection Reports
- FHWA Funding Administration
- Planning and Design/Contract Documents Bridge Engineering

This project reflects Firm
and Staff experience.