

# ***Hutchison Engineering, Inc.***

**Since 1945**

**Jacksonville • Quad Cities • Peoria • Shorewood • Carbondale**

Since 1945, Hutchison Engineering, Inc. has provided civil engineering services to a wide range of clients on a variety of projects. Services for DOTs and Local Agencies have included Phase I - Project Report/NEPA, Phase II – Design Plans, Specifications and Estimates, Phase III - Construction Inspection/Material Testing engineering. Hutchison Engineering, Inc. routinely provides Construction Inspection (Phase III) services for federal, motor fuel tax, and locally funded urban and rural roadway reconstruction, resurfacing, full depth reclamation, and preventative maintenance projects. Specific types of projects include the following:

1. Major urban street reconstruction
2. Intersection reconstruction
3. Residential street reconstruction
4. Downtown Business District Streetscape/reconstruction
5. Hot-Mix Asphalt Resurfacing
6. Rural roadway reconstruction
7. Full-depth reclamation
8. Cold-in-Place Recycling
9. Chip Sealing and other forms of preventative maintenance

Hutchison Engineering has the technical expertise to provide the following services:

1. Design plan review
2. Shop drawing review
3. Conduct pre-construction meetings
4. DOT coordination
5. Property owner coordination
6. Utility conflict coordination
7. Materials testing
8. Quantity and Material documentation
9. Daily diaries
10. Erosion control inspections
11. Traffic control inspections
12. Change order processing
13. Pay request processing
14. Contractor conflict resolution
15. Final inspections
16. As-Built plan development
17. Final project closeout

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The following is a description of a few of our projects that show relevant experience for the On-Call Services for Construction Inspection (Phase III) Services:

**Project:** Glen Ave. Reconstruction  
**Client:** City of Peoria, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering Provided a Resident Engineer and construction inspectors for this \$5.5M federally funded, .5 mile long street reconstruction project. The project consists of the complete reconstruction of the street with new PCC jointed pavement, curb and gutter, storm sewer system, underdrain system, water system, sidewalk, shared use path, retaining walls, entrances, temporary roadways for property access, street lighting, landscaping, and pavement markings. Due to the urban nature of the project, significant coordination was required with residential and commercial property owners including weekly progress updates. HEI provided the Resident Technician, construction inspectors, and materials testers to perform daily diaries, traffic control inspections, erosion control inspections, daily quantity and materials documentation, materials testing including concrete testing, nuclear density testing, and DCP testing. Due to the project being funded with federal funds, the HEI Resident Technician routinely coordinated with IDOT.

**Project:** Dirksen Parkway Reconstruction  
**Client:** Peoria County, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering provided construction inspectors to assist the County's Resident Engineer for this 4000' long urban 4' lane roadway reconstruction project. This \$5 million, federally funded project extended from the I-474 interchange into the Peoria International Airport. The project included complete removal of the existing roadway and storm sewer system, storm sewer, curb and gutter, subbase, PCC pavement, traffic signals, roadway lighting, earthwork, pavement markings, and landscaping. HEI provided services including daily inspection and documentation, nuclear density testing, DCP testing, and PCC testing.

**Project:** Hilldale Ave. Reconstruction  
**Client:** City of Washington, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering Provided a Resident Engineer and construction inspectors for this \$5.5M locally funded, 4800' long residential street reconstruction project. The project consists of the complete reconstruction of the street with new HMA pavement, curb and gutter, utility systems, sidewalks, and entrances. Hutchison Engineering was responsible full construction inspection including quantity and material documentation,

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materials testing, and verification of contractor layout, utility relocation coordination, and property owner coordination.

**Project:** CH 16 over the Mackinaw River Bridge Replacement  
**Client:** Tazewell County, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering provided a Resident Engineer and construction inspectors for this \$5M federally funded bridge replacement project. The project featured the construction of a new 736' long, 6 span, steel plate girder structure. The project included demolition of the existing structure, new substructure including 2 abutments, 5 piers, steel plate girders, reinforced concrete deck, concrete parapets, concrete approaches and other collateral approach work. Substructure construction included driving 118 H-piles and constructing 2 cofferdams. The HEI staff were responsible for all ICORS entries including daily diary, quantity documentation and materials inspection and testing. Due to the project being funded with federal funds, the HEI Resident Engineer routinely coordinated with IDOT. Due to outstanding construction management and coordination with the contractor, the construction of this \$5 million project was completed approximately 10 months ahead of schedule. This project was awarded a 2018 APWA Award—Transportation Less than \$5 million.

**Project:** Downtown Square Reconstruction  
**Client:** City of Jacksonville, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering provided a Resident Engineer and construction inspectors for several street reconstruction/streetscape projects in downtown Jacksonville. These projects ITEP funded projects totaled nearly \$10M. The work was necessary to restore the historical integrity of the business district, calm traffic, improve safety for both motorists and pedestrians within the project limits. The projects included hand struck ADA compliant sidewalks accented with brick pavers, curb and gutter, storm sewer, reconstructed pavements, signing, street lighting, historic pedestrian scale lighting, and streetscape amenities. Hutchison Engineering was responsible for full construction inspection including quantity and material documentation, materials testing, and verification of contractor layout, utility relocation coordination, and property owner coordination.



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**Project:** Main St. Reconstruction  
**Client:** City of Mt. Sterling, IL  
**Responsibility:** Phase III Engineering

Hutchison Engineering provided a Resident Engineer and construction inspectors for two street reconstruction/streetscape projects in downtown Mt. Sterling. These projects ITEP funded projects totaled nearly \$4M. The project consisted of the reconstruction of the sidewalks and parking areas on Main Street (US 24) within the downtown business district to pre-1930's historic conditions. The work is necessary to restore the historical integrity of the business district, calm traffic at the Main St/Capitol Avenue intersection and improve the safety of both motorists and pedestrians within the project limits. The project includes hand struck ADA compliant sidewalks accented with brick pavers, curb and gutter, storm sewer, colored concrete parking lanes, signing, street lighting, historic pedestrian scale lighting, and streetscape amenities. Hutchison Engineering was responsible for full construction inspection including quantity and material documentation, materials testing, and verification of contractor layout, utility relocation coordination, and property owner coordination.