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# ROBERT J. HILDEBRANSKI, P.E.

## Licenses

- *Illinois, Professional Engineer #062-049196 (June, 1994)*
- *Indiana, Professional Engineer #PE10001292 (November, 2000)*
- *Iowa, Professional Engineer #P24790 (July, 2018)*

## Education

- *B.S., Civil Engineering - University of Illinois*
- *Undergraduate Studies, Civil Engineering - Michigan State University*
- *M.B.A. Studies, Project Management, - Keller Graduate School of Management*

## Teaching Credentials

- *Adjunct Instructor (Current)*  
*Joliet Junior College (Joliet, Illinois)*  
*-Construction Surveying*
- *Adjunct Instructor (Previous)*  
*Westwood College (Downers Grove, Illinois)*  
*- Construction Surveying*  
*- Project Management Capstone*

## Professional Certifications

- *Illinois Department of Transportation*  
*-Documentation of Contract Quantities*
- *Federal Aviation Administration*  
*FAA Part 107 - Certified UAS Pilot*  
*Issued Jun 2022 · No Expiration Date*

## Professional Positions

*Knight E/A Inc. (Member of WSP USA, Inc.)*  
*2007 – Present*  
*Director - Construction Management*

*Harbour Engineering, Inc.*  
*1994 – 1998, 2000 – 2007*  
*Vice President*

*Teng Construction, Inc.*  
*1998-2000*  
*Project Manager*

*Consoer Townsend & Assoc.*  
*1989-1994*  
*Resident Engineer*

*Alvord Burdick & Howson*  
*1988*  
*Construction Inspector*

*Envirodyne Engineers, Inc.*  
*1987*  
*Engineering Technician*

## Experience

Mr. Hildebranski has been in responsible charge of over \$450 million in infrastructure and municipal construction projects as a Resident Engineer or Project Manager. He has diverse experience in civil engineering construction & design, general contracting, surveying & business management. Mr. Hildebranski's technical and business skills have been key elements in forging successful projects to completion.

## Business Management

Mr. Hildebranski established Harbour Engineering, Inc., an engineering start-up venture (part of Harbour Contractors) in 1995 and served as its manager. He has managed staffs as large as 18 people and has been in responsible charge of capital improvement budgets in excess of \$90 million.

## Emergency Management

Mr. Hildebranski is a volunteer with the Plainfield Emergency Management Agency which serves as the main coordination point between all emergency services within the Village of Plainfield. The Agency plans for, responds to, and assists in the recovery from any major emergency or disaster that may impact the citizens and services within the Village. Agency members engage in many activities related to homeland security and emergency preparedness including severe weather spotting, hazard mitigation, hazardous materials awareness, Ground Search and Rescue (GSAR), and compliance with the National Incident Management System (NIMS).

## Transportation & Municipal Facilities

### **Elgin O'Hare Expressway - I-490 Tollway (Elgin O'Hare Western Access Project)**

Senior Construction Engineer for the Corridor Construction Manager (CCM). Responsibilities include providing design document & constructability reviews, troubleshooting construction issues, agency coordination and program reporting.

### **Illinois State Toll and Highway Authority - General Engineering Consultant (GEC)**

Senior Construction Engineer responsible for Knight's efforts as part of the Illinois Tollway General Engineering Consultant(GEC) to review and provide comments on constructability and maintenance of traffic plans prepared by outside consultants. Schedule and assist with the performance of pre-final, final & surety/warranty construction walkthroughs

### **FAI 290 – EB Eisenhower Expressway at the Circle Interchange – Retaining Wall & Roadway Reconstruction Illinois Department of Transportation, Chicago, Illinois**

Resident Engineer for the \$32 million reconstruction of the 5-lane interstate section between Loomis Street & the Circle Interchange. The project constructed both drilled shaft & soldier pile retaining walls, full reconstruction of the roadway, including new drainage, roadway lighting & ITS electrical systems.

### **IL-19 / York Road Grade Separation & Intersection Reconstruction – Illinois Department of Transportation, Bensenville, Illinois**

Resident Engineer for the \$64 million intersection reconfiguration project. The project constructed a 2-track railroad bridge for Canadian Pacific Railroad over the 2<sup>nd</sup> busiest intersection in the Chicago metropolitan area. Work included bridge substructure & superstructure construction, embankment & railroad track site preparation, MSE retaining walls, and typical roadway, drainage & electrical work.

### **FAI 55 – Arsenal Road Interchange – Illinois Department of Transportation, Channahon, Illinois**

Resident Engineer for the \$67 million interstate interchange, widening and reconstruction project. The 1.2 mile corridor improvement project constructed a new 2-lane flyover bridge & expressway interchange system to facilitate truck traffic volume increases from nearby intermodal facilities. Work included bridge substructure & superstructure construction, cast-in-place concrete retaining walls, expressway entrance & exit ramp improvements, frontage road reconstruction, high mast light towers installation and typical roadway, drainage & electrical work.

### **FAI 55 Widening & Reconstruction – Illinois Department of Transportation, Plainfield, Illinois**

Resident Engineer for the \$55 million widening and reconstruction of interstate I-55 through Plainfield & Joliet, Illinois. The 13-mile corridor improvement project widened I-55 from 2 lanes to 3 lanes. Work included bridge deck widening & rehabilitation, box culvert construction, expressway entrance & exit ramp improvements, installation of new drainage, constructed noise walls and typical roadway, drainage & electrical work.

### **Army Trail Road Reconstruction, DuPage County Division of Transportation, Bloomingdale, Illinois**

Resident Engineer for the \$8 million widening and reconstruction of Army Trail Road between Regency Drive and Swift Road in Bloomingdale, Glendale Heights and Addison, Illinois. The project widened the 0.8 mile section of arterial roadway from 4-lanes to 6-lanes. Work included box culvert construction, installation of new drainage & traffic signal systems and roadway work.

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## Emergency Management

### Certifications

[FEMA Emergency Management Institute](#)

*P-925 – CERT Basic Training*

*IS-100.B – Intro to ICS*

*IS-200.B – ICS for Single Resource & Initial Action Incidents*

*IS-700.A – NIMS*

*IS-909 – Community Preparedness*

[American Red Cross](#)

*Sheltering Fundamentals & Ops Simulation*

[National Weather Service](#)

*Trained Weather Spotter – 2018*

[Health & Safety](#)

*CPR / AED*

### Professional References

*Available by Request*

### Website

[Hildebranski.com](http://Hildebranski.com)

### Social Links

[LinkedIn Profile](#)

[The Construction Engineering Show Podcast](#)

## Transportation & Municipal Facilities (cont'd)

### Canadian National Grade Crossing, Canadian National Railroad, Munster Indiana

Technical Construction Advisor for the \$18 million 2-track grade separation project. The Town of Munster constructed a new railroad bridge as part of the 45<sup>th</sup> Street intersection reconfiguration. Primary duties included railroad representation during construction, technical & construction issue review & railroad client support.

### Canadian Pacific Railroad - Bensenville Yard Improvements, Bensenville, Illinois

Project Manager / Technical Construction Advisor for various railyard improvement projects, including construction of a new locomotive turntable, a 400 acre automobile transfer facility, and railyard coordination with the Illinois Tollway I-490 Elgin O'Hare Western Access Project. Responsibilities included assisting Knight's Resident Engineer with general project oversight, troubleshooting design & construction issues and assisting with field coordination.

### Elevated Parking Structure Rehabilitation-Entrance Road & Bridge Reconstruction, O'Hare International Airport, Chicago, Illinois

Project Manager for the \$9.3 million reconstruction of the entrance and exit road and bridge system that serves O'Hare's Parking Garage.

### IL 171 Bridge Rehabilitation Projects, Summit, Illinois

Senior Construction Engineer for the \$28 million bridge rehabilitation project. Work included existing bridge deck demolition, widening & re-decking, roadway improvements & high mast lighting system installation.

### South Lake Shore Drive Reconstruction, Jackson Park, Chicago, Illinois

Resident Engineer for the \$55 million reconstruction of Lake Shore Drive adjacent to the Museum of Science & Industry. Work included construction of 5 bridges, roadway and utility elements.

### Lake Shore Drive Relocation Program, Chicago, Illinois

Resident Engineer for the \$45 million relocation of Lake Shore Drive around Soldier Field.

### People Mover – Tampa International Airport, Tampa, Florida

Resident Engineer for the construction of a \$26 million Automated Guideway Transit (AGT) System at the Airport.

### Upper Level Roadway Bridge – Terminal 5, O'Hare International Airport, Chicago, Illinois

Resident Project Engineer for the construction of the \$6.2 million 1300 l.f. post-tensioned bridge structure fronting Terminal 5.

### Museum Campus & Burnham Park Construction, Chicago, Illinois

Resident Engineer for the \$14 million construction of parks, bikeways and parking lots adjacent to Chicago's Field Museum, Shedd Aquarium and Soldier Field.

### Access Roadways – Terminal 5, O'Hare International Terminal, Chicago, Illinois

Resident Project Engineer for the construction of the \$13 million entrance/exit roadways that provide access to Terminal 5.

### United Airlines Storm Sewer Discharge Study, O'Hare International Airport, Chicago, Illinois

Project Manager for the study of UAL's O'Hare hangars and related storm sewer systems. Study developed effluent containment mitigation methods

### Kennedy Expressway Reconstruction, Chicago, Illinois

Construction Engineer for the \$17 million 1.9 mile reconstruction of road & bridge elements between Logan Blvd. and North Ave. Work on 7 multi-span bridges consisted of deck removal and replacement, bearing retrofit, concrete and steel girder repairs.

### North-South Tollway - I-355, DuPage County, Illinois

Construction Engineer for the construction of the \$32 million 2.2 mile section of 6-lane expressway. The \$32 million section included four bridges and two toll collection facilities.

### 183rd Street Improvements, Homewood, Illinois

Construction Engineer for the widening and reconstruction of the 1.3 mile section of 4-lane arterial street. IDOT work included pavement widening to four-lanes, sewers and utility work.

### Barrington Water Main, Barrington, Illinois

Construction Inspector for the installation of residential water main.

### Storm Water Pump Station, O'Hare International Airport, Chicago, Illinois

Resident Project Engineer for the construction of the \$4.5 million 1.5 mgd pump station and emergency generator.

### Lakefront Busway, Chicago Department of Transportation, Chicago, Illinois

Cost estimating, constructability reviews and CPM scheduling for the \$30 million roadway connection between McCormick Place and Millennium Park.

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## Design/Build Projects

### **Ameritech Fiber Build Program, Various Indiana Locations**

Project Manager for the construction of fiber optic switching stations at three remote locations in central Indiana. Work included installation of a prefabricated building, foundation and sitework.

### **Teng & Associates Interior Office Renovation, Chicago, Illinois**

Project Manager for the interior renovation of 6000sf of interior office space.

### **Chicago Title Tenant Build-out, Crystal Lake, Illinois**

Assistant Project Manager for the 6500sf interior build-out for Chicago Title's Crystal Lake office.

### **Rockford Hotel, City of Rockford, Illinois**

Cost Estimating for the proposed 250,000sf hotel and conference center.

### **DesPlaines Parking Garage, DesPlaines, Illinois**

Bid preparation for the conversion of an existing 200,000sf retail shopping center to a 425 stall parking garage.

## Residential & Commercial Site Development Engineering

### **Woodlawn Park Development, 63<sup>rd</sup> Street, Chicago, Illinois**

Project Manager for the development of 140 detached single family homes, park and infrastructure improvements for the Chicago South Side neighborhood revitalization.

### **Fellowship of Love Christian Center, Lynwood, Illinois**

Project Manager for the Phase I engineering study for a multi-use church development

### **Victory Apostolic Church of God, Matteson, Illinois**

Project Manager/Engineer for the Phase I/II engineering design for the 12-acre church development project.

### **Apostolic Church of God Parking Lot Expansion, Chicago, Illinois**

Project Manager/Engineer for several individual parking lot installations.

### **Harold Ickes Drainage Reconstruction, Chicago Housing Authority**

Project Engineer for the planning, design & reconstruction of 3 City blocks of deteriorated storm sewer.

### **Rohm & Haas Drainage Study, Kankakee, Illinois**

Project Manager/Engineer/Survey Crew Chief for the production plant drainage study & improvements.

### **Seneca Refinery Product Storage Site Design & Permitting, Lemont, Illinois**

Project Manager/Engineer/Survey Crew Chief for the site development improvement that constructed a 54,430 BBL above-grade liquid asphalt storage tank.

## Airport Facilities

### **Airport Owners Representatives, O'Hare International, Midway and Meigs Field, Chicago, Illinois**

Civil Design Coordinator for the Chicago Airport's Program/Construction Manager. Work included the supervision and management of the design and construction implementation of landside and airside capital improvement projects:

- Scenic Hold Apron-\$31 million aircraft holding pad
- 9R Hold Pad-\$15 million aircraft holding pad
- Lot E Expansion-\$3.5 million parking lot expansion
- Midway Parking Expansion-\$4.5 million expansion
- Runway Edge Lights- \$1.6 million rehabilitation
- General Aviation Apron-\$1.2 million holding area
- O'Hare Heliport-\$0.4 million 2-aircraft helipad

### **O'Hare Airport Transportation System Structural Study, O'Hare International Terminal, Chicago, Illinois**

Project Manager for the structural feasibility study of the light rail system at O'Hare. Study assessed potential increased rail traffic and developed alternate passenger platform scenarios

### **Apron Paving – Terminal 5, O'Hare International Airport, Chicago, Illinois**

Resident Project Engineer for the construction of the 41 acres of apron paving around the airside perimeter of Terminal 5. The \$28 million of 15"-21" unreinforced PCC pavement serves the 21 aircraft parking positions.

## Construction Staking & Surveying Projects

Survey Crew Chief for numerous construction staking and topographic survey projects, including:

### **Chicago Park District 2007 Playground Improvements – Orland Park, Illinois**

Site topographic, utility surveys and existing condition drawing preparation for various improvements to numerous Chicago Park District playgrounds.

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## Construction Staking & Surveying Projects (cont'd)

### Local 399 Training Facility – Chicago, Illinois

The 100,000 sf office and training facility included construction & utility staking, building corner and column line.

### ITT Technical Institute – Orland Park, Illinois

The 75,000sf educational facility included work for site control point establishment, building corner layout, staking for all site civil and electrical elements, troubleshooting & as-built drawing assembly.

### Waste Management Transfer Station – Elgin, Illinois

The 25,000sf recycling facility included work for site control point establishment, coordination with adjacent survey crews, building corner layout, staking for all site civil elements & troubleshooting.

### Naperville Crossing – Naperville, Illinois

The multi-building retail center included establishing site control points, extensive building corner & column line layout, staking for all site civil and electrical elements, detention areas, troubleshooting & as-built drawing assembly.

### Freedom Commons – Naperville, Illinois

The multi-building retail and restaurant center will include site control, building, civil and electrical layout & troubleshooting.

### TNT Logistics Building, Monee, Illinois

Survey Crew Chief for the construction staking of the 15-acre warehouse & parking facility

### Drainage Reconstruction, Tri-State Tollway, Lake Forest, Illinois

Survey Crew Chief for the reconnaissance survey of a 13-mile section of I-294 from the Edens to Route 120. The project involved reconstruction of ditches within the ROW to permit proper drainage and safety criteria. Project was selected by ISHTA for an Excellence in Design award.