

Yvonne Owusu-Safo, PE, MBA

██████████ Aurora, IL 60502
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Professional Experience

Licensed civil engineer with over 15 years of significant experiences as a construction manager, project manager and resident engineer in the field of transportation planning, design and construction. Key responsibilities have involved various aspects of civil design, construction management, claim analysis and project management on multiple Department of Transportation projects such as phase I project development reports, traffic analysis, roadway design, cost estimating, change order negotiations, preparing and reviewing contractor shop drawing submittals, pay estimates, managing construction activities with contractors, subcontractors, and construction inspection staff.

Farnsworth Group, Inc., Project Experience, 8/2014 to Present

Egyptian Trail Reconstruction, Village of Monee, Illinois

Project Manager for the Phase I planning, Phase II design and Phase III construction services of approximately 0.7 miles of Egyptian Trail. Project tasks thus far have included field topography, data collection, environmental assessment, hydraulic study, traffic counts, roundabout intersection design, project development report and storm water detention. Project Manager duties have included coordination with the Client, IDOT, and Public Open Houses, internal design teams to ensure that project goals for the scope, budget and schedule are met. This project is being funded with approximately \$4.1 million of Local and Federal Funds.

HDR Inc., Project Experience, 10/2004 to 8/2014

Norfolk Southern, 51st Reconstruction of 51st Viaduct, Chicago, IL, Resident Engineer. The scope of the \$36 million project is to provide overall construction oversight for the reconstruction of the Viaduct. Main responsibilities included:

- Maintaining positive client relationship by providing regular progress updates, addressing questions and concerns and soliciting feedback
- Reviewing contractor shop drawings submittals, RFI (Request for Information), managing the construction schedule and cost, documenting quantities, reviewing contractor monthly pay application, tracking contract changes and facilitation monthly progress meetings with the Client and Contractors.
- Monitoring contractor field activities and managing inspection staff
- Inspecting the project for conformance with the contract plans and Norfolk Southern/IDOT specifications.

City of Chicago, Kedzie Avenue Bridges Construction Services, Chicago, IL, Resident Engineer. The scope of the \$6.1 million project was to perform construction management services for the reconstruction of two bridges and approximately 0.5 miles of roadway on S. Kedzie Avenue from W. 71st Street to W. Marquette Road. The roadway work included the removal and replacement drainage systems, pavements, driveways, sidewalks, ADA compliant sidewalk ramps, installation of new street lighting and landscaping. Main responsibilities included:

- Reviewing contractor shop drawings and other submittals, managing the construction schedule and cost, generating monthly progress pay estimates, addressing contract changes and request for information
- Inspecting the project for conformance with the contract plans and specifications
- Managing construction activities with the contractor and inspection staff.

City of Chicago, LED Traffic Signal Upgrade Construction Services, Chicago, IL. Construction Manager. The scope of the \$11 million project was to perform program management services for the upgrading of traffic signal at over 1200 intersection throughout the 50 wards of Chicago from incandescent to LED lights. Major accomplishments included:

- Effectively coordinating with multiple CDOT Divisions such as Division Electrical Operations Management – Traffic and Division of Engineering
- Providing frequent progress update to CDOT management and Deputy Commisioner for the Division of Traffic Operations
- Tracking the completion of each intersection and address all punch-lists items per intersection
- Successfully managing the project budget funded by three major funding sources
- Addressing changes to the contract; reviewing shop drawing submittals and addressing request for information from the contractor
- Monitoring contractor construction activities and managing inspection staff

City of Chicago/Illinois Commerce Commission Railroad Crossing Interconnect Project, Chicago, IL. Resident Engineer. The scope of the \$1 million (Job Order Contract) project included upgrading nine Metra Railroad pre-emption intersections in the City of Chicago. The work included installing new ATC controller cabinets, traffic signal upgrades with new cabling and conduits, ADA compliant sidewalk ramps, pavement improvements and new signs. Main responsibilities include:

- Coordinating with CDOT, IDOT, ICC and the contractor
- Managing and tracking project quantities and budget
- Addressing changes, reviewing contractor shop drawings and other submittals, and preparing progress payments and responding to the contractor's requests for information (RFIs)

Oregon Bridge Delivery Partners, Salem, OR, Assistant Project Manager

Oregon Bridge Delivery Partners (OBDP) is a joint venture between HDR Engineering and the Fluor Corporation to provide program management of the OTIA III State Bridge Program (\$1.3 billion) to replace/repair over 270 bridges throughout the state of Oregon. Major accomplishments included:

- Assisting the PM with construction management of over \$240 million of bridges (6 full replacement and 7 repair) located on I-5
- Preparing cost justifications and negotiating change orders. Successfully negotiated \$800,000 cost reduction proposal from the contractor
- Performing constructability reviews, bid item analysis and cost review
- Reviewing contractor shop drawings and other submittals
- Monitoring construction progress schedule and providing monthly cost reports to OBDP and ODOT management
- Ensuring timely monthly progress payment to contractor
- Facilitating weekly progress meetings with the ODOT, contractors and inspectors
- Coordinating with ODOT, FHWA, designer and multiple contractors
- Addressing contractor's request for information (RFI) and request for change (RFC)
- Managing a team of 8 construction inspectors/engineers and other staff

Chicago Department of Transportation (CDOT), Citywide Construction Program, Construction Manager

HDR is one of three consultants selected by CDOT for the management of the Citywide Construction Program. The program manages and monitors the City's in-house construction crews reconstructing of asphalt streets, concrete curb and gutter, ADA sidewalks, alleys and driveways, throughout the City's fifty (50) Aldermanic wards. Management responsibilites included:

- Coordinating with City of Chicago in-house construction and concrete/asphalt suppliers
- Facilitating weekly progress meetings with CDOT & In-House Construction management team, CDOT engineering, CDOT Commissioner or deputy commissioner
- Providing daily progress update for over 1000 individual street, alley and sidewalk projects to the client (CDOT Commissioners) to ensure accurate feedback to Aldermen and their constituents

- Performing site surveys, ordering asphalt material and closely monitored material placement yields
- Managing a staff of 20 engineers, inspectors and office personnel

Illinois State Toll Highway Authority, I-90 Open Road Tolling at Plazas 1, 5, & 7, IL. Transportation Engineer – Maintenance of Traffic. The scope of the project was to design three independent roadway segments and other major features for three toll plazas along the Northwest Tollway (I-90), north of Elgin, IL. Main accomplishments included developing multiple maintenance of traffic schemes in effort to minimize traffic impacts to the motoring public

- Designing the erosion and sediment control plans, and landscaping plans
- Computing and checked bid item quantities

Illinois State Toll Hwy. Authority, I-355 South Extension Environmental Studies. Transportation Engineer. The scope of the project was to update various studies and designs related to the South Extension of I-355. Key accomplishments included conducting traffic noise studies and analysis, designing the phase I erosion and sediment control plans, and reviewing and documenting land-use maps within the study corridor. Responsibilities also included assisting with public involvement meetings and community outreach.

Illinois Department of Transportation (IDOT), IL 394 Improvements Phase I from I-80 South to Will/Kankakee County Line, IL. Transportation Engineer. The project was an Environmental Class of Action Determination (Phase I) study for IL 394 from I-80 south to the Will/Kankakee County Line. The project involved the operational and environmental evaluation of widening and upgrading 14.5 miles of rural arterial to access controlled freeway. Key responsibilities included analyzing design alternatives and traffic.

Chicago Department of Transportation, Chicago Avenue Rehabilitation Phase II Design, Transportation Engineer. The scope of the project was to complete Phase II widening and intersection improvements for the reconstruction on Chicago Avenue. Key accomplishments included assisting with the development of the plans, specifications and quantities for the five miles of widening, utility coordination, resurfacing, and signalization. It also included designing the maintenance of traffic drawings.

Edwards and Kelcey Inc., Project Experience 10/2002 to 9/2004

Chicago Department of Transportation, Pulaski Road Traffic Signal Interconnect Project. Civil Engineer. The CDOT Pulaski Road project was a project to redesign and interconnect 25 signalized intersections along six miles of Pulaski Road from I-55 to 85th Street in Chicago.

Illinois Department of Transportation (IDOT), Interstate I-90/94 Dan Ryan Project. Civil Engineer. The Dan Ryan intelligent transportation systems (ITS) project was a multi-million project to modernize ITS equipment (micro loop detectors, video surveillance, and ramp meters) on ramps, collector distributors and the main highway.

Lucent Technologies Inc., Project Experience 05/98 to 4/02

Naperville, IL. Environmental Engineer.

Education

Master of Business Administration, Finance, DePaul University, 2004

Bachelor of Engineering, Civil Engineering, University of Illinois Urbana, 1998

Certifications

Professional Engineer, IDOT Documentation of Contract Quantities, IDOT PCC Level I & II, IDOT HMA Level I & II, IDOT Nuclear Density Tester, IDOT Pile Driving, FHWA Drilled Shaft foundations, Oregon DOT Certified Bridge Construction Inspector, and OSHA 10-HR.