Christopher J. Allen, PE, DECI

Construction Manager

EDUCATION

B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 2009

Joined Firm in 2008

Years of Experience: 17

REGISTRATIONS

Licensed Professional Engineer: Illinois

ASSOCIATIONS

American Society of Civil Engineers

IDOT CERTIFICATIONS

Documentation (22-19582) ICORS
STTP-S33 Soils Field Testing and Inspection Course
Concrete Structures
Piling
IDOT Mixture Aggregate Technician
IDOT Hot Mix Asphalt Level I Technician
IDOT Nuclear Density Tester
PCC I/IDOT/ACI Concrete Field Testing Technician – Grade 1
Module I: Fundamentals of Storm Water Pollution and Erosion and Sediment Control

Chris has completed the move from Resident Engineer to Project Manager after 17 years of experience. He provided construction observation on a variety of transportation and development projects, ranging from simple resurfacing to complex, multi-agency funded improvements. He has evaluated pavement conditions, organized permit information, enforced ADA-accessible guidelines, verified proper stormwater drainage after heavy rains, and prepared close-out documentation.

REPRESENTATIVE PROJECTS

ROADWAY RECONSTRUCTION

Lake County Division of Transportation, IL
Weiland Road Improvements (North & South)
Resident Engineer for the $25M STP-funded roadway improvements to two segments of Weiland Road, totaling 2.25 miles. Overall, these projects involved reconstructing Weiland Road from an existing two-lane asphalt pavement to a five-lane asphalt pavement, including two lanes in each direction with a center turn lane through a majority of the project. Additional improvements include an eight-foot asphalt multi-use path, a five-foot concrete sidewalk, bicycle friendly shoulder configuration, detention pond, culvert replacement, street lighting, and noise abatement wall. Project information was provided through a project website, email updates, Lake County PASSAGE real-time traffic information system, open houses, and other meetings with stakeholders.

Lake County Division of Transportation, IL
Gilmer at Midlothian Phase III
Resident Engineer for the Gilmer intersection improvement project, which enhanced safety, capacity, and multimodal access. The work included full roadway reconstruction across three corridors, new sidewalks and a multi-use path, dedicated turn lanes, upgraded traffic signals, and improved drainage infrastructure-all aimed at modernizing aging infrastructure and strengthening regional connectivity.

Lake County Division of Transportation, IL
Wadsworth Rd at Green Bay Rd Intersection Reconstruction
Assistant Resident Engineer for intersection reconstruction consisting of asphalt reconstruction and widening of the intersection of Wadsworth Road and Green Bay Road (IL 131). The improved intersection has two through lanes with right and left turn lanes on Green Bay Road in each direction, and two through lanes with left turn lanes on Wadsworth Road in each direction with a modernized traffic signal. The intersection of Wadsworth Road and Cambridge Drive was also reconstructed with a permanent traffic signal installed. Continued messaging was delivered through a project website and emails, and by working with the Lake County PASSAGE (Live Traffic) System.

Module III: Inspection of Erosion and Sediment Control Best Management Practices (BMPs)

CERTIFICATIONS

Certified Designated Erosion Control Inspector, Lake County Stormwater Management Commission

CONTINUING EDUCATION

Doug Cartland, Inc.
"Creating Excellence in Communication and Customer Relations" training, 2016

Doug Cartland, Inc.
"Problem/Communication Resolution" training, 2017

Grayslake, IL
Center Street and Lake Street Improvements
Resident Engineer for the $1.8 million STP-funded water main replacement and lining and resurfacing on Center Street from Seymour to IL 83. The project consisted of water main improvements on Center Street, curb repairs and installation, sidewalk repairs and ADA compliance, storm sewer improvements, HMA pavement removal, and HMA resurfacing. Lake Street work included removal of the existing roadway and aggregate base, installation of storm sewer, new curb and gutter, aggregate base course, sidewalk repairs and ADA compliance, and new HMA binder and surface. Construction was completed at night to minimize disturbance in the downtown area. Coordination with businesses was necessary to note concerns and keep project stakeholders informed of the work.

Grayslake, IL
Atkinson Road STP Improvements – Brae Loch to Washington
Provided engineering services for the preparation of a Project Development Report, final contract documents, and construction services for roadway improvements and processing through the Illinois Department of Transportation (IDOT). An Intersection Design Study of the Atkinson Road/Brae Loch Road intersection was performed. Plats and legal descriptions for two proposed right-of-way acquisitions within the project limits were developed. Design improvements included resurfacing and reconstruction of the three-lane roadway, curb and gutter removal and replacement, sidewalk removal and replacement, adjustment of drainage structures, storm sewer replacement, traffic signal installation, thermoplastic pavement markings, and parkway restoration.

ROADWAY RESURFACING/REHABILITATION

Wheeling, IL
IL 68 at Community Boulevard STP Intersection Improvements
Resident Engineer for the STP-funded rehabilitation of the IL 68 (Dundee Road) at Community Boulevard intersection. The roadway was widened to provide 11-foot lanes, channelization was added, six driveway access points were consolidated with a new four-legged intersection, the intersection of Dundee Road and Community Boulevard was signalized, and new LED lighting was included. In addition, ROW acquisition was completed and coordinated with the US Postal Service to consolidate conflicting driveway access points and provide access to a new roadway.

BRIDGES

Waukegan, IL
Grand Avenue Bridge Reconstruction
Resident Engineer for replacement of a four-span, continuous steel girder bridge approximately 70-feet wide and 350-feet long. The bridge spans a rail yard with nine sets of active railroad tracks below. Grand Avenue is a four-lane collector roadway and serves as the gateway to the City's Lake Michigan lakefront. The concrete median was removed to accommodate new on-street bicycle lanes connecting the City's downtown to the lakefront. STP funds were added to the project to reconstruct Pershing Road, and to allow the construction of a new multi-use path.