

Reid Magner, P.E.



I have been working in the private consulting engineering field since 1998 with experience in roadway and highway design, bicycle/pedestrian facilities, storm water management and drainage design, and both sanitary and water main. I have completed more than 40 federal projects including engineering specialty reports for land acquisition and eminent domain projects where I am qualified as an expert witness through the ICC and Circuit Courts of Cook, McHenry, DuPage, Kane, Will and Lake Counties, IL.

I am engaged, enthusiastic, and volunteer throughout the Chicagoland Region with the APWA serving as their government affairs liaison and having served as their branch past-president and chapter awards chairman from 2008-2016. I have a record of large project achievements; understanding of planning, design, land acquisition, and construction services; skillful guidance and expertise extending thru the design engineering team, leadership with contagious energy and project engagement.

Essential Duties and Responsibilities include the implementation of projects in accordance with guidelines for local cities/municipalities, counties, and other state agencies utilizing local, federal, and other specialty type funding. My project work includes the design and preparation of plans, special provisions, permit applications, quantity calculations and estimates of cost and time, exhibits and engineering specialty reports for projects, and subsurface utility engineering.

I lead meetings with clients and agencies, conduct public involvement activities, as necessary, and perform day-to-day engineering tasks as dictated by workload.

Expressway Projects

- Reagan Memorial Tollway (I-88), Pavement and Structural Preservation; Illinois Tollway
- Tri-State Tollway (I-94), Stearns School Road Bridge Reconstruction; Illinois Tollway

Highway / Railroad Projects

- Granart Road Full-Depth Pavement Reclamation (FDR) and Shoulder Stabilization; Village of Big Rock
- IL Route 31 Over US Route 20; IDOT in Elgin
- US Route 41 at IL Route 132 Reconstruction and UP Railroad Bridge Replacement; IDOT in Gurnee
- US Route 30 and Norfolk Southern and Canadian National Railroad Grade Separation; IDOT in Lynnwood

Bicycle and Pedestrian Design Projects

- ADA RRFB Installations and Sidewalk Improvements; Village of Schaumburg

Utility Projects

- Eisenhower Expressway (I-290), Water Main Auger and Embankment Boring; Addison
- 143rd Street SUE Level "A" and "B", Lemont Road to Bell Road, Will County Division of Transportation

Drainage Design Projects

- Five Year Earth Embankment Dam Inspection; Collier's International
- Culvert Outfall Modifications and One Woodfield Lake Embankment Restoration; Collier's International
- Drywell Stormwater Management Facility and Storm Sewer Tie-In; Residential Property in Elmhurst

Site Design Projects

- Lake Zurich Retail Center; Midwest Design & Construction, LLC
- Fastenal Industrial Supplies Parking Lot Improvements; Extractor Corporation
- Chicago Read Mental Health Center - Life Safety and HVAC Replacement; Illinois Capital Development Board
- Chicago State University - Light Pole Replacement; Illinois Capital Development Board

Highway / Railroad Projects *(worked on while employed at Civiltech Engineering, Inc.)*

- Umbdenstock Road Bridge over the Chicago Central & Pacific Railroad; KCDOT in South Elgin
- Middlefork Savanna Trail and Bridge Overpass with Metra Railroad; LCFPD in Lake Forest
- Metra North Central Service Expansion Project and Buffalo Grove Station Improvements; Vernon Township
- Weiland Road, Lake Cook to IL Route 22; Lake County Division of Transportation
- Quentin Road Improvement, Long Grove Road to IL Route 22; Lake County Division of Transportation
- Church Road Reconstruction and Resurfacing, Grand Avenue to Irving Park Road; Village of Bensenville
- Industrial Drive Roadway Improvements; City of Elmhurst
- North Industrial Park Concrete Overlay; Village of Lombard

Bicycle and Pedestrian Design Projects *(worked on while employed at Civiltech Engineering, Inc.)*

- Middlefork Savanna Trail Connection; Lake County Forest Preserve District
- Aptakisic Sidewalk over the Canadian National Railroad; Lake County Division of Transportation

Drainage Design Projects *(worked on while employed at Civiltech Engineering, Inc.)*

- Nike Site Water Well; Village of Vernon Hills
- East Branch DuPage River Drainage Improvements Project; DuPage County Division of Transportation
- Rollins Road Extension; Lake County Division of Transportation
- Metra North Central Service Expansion Project and Detention Facilities, Vernon Township

Education and Registrations and Professional Organizations

- B.S. Civil Engineering, 1997 Purdue University
- Professional Engineer - Illinois; 062-056273
- National Council of Examiners for Engineering and Surveying - Record No. 17-775-07
- IDOT Documentation of Contract Quantities; 17-3187 (expires 12/7/2021)
- Septic Design Engineer; OWTSLIC 93-2017
- American Public Works Association – Chicago Suburban Branch President, 2011
- American Public Works Association – Chicago Awards Chair, 2012 to 2016
- American Public Works Association – Chicago Suburban Branch Awards Chair, 2008 to 2011
- American Public Works Association – Chicago Government Affairs, 2019 thru 2020