

GEOTECHNICAL PROJECT EXPERIENCE – Illinois Tollway

Wang has completed numerous major geotechnical projects throughout the Chicago Area for the Illinois Tollway. Some of the typical projects we have recently completed or are currently working on in the Chicago Area:

Subsurface Exploration and Geotechnical Engineering Analysis for the Elgin O'Hare Western Access – Cook and Du Page Counties, Illinois

Wang is performing the subsurface exploration, laboratory testing and geotechnical engineering analyses to provide recommendations for the design and construction of the Elgin O'Hare Expressway and the O'Hare Western Access Project.

- Bridge Widening and Reconstruction - Gary Avenue to I-290
Illinois Department of Transportation PTB 141-002, P-91-443-06
- Pavement Widening and Rehabilitation – Gary Avenue to I-290
Tollway Contract I-11-4014, PSB 11-3 Item 2

Subsurface Exploration and Geotechnical Engineering Analysis for Jane Addams Memorial Tollway (I-90) Pavement Widening and Bridge Rehabilitation – Cook, Kane and McHenry Counties, Illinois

Wang is performing the subsurface exploration, laboratory testing and geotechnical engineering analyses to provide recommendations for the design and reconstruction of two bridges and approximately six miles of roadway on the Jane Addams Memorial Tollway.

- Pavement Widening and Bridge Rehabilitation
Mile Post 46.4 (Illinois Route 47) to MP 52.10 (Randall Road)
Tollway Contact I-11-4021, PSB 11-4 Item 7
- Bridge Reconstruction and Widening
Mile Post 18.3 (I-90 Bridge over the Kishwaukee River)
Tollway Contract I-11-5630, PSB 11-2 Item 4
- Bridge Reconstruction and Widening
Mile Post 55.7 (I-90 Bridge over the Fox River)
Tollway Contract I-11-5631, PSB 11-2 Item 3

Interstate 294 (Tri-State Tollway) North, South and Center Sections Pavement Widening and Bridge Rehabilitation – Cook County, Illinois

Wang has performed subsurface exploration, laboratory testing and geotechnical engineering analyses to provide recommendations for the design and reconstruction of over 20 miles of I-294 in the North, Center and South Sections. The geotechnical investigation supported the design of more than 48 bridges, 63 retaining walls, 55 overhead sign structures, 15 box culverts, and two new toll plaza structures.

- Tollway Contract RR-01-8945 - 131st Street to 107th Street
- Tollway Contract RR-01-8946 107th Street to 95th Street
- Tollway Contract RR-01-8941 Wood Street to Interstate 80
- Tollway Contract I-05-5410 Dempster Avenue to Lake-Cook Road
- Tollway Contract I-05-5414 Illinois Route 60 to Illinois Route 137
- Tollway Contract I-05-5411 Illinois Route 137) to Illinois Route 132
- Tollway Contract RR-02-5115 Balmoral Avenue to Touhy Avenue
- Tollway Contract I-07-5222 Retaining Wall "A" Near Mile Post 58.0 (IL Route 60)