



ELGIN-O'HARE WESTERN ACCESS (EOWA) DESIGN – LIVELY BOULEVARD TO SUPREME DRIVE

Illinois Tollway

AES provided civil engineering and surveying services as a subconsultant for the design of the proposed \$300M Elgin-O'Hare Expressway and O'Hare Western Access (EOWA) from Lively Boulevard to Supreme Drive. This project included new roadway on a new alignment. The Elgin-O'Hare Expressway (IL Route 390) is being constructed as a Tollway facility, including three through lanes in each direction, frontage roads, interchanges, full electronic tolling, bridges, and extensive ITS appurtenances. The portion between Lively Boulevard and Supreme Drive was designed in two separate packages: The initial contract (I-15-4630) included rough grading at the west end of the project, new bridges carrying Lively Boulevard over IL Route 390, and construction of frontage roads at the west end of the project. The final contract, I-15-4644, includes the remaining frontage road work and construction of the mainline IL Route 390 pavement within the project limits, including bridges over IL Route 83, toll plazas, ITS, ramps, frontage roads and frontage road intersections, traffic signals, extensive maintenance-of-traffic, signing and striping.

AES also performed Utility Coordination services. The proposed EOWA facility corridor is located directly over existing Thorndale Avenue, which also happens to be a significant corridor for existing utility facilities. Working with the Design Section Engineer, the Corridor Design Manager, the Corridor Construction Manager, the Tollway utilities team, and affected utility owners, AES participated in the utility engineering process. This work included identifying all potentially affected utilities within the project limits, working with the designers to determine which utilities would be impacted, working with the utility owners on their designs and schedules for relocations, and assisting the Tollway with documentation for utility relocations and potential reimbursements from the Tollway. This section impacted over 100 separate utility facilities owned by 20 different entities.