TRAFFIC ENGINEERING SERVICES

A community's roadways are its lifeblood. Vehicular accessibility is not only critical to a community's everyday operations, but to its overall commercial and industrial success. KZF's Traffic Engineering Staff provides practical, cost-effective solutions to ensure the overall efficiency and safety of your community's roadways.

Services

- Traffic signal design
- Intersection planning
- Traffic calming
- Access management
- Signal system design
- Guide sign structure and signing
- Pavement marking plans
- Systems analysis
- Speed studies
- Traffic modeling
- Interchange studies
- Capacity analysis

Symmes Road Extension, Butler County

KZFDESIGN

Widening from Kemper Rd to Tylersville

Client: Butler County, Ohio TID

KZF provided developmental construction plans for a 6.4 mile widening of I-75 between I-275 and Tylersville Road. The project required the widening and deck replacement of four mainline twin bridges and one single bridge, signage plans, noise wall plans at three locations including two public meetings, lighting plans, ramp widening, maintenance of traffic plans and repair plans for a twin multi-plate culvert.

Union Centre (Symmes Road) Extension

Client: Butler County, Ohio TID

KZF provided construction plans for approximately two miles of a new four-lane highway that serves as an extension between Seward Road and SR 747 in Butler County. The project includes a new 363' long, three-span bridge over N&S Railroad and Mill Creek, a new three-barrel, three-sided Conspan Bridge and numerous drainage structures, traffic signal, signing, water main modifications, environmental permits and wetland mitigation.

Paddock Road Interchange with I-75

Client: City of Cincinnati, Ohio

KZF provided A/E services, including an environmental assessment, preliminary engineering and construction plans for the $13 million one-mile widening and reconstruction of Paddock Road and the interchange with I-75. The design included a new storm sewer system, reconstruction of Seymour Ave and Summit Road, lighting plans, signage and pavement marking, right-of-way plans, maintenance of traffic plans, and the modification of arched plate girder bridge across I-75. An Art Deco inspired bridge spans I-75 with four precast concrete towers and lettering spelling out 'CINCINNATI' that are lit at night.

Our Traffic Engineering staff is experienced in the planning and design of roadways and signal systems.

Jon Wiley, PE
Senior Traffic Engineer

Jon is responsible for both the technical and management aspects of all traffic engineering including signal design, impact studies and corridor improvement projects, as well as design and management for a wide range of roadway and planning project scoping. He pre-qualified by the Ohio Department of Transportation to prepare environmental documents, and has been a speaker on access management and corridor improvement projects at numerous statewide and regional conferences, including the Ohio Transportation Engineering Conference and the County Engineer's Association of Ohio.