

## ROADS & HIGHWAYS



From small municipal projects to large interstate highways, the KZF road and highway design team provides the services you need for a project at any scale. Our award-winning staff is experienced in all facets of roadway design and construction—from planning and design to cost-estimation and construction administration. KZF's roadway services provide everything you need to get your project done on time and within budget.

### Services

- Aesthetics
- Bridge design
- Lane additions
- Turn-lane design
- Roadway planning
- Traffic engineering
- Feasibility studies
- Construction engineering
- Value engineering
- Shop drawings
- Pavement design/detailing
- Stormwater/sewer systems
- Peer Review and independent QC
- Construction cost estimating
- Maintenance of traffic
- Design/Build



*Butler County Veterans Highway*

**SR 132, Clermont County, OH**  
*Client: Ohio Department of Transportation*

KZF provided Stage 1 environmental studies, preliminary plans and final construction documents for the widening of SR 132. The project begins at the intersection of SR 125 and continues south for approximately one-half mile.

**CLA-70-20.92 Widening, Clark County, OH**  
*Client: Ohio Department of Transportation*

KZF provided construction plans for the widening of I-70 between SR 40 and SR 54, a length of 4.5 miles. The project included full depth pavement replacement, rehabilitation and deck replacement of two overhead bridges including 1,200' of noise barrier walls. The widening added a new 12' lane and 12' median shoulder.



*Our Transportation & Municipal Group provides expertise in both complex and non-complex roadway design.*

**Henry L. Fedders, Jr, PE**

**Director**

Hank Fedders has over 44 years of experience in various civil project types including highway design, municipal engineering, master planning and riverfront development.

**Brad Ackel, PE**

**Civil Engineer**

Brad is responsible for project management, plan review and checking, building client relationships, scheduling and staff. He has special expertise in highway and drainage design. Brad is also experienced working in city and county engineering services, environmental documentation, site development, streetscapes, parks, water supply, urban design, utilities and parking lots.

**Jon Wiley, PE**

**Senior Traffic Engineer**

Jon Wiley has 25 years of experience in traffic engineering, NEPA and documentation for grant applications.