

Bio

Greg Parsons, P.E.
Owner



GFParsons

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Summary

- Over 25 years as a technical innovator, design engineer and project manager in transportation.
- Invented and patented the parallel flow intersection, a high capacity signalized urban intersection or service interchange.
- Experience in FDOT Districts 2 and 4 including PD&E studies for Interstate and state routes and roundabout design on state system.
- Chief engineer and project manager of preliminary development for several mega-projects involving capacity upgrade of urban Interstate and new freeway alignments.
- 11 years experience in modern roundabout planning, analysis and design, multi and single lane.
- Preliminary development and final design of urban and rural roadways, new alignments and widening, freeways and arterials.
- Intersection and interchange specialization with emphasis on urban high-capacity interchange and intersection concept development.
- Expertise in nontraditional junctions including the patented parallel flow intersection, continuous flow intersection, modern roundabout, diverging diamond interchange and superstreet.
- Chief engineer for preliminary development of I-75/I-71 Brent Spence Bridge (\$2.5 billion) and I-75 Mill Creek Expressway (\$600 million) in Cincinnati, Ohio and SR-823 Portsmouth Bypass (\$500 million) in southeastern Ohio.

Education

B.S. Civil Engineering
University of Kentucky
1986

Ask for references

Publications & Professional Presentations

Innovative Intersection/Interchange Panel
OTEC 2007

The Parallel Flow Intersection: A New Two-Phase Signal Alternative
ITE Journal Oct 2007

The Parallel Flow Intersection: A New Two-Phase Signal Alternative
OTEC 2006

Parallel Flow Intersection: A Modern High-Capacity Traffic Intersection
White Paper Feb 2006

The Modern Roundabout: An Introduction
Mid-Ohio Regional Planning Commission TAC Presentation 2003

Certifications & Professional Development

- Ourston Roundabout Design Workshop
- TRB Roundabout Conference
- McCulloch Roundabout Design Workshop
- 2-Week NEPA Certification (Ohio)
- 1-Day Cat Ex Certification (Ohio)
- Project Development Process Training
- Local Public Financing
- ADA Certification

Patents

"Parallel flow vehicle turn system for traffic intersections" U.S. Patent No. 7,135,989

Registered Professional Engineer

Florida (PE#67139)

Previous Employers

- TranSystems
- HNTB
- URS