



Established in 1966, American Structurepoint is one of the most recognized firms in the Midwest.

Our staff of 500 professionals includes over 200 engineers, surveyors, environmental specialists, right-of-way engineers, construction inspectors, and land acquisition experts working collaboratively across multiple disciplines to move projects from concept to completion. Keeping the nation's transportation infrastructure up to speed requires creativity, innovation, and a comprehensive approach that leaves no stone unturned.

American Structurepoint has a wealth of expertise in traffic engineering for numerous public and private clients. American Structurepoint works creatively to provide more than just traffic engineering services, road and bridge designs, and construction documents. Our team serves as the foundation for the entire transportation process from concept to design, from traffic studies to traffic signal improvements, and long-range planning.

Our traffic team, which includes five professional traffic operations engineers (PTOEs), has been involved in the design, operation, and maintenance of countless projects. We specialize in working with limited budgets and stretching available funds to make the biggest impact possible.

TRAFFIC ENGINEERING AND OPERATIONS STUDIES

- Complex traffic capacity and level of service analysis
- Traffic count data collection
- Traffic forecasting
- Traffic modeling
- Traffic simulation
- Parking supply and demand studies
- Intersection capacity analysis
- Highway weave analysis
- Roundabout operational analysis
- Roadway/freeway segment analysis
- Road safety audits (RSAs)
- Safety studies
- Traffic impact studies
- Traffic signal warrant studies
- Traffic signal system timing optimization
- Travel demand modeling (small scale)

TRAFFIC OPERATIONS DESIGN

- Lighting design
- Pavement markings design
- Signing design
- Traffic signal design
- Traffic signal system and interconnect design
- Traffic signal preemption design, including emergency vehicle, rail crossings, and transit

TRAFFIC MODELING SOFTWARE CAPABILITIES

- Vistro
- Visum
- Vissim
- Synchro/SimTraffic
- TransModeler
- HCS
- SIDRA

TXDOT TRAFFIC PRE-CERTIFIED CATEGORIES

7.1.1 Traffic Engineering Studies

7.3.1 Traffic Signal Timing

8.1.1 Signing, Pavement Marking, And Channelization

8.2.1 Illumination

8.3.1 Signalization

8.6.1 Rail-Highway Design

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SOCIAL

Design Firm of the Year
ENR Midwest, 2018

Top 500 National Engineering Firm
Engineering News-Record, 2020

No. 2 Largest Engineering Firm in Indianapolis
Indianapolis Business Journal, 2020

No. 9 Largest Environmental Firm in Indianapolis
Indianapolis Business Journal, 2020

No. 1 Indiana Design Firm
ENR Midwest, 2020

No. 12 Midwest Design Firm
ENR Midwest, 2020