



AMERICAN
STRUCTUREPOINT
INC.



TRANSPORTATION SERVICES
INDIANA

Offering strength in numbers, stability that lasts, and innovative solutions, American Structurepoint provides complete consulting and comprehensive design services.

COST SAVINGS

Our seasoned professionals produce innovative solutions that have saved over \$215 million in the past several years. We collaborate with contractors to develop alternatives that provide the owner with designs of equal or better value while reducing construction costs for the contractor.

CAPACITY

We have a staff of more than 500 engineers, architects, designers, and other specialists who deploy to meet any production need. Our people do what it takes to successfully complete any project, and they have the flexibility to react to rapidly changing production requirements.

SUCCESS

Over the past ten years, we have been involved in over two dozen very successful, large design/build projects. Our contractor-led teams have won many of these projects ranging in size from \$10 million to over \$750 million.

DOT EXPERTISE

Our transportation leaders are known for their experience on some of the most complex interstate projects. We know DOT design policies, procedures, and standard practices, and we can assist contractors in determining which designs have a high probability of being approved by the owner.

TOP 500 NATIONAL DESIGN FIRM, ENGINEERING NEWS-RECORD, 2020
NO. 12 MIDWEST DESIGN FIRM, ENR MIDWEST, 2020
NO. 1 INDIANA DESIGN FIRM, ENR MIDWEST, 2020
NO. 2 LARGEST ENGINEERING FIRM, INDIANAPOLIS BUSINESS JOURNAL, 2020



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KEYSTONE PARKWAY CORRIDOR Carmel, Indiana

Services: Transportation, Environmental, Land Surveying, Construction Inspection, Architecture

Owner: City of Carmel **Cost:** \$112 million

- » Fast-track design of a 4-lane expressway,
- » Grade-separated, full-access, roundabout interchanges at six intersections
- » Evaluated use of modern roundabouts in various configurations for the interchanges
- » Right-of-way acquisition for 41 parcels



I-65 ADDED TRAVEL LANES DESIGN/BUILD Boone County, Indiana

Services: Transportation, Environmental, Land Surveying

Owner: Indiana Department of Transportation **Cost:** \$150 million

- » Program management, design/construction oversight
- » 11-mile stretch interfacing with 4 interstate interchanges and added travel lanes
- » 4 bridge rehabs and 1 bridge replacement
- » Fast tracked and ready for letting seven months from notice to proceed



I-75 WIDENING (MOT 75) Dayton, Ohio

Services: Transportation, Land Surveying

Owner: Ohio Department of Transportation **Cost:** \$57 million

- » Reconstructed and widened 1.33 miles
- » Established 3-lane continuity, removed geometric deficiencies, and updated entrance/exit ramps
- » 18 new bridges, rehabilitation of 4 bridges, and removal of 3 bridges
- » Relocation of existing traffic signal at an intersection



I-71 DESIGN-BUILD Morrow County, Ohio

Services: Transportation, Land Surveying

Owner: Ohio Department of Transportation **Cost:** \$42 million

- » 7.35-mile roadway
- » Pavement removal and replacement
- » Added travel lane
- » Three bridge replacements



I-69 EXPANSION, SECTION 5, P3 DESIGN-BUILD Monroe and Morgan Counties, Indiana

Services: Transportation, Environmental, Land Surveying, Construction Inspection

Owner: Indiana Finance Authority, Indiana Department of Transportation

Cost: \$325 million

- » Technical procurement advisor services for this P3 design-build project
- » Design and construction oversight
- » 21 miles of roadway upgrade
- » 4 new overpasses, 4 interchanges, added travel lanes



US 31 CORRIDOR Tipton and Howard Counties, Indiana

Services: Transportation, Environmental, Land Surveying

Owner: Indiana Department of Transportation **Cost:** \$354 million

- » New 13-mile corridor with 36 new bridges and 6 interchanges
- » 28 subconsultants; 60 employees
- » Improved safety, reduced traffic congestion and travel time
- » Reliable and efficient movement of commerce and regional travel for this Statewide Mobility Corridor pilot project
- » Right-of-way acquisition for 197 parcels



OHIO RIVER BRIDGES EAST END CROSSING P3 DESIGN-BUILD Clark County, Ohio

Services: Transportation, Environmental, Land Surveying

Owner: Indiana Finance Authority, Kentucky Transportation Cabinet

Cost: \$763 million (total), \$125 million (Section 6)

- » 4 miles of new 4-lane divided highway
- » Reconstruction and addition of interchange roadways and ramps
- » 18 bridges over creeks, roadways, and railroads
- » Improved cross-river mobility and enhanced safety



US 421 (MILTON-MADISON BRIDGE) OVER OHIO RIVER Madison, Ohio

Services: Construction Inspection

Owner: Indiana Department of Transportation **Cost:** \$100 million

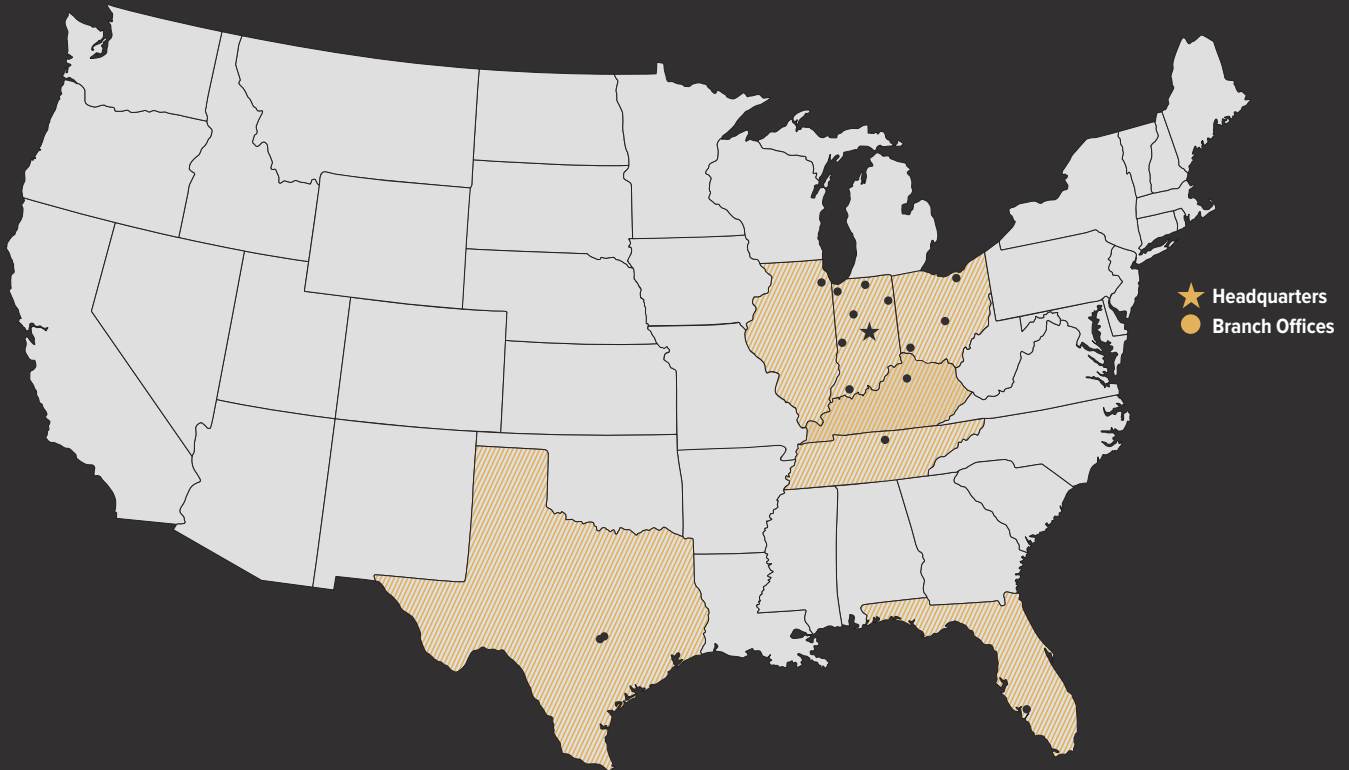
- » New 0.696-mile bridge and bridge pier rehabilitation
- » 3,117 feet from south abutment to the center of the north abutment
- » Construction of new superstructure and approach piers, abutments, approaches,
- » retaining walls, and pedestrian bridge
- » Temporary bridge supports constructed adjacent to existing bridge

TRANSPORTATION SERVICES

Roads | Bridges | Traffic | Rail | Utilities | Land Acquisition
Environmental Permitting | Land Surveying | Construction Inspection

CONTRACTOR DESIGN SERVICES

Design/Build | Value Engineering Redesigns | Demolition Plans
Temporary Wall Designs | Falsework / Temporary Tower Designs
Beam Handling / Erection Calculations | Crane / Equipment Load Impacts
Environmental Design/Erosion Control | Temporary Bridge Design
Maintenance-of-Traffic Sequencing Revisions | Post-Tensioning and Grouting Inspection



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