



AMERICAN
STRUCTUREPOINT
INC.



TRANSPORTATION SERVICES
OHIO

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

FUNDING

Our team understands the importance of pursuing additional funding sources to support local projects. Our designers have worked with local agencies to help secure millions of dollars in additional funds to help progress projects that otherwise would not have moved forward. In today's economy, this is a critical component of any project.

CAPACITY

We have a staff of over 100 Ohio professionals and more than 550 engineers, architects, designers, and other specialists who deploy to meet any production need. Our people do what it takes to successfully complete any project, with the flexibility to react to rapidly changing production requirements.

SUCCESS

Over the last 20 years, our Ohio offices have managed the design of projects with upwards of an \$80 million construction cost. Our projects range from small intersection and culvert improvements to triple-lane roundabouts to multi-level interchanges and river crossings. We team with our clients to create and deliver their vision.

ODOT AND MUNICIPAL EXPERTISE

Our transportation leaders are known for their experience on some of the most complex interstate projects. We know 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.

No. 8 Central Ohio Engineering Firm, Columbus Business First, 2022

No. 13 Midwest Design Firm, ENR Midwest, 2021

Top 200 National Engineering Firm, Engineering News-Record, 2021



WALID GEMAYEL, PE
Senior Vice President/Partner

32 years of experience
wgemayel@structurepoint.com
614.581.7558



KYLE MESSAROS, PE
Project Manager

20 years of experience
kmessaros@structurepoint.com
614.203.2149



ED KAGEL, PE
Regional Services Director

21 years of experience
mraubenolt@structurepoint.com
216.296.4620



ROB CHAPPELLE, PE
Project Manager

17 years of experience
rchappelle@structurepoint.com
216.302.3694



TOM HIBBARD, PE
Group Leader, Transportation

34 years of experience
thibbard@structurepoint.com
614.284.6088



MIKE LONG, PE
Project Manager

16 years of experience
mlong@structurepoint.com
614.403.5292



MIKE RAUBENOLT, PE
Group Leader, Road

21 years of experience
mraubenolt@structurepoint.com
614.376.6995



CHRIS BETTINGER, PE
Bridge Design Lead

19 years of experience
cbettinger@structurepoint.com
614.353.7676



FRANK ARANSKY, PE
Project Development Director

22 years of experience
faransky@structurepoint.com
614.205.7398



BRIAN BINGHAM, PS
Survey, Right-of-Way Manager

15 years of experience
bbingham@structurepoint.com
614.352.7113



DAVID JOHANSEN, PE
Director of Construction
Solutions, Ohio

37 years of experience
djohansen@structurepoint.com
419.651.4461



VALERIE KLINGMAN, PE, PS
Senior Project Manager

35 years of experience
vklingman@structurepoint.com
937.243.1015



DARREN SCHIMMOELLER, PE
Director of Development, Ohio

30 years of experience
dschimmoeller@structurepoint.com
419.302.1745



RICK PAUL, PWS
Environmental Scientist

15 years of experience
rpaul@structurepoint.com
614.296.1766



SR 83 – MILLS ROAD ROUNDABOUT
NORTH RIDGEVILLE, OHIO

Services: Transportation, Environmental
Owner: City of North Ridgeville **Cost:** \$1.2 million

- » Reconstructed congested four-way, stoped-controlled intersection into modern single-lane roundabout
- » Construction of new curb and gutter work, signage, street lighting, landscaping, and storm drainage
- » Field survey, traffic analysis, maintenance of traffic, right-of-way plans, utility relocation
- » Improved traffic flow, reduced traffic congestion, and increased safety



RIGGINS ROAD EXTENSION
HILLIARD, OHIO

Services: Transportation, Land Survey, Construction Inspection
Owner: Franklin County **Cost:** \$2.7 million

- » Extended road 1,600 feet
- » Extension designed as a 3-lane section graded to accommodate an anticipated future 5-lane section
- » Reconstructed a “T” intersection with a modern roundabout
- » Roundabout provides 2 lanes of travel in the east and west directions; 1 lane of travel in the north and south directions



GEMINI PARKWAY EXTENSION, DESIGN BUILD
COLUMBUS, OHIO

Services: Transportation, Land Survey
Owner: Ohio Department of Transportation **Cost:** \$14 million

- » Realignment of Worthington Road from Polaris Parkway to Gemini Parkway
- » Gemini Parkway extended from Orion Place eastward to Worthington Road
- » Realignment of Worthington Road, East Powell Road, Old East Powell Road, and Olde Worthington Road
- » New sidewalks, shared-use paths, traffic signals, street lighting, storm sewer, sanitary sewer, water lines, landscaping, and traffic-control devices



MUNICIPAL BRIDGE INSPECTIONS
CENTRAL AND SOUTHEASTERN OHIO

Services: Transportation
Owner: Ohio Department of Transportation

- » Annually assessing the condition of more than 350 city and village bridges throughout central and southeastern Ohio
- » Performing fracture-critical inspections
- » Preparing final summary of inventory and operating ratings



**MILL CREEK EXPRESSWAY PHASE 5A
(HAM-75-3.84) DESIGN-BUILD**
CINCINNATI, OHIO

Services: Transportation

Owner: Walsh Construction **Cost:** \$86 million

- » Adding northbound and southbound travel lanes
- » Replacing and resurfacing pavement
- » Separating the combined sewer system within the ODOT right-of-way
- » Geometric reconfiguration of interchange to improve safety
- » Rehabilitation/replacement of five structures



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 and exit ramps
- » 18 new bridges, rehabilitation of 4 bridges, and removal of 3 bridges
- » Relocation of existing traffic signal at an intersection



ELM STREET RAILROAD GRADE SEPARATION
LIMA, OHIO

Services: Transportation, Construction Solutions, Environmental Services

Owner: City of Lima **Cost:** \$9.7 million

- » Federally funded LPA project called for an underpass beneath the track
- » Roadway reconstruction, widening, and realignment
- » Roundabout implemented at five-legged intersection



OSU STREET AND BRIDGE MAINTENANCE
COLUMBUS, OHIO

Services: Transportation, Environmental, Construction Inspection

Owner: The Ohio State University **Cost:** \$2.1 million

- » 10 individual projects on OSU's main campus: 1 bridge rehabilitation, 8 roadway rehabilitation/reconstruction/resurfacing projects, and 1 sidewalk
- » Improved conditions for campus pedestrian and vehicular traffic, extended life of facilities



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



EMERALD PARKWAY IMPROVEMENTS

COLUMBUS, OHIO

Services: Transportation

Owner: City of Columbus and City of Dublin **Cost:** \$5.2 million

- » Widened 0.49 mile of Emerald Parkway from 3 to 5 lanes
- » Preliminary engineering study for intersection with 4 major roadways and intersections
- » Analyzed traffic operations for 7 alternatives in combinations of roundabouts, traffic signals, and lane improvements
- » Improved safety, reduced traffic congestion, and improved pedestrian and bicycle mobility
- » ODOT-style right-of-way plans with separate exhibits and legal descriptions for 37 parcels



RICHLAND AVENUE IMPROVEMENTS

ATHENS, OHIO

Services: Transportation, Environmental

Owner: City of Athens **Cost:** \$3.5 million

- » Reconstructed Richland Avenue between Dairy Lane and Canterbury Drive
- » Street design services including right-of-way acquisition
- » Installed new curbs, sidewalks, subsurface drainage, and pavement
- » Underground utility upgrades and significant storm system improvements



MASSILLON THE HUB

GREEN, OHIO

Services: Transportation, Traffic Study

Owner: City of Green **Cost:** \$2 million

- » Traffic analysis of four intersections along the Massillon Road and Corporate Woods Parkway corridors
- » Preliminary engineering included traffic simulation, intersection geometrics, maintenance-of-traffic schemes and cost estimates for roundabouts and traffic signals at each intersection
- » Detailed road design of a single-lane roundabout at Corporate Woods Parkway and Corporate Woods Circle
- » Construction of Corporate Woods Parkway and Corporate Woods Circle roundabout to begin spring 2018



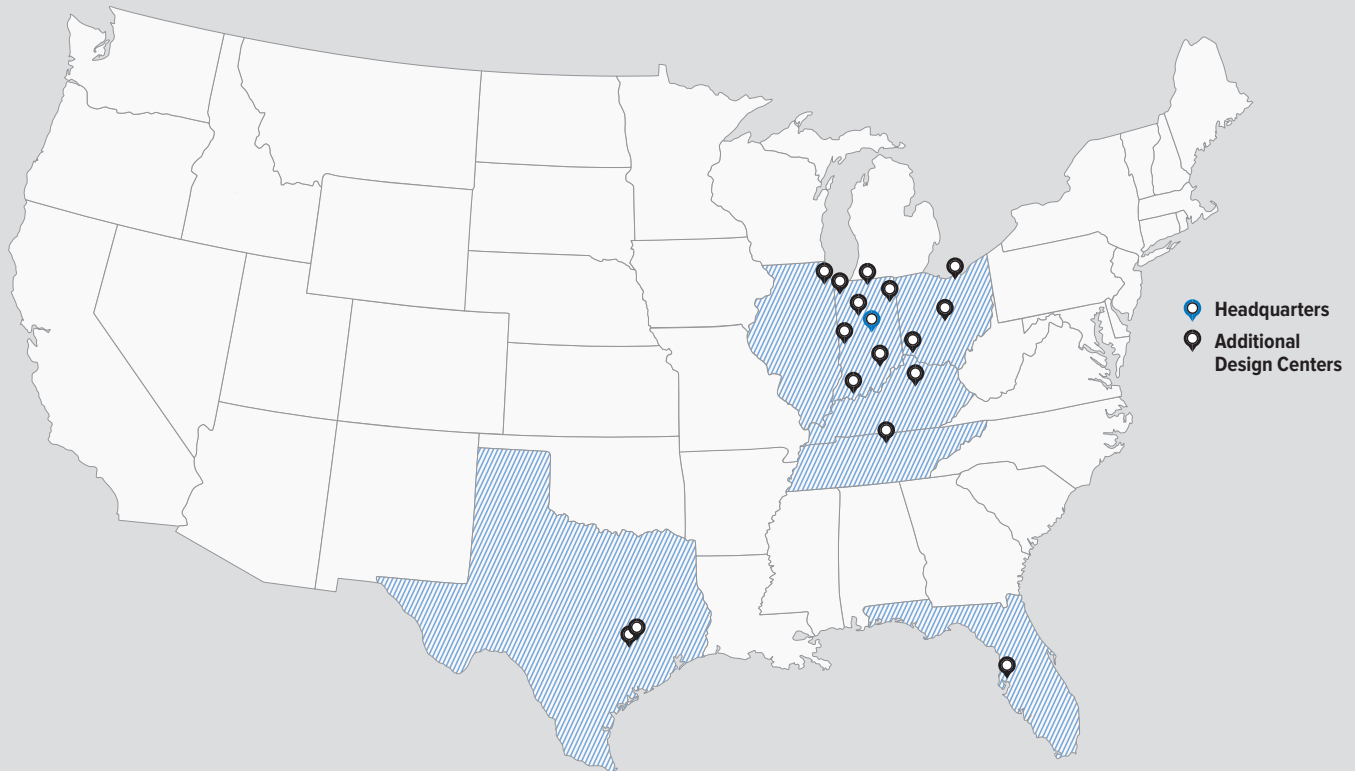
ODOT PRIME CONSULTANT OF THE YEAR, 2020

TRANSPORTATION SERVICES

Roads | Bridges | Traffic | Rail | Utilities | Land Acquisition | Bridge Inspection
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



OHIO DESIGN CENTERS

Columbus

2550 Corporate Exchange Drive, Suite 300
Columbus, Ohio 43231
Tel 614.901.2235

Cincinnati

4700 Ashwood Drive, Suite 145
Cincinnati, Ohio 45241
Tel 513.407.8317

Cleveland

600 Superior Avenue East, Suite 1305
Cleveland, Ohio 44114
Tel 216.302.3694

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