



AMERICAN
STRUCTUREPOINT
INC.



TRANSPORTATION SERVICES
FLORIDA

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 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

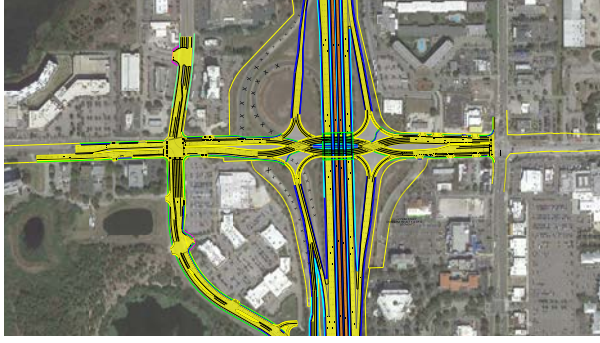
Over the past ten years, we have been involved in dozens of high-profile, successful, large-scale design-build projects. Our contractor-led teams have won many of these projects ranging in size from \$10 million to over \$2 billion.

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



I-4 SAND LAKE ROAD INTERCHANGE STUDY

Orlando, Florida

Services: Transportation

Owner: FDOT **Cost:** N/A

- » Developed viable roadway concept to rebuild complex urban interchange
- » Developed full VISSIM model for interchange alternatives to analyze traffic movements
- » Developed preliminary cost estimates and constructability reviews



I-74/I-75 MCE PHASE 5A INTERCHANGE RECONSTRUCTION DESIGN/BUILD

Cincinnati, Ohio

Services: Transportation, Traffic Engineering

Owner: Ohio Department of Transportation **Cost:** \$84 million

- » Added travel lane to north- and southbound I-75 in Cincinnati
- » Reconfigures the I-74 eastbound ramps to I-75
- » 3.5 miles of new and rehabilitated urban interstate, 7 new or rehabilitated bridge structures, and 5 retaining walls.
- » Design saved ODOT \$3 million in design costs
- » Substantial completion date of August 2021



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



RANGE LINE ROAD DESIGN, 116TH TO FOURTH STREET Carmel, Indiana

Services: Transportation, Land Surveying

Owner: City of Carmel **Cost:** \$13.5 million

- » Retrofitting and improving existing road by improving traffic flow and increasing public safety
- » Providing construction management for entire project, including removing all traffic signals and building new roundabouts at six intersections



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
- » Design and construction oversight
- » 21 miles of roadway upgrade with 4 overpasses, 4 interchanges, added travel lanes



TRANSFORM I-66, SEGMENT 3 NORTHERN VIRGINIA

Services: Transportation

Owner: Virginia Department of Transportation

Cost: \$800 million

- » 7 miles of roadway construction with 2 express lane and 3 general purpose lanes in each direction
- » 20 new, replacement, or rehabilitated bridges and 3 interchange modifications
- » Project will provide multi-modal transportation to include transit and shared-use path facilities



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



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

Services: Transportation, Environmental, Land Surveying

Owner: Indiana Finance Authority, Kentucky Transportation Cabinet

Cost: \$763 million (Sect. 6: \$125 million)

- » 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 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



SMART STREETS INITIATIVE TWO-WAY CONVERSION South Bend, Indiana

Services: Transportation

Owner: City of South Bend **Cost:** \$20 million

- » Traffic impact study for a major road diet
- » One-way to two-way conversion for several major roadways
- » Travel demand model created
- » Roadway and traffic signal modification design plans developed for ~30 intersections



I-65 ADDED TRAVEL LANES DESIGN-BUILD Johnson County, Indiana

Services: Transportation, Environmental, Land Surveying, Construction Solutions

Owner: Indiana Department of Transportation **Cost:** \$84 million

- » 30-percent plans and design-build contract documents
- » 11 miles of reconstructed and added travel lanes
- » 4 interchange interfaces, 4 bridge rehabilitations, 1 bridge replacement
- » Fast-track project (INDOT Major Moves 2020)



I-65 ADDED TRAVEL LANES DESIGN-BUILD Clark County, Indiana

Services: Transportation

Owner: Indiana Department of Transportation **Cost:** \$70 million

- » 8 miles of added travel lane in each direction
- » Reconstruction of existing northbound and southbound lanes and shoulders
- » Superstructure replacement and widening of 4 sets of twin bridges
- » Ramp resurfacing and patching at 2 interchanges



I-465/I-65 INTERCHANGE Indianapolis, Indiana

Services: Transportation, Environmental, Land Surveying

Owner: Indiana Department of Transportation **Cost:** \$36 million

- » 1 flyover bridge and 1 interchange
- » Designed on an aggressive 2-year schedule
- » Resolved immediate traffic needs while also preparing for future full-build improvements with minimal alterations to current build construction



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 miles of roadway interfacing with 4 interstate interchanges and added travel lanes
- » 4 bridge rehabs and 1 bridge replacement
- » Fast tracked and ready for letting 7 months from notice to proceed



I-71 DESIGN-BUILD Morrow County, Ohio

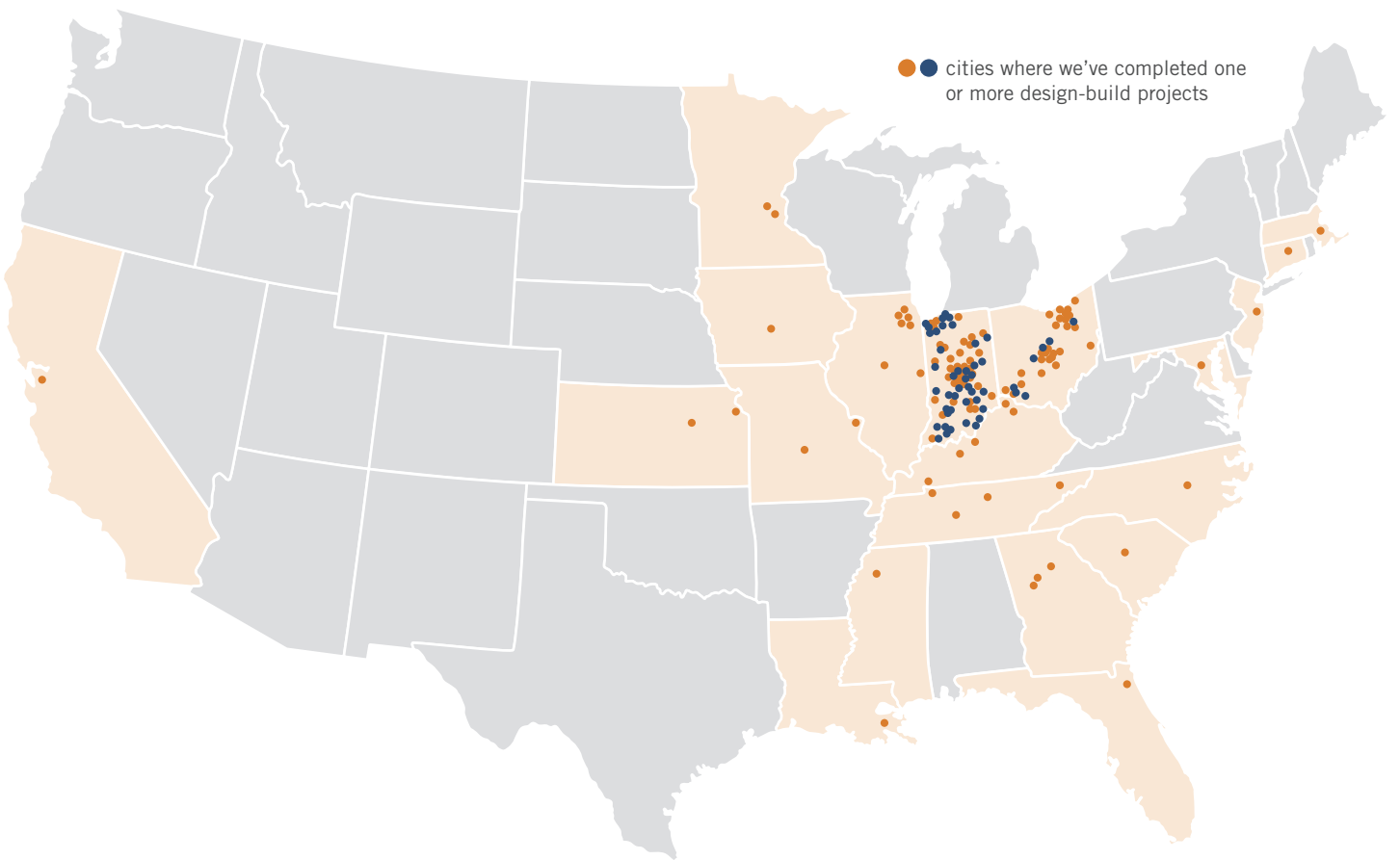
Services: Transportation, Land Surveying

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

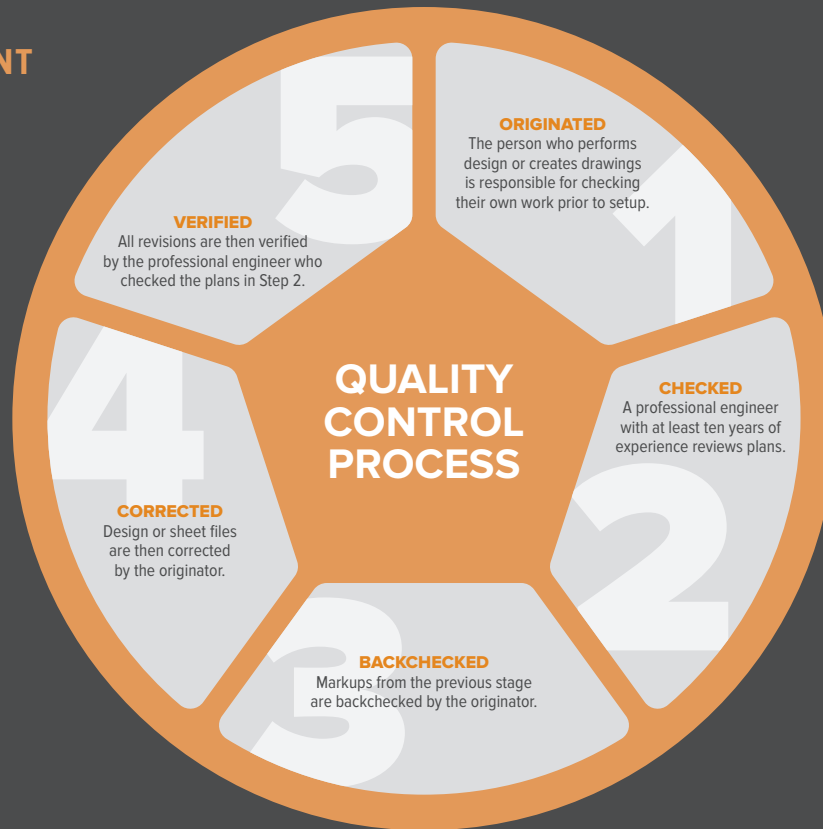
- » 7.35-mile roadway
- » Pavement removal and replacement
- » Added travel lane
- » Three bridge replacements

American Structurepoint places great emphasis on a design-build delivery model. We have completed hundreds of design-build projects, and we offer team-oriented, proactive professionals who thoroughly understand the elements necessary to ensure a successful design-build project. Our team is trained to excel under the unique demands of these projects.

<p>350+ Vertical Design-Build Projects</p> <ul style="list-style-type: none"> » Consolidated Support Center, Seymour Johnson AFB, Goldsboro, NC \$9,800,000 » Therametric Technologies, Noblesville, IN \$2,500,000 » Cordell-Hull Visitor Center, Carthage, TN \$2,600,000 » Social Security Administration Building, Indianapolis, IN \$1,982,857 » Veterans Affairs Primary Care Center, Mountain Home, TN \$1,500,000 » SFC Robert H. Deeks Jr. Language and Cultural Center, Fort Campbell, KY \$5,320,000 » Veterans Affairs Parking Structure, Indianapolis, IN \$8,837,210 » Cummins Corporate Parking Structure, Columbus, IN \$10,084,000 » SMC Manufacturing Expansion, Noblesville, IN \$20,000,000 » Battery Innovation Center, Crane, IN \$12,000,000 » Dunham's Sports Distribution, Marion, IN \$30,000,000 » Hampton Inn & Suites, New Albany, OH \$6,000,000 » Indiana University Northside Hall, South Bend, IN \$250,000 » Columbus Internal Medicine Associates, Columbus, IN \$250,000 » Nanshan American Advanced Aluminum Technology Office, Lafayette, IN \$1,100,000 » VA National Cemetery Administration Columbarium, Marion, IN \$500,000 » Hagen Dental Clinic, Moncrief Army Community Hospital, Fort Jackson, SC \$9,000,000 » Park Reserve Forces Dining Facility, Dublin, CA \$9,100,000 » Veterans Affairs Cancer Treatment Center, Mountain Home, TN \$1,000,000 » Reebok Distribution, Indianapolis, IN \$12,800,000 	<ul style="list-style-type: none"> » ThyssenKrupp Crankshaft Division, Veedersburg, IN \$4,000,000 » Celadon Truck Terminal, Indianapolis, IN \$5,000,000 » Apria Healthcare, Columbus, OH \$2,160,000 » Landerbrook Corporate Center, Mayfield Heights, OH \$9,000,000 » Best Buy, Cleveland, OH \$4,000,000 » Park Center, Independence, OH \$13,000,000 » Gap, Inc., Groveport, OH \$42,000,000 » Nationwide Insurance, Dublin, OH \$35,000,000 » Noblesville Medical Arts, Noblesville, IN \$2,430,000 » Turfway Crossing, Florence, KY \$2,000,000 » Marine Corps Reserve Center, Grissom Air Base, Peru, IN \$4,262,000 » Indiana Heart Physicians, Indianapolis, IN \$6,850,000 » Indianapolis Fruit, Indianapolis, IN \$4,000,000 » Custom Concrete Corporate Office, Westfield, IN \$4,500,000 » BMW Group Financial Services, Hilliard, OH \$22,000,000 » ADENA Medical Office Building, Chillicothe, OH \$12,000,000 » Muncie Family Physicians, Muncie, IN \$3,200,000 » Aspen Office Center II, Franklin, TN \$11,000,000 » Norman Pointe II, Bloomington, MN \$40,000,000 » Riverview Medical Arts, Noblesville, IN \$3,700,000 » Kindred Hospital, Greenwood, IN \$17,000,000 » Naab Road Medical Center, Indianapolis, IN \$3,500,000 » Goodwill Outlet Store, Indianapolis, IN \$3,500,000 » Chase Bank, Avon, IN \$1,200,000 » EnerDel Battery Manufacturing Facility, Noblesville and Greenfield, IN \$480,000,000 » White River Canal Intake and Pump Station, Indianapolis, IN \$10,000,000 	<p>150+ Horizontal Design-Build Projects</p> <ul style="list-style-type: none"> » HAM-74/75 MCE Phase 5A \$84,000,000 » MRW-71 (MRW-071-12.19), Morrow County, OH \$42,000,000 » Ohio River Bridges East End Crossing, Utica, IN \$763,000,000 » CSO 012 and 013, Deep Rock Tunnel Connector Sewers, Indianapolis, IN \$6,000,000 » I-69 Section 5 from Bloomington to Martinsville P3, Bloomington, IN \$300,000,000 » Floatables Control Structure for CSO Outfall 009-010, Terre Haute, IN \$120,000 » I-65 Added Travel Lanes, Greenwood, IN \$150,000,000 » I-77/US 62 (STA-77-11.59/62-34.616), Canton, OH \$25,000,000 » I-275 (HAM/CLE-275-32.27), Clermont and Hamilton Counties, OH \$29,000,000 » I-65, Indianapolis, IN \$75,000,000 » Harding Street Inverted Siphon, Indianapolis, IN \$1,700,000 » I-65 over Grand Trunk RR Bridge, Merrillville, IN \$32,800,000 » I-65 Segment B, Lake County, IN \$30,000,000 » I-465/I-70, Indianapolis, IN \$70,000,000 » I-65/US 30, Merrillville, IN \$20,000,000 » I-80/94 Borman Expressway, Hammond, IN \$55,000,000 » Elevated Water Tanks, Hancock and Boone Counties, IN \$5,897,000 » I-70 (Super 70), Indianapolis, IN \$108,100,000 » SR 37, Monroe, IN \$10,000,000 » I-69 Expansion from I-64 to SR 68, Warrick and Gibson Counties, IN \$38,447,000 » Wastewater Treatment Plant, Cedar Lake, IN \$22,000,000
<p>Over \$2.5 billion in construction costs</p>		<p>Over \$8 billion in construction costs</p>



QUALITY MANAGEMENT



FDOT PREQUALIFICATIONS

Group 2: Project Development and Environmental (PD&E) Studies

Group 3: Highway Design - Roadway

- 3.1 Minor Highway Design
- 3.2 Major Highway Design
- 3.3 Controlled Access Highway Design

Group 4: Highway Design - Bridges

- 4.1.1 Miscellaneous Structures
- 4.1.2 Minor Bridge Design
- 4.2.1 Major Bridge Design - Concrete
- 4.2.2 Major Bridge Design - Steel

Group 5: Bridge Inspection

- 5.4 Bridge Load Rating

Group 6: Traffic Engineering and Operations Studies

- 6.1 Traffic Engineering Studies
- 6.2 Traffic Signal Timing

Group 7: Traffic Operations Design

- 7.1 Signing, Pavement Marking, and Channelization
- 7.2 Lighting
- 7.3 Signalization

Group 10: Construction Engineering Inspection

- 10.1 Roadway Construction Engineering Inspection
- 10.3 Construction Materials Inspection
- 10.4 Minor Bridge and Miscellaneous Structures

Group 11: Engineering Contract Administration Management

Group 13: Planning

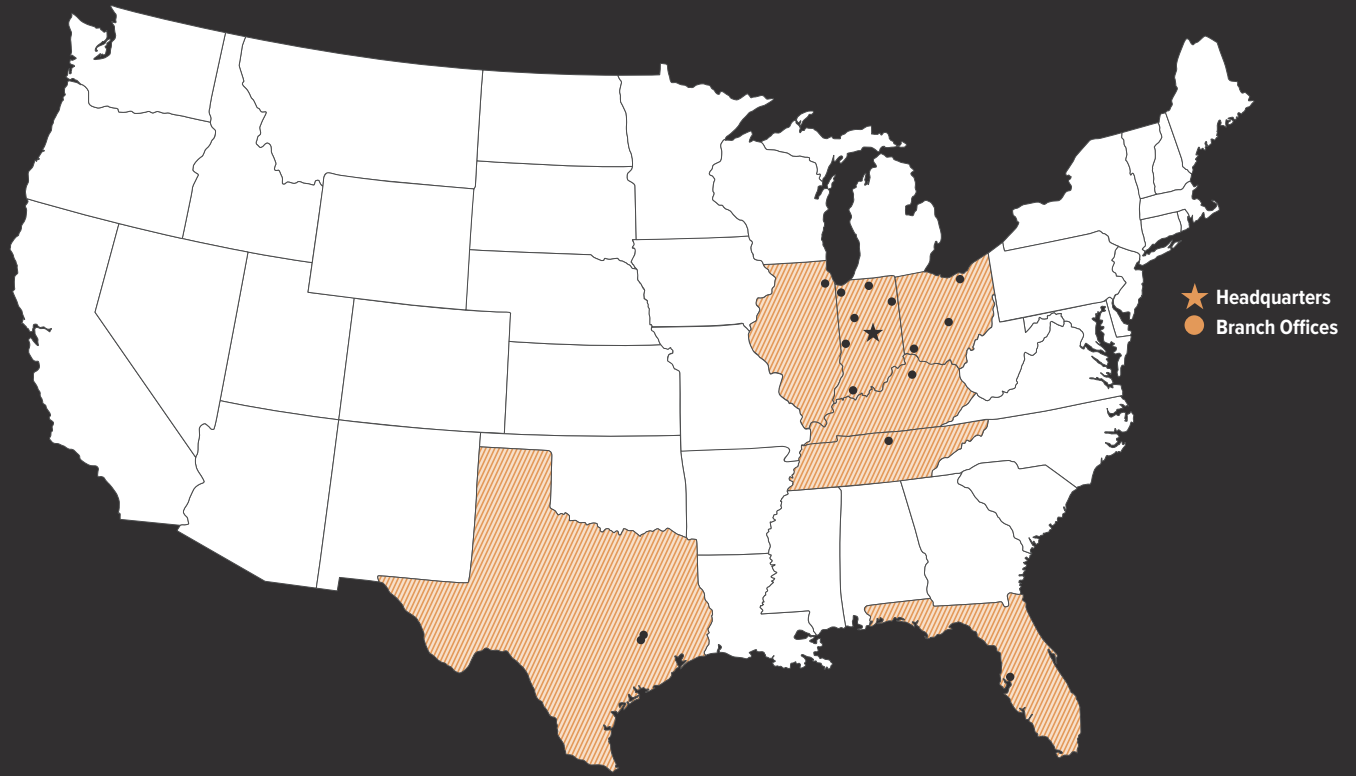
- 13.5 Subarea/Corridor Planning
- 13.6 Land Planning/Engineering

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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