## CONSTRUCTION SOLUTIONS

DEFINING THE BUILT ENVIRONMENT





#### WE ARE AMERICAN STRUCTUREPOINT

Established in 1966, American Structurepoint is an award-winning, nationally recognized architecture and engineering firm.

With approximately 750 professionals working in-house across 11 disciplines, American Structurepoint's award-winning team defines the standard of excellence for people who want help building and bettering their community. We are well-equipped and experienced to partner with you to successfully move your project from concept to completion. Our innovative experts take pride in identifying new opportunities, anticipating complexities, overcoming barriers, and maximizing your resources to help you grow. Headquartered in Indianapolis, Indiana, American Structurepoint has professionals working in 18 design centers throughout Florida, Illinois, Indiana, Kentucky, Ohio, Tennessee, and Texas to support clients nationwide.

#### MISSION STATEMENT

# AMERICAN STRUCTUREPOINT IMPROVES THE QUALITY OF LIFE FOR THE PEOPLE AND COMMUNITIES WE SERVE.



## AMERICAN STRUCTUREPOINT'S GOAL IS TO PERFORM OUR SERVICES WITH YOUR INPUT AND COLLABORATION, SO THAT WE OPERATE AS A SEAMLESS EXTENSION OF YOUR STAFF.

Our inspectors and engineers make it their priority to take on all the construction-related challenges of your project, leaving you free to take care of business as usual. Since 1966, our experience has exceeded far beyond the day-to-day activities of a construction site. We have the ability to assist you with the financial management of your projects; keep contractors on task; monitor schedules for key milestone and completion dates; and coordinate the entire process of bringing contractors, stakeholders, and designers together. Our deliberate and focused efforts are critical to delivering a successful project and meeting your project goals.

WASTEWATER TREATMENT PLANTS

MORE THAN 800 PROJECTS

SINCE 1992 RANGING FROM \$10,000
TO \$760M IN CONSTRUCTION COSTS

## #₹75 FULL-TIME INSPECTION STAFF REGULARLY INCREASING TO MORE THAN 100 INSPECTORS USING TRAINED, IN-HOUSE STAFF AND EXPERIENCED SEASONAL PERSONNEL

PROVIDING CONSTRUCTION INSPECTION FOR OVER

**30 YEARS** 

FEDERALLY FUNDED, STATE, LPA PROJECTS SINCE 1995

15 DYNAMIC CONE PENETROMETERS
10 LIGHTWEIGHT DEFLECTOMETERS
4 NUCLEAR DENSITY GAUGES
42 CONCRETE TESTING KITS

HELP MAKE SURE OUR STAFF ALWAYS HAS THE RESOURCES NECESSARY TO PERFORM THE WORK



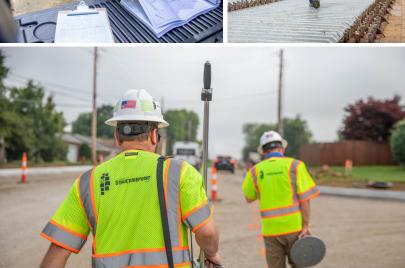












## AMERICAN STRUCTUREPOINT'S TEAM OF COMMITTED, HARD-WORKING INSPECTION PROFESSIONALS GO BEYOND SIMPLY MEASURING ASPHALT DEPTH OR LOGGING TEST DATA.

With approximately 750 experts across multiple disciplines, we can literally double our inspection team using in-house, certified personnel to handle virtually any size project. With as much as 2,000 hours a year dedicated to training, our certified inspectors are on top of new technology, regulations, and the best methods of providing inspection solutions. Additionally, our technical performance on construction inspection/administration contracts consistently receives the highest marks in both municipal and private entity evaluations. Our staff works in Indiana and Ohio providing excellent construction administration and inspection services for our clients.



#### **ACTIVE CERTIFICATIONS**

ACI Concrete Field Testing Technician - Grade I ASI Adult/Child CPR Certification-AED/First Aid

FDOT Asphalt Level 1 & 2

**FDOT Concrete Field Inspector** 

FDOT Earthwork Level 1 & 2

FDOT Final Estimates Level 1 & 2

FDOT Temporary Traffic Control Advanced

IDOT CET 030/035 PCC Level I

IDOT CET-020 Mixture Aggregate Technician

IDOT CET-023 Hot Mix Asphalt Level II

IDOT CET-024 PCC Level II

**IDOT CET-026 Nuclear Density Tester** 

IDOT CET-029 Hot Mix Asphalt Level I

**IDOT S-14 Documentation of Contract Quantities** 

IDOT S-33 Geotech Field Testing and Inspection

**INDOT Basic Surveying** 

**INDOT Bridge Inspection Safety** 

**INDOT Bridge Inspection Team Leader** 

INDOT Bridge Painting/Sand Blast Cleaning

**INDOT Certified Technician** 

Bridge Construction and Deck Repair

**Construction Procedures 1** 

**Construction Procedures 2** 

**Concrete Paving** 

**Construction Earthwork** 

Hot Mix Asphalt

INDOT Local Public Agency Certification

INDOT Project Engineer/Project Supervisor

Workshop

**INDOT Qualified Technician Tests** 

**INDOT Safety Awareness Training** 

**INDOT Site Manager** 

INDOT Superstructure Concrete Technician

**IRMCA** Decorative Concrete Certification

**IWEA Sewer Systems Operation and** 

Management

**IWEA Water and Sewage Construction Inspection** 

KYTC Aggregate Sampling Technician

KYTC Asphalt Field Technician

KYTC Erosion Prevention and Sediment Control

KYTC Grading Technician Level I

KYTC Grading Technician Level II

KYTC Pavement Marking Technician

KYTC Structures Level I Technician

MICCS Trenching and Excavation Safety

NASE Certified Commercial Diver – Basic

NASSCO Pipeline Assessment

NASSCO Trenching and Excavation Safety NETTCP Soils and Aggregate Inspector

NICET Level I

Highway Construction Inspection

Construction Materials Testing – Soils

Construction Materials Testing – Asphalt

Construction Materials Testing – Concrete

NICET Level II

**Building Construction Engineering Technology** 

Highway Materials

Water/Wastewater Plants

Land Surveying

**Highway Construction Inspection** 

Construction Materials Testing – Concrete

Construction Materials Testing – Soils

**NICET Level III** 

Highway Construction Inspection

**Underground Utilities Construction** 

**ODOT Flexible Pavement** 

**ODOT Advanced Structures** 

**ODOT Certification for Compaction** 

ODOT Construction Engineer, Level I

ODOT Construction Engineer, Level II

**ODOT Traffic Work Zone** 

**ODOT Work Type 26 Structural Steel Painting** 

Ohio Asphalt Level 2 Lab technician

Ohio Asphalt Level 3 Lab Technician
ODOT Traffic Signal and Lighting

ODOT Work Type 57 Concrete Sealer Training

Ohio Level I Aggregate Technician

OSHA Confined Space Entry Non-Entry Rescue

OSHA Construction Safety Course

OSHA Safety Training - Indiana

PADI Advanced Open Water Diving

PADI Open Water Diving

SISAC Qualified Professional Inspector

Troxler HAZMAT Certification

Troxler Nuclear Gauge Safety Training

Troxler Radiation Safety Officer training

#### **OUR LEADERS YOU KNOW AND TRUST**



David Johansen, PE
Director, Ohio Construction
Solutions Group
Years of Experience: 40+



Josh Culver, PE Group Leader, Indiana Construction Solutions Group Years of Experience: 15+



**Todd Rutledge**Administrative Manager
Years of Experience: 30+



Darren Schimoeller, PE
Director of Development
Years of Experience: 30+



**Tyler Price, PE**Director of Development
Years of Experience: 15+



Joe Dubyel, PE
Field Manager
Years of Experience: 15+



John Tucker, PE
Field Manager
Years of Experience: 30+



Matt Bobay, PE
Field Manager
Years of Experience: 25+



Tom Carrow, PE
Field Manager
Years of Experience: 30+



Scott Mullins, PE
Field Manager
Years of Experience: 30+



Jamie Baehl, PE
Area Supervisor
Years of Experience: 10+



Craig Shroyer, El Area Supervisor Years of Experience: 25+



Ahmad Ishtewi, PE
Area Supervisor
Years of Experience: 10+



Area Supervisor
Years of Experience: 10+



Todd Richardson, PE
Area Supervisor
Years of Experience: 20+



#### PERSONAL PROJECT APPROACH

Our seasoned professionals offer a deep knowledge of our profession and project circumstances, while providing guidance for every project. Our construction inspection staff are trained to take a deliberate and detailed approach to their work in both the technical and communications aspects. Our technical approach includes:

- Interacting with contractors and subcontractors firmly, while looking out for what's fair for everyone
- Detailed inspection where new work fits to existing features
- · Thorough knowledge and complete understanding of the plans and specifications
- Addressing issues quickly and concisely
- Thinking about the long-term effects of our decisions
- Detailed project paperwork and records
- Keeping up to date on all required certifications and latest technologies
- Daily agreement on quantities with the contractor
- Professionalism
- Completing and turning in final construction records within 45 days of job acceptance
- Trained and proficient with construction management software such as SiteManager, AASHTOWare Project, Appia, and e-Builder

#### PROJECT COMMUNICATION



Face-to-face introductions at the beginning of the project



Explanation letters to homeowners/business owners



Social media outreach including "X" and personalized project websites



Returning messages promptly



Following through and following up on directions given and received



Availability to those affected by the project (cell phone, email, fax, and field office)



Weekly project forecasts with pictures to all stakeholders

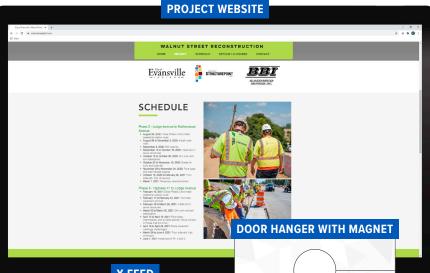


Drone photography



### WE CONTINUE TO BE AN INDUSTRY LEADER IN PROJECT-LEVEL COMMUNICATION EFFORTS.

Our team can take the lead in community outreach and stakeholder communications for any project. From weekly forecast emails detailing work completed and upcoming project work to real-time updates, project websites, coordinating on-site signage, or organizing virtual meetings, our team is experienced in finding, and implementing, the RIGHT communication approach for each project.







#### **WEEKLY FORECAST**



#### WEEKLY INSPECTOR'S FORECAST

FOR WEEK ENDING: PROJECT LOCATION: OWNER: CONTRACTOR: FIELD MANAGER: PROJECT ENGINEER: PROJECT COMPLETION: LETTING DATE: NOTICE TO PROCEED: INTERMEDIATE COMPLETION: COMPLETION DATE:

July 4, 2020 Washington and Southeast Second Street Evansville, Indiana City of Evansville Blankenberger Brothers Tyler Price Jamie Baehl December 11, 2019 January 14, 2020 November 5, 2020 May 1, 2021

#### ➤ Recent Progress (June 21 to June 27)

- Blankenberger completed installation of storm sewer, storm structures, and inlets on SE 2<sup>nd</sup> Street between Adams Avenue and Washington Avenue.
  Blankenberger continued underdrain installation on SE 2<sup>nd</sup> Street between Adams Avenue and
- Blankenberger began excavation and installation of subgrade treatment on SE 2<sup>rd</sup> Street north of Adams Avenue
- Blankenberger started grading for concrete curb installation on SE 2<sup>nd</sup> Street south of Adams Avenue.
   Hummel Electric started installation of 2<sup>nd</sup> PVC conduit on SE 2<sup>nd</sup> Street for G.I. control valves.

- Anticipated Activities for Upcoming Week (June 28 to July 4)
   Blankenberger intends to continue underdrain installation on SE 2<sup>nd</sup> Street north of Adams Avenue. Blankenberger intends to continue excavation and installation of subgrade treatment on SE Street north
- Blankenberger intends to continue grading for concrete curb installation on SE 2<sup>nd</sup> Street north of Adams Avenue

- Progress Meeting #7 was held on June 16, 2020
  Progress Meeting #8 is scheduled for June 30, 2020 at 10:00am.
  Project website can be found at <a href="https://www.se2ndwashington.com">www.se2ndwashington.com</a>.
- Project Twitter account is @SE2ndWashington.

Structurenoint staffing includes one part time Project Engineer and one full time RPR



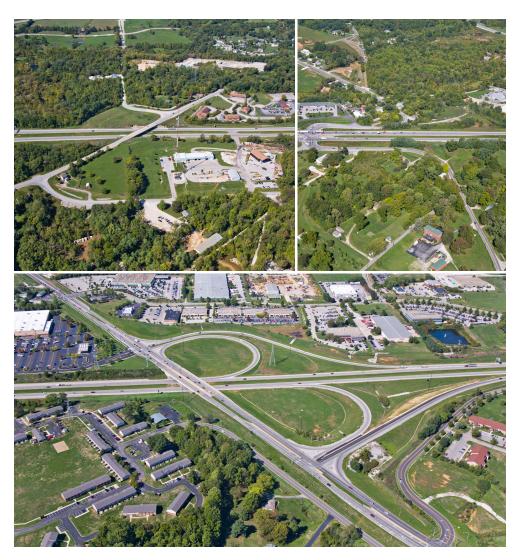
Underdrain and G.I. Control Valve installed in Str 12A on SE 2nd



Storm Str 11 and 11A and 2" PVC Conduit Installed for G.I. Control Valve

#### **EXAMPLES OF OUR SUCCESS.**

American Structurepoint's inspection professionals deliver results for many of our clients' most important projects. Our experience goes far beyond the day-to-day activities of a construction site. We help clients with the financial management of their projects, monitor schedules for key milestone and completion dates, and coordinate the entire process of bringing contractors, stakeholders and designers together. These deliberate and focused efforts are critical to delivering a successful project and meeting the project goals that extend far beyond the technical details. The following pages detail our success on construction inspection projects.



#### I-69 SECTION 5, DESIGN-BUILD (P3)

BLOOMINGTON TO MARTINSVILLE, INDIANA

#### **CONSTRUCTION COST: \$325M**

This project involves rehabilitating and upgrading 21 miles of the existing 4-lane SR 37 to interstate standards. The existing partially controlled limited-access facility will be upgraded to have fully controlled access and will include the addition of travel lanes in the north- and southbound lanes, four new interchanges at Fullerton Pike, Tapp Road, Sample Road, and Liberty Church Road, and construction of four grade-separated crossings. After construction is complete, access to I-69 Section 5 will be provided via new parallel service roads to locations where existing or new interchanges are located. This project is being constructed through a public private partnership (P3) in conjunction with the INDOT and IFA.

#### KEYSTONE PARKWAY CORRIDOR

CARMEL, INDIANA

#### **CONSTRUCTION COST: \$125M**

This locally funded project included the construction of a teardropshaped roundabout interchange at seven intersections of existing Keystone Avenue as part of the redevelopment of Keystone Parkway. The project included reconstruction of Keystone Parkway segments running north and south of the interchanges and reconstruction of portions of 96th Street, 106th Street, 116th Street, Carmel Drive, 126th Street, Main Street, and 136th Street directly east and west of the interchanges. The projects included H-pile and lagging cut walls for earth retention at the construction limits, as well as multiple architectural aesthetic features, such as decorative architectural face panel walls, PCC sidewalks, and ornamental railings.





















#### INDIANA AVENUE UNDERPASS

ELKHART, INDIANA

#### **CONSTRUCTION COST: \$10.25M**

Construction operations included replacement of all storm sewer, sanitary sewer, force main, water main, full-depth asphalt, curb and gutter, sidewalk, chain-link fencing, signage, and greenery along approximately 12 blocks of city streets. This project also included construction of 2,000 sys of modular block retaining wall, as well as 7,500 sft of modular block facing units. Construction of the bridge was made possible by constructing an approximate 0.3-mile temporary railroad runaround. The project was locally and federally funded, with work performed for the City of Elkhart through INDOT.

#### US 421 MILTON-MADISON BRIDGE OVER THE OHIO RIVER

MADISON, INDIANA TO MILTON, KENTUCKY

#### **CONSTRUCTION COST: \$103M**

The length of the new, 0.696-mile bridge from the center of the south abutment to the center of the north abutment is 3,117 feet. During construction of the bridge, temporary bridge supports were constructed adjacent to the existing bridge. The permanent superstructure deck was constructed on these temporary supports, and once the permanent piers were constructed and strengthened, the new deck was moved over and positioned on the permanent piers. During this process, traffic was allowed to continue on the existing bridge until the new deck was ready, and then drivers used the temporary bridge location until the old bridge was prepared for the new deck.





















#### WASTEWATER TREATMENT PLANT ADDITIONS AND IMPROVEMENTS PROJECT PHASE II

TERRE HAUTE, INDIANA
CONSTRUCTION COST: \$115M

American Structurepoint was the lead inspection consultant on this project, providing construction inspection and administration services for upgrades to this plant. As the new facilities were constructed on the existing plant, there was extensive coordination with the operations staff to ensure ongoing treatment operations were maintained. For ease, the project was broken into 24 different areas over the three-year period.

WORK TYPE(S):
Utility Infrastructure

### INDOT CONSTRUCTION INSPECTION ON-CALL CONTRACTS

VARIOUS DISTRICTS, INDIANA

CONSTRUCTION COST: RANGED FROM \$500,000 TO OVER \$142M

Since 2003, American Structurepoint has held 35 multi-year on-call construction inspection services contracts with INDOT for a total contract amount of \$34 million. These contracts have included over 150 individual assignments for the Seymour, Greenfield, LaPorte, Fort Wayne, Crawfordsville, and Vincennes districts. Projects have included rehabilitation, replacement, reconstruction, and new construction of bridges, roadways, interstates, interchanges, traffic signals, culverts, sidewalks, and trails.

WORK TYPE(S): Transportation









Our INDOT performance evaluation for all 4 scoring categories are above the industry average, showing our continued commitment to maintain a standard for responsiveness and keeping on budget.







#### PRAIRIE STREET RAILROAD GRADE SEPARATIONS

ELKHART, INDIANA

#### **CONSTRUCTION COST: \$10.1M**

This project included construction of a new bridge on Prairie Street over the Norfolk Southern Railroad (NSR), including approximately 1 mile of roadway reconstruction. Project elements included removal of an existing combination storm/ sanitary sewer system along Main Street and installation of new storm and sanitary sewers. This project had 43,400 sys of MSE wall construction as well as construction of a new single-span composite continuous steelwelded plate girder bridge over the Norfolk Southern Railroad. The project also included construction of a prefabricated truss pedestrian bridge over the NSR.

WORK TYPE(S): Utility Infrastructure Transportation

#### REFRESH EVANSVILLE PROGRAM MANAGEMENT

EVANSVILLE, INDIANA

#### CONSTRUCTION COST: \$20M (PER YEAR)

Refresh Evansville is a long-term strategy implemented by the Evansville Water & Sewer Utility to replace aging water mains and supporting infrastructure through the 1,000 miles of water lines within the system, of which 600 miles are cast-iron pipes with an average age of over 90 years. The program's goal is to replace 15 miles of water main each calendar year with an estimated budget of \$20 million per year. A portion of these projects are funded under the State Revolving Fund (SRF) process through the Indiana Finance Authority as well as open market revenue bonds. This has required American Structurepoint staff to assist with SRF document inclusion in the bid packages, ensure SRF documentation compliance, and facilitate accumulation of required documentation for closing out projects through the SRF process.

In addition, American Structurepoint takes a proactive approach regarding communicating and coordinating upcoming replacement projects with Evansville's associated public agencies.

To date, American Structurepoint has inspected 26 projects totaling 30 miles of new water main pipe that included 289 new fire hydrants, 811 new valves, and 2,740 service connections.

WORK TYPE(S): Utility Infrastructure Program Management







#### INDIANA AMERICAN WATER

VARIOUS LOCATIONS

**CONSTRUCTION COST: \$90M** 

American Structurepoint has provided ongoing resident project representation and construction administration services over the last 16 years on more than 375 separate water main replacement and relocation projects in 30 communities throughout Indiana, totaling more than \$90 million in construction costs. Our work has included inspection of over 115 miles (600,000 lft) of new water main along with installation of over 2000 valves, 6,500 services, and 900 fire hydrants. Additionally, since 2018, we have provided inspection services on numerous developer-installed projects to inspect facilities that will be tied into Indiana American's existing water distribution network. We also have experience with lead service line replacements.

**WORK TYPE(S):**Utility Infrastructure





#### OHIO RIVER BRIDGES, EAST END APPROACH (P3)

UTICA, INDIANA TO PROSPECT, KENTUCKY

#### **CONSTRUCTION COST: \$763M**

This project extends the current I-265 from SR 62 to a new bridge across the river on the Indiana side, and from US 42 to the new bridge on the Kentucky side. The purpose is to improve safety by eliminating traffic congestion and connecting existing highways. To help reduce the costs of the East End Crossing project, an alternative delivery method, known as a public-private partnership (P3) was utilized. With all three sections considered, nearly every aspect of heavy highway construction was utilized.

American Structurepoint provided quality control inspection and material testing services for Walsh-Vinci Construction.

#### **OHIO CITY PROJECTS**

**VARIOUS LOCATIONS** 

With inspection experience throughout Ohio, including Columbus, Pickerington, Grove City, Canal Winchester, Powell, Tiffin, Sylvania, Norwalk, and Lima, American Structurepoint knows what it takes to keep key stakeholders involved from start to finish. Our success in Ohio on projects is due to our approach to stakeholder coordination. This includes:



Detailed preconstruction documentation, i.e., video/ imagery, of existing conditions



Preconstruction review of all utility locations



Thorough field review for each project element



Identification of alternative work operations to prevent unforeseen conflicts

COLUMBUS CONSTRUCTION INSPECTION AND MATERIALS TESTING 2018-2024 COLUMBUS, OHIO



CITY ENGINEER/GENERAL ENGINEERING AND INSPECTION SERVICES PICKERINGTON, OHIO



#### MAJOR OHIO PROJECTS

**VARIOUS LOCATIONS** 







American Structurepoint has led numerous major projects throughout the state of Ohio. By leveraging our established workflows, our team continues to be proactive and maintain a deliberate approach to provide sound technical solutions with open and effective communication to all projects. A few examples include:

- I-70/71 Downtown Ramp Up: Phase 4R/6R Construction Administration and Inspection, District 6, Columbus, Ohio
- 2. I-75 Reconstruction (HAM-75-1.05), District 8, Cincinnati, Ohio
- 3. CLA-70 Lane Add, District 7, Springfield, Ohio

#### **ODOT TASK ORDERS: DISTRICTS 1,6,7,8**

**VARIOUS LOCATIONS** 

With over 10 years of experience working for the Ohio Department of Transportation (ODOT), American Structurepoint has gained significant experience as the lead consultant on numerous task-order contracts including districts 1, 6, 7, and 8.

Our services vary on each district and contract type. A few projects we have completed are:

- FRA-670-5.03
- FRA-70-7.63
- PIC-22/62-0.00/0.00
- MOT-IR75/US35-11.74/15.16N
- MOT-70-17.83
- DAR/MIA 36-13.39
- HAM 75 Sharonville Interchange
- HAM 75 Paddock Rd Pump Station
- HAM75 Rail Road Bridges
- HAM 71 Kennedy Ramps
- GRE 35 Valley/Trebein Rd Interchange

WORK TYPE(S): Transportation Program Management

#### ODOT DISTRICT 1 TASK-ORDER CONSTRUCTION INSPECTION SERVICES LIMA, OHIO



ODOT DISTRICT 6 TASK-ORDER CONSTRUCTION INSPECTION VARIOUS LOCATIONS, OHIO



#### ODOT DISTRICT 7 TASK-ORDER CONSTRUCTION INSPECTION

VARIOUS LOCATIONS, OHIO



VAR-DISTRICT 8 CONSTRUCTION INSPECTION/CONSTRUCTION ADMINISTRATION

CINCINNATI, OHIO



#### **OHIO LPA PROJECTS**

**VARIOUS LOCATIONS** 

LUC-MONROE STREET/SILICA DRIVE BRIDGE SYLVANIA. OHIO



OREGON ROAD IMPROVEMENTS (WOO-CR 107-1.73)

WOOD COUNTY, OHIO



MILL RUN ROAD RICHLAND COUNTY, OHIO



#### FISHINGER ROAD - FRA-CR52-1.82 PHASE 1 AND 2

UPPER ARLINGTON, OHIO





WINCHESTER PIKE BRIDGE REPLACEMENT (FRA-CR376-0.87),

FRANKLIN COUNTY, OHIO



WESTERN RESERVE ROAD IMPROVEMENTS, PH. I/II MAHONING COUNTY, OHIO



Having completed more than 800 projects since 1992, our inspection team has crafted an effective approach to bring the best solutions to your community!



ODOT LPA Project Expertise



**Project Specific Qualifications** 



Turn-Key Site Understanding



**Proactive MOT Coordination** 



Innovation Through Communication



Attention To Details



**Quality Delivered** 

WORK TYPE(S): Transportation Utility infrastructure



#### **OUR RESULTS.**

Our seasoned experts produce valuable results for the clients and communities we serve. Here are a few examples:



We encourage community interaction and take a proactive approach in dealing with the public to help improve community cooperation.



American Structurepoint takes on the task of administering construction projects by reviewing and observing the progress and processes underway in construction. We'll even help you coordinate responses from multiple design disciplines!



We put great emphasis on responding to requests immediately, and we stress the big picture when addressing concerns and issues in the field.



Our professional inspectors offer open and effective communication to keep a project on schedule.



Our inspection staff scores above industry average in all four scoring categories for INDOT.



We are 100% committed to your project's success.



We offer 75 full-time inspection staff, with the ability to quickly double our staff using trained in-house personnel.



ARCHITECTURE + INTERIORS

CIVIL ENGINEERING

CONSTRUCTION SOLUTIONS

**ENVIRONMENTAL SERVICES** 

INVESTIGATIVE

IT SOLUTIONS

LAND SURVEYING

PLANNING + ECONOMIC DEVELOPMENT

STRUCTURAL ENGINEERING

TRANSPORTATION

UTILITY INFRASTRUCTURE



www.structurepoint.com





