

TRANSPORTATION SERVICES

AMERICAN STRUCTUREPOINT IS A NATIONWIDE,
FULL-SERVICE TRANSPORTATION DESIGN FIRM



AMERICAN
STRUCTUREPOINT
INC.





DELIVERING HIGH-QUALITY DESIGN | DRIVING SCHEDULES | DELIVERING RESULTS

Offering strength in numbers, stability that lasts, and innovative solutions, American Structurepoint is a national, full-service transportation engineering firm providing complete consulting and comprehensive design services.

WE ARE GROWING TO BE BETTER.

American Structurepoint's Texas team has grown to include design centers in Austin and Round Rock. Our local capabilities are enhanced by the firm's staff of approximately 750 engineers, architects, designers, and other specialists who can help meet any production need. We do what it takes to successfully complete any project, and we have the flexibility to react to rapidly changing production requirements.

WE SEE AROUND CORNERS.

Our team understands the importance of pursuing additional funding sources to support local projects. We 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.

WE TAKE THE TIME TO UNDERSTAND YOUR WORLD SO THERE ARE NO SURPRISES.

Complexity isn't a function of project size or type. Our Texas portfolio includes urban and rural roadway design, highway design, roundabout design, bridge design, traffic control, schematic design, hydrology and hydraulics, and construction phase services. We continually refine our processes to deliver more efficient and cost-effective designs to our clients. We partner with our clients to create and deliver their vision and solve complex challenges such as driver safety and awareness.

WE OFFER A SEASONED LEADER FOR EVERY PROJECT.

Our transportation leaders in Texas are known for their experience on some of the most complex interstate projects in the nation and their service to local Texas communities. We know Texas design policies, procedures, and standard practices.

THE FOLLOWING ARE EXAMPLES OF KEY PROJECTS OUR TEXAS TEAM MEMBERS HAVE LED TO IMPROVE THE QUALITY OF LIFE FOR THE COMMUNITIES WE SERVE.



SESSOM DRIVE INTERSECTION IMPROVEMENTS SAN MARCOS, TEXAS

Services: Transportation, Drainage

Owner: City of San Marcos **Cost:** \$6.5 million

- PS&E design for intersection and drainage improvements
- Upgraded existing storm sewer system within project limits to the outfall on Texas State University property
- Converted existing one-way, stop-controlled intersection to signalized intersection after preparing traffic signal warrant study
- Developed intersection alternative designs, including a roundabout, for consideration



CORRIDOR E5 STUDY WILLIAMSON COUNTY, TEXAS

Services: Transportation, Environmental

Owner: Williamson County **Cost:** \$429 million (estimated)

- Planning services to develop Corridor E5 from IH 35 to CR 330
- Developed preliminary alignment alternatives, conducted alternative analysis to identify the preferred alignment, engaged stakeholders to revise the alignment, and prepared a schematic design



CR 258 EXTENSION FROM US 183 TO SUNSET RIDGE WILLIAMSON COUNTY, TEXAS

Services: Transportation, Drainage, Water Quality Design & TCEQ Permitting

Owner: Williamson County **Cost:** \$2.7 million

- PS&E plans for roadway extension
- Scope includes TCP design, grading, roadway design, drainage structures, SW3P, a Contributing Zone Plan (CZP), and pavement marking and signing
- Designed 5 cross culverts and prepared CZP since project is in the Edwards Aquifer Contributing Zone, design modifications saved client \$2M in utility relocation costs



BEBEE ROAD IMPROVEMENTS KYLE, TEXAS

Services: Transportation, Drainage, Traffic Engineering

Owner: City of Kyle **Cost:** \$41 million (est.)

- Preliminary engineering and schematic design services to widen Bebee Road to increase capacity and facilitate mobility
- Schematic design for new alignment and reconstruction of 2-lane rural to urban 5-lane minor arterial for 2.8 miles
- Preparing PS&E for roadway improvements including four roundabouts
- Providing hydraulic modeling, storm sewer and culvert design, and TxDOT coordination



TRANSFORM I-66 SEGMENT 3 SUBURBAN WASHINGTON D.C.

Services: Transportation

Owner: Virginia Department of Transportation **Cost:** \$800 million

- 7 miles of roadway reconstruction (2 express lanes and 3 general purpose lanes in each direction)
- 23 new, replacement, or rehabilitated bridges
- 3 interchange modifications



RM 3237 AND RM 150 ROUNDABOUT WIMBERLEY, TEXAS

Services: Transportation, Environmental, Traffic Engineering

Owner: TxDOT/Hays County **Cost:** \$1.66 million

- Converted stop-controlled intersection to modern single-lane roundabout
- Roundabout improves safety and traffic flow, and preserved historic trees
- Included improved drainage and water quality measures
- Dark Skies compliant illumination
- Project won National ACEC Engineering Excellence Award



WACO TRAFFIC CIRCLE WACO, TEXAS

Services: Transportation

Owner: TxDOT **Cost:** \$4.5 million

- Reconstruction of a historic traffic circle
- New traffic circle will improve operations and increase safety while preserving the essence of the circle
- Accommodates the adjacent IH 35 diverging diamond intersection



US 90 SANDERSON CANYON BRIDGE SANDERSON, TEXAS

Services: Transportation

Owner: Texas Department of Transportation **Cost:** \$5 million

- Replacement of two bridges on US 90 that were rapidly deteriorating
- Design solution provides desired room for a future track
- Specific attention was directed toward span arrangements that avoid conflict with existing abutment/bent locations and foundation elements



RM 3237 SAFETY IMPROVEMENTS WIMBERLEY, TEXAS

- Services:** Transportation
Owner: TxDOT, Hays County **Cost:** \$50 million (est.)
- Roadway safety improvements between RM 12 and RM 150 consisting of multiple PS&E packages totaling 8.7 miles
 - Intersection improvements (addition of right-and left-turn lanes), shoulder widening, two-way-left-turn lanes, traffic signal upgrade, drainage improvements
 - Coordinated with TxDOT and the County to incorporate permeable asphalt as an innovative water quality solution to save millions of dollars



I-69 SECTION 6 MARION AND JOHNSON COUNTIES, INDIANA

- Services:** Transportation, Environmental
Owner: Indiana Department of Transportation **Cost:** \$728 million
- Full reconstruction and conversion of existing SR 37 to interstate standards
 - Full reconstruction and improvements to I-465 between I-65 and I-70, expanding I-465 to 4 lanes in each direction
 - Includes 49 bridges, 59 retaining walls, 4 new I-69 interchanges, 3 interchange modifications, and 15 sound walls



SH 99 (GRAND PARKWAY) FROM LANGSTON DRIVE TO KILGORE PARKWAY CHAMBERS COUNTY, TEXAS

- Services:** Transportation
Owner: Texas Department of Transportation **Cost:** \$60 million
- PS&E for the addition of southbound lanes on SH 99, Grand Parkway Section I-1B, in Chambers County
 - Accelerated schedule to deliver the project four years ahead of original schedules, bringing significant relief to the corridor sooner



BITTING SCHOOL ROAD TRAVIS COUNTY, TEXAS

- Services:** Transportation
Owner: Travis County **Cost:** \$1 million
- Replacement of bridge with large concrete box culverts
 - Project located within flood zone, requiring extensive coordination for permitting
 - Reduced flooding in the area by raising the low point in the road



SH 105 BRIDGE OVER CAGLE CREEK MONTGOMERY COUNTY, TEXAS

Services: Transportation

Owner: Texas Department of Transportation **Cost:** \$2.5 million

- PS&E services, including bridge design and culvert layout
- Expansion of an urban section highway and bridge over Cagle Creek and a culvert at Tributary 1 of West Fork Crystal Creek.
- Improved safety, enhanced mobility and reduced congestion.



CR 1101 AT CANEY CREEK BRANCH FREESTONE COUNTY, TEXAS

Services: Transportation

Owner: Texas Department of Transportation **Cost:** \$479,340

- Road and bridge design for a bridge replacement over the Caney Creek Branch
- Gabion retaining wall designed to avoid additional right-of-way, saving costs and allowing the project to be bid on schedule



US 62 REHABILITATION LUBBOCK, TEXAS

Services: Transportation

Owner: TxDOT and City of Lubbock **Cost:** \$24 million

- Collaboration with Lubbock and their Downtown Master Plan
- Removed street parking and widened sidewalk to mixed use path
- Updated signing, pavement markings and traffic signals to follow Lubbock's long term accessibility plan.
- Improvements consist of pavement reconstruction and rehabilitation, continuous lighting, traffic signals, storm system drainage improvements.



ROUNDBOUT INTERCHANGE AT SCHMIDT AND I-35 NEW BRAUNFELS, TEXAS

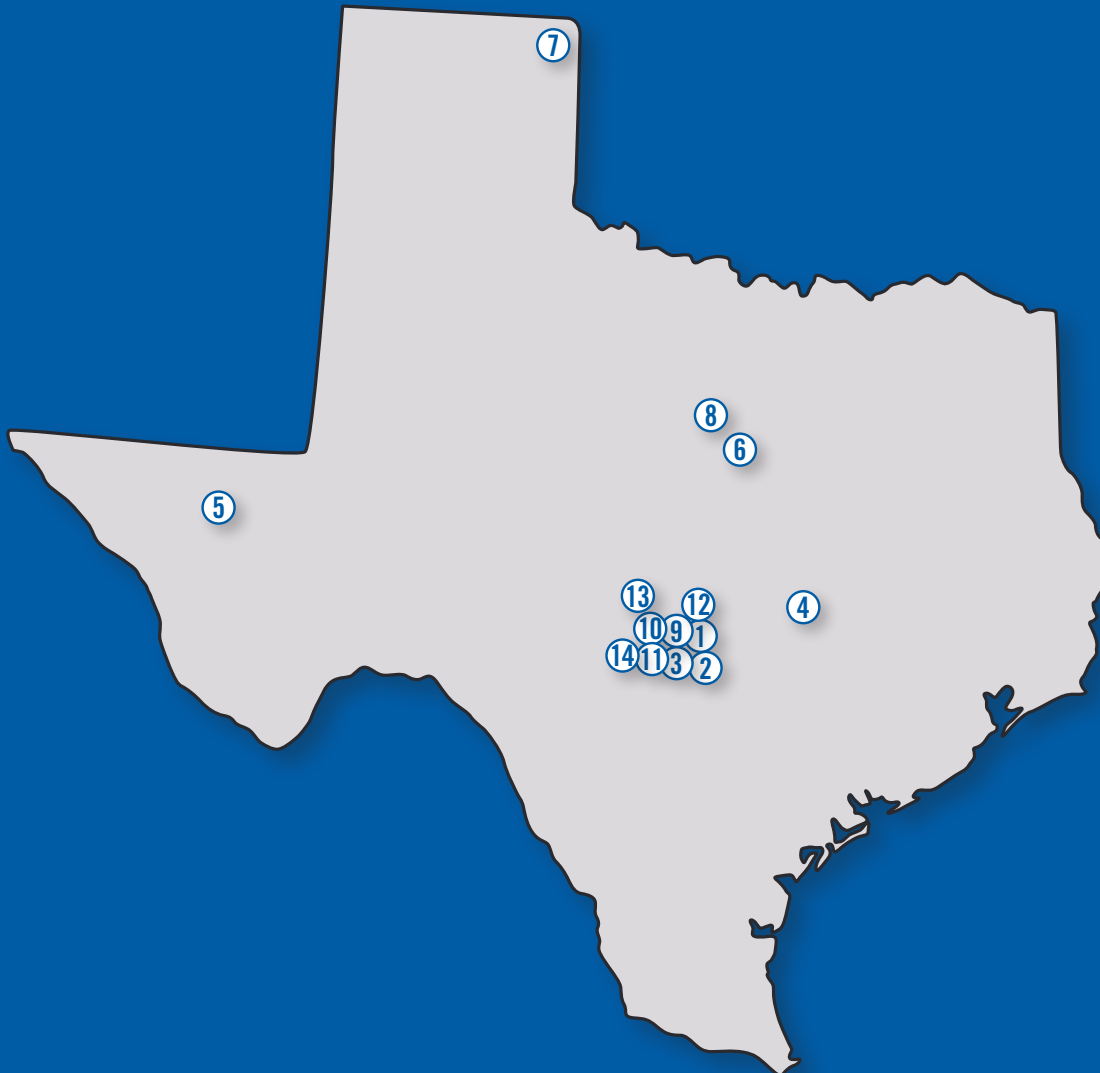
Services: Transportation

Owner: Texas Department of Transportation **Cost:** \$15 million

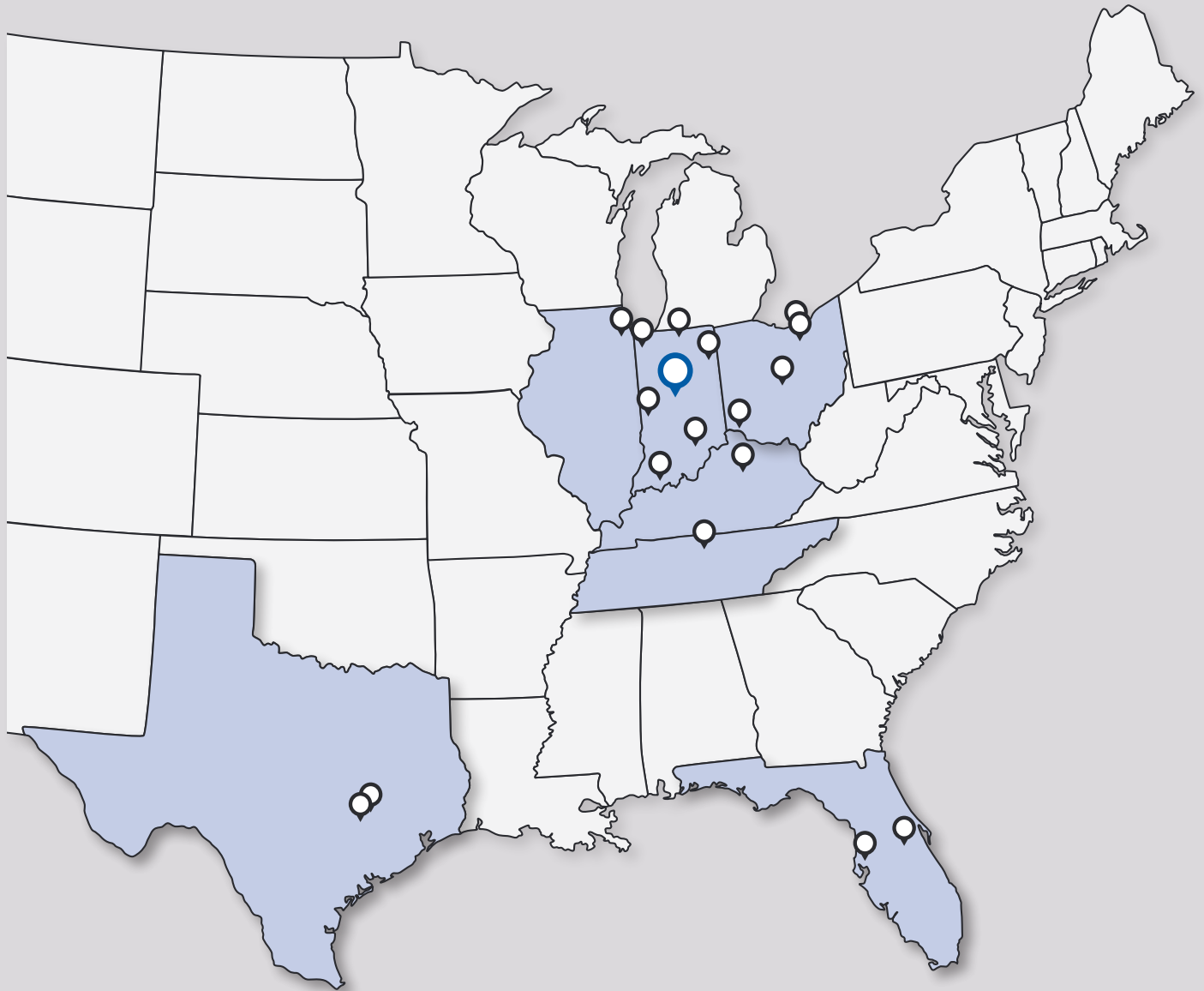
- Comprehensive design services for three new roundabout interchanges at Schmidt and IH-35
- Improvements will enhance traffic flow and safety at the IH-35 corridor while accommodating future growth

ADDITIONAL RELEVANT PROJECT EXPERIENCE

- 1. Corridor K (From I-35 to East Wilco Highway)**
Williamson County, Texas **Cost:** \$200 million
- 2. Capital Improvements Plan and Program and Bond Assistance** Caldwell County, Texas
- 3. Kohlers Crossing Roundabout Corridor** Kyle, Texas
Cost: \$14 million
- 4. West Wharton Street at Tidwell Creek**
Robertson County, Texas **Cost:** \$379,000
- 5. FM 2448** Reeves County, Texas **Cost:** \$13.5 million
- 6. FM 667 Hog Creek and White Rock Branch Bridges**
Ellis County, Texas **Cost:** \$4.8 million
- 7. SH 23 Kiowa Creek, Gilaloo Creek, and Wolf Creek Bridges** Lipscomb County, Texas **Cost:** \$22 million
- 8. Trinity River, Frankford and Elizabethtown Bridges**
Denton County, Texas **Cost:** \$479,340
- 9. Sam Bass at Hairy Man Road Roundabout**
Round Rock, Texas **Cost:** \$2.5 million
- 10. Chisholm Trail at Old Settlers Boulevard Intersection Improvements** Round Rock, Texas **Cost:** \$399,000
- 11. Yarrington Road (FM 150) Extension** Hays County, Texas
Cost: \$82 million (Segment 1); \$34 million (Segment 2)
- 12. Anderson Mill Road** Williamson County, Texas **Cost:** \$71 million
- 13. Wilco Way (Tracy Chambers) Extension**
Williamson County, Texas **Cost:** \$3.5 million
- 14. RM 150/RM 12 Roundabout** Hays County, Texas
Cost: \$3.8 million



OUR DESIGN CENTER LOCATIONS



-  Headquarters
-  Additional Design Centers

TEXAS DESIGN CENTERS

AUSTIN

2600 Via Fortuna, Suite 300
Austin, TX 78746
TEL 512.494.6037

ROUND ROCK

810 Hesters Crossing Rd, Ste 105
Round Rock, TX 78681
TEL 512.884.6257

TXDOT PRE-CERTIFIED CATEGORIES

1.1.1 / 1.2.1 / 1.3.1 / 1.4.1 / 1.5.1 / 1.6.1 / 1.8.1 / 1.9.1 / 2.1.1 / 2.3.1 / 2.4.1
2.4.2 / 2.5.1 / 2.13.1 / 2.14.1 / 3.2.1 / 4.2.1 / 4.4.1 / 4.5.1 / 4.6.1 / 4.7.1 / 5.2.1
5.3.1 / 5.5.1 / 6.1.1 / 6.1.2 / 6.2.1 / 6.2.2 / 6.6.1 / 7.1.1 / 7.3.1 / 7.5.1 / 8.1.1
8.2.1 / 8.3.1 / 8.6.1 / 9.3.1 / 9.3.2 / 9.4.1 / 10.1.1 / 10.2.1 / 10.3.1 / 10.4.1 / 10.4.3
10.5.1 / 11.1.1 / 11.9.1 / 11.10.1 / 12.1.2 / 16.1.1 / 16.3.1 / 17.1.1 / 17.5.1 / 18.6.1
19.3.1 / 22.1.1 / 22.2.1 / 23.1.1 / 23.1.2.1 / 23.13.1 / 24.7.1

FULL-SERVICE TRANSPORTATION SERVICES

Planning / Drainage / Roadway and Bridge Design / Traffic Engineering
General Engineering Contracts (GEC) / Program Management Consulting (PMC)
Design-Build (Owner's Rep and Design Consultant)

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

PROFESSIONAL AFFILIATIONS

ACEC Texas / ACEC Central Texas / AGC of Texas / ASCE Texas
Round Rock Chamber of Commerce / San Antonio Mobility Coalition
Texas Association of Counties / Texas Society of Professional Engineers - Travis County
WTS Heart of Texas Chapter / ASHE CTX / ASHE SAT / Texas Municipal League

DESIGN CENTER LOCATIONS

Indianapolis, Indiana (Headquarters)
Texas: Austin, Round Rock
Indiana: Evansville, Fort Wayne, Jeffersonville, Merrillville, Terre Haute, South Bend
Ohio: Akron, Columbus, Cincinnati, Cleveland
Florida: Tampa, Orlando
Illinois: Chicago/Lisle
Kentucky: Lexington
Tennessee: Nashville

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