

PROJECT

SPOTLIGHT

American Structurepoint excels in solving complex infrastructure challenges to improve the quality of life for the people and communities we serve. To enhance safety and improve traffic flow, a historic traffic circle in Waco, Texas, will be transformed into a modern roundabout. American Structurepoint led the design for this project in a growing community.

Built in 1935, the historic **Waco Traffic Circle** was one of the first traffic circles in Texas. Over the years, as traffic increased and I-35 was built, safety and congestion issues have occurred. The Texas Department of Transportation hired American Structurepoint to design upgrades to transform the circle into a full-functioning roundabout. Roundabouts are a proven solution to improve public safety, and our design will help preserve the existing traffic circle's historical features. This includes maintaining a Lone Star at the center of the roundabout.

Other improvements include better connection to the adjacent I-35 diverging diamond interchange, safer access to and from the roundabout, enhanced wayfinding, and improved drainage.

The roundabout will be reconstructed and built to accommodate future growth in the area. Better lane markings will help drivers navigate the roundabout more smoothly and reduce driver confusion and congestion. Adding crosswalks and sidewalks will improve pedestrian connectivity.

Our team also conducted a thorough traffic analysis of the existing traffic circle and the nearby I-35 interchange to confirm the redesigned roundabout will be able to handle all incoming traffic.

At American Structurepoint, our people are driven to make a difference every day, including enhancing infrastructure safety across Texas. We take the time to understand your world and how one project fits into the bigger picture. We carefully consider every detail to create designs that deliver success.



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