

PROJECT

SPOTLIGHT

Earth Day is celebrated across the globe every April to raise awareness and support for environmental protection. American Structurepoint incorporates environmentally sensitive features into the projects we design. As a full service architecture and engineering firm, including transportation design, we've become internationally known for our design and planning of roundabouts. Roundabouts are a proven way to reduce pollution and fuel consumption while improving safety and efficiency of intersections.

Because cars aren't idling at traffic lights and often don't have to come to a complete stop at roundabouts, they don't burn as much gasoline, and they emit many fewer tons of planet-heating carbon emissions each year. An estimated 20,000 gallons of gas consumption are eliminated by every roundabout we design.

Less stopped vehicles also mean a reduction in air pollution, noise pollution, and fuel consumption, which

equates to significantly less emissions compared to signalized intersections. Every roundabout eliminates approximately 350,000 lbs of CO2 emissions annually on average.

The central island of a roundabout provides an opportunity for simple landscaping that will enhance your community while allowing for green space for plantings that consume CO2. We provided an innovative design in Hays County, Texas, that saved historic trees as part of our commitment to environmentally friendly solutions.

American Structurepoint is improving the quality of life in communities across the nation by advocating for and designing environmentally friendly infrastructure solutions including roundabouts. To date, we have provided design and/or conceptual layout or review for more than 300 roundabouts across the nation.



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