

SH 130 Toll Road

Lone Star Infrastructure Consortium (LSI) for the Texas Turnpike Authority (TTA)
Austin, Texas

Responsibility: Providing Transportation Facility Design services on LSI's Design Team headed by DMJM Harris

Construction Cost: \$ 1.1 Billion (INR 4950 Crores)

Project Description: The SH 130 Program consists of a 91 mile long fully access controlled, grade separated tollway facility. As Central Texas has grown, so has its traffic congestion. SH 130, a project of the Texas Department of Transportation, is intended to relieve traffic in the area by creating a commuter and NAFTA corridor alternative to Interstate 35 (I-35). When completed, SH 130 will extend from north of Georgetown east of metropolitan Austin to I-10 near Seguin. Lone Star Infrastructure is a consortium of engineering and construction firms with world-wide experience specifically organized to deliver SH 130. Organized as a joint venture between Fluor Corporation, Balfour Beatty Construction and T.J. Lambrecht Co., the LSI team includes more than a dozen firms who are leaders in their fields of design engineering, utility relocation, public outreach and environmental planning, all of whom are committed to the successful completion of SH 130. Invicus, through its parent company The Menon Consortium, is playing a vital role in the design of the project.



From our involvement on the Interstate 10 program in Houston, Texas to the SH 130 Toll Road program in Austin, Texas, Invicus has a proven track record in highway planning, design and management. Whether planning, designing and managing the construction of urban streets, Toll Roads and highways or developing innovative solutions for traffic management, utility relocation and Right-of-Way acquisition, our multidisciplinary staff is creating state-of-the-art facilities.

Our highway engineers and planners have demonstrated capabilities in the areas of:

- System Planning, Subarea/Corridor Planning and Feasibility Studies
- Land Planning/Engineering, Major Investment Studies, Route Studies & Schematic for Major and Minor Roadways
- Minor and Major Bridge Layouts and Roadway design for Minor and Major Roads, Arterials, Highways and Complex Interchanges
- Right of Way Analysis and Utility Relocation Design
- Hydrological Analysis & Hydraulic Design for highways including storm water system design with inlets, manholes, junction boxes, culvert design, detention and retention ponds, weir and outfall design.
- Traffic Engineering Studies including signal warrant analysis, multi-way stop control studies, speed studies, sight distance investigations, and intersection capacity analysis. In addition our capabilities include Traffic Signal Design, Traffic Impact Analysis, Traffic Calming Measures, Spot Speed Analysis, Accident Analysis and Corrective Measures and Intelligent Transportation Systems (ITS) Analysis, Design & Implementation.
- Signing, Pavement Marking & Channelization
- Bicycle & Pedestrian Facilities
- Preparation of Detailed Project Report (DPR), Plans, Specifications and Detailed Engineers Estimates

Redefining Highway Design

- Innovative Design Solutions
- Proven Track Record
- Sustainable Development
- Commuter Based Approach
- Environmentally Sensitive Design

....."Invicus' quality staff seamlessly integrated themselves into the SH 130 design team".

Glenn Sadulsky, P.E.
Vice President & Design Director
DMJM Harris