

## Interstate 10 Katy Freeway Reconstruction Program

General Engineering Consultant (GEC) Team headed by Parsons Brinckerhoff for the Texas Department of Transportation (TxDOT) Houston, Texas

Responsibility: Providing Program & Construction Management services on the General Engineering Consultant (GEC) Team

Construction Cost: \$ 1.7 Billion (INR 7650 Crores)  
Project Description: The IH 10 Katy Freeway reconstruction project is a landmark project for the Houston district of TxDOT and involves the widening of Interstate 10 from its existing condition to a 22-lane facility with an 8 to 12 lane divided highway, 4 managed lanes to be used as HOT lanes (High Occupancy and/or Toll) and 3 to 4 lane frontage roads in each direction. The project includes 22 miles of urban freeway with 2 fully directional interchanges and 52 grade separations. The existing reversible HOV lane has been replaced with a 4-lane managed facility.

As a member of the program management team with Parsons Brinckerhoff, our consultants have been providing program management, roadway design

and CADD support services. Program management functions have included development of the program management plan, schematic advancement, project kickoffs, design concept conferences, section design oversight and inter agency coordination. Providing roadway design support to the team, our consultants have been involved with roadway & drainage design, development of corridor wide design criteria and standards, redesign of the Beltway 8 interchange, development of overall traffic control concepts, design reviews at milestone submittals, CADD criteria development, electronic document control and file management and PS&E development. On the CADD front, our consultants have been providing Microstation and Geopak expertise, with one of our senior consultants serving as the corridor wide CADD Manager. In the construction phase, our consultants have provided construction management support in the areas of schedule updates, development and implementation of Request for Information (RFI) and Change Order processes, review of shop drawings, construction oversight and supervision, utility coordination and management and maintenance and updates of as-built drawings.



Providing professional services in a comprehensive manner means more than relying on technical skills alone. Of equal importance is the ability to understand a client's objectives and requirements and then to deliver effective solutions in meeting those needs. Invicus believes that technical ability, along with a blend of management skills and professional commitment, has been the cornerstone of our success. We pledge to commit all of the resources necessary to satisfy the client's budget and project schedules.

Invicus' comprehensive and clear approach to program and construction management services has streamlined project delivery for clients across continents. From major infrastructure projects to mixed use facilities and townships, public and private owners are assured of results-oriented management services. With Invicus' program and construction management services owners can be assured of predictable results, a streamlined project development and delivery approach, a quality product and the best value for their construction resources.

Invicus' services through its parent, on the Interstate 10 Reconstruction Program have been complimented by the client. Our unique approach in addressing the queries from the contractor, client and the stakeholders has been instrumental in keeping change order costs down and delays to a minimum. The project is thus on schedule for an early completion.

### Setting a New Trend...

- Managing Public Involvement
- Optimizing Clients' Resources
- Maximizing User Benefits
- Controlling Cost
- Accelerated Project Delivery
- Managing Stakeholder Interests

....."your personal involvement made all the difference".

**David Milner, P.E.**  
Vice President &  
Program Manager  
Parsons Brinckerhoff

