

HIGHWAY DESIGN

Project Name: 2004 Highway 6 Highway 60 SCDOT Widening
Project Location: Irmo-Lexington, SC
Client: SCDOT
Approximate Cost:

SCOPE OF WORK

Principals from InSite Group acted as lead members of the SCDOT CRM design and construction management team that completed the re-design and widening of Highway 6 / 60 from Irmo, SC to Lexington, SC. The scope of work included geometric design review, subsurface utility engineering and constructability reviews. Site construction management included the interchanges at Highway 6 and Bush River Road and Highway 6 and Corley Mill Road

All of the utilities on the entire stretch of roadway were relocated and in some cases upgraded.

Significant redesign of intersections and structures as well as traffic control review was completed as part of this project. This project required significant design for the relocation of utilities including major water service lines, underground sewer and electric and stormwater management facilities.



Project Name: 2004 Quito Airport Access Toll Road
Project Location: Quito, Ecuador
Client: CORPAQ (Corporacion de Aeropuerto de Quito)
Approximate Cost: \$180 Million

SCOPE OF WORK

Principal members of the InSite Group completed all corridor selection and conceptual design, interchange justification and design, bridge configuration and design, toll facilities design and all traffic modeling and socio-economic impact analyses for the entire 21 kilometer limited access toll facility linking the City of Quito with the New Quito International Airport. The work was completed under the US Trade Development Association and World Bank loan procedures.

This project included significant roadway design in the Andes Mountains. The terrain and existing infrastructure made the location and design of the roadway a significant challenge. Our scope of work on this major highway and bridge construction project require comprehensive knowledge and evaluation of all aspect of the highway design for the entire 21 kilometers. Establishing concession requirements and tariffs while simultaneously maintaining an acceptable design proved to be very challenging.

The InSite Group

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