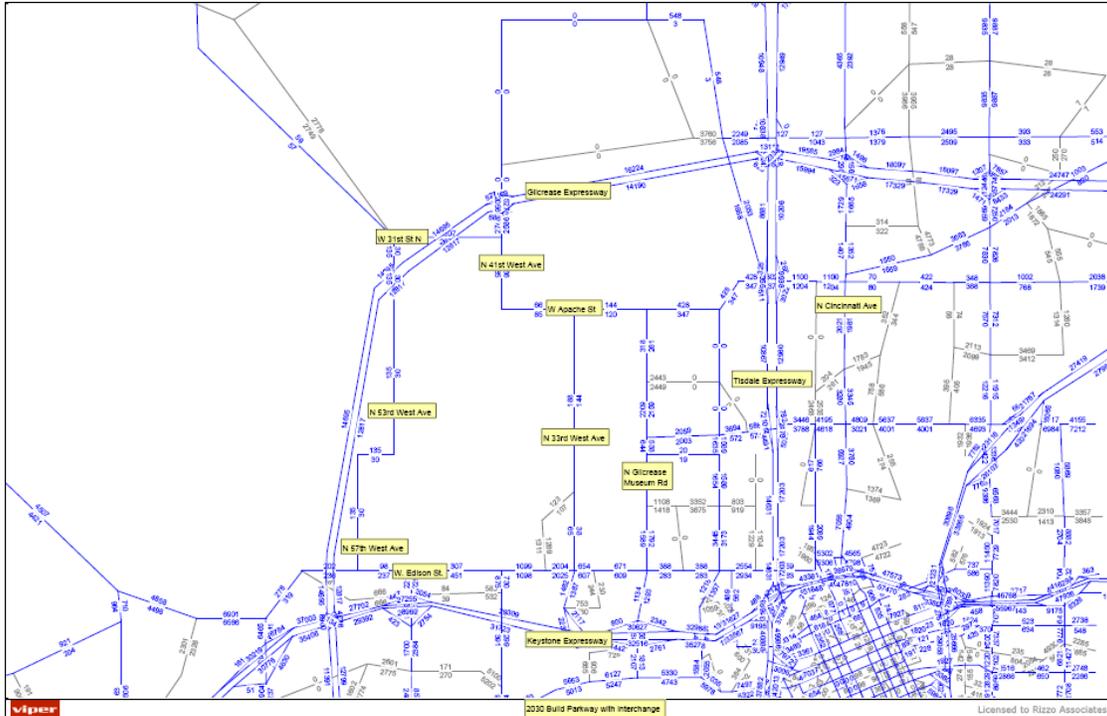


Gilcrease Expressway Modeling Tulsa, OK

Duration: 2002-2003
Project Fee: \$100,000
Firm Fee: \$15,000
Role: Sub-consultant



As a sub-consultant, TrafInfo was responsible for the transportation modeling using the Indian Nation Council of Governments (INCOG) regional model implemented using the TRANPLAN/Viper software. The travel demand modeling for the Gilcrease Expressway was performed as part of the Environmental Assessment of the proposed expressway northeast of Tulsa, Oklahoma.

The INCOG TRANPLAN model was reviewed initially to ensure that all of the links in the network reflected existing conditions. Several refinements had to be made, especially at the interchanges to reflect all movements. Some of the zones had to be split in order to model the proposed expressway.

The TRANPLAN model was executed for three different scenarios – No-Build, Expressway with grade-separated interchanges and Parkway with at-grade intersections concepts. The trip tables were available in terms of autos and trucks. Separate assignments were made to estimate the impacts of the proposed expressway on trucks.