

## REPRESENTATIVE PROJECTS

### CLIENT / OWNER

The Penstar Group

### CONTACT

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The Penstar Group  
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### PROJECT DATES

August 2004 – June 2005

### CONSULTANT COST

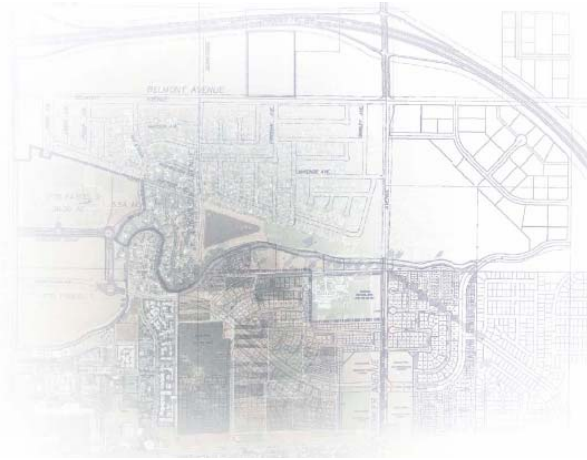
\$73,144.16

### FIRM INVOLVEMENT

Prime Consultant

### PROJECT STATUS

Complete



### TRAFFIC IMPACT STUDY FOR FANCHER CREEK

### FRESNO, CA

TPG Consulting, Inc. was hired to conduct a Traffic Impact Study to assess the existing and projected traffic conditions resulting from development of the approximately 476 acre Fancher Creek Project. The traffic study, the largest study ever conducted in Fresno, was used in the preparation of the Environmental Impact Report (EIR). It also was used in preparation of mitigation measures for impacts to city streets and the state highway.

To prepare the traffic evaluation, a variety of field data and technical information was gathered. To analyze the traffic impacts, five (5) scenarios were evaluated over three (3) time periods including analysis of 48 segments, 35 intersections and three (3) roundabouts.

TPG completed extensive analysis and evaluation of the use of roundabouts at two gateway intersections to the project site. TPG's analysis of these facilities showed that the use of roundabouts will result in a projected 70% reduction in accidents over a conventional intersection. The roundabouts will also reduce the vehicle delay by 60% at these two locations. In addition, Fancher Creek will be responsible for a number of road improvements to the surrounding city streets.

This impact study was conducted in coordination with the City of Fresno, County of Fresno, City of Clovis and Caltrans District 6.