

REPRESENTATIVE PROJECTS

CLIENT/OWNER

Nestor Traffic Systems, Inc.

CONTACT

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PROJECT DATES

July 2002 – December 2005

CONSULTANT COST

\$36,114

FIRM INVOLVEMENT

Consultant

PROJECT STATUS

Completed



VIDEO BASED RED LIGHT ENFORCEMENT SYSTEMS

PASADENA, CALIFORNIA

TPG Consulting completed the implementation of video based red light enforcement systems at four intersections in Pasadena. Nestor Traffic Systems sought the services of TPG to assist with the implementation of this red light technology, which ultimately serves to reduce the number of vehicle accidents resulting from red light running.

TPG coordinated the utility locations, identifying possible conflicts that could result in pole relocations, established the centerlines of the roadway and railroad, performed a breakline-style survey and located all surface features that would affect placement of camera poles for 100 feet in each direction out from the centerline/centerline of the intersection.

For the site design portion of the project, TPG identified underground conduit locations. TPG then determined which agencies required permitting in order to construct the monitoring systems, and contacted the appropriate municipalities and counties for installation of site equipment. Preliminary plans were then provided, including intersection equipment locations, conduit runs, antenna locations, wiring diagrams, and details for poles and foundations. Once ready for construction, TPG provided construction observation and coordination in the field.

TPG has performed the same type of red light enforcement technology implementation for Nestor Traffic Systems on more than 40 intersections in cities such as Fresno, San Bernardino, Irvine, Long Beach, Costa Mesa and Fullerton, California, as well as Dover, Delaware.