

**TO:** James L. App, City Manager  
**FROM:** Doug Monn, Public Works Director  
**SUBJECT:** 4th/Spring Street Traffic Signal  
**DATE:** May 2, 2006

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**NEEDS:** For the City Council to consider appropriating funds to allow preparation of construction plans and specifications to install a traffic signal and associated improvements at 4th and Spring Streets, and to award a design contract for the signal to Associated Transportation Engineers (ATE).

- FACTS:**
1. In November 2005, the City received a Traffic Analysis Report for an approved project at Fourth Street and Spring Street for Pacific Management and Development Company.
  2. The 2005 Traffic Analysis did not support the installation of a traffic signal given the impacts associated with the project scope at that time.
  3. The City has since received an amendment to the approved project which includes the addition of approximately 17,500 square feet of building area to the Fourth and Spring Street Master Plan (PD 03-020).
  4. As a result of the project expansion as it relates to the Downtown Circulation Plan, installation of a traffic signal at Fourth and Spring is now required.

**ANALYSIS  
AND**

**CONCLUSION:** The Downtown Circulation plan identifies the need to for a future traffic signal at this location, however, the amended project scope at Fourth and Spring Street is accelerating the already determined need. While the conditions of development associated with the amended Fourth Street project require the developer retain a Traffic Engineer to determine the ultimate apportionment of the total cost of the signal installation, it is anticipated that the bulk of the cost will be driven by the Downtown Circulation Plan. Because of the public benefit, the cost to construct the signal will be included in the update of the AB 1600 fees.

Because of the lead time required to design the signal, staff is requesting that design costs in the amount of \$20,000 be allocated from Gas Tax/TDA funds to cover the cost to retain Associated Transportation Engineers (ATE) to prepare plans and specifications that would allow the construction of the necessary traffic signal at Fourth and Spring Streets when AB 1600 fees are available. The cost to prepare the construction plans will not have a negative impact upon these funds.

**POLICY**

**REFERENCE:** General Plan.

**FISCAL**

**IMPACT:**

This project was not included in the adopted CIP budget, thus, a budget appropriation is required. Staff is requesting City Council allocate \$20,000.00 (\$17,550, plus a small contingency) from Gas Tax/TDA funds to cover the cost of the signal design.

**OPTIONS:**

- a. Adopt Resolution No. 06-xx appropriating \$20,000 to Account No. 200.910.5452.797, and authorizing the City Manager to enter a contract with Associated Transportation Engineers in the amount of \$17,550 to prepare construction plans to install a traffic signal at Fourth and Spring.
- b. Amend, modify, or reject the above option(s).

Attachments (2)

- 1) Resolution
- 2) Scope of Work and Fee Proposal



# ASSOCIATED TRANSPORTATION ENGINEERS

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Richard L. Pool, P.E.  
Scott A. Schell, AICP

*SALVENDERS*

Paso Robles

MAR - 7 2006

Planning Division

March 6, 2006

06537P01

Mr. John Falkenstein, City Engineer  
City of Paso Robles  
1000 Spring Street  
Paso Robles, California 93446

## **PROPOSAL FOR TRAFFIC ENGINEERING DESIGN SERVICES TO PREPARE PLANS FOR THE TRAFFIC SIGNAL, SIGNING AND PAVEMENT DELINEATION AT SPRING STREET/4TH STREET, CITY OF PASO ROBLES**

Associated Transportation Engineers (ATE) proposes to provide a traffic signal plan with an interconnect to 6<sup>th</sup> and Spring Street and a signing and pavement delineation plan for the intersection of Spring Street and 4<sup>th</sup> Street in the City of Paso Robles (City). The operation of a traffic signal at 4<sup>th</sup> Street may affect the operation of the 6<sup>th</sup> Street signal. The preliminary engineering/evaluation will have to evaluate the operation of the two traffic signals. It may be necessary to obtain additional traffic counts etc for both intersections if the traffic studies in the area did not or the data used is not current. The City will provide the most recent traffic studies, counts, and/or other data that is germane to the evaluation of the operation.

ATE will obtain electronic files of the civil plans and related topography for the intersection from RTC Consulting (we have contacted them). There will have to be some supplementing of the information for the west leg of 4<sup>th</sup> Street. The location of utility poles, traffic signs and pavement markings for the construction area will be verified by ATE staff during the site visit. All work will be prepared in conformance with the standards of the City of Paso Robles.

ATE will provide the following services:

1. Obtain plan and topographic survey data (AutoCAD compatible format) from RTC Consulting, obtain related traffic reports and record plans from City.
2. Visit the site, review site conditions to verify and supplement the information on the plans received from others. Discuss the project and adjacent intersection operation with appropriate city officials.
3. Using the data collected, evaluate the sufficiency of the signal configuration and current pavement delineation to accommodate the projected traffic volumes at both intersections.

4. Provide a recommendation to City staff for the configuration etc. for the two intersections. If modification of the 6<sup>th</sup> Street signal is necessary, provide City with a proposal to prepare the plans for the modification.
5. Determine electrical service point from PG&E.
6. Prepare the Traffic Signal Plan with interconnect to 6<sup>th</sup> Street.
7. Prepare Roadside Sign and Pavement Delineation Plan.
8. Prepare the special provisions for the traffic signal, roadside signing and pavement marking.
9. Submit preliminary plans and special provisions to City for review and comment.
10. Make changes to the plans to address comments received.

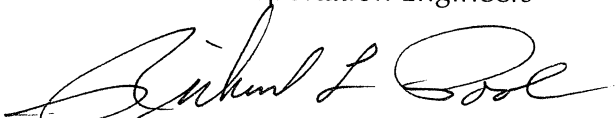
ATE can commence work on the design after April 3, 2006. The actual start date will be established based upon receipt of authorization to proceed. We estimate that the plans will be completed for review submittal within 25 working days. Upon receipt of comments we would expect to complete the final plans within 5 working days. It is our understanding that the target for plans and special provisions is June 1, 2006.

The fee for the work listed in the above scope will be a fixed fee of \$ 17,550.00.

ATE will invoice for our progress monthly, not to exceed 95 percent of the flat fee, prior to the submittal of the plans for review, and will invoice the remainder of the fee upon submittal of the final plans and special provisions. Work not included in the above scope of work will be provided on a time and material basis in accordance with the attached Fee Schedule (September 2005), when authorized in writing. This proposal is valid for 30 days. ATE reserves the right to modify fee and time frame if the authorization is received after 30 days.

Please sign and return the enclosed Work Order to authorize ATE to proceed.

Associated Transportation Engineers



By: Richard L. Pool, P.E.  
President

RLP/wp

Enclosures: Fee Schedule (9/05)  
Work Order dated March 6, 2006

RESOLUTION NO. 06-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES  
APPROPRIATING FUNDS TO INSTALL A TRAFFIC SIGNAL AND IMPROVEMENTS  
AT FOURTH AND SPRING STREETS, AND TO AWARD THE DESIGN CONTRACT

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WHEREAS, in November 2005, the City received a Traffic Analysis Report for an approved project at Fourth Street and Spring for Pacific Management and Development (Saunders); and

WHEREAS, at that time it was determined that a traffic signal at Fourth and Spring was not warranted during the initial phases of the project; and

WHEREAS, the City received an amendment to the approved project which includes an addition of approximately 17,500 square feet of building area to the Fourth and Spring Street Master Plan PD 03-02; and

WHEREAS, expansion of the proposed project necessitates installation of a traffic signal at Fourth and Spring; and

WHEREAS, staff has received the attached scope of work and fee proposal in the amount of \$17,550 from Associated Transportation Engineers (ATE) to prepare plans to construct a traffic signal at Fourth and Spring Streets; and

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of El Paso de Robles does hereby appropriate \$20,000 to Budget Account No. 200.910.5452.797 from Gas Tax/TDA funds to prepare plans to construct a traffic signal at Fourth and Spring Streets.

SECTION 2. The City Council of the City of El Paso de Robles does hereby authorize the City Manager to enter a contract with Associated Transportation Engineers in the amount of \$17,550 to prepare construction plans to install a traffic signal at Fourth and Spring.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 2nd day of May 2006 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

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Frank R. Mecham, Mayor

ATTEST:

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Cathy M. David, Deputy City Clerk