



## Council Agenda Report

**From:** Kristin Ferravanti, Capital Projects Assistant Engineer

**Subject:** Repairing Paso Robles Street “Hot Spots”

**Date:** July 17, 2018

---

### Facts

1. Paso Robles Street is an important entry point to the City for residents, commerce and tourists.
2. The pavement of Paso Robles Street is deteriorating from the Highway 101 off-ramp to 12<sup>th</sup> Street and has multiple failed areas that are “hot spots” needing repeated pothole patching.
3. Caltrans is beginning a project to repair on and off-ramps along the Highway 101 corridor between Templeton and Paso Robles this summer.
4. Repairing the Paso Robles Street off-ramp will require closing the ramp, and having a paving contractor already on-site during the closures offers the City a unique opportunity to repair the street in coordination with the Caltrans work.
5. Papich Construction, Inc. is the contractor doing the Caltrans work at the Highway 101 exit to Paso Robles Street. Caltrans has specified night work.
6. Staff prepared contract documents and negotiated with Papich Construction, Inc. on costs to repair 6,000 square feet to a depth of six inches and 15,400 square feet to a depth of four inches to address Paso Robles Street “hot spots” in conjunction with the Caltrans work for \$136,530 (including a 10% contingency for paving work). The pricing is competitive with similar work, with lower pricing for mobilization and traffic control than would be expected due to coordination with the Caltrans work in the area.
7. Assuring the contractor completes repairs with the correct hot mix asphalt (HMA) mix and compacts it to the required percent compaction are the two most important factors for HMA pavement longevity. Caltrans Standard Specifications require quality assurance for HMA paving materials and construction practices. The City’s adopted Standards refer to Caltrans Standard Specifications for materials and compaction testing of HMA pavement construction.
8. Staff contacted local HMA testing firm Pavement Engineering Inc. (PEI) for a proposal for quality assurance testing, verification and determination of compliance and acceptance with the City’s Standards. PEI’s fee is \$10,863 (including a 10% contingency) and their scope includes:
  - HMA Production Start-Up Testing –this includes testing the mix and aggregate to verify the materials with the Job Mix Formula (JMF)
  - Density Cores for nuclear density gauge correlation
  - HMA Mix Tests (every 750 tons of HMA placed or one per paving day)- (Stability (CTM 366), LTMD (CTM 308), Rice Gravity (CTM 309), Asphalt Content (CTM 382), and Air Voids Content (CTM 367)
  - Burn-off Calibration
  - Field Density Testing using a nuclear density gauge to monitor the contractor’s compaction efforts and provide feedback to obtain maximum relative density

- Final report that summarizes all the laboratory tests and addresses the contractor's compliance with specifications, including compaction reports
- All field work listed above is to be completed at night

### **Options**

1. Take no action;
2. Authorize the City Manager to enter into an agreement with Papich Construction, Inc. for the amount of \$136,530 (including a 10% contingency) to complete the Paso Robles Street "hot spot" repair work while they are in town for the Caltrans on and off-ramp repair project and enter into an agreement with PEI for the amount of \$10,863 (including a 10% contingency) to provide quality assurance and laboratory testing;
3. Direct Staff to put the project out to bid;
4. Direct Staff to decrease the scope of paving work to decrease the cost.

### **Analysis and Conclusions**

If we take no action, the pothole "hot spots" along Paso Robles Street will persist and continue to grow in size. Drivers will continue swerving to avoid the potholes and City crews will continue to attempt to patch them.

If we approve authorizing a contract with Papich Construction, Inc. for the paving work, we will take advantage of the opportunity of having a paving contractor and traffic control already in the area for the Caltrans work and avoid increased mobilization and traffic control costs of having the work done separately. If we approve authorizing a contract with PEI for the quality assurance and material testing we will ensure the finished product complies with City Standards and will last. We will also address the potholes and associated safety hazard, free up our streets crew to do other work around town, and improve an important entryway to the City.

Putting the project out to bid will delay the work and may not offer a fiscal benefit since contractors are busy in the summer months and tend to bid projects with higher costs, if they have time to put together a bid at all. We may have few if any bidders. Doing the project with a different contractor than Caltrans is using will increase traffic control and mobilization costs.

Staff could decrease the scope of the project to lower the cost, however, the locations chosen for repair are either already breaking apart or likely to break apart in the upcoming winter. While we have a contractor on-site doing repairs it would be prudent to repair as much of the failing areas as possible.

### **Fiscal Impact**

The total cost of the project would be \$147,393; \$136,530 to Papich Construction and \$10,863 to PEI. The City has already appropriated \$120,000 of SB 1 funds for repairing "hot spots" on Paso Robles Street in the FY 2018-19 Budget. As a result, just an additional \$28,000 will need to be appropriated for this project. This additional appropriation can be funded from unappropriated State Gas Tax Fund reserves, which has a balance of approximately \$172,000.

### **Recommendations**

1. Approve Resolution No. 18-XXX, authorizing an appropriation of \$28,000 from the State Gas Tax Fund to fund the Paso Robles Street Project.
2. Authorize the City Manager to enter into an agreement with Papich Construction, Inc. for the amount of \$136,530 (including a 10% contingency) to complete the Paso Robles Street "hot spot" repair work while they are in town for the Caltrans on and off-ramp repair project.

3. Authorize the City Manager to enter into an agreement with PEI for the amount of \$10,863 (including a 10% contingency) to provide quality assurance and laboratory testing.

**Attachments**

Resolution No. 18-XXX

RESOLUTION NO. 18-XXX

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES  
AUTHORIZING AN APPROPRIATION OF \$28,000 FROM THE STATE GAS TAX FUND TO  
FUND THE PASO ROBLES STREET PROJECT

WHEREAS, Paso Robles Street is an important entry point to the City for residents, commerce and tourists; and

WHEREAS, the pavement of Paso Robles Street is deteriorating from the Highway 101 off-ramp to 12<sup>th</sup> Street and has multiple failed areas that are “hot spots” needing repeated pothole patching; and

WHEREAS, Caltrans is beginning a project to repair on and off-ramps along the Highway 101 corridor between Templeton and Paso Robles this summer; and

WHEREAS, repairing the Paso Robles Street off-ramp will require closing the ramp, and having a paving contractor already on-site during the closures offers the City a unique opportunity to repair the street in coordination with the Caltrans work; and

WHEREAS, Papich Construction, Inc. is the contractor doing the Caltrans work at the Highway 101 exit to Paso Robles Street. Caltrans has specified night work; and

WHEREAS, staff has negotiated with Papich Construction, Inc. to complete Paso Robles Street repair work in coordination with the Caltrans work they will be doing this summer and has obtained a proposal from PEI to provide quality assurance and materials testing for this night work; and

WHEREAS, the total cost of the project would be \$147,393; \$136,530 to Papich Construction and \$10,863 to PEI; and

WHEREAS, the City has already appropriated \$120,000 of SB 1 funds for repairing “hot spots” on Paso Robles Street in the FY 2018-19 Budget. As a result, just an additional \$28,000 will need to be appropriated for this project. This additional appropriation can be funded from unappropriated State Gas Tax Fund reserves, which has a balance of approximately \$172,000.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. All of the above recitals are true and correct and incorporated herein by reference.

Section 2. The City Council hereby appropriates \$28,000 from the State Gas Tax Fund to fund the Paso Robles Street Project,

Section 2. The City Council hereby authorizes the City Manager to enter into an agreement with Papich Construction, Inc. for the amount of \$136,530 (including a 10% contingency) to complete the Paso Robles Street “hot spot” repair work while they are in town for the Caltrans on and off-ramp repair project, and with PEI for the amount of \$10,863 (including a 10% contingency) to provide quality assurance and laboratory testing.

APPROVED this 17th day of July, 2018, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

---

Steven W. Martin, Mayor

ATTEST:

---

Kristen L. Buxkemper, Deputy City Clerk