



# Council Agenda Report

**From:** Ditas Esperanza, Capital Projects Engineer

**Subject:** Award of Contract of Hot Spot Repairs of Drive Lanes along Creston Road and at Various Locations

**Date:** April 4, 2017

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## Facts

1. Creston Road from South River to Rolling Hills is included in the Council's 5-year list to be improved, using Supplemental Sales Tax.
2. As a result of their design requirements (much of which are federal and state mandates) some prior road projects—including 12<sup>th</sup> Street and 21<sup>st</sup> Street—engendered community concerns.
3. In August 2016, the City Council directed staff to accept a Caltrans grant to perform a robust Community Outreach concerning what the Community wants to see on how the Creston Road Corridor should be improved.
4. The envisioning process will take about a year to develop. In the meantime, the condition of the road surface is continuing to deteriorate.
5. In July 2016, the City Council adopted a budget and directed staff to address the travel lanes of Creston Road (hot spot repairs) now. Since the repairs are in the travel lanes, it would not affect any improvements that maybe developed during the Community Outreach.
6. Staff prepared the bid documents for the Creston Road Hot Spot Repairs. A list of other locations (problem areas that the Maintenance staff identified), were added to the base bid.
7. At the bid opening on March 9, 2017, 5 bids were received as follows (for the base bid list):

Ferravanti Grading	\$ 577,845.25
Papich Construction	\$ 718,234.00
Souza Construction	\$ 724,000.00
R. Burke Corporation	\$ 845,349.00
Calportland Construction	\$ 919,519.00
8. Following the recent string of heavy rainstorms, the City's roadways experienced serious damage. This damage was not anticipated when the request for bid package was prepared. In addition to the projects included in the base bids, staff recommends adding several more locations as a change to the overall project, and increasing the contract amount accordingly. The list of those locations is included as Attachment 1
9. It is imperative that we address the storm damage work as quickly as possible as these areas will deteriorate quickly and be more expensive to repair later. The City's bid procedures note that the City "reserves the right to increase or decrease the amount of any portion of the work, or to omit portions of the work, as may be deemed necessary or advisable by the Engineer."
10. The quality of pavement construction or repair work is based strongly on achieving proper compaction of the base and of the asphaltic concrete pavement. Compaction testing is done while the contractor is working on a given road repair, and is best done by someone other than the contractor, in order to preserve independence.
11. Using a nuclear densimeter is the best approach for determining proper compaction. The City does not own a densimeter and does not have trained staff available while the contractor is performing

each hot spot repair. As a result, the City contracts with qualified engineering firms to do this inspection and testing work.

12. Pavement Engineering Inc. (PEI), is best able to provide inspections and compaction testing for all the pavement work to be performed. PEI is the firm most familiar with our streets, as they just completed our Pavement Condition Index work. Their not-to-exceed fee is \$70,000.

### **Options**

1. Take no action;
2. Award a contract for construction and inspection services on the Creston Road Hot Spot Repairs, as well as various other locations;
3. Award contract for construction and inspection services on the Creston Road Hot Spot Repairs, as well as various locations included in the base bid, plus a number of other locations included in Attachment 1, and increasing the contract amount accordingly.

### **Analysis and Conclusions**

1. If the hot spot repairs contract is not awarded, these problem areas will continue to deteriorate, creating a nuisance to the public, increasing vehicle wear and tear, and increasing overall road maintenance costs to the City.
2. Awarding the Creston Road Hot Spot Repairs project, along with various other locations, as specified in the bid package, will improve the City's roadway system. Staff reviewed the low bid submitted by Ferravanti Grading, in the amount of \$577,845.25, and found it to be a responsible and responsive bid. In addition to Creston Road, repairs will also be performed at the following locations:
  - Niblick Road near Paso Robles High School
  - 24<sup>th</sup> Street near Park
  - 24<sup>th</sup> Street near Vine
  - 13<sup>th</sup> Street near Pine
  - Rambouillet near 1803 Rambouillet
  - Saint Andrews Circle near 1828 Saint Andrews
  - Prospect Avenue near Union to Mesa
  - Tower Road – Airport to Jardine
3. Adding additional locations and funding at this time will allow the contractor to complete the work in a timely and affordable manner, and to address the significant storm damage in a responsive manner. The estimate for the additional work, as listed in Attachment No. 1 is \$115,000.

### **Fiscal Impact**

This is a one-time expense that is already appropriated in the current City Council adopted budget for the base bid locations, and included in General Fund Reserves for the additional project locations.

### **Recommendation (Option 3)**

1. Award a contract to Ferravanti Grading, in the amount of \$635,629.75 (\$577,845.25 plus 10% contingency), for the Creston Road and at various locations Hot Spot Repairs, and add the locations listed in Attachment 1, and increasing the contract amount by \$115,000, for a total cost of \$750,629.75.
2. Engage the services of Pavement Engineering Inc. (PEI), to assist staff in providing inspection and compaction services for a not-to-exceed fee of \$70,000.

### **Attachments**

1. Additional locations to be added to the Hot Spot Repair project.

## **Additional Hot Spot Repairs Locations Based on storm damage and other conditions**

**These locations are considered to be the highest priority for hot spot repairs to be added to the planned effort, due to pavement condition, traffic volumes, and other factors. Other locations not on this list will be considered for future project lists.**

- River Oaks Drive by North River Oaks
- Stoney Creek Road at Creston Road
- Charolais Road south of Creston Road
- Portion of Brahma Street
- Niblick Road by Bearcat Lane and Country Club Drive
- Pacific Avenue by Merry Hill Road
- 19<sup>th</sup> Street by Locust Street
- Deer Spring Drive Lane by Meadowlark
- Country Club Drive by Fairway Drive
- Portions at Nicklaus Street (includes tree root removal)
- Melody Drive by Lana Street (includes tree root removal)
- Driftwood Drive by Scott Street
- Creston Road portion by median, north of Charolais Road