Ivins City Approved Expenditure Report
City Council Meeting 01/16/2025

Expenditure: FY25 Crack Sealing Project

Approved Amount: $159,850.00

Submitted by: Charles R. Gillette, P.E., Public Works Director and City Engineer

BACKGROUND:

Staff has identified locations through the city, as shown in the attached map, that need pavement maintenance as a part of the FY2025 pavement maintenance program. Sealing, or filling, pavement cracks with asphalt sealing material prevents water from entering the base and subbase of the roadway and will typically extend the life of the road by three to five years.

It is important that this work be done in advance of any pavement treatments like seals and slurries. In alignment with last year, we are continuing with the switch to contract labor on this work since bidding is usually highly competitive at this time of year.

FINDINGS AND ANALYSIS:

The attached map shows that the city has identified 2,493,979 square feel of asphalt surfaces that are due for a new crack seal treatment. We are estimating 3 tons of crack seal are needed per 100,000 square feet of asphalt surface, however, this number can vary widely and we have purposely made an effort to estimate on the high end to prevent a budget shortfall in this project. This equates to an estimate of 75 tons of material.

There are also some areas with wider cracks. When cracks are wider, we are ordering a different material that is about 60% more expensive, but it holds up better in the wider cracks. We have included 4 tons of this material in the scope.

Formal bids were received from several companies for the crack seal product and application. A summary of the bid results is provided below:

Bid	Company	Total Bid
1	Straight Stripe	$159,850.00
2	Paradigm	$165,170.00
3	Holbrook Asphalt	$174,999.00
4	C&B Asphalt	$213,300.00
5	Asphalt Preservation	$246,730.00
6	Hales	$345,852.62
7	American Pavement	$348,357.00
8	CKC Operations	$379.281.00

The apparent low bidder was Straight Stripe. Staff has issued a notice of award to Straight Stripe and is awaiting the signing of the contract to be able to start the work.

SUPPORT MATERIALS:
Map of area to be sealed
3-year plan for pavement maintenance
Map of 3-year plan

FINANCIAL IMPACT:
The city has budgeted $550,000 for street maintenance (GL 10-6051.5) in the current fiscal year. This project, at $159,850, reduces the remaining budget to approximately $390,000.

We are currently getting bids on the seal work that is planned for Ivins City and the current bid that we have exceeds the budget. We may need to look at pushing some of the projects out to the next year, but there is concern with that because next year's list of potential projects is currently estimated at $820,000. The year after that the list of projects is estimated at $405,000, so it may be possible to push some of those projects.

I have attached the spreadsheet that shows the estimated costs for maintenance in the 3-year plan. I am providing this for any guidance that might be suggested by the Council as we start preparing for budgeting for next fiscal year.

Respectfully Submitted:

Charles Gillette, P.E., Public Works Director & City Engineer

Content Review:

Dale Coulam, City Manager