Ivins City Staff Report
City Council Meeting 5/17/2018

Agenda Item: Approval of expenditure for pavement striping and additional slurry material for chip seal maintenance

Submitted by: Thomas J. Jorgensen, P.E., Assistant Public Works Director

Recommended City Council Action:
Approve additional expenditure of $23,450.00 for streets pavement maintenance and approve expenditure of $19,580.50 for pavement striping for a total of $43,030.50

BACKGROUND:
Council has previously approved 509,147 square feet (sqft) of street to receive a chip seal and slurry seal application. The intent of the slurry seal over the chip seal is to reduce the overall roughness of the chip seal and provide a better overall final product. After further consultation with the contractor doing the slurry seal, they are suggesting that in order to obtain full coverage over the heavy chip seal, it will take a thicker application of the slurry seal.

Typically, the slurry is applied at a rate of 15 lbs per square yard. The contractor is recommending applying 20 lbs per square yard to achieve full coverage. The additional 5 lbs increases the cost proportionally, consequently an increase of 33.3%. The original bid price was 13.8 cents per square foot for the 15 lbs application, and the new cost would be 18.4 cents per square foot for the 20 lbs application, or an increase in 4.6 cents per square foot. The total approximate increase in cost would then be $23,450.

Also, following the pavement maintenance for all the various treatments being applied, the striping has to be reapplied. Staff has received an estimate from Straight Stripe Painting, Inc. to provide striping services to reapply striping to those areas that are receiving maintenance this year. Straight Strip is the only local provider of striping in Washington County. See the attached estimate for more information.

FINDINGS AND ANALYSIS:
The quote for the increased cost for the 20 lbs/sqyd of slurry seal versus the 15 lbs/sqyd was a 33.3% increase in the unit cost, or an additional 4.6 cents per square foot.

The estimate from Straight Stripe Painting, Inc. was $19, 580.50.

The general fund for streets, where the expenses of pavement maintenance are extracted from, is currently under budget for this fiscal year and the additional cost of the heavier application of slurry seal falls within the total streets budget. The striping has already been budgeted for as part of the yearly pavement maintenance project. Staff requests that the Council approve these expenditures.

SUPPORT MATERIALS:
Straight Strip Painting Estimate

FINANCIAL IMPACT:
The following general ledger codes will be used
Streets Fund: 10-60-515: $43,030.50

Respectfully Submitted:

Thomas J. Jorgensen, P.E., Assistant Public Works Director

Content Review:

Dale Coulam, City Manager

Straight Stripe Painting, Inc

1812 W Sunset Blvd #1-525
St George, UT 84770
O: 435-656-0930 F: 435-634-0580

A Certified DBE Company: UT, AZ, CA, ID, MT, NV, WY

Contractor: **Ivins City**
Address: **55 N Main St**
Ivins, UT 84738
Phone: **435-634-0689**
Fax / Email: tjorgensen@ivins.com

Estimate # 03717

Date Submitted: 5/10/2018

UT Contractors Lic #: 6185058-5501

Project Number:
Project Name: Ivins City 2018 - Road Paint
Project Location: Various: Per E-Mail Attachment
DBW: N/A

Estimate By:
Ryan G Cheever
Cell: 435-862-9011
cheever@straightstripe.com

Item #	Item Description	Quantity	U of M	Unit Price	Total
	Bid Schedule				
1	Mobilization - Paint Truck	1	Each	$ 50.00	$ 50.00
2	Mobilization - Street Messages	1	Each	$ 50.00	$ 50.00
3	Pavement Marking Paint - Truck	350	Gallon	$ 20.25	$ 7,087.50
4	Pavement Message Paint	612	Each	$ 20.25	$ 12,393.00
	PRICES INCLUDE TRAFFIC CONTROL				
	*NOTE: Price Does NOT include Surveying & Layout of Pavement Markings				
	Bid is for ONE Application of paint				
	Materials Meet Current U-Dot Specifications				
	Application Rates for Materials meet current U-Dot Specifications				

Specifications:
Any mobilization estimated shall be charged for each time our company is called to perform labor and services on the project, and is NOT an estimate for mobilization for the entire project. Any item estimated at a "daily" rate will be charged per day at the unit price listed. Any item estimated as "unknown" will be charged at the unit price listed multiplied by the actual labor, services, and/or materials provided. All paint/markings to be applied under this estimate will be billed at the unit price listed above multiplied by the actual services applied at the project at your request.

Exclusions:
This estimate does NOT include surveying and/or layout of pavement markings. (Does Not Include documenting type, location and offset of existing markings). Our company is not responsible for cleaning paving marking surface area prior to painting/messaging application.

Total $ 19,580.50

This estimate is valid for a period of 30 days from the date of this estimate. Any invoice submitted by our company shall be due 30 days after the date of such invoice. Any invoice not paid within the 30 day period will accrue interest at a rate of 21% per annum until paid in full. Furthermore, in the event collection activities become necessary, our company shall be entitled to recover all of its costs incurred in the collection of the amounts due and owing under this estimate, including but not limited to attorneys' fees and court costs.

Customer Name: _____ **Signature:** _____

(print name)

Ryan Cheever

From: Tom Jorgensen <tjorgensen@ivins.com>
Sent: Monday, April 30, 2018 10:23 AM
To: Ryan Cheever
Cc: Chuck Gillette
Subject: Painting Estimate
Attachments: Pages from Bid Package - Ivins 2018 Spring Pavement Maintenance (Slurry Seal).pdf

Ryan,

Just wondering if you'd be able to send us over a quote for striping.

We're going to be needing new striping on all the roads that we're doing pavement maintenance on this spring, I've attached a map showing the roadways that have existing striping and we'll just need that striping replaced. The following locations:

1. The Roundabout at 200 East & Center Street
2. 200 East from Center Street down to 200 South
3. Center Street from 200 West to 200 East
4. Old Highway 91 from Rachel Drive up just past 200 East

I've also got several locations where we'd like some "miscellaneous" striping. Here's a of the places and the striping we'd like done.

1. 200 East Roundabout – Need bike Share-Arrows (paint them out in the lane)
2. Tuacahn Drive (from about 100 feet from the intersection with Snow Canyon Drive up to Tuacahn) – all striping needs to be refreshed
3. Snow Canyon Roundabout – just the symbols and messages (don't worry about refreshing the striping)
4. Vista School (Puerto Drive and Center Street) – Repaint the school cross walks and the "SCHOOL" messages
5. 200 East and about 50 North – Paint a new cross walk
6. 200 East and 200 South – Repaint the school cross walks and the "SCHOOL" messages
7. 400 East and 200 South – Repaint the school cross walks and the "SCHOOL" messages
8. 400 East and 400 South – Repaint the school cross walks
9. 400 West and Old Highway 91 – Fix the striping on the right turn lane off Highway 91, the white line got covered up.
10. 400 West and 200 South – Repaint the cross walk crossing 400 West

Let me know if you have any questions!

Thanks,
Tom

Thomas J. Jorgensen, P.E.
Assistant Public Works Director, Ivins City
Phone: 435.634.0689 Fax: 435.656.2286

IVINS CITY