Ivins City Staff Report
City Council Meeting 1/4/18

Agenda Item: Approval of expenditure for 600 West and 400 South Roadway Improvements

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

Recommended City Council Action:
Approve expenditure of $136,841 for construction services to construct the gap fill between Old Hwy 91 and the realignment of 600 West and 400 South plus an additional $12,000 for contingency for a total of $148,841.

BACKGROUND:
As the Council may be aware, the City is currently working on realigning 600 West so that it will intersect with Old Highway 91 at a perpendicular angle. Having this configuration provides a significant enhancement to the current intersection configuration, both from a safety and traffic flow stand point. The realignment of 600 West also requires 400 South be realigned to intersect with 600 West at a perpendicular angle. The improvements for 400 South, including both roadway and utility improvements, have already been completed as part of the Cliff Rose Phase 3 Subdivision improvements. Therefore, a gap remains connecting these improvements over to Old Highway 91. The intent of this project is to connect the newly completed 400 South improvements to Old Highway 91, including both roadway and utility improvements. A map has been attached showing the extents of the project.

Staff has requested bids from several contractors in the area that are qualified to do the work.

FINDINGS AND ANALYSIS:
The following bid were received:

	Bid Price
JP Excavating Inc.	$136,841.00
Interstate Rock Products Inc.	$140,671.25
Leavitt Construction Co.	$149,516.80

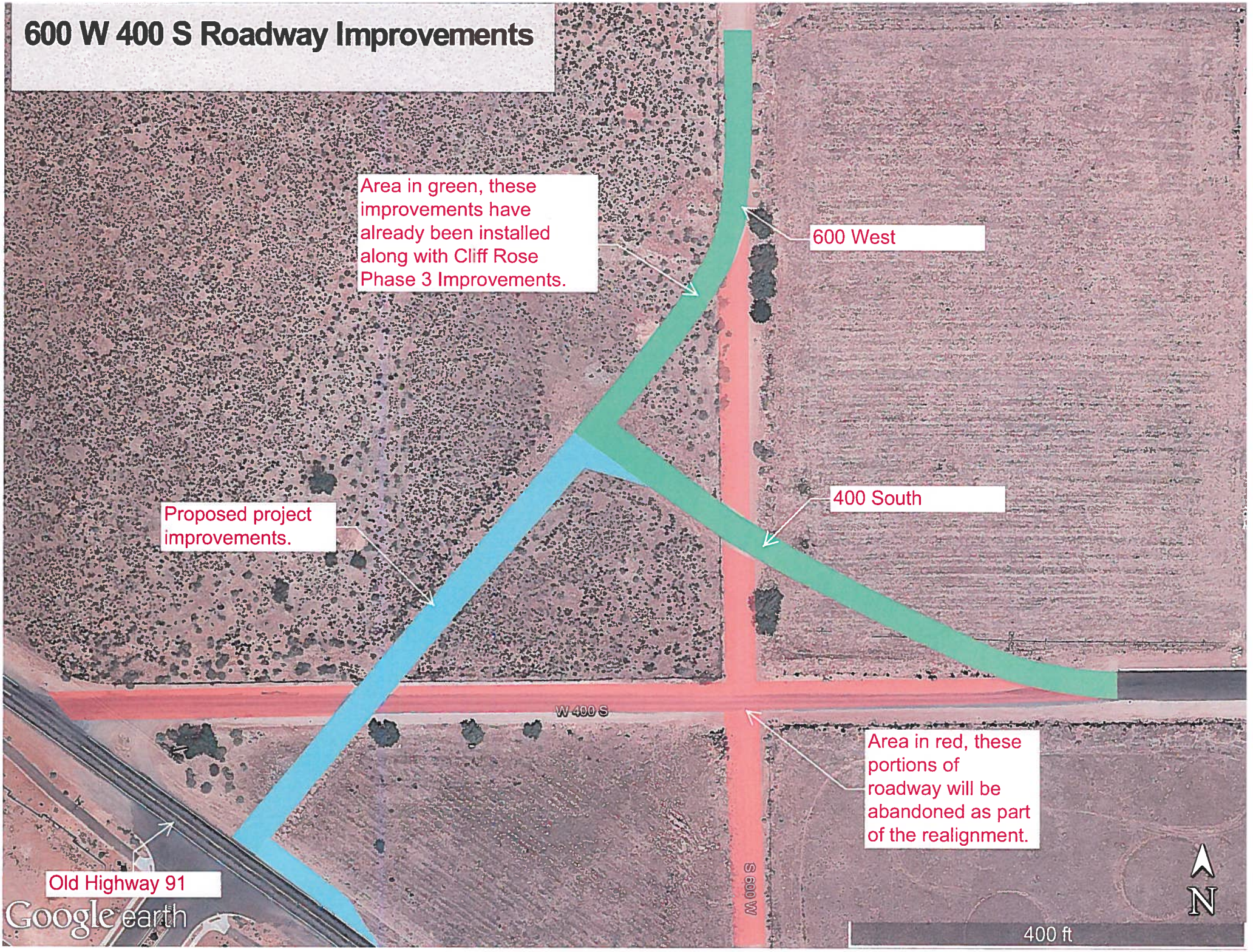
The apparent low bidder for the project was JP Excavating with a bid price of $136,841.00. Staff requests that the Council approve the expenditure of $148,841 to include a contingency ($12,000) for potential change orders for construction of the project.

SUPPORT MATERIALS:
- Bid Tabulation
- Map – Showing the extents of the project.

FINANCIAL IMPACT:
The expense has not been budgeted
49-4071.0 - $148,841.00

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

Content Review: _____
Dale Coulam, City Manager


600 W 400 S Roadway Improvements
Area in green, these improvements have already been installed along with Cliff Rose Phase 3 Improvements.
600 West
400 South
Proposed project improvements.
W 400 S
Area in red, these portions of roadway will be abandoned as part of the realignment.
Old Highway 91
S 600 W
Google earth
N
400 ft

Bid Tabulation - 12/28/17
Ivins City
Project - 600 W 400 S Roadway Improvements

				JP Excavating Inc.		Interstate Rock Products Inc.		Leavitt Construction Co.	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization	1	LS	$ 10,000.00	$ 10,000.00	$ 7,600.00	$ 7,600.00	$ 9,964.00	$ 9,964.00
2	Construction Staking	1	LS	$ 3,000.00	$ 3,000.00	$ 4,310.00	$ 4,310.00	$ 2,536.00	$ 2,536.00
3	Dust Control & Watering	1	LS	$ 3,000.00	$ 3,000.00	$ 5,940.00	$ 5,940.00	$ 5,023.00	$ 5,023.00
4	Materials Testing	1	LS	$ 3,000.00	$ 3,000.00	$ 2,620.00	$ 2,620.00	$ 6,114.00	$ 6,114.00
5	Traffic Control	1	LS	$ 8,000.00	$ 8,000.00	$ 7,400.00	$ 7,400.00	$ 9,863.00	$ 9,863.00
6	8" PVC Lines, Fittings, Tracer Wire, Bedding, Backfill & Installation	550	LF	$ 30.00	$ 16,500.00	$ 54.00	$ 29,700.00	$ 42.00	$ 23,100.00
7	8" Gate Valve Assembly & Installation	1	EA	$ 2,400.00	$ 2,400.00	$ 2,410.00	$ 2,410.00	$ 1,860.00	$ 1,860.00
8	6" PVC Lines, Fittings, Tracer Wire, Bedding, Backfill & Installation	75	LF	$ 25.00	$ 1,875.00	$ 80.90	$ 6,067.50	$ 55.00	$ 4,125.00
9	6" Gate Valve Assembly & Installation	1	EA	$ 2,000.00	$ 2,000.00	$ 2,021.00	$ 2,021.00	$ 1,250.00	$ 1,250.00
10	T-Patch across HWY 91 (8" asphalt, 12" UBC) (14' wide)	588	SF	$ 8.00	$ 4,704.00	$ 10.75	$ 6,321.00	**$ 8.00**	**$ 4,125.00**
11	Concrete Cross Gutter	440	SF	$ 11.00	$ 4,840.00	$ 11.90	$ 5,236.00	**$ 9.66**	**$ 4,250.00**
12	Saw Cut	330	LF	$ 2.00	$ 660.00	$ 2.00	$ 660.00	$ 2.00	$ 660.00
13	Obliterate Existing Roadway (leave in place)	6950	SF	$ 0.50	$ 3,475.00	$ 0.10	$ 695.00	**$ 0.47**	**$ 3,250.00**
14	Place Piles of Fill	1	LS	$ 800.00	$ 800.00	$ 3,355.00	$ 3,355.00	$ 250.00	$ 250.00
15	3" Bituminous Surfacing w/ 6" Base	19470	SF	$ 2.60	$ 50,622.00	$ 2.35	$ 45,754.50	**$ 2.72**	**$ 52,957.00**
16	Subgrade Preparation (18" min. compacted subgrade compacted to at least 95%)	19470	SF	$ 0.50	$ 9,735.00	$ 0.25	$ 4,867.50	$ 0.86	$ 16,744.20
17	2' UBC Shoulder (8" thickness)	960	LF	$ 1.50	$ 1,440.00	$ 2.00	$ 1,920.00	$ 1.11	$ 1,065.60
18	6' Drainage Ditch w/ 2' Drainage Berm	415	LF	$ 6.00	$ 2,490.00	**$ 2.40**	**$ 1,020.00**	$ 2.00	$ 830.00
19	12' Drainage Ditch	500	LF	$ 10.00	$ 5,000.00	$ 3.10	$ 1,550.00	$ 2.00	$ 1,000.00
20	15' Drainage Ditch	275	LF	$ 12.00	$ 3,300.00	$ 4.45	$ 1,223.75	$ 2.00	$ 550.00
			TOTAL	$	136,841.00	$	140,671.25	$	149,516.80

*The numbers in bold and bordered in bold indicate an error in the bid calculation. For informational purposes, the "TOTAL" figure from the bid was used to fill out the bid tab, rather than the unit price from the bid.

