

Brian Janes, P.E.  
 10509 Professional Circle, Suite 102  
 Reno, NV 89521  
 September 17, 2018

Kevin Porter, P.E.  
 431 Prater Way  
 Sparks, NV 89431

**Re: East Prater Wat Storm Drain Design Project Scope**

Kevin,

Atkins has reviewed the remaining budget for the East Prater Storm Drain Design Project and based on the outcome of our meeting with the City on 8/15/18, have identified the change order necessary to redirect the design to include a storm drain pump station at the intersection of East Prater Way and Vista Boulevard.

Our approach to include the pump station and modify the design submitted would be as follows:

- Add an electrical sub-contractor (Jensen Engineering) to the team
- Determine whether a Jensen Precast pump station design may be used
- If a Jensen Precast design cannot be used,
  - Utilize Atkins structural engineers as needed for any pump station vault design
  - Utilize Atkins water infrastructure engineers for the pump station design details
- Update design plans, design report, and cost estimate to include the pump station and force main to the manhole just east of the North Truckee Drain
- Resubmit 50% submittal documents for City review
- Continue with planned 90% and final submittals
- Schedule is tentatively planned to begin construction in late summer of 2019

Our estimate of the project's current financials show that we have approximately \$95,000 (41%) of budget remaining. Below are two estimates of work based on whether a Jensen Precast pump station may be used. We believe Jensen will be able to develop the pump and associated materials based on preliminary coordination but will not know for sure until we get into the design and hydraulic modeling.

Task	Description	Budget Adjustment Requested	Work Description
800	Pump Station (Jenssen Precast)	\$55,500	Jensen Precast will design the pump station per the project's needs and Atkins will incorporate design into modeling, plans, and estimate.
800	Pump Station (Atkins Design)	\$120,100	Atkins will complete the full pump station design which may include structural support for vault design.
	<b>Total Budget</b>	<b>\$349,100 (+ \$120,100)</b>	

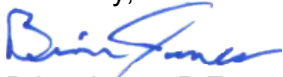
The above proposal would increase the original \$229,000 contract fee to \$349,100. Taking this approach, Atkins will attempt to use a Jensen Precast pump design. If this is able to be accomplished, we anticipate the project fee will be time and materials work not to exceed \$284,500 (\$229,000 original contract + \$55,500 fee for pump station design. If the Jensen Precast design cannot meet the needs of

City of Sparks  
September 17, 2018  
Page 2

the project, then the full \$349,100 fee is anticipated. We recommend that the full amount be authorized so that the project can be advanced without delay. Atkins will coordinate early with the City and only move forward with a non-Jensen design if the City approves. If this meets with your approval, and Atkins receives a notice to proceed by 11/1/18, we anticipate we can deliver final plans by 7/1/19.

Please call me if you have any questions at 789-9831.

Sincerely,



Brian Janes, P.E.  
Project Director

Cc: Andy Hummel