



MEMORANDUM

To: Mayor Hunsaker & City Council Members

From: Norm Beagley, P.E., Assistant City Manager, City Engineering

Date: May 14, 2021

Re: Horrocks Engineering Change Order-NRCS Debris Basin Final Design and Construction Engineering Contract

In early 2020, Horrocks Engineering completed the Supplemental Plan EA (Plan EA) for the Santaquin East Bench Debris Basins. They then submitted that supplemental Plan EA to the National Resource Conservation Services (NRCS) for their review and approval. In late 2020, NRCS provided notice to Santaquin City that the Final Plan EA had been approved as submitted by Horrocks Engineering.

As a result of the NRCS approved Plan EA, and in coordination with Horrocks Engineering and NRCS, we also applied for NRCS funding for final design and construction for those east bench basins. As you are aware, on October 7, 2020, we received notice from Congressman John Curtis' Office that Santaquin City had been awarded \$9,104,800.00 from NRCS for final design and construction for the east side debris basins.

It is now time for this project to move into the final design stage for these debris basins planned on the east bench. These debris basins will help protect homes, businesses, and city infrastructure on the east bench from high runoff volumes and potential debris flows.

For your information, the current funding contract between Santaquin City & NRCS amount is \$1,898,125.00. This funding increase is the final design and construction engineering portion of the \$9,104,800.00 that was awarded in 2020 by NRCS that provides full funding for the final design, construction engineering, and the future construction of the debris basins.

With this additional NRCS funding, there is sufficient funding to fully cover 100% of the final design and construction engineering for the east bench debris basins identified in the Plan EA report. For this portion of the project (Final Design and construction engineering) the City is not responsible for any of the project construction costs. The USDA-NRCS funding completely covers this work.

I have reviewed the proposed Horrocks Engineers change order with the staff at USDA-NRCS. They, as well as City staff, are comfortable with the proposed change order for the final design of the east bench debris basins and construction engineering services.

As a reminder, future property acquisition needed for these east bench debris basins is not funded by any NRCS federal funds. All property acquisition in this regard is the responsibility of Santaquin City. We will not fully know the exact property locations, sizes, and therefore, property acquisition costs, until the final project design is complete.

This changer order amount is in line with industry standards for design and construction engineering services for federally funded projects of this nature with an overall percentage of 12.4% of estimated project costs.

As a municipality, Santaquin City is authorized to utilize UDOT's engineering services pool. Horrocks Engineering is currently on UDOT's engineering pool of approved engineering firms for this type of work. Therefore, they are fully prequalified to perform this work for Santaquin City.

I am happy to answer any questions that you may have regarding this item.