

Kingsbury GID Engineer's Report to the Board

October 20, 2020

Below is a summary of items since last month's report:

General Services

General Service tasks include monthly board report and general correspondence with Staff. General Service projects are identified as sub-items below.

Farr West performed a review in March and commented on the developer project "Chalet at Summit Village." Farr West has been contacted by the developer's engineer to support efforts to submit to NDEP-BSDW for review and comment.

Tahoe Beach Club Inspection Services

TBC management has contacted Farr West indicating the project is revising its approach and is working with Douglas County to close the current Site Improvement Permit (SIP) and open a "Phase 2" SIP that will include the remaining buildings of the development. Farr West has submitted the revised drawings to NDEP-BSDW for a review to consider if the design changes warrant a re-submittal and permit review. A full re-review is not anticipated, but final determination is required to ensure KGID can sign-off the Douglas County permit.

Andria Road Rehabilitation

Aspen Developers (Aspen) initially completed work meeting substantial completion on September 1st. At this time, the water main was in service and the roadway was paved leaving a punch list of items to be completed. After paving was completed, the third-party material testing results for asphalt cores (measuring thickness) were finalized which presented a section of asphalt (approximately 545-feet between Bradbury and Barton) did not meet thickness requirements. Additionally, the pavement at the corner of N. Benjamin and Andria did not meet design grades resulting in water not sheeting off the roadway. After an on-site meeting with all parties, Farr West rejected the defective work. Aspen, and its paving sub-contractor, corrected the thin section by installing a 1.5-inch overlay over the full width, and milled and re-paved the corner during the week of October 5th. Aspen has a few items remaining on the punchlist to correct prior to final acceptance.

Farr West is working with Aspen to finalize any outstanding changes/claims to the project. After project changes and conditions that were deemed changed orders by Aspen, the overall project budget is nearing the Board approved budget plus 10% contingency. Prior to finalizing all outstanding changes/claims, it appears that the project cost may come in just under the awarded budget. A factor in overall budget is the reduction in the project to account for work performed by Farr West related to the correction of the defective work, as allowed per the general conditions in the contract documents. This will be accounted for within the final corrective change order. Farr West's engineering budget remains within approved task order contract.

Farr West has begun processing the record drawings, updating GIS, and submitting final completion to permitting agencies. Once complete, this project will be closed out.

FY 20/21 GIS

Farr West has begun work for the FY20/21 GIS implementation with tasks/priorities previously identified.

Juniper/Kjer Water and Road Improvement Project

White Rock Construction (WRC) completed work meeting substantial completion on August 21st and has since completed all punchlist items. Construction was completed on time and under budget; therefore, KGID approached WRC to complete asphalt repairs within NDOT ROW related to a previous leak on the 16-inch transition main. With all work completed and the removal of the Kjer bid alternate, the total cost was significantly below the Board approved budget.

Farr West is working with WRC for project closeout items. Farr West has nearly completed record drawings, updating GIS, and final completion to permitting agencies. Once complete, this project will be closed out.

Sealing Construction Management

Sierra Nevada Construction (SNC) began work on the 2020 Sealing Project on August 25th and completed on September 3rd. Farr West is working with WRC for project closeout items. Farr West has nearly completed record drawings, updating GIS, and final completion to permitting agencies. Once complete, this project will be closed out.

Chlorine Generation Unit Procurement and Permitting

Procurement bid opening for the Chlorine Generation Unit was held on August 13th where Process Solutions, Inc. (PSI) was the sole bidder. Farr West performed a due diligent review of PSI and determined that PSI is one of the premier companies for chlorine generation technologies and equipment. The award of the project to PSI is scheduled for the KGID October Board Meeting. Once awarded, PSI will prepare a shop drawing package to Farr West for review and comment. Once accepted, Farr will generate a permit package containing plans and the shop drawing submittal from PSI to submit for review and approval. Once approval is received, KGID may proceed with contracting with PSI for installation of the materials.

2021 Waterline and Road Improvement Project

KGID and Summit Plumbing performed water and sewer utility locates for the project area for Farr West's survey to collect for design purposes. Additionally, geotechnical investigation of the project was performed in mid-September to collect information pertaining to the subgrade material and condition, and to determine existing asphalt characteristics. The geotechnical report was just submitted for review and use. The survey was processed, and Farr West is just beginning design of the project.

Task Orders Submitted:

- None