

WSF 2018 ANNUAL REPORT #5187

(Nebraska Bostwick Storage Enhancement and Retiming Project)

This report is the first report since the application for this project was awarded funding.

The Bostwick Irrigation District in Nebraska (NBID) is in the process of beginning to modify the Franklin Canal check structures to accommodate the installation of the Rubicon automated gates. Presently our plan is to modify and install gates in check structures on the upper half of the canal before water season and finish installing the last half after the 2018 water season.

All agreements have been signed with the Lower Republican NRD and with Rubicon. We are awaiting the arrival of the first shipment of gates and gate frames. Also, the Rubicon computer server and technical equipment has been ordered and will be in place in the Red Cloud office before water season. Radio antennas have been ordered and will be installed at the Red Cloud and Franklin offices to relay information to and from each gate site.

Upon receiving each invoice from Rubicon it will be sent to the State for funding, then to the LRNRD for their funding. All funding for in-kind services such as labor, materials and equipment used to prepare each check structure and to install the gates will be paid for and recorded by NBID. Currently, the plan calls for all of the \$3.2 million to be used in 2018.

Once the Franklin Canal is diverting water, the TCC tuning will occur and Rubicon will work with NBID each of the first 2-3 years to operate and fine-tune the system.

Tracy Smith, Manager NBID

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