



WSF 2021-2022 Annual Report #5306
City of Peru Long-Term Water Supply and Flood Resiliency Project

PROJECT PROGRESS THROUGH APRIL 2022:

The City of Peru (City) hired JEO Consulting Group (JEO) to design the proposed water supply and flood resiliency project, an 11-mile water transmission main from the City of Auburn to the City of Peru. Project design is 100% complete and design activities included the completion of a topographic survey, geotechnical bores, equipment and material evaluations, key stakeholder coordination, and the preparation of preliminary and final design plans.

In addition to the finalization of the design, supplemental design activities during the past year included wetland delineations and environmental reviews, an archaeological review, continued stakeholder coordination, permitting, and property/easement acquisitions. The permits expected to be required remain the same as listed in the original application. Permits have been submitted, and all are expected to be secured in advance of the start of construction – an update is included later in the project summary. Property and easement acquisition activities are underway, and all property/easements are expected to be secured in advance of the start of construction.

With bidding planned for Spring 2022, the City expects to award a construction contract in late Spring 2022 and start construction in early Summer of 2022. Construction is planned to be substantially complete by the end of 2022.

ANTICIPATED FUNDING NEEDS FOR THE REMAINDER OF THE PROJECT:

The City received a fixed cost funding offer from FEMA after the original application was submitted. The FEMA fixed cost offer was accepted by the City on November 23, 2020. The fixed cost offer received provides 90% grant assistance from FEMA and 5% grant assistance from NEMA, up to a total project cost of \$6,923,840.43. The resulting maximum grant amount received from FEMA/NEMA is therefore \$6,577,648.41. Included in this document is an updated cost estimate based on current market rates for construction materials and costs.

LIKELIHOOD THAT BENEFITS PROJECTED IN APPLICATION WILL BE REALIZED:

The scale and scope of the project and the anticipated benefits described in the original application remain unchanged. All the projected benefits are anticipated to be achieved upon completion of the project.

The City greatly appreciates the support and funding from the Water Sustainability Fund. The City looks forward to the start of construction on this project, as this will be another big step toward the recovery of the community from the devastating March 2019 flood. The City is currently supplied water by a small temporary water treatment facility and all residents, businesses, and Peru State College have been on water restrictions since the flood. The implementation of this project will bring a sense of normalcy back to the community and will restore a fully functioning water supply that is safe, reliable, and sustainable.



Project Update

DATE AND TIME | Friday February 25, 2022
PROJECT | 2021 Water System Improvements
JEO PROJECT NO | 191141.06
PROJECT LOCATION | Peru to Auburn
OWNER | City of Peru

1. Pipe Pre-Procurement Update

- Pipe manufacturing anticipated between February 14 and March 4, 2022
- Lincoln Winwater anticipates delivery by May 1, 2022

2. Permit Status Update

- Nebraska DHHS comments have been received and comments response has been submitted
- Union Pacific permit application has been submitted and agreement is pending city approval
- Nebraska DOT occupy permit has been submitted and approved
- Nebraska DOT undercrossing permit has been submitted and approved
- Nemaha County Emergency Management floodplain permit has been submitted and approved
- Nemaha County Roads department undercrossing permit has been submitted and approved
- SWPPP notice of intent has been submitted and approved

3. Easement Acquisition Update

- Booster Station site in Auburn to be secured as a lease agreement
- Easement offers and agreements have been signed for seventeen [17] properties
- Easement negotiations for remaining fifteen [15] properties are ongoing

4. Project Schedule

- Preliminary Design: July 1, 2021 **[Complete]**
- Final Design: December 17, 2021 **[Complete]**
- Permitting: March 4, 2022 **[Ongoing]**
- Property Acquisition: March 21, 2022 **[Ongoing]**
- Anticipated Advertisement and Bidding:
 - Advertisement 1: March 10, 2022
 - Advertisement 2: March 17, 2022
 - Advertisement 3: March 14, 2022
 - Bid Opening: March 31, 2022 @ 10:00 AM
 - Project Award: April 2022
 - Contracts in Place: May 2022
- Construction: June 2022

5. Final Opinion of Total Project Cost

• Construction Subtotal:	\$5,639,000
• Construction Contingency:	\$566,000
• Easement Acquisition:	\$225,000
• Connection Fee:	\$565,000
• Engineering Services:	\$829,750
Estimated Total Project Cost:	\$7,824,750
Estimated Local Share:	\$498,840