

Village of Dolgeville Engineer's Monthly Update

5
3/18/24

March 2024

Active Projects

IDA Elevated Water Storage Tank

- The IDA's project, in collaboration with their consultant, Wright-Pierce, aims to design and permit an elevated water storage tank at the village's southern end, with a kick-off meeting held on February 21, 2024.
- The project focuses on a 500k gallon capacity tank to ensure sufficient water flow and pressure maintenance within the village, with considerations for an additional water truck filling system for possible revenue generation.
- Concerns include potential HAA formation from aged water and recommendations for specific construction features (e.g., altitude valve, inflow/outflow meters, auto-flushing hydrant) to enhance water quality and system efficiency.
- Funding sources include WIIA and CFA through the Herkimer IDA.
- The project timeline outlines a design completion by October 1, 2024, bid documents by November 1, 2024, with construction starting January 1, 2025, following a December 1, 2024, construction award. Early water line construction bids will be considered to expedite the overall schedule.

Drinking Water Source Protection Project (DWSP2)

- A kick-off meeting for the Drinking Water Source Protection Program (DWSP2) was held on February 27, 2024, and covered key introductory elements of the program, including:
 - o An overview of DWSP2's aim to empower municipalities to protect public drinking water sources through state-supported technical assistance.
 - o The steps involved in the DWSP2 process, including plan preparation, development, and implementation, with emphasis on community engagement and the role of technical assistance providers.
 - o Assurance that there are no direct costs for plan development, highlighting the expectation for municipalities to invest time and local knowledge in collaboration with technical assistance providers.
- Our next steps will be to assemble a focus group of interested and involved partners, then holding an initial meeting with our NYSDEC advisors to begin the program.

DEC Mohawk River Watershed Grants – Round 5

- The schedule outlined for this project, as discussed in the meeting on February 28, 2024, has the following key milestones for project design phases:
 - o Completion of 30-50% of design drawings and specifications is expected by the end of March.
 - o Achievement of 90% design drawings is targeted for the end of April.
- I am currently researching Congressionally Directed Funding (CDF) opportunities for this project.

NYSDOT Quarterly Meeting Summary

- The quarterly meeting held on March 7, 2024, brought together representatives from the NYSDOT, Salisbury Ridgerunners, Barton & Loguidice, Highland Planning, and Colliers Engineering to discuss various projects and initiatives:
- NYSDOT Bridge Project:
 - o Upcoming outreach by DOT to impacted property owners.
 - o Discussions on new street alignment and sidewalks on North Main Street by Highland Planning, B&L, and DOT.
 - o Sharing of HEC-RAS model by DOT with Highland Planning for water elevation coordination regarding the North Main Street Park design.
 - o Route 29 Bridge Replacement will likely be bid in October 2025, with award in December 2025, and construction from Spring to Fall 2026.
- Beaver Brook Culvert (NYSDOT Portion):
 - o Bidding by the end of 2024, with construction likely in 2025 to avoid simultaneous bridge and culvert construction.
- Main Street Sewer Project:
 - o Final plans submission by the end of the next week to various reviewing entities.
 - o Bidding in July/August 2024, followed by construction possibly including winter work.

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Halloween Flood Event (404 Mitigation Program) DR4472

- An extension request that would bring the close of the project to September 17, 2024 was delivered to DHSES this past month.
- A demolition planning matrix is included with this report summarizing the current progress.

Fink Creek Storm Drainage System Project 4472DR-NY [130884]

- RFQs for this project were due back to Village Hall on February 12th, 2024. However, this RFQ process was a requirement of the Congressionally Directed Funding that was allocated to the project (separate from the FEMA funding). Since this funding has been transferred to the Main Street Sewer Project, the RFQ process no longer applies.
- **I recommend awarding the design of the project at this meeting to keep with FEMA's request to begin the project immediately.**

Bridge NY Applications

- Bridge NY applications for the Beaver Creek Culvert (approach section) at Main Street and the Ransom Street culvert were submitted for review this past month. NYS DOT estimates that awards for the program will be in late Q2, 2024.

Beaver Brook Floodplain (Letter of Map Revision, LOMR)

- Attended the kick-off meeting for the new Herkimer countywide study on March 29th. Our LOMR will continue and be filed, but the county-wide process will be starting over.

FEMA Recovery Transition Meeting (RTM)

- Attended the RTM with FEMA and DHSES at Village Hall on February 24th. All future business for obligated projects now continues with NYS DHSES rather than FEMA.
- The siphon project cannot be resurrected after the appeal period of 60 days expired post-discontinuation request. DHSES suggests re-routing the siphon through a 404 mitigation program, using its denial as support for the request and detailing reasons for the denial.
- Concerns raised about Fink Creek project's timeline and the necessity to start the investigation phase immediately for timely scope of work change requests.
- Management costs, including those for projects that were not completed (like the siphon), should be included in cost reimbursement due to FEMA's involvement.

Timmerman Street Water and Sewer Extension

- We are still awaiting NYSDOH approval for the water main extension for this project.

Watershed and Park Forestry Proposal

- **A proposal was provided for action at this meeting, under a separate cover, by F&W Forestry for services requested on village-owned parcels.**

NYSDEC Community Assistance Visit (CAV)

- A CAV meeting is scheduled for March 14 at Village Hall that will focus on the Village of Dolgeville's involvement with the National Flood Insurance Program (NFIP). This visit is aimed at assessing the effectiveness of local floodplain management ordinances and enforcement practices, as well as addressing any queries regarding the program, community responsibilities, and issues with past permits and enforcement.

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General

- EPA Lead and Copper Rule Changes (deadline of October 16, 2024)
- Brownfields Opportunity Area Project w/ IDA
- NY Forward Projects

DPW Project List

- Repair / replacement of 4 major creek culverts throughout Village
- Vehicle acquisition / replacement planning
- Co-funding sources for Main Street Paving / ADA Compliance Project
- DPW Garage Construction Grants (CHIPS?)
- Greenway Extension Grants (Main Street to Gehring Tricot)
- 2nd Street Drainage Improvements (*on hold*)
- Van Buren Street Erosion / Streambank Protection
- Water Transmission Main Clearing

WTP / Water Distribution System Project List

- Siding Repairs at Rear of WTP
- Water Transmission Main Mapping (after water service data collection, before access road clearing)
- Preliminary Engineering Report for System {needed for future grant applications}
- Village Water Tower and Industrial Park Utilities

WWTP / Collection System Project List

- Phosphorous Removal Limits Changing, 1.0 (EPG)
- Incorporate Video/Condition Assessment Into GIS / HOCCPP System
- WWTP Study / Proposed Upgrades for IDA Project

ARPA Project List

- Primary Tank Concrete Repairs (completed)
- WTP Instrumentation (completed)
- MH Inspections (completed)
- WTP Disinfection Byproducts (*on hold*)
- WTP Spillway (completed)
- **WTP and WWTP Preliminary Engineering Reports (WWTP to be completed by IDA)**
- Miscellaneous Collection System Repairs

Creeks and Flood Prevention

- East Canada Creek Sediment / Hydraulics; Dam Removal
- Van Buren Street Ice Jam / Flooding; ACOE Design and Permitting
- Beaver Brook Floodplain Study / LOMR – New County Flood Maps?
- ACOE East Canada Creek – Erosion and WWTP Protection (*on hold, waiting for NYSDEC*)