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TOWN OF TOWNSEND - MONTHLY ENGINEERING REPORT | SEPTEMBER 2024

TO: Julie Goodyear, Town Manager
FROM: Erik Gruenes, PE
RE: Town of Townsend | Monthly Engineering Report
DATE: August 30, 2024

Remington & Vernick Engineers (RVE) is pleased to provide the Town of Townsend this status update for the various capital and planning projects.

Should you have any questions please contact me at (302) 287-7460.

CAPITAL PROJECTS

1. Surface Water Matching Planning Grant Program (DNTET101)

- a) Survey Team will be along Cannery Lane starting September 3rd and will be there approximately a week
- b) The preparation of the Cannery Lane drainage design plans and specifications are in process by RVE. The project is approximately 90% complete.
- c) RVE met with Survey Team has budgeted for the easement confirmation. In the final steps of confirming scheduling, likely the 3rd week of August.
- d) Construction easements may be required to complete the project. Survey verification required to confirm the location of existing and proposed drainage swales.

2. Townsend Municipal Park Irrigation (DNTET105)

- a) Construction has begins week of September 3rd. Contractor is laying the initial electrical inlet & tapping the water this week. Contractor is waiting for pumps to be delivered for full construction. Once received, full construction will begin
- b) Construction of Electrical Work is finished and approved by Certified 3rd party.
- c) The Bid Opening was May 28, 2024, at 10:00 AM. One supplier, Delaware Environmental Construction Services, submitted a bid of \$107,755.
- d) The Electrical work was awarded to Generation Electric Services for the amount of \$23,500.
- e) A request for additional grant funding was submitted on March 12, 2024, to the ORPT Planning Manager to determine whether more funding is available for the project. Supplementary funding is required due to the change of scope to use the existing wells pumps as the water source for the irrigation system and the increase in construction cost.

3. 2024 Road Program (DNTET106)

- a) Bid Opening was on 8/30 at 10:00 am. We received one bid, from Delaware

Environmental Services for \$137,107.00. Internal cost estimate was \$39,495.00.

- b) Currently looking into the feasibility of Townsend directly hiring contractor without bidding or a more reasonable price.
- c) After on-site pre-bid meeting on 8/13, the scope of the project was changed. Fulton Street is in good condition and does not need any work done at the moment on it. The new scope of project will solely focus on Finnley Street.

4. 2024 - 2025 Townsend General Engineering (DNTET109)

Annexation Project

- a) Updating all GIS Maps to include the annexation of 6170 Summit Bridge Road.
- b) Expected to be done by end of September.

Finnley Street Pole Barn

- a) Townsend was sent RVE pole barn proposal to review on May 1, 2024.
- b) USACE issued Preliminary Jurisdictional Determination letter received on March 6, 2024. The proposed pole barn design does not require a Department of the Army permit.
- c) Project scope finalized in February 2024.
- d) On December 20, 2023, USACE requested a more detailed concept plan showing the proposed development on the site (i.e. access road, parking). A detailed concept plan was given to the USACE by January 31, 2024.
- e) Final submission of USACE Nationwide Permit on November 27, 2023. Review completed by January 26, 2024.
- f) Received environmental review by DNREC on September 29, 2023.

Vialytics Program

- a) Training session occurred on August 20, 2024 to educate staff on how to use & operate the hardware.
- b) Training session for software use is tentatively being scheduled for the week of September 16-20

Sinkhole

- a) Review of plans indicate sinkhole may be near stormwater pipe. This will require a further investigation of the pipe. Currently being planned for an inspection within the next 2-4 weeks is possible.
- b) Sinkhole along Sunnyside Lane in Townsend Station was reported. Paul DiMartino filled with stone.

PLANNING PROJECTS

1. Townsend Village I (DNTEP013)

- a) Open Space Program is currently being handled by the Developers legal department.
- b) The Developer completed the restoration of the existing stormwater basins located behind 231 Edgar Road & behind Marilyn Court. The work included re-grading existing slopes, stabilizing slopes with erosion control matting, and replacing deteriorated outfall pipes.

2. The Woods at Hidden Creek (DNTEP082)

- a) RVE reviewed and approved plan permit for lot #5 & #55. RVE will continue to review permit plans for development.
- b) Phase 5 sitework is underway. Due to high water tables, construction is planning to raise the ground floor approx. 18” from plans. Developer will re-submit any plans that change.
- c) The listed lots are currently under construction:
Lot 14, 15, 16, 17, 18, 23, 25, 26, 34, 42, & 51
- d) There are approximately (26) houses built in the development to date.