



Stormwater & Flooding Updates

Completed, Ongoing and Planned Project Summary

Hurricane Ida and Flooding

Over the course of the last several years, weather events including severe rain storms have created flooding issues in the valley within the Township of Verona. As a result of the stormwater flooding, residents and businesses in the area have been impacted.

Peckman River:

Areas along the Peckman River sustained severe flood damage, including our Waste Water Treatment Plant

The increased volume of water we have seen over the last several years has also compromised the banks of the river adding to flooding issues

Heavy rains impact other areas throughout town, not just along the Peckman River



Response Since Ida

Natural debris removal/clearing (trees, limbs, rocks) after Hurricane Ida was completed along the Peckman in March of 2022

The Office of Emergency Management has developed a Stormwater Management Planning Guide which identifies new operating procedures for severe weather events to help mitigate flooding within the Township

Key Components of the Plan:

- As weather events approach, DPW inspects and cleans all stormwater catch basins, culverts and drains throughout town
- During the storms, DPW will actively monitor all to maintain water flow
- Municipal and County Officials will confer and share communications on storm preparation, which includes monitoring Verona Lake levels
- All communications are disseminated to the Local Emergency Planning Council (Administration, PD, FD, Rescue, BOE, Township Staff)

Response Continued

- Working on increased drainage in targeted areas
- Replacing solid manhole covers with grated manhole covers to increase drainage
- Continued sewer jetting
- Temporary bank stabilization along the Peckman River
- Comprehensive Risk Assessment Study by Rutgers Engineering
 - Identified High Flood Risk Areas
 - Impacts to Infrastructure
 - Erosion
 - Identified Stormwater Management Infrastructure Recommendations
- Regular Meetings with neighboring towns, Essex County, The NJ Department of Environmental Protection, FEMA, The Army Corps of Engineers and our Local, State and Federal Elected Officials.

Current Projects

- Sunset Avenue - Installing a double inlet with a small head wall to catch overflow from the golf course
- Working with the Golf Course on drainage issues on their property
- Proposals being received for realigning stormwater drains on Marion Road
- Grated manhole covers have been ordered for various locations throughout town
- Partnering with Cedar Grove on a Joint Flood Control Advisory Board
- Submitted our Expression of Interest for Technical Assistance for Reliance Planning for Ida Affected Communities
- Proposals have been received for bank stabilization work near the Bloomfield Ave. bridge over the Peckman
- Developing a bid package for annual jetting services

Planned & Ongoing Projects

- Flood Mitigation Efforts at the Wastewater Treatment Plant
- Annual maintenance and clearing of debris from the Peckman
- Ongoing meetings with NJDEP on bank stabilization options
- Working with FEMA & DEP on funding options
- Engineering studies for solutions on stormwater control and bank erosion
- Partner with neighboring towns to solicit federal help from the Army Corps of Engineers for long term flooding solutions

More Information

Peckman River Project updates can be found here:

www.VeronaNJ.org/PeckmanRiver

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