



Update on Flood Mitigation Efforts

Tunnel Survey and Structural Evaluation Work

March 13, 2025

Twin Floods of 2020

August 8, 2020



Twin Floods of 2020

August 22, 2020



Response to Floods – Mitigation Efforts

City Council Meetings/Decision Points



September 10, 2020

- Direction from Council to engage consultant to perform a study and present mitigation solutions to alleviate flooding

May 27, 2021

- Study completed and presented to Council
- Extensive potential projects – Tens of millions of dollars – not feasible

Response to Floods – Mitigation Efforts

City Council Meetings/Decision Points



August 26, 2021

- Follow up to flood study; staff recommended more feasible and immediate initiatives
- Including – tunnel maintenance and improvements, which had three areas of focus: structural, hydraulic and legal

September 2022

- Council allocated ARPA funds for the tunnel study

Immediate initiatives identified in Wiley|Wilson study:

- Evaluate structural soundness
- Identify utilities/ability for relocation
- Identify debris to be removed
- Plan for future access points
- Plan for existing debris removal

Response to Floods – Mitigation Efforts Update



Staunton Recognizes Flood Awareness Week

WHSV3, March 10, 2025

<https://www.whsv.com/2025/03/10/staunton-recognizes-virginia-flood-awareness-week/>



Tunnel Update – Street and Wharf Lot Closures



- Wiley|Wilson under contract to perform tunnel survey/structural evaluation/explore tunnel conditions (Peyton and Lewis Creeks)
- Structural evaluation work started week of March 3, 2025

March 6 & 7, 2025

- City received information about several areas of concern and public was informed
- Portions of Byers St. and the Wharf Lot closed (West lot is open with new entrance off Byers St.), and altered traffic pattern on Johnson St.

Tunnel Update – Areas of Concern



Tunnel Update – What Do We NOT Know?



- Extent of repairs
- Cost and how to fund
 - Looking at combination of local dollars, grants, bonds, etc.
- Timeline of starting emergency repairs and how long they will take
- Longer term plans for creeks and tunnel systems and strategic flood mitigation

Tunnel Update – What Do We Know?



- Wiley|Wilson will continue to evaluate areas of concern
- And, continue their evaluation work up Central Ave. to the north, and to the east to New St.
- Downtown parking and traffic flow will stay as they are for now, until we know more
- Farmer's Market will kick-off in April in the Wharf lot as usual
- Updates will be provided as soon as we have them and as often as we can

THANK YOU!

A HUGE THANKS to quick thinking and creative staff.....

Public Works and Engineering

Economic Development

Police Department

City Attorney

City Manager's Office/Communications





Local Businesses.... We Want Your Input!

Complete the Local Business Retention Survey

- Open until March 31, 2025
- Share your insights to help shape Staunton's economic future
- Help us understand your needs and how we can enhance city services

