

Floodplains

- A portion of the project corridor is situated within FEMA designated 100-year flood hazard area associated with an unnamed tributary to Buffalo Creek.
- The proposed project would not increase the base flood elevation to a level that would violate applicable floodplain regulations and ordinances.

Waters of the U.S.

- The project would cross 11 potentially jurisdictional streams, 28 wetlands, and 3 drainage ditches.
- Impacts to waters of the U.S. associated with project construction would likely be covered under Nationwide Permit 14 and due to anticipated impacts to streams and wetlands, pre-construction notification to the USACE would be required.

Cemetery

- During the environmental study, the project was redesigned to avoid taking any right of way and archaeologists investigated within nearby existing right-of-way to ensure no previously unidentified graves were present.
- There will be a new driveway at the cemetery for improved access and construction documents will have protection notes to ensure no impacts.

Traffic Noise

- FHWA Traffic Noise Model used to calculate existing and predicted traffic noise levels.
- Based on the analysis, noise barriers were determined to be both reasonable and feasible.
- A proposed noise barrier will be located along the northbound side between Regency Trail and Heartland Parkway.

Conclusion: Studies, analyses and evaluation of the proposed project indicate no significant impacts.