

For this reason, it was recommended that long-term connectivity improvements through the City be considered. This includes the long-term goal of improving Edgewood Road from Gambier Road to US-36. Part 1 of this project, which is already partially funded, includes improvements to Edgewood Road from Gambier Road to E. High Street. Part 2 of this project, which we are seeking funding for, includes improvements to Edgewood Road from E. High Street to US-36. Ideally, the preference is to combine Part 1 and Part 2 into one project. Overall, this project includes roadway widening, the addition of curb/gutter, storm sewer, water main replacement, sanitary replacement, and a wide sidewalk along Edgewood Road.

Describe the Proposed Work and How Carbon Emissions Will be Reduced:

Carbon emissions will be reduced because currently vehicles utilize a cut-through route of residential neighborhood streets. They have to stop at many intersections, make many turns, traverse steep vertical curvature, and take an indirect route to get to their destination. The proposed project will provide a much more direct route from the south side of the city to the commercial area. This is expected to reduce travel times, start/stop at intersection, and make uphill movement more gradual. Additionally, by providing a wide sidewalk, alternative modes of transportation (walking/biking) is available instead of driving. See the Traffic Analysis Attachment showing travel path changes and reduction in miles travelled. Also, by providing a more direct route, this pulls traffic away from the existing Venedale & US-36 intersection. This results in a reduction in average overall intersection delay of 4.0 seconds during the PM peak. This analysis is also provided in the Traffic Analysis Attachment. By removing traffic volume from the Venedale intersection approach, we are also expecting a reduction in crashes at that intersection. The existing crash history at Venedale & US-36 is also provided in the Traffic Analysis Attachment.

Identify Any Potential Environmental or Right-of-Way Issues:

The proposed project will include right-of-way strip takes.

Identify Any Historical Significance Relating to the Proposed Project:

None. The proposed right-of-way strip takes should not affect any historical properties.