



# MONTGOMERY COUNTY ENGINEER

## Frequently Asked Questions Intersection Safety Study Catalpa Drive & Siebenthaler Avenue



Catalpa Drive & Siebenthaler Avenue Intersection, Harrison Township, Montgomery County, Ohio

***Why was a safety study completed at this intersection?*** The Catalpa Drive & Siebenthaler Avenue intersection ranks 3<sup>rd</sup> by crash frequency (39 crashes: 12 injury, 27 property damage) and 2<sup>nd</sup> by crash rate (2.3 Acc/M Veh) among all Montgomery County maintained intersections for the 3-year period from 2020 to 2022. A separate safety analysis completed by the Miami Valley Regional Planning Commission (MVRPC) for the 3-year period from 2017 to 2019 shows an intersection safety ranking (37 crashes: 13 injury, 24 property damage) of 47<sup>th</sup> out of 100 for all intersections located within Greene, Miami, and Montgomery Counties. The MVRPC intersection ranking list is available at [MVRPC High-Crash Locations](#). Crash data continues to show a safety issue, and it was determined that an intersection safety study should be completed to evaluate potential improvements.

***How much will a potential project cost and how will it be funded?*** The safety study includes project cost estimates for two alternatives. Alternative 1C: Traffic signal with only left turn lanes on Siebenthaler Avenue has a total estimated project cost of \$3.15 million. Alternative 2: Single Lane Roundabout - Circular Design has a total estimated project cost of \$4.31 million. All costs are based on 2022 construction prices and include all project phases (design, environmental studies, right-of-way acquisition, utility relocation, construction inspection, and construction activities). Costs are preliminary and a more refined estimate will be prepared prior to submitting a funding application. Existing state and federal grant funding opportunities will be pursued and needed due to the magnitude of the project costs.

***When would a project be constructed?*** The decision to build an intersection improvement project at Catalpa Drive & Siebenthaler Avenue has not been made. The Montgomery County Engineer's Office is in the early stages of exploring a potential project and is currently only seeking public input on the safety study and intersection alternatives evaluated. If a project moves forward, it is anticipated that it will take several years to complete. The typical time frame for a federally funded transportation project is approximately 6 years.

***How can I submit comments?*** To provide comments, you may (1) email the project coordinator, Gary Shoup, at [shoupg@mcohio.org](mailto:shoupg@mcohio.org), (2) Call the project coordinator at (937) 225-6351, or (3) mail concerns with a letter to the attention of Gary Shoup, Montgomery County Engineer's Office, 451 West Third Street, P.O. Box 972, Dayton, Ohio 45422.