



Interstate 675/Grange Hall Interchange Study

ODOT Project: GRE-IR675-8.95 Project ID 117486

What is the project?

The City of Beavercreek and the Ohio Department of Transportation (ODOT) would like your input on improvements that have been developed to improve access at the interchange of I-675 and Grange Hall Road in Greene County.

The existing interchange only has ramps to and from the east on I-675. The study evaluated options to add ramps to provide access to and from the west as well. Any alternative requires improvements to Grange Hall Road and the intersection with Colonel Glenn Highway. Any alternative will include pedestrian and bicycle facilities consistent with local plans.

Environmental studies are ongoing to determine potential impacts. It is anticipated that the project will impact three unnamed stream crossings and will require waterway permits. The project will impact several acres of suitable wooded bat habitat; however, any necessary tree removal will occur between October 1 and March 31 to protect these species during their summer roosting period. A noise analysis will be conducted in future steps to determine if noise barriers are warranted.

The City has not yet secured construction funding for the project, so the implementation schedule is not yet known. It is anticipated that this project will require temporary and permanent right-of-way from properties adjacent to the project area. During construction, traffic on Grange Hall Road will be maintained with at least one lane of traffic in each direction with access to properties allowed.

How to Provide Feedback

Questions and comments about the project can be submitted by the following methods:

- Email: engineering@beavercreekohio.gov
- Call Nick Smith: (937) 427-5513
- Mail a comment form or letter to:

City of Beavercreek
Attn: Nick Smith
1368 Research Park Drive
Beavercreek, Ohio 45432



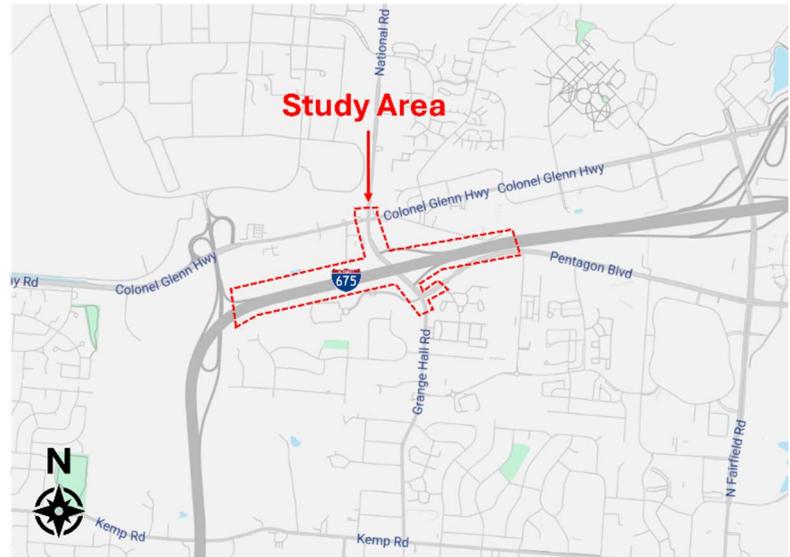
Ohio Department of
Transportation

Project Overview

Project Need and History

The project is located at the interchange of I-675 and Grange Hall Road in the City of Beavercreek within Greene County. During the original construction of I-675, a partial interchange was constructed at Grange Hall Road. Full access between I-675 and the local road network is currently provided via interchanges at I-675/Colonel Glenn Highway to the west and I-675 and North Fairfield Road to the east.

Today, the interchange provides access to the cities of Beavercreek, Fairborn, Dayton, and unincorporated portions of Greene County and southeastern Montgomery County.



The project is intended to:

- Improve mobility by reducing congestion and providing improved access
- Improve system linkage by reducing circuitous travel on the local roadway network and providing improved pedestrian and bicycle connectivity.

Alternatives

Three conceptual "build" alternatives were developed for comparison to the "no build" alternative. All "build" alternatives include improvements to the local roadway network and the addition of pedestrian/bicycle facilities. Please refer to the exhibits for more details.

Alternative 1 – Tight Diamond with Auxiliary Lane

This alternative completes the interchange with typical ramps on the west side of Grange Hall Road. It includes an auxiliary lane on I-675 between the new ramp from Grange Hall Rd to the ramp for Colonel Glenn Highway.

Alternative 2 – Folded Diamond with Auxiliary Lane

This alternative completes the interchange with a typical ramp from northbound I-675 to Grange Hall Road and a loop ramp from Grange Hall Road to southbound I-675. Like Alternative 1, it also includes an auxiliary lane to the adjacent Colonel Glenn Highway interchange. **The study recommends Alternative 2 as the preferred alternative. This recommendation will not be finalized until public input has been considered.**

Alternative 3 – Braided Ramp

This alternative completes the interchange with a typical ramp from northbound I-675 to Grange Hall Road. Alternative 3 proposes a new design for the I-675 off-ramp to Colonel Glenn Highway and new I-675 on-ramp from Grange Hall Road. A 'braided ramp' design will use a bridge to let one ramp cross over the other, keeping traffic entering and exiting I-675 separate.

Alternative 4 – No Build

This alternative makes no changes to the existing intersections, ramps, or freeways.