



I-270/Roberts Road Interchange Improvement Project

The Ohio Department of Transportation (ODOT) is seeking input on a proposed safety project at the I-270/Roberts Road interchange. ODOT is evaluating several alternatives for improving the interchange. The purpose of the proposed I-270/Roberts Road project is to improve safety and reduce congestion at the interchange.

ODOT's Highway Safety Programs (HSP) focus on freeway and non-freeway, high congested locations. Each year, the department prioritizes these locations for improvements using available funding.



Roberts Road

Hot Spot Locations are two-mile segments of the freeway or non-freeway locations with more than 250 crashes over three years. Roberts Road is currently identified as a Hot Spot Location. The bridges on Roberts Road over I-270 also need improvements including new bridge decks and more clearance in order to meet Federal Highway standards.

There are four proposed alternatives ranging from keeping the existing structure to completely rebuilding the interchange. All four options are shown and explained in this handout.

Your feedback is encouraged. Comment forms can be found on our website at www.dot.state.oh.us/districts/d06/projects.

There are several ways to contact ODOT:

Mail written comments to:

Laura Wright, P.E.

ODOT District 6

400 East William Street

Delaware, OH 43015

E-mail: laura.wright@dot.state.oh.us

Call: **740-833-8228**

All comments should be received by December 31, 2010.



OHIO DEPARTMENT OF
TRANSPORTATION

Proposed Alternative: No-build



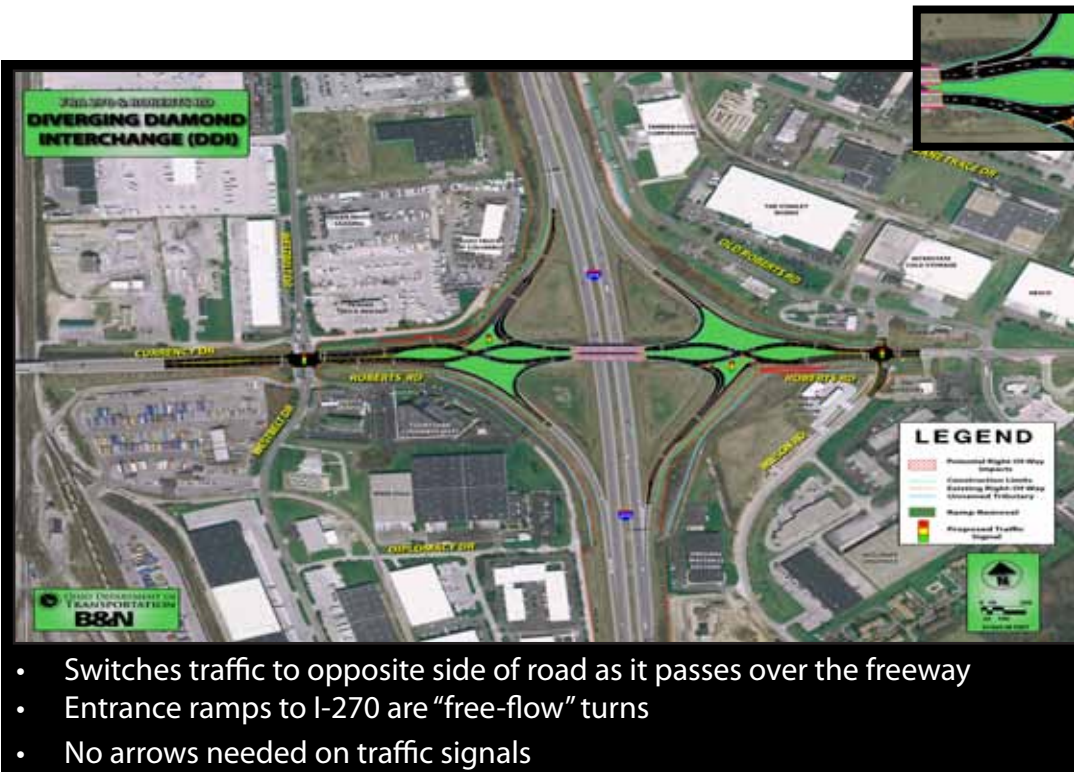
Advantages

- Reduces cost

Issues

- Does not reduce crashes
- Does not improve traffic flow/capacity

Proposed Alternative: Diverging Diamond Interchange (DDI)



- Switches traffic to opposite side of road as it passes over the freeway
- Entrance ramps to I-270 are "free-flow" turns
- No arrows needed on traffic signals

Advantages

- Eliminates congestion
- Missouri DOT has seen crash reduction with DDI
- Better for trucks

Issues

- No straight through movement on ramps

Proposed Alternative: Improved Diamond Interchange



- Widen Roberts Road
- Widen ramps to and from I-270

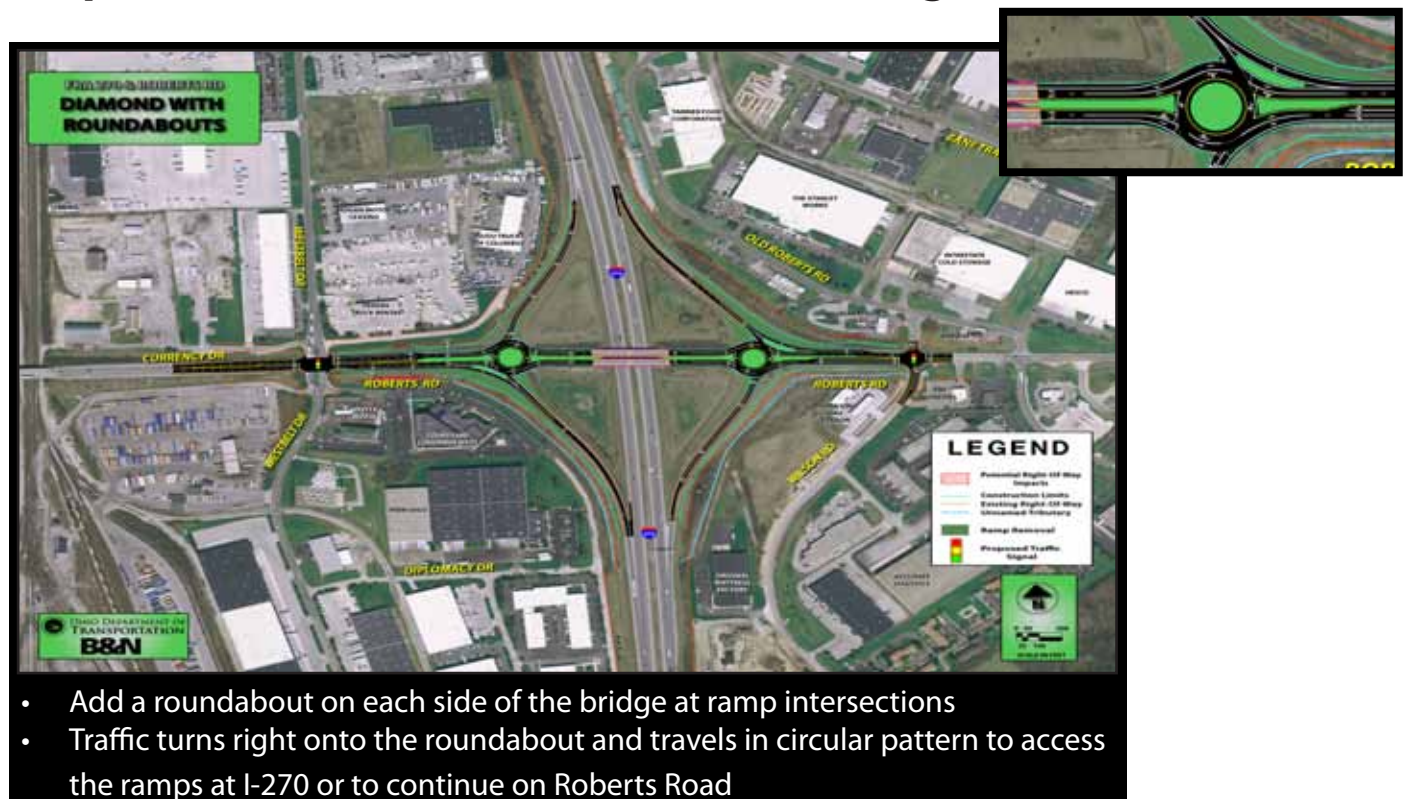
Advantages

- Reduces congestion
- Minimal impacts

Issues

- Congestion still persists

Proposed Alternative: Diamond Interchange with roundabouts



- Add a roundabout on each side of the bridge at ramp intersections
- Traffic turns right onto the roundabout and travels in circular pattern to access the ramps at I-270 or to continue on Roberts Road

Advantages

























- Reduces injury crashes
- Minimal impacts (R/W, environmental)

Issues

- Ramp backup onto interstate

Summary of Proposed Alternatives

-  1. Excellent
-  2. Very Good
-  3. Good
-  4. Fair
-  5. Poor

	Expanded Diamond	Diamonds with Roundabouts	Diverging Diamond	No-build
Address Purpose and Need Elements				
Project reduces crashes				
Project improves capacity, reduces congestion, and minimizes backups				
Project improves bridge substandard elements				
Other Goals and Objectives				
Project minimizes environmental impacts				
Project minimizes potential right-of-way impacts				
Project minimizes cost				

- Next Steps:
- Four-week comment period
 - Review comments
 - Select preferred alternative
 - Notify stakeholders and public
 - Begin detailed design
 - Approximate start of construction: 2013



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