

# U.S. Route 14 at Hartland / Hughes Road Phase I Study

## Virtual Public Outreach Event #2

A video presentation, exhibits, and additional information about this project is available for viewing on our website.



### Ways to Comment



**Call**  
(847) 705-4569



**Email**  
[US14HartlandHughes@gmail.com](mailto:US14HartlandHughes@gmail.com)



**Website**  
[US14HartlandHughes.com](http://US14HartlandHughes.com)



**By Mail**  
Illinois Dept. of Transportation  
Bureau of Programming  
Attn: Anna Kutryn  
201 Center Court  
Schaumburg, IL 60196

The outreach efforts are accessible to people with disabilities. Anyone needing special assistance, including Spanish interpretation, should contact the project manager at (847) 705-4569 for more information. Persons who will need a sign language interpreter or other similar accommodations should notify the Department's TTY/TTD (866) 273-3681. It may take at least five days to provide accommodations.

### Next Steps

Stakeholder Working  
Group Meeting  
Fall 2022



Public Meeting  
Winter 2022



Phase I Completion  
Early 2023



Illinois Department of Transportation  
Division of Highways - District 1  
201 W. Center Court  
Schaumburg, IL 60196

# U.S. Route 14 at Hartland / Hughes Road Phase I Study



The Illinois Department of Transportation (Department) is currently engaged in preliminary engineering and environmental study (Phase I) of the intersection of U.S. Route 14 at Hartland / Hughes Road. The intersection is located in Hartland Township within unincorporated McHenry County. Other nearby communities include the City of Woodstock and the Village of Harvard in McHenry County.

The purpose of the study is to evaluate alternatives to find the most appropriate solution to improve safety and operations at the intersection.

### Public Outreach Event #1

The first Public Outreach Event for this study was held virtually over a four-week period from May 17 to June 13, 2021 on the project website. During the event, over 400 unique visitors viewed the project website including representatives from Pace, CMAP and the Village of Woodstock. There were also local residents from Woodstock, Huntley, Union, McHenry, Algonquin, Crystal Lake and Harvard. A total of 8 comments were received during the Public Outreach Event. All of the comments recommended or advocated for a redesign of the intersection. The intersection recommendations included comments in favor of a roundabout, traffic lights, and a grade separation of US 14 and Hartland/Hughes.

### We need your input! Public Outreach Event #2

The Department is encouraging the public to learn more about the Phase I study of the intersection of US 14 and Hartland/Hughes Road and provide feedback on potential intersection improvements. The Department is particularly interested in comments regarding the set of Alternatives being considered shown on the following pages.

Held virtually to protect the health and safety of the public, the virtual Public Outreach Event will include a presentation and the opportunity to provide feedback. All are welcome to participate! Visit the project website [US14HartlandHughes.com](http://US14HartlandHughes.com) to view the materials and provide your comments. **Please note all comments received by August 7, 2022 will become part of the virtual event record.**

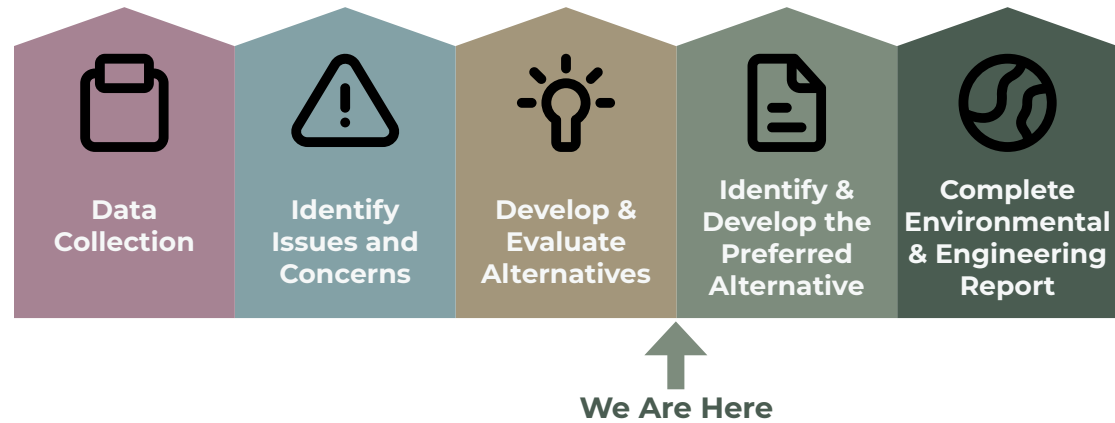


## Project Phases - Idea to Reality



\*Funded in FY 2022-2027 Proposed Highway Improvement Program.

## The Phase I Study Process



There are several key milestones in a Phase I Study. The project team has already completed existing data collection. Based upon this data and input received at the public outreach event the key issues and concerns at this intersection were identified.

Over the past few months three build alternatives were developed and an alternatives analysis, including the no-build alternative, was completed. The preferred alternative will be identified next based on the completed analysis and input received throughout Public Outreach Event #2.

## Alternatives Analysis

The first step in the alternatives analysis is to develop the project Purpose and Need and determine if the proposed improvement satisfies the project needs. The three build alternatives shown under Alternatives Considered meet the Purpose and Need. The next step is to evaluate these alternatives in greater depth using specific criteria. The chart below shows the evaluation criteria and results for each alternative considered.

Evaluation Criteria	No-Build	Modified R-cut	Right-In/Right-Out	Roundabout
<b>Right-of-Way</b>	None	4.92 acres	4.37 acres	2.4 acres
<b>Safety</b>	No Improvement	Improvement	Improvement	Improvement
<b>Vehicular Conflict Points</b>	32	8	4	8
<b>Cost + Contingency</b>	\$0	\$8.9 M	\$6.5 M	\$4.5 M
<b>Adjacent Property Access</b>	No Significant Impacts	Reduced Access	Reduced Access	No Significant Impacts
<b>Driveway Impacts</b>	0	6	6	2
<b>Tree Removal</b>	0	92	43	7

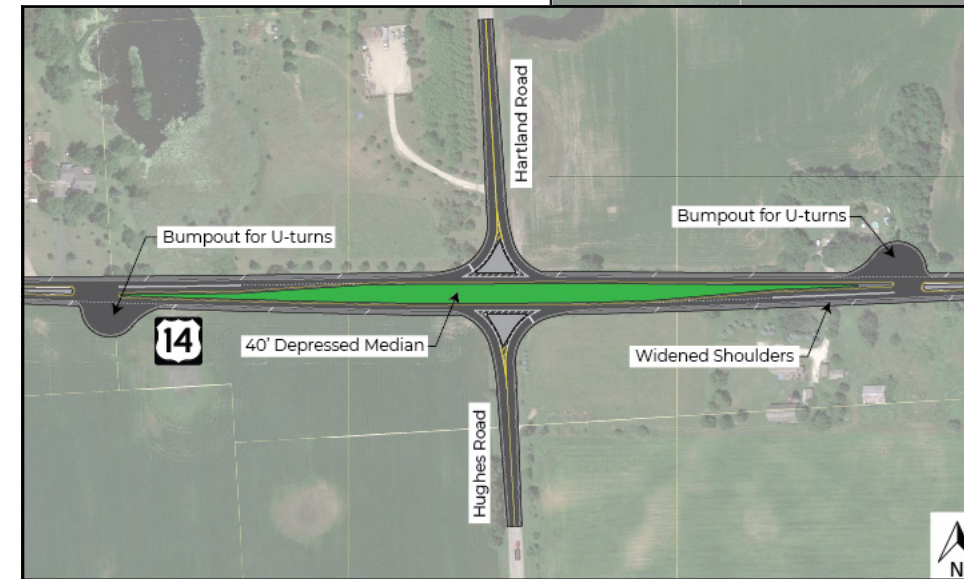
## Alternatives Considered

A traffic signal was analyzed at this intersection, but because of the low traffic volumes on Hartland/Hughes Road it is not warranted. Therefore it is not included as an alternative.

## No Build Alternative



## Modified R-Cut Alternative



## Right-In / Right-Out Alternative



## Roundabout Alternative

