



Randall Road at US 20/Weld Road (East) Intersection Improvement

Public Hearing
November 15, 2016

Welcome!

The purpose of this hearing is to receive feedback on the proposed improvement to the intersection of Randall Road at US 20/Weld Road (East). Please visit the exhibit stations, view traffic simulations, ask staff questions, and offer feedback.

Kane County Division of Transportation (KDOT) is conducting an Engineering and Environmental Study of the Randall Road at US 20/Weld Road (East) intersection in Elgin. The Study includes the intersection and approaches, which include the eastbound US 20 exit and entrance ramp and Weld Road (East).

Why are we studying this intersection?

Safety

There are three safety concerns at the intersection that increase the potential for rear-end crashes.

1. The northbound left turn lane queue backs up into through traffic.
2. The southbound Randall Road right turn to US 20 cannot access the right turn lane from long through traffic queues.
3. The left turn and side street approaches do not have sufficient signal time allocated, resulting in aggressive driving.

Traffic Delays

Randall Road serves over 50,000 cars every day. The connected signal system is programmed to prioritize north-south through traffic on Randall Road, resulting in extensive delays for motorists making turns and waiting on side streets.

What improvements are being considered?

Three alternatives are being reviewed as part of the Study:

1. No-Build Alternative with existing geometrics
2. Dual Left Turn Alternative with traditional widening for additional turn lanes
3. Free Flow Entrance Alternative with a new entrance ramp from northbound Randall Road to eastbound US 20. This Alternative would close Weld Road (East) and is supported by Illinois Department of Transportation and U.S. Federal Highway Administration.

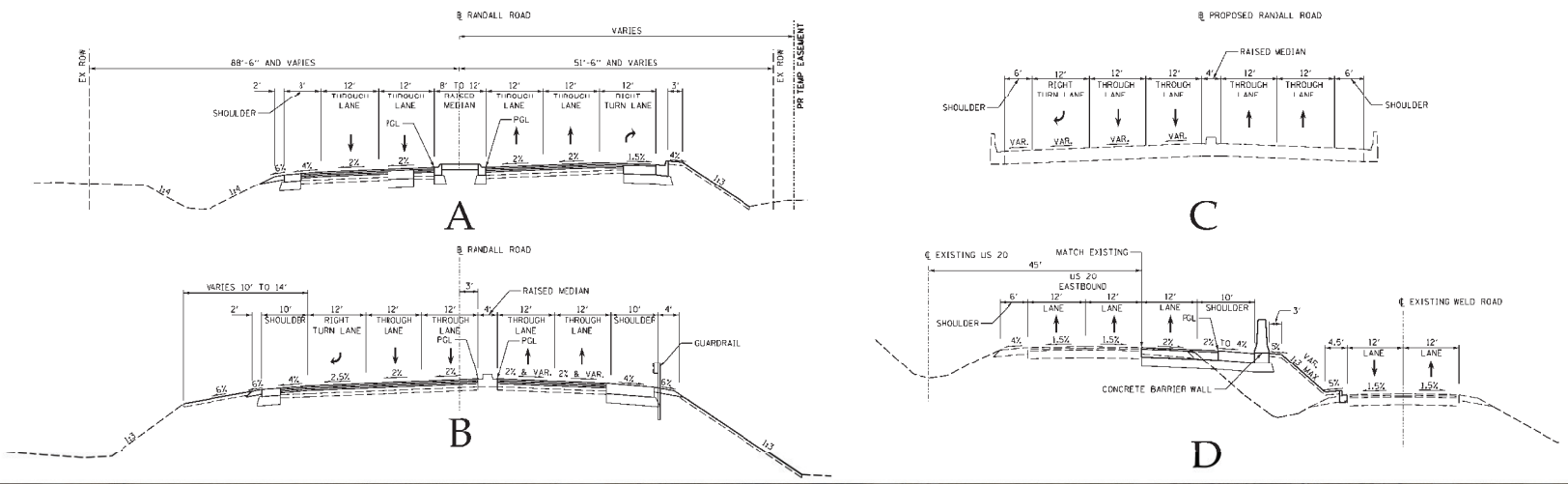
The **Free Flow Entrance Alternative** is the only alternative considered that significantly reduces congestion and improves safety and is favored as the Preferred Alternative.

What are the goals of the project?

As Kane County's population continues to grow, congestion at this intersection is expected to worsen. The goals and objectives of this project are to:

- » Improve safety through reduced congestion and vehicle conflict points
- » Reduce existing and future congestion and traffic delays

RANDALL ROAD AT WELD ROAD INTERSECTION IMPROVEMENT FREE FLOW RIGHT TO US 20 (PREFERRED ALTERNATIVE)



Legend

- Existing Right-Of-Way
- Existing Traffic Signal
- Pavement Removal
- Proposed Raised Median
- Proposed Shoulder
- Proposed Temporary Easement
- Proposed Curb and Gutter
- Wetland

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SCALE IN FEET

What would happen with the Free Flow Entrance Alternative?





- » Weld Road (East) would be closed
- » Free flow right turn entrance ramps to eastbound US 20 would be created from northbound and southbound Randall Road, eliminating left turns to access eastbound US 20
- » More than a dozen conflict points would be removed, reducing the potential for crashes and increasing safety

KDOT is completing a Project Development Report in support of a Categorical Exclusion under the National Environmental Policy Act (NEPA). This report includes reviewing existing conditions and potential impacts to the following environmental resources.

- » There are no cultural resources or historic properties, structures, and districts in the study area.
- » Impacts to wetlands are limited to a small section of roadside ditches; Mitigation is not required for these types of wetlands.
- » There are no threatened and endangered species in the study area.
- » Predicted noise level changes are not significant; modeling shows change in noise levels would occur near undeveloped land.
- » There are no special waste sites identified within construction limits.
- » Seven linear feet of temporary easement will be necessary for grading and drainage work along Randall Road near IHOP.

How do I comment?

Formal commenting period is open through **December 2, 2016**. Please provide your comments by:

-  Filling out a comment form today;
-  Offering your verbal comments to the Court Reporter today;
-  Emailing your comments to: **kdotcomments@co.kane.il.us**; or
-  Mailing your comments to:

Ms. Bonnie Flock
 Kane County
 Division of Transportation
 41W011 Burlington Road
 St. Charles, IL 60048

Process, Funding, and Next Steps

