

SIGN-IN TABLE

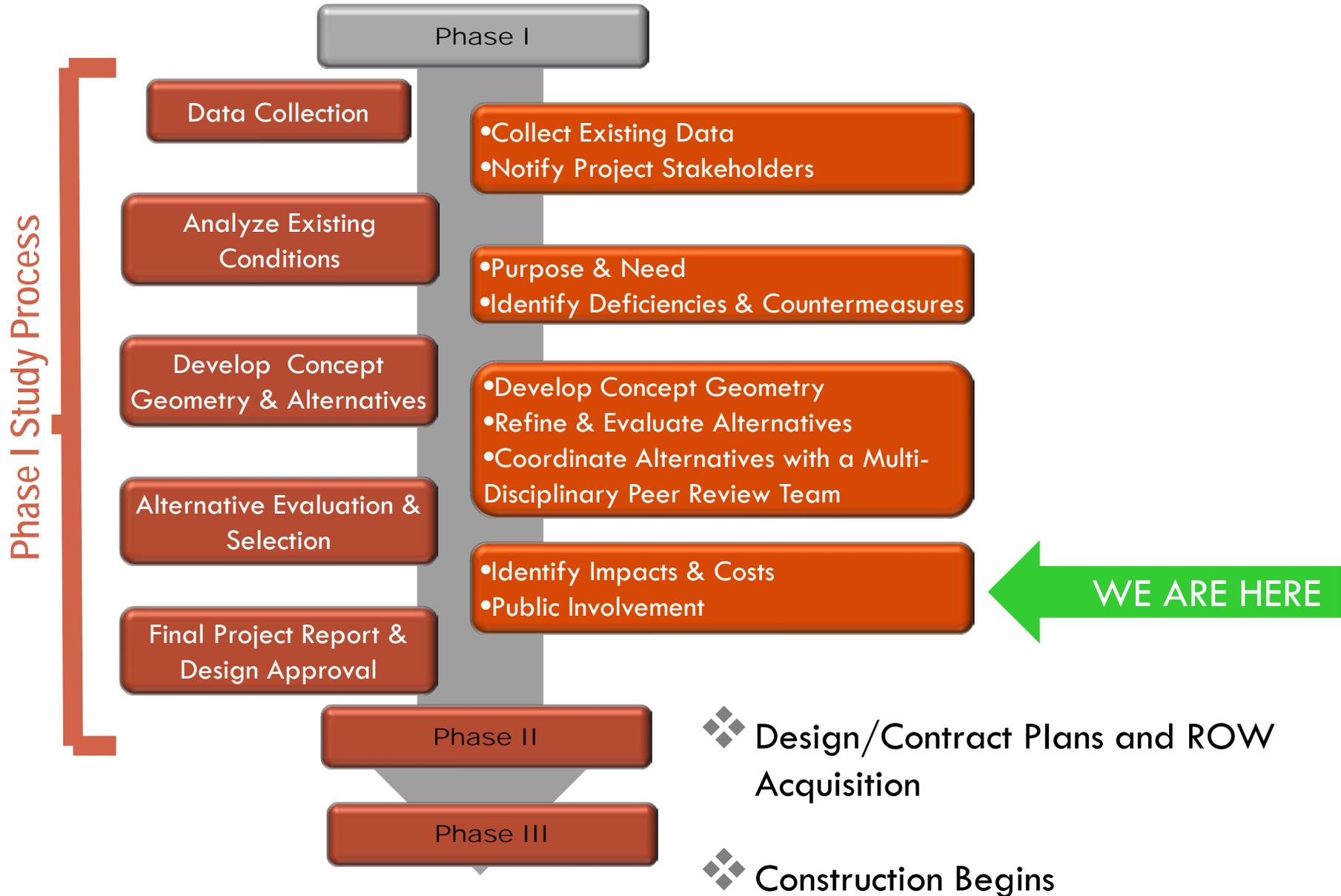


WELCOME

ILLINOIS ROUTE 58 GOLF ROAD
AT WOLF ROAD (CUMBERLAND CIRCLE)
ROUNDBOUT PROJECT

Illinois Route 58 Golf Road at Wolf Road

Phase I Study Process Overview



Illinois Route 58 Golf Road at Wolf Road

Project Location and Existing Conditions

IL 58 (East and Southwest)

- ❑ Principal Arterial
- ❑ 35 MPH
- ❑ 28,300 vpd AADT
- ❑ 2-10' to 12' wide lane each direction

Broadway Street (South)

- ❑ Local Road/Street
- ❑ 30 MPH
- ❑ 2,300 vpd AADT (Factored)
- ❑ 1-12' wide lane each direction

State Street (West)

- ❑ Local Road/Street
- ❑ 40 MPH
- ❑ 5,300 vpd AADT
- ❑ 1-12' wide lane each direction

Wolf Road (North)

- ❑ Minor Arterial
- ❑ 40 MPH
- ❑ 17,100 vpd AADT
- ❑ 1-20' wide lane each direction



Illinois Route 58 Golf Road at Wolf Road

Purpose and Need

□ Address Operational Issues

- Unclear lane assignments due to poor striping/signage
- Excessive pavement with little geometric guidance
- Poor entry angles
- Drainage concerns



Illinois Route 58 Golf Road at Wolf Road

Purpose and Need

- 421 Reported Crashes between 2005-2011



44 (10.5%) Crashes with injuries

0 Fatalities

60 Minor Injuries (1 Pedestrian)

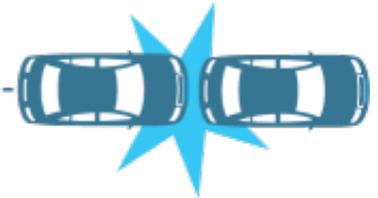
65 (15.4%) Crashes on wet pavement

307 (73%) Crashes during daylight hours

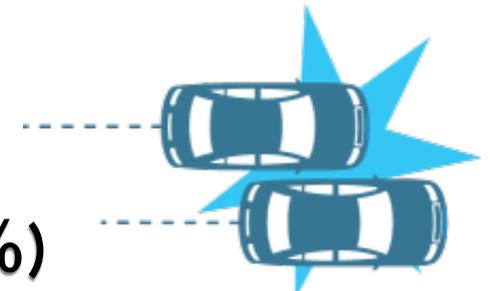
**126 (30%)
Turning Crashes**



**111 (26%)
Rear End**



**91 (22%)
Sideswipe Same Direction**



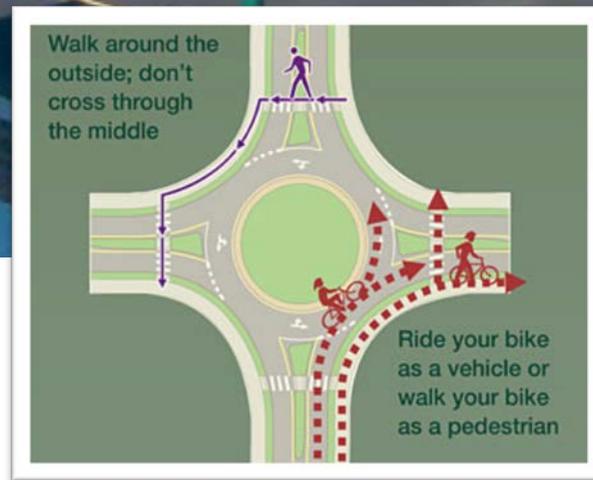
Illinois Route 58 Golf Road at Wolf Road

Proposed Scope of Work

- Improve the safety and mobility with
 - ▣ Clearly defined lane assignments
 - ▣ Appropriate number of circulating lanes
 - ▣ Improved signage
 - ▣ Proper entry angles on each leg
 - ▣ Defined pedestrian and bicyclist crossings
 - ▣ Improve the drainage within the project limits



Illinois Route 58 Golf Road at Wolf Road Bicycle and Pedestrian Accommodations



Wisconsin Rapids, Wisconsin

Illinois Route 58 Golf Road at Wolf Road

Alternatives Considered

- **Do nothing**
 - ✓ Safety issues not addressed
 - ✓ Back Ups

- **Closures of Broadway Street or State Street**
 - ✓ Not effective
 - ✓ Proposed signal at Broadway Street and U.S. Route 14 Northwest Highway
 - ✓ Closures not supported

- **Traffic signal with reconstruction**
 - ✓ Safety and intersection delays not addressed
 - ✓ Increased travel delays
 - ✓ Increased construction cost
 - ✓ Additional land impacts

Illinois Route 58 Golf Road at Wolf Road

The Modern Roundabout

□ Characteristics

- ▣ Circular in shape
- ▣ Geometric features to slow traffic
- ▣ Yield controlled

□ Consistent Features

- ▣ Counter-clockwise movement
- ▣ No parking in circle
- ▣ No center activity

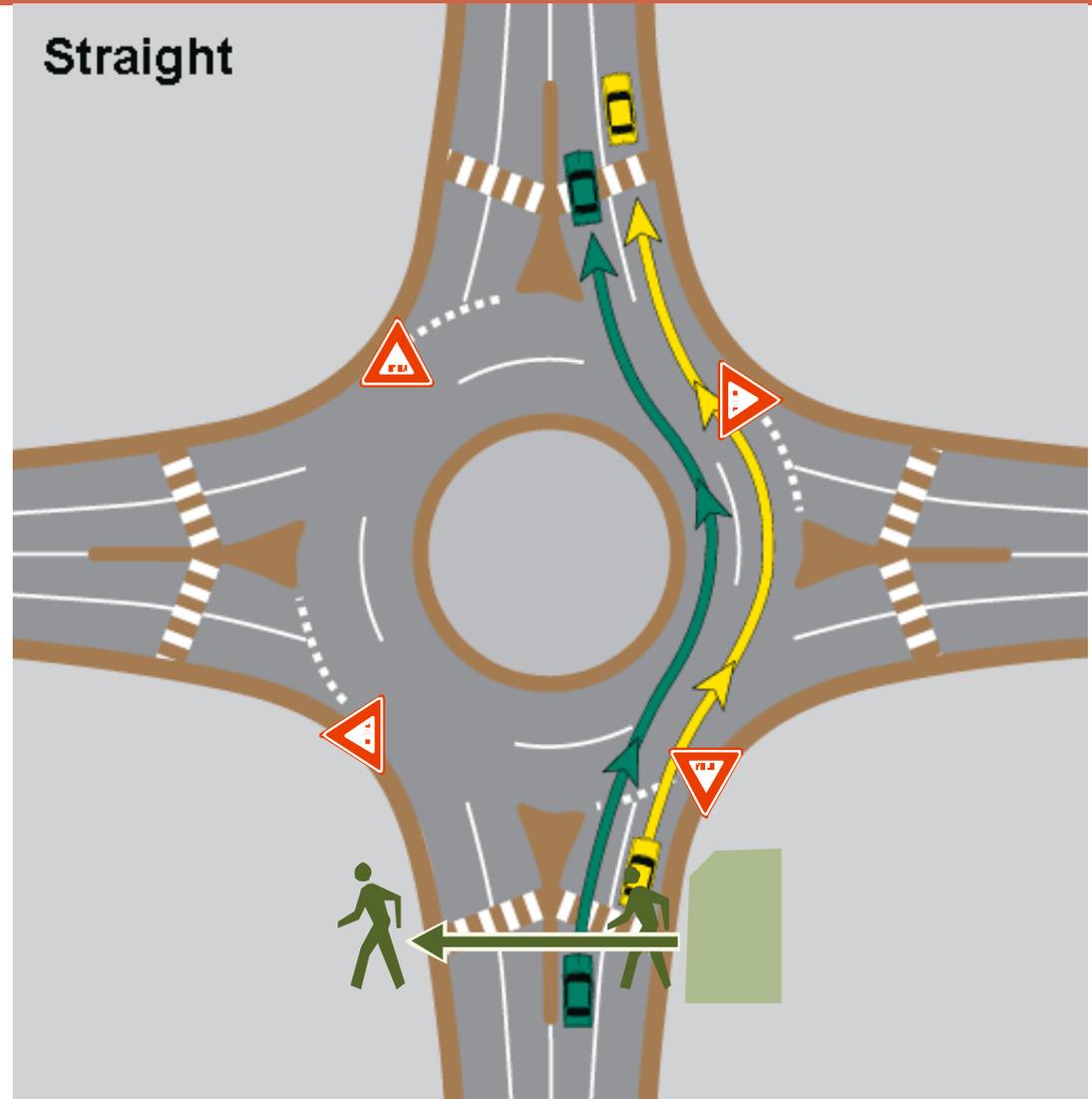
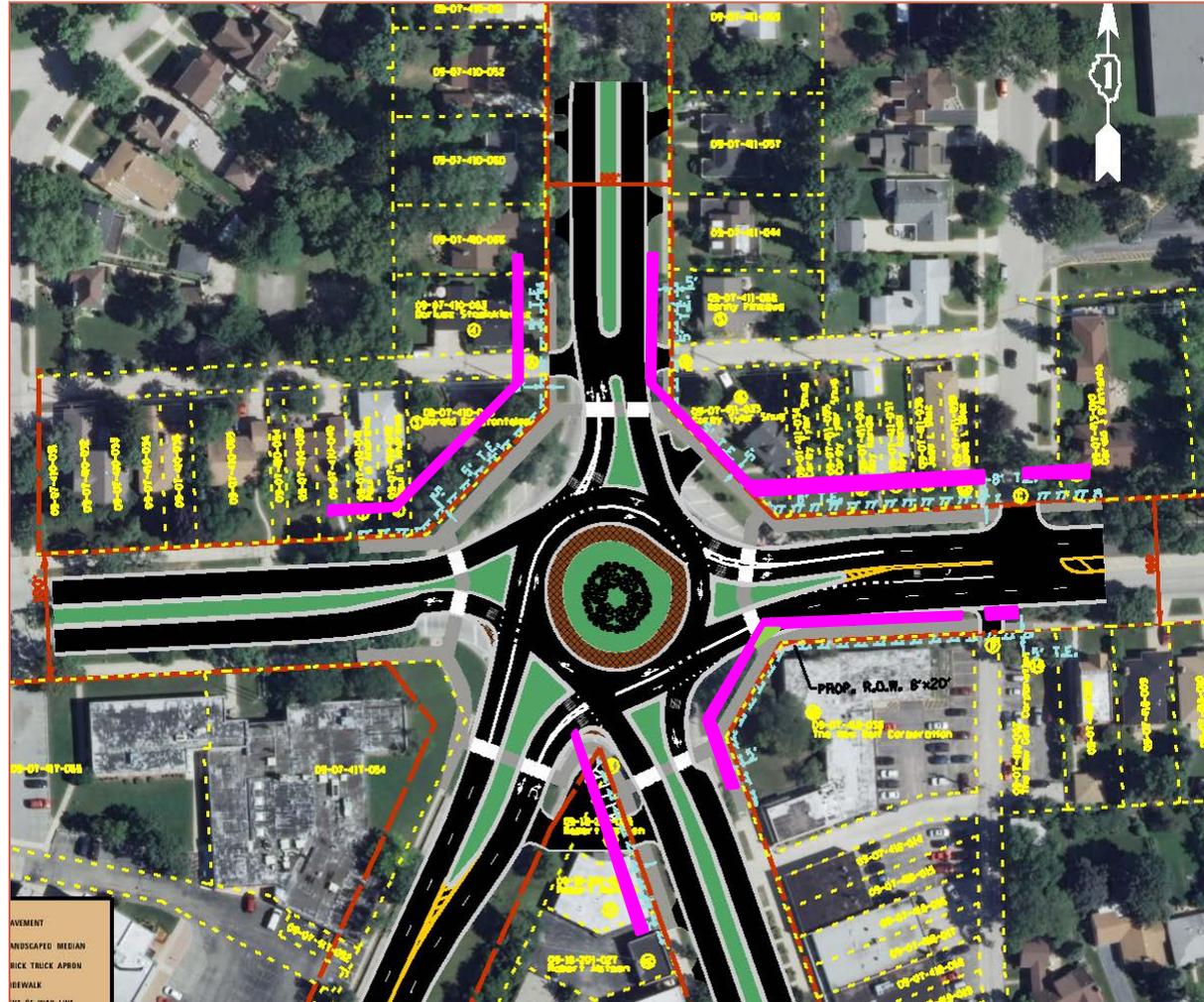


Image source: Washington State DOT—<http://www.wsdot.wa.gov/safety/roundabouts>

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Land Acquisition

- ❑ Staging and construction
- ❑ Driveways, sidewalks, and drainage
- ❑ .141 acres temporary easements
- ❑ .003 acres fee simple



Illinois Route 58 Golf Road at Wolf Road

NEXT STEP

WE ARE HERE

- Transportation purpose and needs are identified
- ROW Needs identified
- Public Hearing
- Project Approval

- Design and Contract Plan Preparation
- Land Acquisition
- 18-24 months

- Construction begins
- 1-2 seasons



This improvement is included in IDOT's FY 2014-2019 Proposed Multi-Modal Transportation Improvement Program

Construction Cost of \$3.3 Million

Illinois Route 58 Golf Road at Wolf Road

After This Presentation

THANK YOU

- Review Exhibits and Displays
- Discuss the Project with IDOT Staff
- Comment Sheet
 - ▣ Fill out comment sheet during this hearing and place in the comment box
 - ▣ Have your comments recorded by a court reporter
 - ▣ Mail Comment Sheet
 - ▣ Email Comments to IDOT at DOT.IL58atWolfRAB@illinois.gov
 - ▣ Comments received by January 10, 2014 to be part of the public hearing record

Illinois Department of Transportation
Bureau of Programming, 4th Floor
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SIMULATION STATIONS



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