



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





Illinois Route 58 Golf Road at Wolf Road

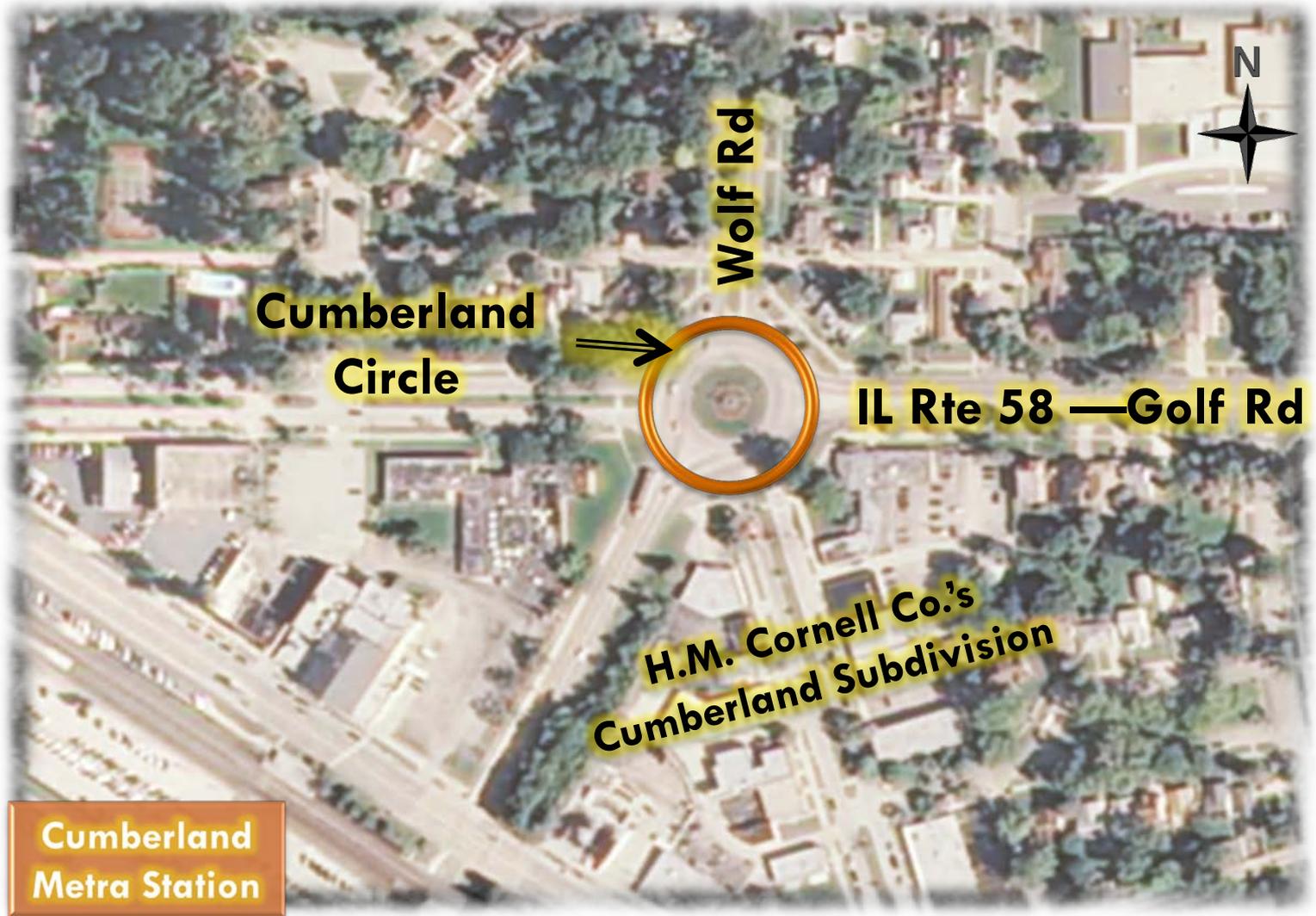
Public Hearing Purpose

- Project location and existing conditions
- Purpose and need
- Proposed scope of work
- Give the public an opportunity to review and comment
- Discuss the next steps in the project development process.





Illinois Route 58 Golf Road at Wolf Road Project Background





Illinois Route 58 Golf Road at Wolf Road Project Location and Existing Conditions



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

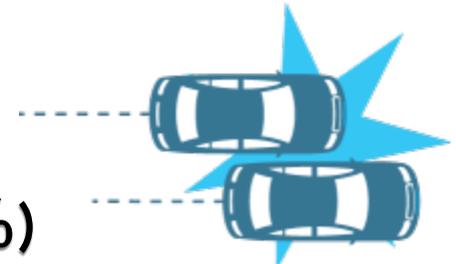
**126 (30%)
Turning Crashes**



**111 (26%)
Rear End**



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



Illinois Route 58 Golf Road at Wolf Road

Purpose and Need

□ Address Operational Issues

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





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Alternatives Considered



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

- **Closures of Broadway Street or State Street**
 - ✓ Business Impacts
 - ✓ Proposed signal at Broadway Street and U.S. Route 14 Northwest Highway
 - ✓ Closures not supported in past proposals

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



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The Modern Roundabout

□ Characteristics

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

□ Consistent Features

- Counter-clockwise movement
- Yield to drivers circulating
- Pedestrian Accommodations

Straight

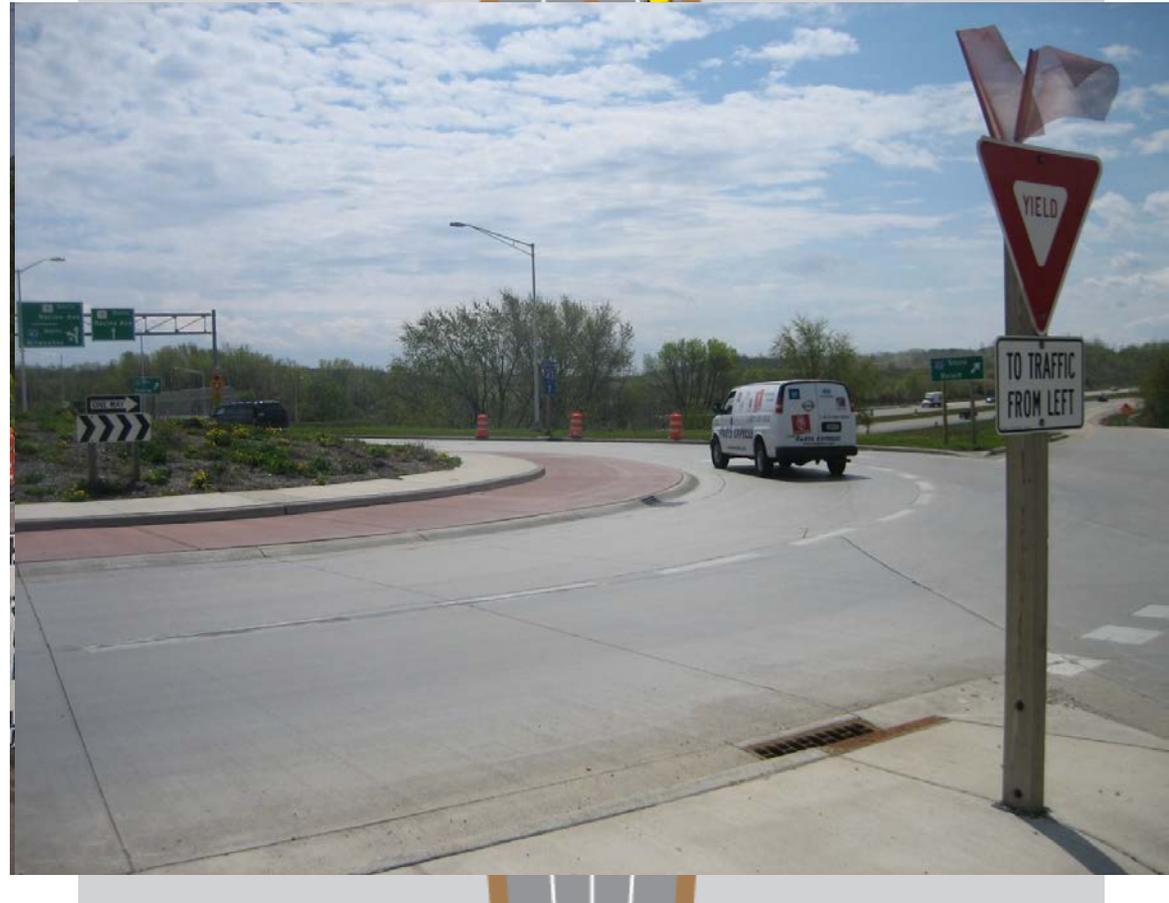
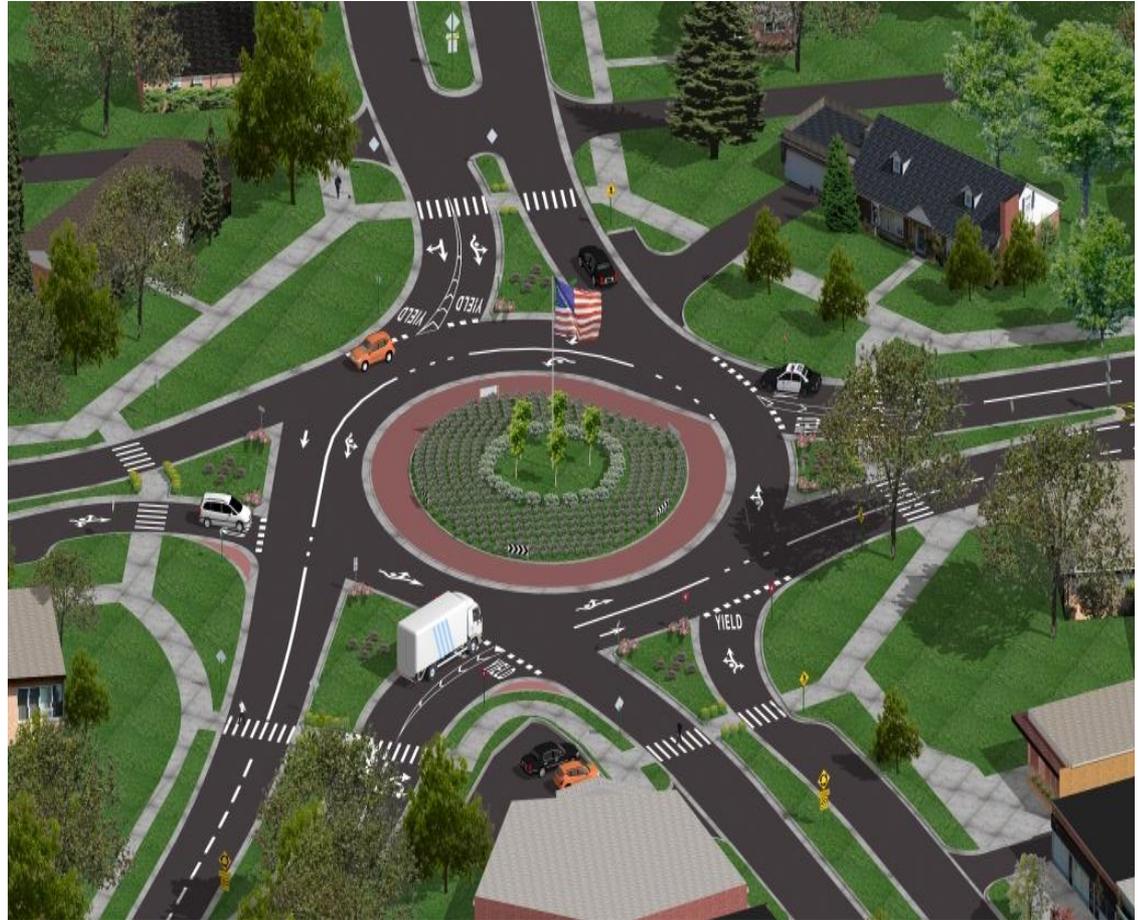


Image source: Washington State DOT—<http://www.wsdot.wa.gov/safety/roundabouts>

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Proposed Scope of Work

- Improve the safety and mobility
 - ▣ 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

Proposed Scope of Work

- Unclear Lane Assignments
- Excessive Pavement
- Poor Entry Angles



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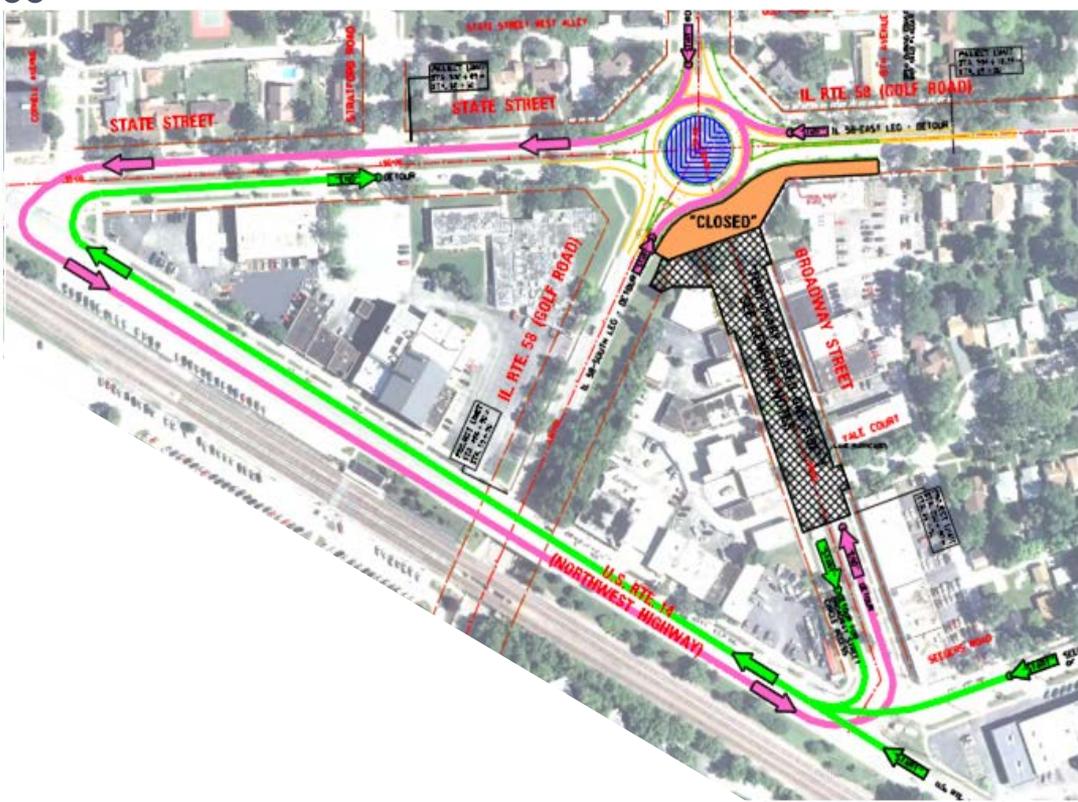
Proposed Scope of Work



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Construction Traffic

- ❑ **Constructed in Stages**
- ❑ **Total Construction is expected to last 1-2 Construction Seasons**
- ❑ **Detours for State Street or Broadway Streets**
 - ❑ **Allows for local driveway access**
 - ❑ **Allows for business access**
 - ❑ **Durations of 2-4 weeks**
- ❑ **Detailed exhibits available in the exhibit room**





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Land Acquisition



Fee Simple

-  Acquisition of all rights and interest

Permanent Easement

-  Ownership is retained by property owner
-  The Department allows use of property to maintain facilities

Temporary Easement

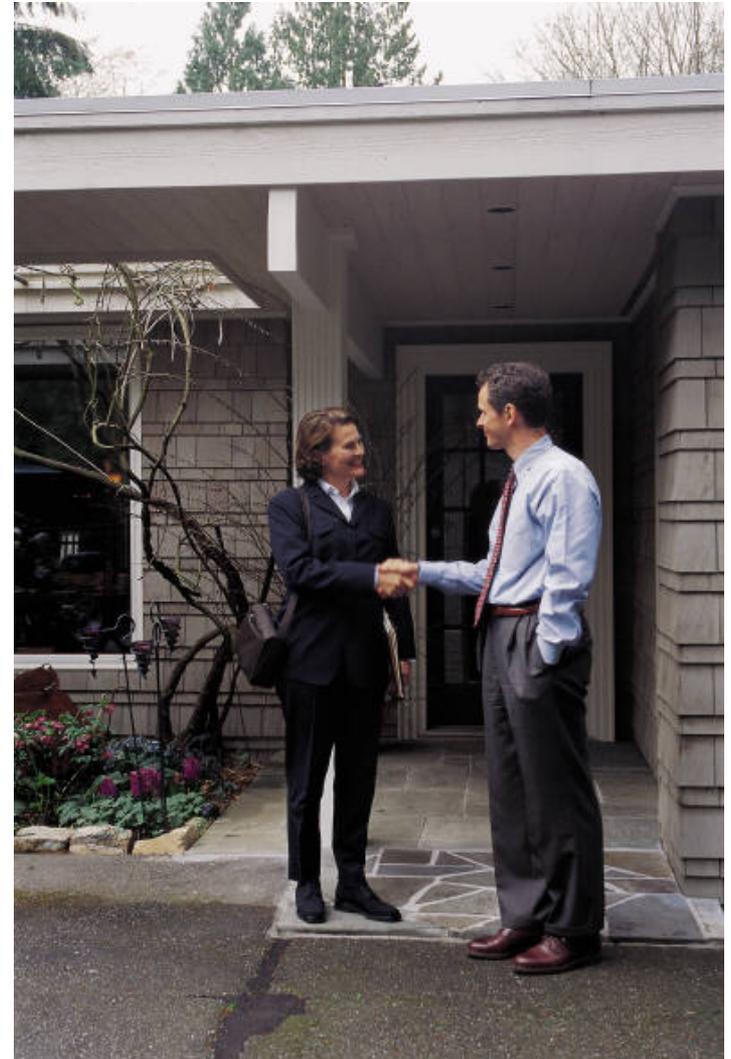
-  Used to construct minor improvements
-  Ownership is retained by property owner



Illinois Route 58 Golf Road at Wolf Road

Land Acquisition

- Determine Ownership
 - ▣ Prepare property description
- Independent Appraisal
- Negotiations



Illinois Route 58 Golf Road at Wolf Road

Land Acquisition Process

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





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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



