

Welcome!

Public Meeting

Barrington Road

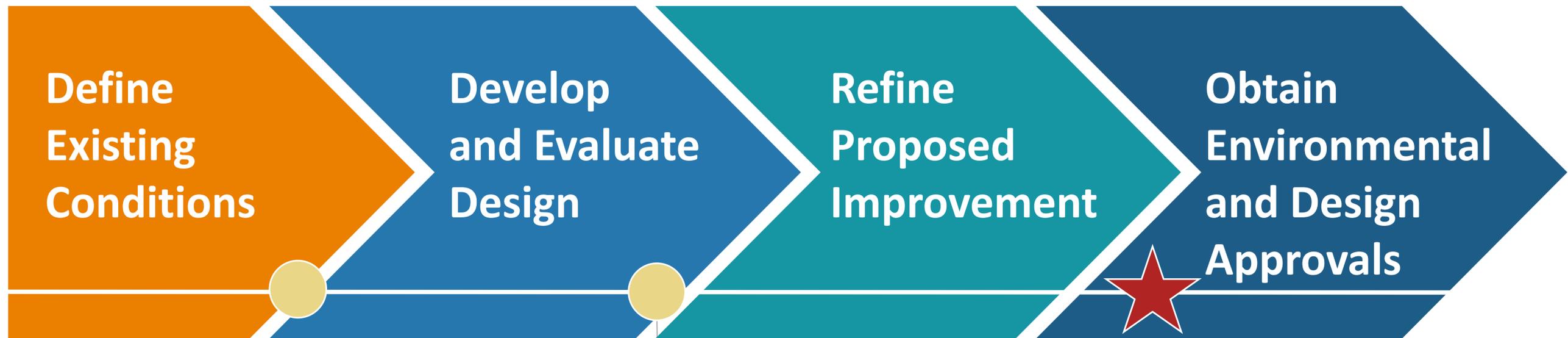
Central Road to Illinois Route 62 (Algonquin Road)

Purpose of Tonight's Meeting

- Present the Proposed Improvement
- Answer Questions
- Provide Opportunity to Comment
- Discuss Next Steps



Phase I Study Process



CAG Meeting #1 (February 2016)

- Present project process and study area
- Discuss transportation issues and concerns
- Develop project problem statement

CAG Meeting #2 (December 2016)

- Present alternatives to be evaluated
- Educate members on evaluation findings
- Discuss the proposed improvements

Public Meeting (August 2018)

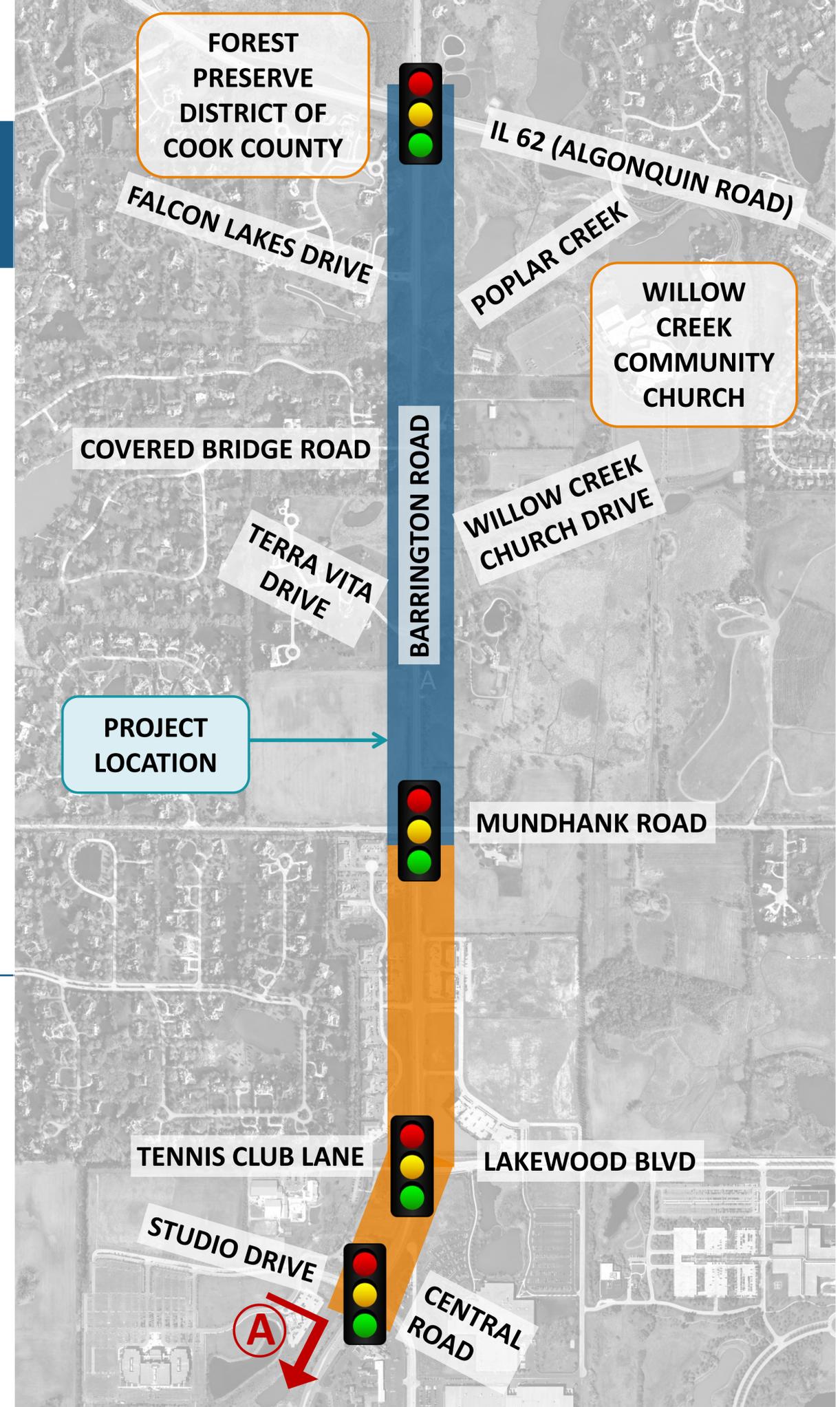
- Present the proposed improvement
- Obtain public input

Project Location

- ✓ Barrington Road from Central Road to IL 62
- ✓ 1.7 mile study corridor through Villages of South Barrington and Hoffman Estates
- ✓ Strategic Regional Arterial (SRA) Route intended to support the regional expressway system and move traffic through the corridor
- ✓ Barrington Road between Mundhank Road and IL 62 is only section of this SRA Route that is one lane in each direction
- ✓ Residential, commercial, institutional and open space land uses along corridor

LEGEND

-  Roadway and Shared-Use Path Improvements (1.0 mile)
-  Shared-Use Path Improvements Only (0.7 mile)
-  Existing Signalized Intersection
-  Recent Improvements from the I-90 / Barrington Road Interchange Project

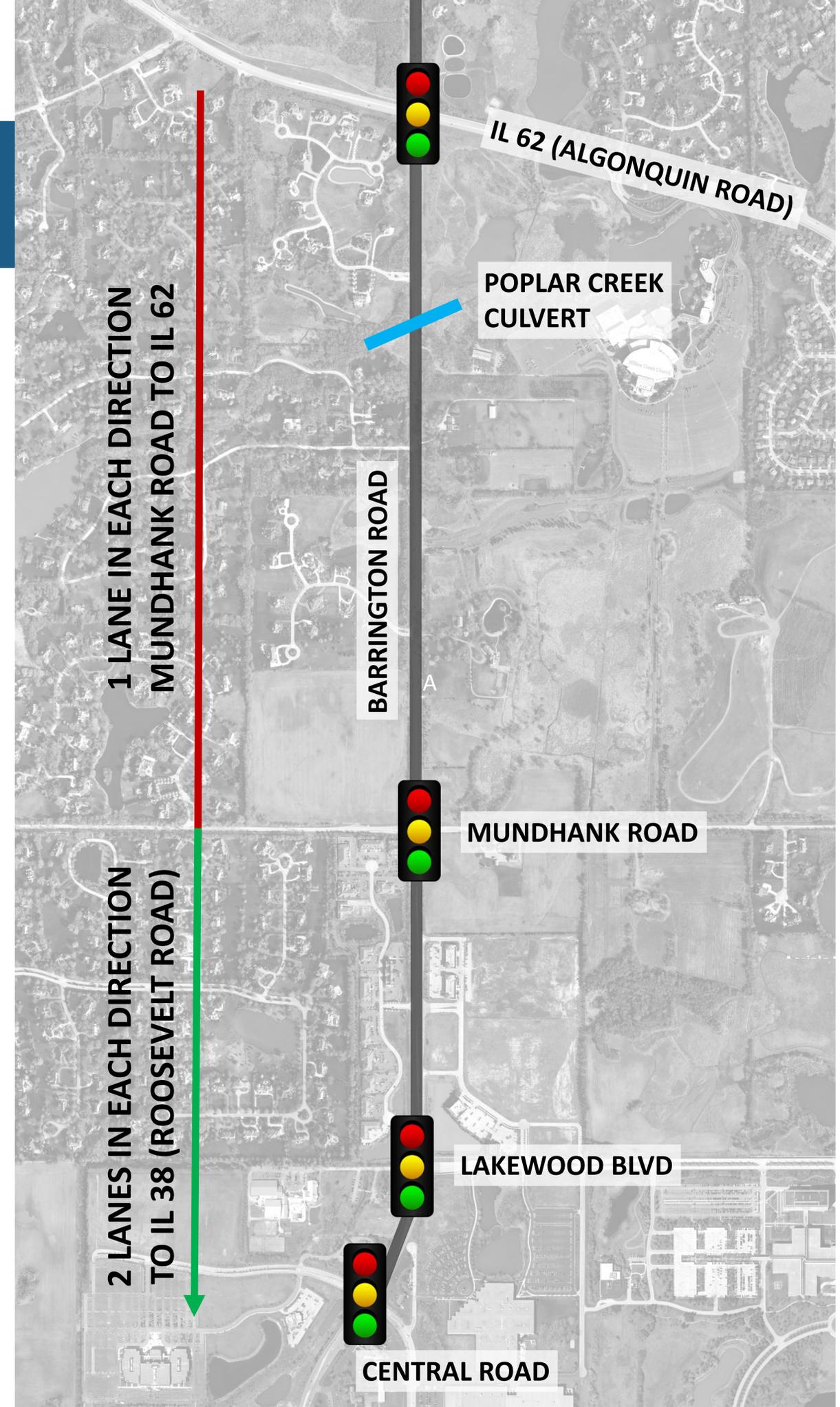


Project Needs

- ✓ Inconsistent lane configuration along Barrington Road between Mundhank Road and IL 62 leads to congestion
- ✓ Flat roadway profile with inadequate sight distance south of IL 62 and occasional flooding of roadway pavement near Poplar Creek
- ✓ Pavement failure and undersized culvert at Poplar Creek
- ✓ Poor movement of vehicles through bottleneck along Barrington Road between Mundhank Road and IL 62
- ✓ Congestion at IL 62 intersection
- ✓ No pedestrian or bicycle facilities north of Central Road
- ✓ 20% increase in Average Daily Traffic volumes projected for design year 2040
- ✓ Frequent rear-end crashes indicates congestion throughout corridor

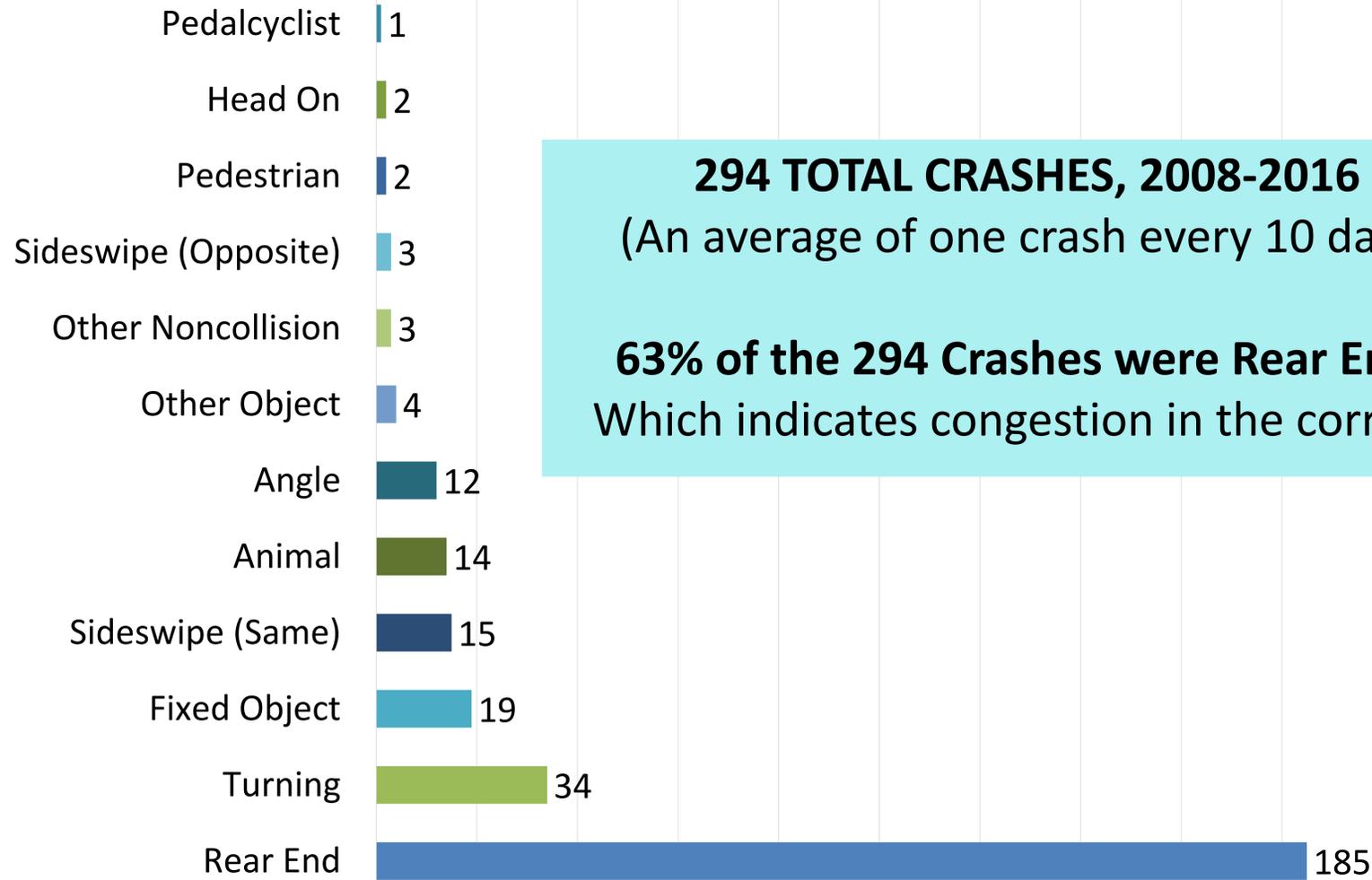


*Photo at Poplar Creek,
Pavement Failure*



Crash and Traffic Data

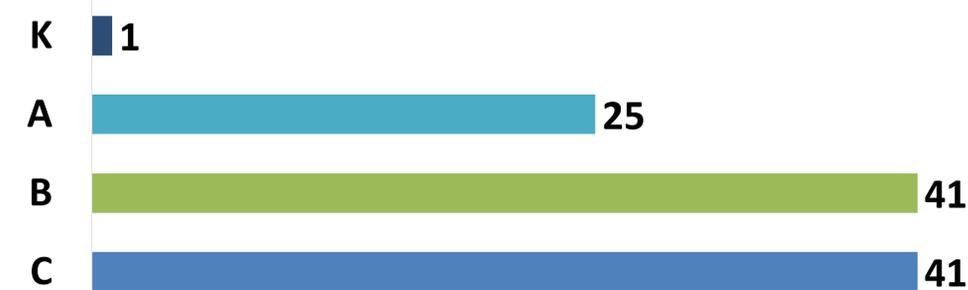
Mundhank Rd to IL 62, Years 2008-2016



294 TOTAL CRASHES, 2008-2016
 (An average of one crash every 10 days)

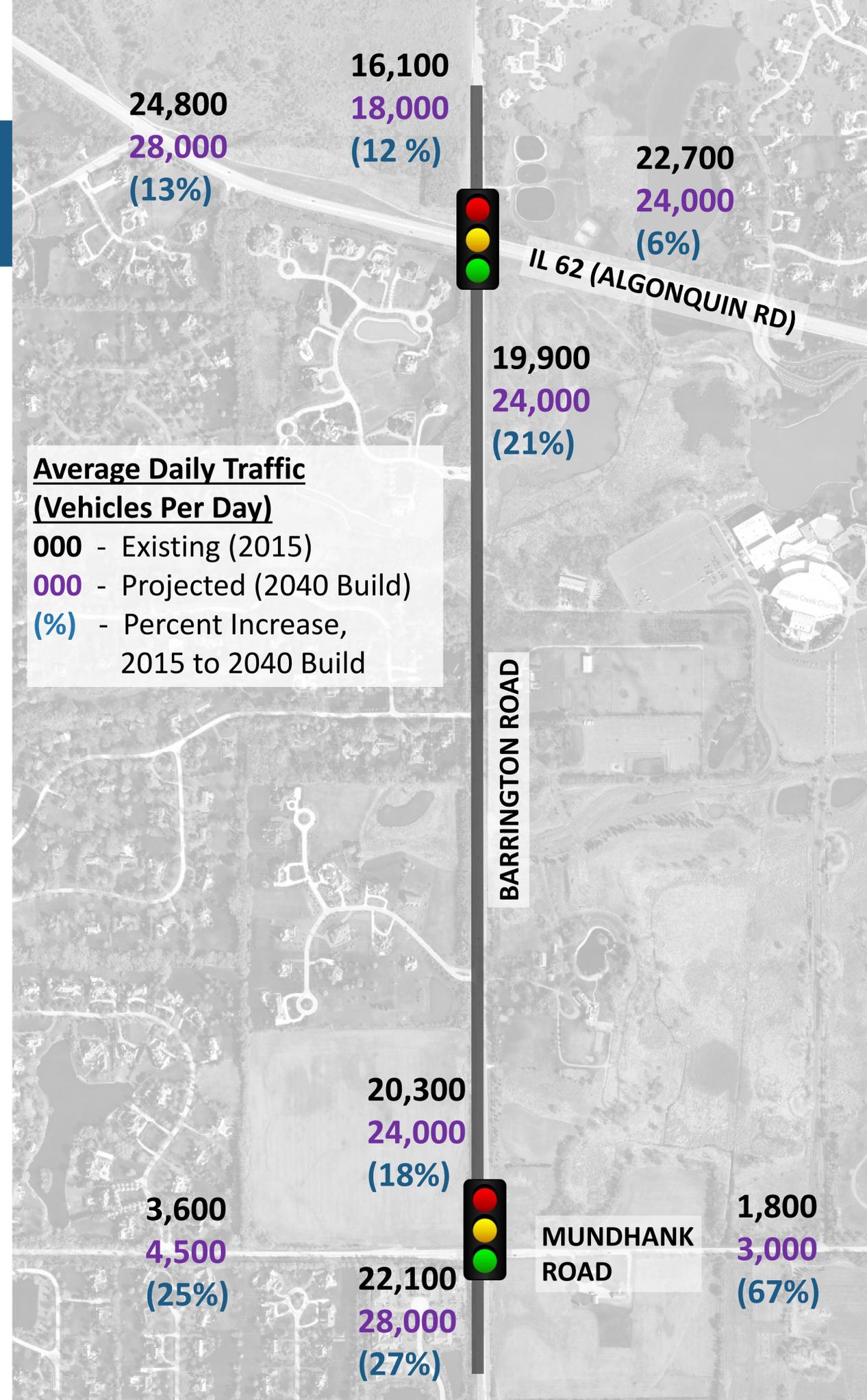
63% of the 294 Crashes were Rear Ends
 Which indicates congestion in the corridor

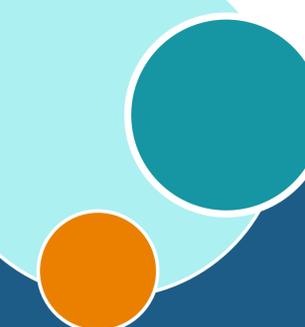
Mundhank Rd to IL 62 – 108 Injuries



Severity of Injury

- K: Fatal
- A: Incapacitating
- B: Injury Evident
- C: Injury Possible





Proposed Improvement Evaluation

Anticipated Impacts

- 1.2 acres of wetlands
- 0.2 acres of streams (Waters of US)
- 1 stream crossing (Poplar Creek)
- 171 trees to be removed between 6" and less than 15" in size
- 39 trees to be removed above 15" in size
- 3.57 acres (27 parcels) of right-of-way impacts

Minimization of Impacts

- Roadway centerline shifted 8 feet east to balance right-of-way needs
- Lane width reduced to 11-ft (12-ft standard) to balance right-of-way needs and reduce impacts
- Median width reduced to 16-ft (22-ft standard) to balance right-of-way needs and reduce impacts
- Closed drainage system (curb and gutter) used to capture and convey stormwater

Mitigation Measures

- Wetland mitigation at a 1.5 to 1 ratio through use of wetland bank credits
- Best Management Practices (BMPs) / drainage elements (ditches with permanent ditch checks) will improve stormwater water quality
- Tree replacement on a one-to-one ratio where feasible
- Compensatory storage for fill in floodway and oversized storm sewers for stormwater detention to mitigate release rates

Land Acquisition

THREE TYPES OF LAND ACQUISITION

Fee Simple Acquisition – 3.41 acres

- Acquisition of all rights and interest
- 1 potential residential displacement for this project

Permanent Easements – None

- Ownership retained by property owner
- Allows permanent access to construct and maintain facilities

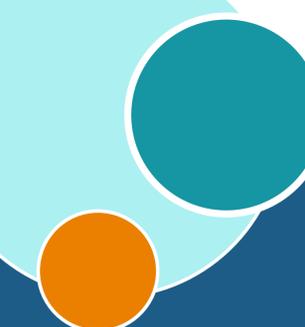
Temporary Easements – 0.16 acres

- Ownership retained by property owner
- Allows temporary access during construction, generally for grading or driveway replacement



LAND ACQUISITION PROCESS





How Can I Stay Involved?

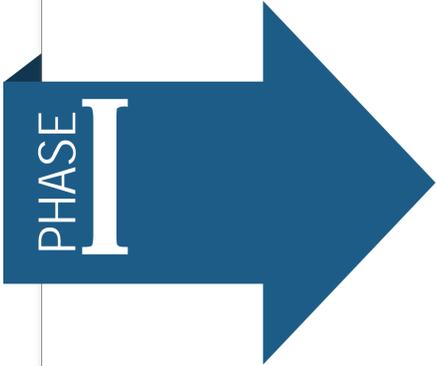
Ways to Comment

- **Comment Form** – Forms may be dropped in the comment box this evening or returned via mail
- **Email Us** – You may also submit comments to the project website
- Comments received through September 28, 2018 will become part of the public meeting record
- Please visit the project website for additional information:



www.idot.Illinois.gov/projects/Barrington-rd-at-il-62

Next Steps



PHASE I

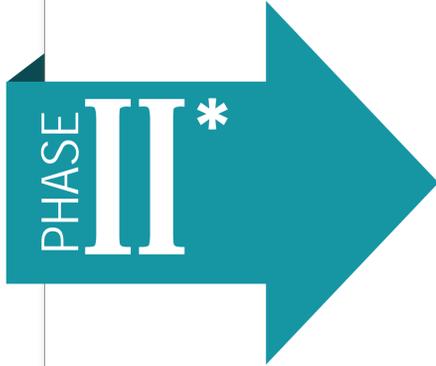


We Are Here

Preliminary Engineering & Environmental Study



PHASE I
Completion
Anticipated in 2018

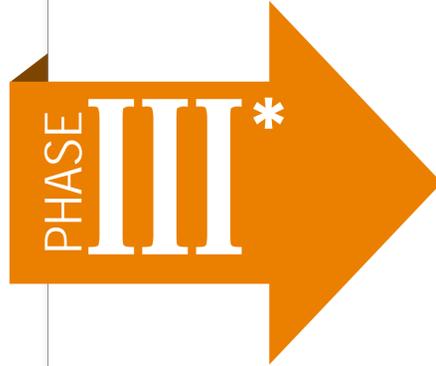


PHASE II*

Contract Plan Preparation and Land Acquisition



PHASE II
Typically
24-36 months



PHASE III*

Construction



PHASE III
Anticipated to be
One construction season

**This improvement is included in IDOT's FY 2019-2024 Proposed Highway Improvement Program. Current engineering efforts are targeted to enable a contract letting in the early years of the current multi-year program contingent upon plan readiness, land acquisition, and funding availability through future annual legislative appropriations.*