





# WELCOME

Thank you for visiting the Will County Division of Transportation's Open House for the Mills-Cherry Hill Road Study.





We appreciate you taking time to learn more about this project and provide input.

**Los traductores de español están en el sitio y listos para ayudar!**

## We hope you will:

-  Sign-in
-  Take a look at the exhibits
-  Ask questions!
-  Provide feedback

## What you will learn about:

-  About the Study
-  Study Area
-  Existing Conditions
-  Alternatives Evaluated



# About the Study



Mills-Cherry Hill Study

The Will County Division of Transportation launched the Mills-Cherry Hill Road Study with a goal of improving **safety and mobility** in the study area.

## MILLS-CHERRY HILL ROAD STUDY SCHEDULE



*\*Pending project readiness and funding availability.*



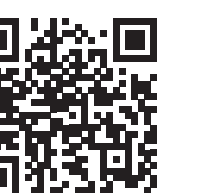
You are an essential part of this process and helping WCDOT understand the issues and needs in this area.



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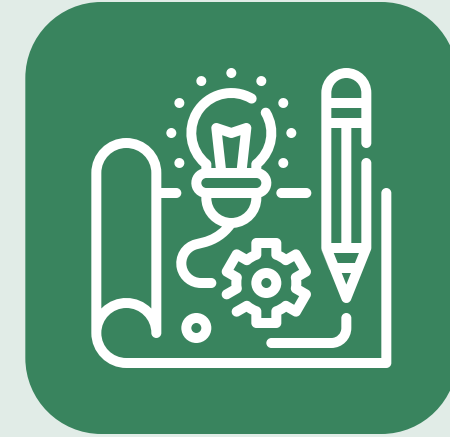
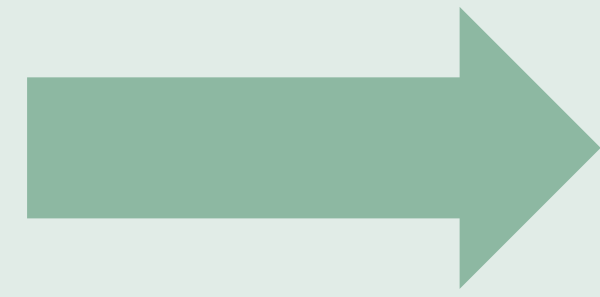




# What is a Phase I Study?



It includes:



**Preliminary Engineering**



**Environmental Studies**

## Why is this Phase I Study is needed?



The Phase I Study will result in an established purpose and need for project work.



It allows WCDOT to understand problems and develop solutions that are the best fit for the community.



It provides knowledge about social, economic and environmental impacts of roadway improvements.



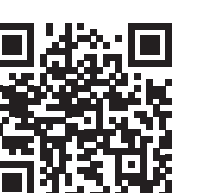
The Phase I Study will gather input from residents and stakeholders early in the planning process.



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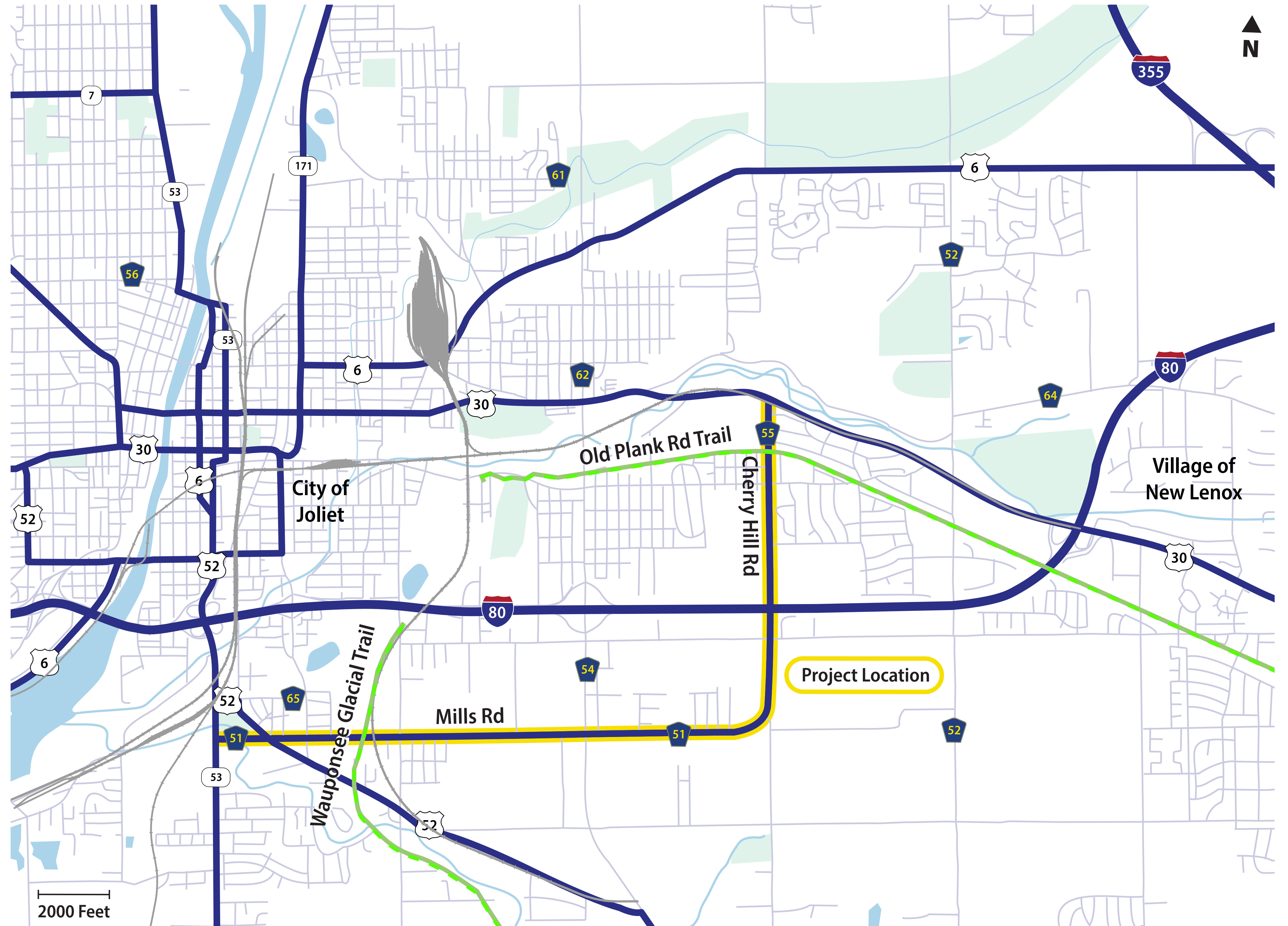


# Project Location

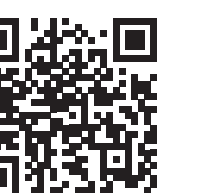


Mills-Cherry Hill Study

This Phase I Study will assess all of Mills Road and Cherry Hill Road, which includes portions of unincorporated Will County, the Village of New Lenox, and the City of Joliet.



These roads are uniquely located among suburban, rural and industrial properties.







# Public Meeting 1 Summary



Held on **October 18, 2023**

## What Was Identified as a Priority?

- Safety While Driving
- Safety While Walking or Biking
- Mitigating Noise/Traffic
- Environmental Impacts and Improvements

## What We Heard

- Need for Pedestrian and Bicyclist Accommodations
- Concerns over Environmental Impacts
- Concerns over Construction Impacts
- Need for Truck Traffic Control
- Improve Intersection Safety
  - Mills Road at Cherry Hill Road
  - Cherry Hill Road and Washington Street
  - Cherry Hill Road and US 30
- Flooding Concerns
- Improved Lighting
- Cost Concerns



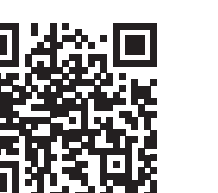
Public Meeting 1 Materials  
can be found at:  
**MillsCherryHillStudy.com**



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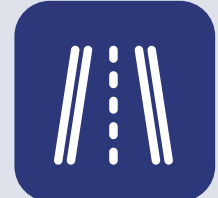


# Purpose and Need







Mills-Cherry Hill Study

The goal of the Mills-Cherry Hill Road Study is to identify solutions that will improve safety and mobility along the corridor.

## Project Purpose:

-  Improve corridor
-  Reconstruct pavement safety
-  Improve drainage
-  Enhance mobility for non-motorized modes

## Project Needs:

-  Safety concerns for all roadway users
-  Substandard pavement conditions
-  Pavement flooding & roadside ditch ponding
-  Gaps in the pedestrian and bicycle network



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# Traffic Volume

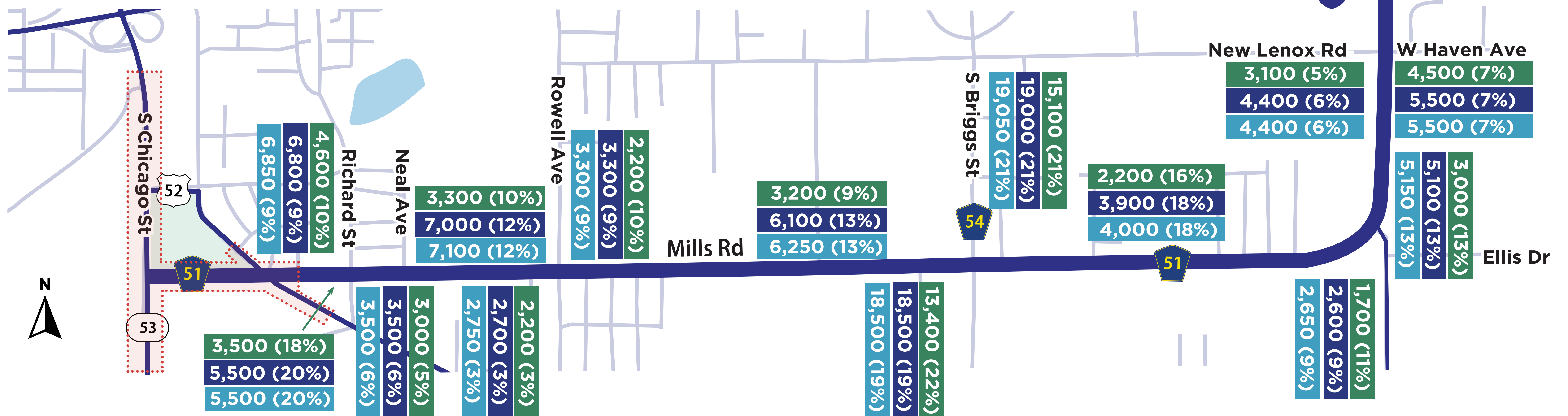


Mills-Cherry Hill Study

## The 2050 projected traffic warrants one lane of travel in each direction.

- Average Daily Traffic (ADT) is the total 24-hour weekday two-way traffic volume along a segment of road.
- Traffic data was collected June 20, 2023.
- 2050 traffic projections were provided by Chicago Metropolitan Agency for Planning (CMAP).

X,XXX (X%)	Existing 2023 ADT (% Truck)
X,XXX (X%)	No Build 2050 ADT (% Truck)
X,XXX (X%)	Build 2050 ADT (% Truck)
	IDOT IL 53 Study



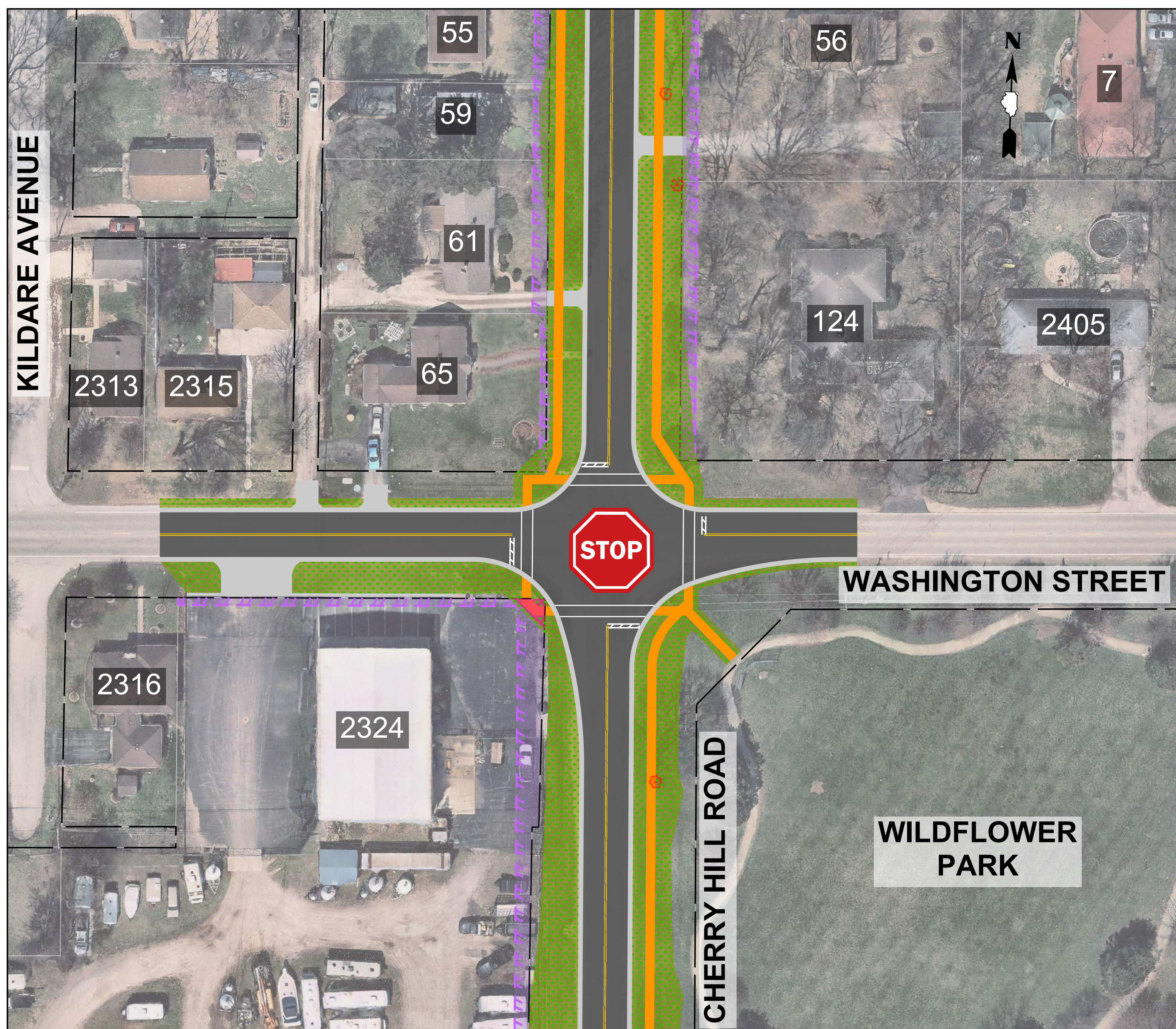




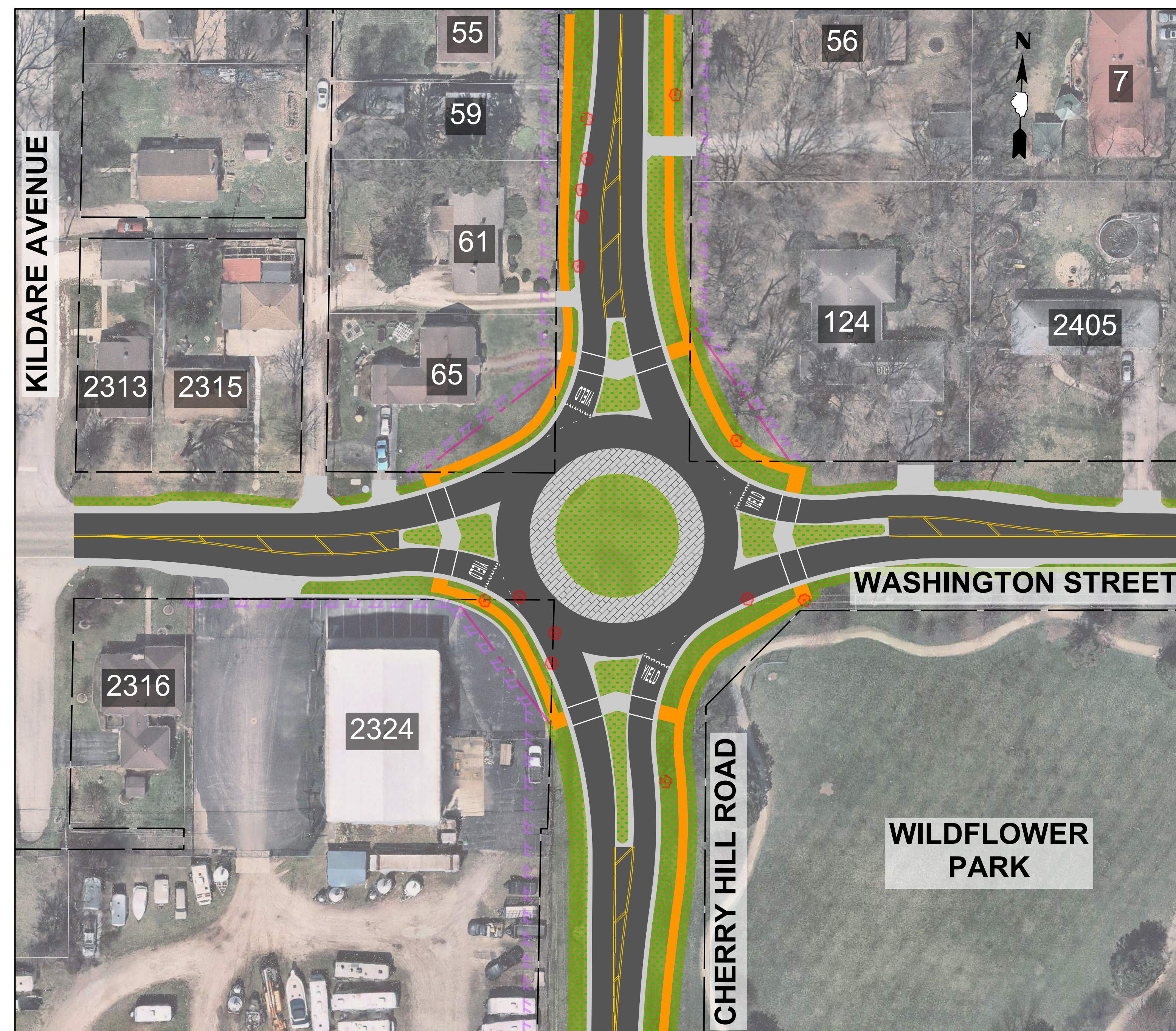
# Intersection Alternatives Cherry Hill at Washington Street



Mills-Cherry Hill Study



### All-Way Stop Control



### Single-Lane Roundabout

#### Legend

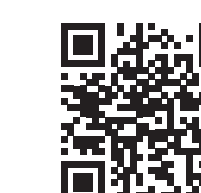
- 5' Paved Sidewalk
- Proposed Right of Way
- Grass/ Grading
- Existing Right of Way
- Temporary Easement
- Tree Removal



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# Intersection Alternatives

## Cherry Hill at Washington Street



Mills-Cherry Hill Study

ALTERNATIVE	All-Way Stop Control	Single-Lane Roundabout	No Build (2050)
TRAFFIC OPERATIONS LOS AM (PM)	Intersection LOS A (B)	Intersection LOS A (A)	*NB & SB Legs LOS B (C)
SAFETY	75% Reduction in Angle Crashes Expected	78% Reduction in All Crashes Expected	Expected Increase in Crashes over Existing
TRAFFIC MOVEMENT	Stops All Vehicles	Slows/Stops All Vehicles	Stops Northbound & Southbound Vehicles
RIGHT-OF-WAY	Least Land Acquisition	Higher Land Acquisition	N/A
CONSTRUCTION COST	Lowest Cost	Moderate Cost	N/A
CONSTRUCTION COMPLEXITY	Low	Medium	N/A

\* Two-way stop controls do not measure LOS by intersection

### Traffic Operations Levels of Service

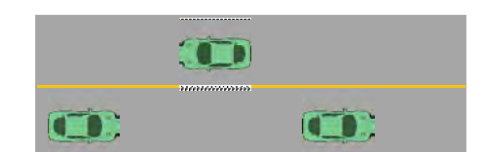
#### LOS A

Uninterrupted vehicle operation



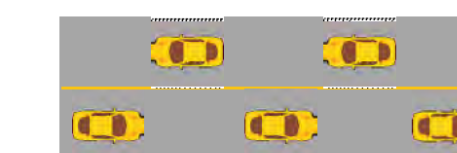
#### LOS B

Other vehicles are more noticeable



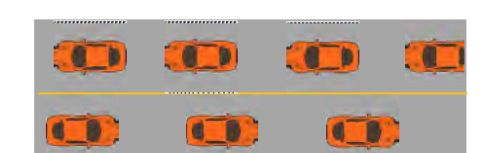
#### LOS C

Vehicle operation affected by other vehicles



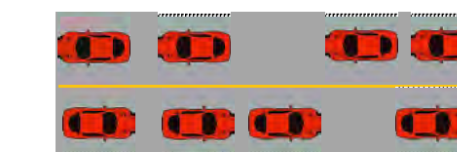
#### LOS D

Vehicle operation more affected by other vehicles



#### LOS E

Operating conditions are poor



#### LOS F

Amount of traffic exceeds capacity



### Legend

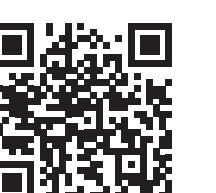
- Low Impact/ Improved Conditions
- Moderate Impact/ No Change in Conditions
- High Impact/ Worsening Conditions



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# How to Use a Roundabout



Mills-Cherry Hill Study

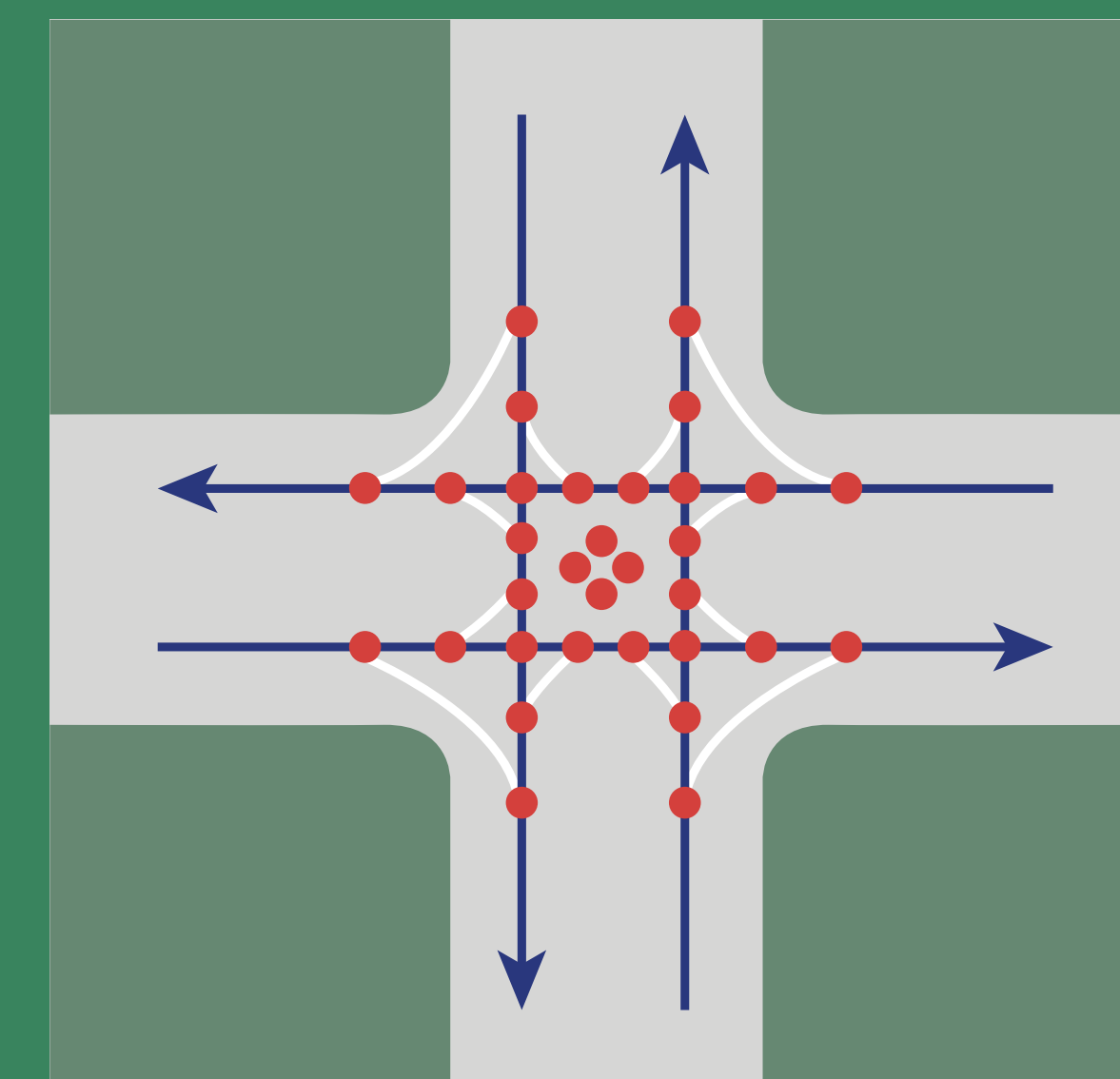
## How to Use a Roundabout:

- Entering traffic slows when approaching the roundabout
- Entering traffic yields to vehicles in the roundabout approaching from the left

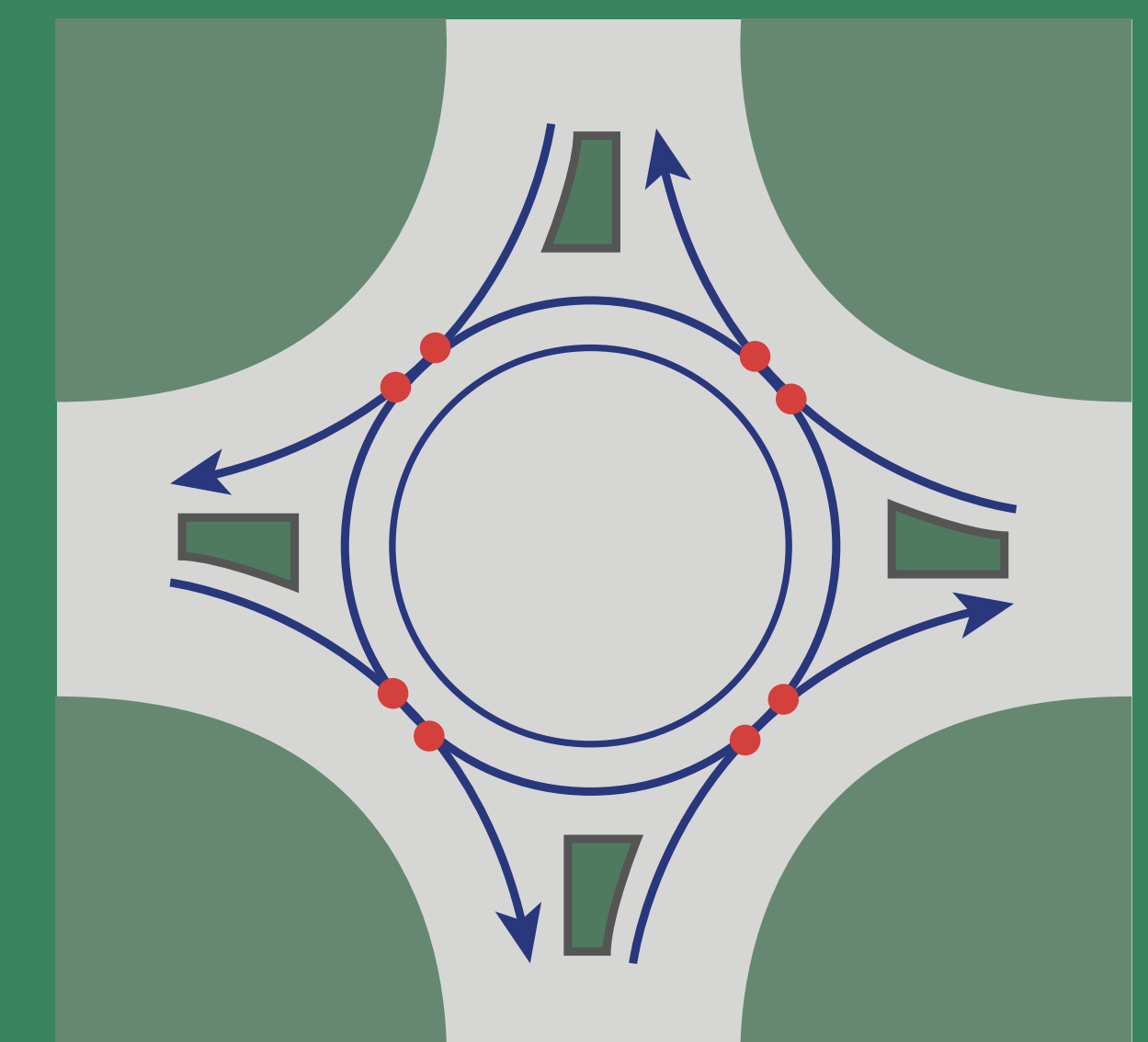
## Key Features:

- Traffic is slowed to 15 mph or less improving safety
- Entering vehicles only need to observe vehicles approaching from the left reducing the complexity of navigating around other vehicles

With roundabouts, head-on and high-speed right angle collisions are virtually eliminated.

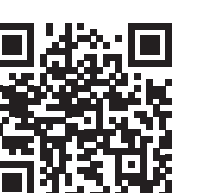
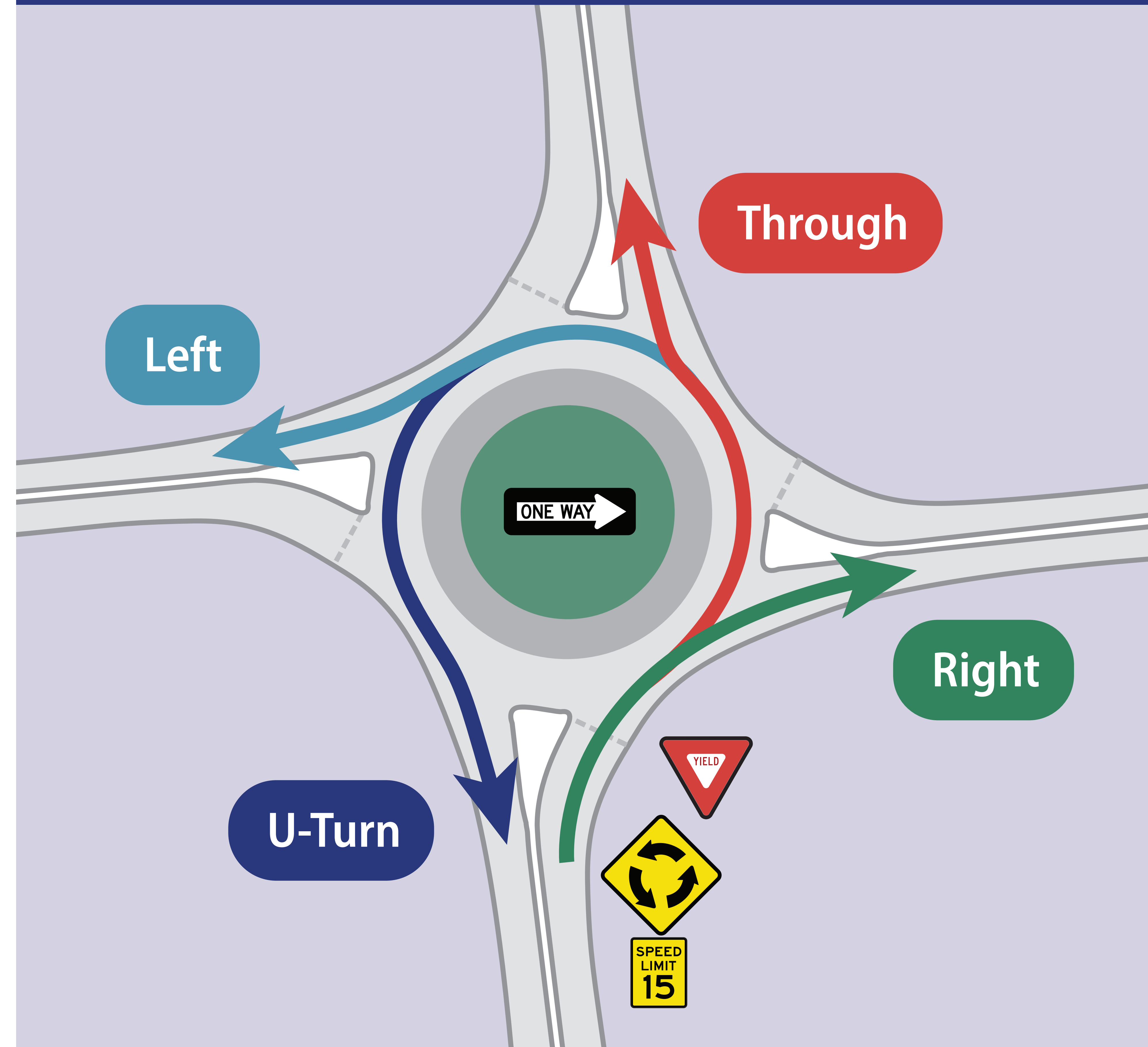


Traditional Intersection



Roundabout

● Potential Vehicle Conflict Point







# Share Your Thoughts



Mills-Cherry Hill Study

Community members and other stakeholders play an important role in this Phase I Study and any decisions made about the future of Mills and Cherry Hill Roads. We want to hear from you about transportation and community needs in this area!

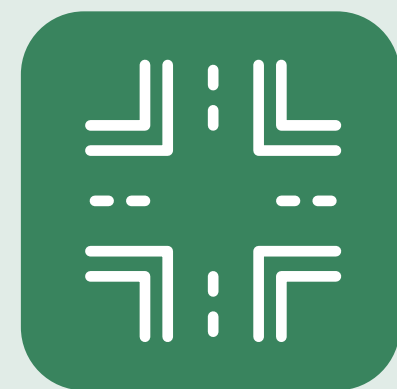


Sidewalk on Both Sides of the Road

OR

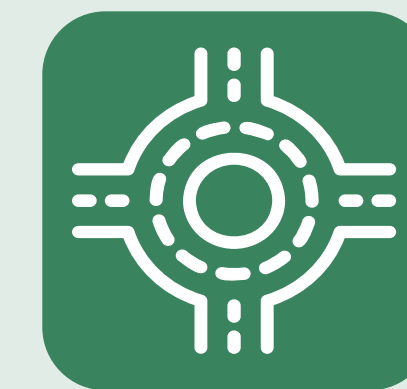


Shared-Use Path on One Side of the Road



All-Way Stop at Washington

OR



Roundabout at Washington



Rural (Open Ditch and Shoulders) Cross-section

OR



Urban (Curb and Gutter) Cross-section

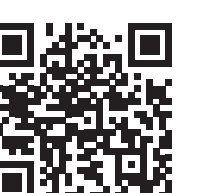
Use the stickers to indicate **your preferences** regarding the proposed alternatives.



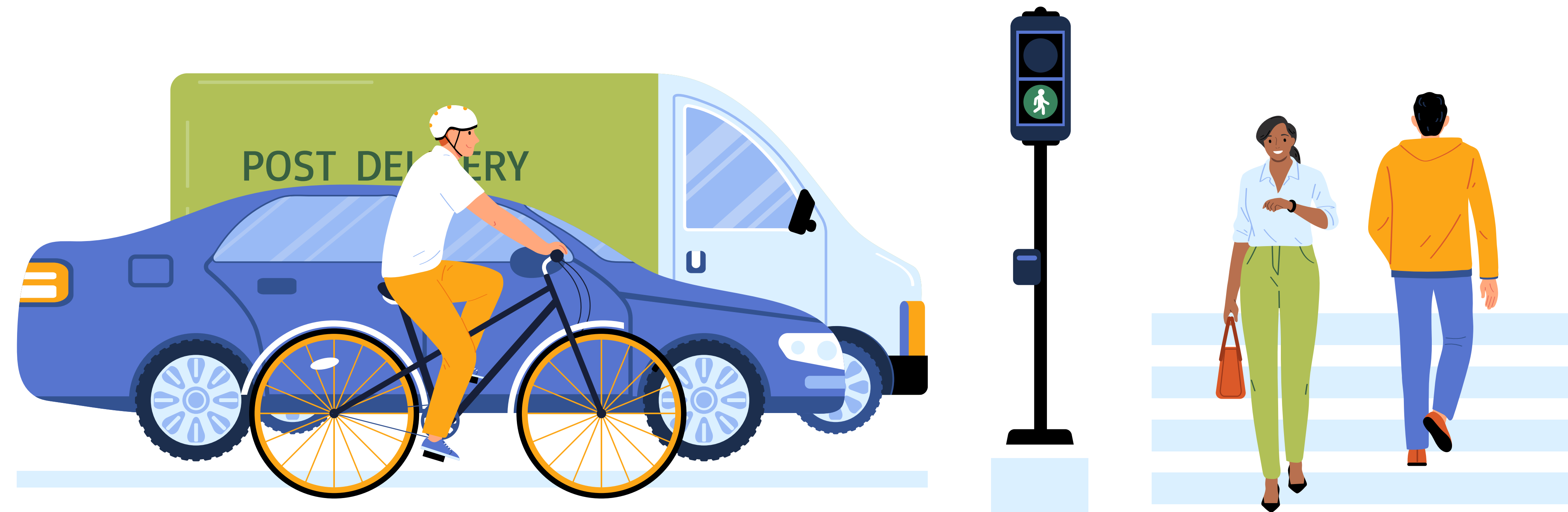
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# We want to hear from you!

The comment period is open **July 30 - August 13, 2024.**



Today in-person



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**MillsCherryHillStudy.com**

Scan the QR code to provide additional feedback on the Mills-Cherry Hill Road Study.

