

Welcome



Recommendations for Today's Meeting

Please make sure your camera is on, if possible

Please remain muted while the presenters are speaking

Please use the raise hand function to be added to the queue for any discussions

If you have any questions throughout the presentation, please use the chat function to ask the project team

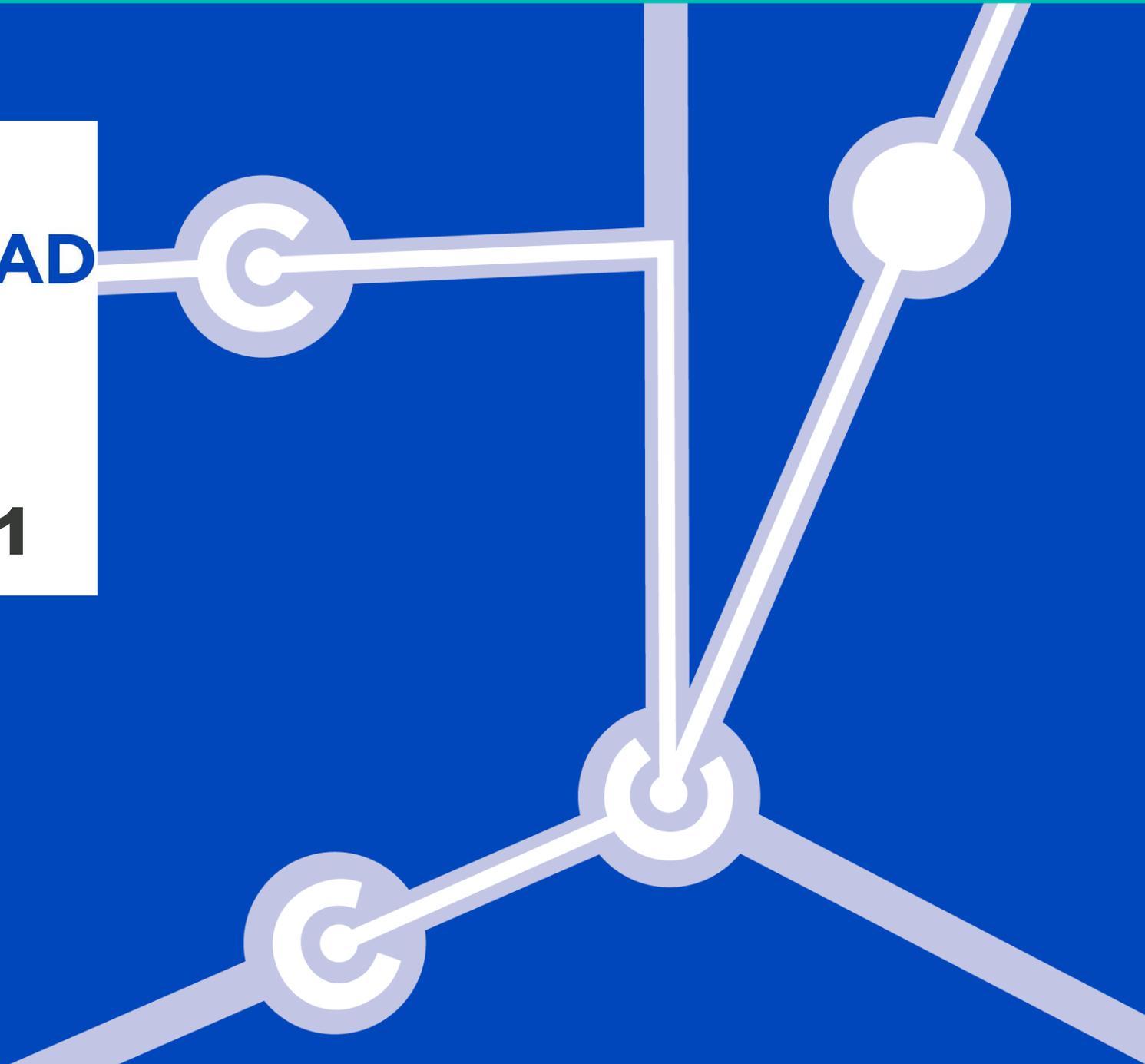


PLAINFIELD ROAD

Corridor Study

Corridor Advisory Committee Meeting #1

September 01, 2020



Goals for Today

Introduce the project and project team



Provide an overview of the project goals and timeline



Establish the Corridor Advisory Committee Role



Review and receive feedback on existing conditions



Review public outreach strategy and the public survey



Identify next steps



Introductions

Project Team

- Sanjay Joshi, Cook County DOTD
- Katie Bell, Cook County DOTD
- Tara Orbon, Cook County DOTD
- Adam James, Cook County DOTD
- Robert Mack, Knight Engineers & Architects
- James Mitchell, Knight Engineers & Architects
- Stephanie Abezetian, Knight Engineers & Architects
- Caitlin Bettisworth, Metro Strategies
- Jack Cruikshank, Metro Strategies

Corridor Advisory Committee



KNIGHT

Engineers & Architects

METRO
strategies

A large, dark blue, stylized letter 'C' graphic is positioned on the left side of the slide. It has a thick, rounded stroke and a horizontal bar extending from its center to the right edge of the slide.

Study Overview

Study Area

The study corridor is approximately 3.5 miles long, from County Line Road to East Avenue.



- Village of Burr Ridge
- City of Countryside
- Village of Indian Head Park
- Village of La Grange
- Village of McCook
- Village of Western Springs
- La Grange Highlands / Lyons Township

Study Background

The existing roadway pavement is reaching the end of its 60+ years of service life. Reconstruction of the roadway is anticipated in order to provide optimal service to its users and address known community concerns along the Plainfield Road corridor.

This Phase I study will accomplish the following:

- Review the existing conditions on the corridor
- Coordinate with adjacent on-going projects and project studies
- Solicit stakeholder and public input to develop the study goals and guide the study process
- Develop and assess corridor improvement alternatives
- Provide a preferred alternative to advance to Phase II (design) engineering and construction



Study Goals



Safety improvements for all users



Enhanced connectivity and accommodations for bicyclists and pedestrians



Reconstruct and update roadway and drainage infrastructure



Accommodate projected year 2050 travel demands



Typical Project Timeline

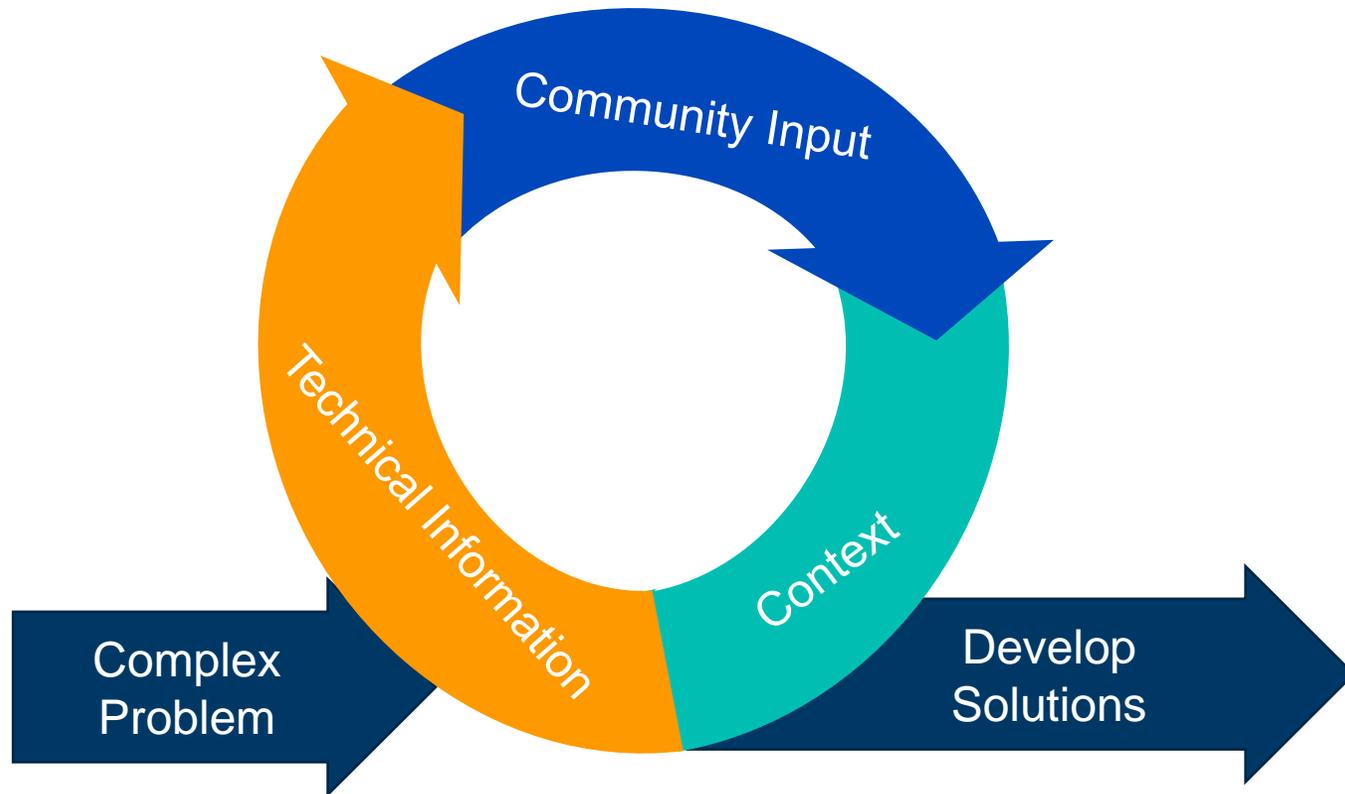
- The project team is currently in Phase I: Preliminary Engineering and Environmental Study
- Phase II and Phase III are not yet funded



Phase I Study Timeline



Context Sensitive Solutions Process



Corridor Advisory Committee Meetings

- Present updates
- Gather input on alternatives

Public Meetings/Public Survey

- Present updates
- Provide an opportunity for feedback

Website/Communication Materials

- Provide up-to-date information on the project
- Provide one place with all meeting materials, newsletters, and announcements

ImprovePlainfieldRoad.org

A large, dark blue, stylized letter 'C' logo is positioned on the left side of the slide. The 'C' is composed of a thick, curved line that forms a partial circle, with a horizontal bar extending from the center of the curve to the right edge of the slide. The background is a solid, vibrant blue.

Corridor Advisory Committee

Corridor Advisory Committee

Role

- Advise on project direction, needs, and details
- Provide guidance and support for issues within your areas of expertise
- Serve as a link to update the public and your organization of progress, scope, schedule, etc.
- Assist in promotion of public information meetings to community members

Who

Representatives from local municipalities, chambers of commerce, local institutions, parks/ environmental organizations, and transit agencies

When

Meeting #1 – Existing Conditions Review and Issues Assessment – TODAY!

Meeting #2 – Alternatives Development – Early 2021

Meeting #3 – Alternatives Assessment – Fall 2021

Meeting #4 – Preferred Alternative Presentation – Spring/Summer 2022

A large, dark blue, stylized letter 'C' graphic is positioned on the left side of the slide. It has a thick, rounded stroke and a horizontal bar extending from its center to the right edge of the slide.

Existing Conditions Review

Study Area



Project Team Review



1

Project Team Status Update

2

Roadway Conditions

3

Traffic Conditions

4

Multimodal Facilities

5

Drainage Conditions

Engineering and Environmental Study Tasks

Tasks in progress

- Topographic survey
- Review of existing plans and studies
- Historic crash analyses
- Traffic projections and initial analysis
- Existing drainage analysis
- Environmental reviews
 - Wetlands
 - Special Waste
 - Cultural Resources
- Geotechnical Borings
- Pavement Cores

Tasks not yet started

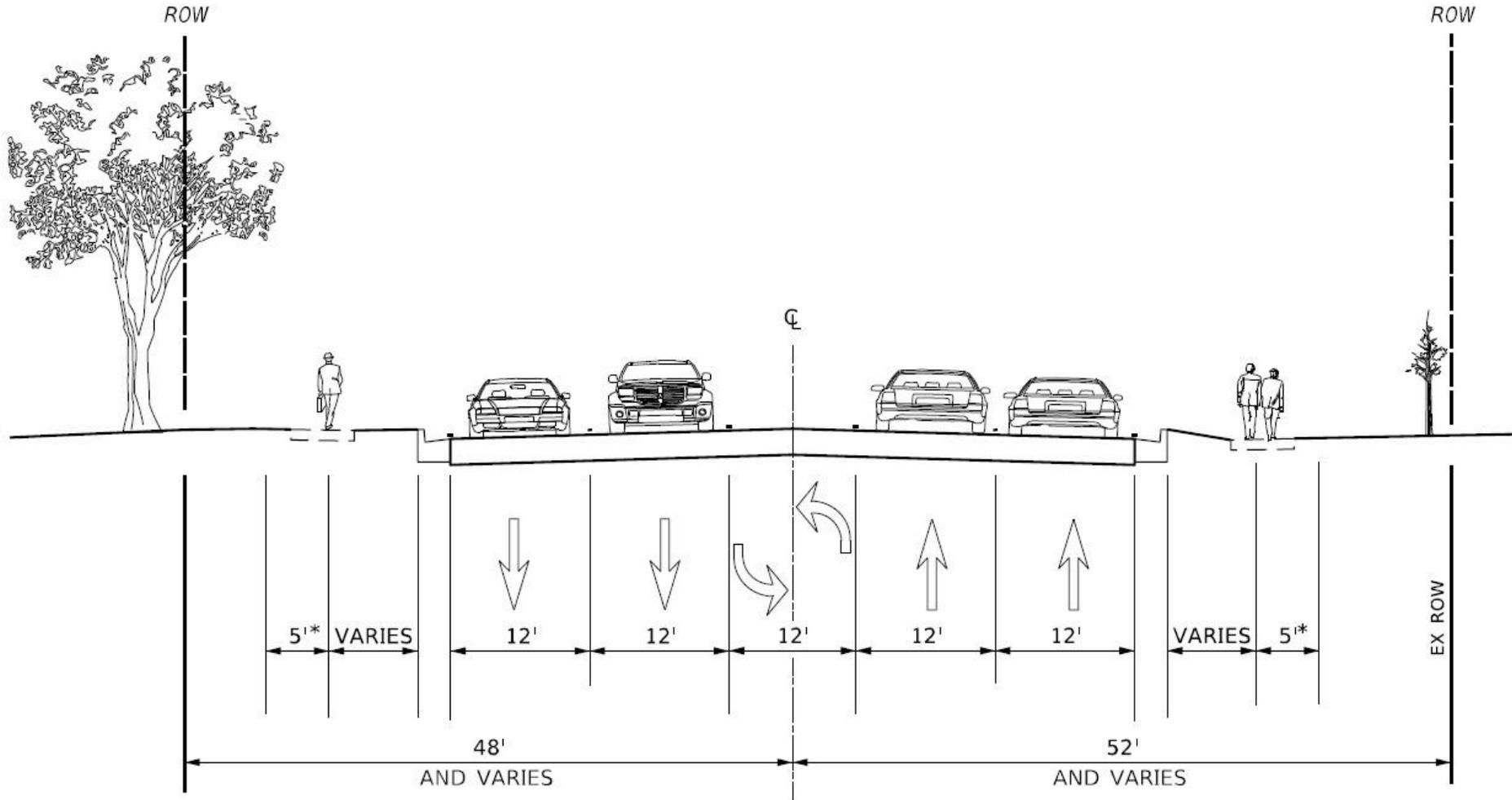
- Development of improvement alternatives
- Alternative analysis and selection of preferred alternative
- Preliminary design of preferred alternative

Pavement Conditions

- All pavement sections of asphalt and concrete have reached the end of their useful service life.
- Throughout the project corridor, various sections have been widened and resurfaced over the years, however the subbase and subgrade of the existing pavement are all original.
- Additional considerations for proposed improvements including adjacent projects, timeline, and keeping roads open to traffic will be made.

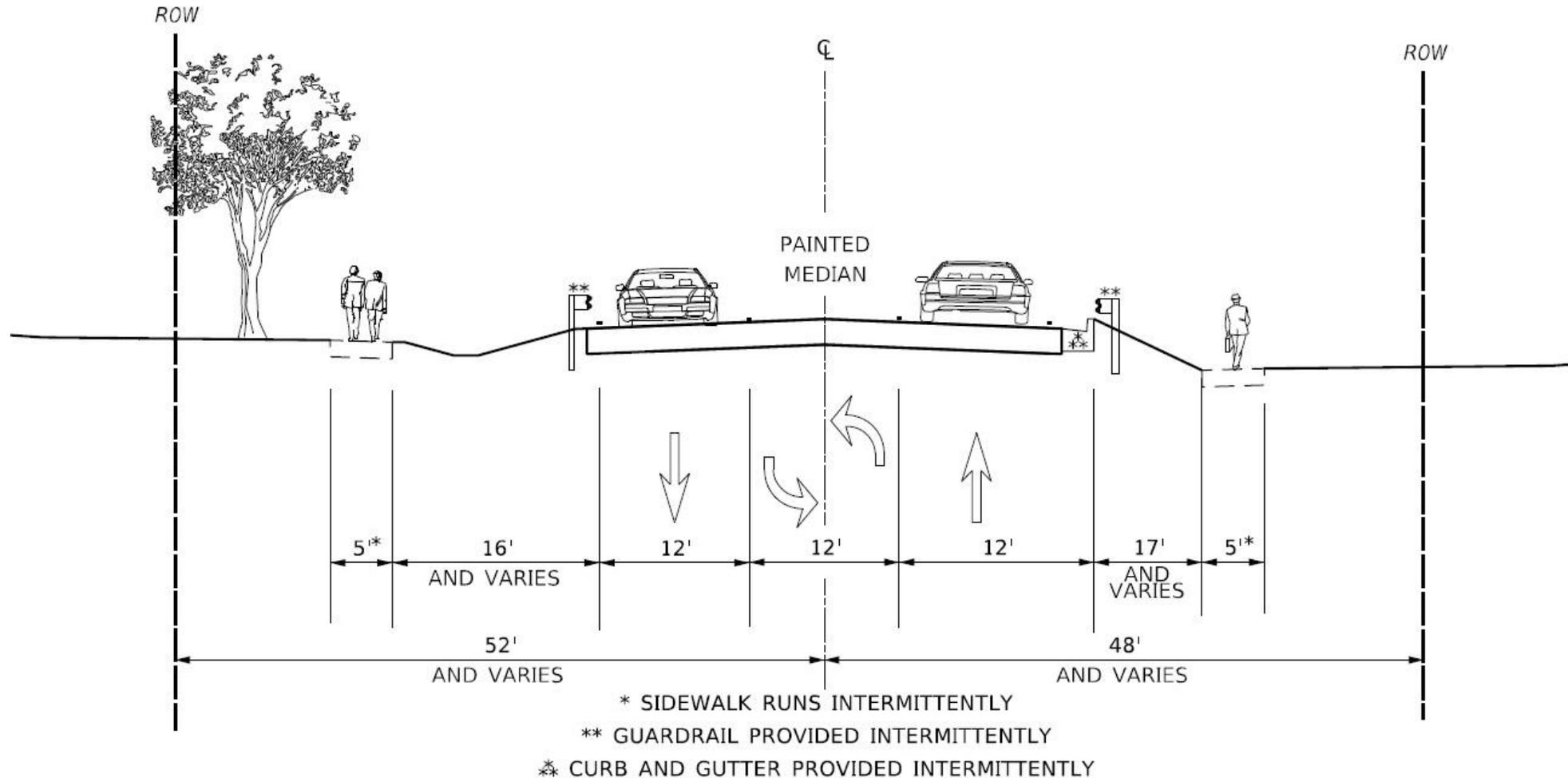
Roadway Section	Condition
County Line Road to West of Shady Lane	POOR
West of Shady Lane to Tri-State Bridge	POOR
Tri-State Bridge to Keokuk Road	GOOD*
Keokuk Road to Wolf Road	POOR
Wolf Road to Highlands Middle School West Exit	POOR
Highlands Middle School West Exit to Highlands Middle School East Entrance	FAIR
Highlands Middle School East Entrance to Willow Springs Road	POOR
Willow Springs Road to Brainard Avenue	GOOD*
Brainard Avenue to Madison Avenue	GOOD*
Madison Avenue to 7th Avenue	GOOD*
7th Avenue to East Avenue	GOOD*
* These sections have had recent resurfacings however the subgrade and subbase are original	

Typical Cross Section – County Line Road to Shady Lane

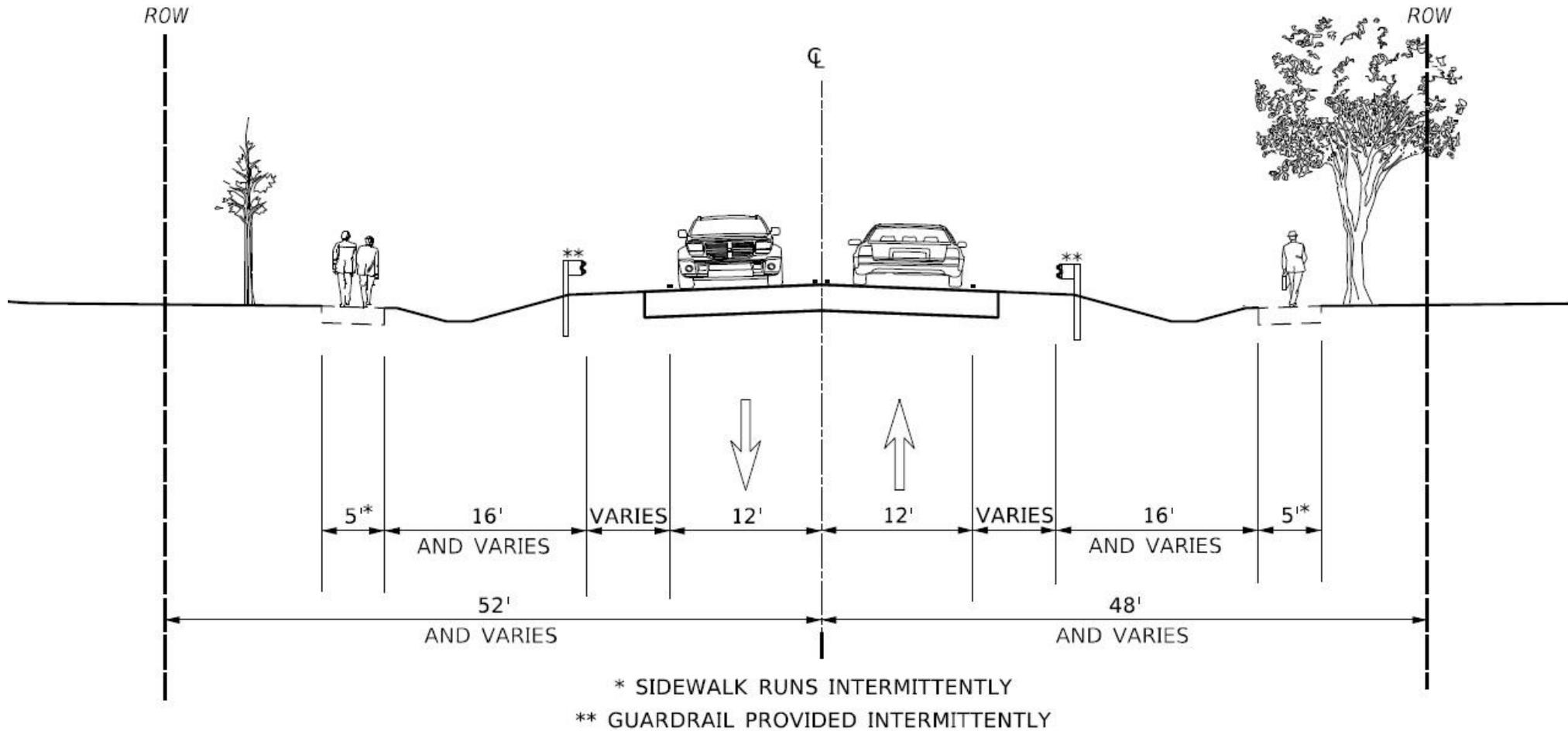


* SIDEWALK RUNS INTERMITTENTLY

Typical Cross Section – Shady Lane to Willow Springs Road



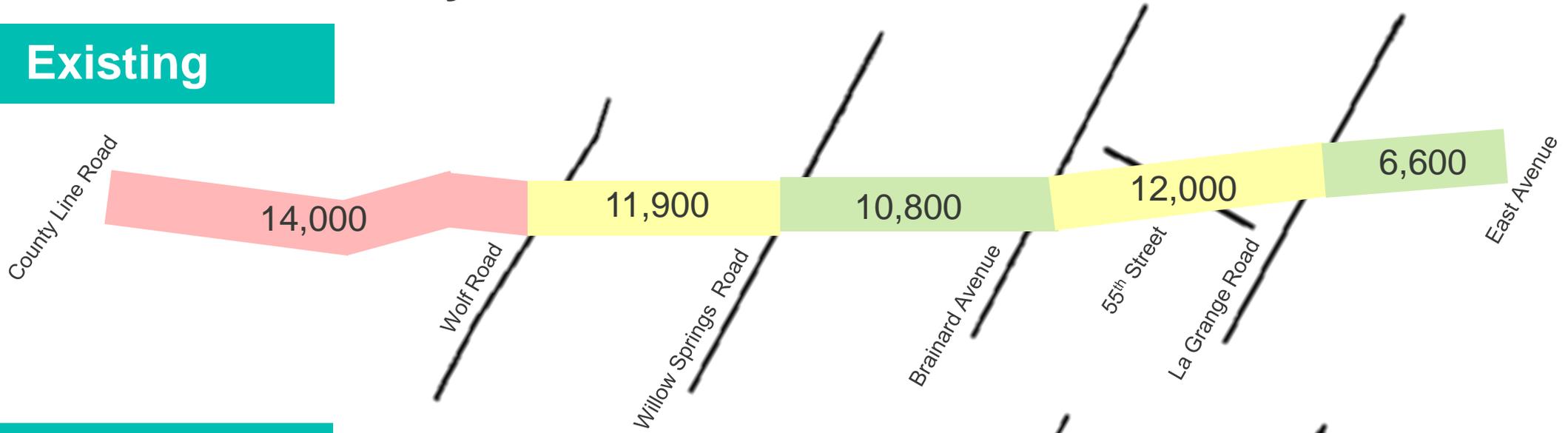
Typical Cross Section – Willow Springs Road to East Avenue



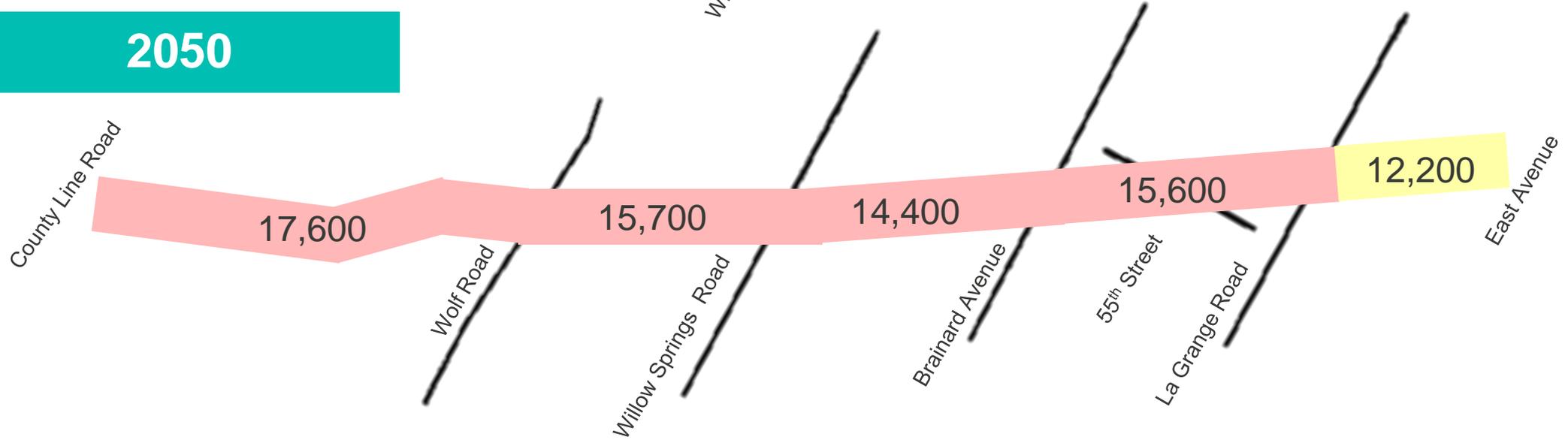
Traffic Summary



Existing



2050



Crash Summary (2013-2017)

Total Crashes

439 total crashes in study area

Fatalities

0 fatalities in the study area

Type A

9 type A crashes: injuries serious enough to prevent normal activity for at least one day

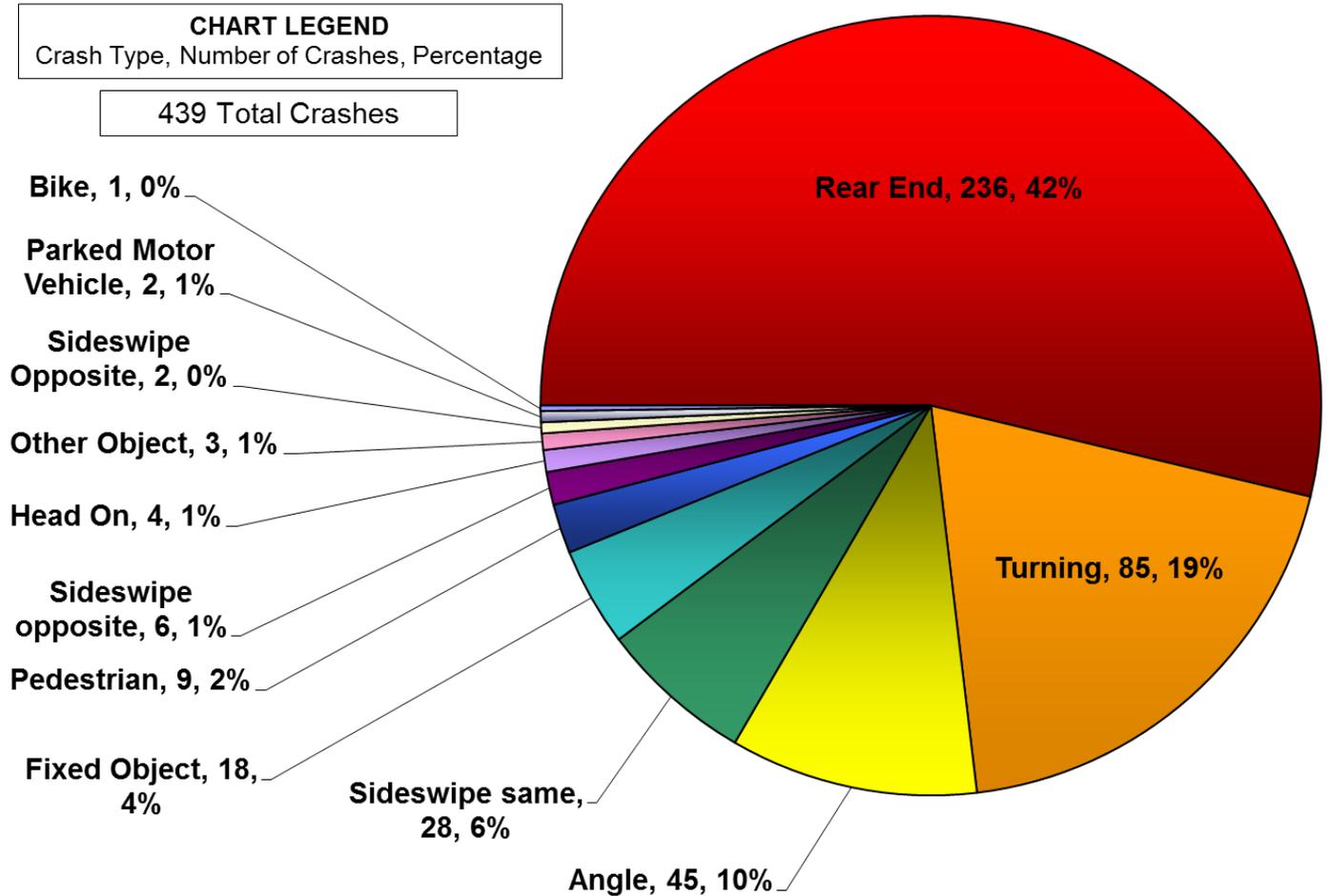
Type B

48 type B crashes: injuries that are evident at the scene, but not serious enough to prevent normal activity

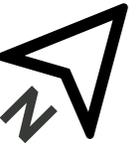
Type C

80 type C crashes: non-visible injuries but there are complaints of pain or momentary unconsciousness, such as headaches

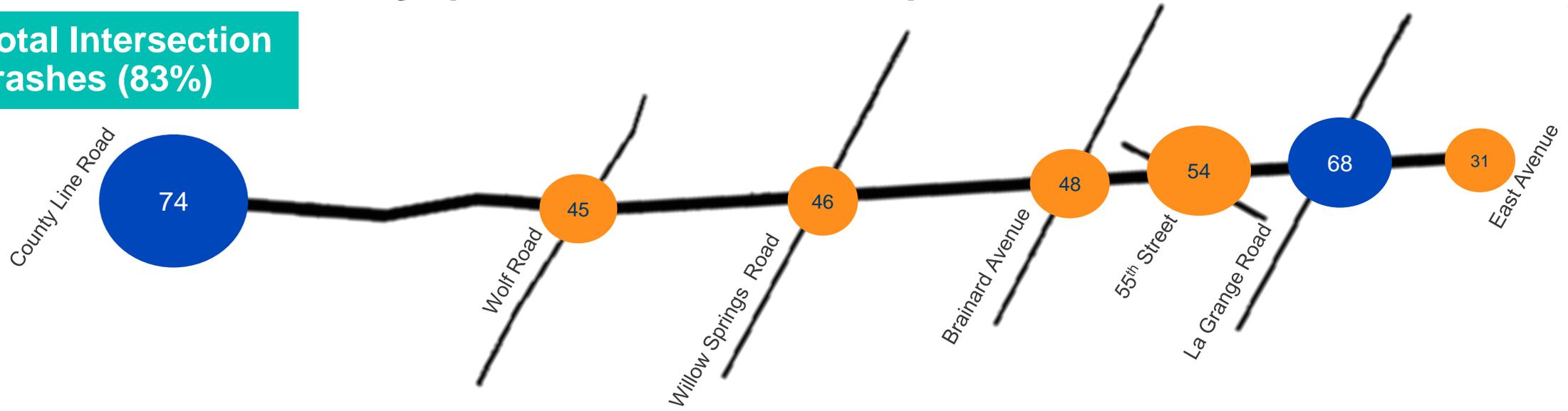
*Plainfield Road from County Line Road to East Avenue
(Crash Data 2013-2017)*



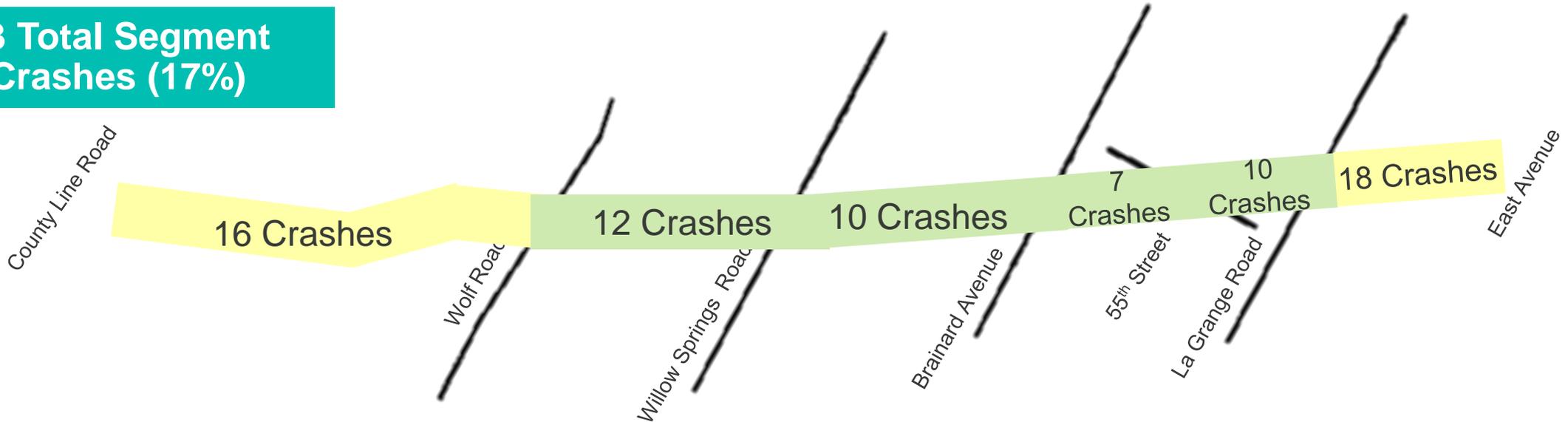
Crash Summary (Total Crashes 439)



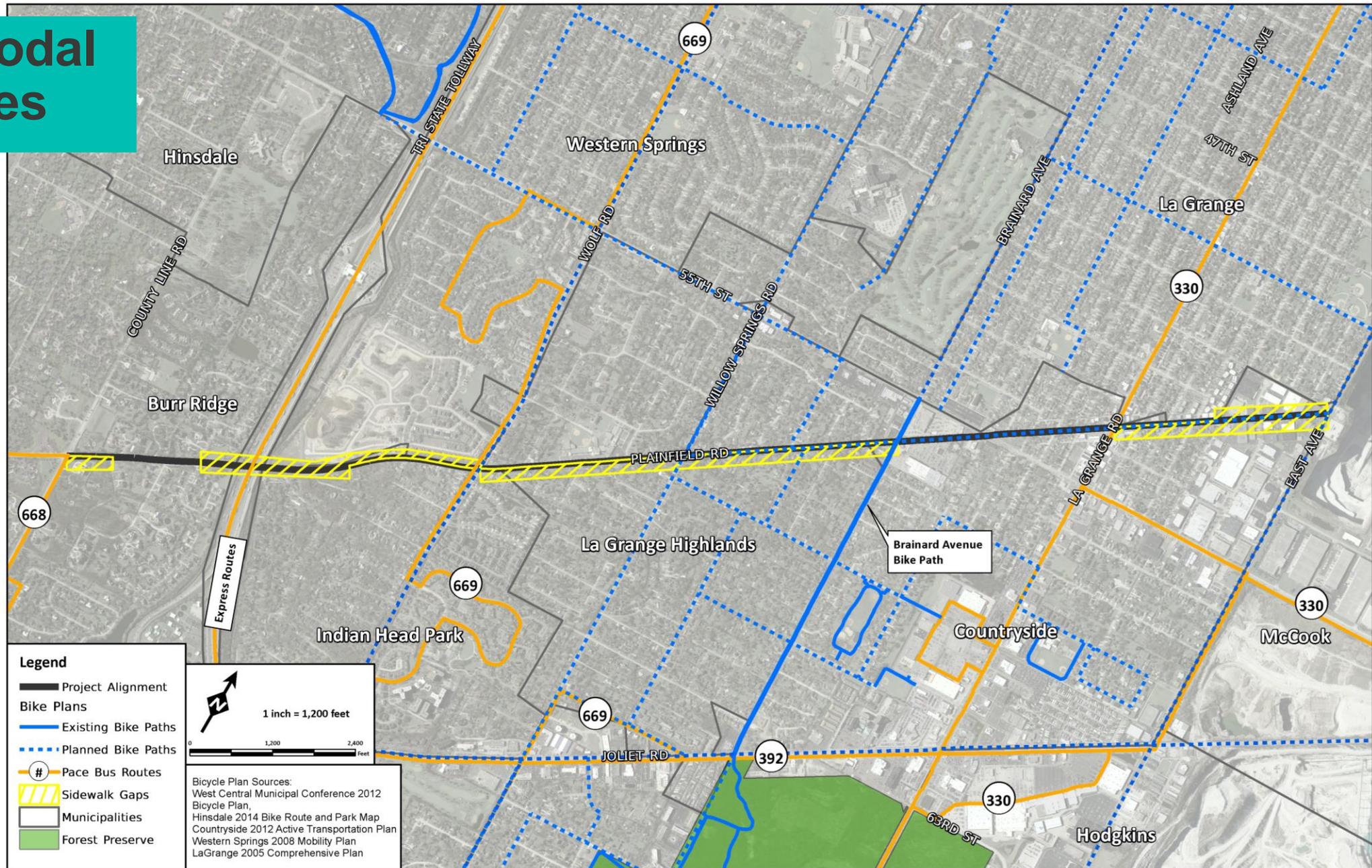
366 Total Intersection Crashes (83%)



73 Total Segment Crashes (17%)



Multimodal Facilities



Legend

- Project Alignment
- Existing Bike Paths
- Planned Bike Paths
- Pace Bus Routes
- Sidewalk Gaps
- Municipalities
- Forest Preserve

1 inch = 1,200 feet

Bicycle Plan Sources:
 West Central Municipal Conference 2012
 Bicycle Plan,
 Hinsdale 2014 Bike Route and Park Map
 Countryside 2012 Active Transportation Plan
 Western Springs 2008 Mobility Plan
 LaGrange 2005 Comprehensive Plan

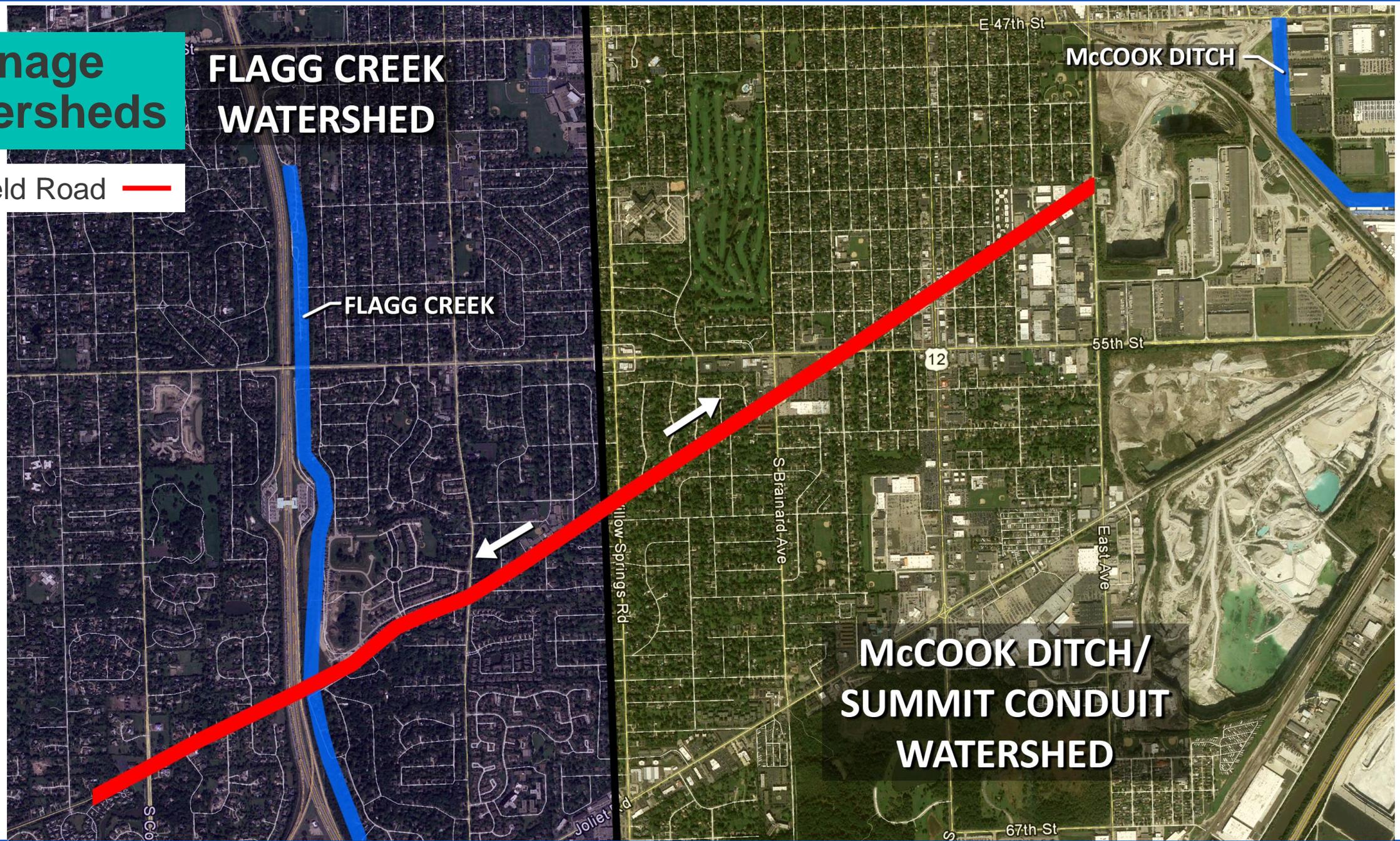
Drainage Watersheds

Plainfield Road 

FLAGG CREEK WATERSHED

FLAGG CREEK

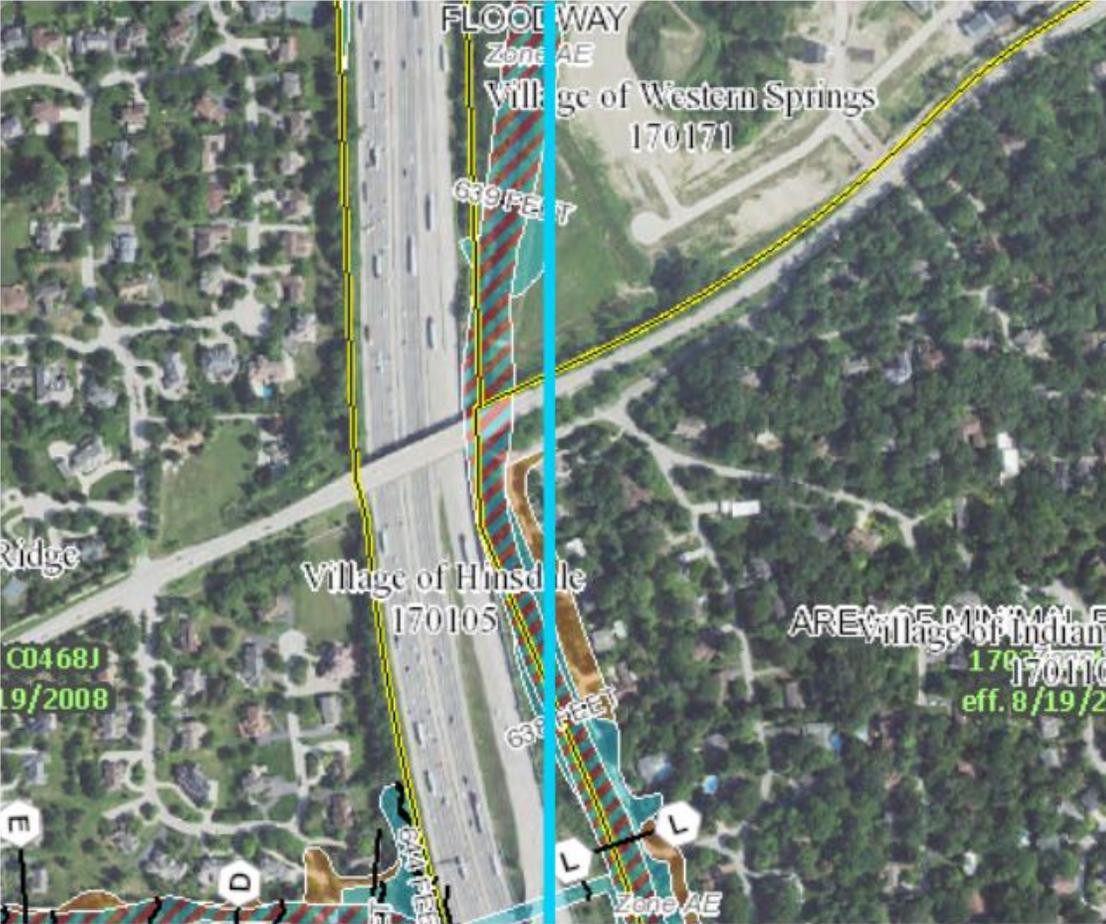
McCOOK DITCH/ SUMMIT CONDUIT WATERSHED



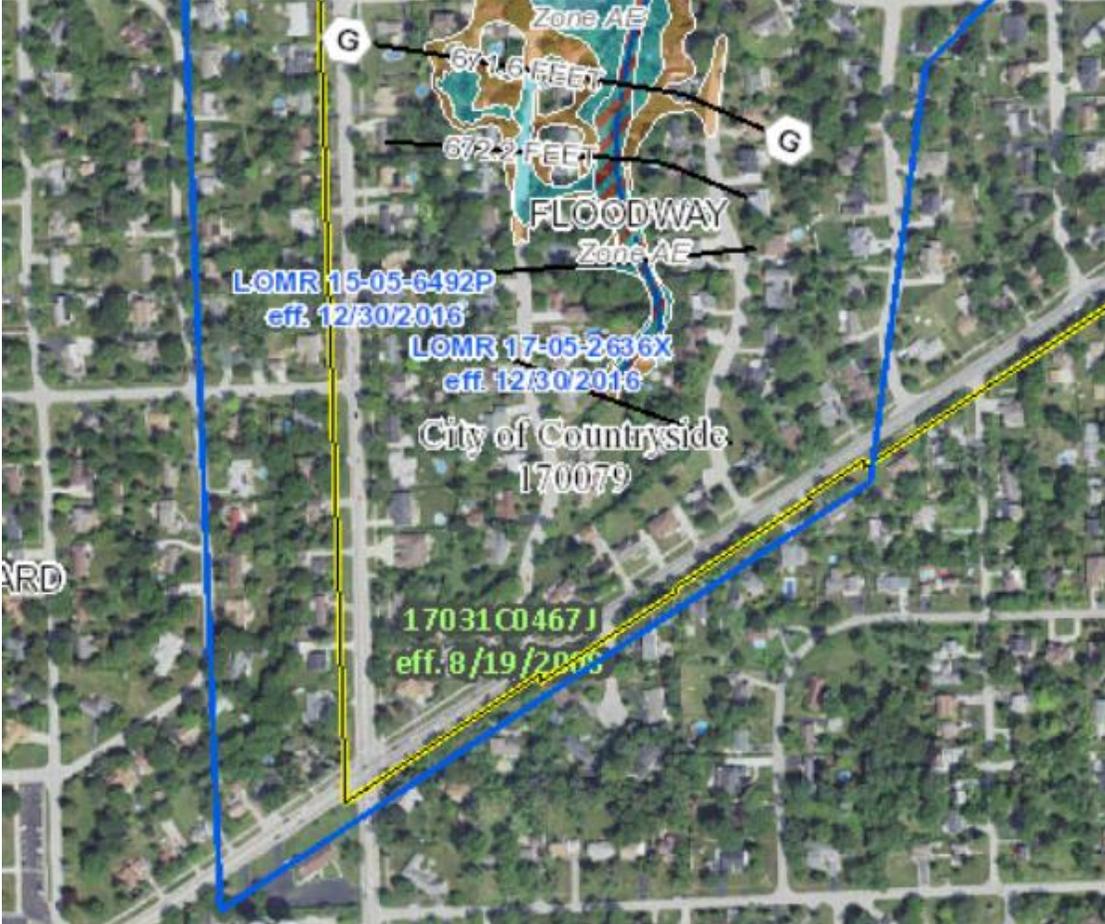
Area Waterways



Flagg Creek



Des Plaines Tributary at Peck Ave



Drainage Issues

Peck Avenue Overflow



Bobolink and 7th Intersection



McCook Ditch



Drainage Issues – Salem Square Mall



Overflow Area in Parking Lot



Kensington Street Flooding



Metropolitan Water Reclamation District of Greater Chicago (MWRD) Update



**Metropolitan Water
Reclamation District
of Greater Chicago**

- History of the MWRD Plainfield Road Corridor Study/Partnership with the Cook County Department of Transportation and Highways (CCDOH)
 - Began in 2014 with CCDOH request for MWRD to aid in identifying potential stormwater improvements to be coordinated with future drainage and roadway improvements under the County's Phase I Study.
 - Evaluated various alternatives to address flooding concerns along the Plainfield Road corridor
- MWRD performed preliminary engineering in the following areas:
 - La Grange Highlands
 - Countryside
 - La Grange
 - McCook
- Findings
 - Potential drainage solutions and their Benefits vs. Costs
 - Design and Construction Challenges
- Future Planning and Studies
 - La Grange
 - Localized flooding studies in partnership with the County and local governments

Problem areas identified under MWRD Preliminary Engineering Study



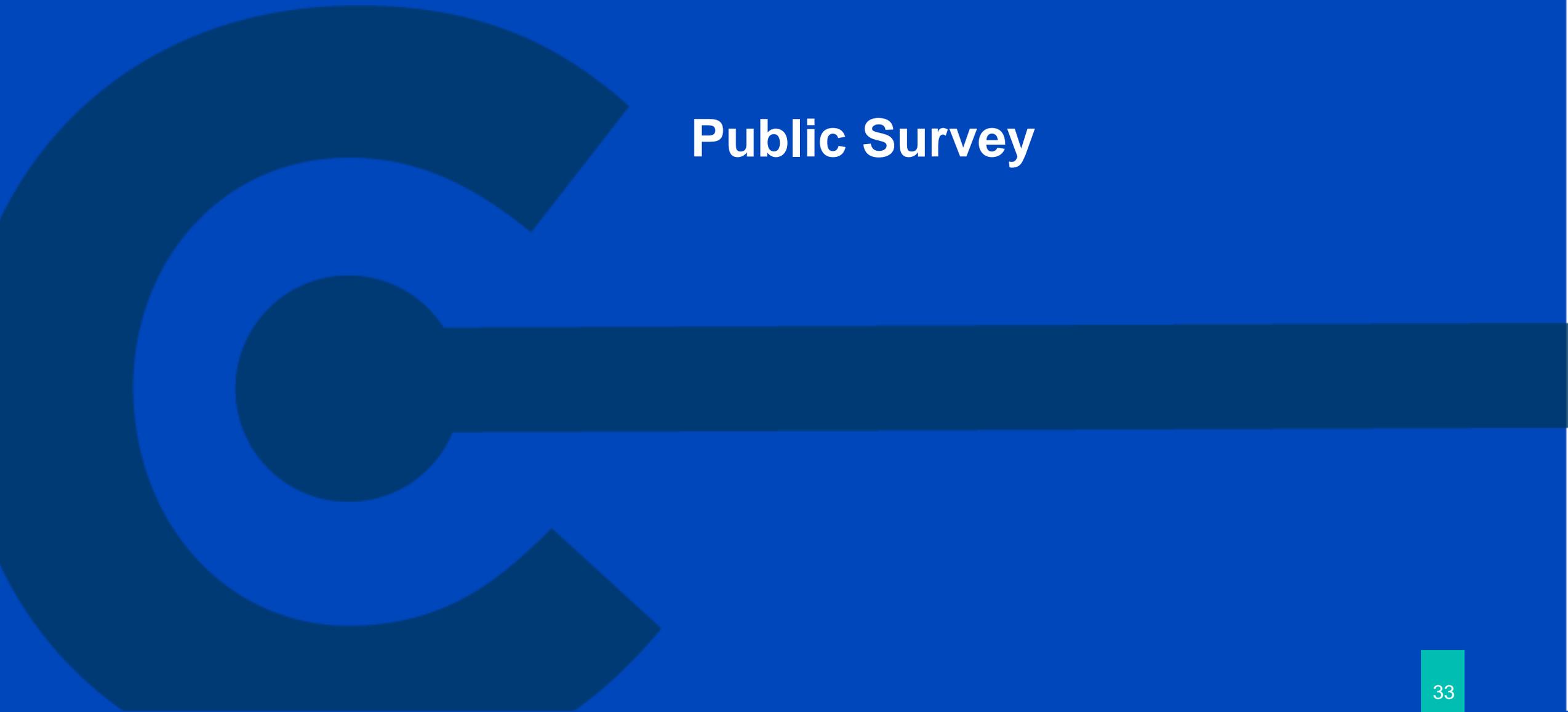
Open Discussion



The project team will be presenting exhibits of the corridor and we would like to hear any input you have.

Comments could include:

- Pedestrian/Bike Issue
- Traffic/Roadway Issue
- Transit Access/Connectivity
- Areas to Improve Safety
- Drainage Issue
- Important Locations



Public Survey

Public Survey

1

Develop an interactive tool to enable the community to identify major issues, opportunities, and priorities along the corridor

2

Community members submit information for the project team to consider during the initial development of the project alternatives

3

Develop improvement alternatives to create a safer, more connected, roadway that accommodates projected traffic demands and addresses community needs

Responses will be supported between:

September 8 – September 29

Public Survey Overview

PLAINFIELD ROAD Corridor Study
CONNECTING COOK COUNTY

Instructions

- 1 Click on the map on existing pins to add a comment to the pin
- 2 Click below to add a new comment
- 3 Select the type of comment and place on the map where your comment applies

Pin Types

- Pedestrian/Bike Issue
- Transit Access/Connect
- Traffic/Roadway Issue
- Drainage Issue

Plainfield Road About & Help [Click Here to Identify a Trouble Spot, Community Resource, or Other Information](#)

Map Satellite

View Options

- Turn On/Off layers
- Turn On/Off Other People's Responses
- Drainage Issue
- Other/New Idea
- Pedestrian/Bike Issue
- Traffic/Roadway Issue

A large, dark blue, stylized letter 'C' graphic that is partially cut off on the left side. It has a thick, rounded stroke and a horizontal bar extending from its center to the right edge of the slide.

Next Steps

Next Steps

- Launch online survey
September 8th – 29th
- Incorporate CAC and Public Survey feedback into development of improvement alternatives
- CAC Meeting #2 Winter 2021
(Develop Alternatives for Project Study)
- Public Meeting #1 Spring 2021
(Alternatives Presentation)



Help us promote the survey and receive community responses through social media, newsletters, and websites!

Thank you

Contact the project team:

Sanjay Joshi, P.E., Project Manager

Info@ImprovePlainfieldRoad.org

Cook County Department of Transportation and Highways
69 W. Washington St., 24th Floor, Chicago, IL 60602

