



US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

WELCOME!

Community Advisory Group (CAG)

Meeting #2

February 24, 2026

Tri-Township Park District Office





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

INTRODUCTIONS



Illinois Department of Transportation

VOLKERT



US ROUTE 40 CAG MEMBERS

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

CAG BINDER

- ◆ Copy of Today's Presentation
- ◆ Revised Problem Statement
- ◆ Summary of 1st CAG Meeting

**Please bring to each meeting*





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

MEETING PURPOSE

- ◆ Finalize Problem Statement
- ◆ Discuss Design Criteria and the Impacts
- ◆ Evaluate Alternative Sections
- ◆ Discuss Alternatives to Move Forward





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

AGENDA

- ◆ Review CAG Rules
- ◆ Recap CAG #1
- ◆ Finalize Problem Statement
- ◆ Discuss Project Limits
- ◆ Discuss Alternative Typical Sections
- ◆ Alternative Typical Section Exercise
- ◆ Evaluate Alternative Typical Sections
- ◆ Questions and Closing Remarks





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

COMMUNITY ADVISORY GROUP (CAG)

A Community Advisory Group (CAG) is a group of voluntary community members, including study area residents, businesses, and property owners, representing a broad range of interests.



The community-based working group provides input to the PSG during the planning and design process to identify:

- stakeholder interests and values
- improvement options
- evaluate the potential effects of those options on community resources





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

CAG GROUND RULES

- ◆ Stakeholder input is duly considered in order to yield the best solutions to problems identified by the process.
- ◆ Input from all participants in the process is valued and considered.
- ◆ All participants must keep an open mind and participate openly, honestly, and respectfully.
- ◆ **All participants work collaboratively and cooperatively to seek a consensus solution. Consensus is defined as “when a majority of the stakeholders agrees on a particular issue, while the remainder of stakeholders agrees their input has been heard and duly considered and that the process as a whole was fair.” *Note: The Project Study Group may elect to move the process forward in instances where consensus cannot be achieved.***





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

CAG GROUND RULES (CONT.)

- ◆ All participants in the process must treat each other with respect and dignity.
- ◆ The project must progress at a reasonable pace, based on the project schedule.
- ◆ IDOT will serve as the lead agency and make final project decisions with FHWA oversight.
- ◆ Meetings will be documented, and meeting summaries will be made available to the public.
- ◆ Participants should express their ideas, feelings, and concerns so that the group can consider them during the study.
- ◆ Participants should support the guidance provided by the CAG facilitator.





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

CAG #1 RECAP

- ◆ Introduced the Project and CAG's role to help the PSG identify existing transportation issues and needs in the study corridor
- ◆ Discussed the feedback received from PIM #1 expressing concern for growing traffic volumes as well as safety concerns and the desire to extend the project limits
- ◆ Currently in Phase I, Preliminary Engineering and Environmental Studies
- ◆ Defined who Stakeholders and CAG members are
- ◆ Discussed how traffic, crashes, land uses, etc. impact the design and the process
- ◆ Group activity listed items/features they were most concerned about
- ◆ Draft problem statement was agreed upon by the group



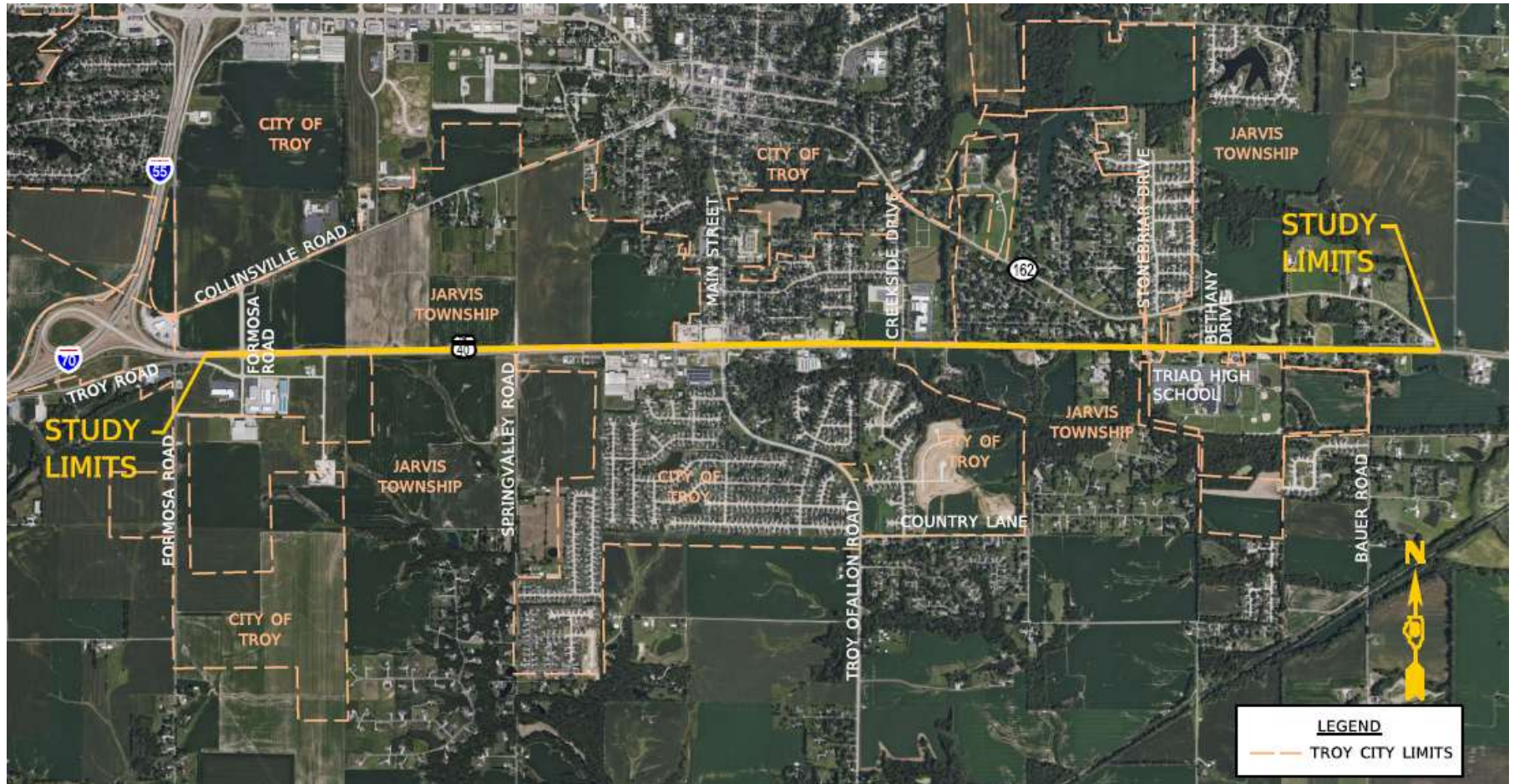


US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

STUDY LIMITS





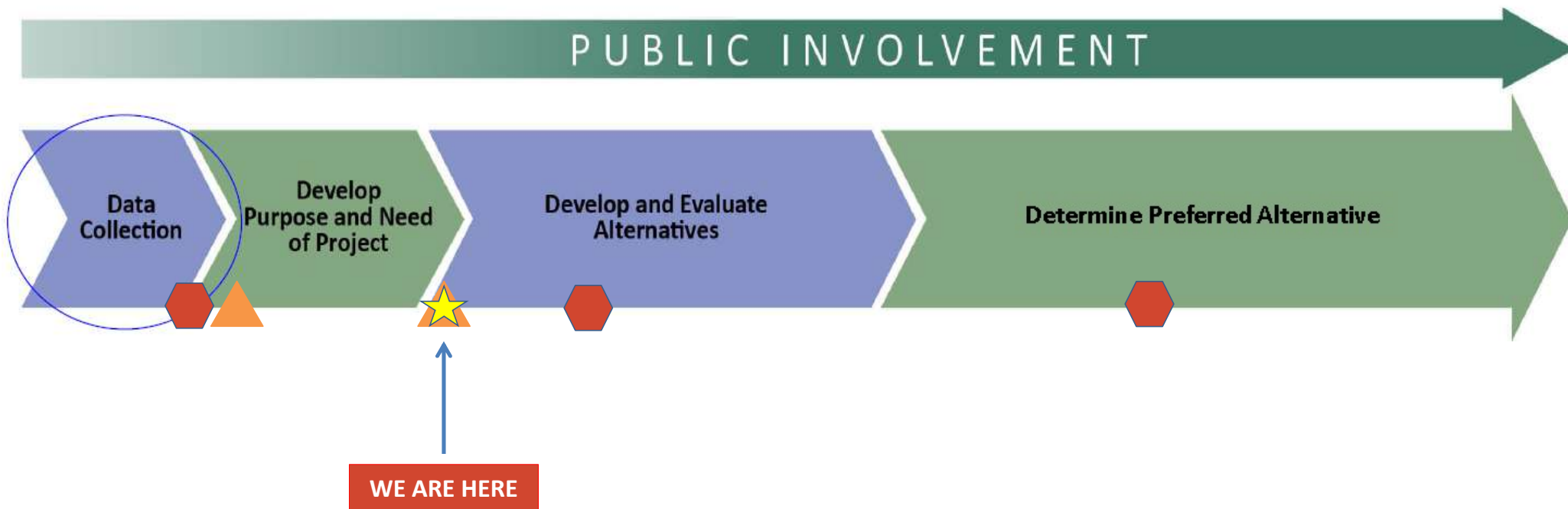
US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

PHASE I SCHEDULE

PUBLIC INVOLVEMENT



PUBLIC INVOLVEMENT MEETING (PIM)



COMMUNITY ADVISORY GROUP MEETING (CAG)





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

PROJECT PROBLEM STATEMENT

REVISED DRAFT PROBLEM STATEMENT

“The transportation concerns with US Route 40 from Formosa Road to IL Route 162 are increasing traffic volumes and congestion along the corridor, along with a number of crashes. This overloads the area-wide traffic system creating a lack of safe and efficient access to properties along US Route 40, as well as insufficient pathways for pedestrians and bicyclists in the area, compromising safety, mobility and impacting the quality of life of the community, which could be enhanced through improvements to the corridor.”



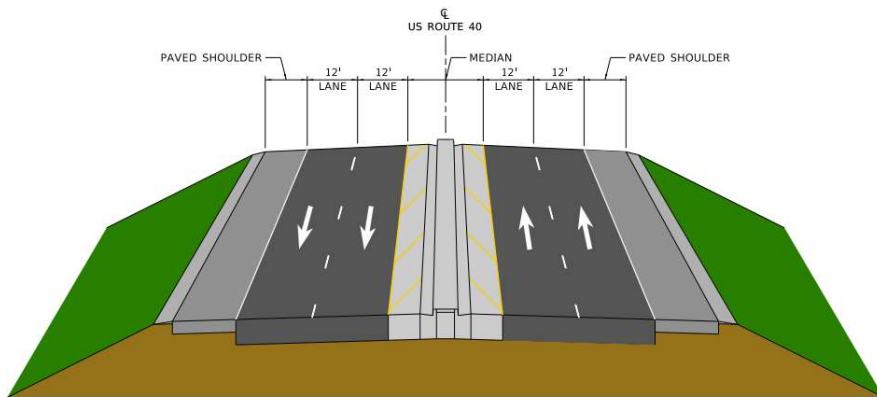


US ROUTE 40

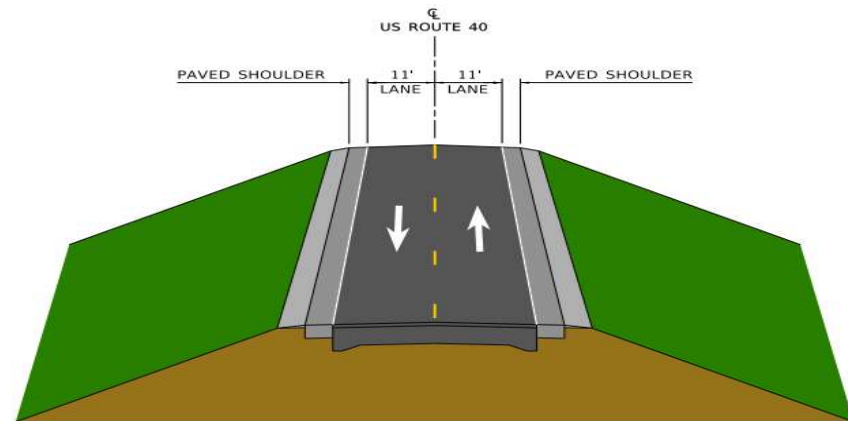
Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY



EXISTING US ROUTE 40 TYPICAL SECTION



EXISTING US ROUTE 40 TYPICAL SECTION



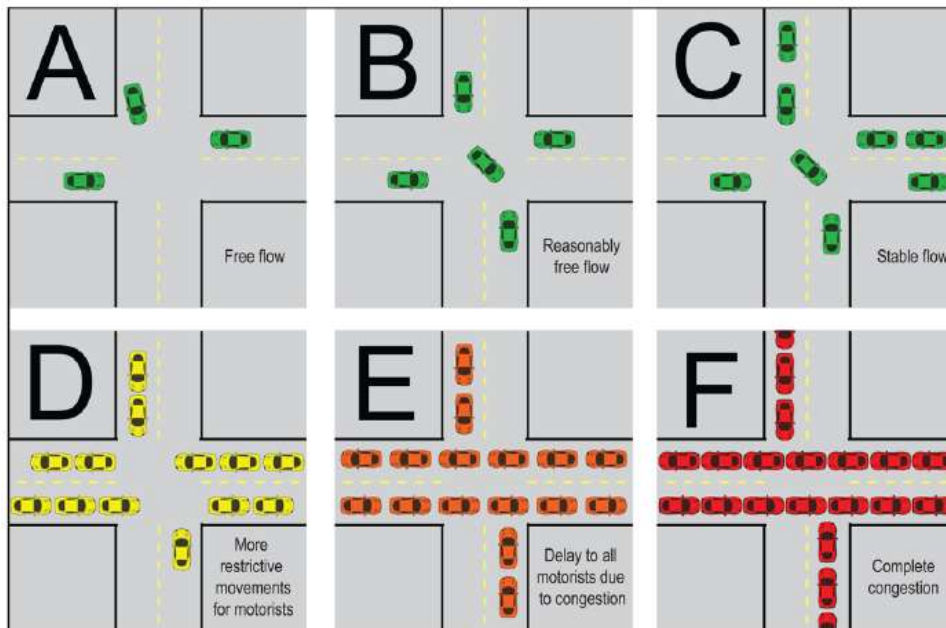


US ROUTE 40

Formosa Road to IL Route 162
PRELIMINARY ENGINEERING STUDY

LEVEL OF SERVICE US ROUTE 40

What is Level of Service (LOS)?



Level of Service	Intersections	
	Signalized	Unsignalized
Delay per Vehicle (sec/veh)		
A	<10	0-10
B	>10-20	>10-15
C	>20-35	>15-25
D	>35-55	>25-35
E	>55-80	>35-50
F	>80	>50

Level of Service	2-Lane Facility	
	Posted Speed ≥ 50 mph	Posted Speed <50 mph
Follower Density (followers/mi)		
A	≤ 2.0	≤ 2.5
B	> 2.0-4.0	>2.5-5.0
C	>4.0-8.0	>5.0-10.0
D	>8.0-12.0	>10.0-15.0
E	>12.0	>15.0
F	Demand exceeds capacity	



US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

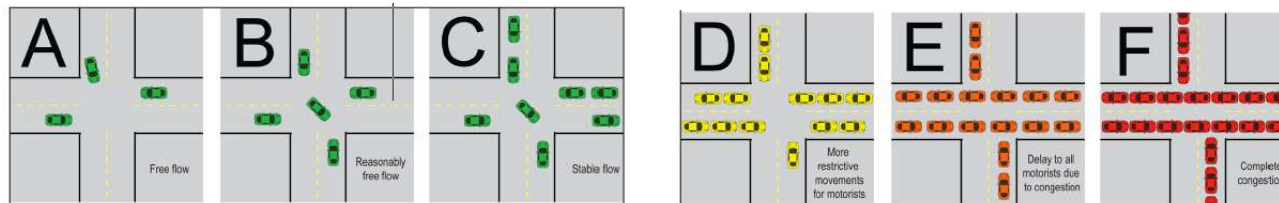
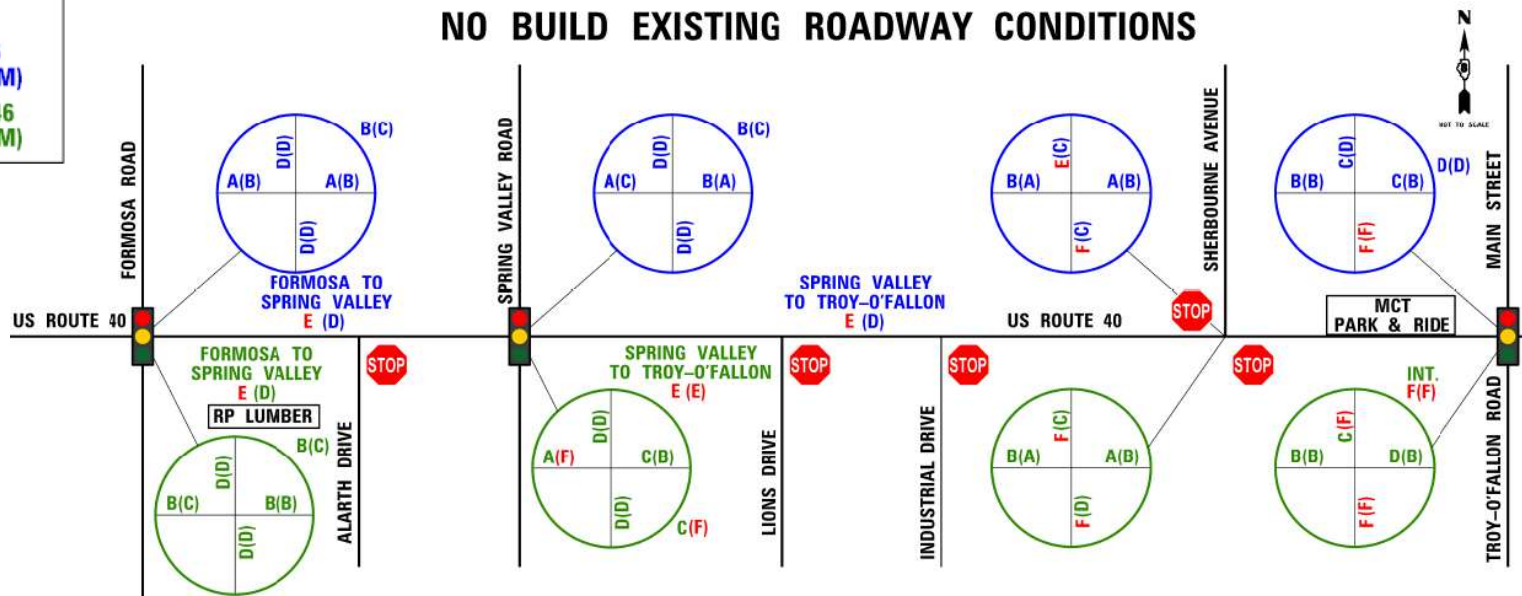
LEVEL OF SERVICE US ROUTE 40

LEGEND

BASE YEAR 2026
NO BUILD AM (PM)

DESIGN YEAR 2046
NO BUILD AM (PM)

NO BUILD EXISTING ROADWAY CONDITIONS





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

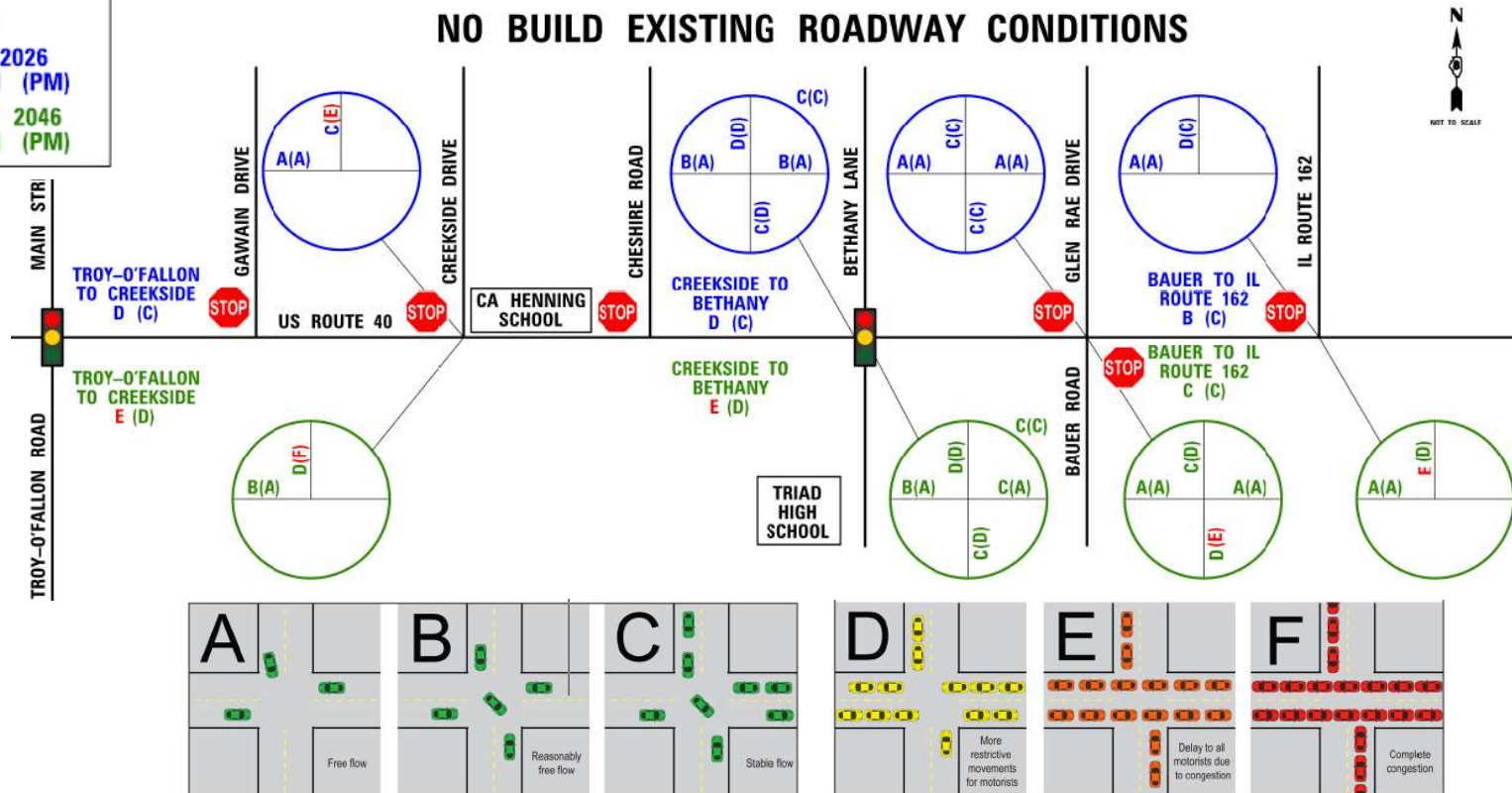
LEVEL OF SERVICE US ROUTE 40

LEGEND

BASE YEAR 2026
NO BUILD AM (PM)

DESIGN YEAR 2046
NO BUILD AM (PM)

NO BUILD EXISTING ROADWAY CONDITIONS





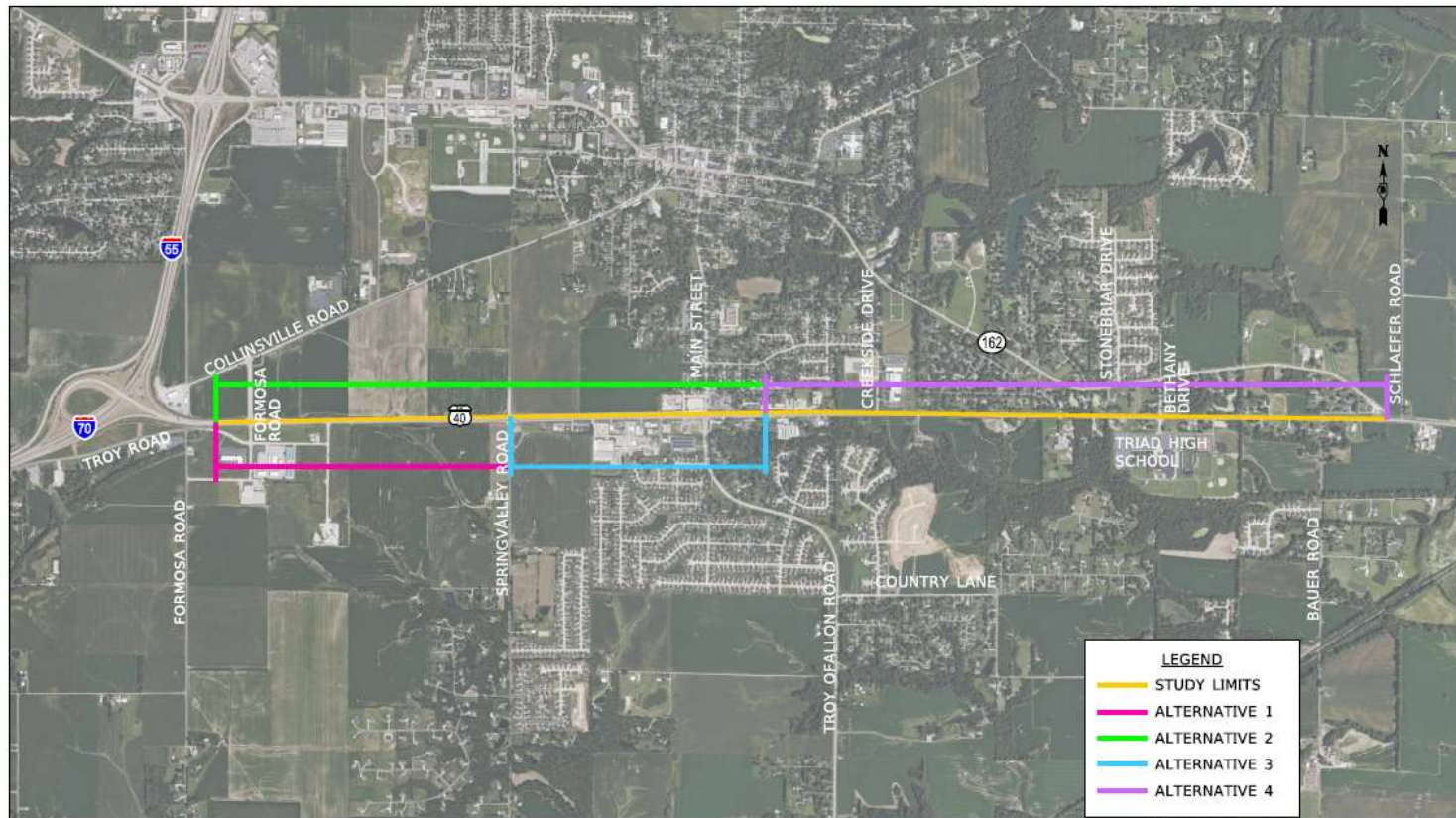
US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVES

ALTERNATIVE TYPICAL SECTIONS MAP

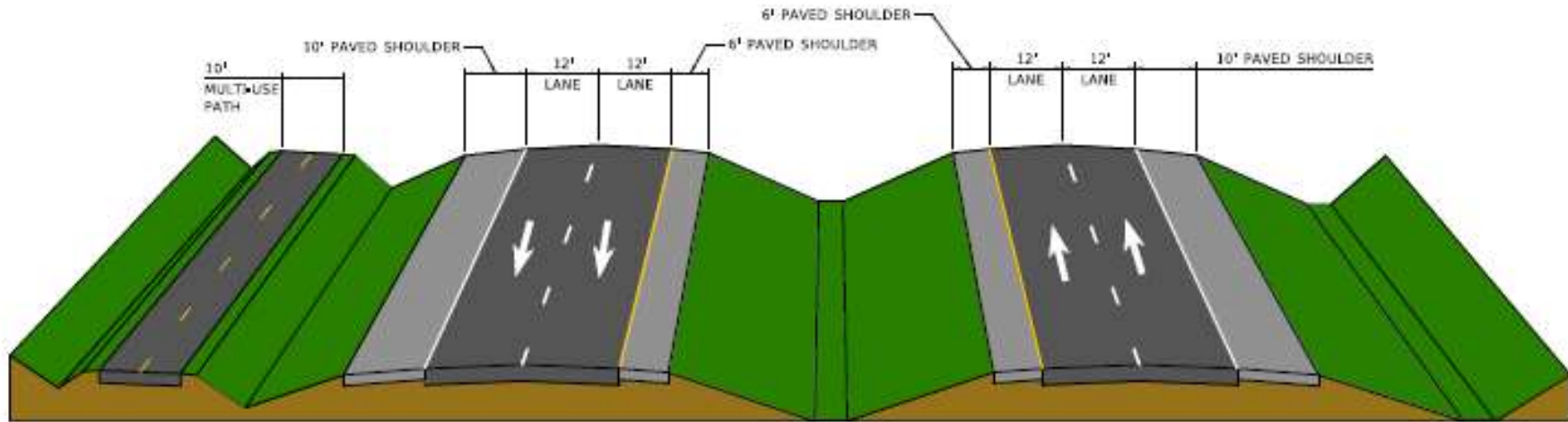




US ROUTE 40

Formosa Road to IL Route 162
PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVE ANALYSIS



ALTERNATIVE 1
FORMOSA ROAD TO SPRINGVALLEY ROAD



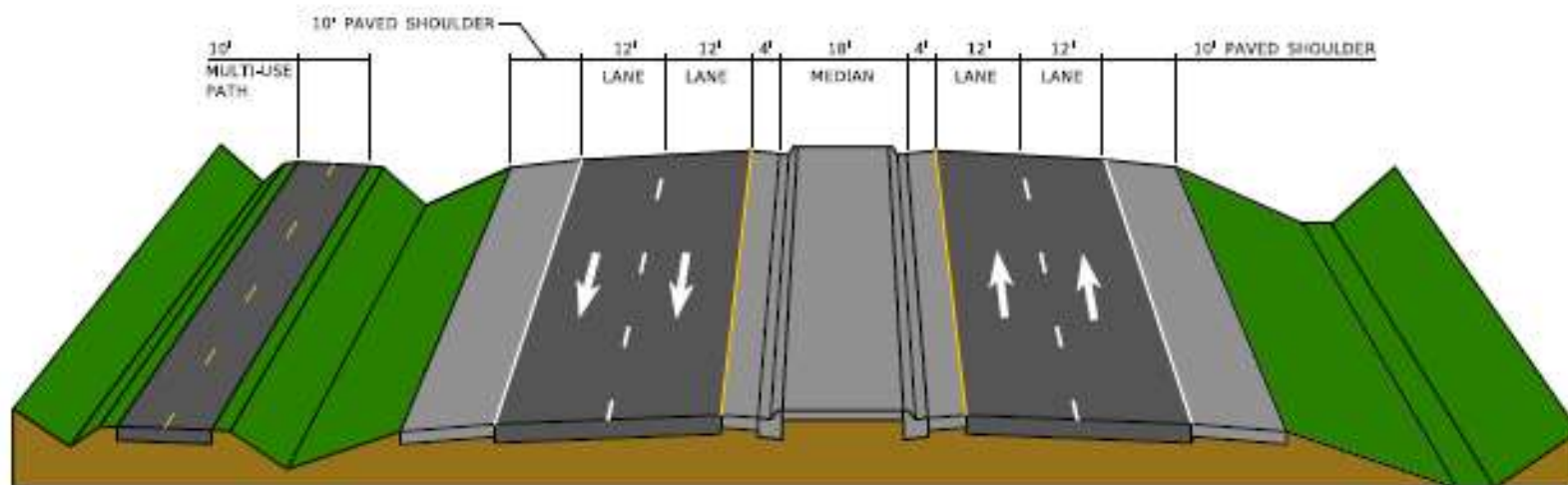


US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVE ANALYSIS



ALTERNATIVE 2
FORMOSA ROAD TO EAST OF TROY-O'FALL ROAD/MAIN STREET



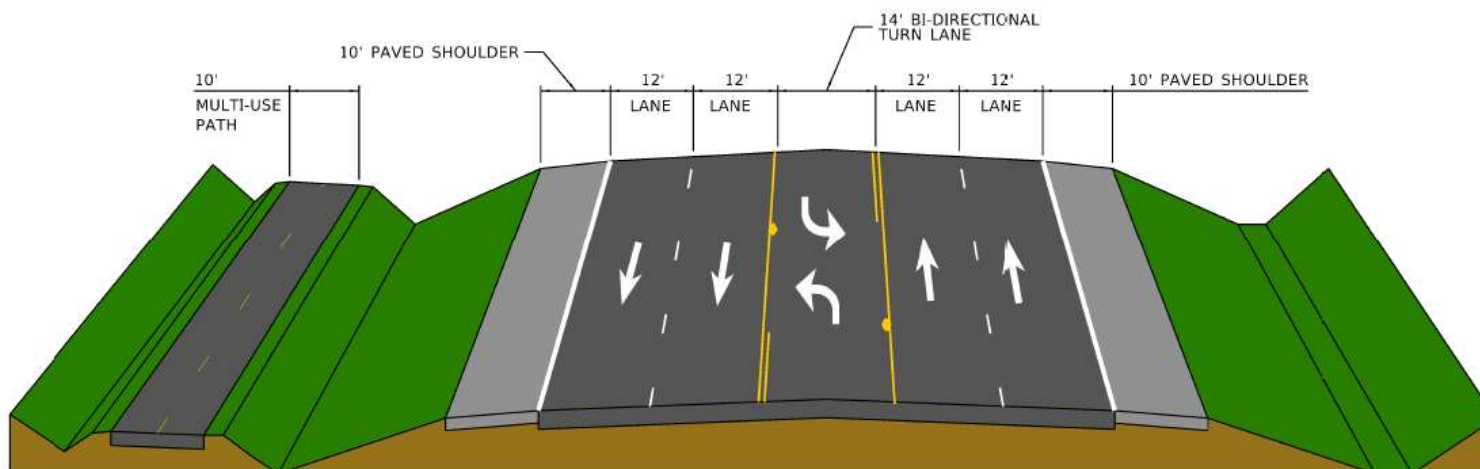


US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVE ANALYSIS



ALTERNATIVE 3

EAST OF SPRINGVALLEY ROAD TO EAST OF TROY/O'FALLON ROAD/MAIN STREET



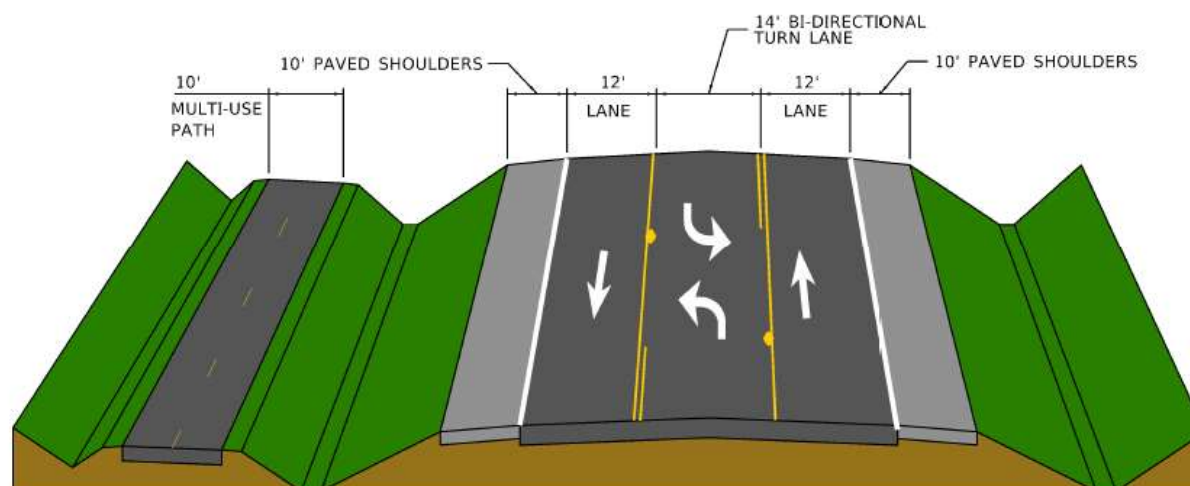


US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVE ANALYSIS



ALTERNATIVE 4

EAST OF TROY/O'FALLON ROAD/MAIN STREET TO IL ROUTE 162





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

US ROUTE 40 ROADWAY ALTERNATIVE EXERCISE

- ◆ Use the transparencies on each table to see the impacts of the typical on the existing corridor
- ◆ Move the transparency along the corridor
- ◆ Rotate through the tables to assess each segment of roadway
- ◆ Have someone in each group note pros and cons of the alternative





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

DISCUSSION

- ◆ Let's take an opportunity to discuss the different typical sections and what we think works and doesn't work for each one.
- ◆ Are there any concerns with a certain typical section?
- ◆ What happens to the LOS if certain improvements are made?



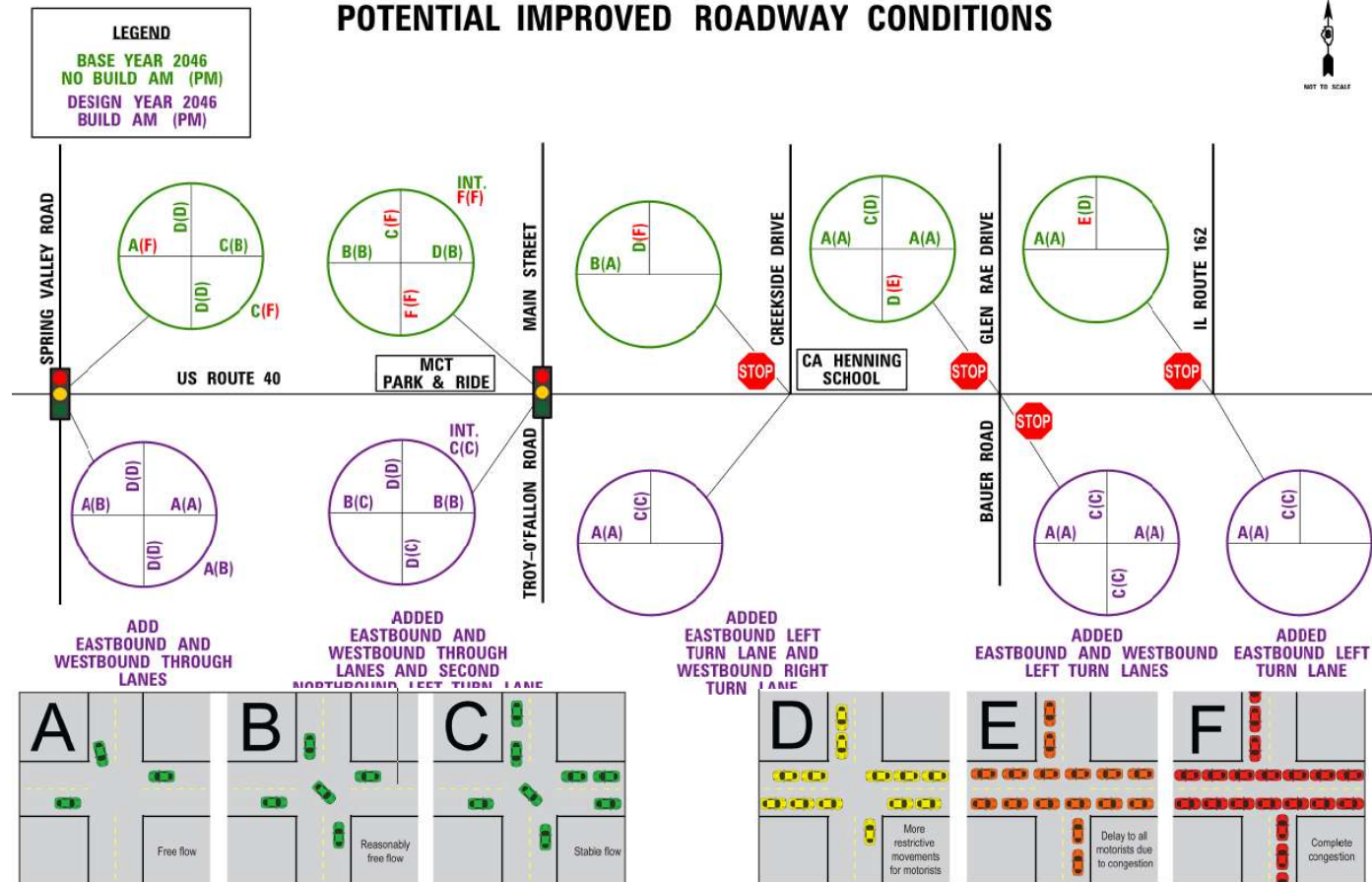
US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

LEVEL OF SERVICE US ROUTE 40

COMPARISON OF 2046 EXISTING CONDITIONS VERSUS POTENTIAL IMPROVED ROADWAY CONDITIONS





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

MEETING SUMMARY & NEXT STEPS

- ◆ Summary
- ◆ Next Public Involvement Meeting: Early Summer
- ◆ Next CAG Meeting
 - ◆ Evaluate alternatives and impacts
 - ◆ Determine a preferred alternative
- ◆ Contact Sarah Wiskon from IDOT
 - ◆ Email: sarah.wiskon@illinois.gov
 - ◆ Phone: 618-346-3309





US ROUTE 40

Formosa Road to IL Route 162

PRELIMINARY ENGINEERING STUDY

***THANK YOU FOR
YOUR ATTENDANCE***

