

I-465 SE Transportation Systems Management Operations Project

Virtual Public Information Meeting December 15, 2020

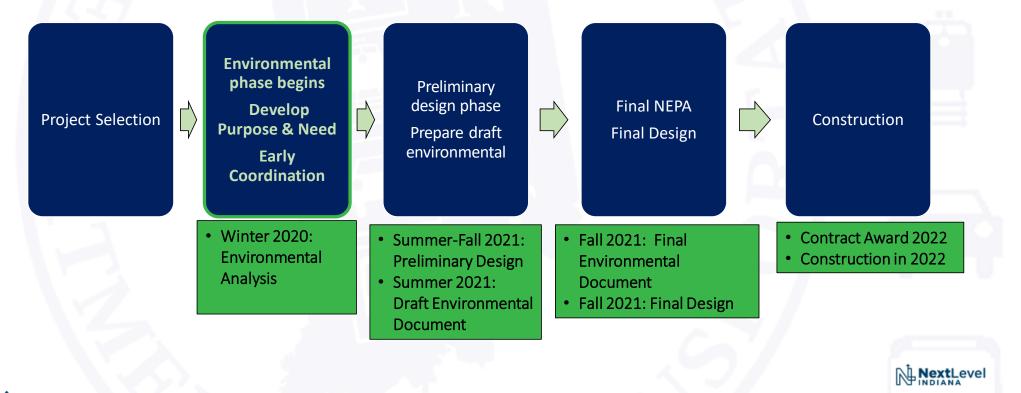
# Virtual Public Information Meeting Welcome

- Introductions of Project Team
- Presentation at 1:00 p.m. and repeat at 6:00 p.m.
- Project website: <a href="https://www.in.gov/indot/4147.htm">https://www.in.gov/indot/4147.htm</a>



### Project Development

#### Categorical Exclusion – Level 4 (CE-4) Project



# Purpose of the Virtual Public Information Meeting

### Stakeholders:

- Opportunity to provide input throughout the Environmental Process
- Discuss key issues
- Promote collaboration
- Build understanding and support throughout the project



### **Project Stakeholders**

- Indiana Department of Transportation
- Federal Highway Administration, Indiana Division
- Elected & Local officials
- Residents
- Businesses

- Emergency services
- Schools
- Transit
- Religious Institutions
- Community Organizations



# Project Location

MERIDIAN-KESSLER LAWRENCE PROJECT LIMITS WARREN PARK 40 INDIANAPOLIS 52 65 **BEECH GROVE** ITERSTATES & HIGHWAYS SERVICE INTERCHANGE 65 I-465 SE TSMO Project PARSONS

### **Project Purpose**

- Needs: Safety and congestion issues in the corridor; results in high crash rates during peak periods.
- Purpose: Analyze and implement appropriate Transportation Systems Management Operation strategies to address congestion and increase safety.





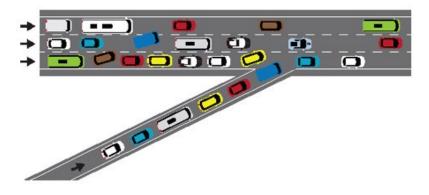
#### Transportation System Management Operations (TSMO)

- TSMO is a set of strategies that focus on operation improvements
- Goal is to get the most performance out of a transportation facility
- Benefits:
  - Smoother and more reliable traffic flow
  - Reduce congestion and improve safety
  - More efficient use of resources (facility and funding)



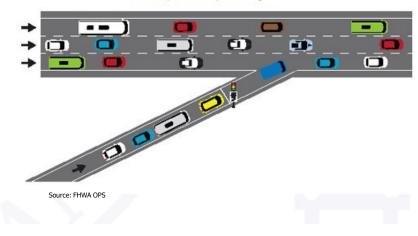
### **Ramp Metering**

- Ramp meters are traffic signals installed on freeway on-ramps
- Cost effective freeway management strategy
- Control the number of motorists entering the I-465 highway to allow safer merging



Freeway Without Ramp Metering

Freeway With Ramp Metering



Video of Ramp Metering (video posted on Project page)

## Variable Speed Limit System

- VSL system would be used for congestion-based active traffic management
- VSL system would provide smoother traffic flow and less delay



- System would change the speed limit in real time
- VSL systems have been used in the U.S. for over 50 years

# Recommended Alternative





# **Project Schedule**

- Environmental document released for public involvement Winter 2020/2021
- Preliminary Design Summer/Fall 2021
- Finalize environmental document Fall 2021
- Final Design-2021
- Award Contract –2022
- Construction 2022

### **Next Steps**

- Public and project stakeholder input
  - Information on website <u>https://www.in.gov/indot/4147.htm</u>
- Preliminary design and Environmental process
- Communicate a decision
  - INDOT will notify project stakeholders as the project proceeds planning and design
  - Work through local media, social media outlets, and legal notice



### Thank You

• Questions or comments:

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Please mention "I-465 SE TSMO Project" in your comments.