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May 20, 2011

## Project Working Group Meeting#4

# Agenda



- Draft Purpose and Need Discussion
- Alternatives Workshop
- Next Steps





# Draft Purpose and Need

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# Purpose & Need – What Is It?



- The foundation for the identification and evaluation of Project Alternatives
  - How does a proposed solution address the **PURPOSE** of the project?
  - How does a proposed solution address the **NEED** for improvements?
- Incorporates technical analysis and public involvement input

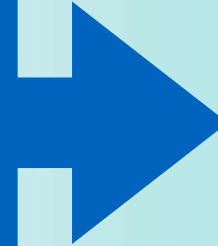


# Development of Draft Purpose & Need



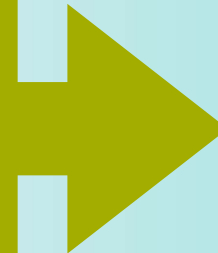
## STAKEHOLDER INPUT

- PWG, Public and Stakeholder Meetings
- Submitted Comments
- Problem Statement



## TECHNICAL ANALYSIS

- Data Collected
- Crash Data Analysis
- Traffic Data Analysis
- Deficiencies Analysis



**PROJECT  
PURPOSE  
AND  
NEED**

**PUBLIC AND AGENCY COORDINATION**



*Subject to FHWA review and approval*



# Draft Purpose and Need: Highlights



## Identified Needs:

- Improve regional and local travel and access
  - Historic and projected population growth trends
  - Traffic capacity analysis
  - Accommodate multi-modal connections
- Improve safety for all users
  - Address high frequency of rear-end and sideswipe crashes



# Draft Purpose and Need: Highlights (continued)



## Identified Needs:

- Improve facility condition and design
  - 50 - 60 years old
  - Horizontal alignment near Des Plaines River Bridge
  - Vertical clearances at existing grade separations
  - Interchange geometrics
  - Address high truck traffic volumes





# Alternatives Workshop

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## Group Exercise

- Conduct at tables with aerials
- Use as reference:
  - Problem Statement
  - Existing Conditions and Deficiencies
  - Draft Purpose and Need
  - Tool Box Brochure
  - Example Interchange Layouts



## Group Exercise

- Each table reviews all corridor segments
  - Summarize recommendations as a table for each segment
  - Report back to overall PWG
- 

# Alternatives Workshop





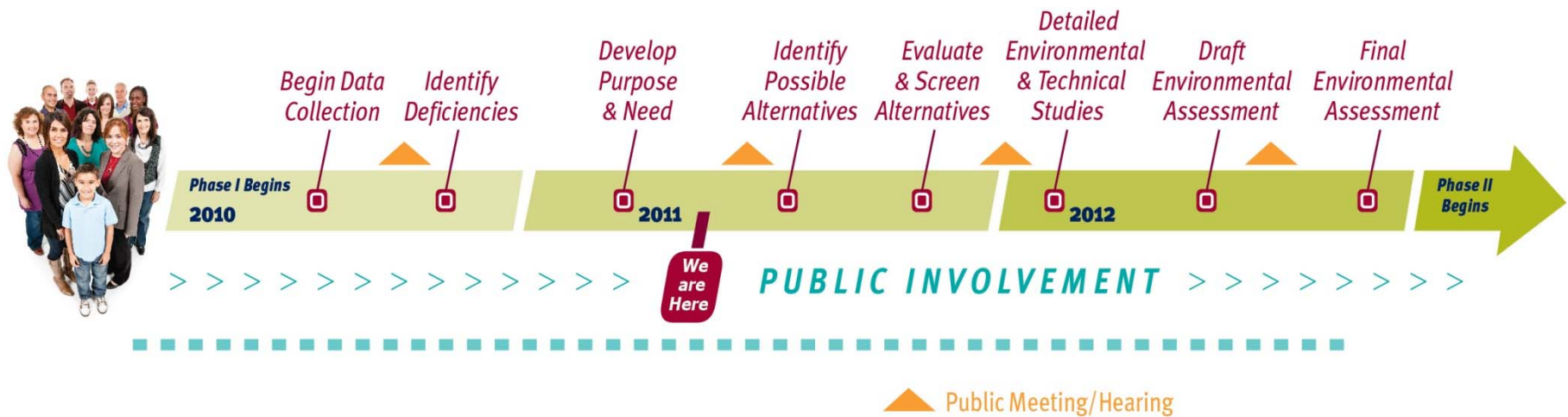
# Next Steps

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# Next Steps



- Public Meeting #2 (June 2011)
- Refine Purpose and Need
- Alternatives Development



***THANK YOU!***

**Questions??**

