



## Business Meeting May 13, 2014



Today's presentation given by:  
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WisDOT Southwest Region



# Presentation Outline

- Study Purpose and Need
- Alternative Concepts
- WisDOT Recommended Alternative
- Study Schedule
- Questions





**US 51, Madison – DeForest,  
Voges Road – WIS 19  
Dane County  
Project ID 5410-05-00**

**STUDY LIMITS**

# Study Purpose and Need

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- Improve safety
- Reduce congestion
- Improve bicycle, pedestrian, and transit facilities
- Reduce diversion to neighborhood streets
- Support economic development



# Traffic Safety and Operations

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- Crashes from 2008 to 2012
  - 1,909 crashes (over 7 per week)
  - 595 crashes with injuries (over 2 per week)
  - 9 fatalities
- Current Traffic Operations Conditions
  - Peak hour delays increasing
  - Long backups at signalized intersections
- Operations by 2040
  - Failing throughout corridor
  - Dane County population anticipated to increase by over 100,000 people in the next 20 – 25 years
  - Planned development in and around corridor will add traffic



# Alternative Concepts

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- No Build
  - Maintenance of existing roadway without expansion or reconfiguration
- Alt A – Low Build w/ Capacity Expansion
  - Keeps most existing intersections at grade
- Alt B – Enhanced Expressway
  - Adds interchanges at intersections with high crash rates and major traffic delay
- Alt C – Freeway Conversion
  - Provides a free flow movement for traffic through the corridor

***Preferred alternative could be a  
Combination of alternatives***



# Proposed Recommended Alt

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- Combination of Alternatives A, B, & C
- Best addresses safety and congestion issues taking into accounts environmental impacts and projected cost
- May change based on input from the public, municipalities, and resource agencies



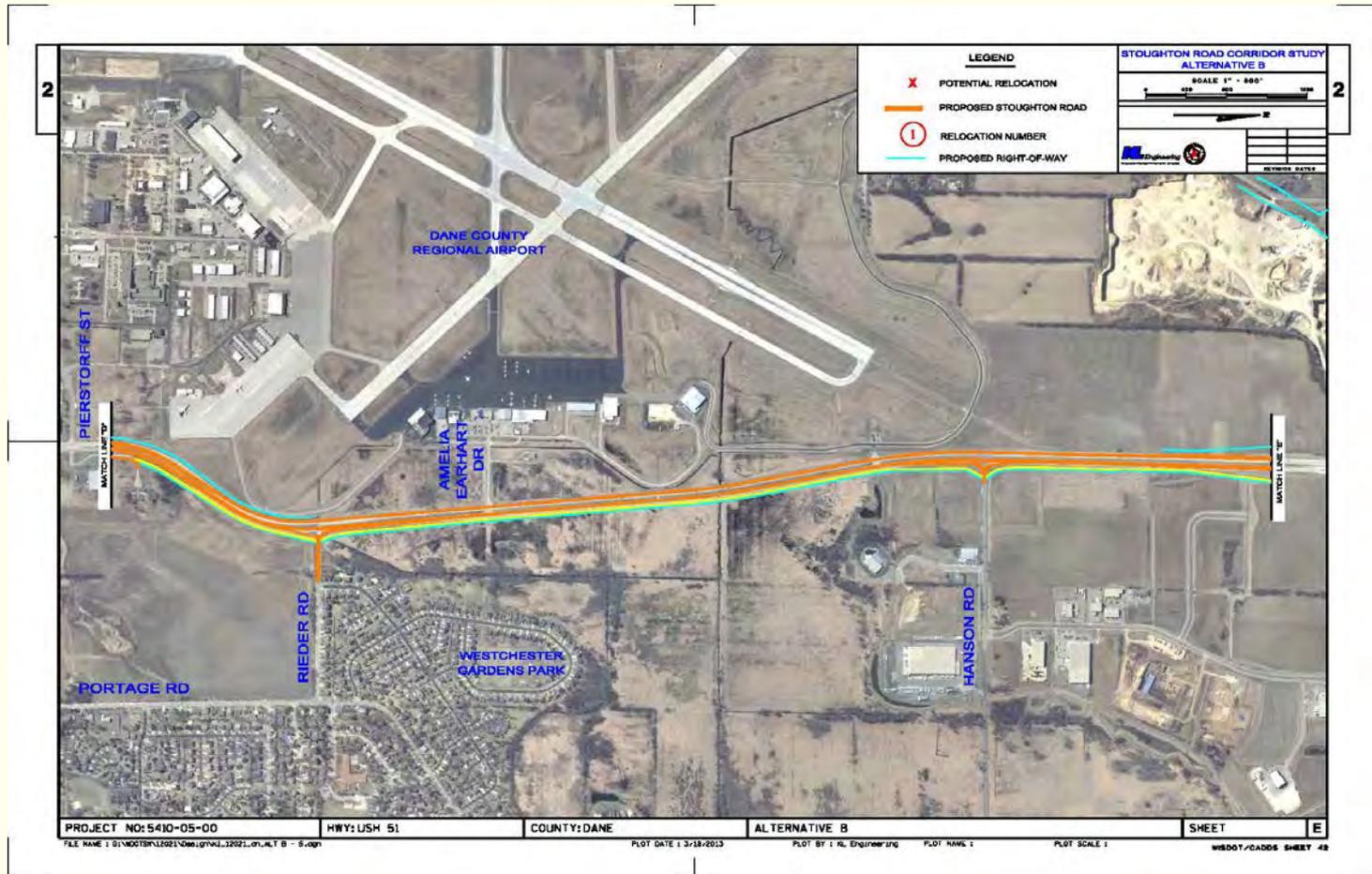
# Proposed Recommended Alternative

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## Pierstorff to Hanson



# Pierstorff to Hanson – Alt B



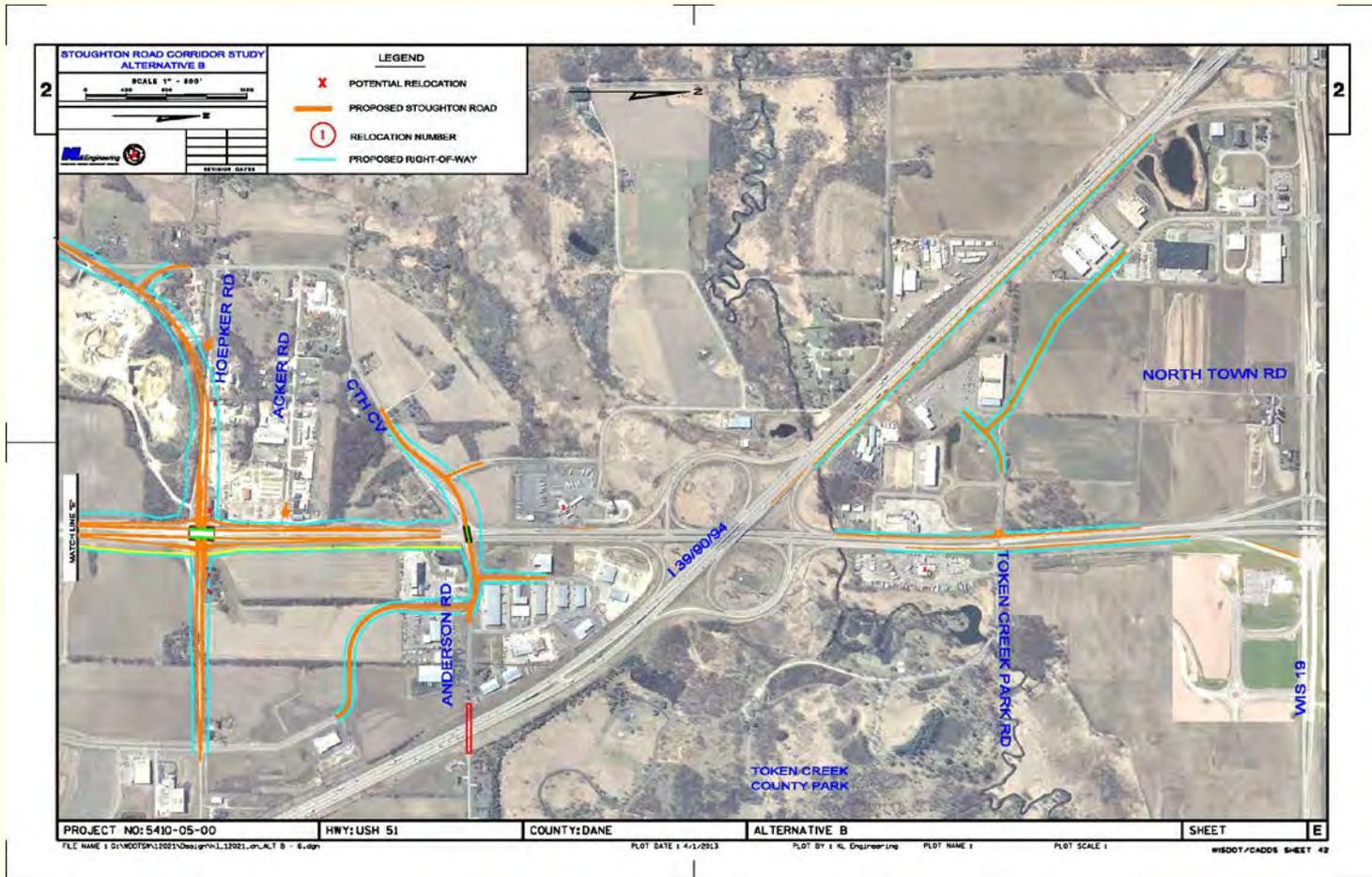
# Proposed Recommended Alternative

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## Hoepker to WIS 19



# Hoepker to WIS 19 – Alt B



# Bicycle / Pedestrian Facilities

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- On-road as appropriate
- Upgrade crossings and parallel roadways
- Off Road Multi-Use Paths
  - Broadway – Pflaum Road
  - Pflaum Road – Buckeye Road
  - East Washington – Kinsman Road
  - Pierstorff Street – Anderson Road
- Overpasses/Underpasses
  - Tompkins Drive
  - Portland Parkway (reconstruct)
  - WIS 30
  - Ziegler Road (over WIS 30)
  - Larson Court
  - East Washington Avenue
  - Anderson Road (over I-39/90/94)



# Estimated Project Costs

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- Year 2013 \$ construction and real estate costs estimated
  - Alternative A \$200 - \$230 Million
  - Alternative B \$550 - \$630 Million
  - Alternative C \$700 - \$810 Million
  - Recommended \$300 - \$350 Million
  
- Planning Level Estimates



# Funding and Scheduling

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- Currently no funding allocated for final design or construction
- Funding would be from Majors Program (administered by TPC)
  - Statewide program
  - WisDOT prioritizes and submits to TPC
  - TPC recommends to Legislature and Governor
- If funding is approved, WisDOT can:
  - Begin final design
  - Prioritize phases or sections for most effective order of construction
  - Schedule project as appropriate



# US 51 Stoughton Road Schedule

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- Publish Draft EIS – September 2014
- Public Hearing – October 2014
- Select Preferred Alternative – November 2014
- Public Meeting #3 – January 2015
- Final EIS – April 2015
- Record of Decision - July 2015



# QUESTIONS?



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**Study Website:**

**<http://www1.wisconsin.gov/Pages/projects/by-region/sw/51/default.aspx>**