

US 31 Corridor Study

CAC Meeting #1

Tuesday, January 24, 2017



Agenda

- Introductions & Welcome
- Project Team Overview
- Purpose of Study
- Project Approach
- Overview of Intersections
- Overview of Potential Solutions
- Group Discussion & Report Out
- Next Steps



Contact Info

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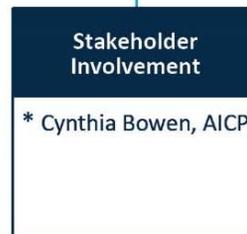
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Team Organization



Roy Nunnally
Jay Mitchell



CHA Consulting, Inc



Convergence Design



WSP Parsons Brinkerhoff



Rundell Ernstberger Associates, Inc.



Purpose of the Study

The overall purpose of the US31 Corridor study is to investigate various options for the short and long term maintenance and enhancement of US31. The study will address the following:

- Stakeholder Input
- Safety & Mobility
- Economic Development & Logistics Potential
- Traffic Carrying Capacity
- Access Management
- Short-Term Improvement Plan
- Long-Term Improvement Plan
- Environmental Red Flag Survey
- Utility Identification



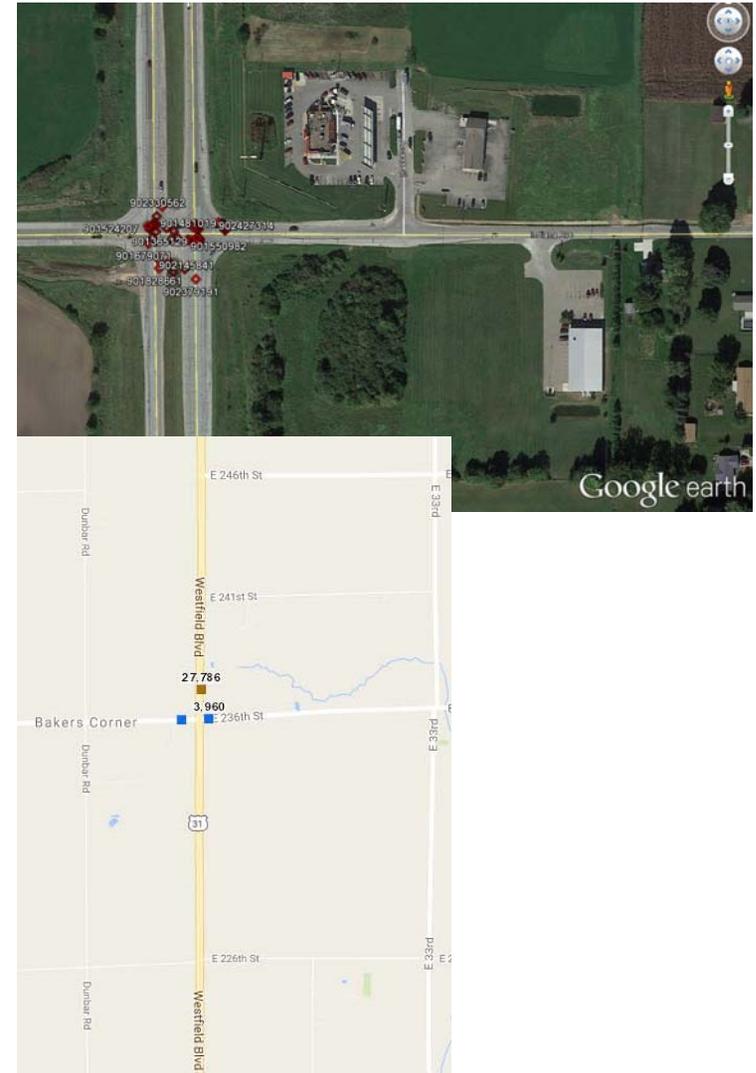
Project Approach

1. Develop Corridor Planning Study Work Plan
2. Inventory Existing Conditions & Prepare Existing Conditions Report
3. Analyze Present & Future Travel Demand and System Performance
4. Develop Statement of Essential Transportation Problems; Identify Goals & Objectives
5. Identify Improvement Alternatives
6. Analysis Alternatives & Identify Feasible Alternatives
7. Prepare Corridor Planning Study Final Report



Existing Conditions Report

- Data for Future Analysis
 - Existing Traffic Volumes / Operations
 - Crash Locations / Severity
 - Generalized Land Uses / Key Users
 - Environmentally Sensitive Areas
 - Major Utility Crossings



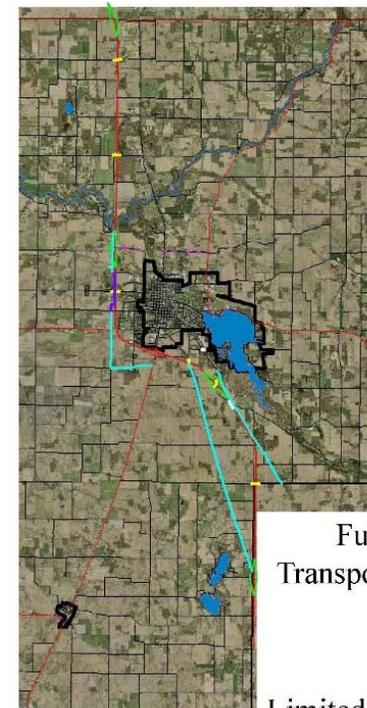
Existing Conditions Report

- Existing Studies / Plans
 - County Comprehensive & Thoroughfare Plans
 - US 31 Economic Impact Study (US 31 Coalition)
 - Statewide Travel Demand Model (INDOT)
 - Major Highway Management Plan (INDOT)
 - Long Range Plan (INDOT)
 - Programmed Roadway Improvements (INDOT)

U.S. 31 Corridor
Economic
Impact Analysis

Presented to the:

U.S. 31 Coalition



Fulton County
Transportation Planning
Study

U.S. 31
Limited-Access Highway



16 Existing Signals / Flashers

Signal Removals will be prioritized based on overall need.

Evaluation Criteria Will Consist of:

- Construction Cost
- Land Acquisition Cost
- Safety (crashes)
- Benefit / Cost Analysis
- Interchange / Intersection Type
- Utility Concerns
- Environmental Concerns
- Operational Analysis

Criteria will be weighted based on stakeholder input





No-Build



System Flyover



Tight Diamond



Superstreet



Partial Cloverleaf



Single Point

Many of the existing signals/flashing beacons will be replaced.
Potential Interchange/Intersection Types to be Evaluated:

- No-Build
- J-Turn
- Tight Diamond
- Folded Diamond
- Partial Cloverleaf
- Continuous Green T
- Superstreet
- System Flyover
- Diverging Diamond
- Single Point

Evaluations will be based on:

- Adjacent Economic Development (Existing / Potential)
- Existing Geometry
- Existing Topography
- Operations
- Cost



Diverging Diamond



Folded Diamond



Continuous Green T



J-Turn



US 31 Corridor Study

KEY ISSUES DISCUSSION



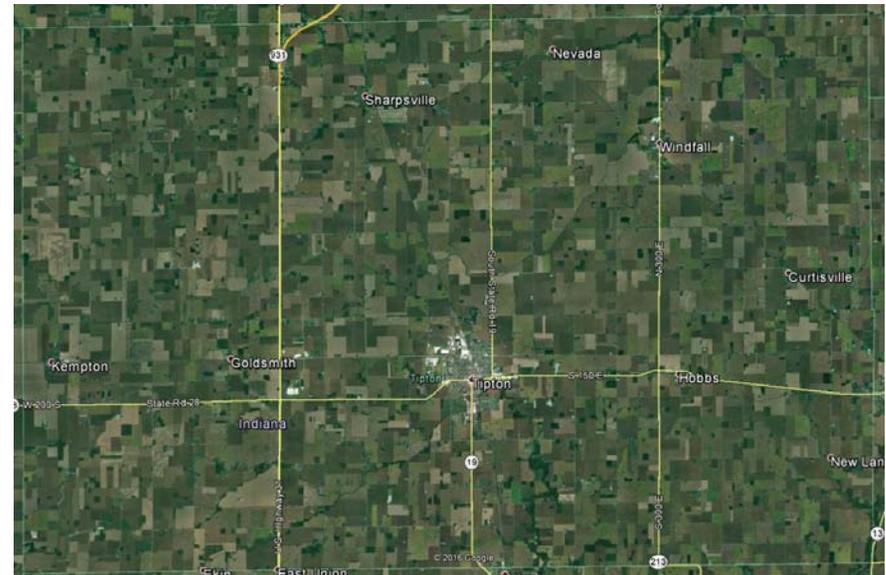
Discussion Ground Rules

- Be Respectful – we are going to hear a lot of differing opinions.
- Speak Up – We want to hear what you have to say.
- Think Big – this is about the future of the corridor.



Instructions

- Break Out into Groups of 10 based on County
 - If there are more than 10 at your table for your County, we will split you up into multiple tables
- Select a “scribe” and a “reporter” – can’t be the same person
- Discuss the questions with your INDOT/Consultant lead
- After discussion, report out to the larger group



US 31 Corridor Study

KEY ISSUES REPORT OUT



Next Steps/Tentative Schedule

CAC Meeting 1:	January 24, 2017
Existing Conditions Report:	February, 2017
Problem-Analysis Report:	July, 2017
CAC Meeting 2:	TBD
Initial Draft:	October, 2017
CAC Meeting 3:	TBD
Final Report:	January 2018



THANK YOU!

Questions & Answers??

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NOTICE

US 31 Corridor Study
CAC Meeting Scheduled
for

January 24, 2017 at 1:30 PM to 3:30 PM

At

Milestone Event Center
1458 Liberator Road Peru, Indiana 46970

