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RUSSELL ROAD TO SUNSET AVENUE

# Public Meeting #2

December 2, 2009



# Meeting Purpose

- Present Purpose and Need
- Obtain input on Transportation Deficiencies and Needs of the Project
- Review Project
- Show Project Accomplishments

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# Project Study Team



U.S. Department of Transportation  
Federal Highway Administration



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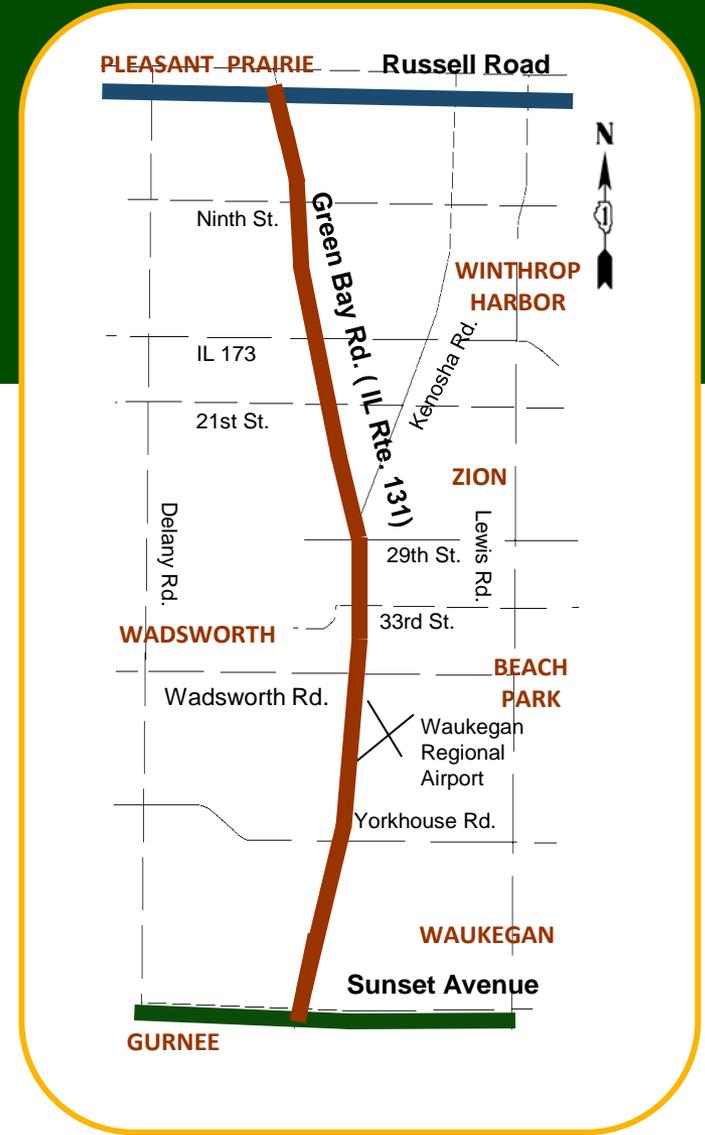


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# Project Overview

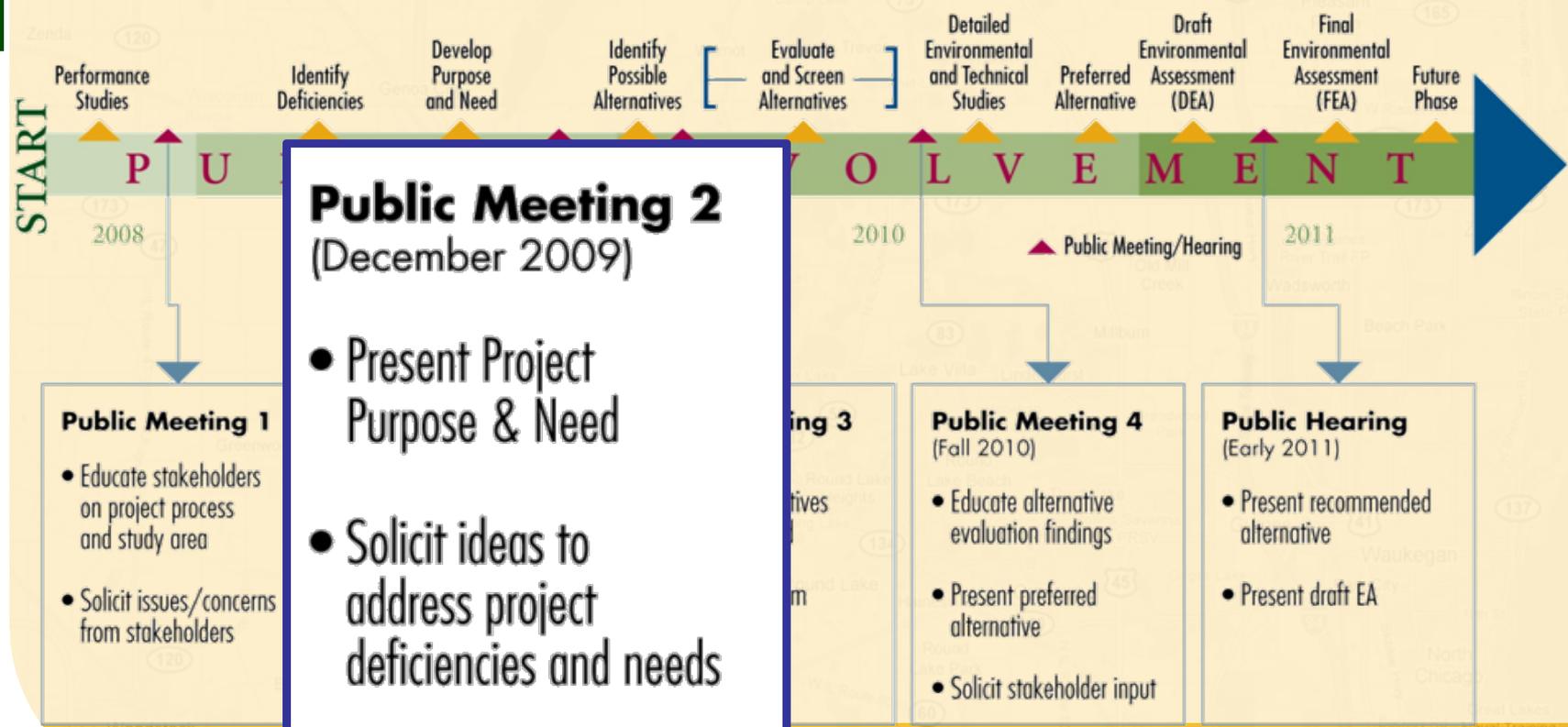
- The Illinois Route 131 Phase I Study began in Spring 2008
- Project Limits: Russell Road to Sunset Avenue
- Transportation, safety, and other needs of the project area will be studied



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# Project Schedule



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# Federal Process

All IDOT projects follow the National Environmental Policy Act (NEPA) Process.

This requires us to:

- Analyze Existing & Future Conditions
- Define Purpose & Need
- Identify Alternatives that avoid or minimize adverse impacts

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# What is CSS?

- Collaborative Approach
- Involves all Stakeholders
- Fits into its Surroundings
- Preserves Scenic, Aesthetic, Historic & Environmental Resources
- Maintain Safety & Mobility



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# Consensus

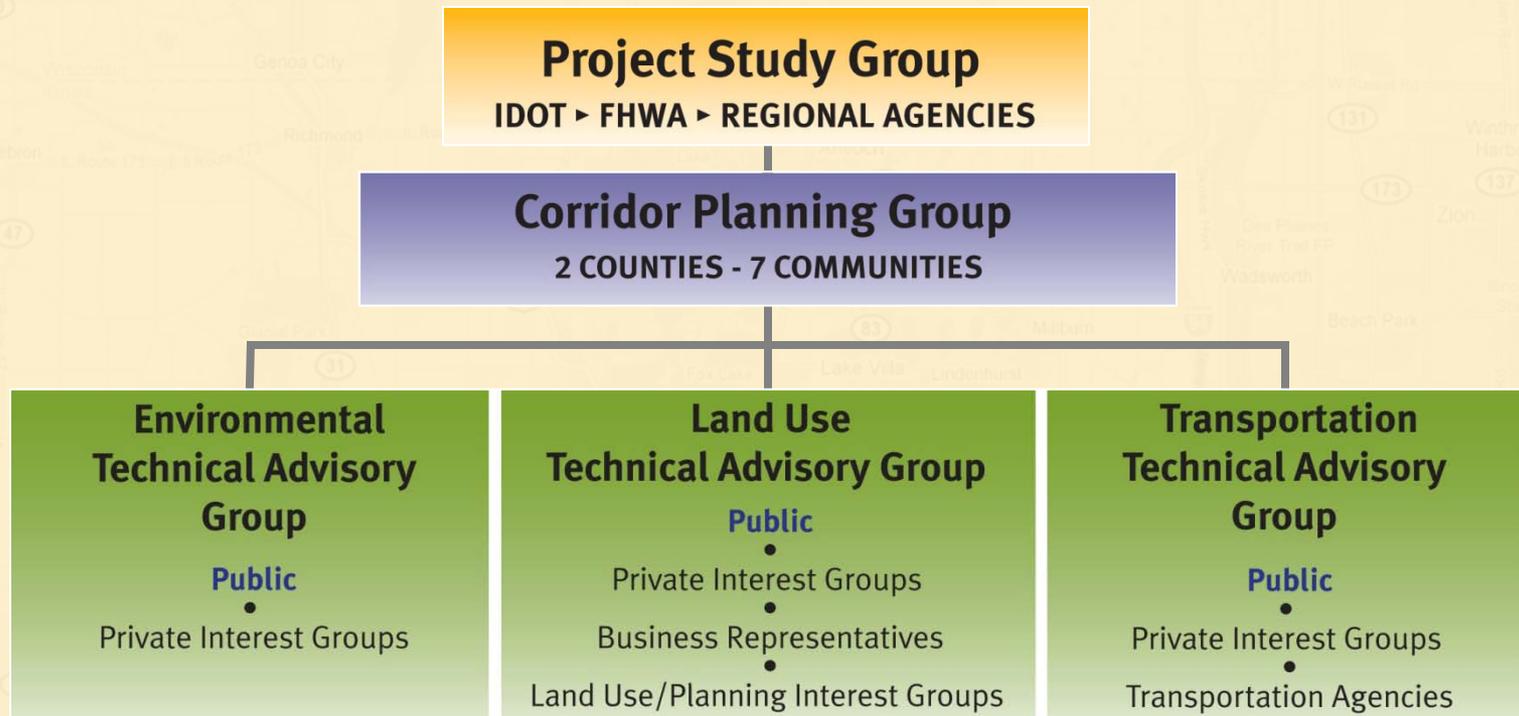
- Goal is to achieve consensus
- Consensus is defined as:



“ When a majority of the stakeholders agree on a particular issue, while the remainder of stakeholders agrees its input has been heard and duly considered and that the process as a whole was fair. ”



# Project Working Groups



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# Where Have We Been?

- **Public Meeting #1:  
October 29, 2008**
- **Data Collection**
- **Agency Meetings**
- **Two Corridor Planning Group and  
Technical Advisory Group Meetings:  
July 15, 2009 and October 19, 2009**



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Community  
Involvement

- Transportation Issues
- Problem Statement

*Purpose & Need*

*Concept Alternatives*

Preferred Alternative

Agency  
Input



# Stakeholder Input

## Top Stakeholder Issues and Concerns

- **Safety**
- **Travel Delays**
- **Lack of Bicycle and Pedestrian Access**
- **Environmental Concerns**
- **Economic Development**



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# Stakeholder Input

## Project Goals

- **Improve safety for motorists, bicyclists, and pedestrians**
- **Improve mobility (capacity and efficiency)**
- **Coordinate with planned land uses and area developments**
- **Facilitate economic growth along the route**
- **Minimize impacts to the surrounding environment**

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# Problem Statement

***Regional growth and travel demand on Illinois Route 131 from Russell Road to Sunset Avenue are creating safety and operational deficiencies along the roadway and at its intersections. The insufficient capacity of the roadway to handle the demand creates congestion, hampers intersection operations, limits safe access of adjacent properties, and leads to safety issues for motorists, pedestrians, and bicyclists. Both pedestrian access to adjacent land uses and bicycle accessibility through and across the corridor are limited.***

***Solutions to these transportation deficiencies must be developed while minimizing impacts to the surrounding environment. The solutions should also consider the communities' efforts to coordinate land use and area developments, and facilitate economic growth along the route.***



# Corridor Deficiencies

## Safety

### Within Project Area From 2004 – 2007:

**803 Crashes**

**132 Injuries**

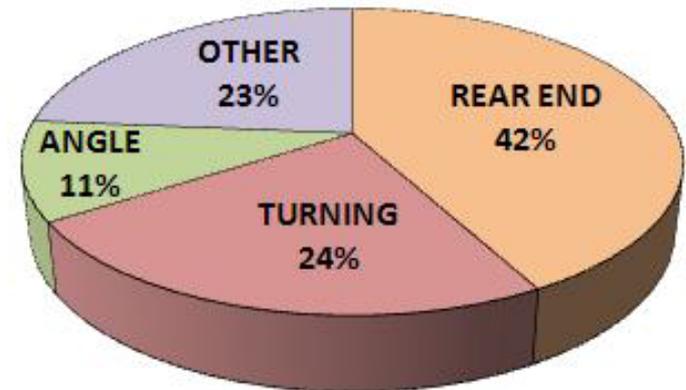
**3 Fatalities**

(LCDOT data)

### Other Safety Deficiencies:

- 5% Location North of 9<sup>th</sup> Street (0.25 miles)
- Deficient pedestrian / bicycle accommodations

### Crash Types, 2004-2007 IL Route 131 from Russell Road to Sunset Avenue



(LCDOT data)





# Corridor Deficiencies

## Capacity

### Traffic Volumes

Capacity of a Two-Lane Roadway:

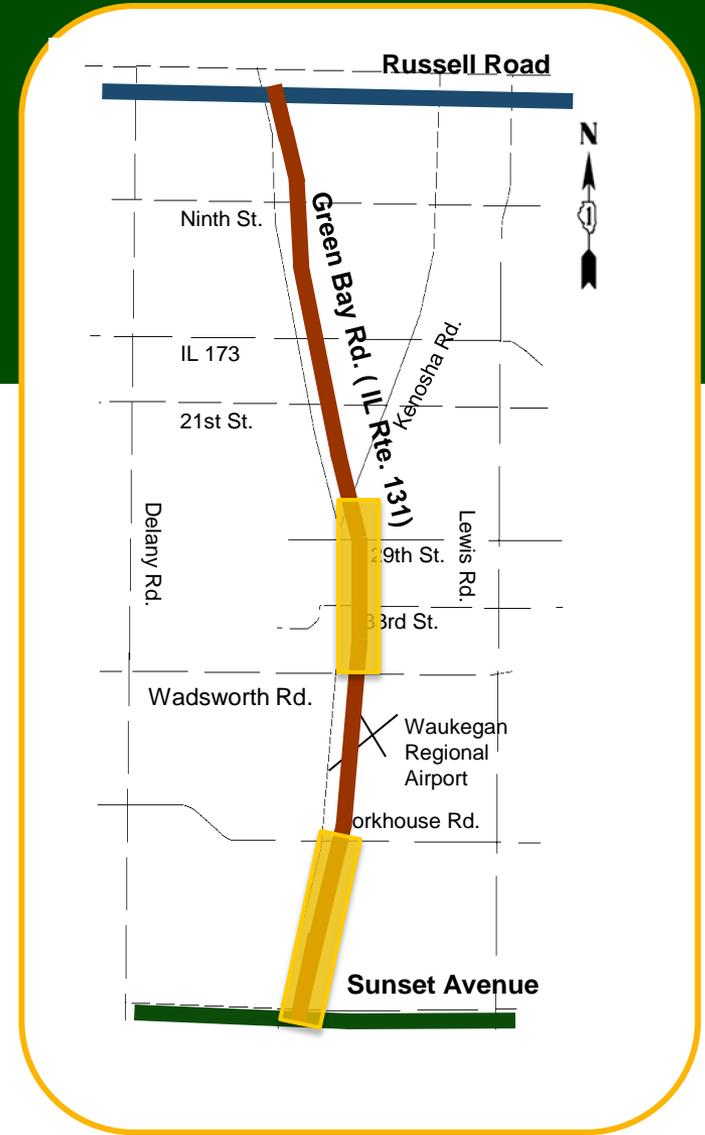
14,000 to 18,000 vehicles per day

#### Between Yorkhouse Road and Sunset Avenue:

- Currently = 23,100 vehicles per day
- Projected = 25,000 vehicles per day

#### Between Kenosha Road and Wadsworth Road:

- Currently = 16,400 vehicles per day
- Projected = 21,000 vehicles per day



# Corridor Deficiencies

## Capacity

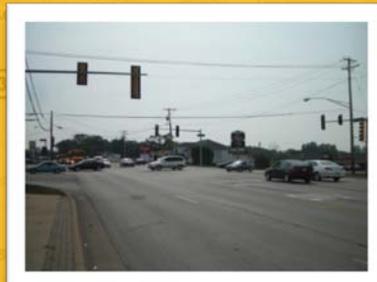
- Intersection capacity is measured using **Level of Service (LOS)**
  - Ratings A – F
    - ▢ **Sunset and Wadsworth**  
**Currently LOS "E"**
- The intersections highlighted are projected to operate at **LOS F** by the design year 2030.



# Corridor Deficiencies

## Operations / Mobility

- Skewed angle of Kenosha Road intersection
- Truck Traffic
- Lack of signalization and coordination
- Deteriorating pavement & shoulders



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# Potential Solutions

## Deficiencies:

**Long delays at intersections**

**Rear End Crashes**

**Turning Crashes**

**Conflicts at Unsignalized Intersections/Driveways**

## Solutions:

**Increase capacity, add through and turn lanes, re-time and coordinate signals**

**Increase capacity, add through and turn lanes**

**Add turn lanes, construct median, improve sight distance**

**Add turn lanes, construct median**





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# Draft Purpose & Need

## **Project Purpose:**

*The purpose of the Illinois Route 131 engineering study is to improve safety and functionality along Illinois Route 131 from Russell Road to Sunset Avenue. Improvements to this route are necessary to address issues of roadway and intersection capacity and efficiency; enhance vehicular, pedestrian, and bicycle accommodation and safety; and bring the roadway into compliance with current IDOT standards.*

## **Project Needs:**

*Improve Safety*

*Improve Capacity*

*Improve Operations and Mobility*

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# Stakeholder Input- Workshop #2

## Project Elements:

- *Number of Lanes*
- *Median Treatment*
- *Edge Treatment*
- *Pedestrian/Bicycle Accommodation*

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# Workshop #2 Results

## Overall Preference

**Number of Lanes**

**Median Treatment**

**Edge Treatment**

**Pedestrian/Bicycle  
Accommodations**

**Four Lanes - Divided**

**Wide Grass Median**

**Paved Shoulder  
with Curb & Gutter**

**Shared Use Path**

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# Workshop – How to Address the Deficiencies and Needs of the Project

## Identify Locations Needing:

- Roadway Realignment
- Dedicated Turn Lanes
- Sidewalks or Bike Paths, on or off road
- Traffic Signals
- Sensitive Resources
- Access Control



*Use the aerial maps in the workshop area to draw improvements that address the project needs.*



# Next Steps

## CPG/TAG Meeting #3 - Spring 2010

- Identify Alternatives based on Stakeholder Input

## Public Meeting #3 - Spring 2010

- Present Alternatives
- Solicit Input from Stakeholders





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# We Want to Hear From You

- [www.IL131Project.com](http://www.IL131Project.com)
- **Comment Forms**
- **Mail/Fax**

**Provide comments by December 18, 2009**

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**Thank you!**

Please visit the workshop area, meet with the Project Team, and provide your comments.

