PRESENT THE PROJECT LOCATION AND THE EXISTING CONDITIONS

PRESENT THE PURPOSE AND NEED FOR THIS IMPROVEMENT

PRESENT THE PROPOSED SCOPE OF WORK

PROVIDE AN OPPORTUNITY TO REVIEW AND COMMENT ON THE PROPOSED PROJECT PLANS

DISCUSS THE NEXT STEPS IN THE PROJECT DEVELOPMENT PROCESS

PUBLIC MEETING

ILLINOIS ROUTE 47 AT PLATO ROAD INTERSECTION IMPROVEMENT

Public Meeting

December 10, 2013
Illinois Route 47 at Plato Road
27 Reported Crashes (2006-2010)

Illinois Route 47 at Plato Road

5 (18.5%) Crashes with injuries

6 People were injured

0 Type A

2 Type B

4 Type C

6 (22%) Crashes on wet pavement

20 (74%) Crashes during daylight hours

Rear End Crashes

1 (4%) Sideswipe Same Direction & Turning (each) Crashes

8 (30%) Angle Crashes

EXISTING CONDITIONS - SAFETY

1 Fatality (2010) Type K

ILLINOIS ROUTE 47

PLATO ROAD

KENDALL ROAD
EXISTING CONDITIONS - TRAFFIC

Illinois Route 47 at Plato Road

EAST LEG: 3,400 VEHICLES PER DAY
320 (10.6% TRUCKS)

WEST LEG: 2,700 VEHICLES PER DAY
110 (4.1% TRUCKS)

5,600 VEHICLES PER DAY
925 (16.5% TRUCKS)
Project Purpose

• Improve Safety and Operations

Transportation Need

• Safety
  – Rear End and Angle Crashes
  – Injuries
  – Fatalities

• Operations
  – Travel Times
ALTERNATIVES CONSIDERED

- **No Build/Do Nothing**
  - Safety issues not addressed
- **Traffic Signal Installation**
  - Intersection delay will increase
- **Modern Roundabout**
  - Overall, not effective

Illinois Route 47 at Plato Road
PROPOSED SCOPE OF WORK

Illinois Route 47 at Plato Road

ALTERNATIVE 1: SIGNALIZED INTERSECTION

- Left turn lanes
- Paved shoulder
- Drainage Improvements
- Smoothing Profile
- Right-of-Way Needed
- Improved LOS
- $2.6 Million
- Speed limit remains 55mph
PROPOSED SCOPE OF WORK

ALTERNATIVE 2: MODERN ROUNDB outfits

- 6.0 Acres of ROW
- $2.8 Million Dollars
- Speed limit remains 55mph
# Alternative Comparison

**Illinois Route 47 at Plato Road**

<table>
<thead>
<tr>
<th></th>
<th>SIGNAL</th>
<th>ROUNDABOUT</th>
<th>NO BUILD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Right Of Way Impact</strong></td>
<td>5.2 Acres</td>
<td>6.0 Acres</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Level of Service</strong></td>
<td>A (AM) / A (PM)</td>
<td>B (AM) / B (PM)</td>
<td>C (AM) / C (PM)</td>
</tr>
<tr>
<td><strong>Opening Day</strong></td>
<td>± $2.6 M</td>
<td>± $2.8 M</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Safety Improved</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>Construction Traffic</strong></td>
<td>Staging and Detour</td>
<td>Staging and Detour</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Driver Familiarity</strong></td>
<td>Common in Illinois</td>
<td>New to Illinois</td>
<td>N/A</td>
</tr>
</tbody>
</table>
THANK YOU

Illinois Route 47 at Plato Road

- Please browse the exhibits
- Direct questions to the project staff
- Please fill out a comment form
- Comment period ends January 9, 2014

PUBLIC INFORMATION MEETING

Please use this comment form to provide input on the information presented tonight. Please discuss elements that you support as well as the elements you may disagree with. Your comments and opinions are an important part of this project. Comments can be returned via mail (address on reverse) or email DOT4747Plato@illinois.gov and must be received by January 9, 2014 to become part of the meeting record.

Name: ___________________________ Phone: (_____) ______________________
Address: ___________________________ Email: ____________________________
Number, Street, Apt. No.
City, State, Zip Code

Please check here if additional comments are listed on reverse.