

# Potential I-55 Improvements at Airport Road/Lockport Street and at IL Route 126/Essington Road

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Community Advisory Group

Meeting #5

May 10, 2016





# Introductions



## *CAG Members*





# Meeting Agenda

- Review CAG #4 Meeting
- Progress since CAG #4
- Present 5 Remaining Alternatives
- Round 3 Screening
- Review the Evaluation Criteria
- Next Steps and Tentative Schedule
- Open to Comments





# Phase I Study Process





# Project Schedule Presented at CAG #4

STUDY PROCESS BEGINS (OCTOBER 2010)

Context Inventory & Existing Conditions Analysis

- Project Introduction with Villages

PUBLIC INFORMATION MEETING

- CAG #1 - Inventory Project Context
- CAG #2 - Problem Statement

February 22, 2011

Alternative Development

- CAG #3 - Purpose & Need, Alternative Development
- CAG #4 - Evaluation Measures & Range of Alternatives

PUBLIC MEETING

January 2012

**CAG #4 Meeting**

~~June 2012~~

- CAG #5 - Present Feasible Alternatives & Further Evaluation Measures
- CAG #6 - Present Alternative Evaluation/Alternatives to be Carried Forward

~~Summer 2012~~

Preferred Alternative

PUBLIC MEETING

- CAG #7 - Comments on Preferred Alternative from PM

~~Spring 2013~~

PUBLIC HEARING

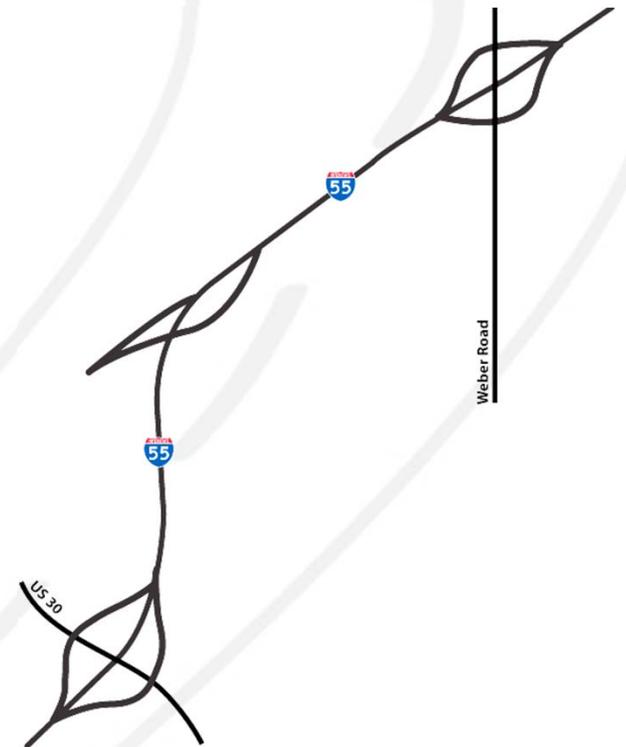
STUDY CONCLUDES - PREFERRED ALTERNATIVE GENERAL AGREEMENT (2014)





# CAG Meeting #4 Review

- All 27 Alternatives were Reviewed
- Outlined the Evaluation Process/Introduced the Fatal Flaw Analysis
- Applied the Fatal Flaw Analysis
- 13 Alternatives Remained for Evaluation





# Progress Following CAG #4

- Purpose and Need received concurrence from NEPA – July 2013
- Performed further screening evaluation
- 13 alternatives were evaluated – 3 remained for further evaluation
- Environmental Field Review Scheduled – October 2013
- Environmental Field Review postponed due to government shutdown





# Progress Continued

- Environmental Field Review rescheduled/conducted in May 2014
- Impacts to environmental resources are cited by the USACE and USFWS
- Led to a reconsideration of all 27 original alternatives

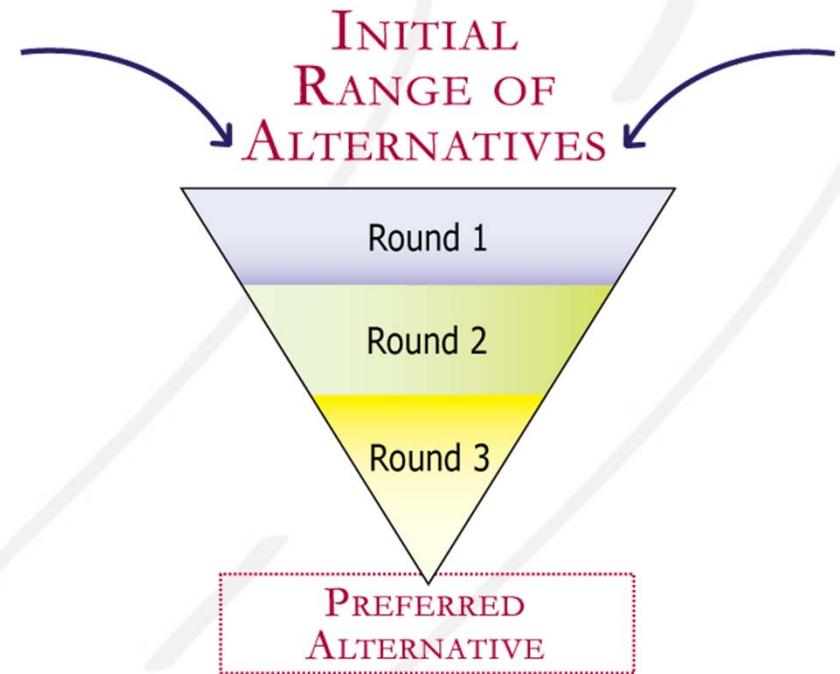




# Revised Screening Process

Round 1 Screening:  
Environmental and/or  
Engineering Obstacles

- 27 Alternatives were evaluated
- 14 Alternatives and the no-build remained





# Environmental and Engineering Obstacles

## Round 1 Screening: Environmental and/or Engineering Obstacles

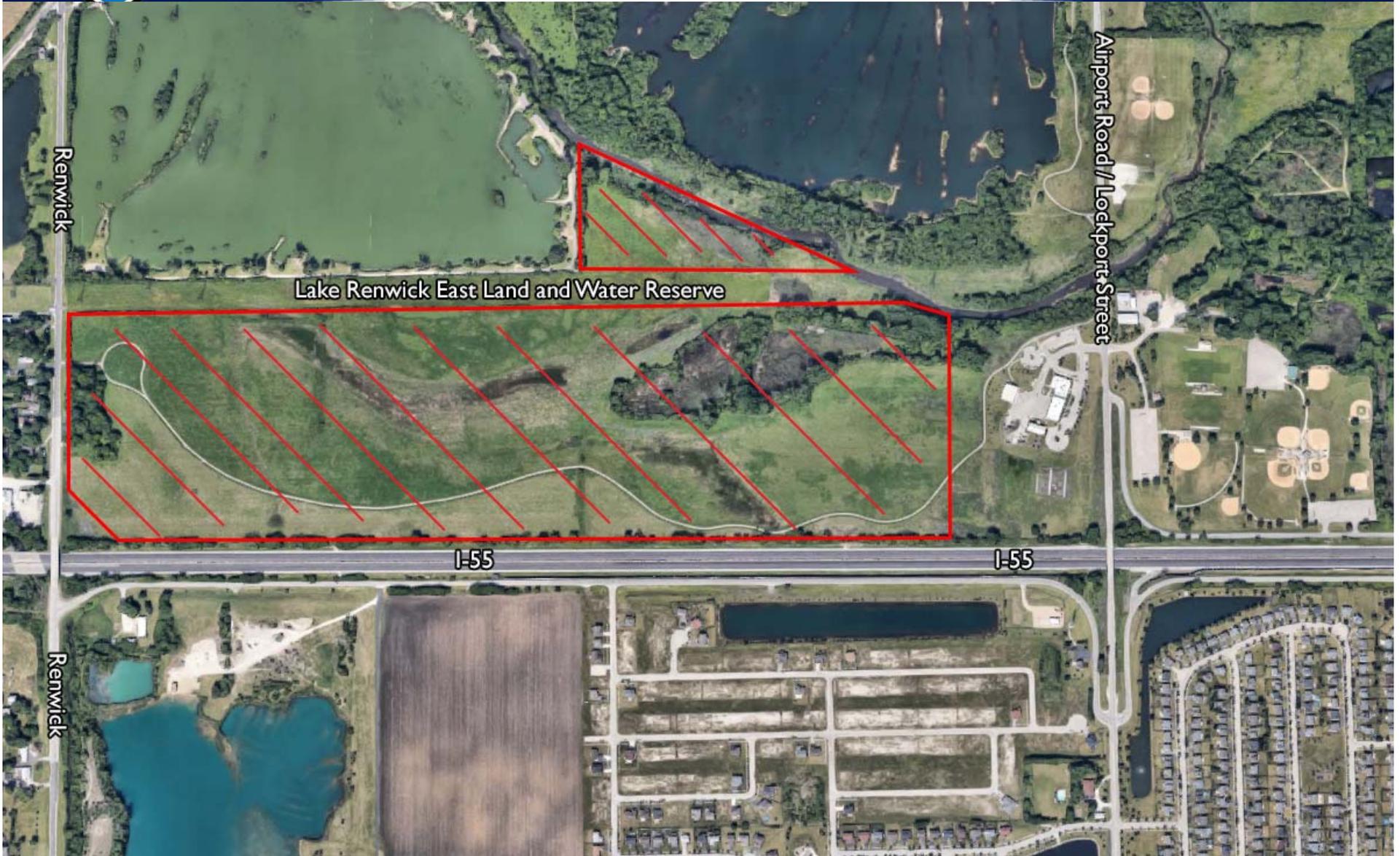
- Lake Renwick East Land and Water Reserve property (LWR)
- No paving, grading or altering natural water flow allowed on LWR unless imperative and unavoidable public necessity for public use

Environmental resource agencies concurred





# Lake Renwick East Land and Water Reserve

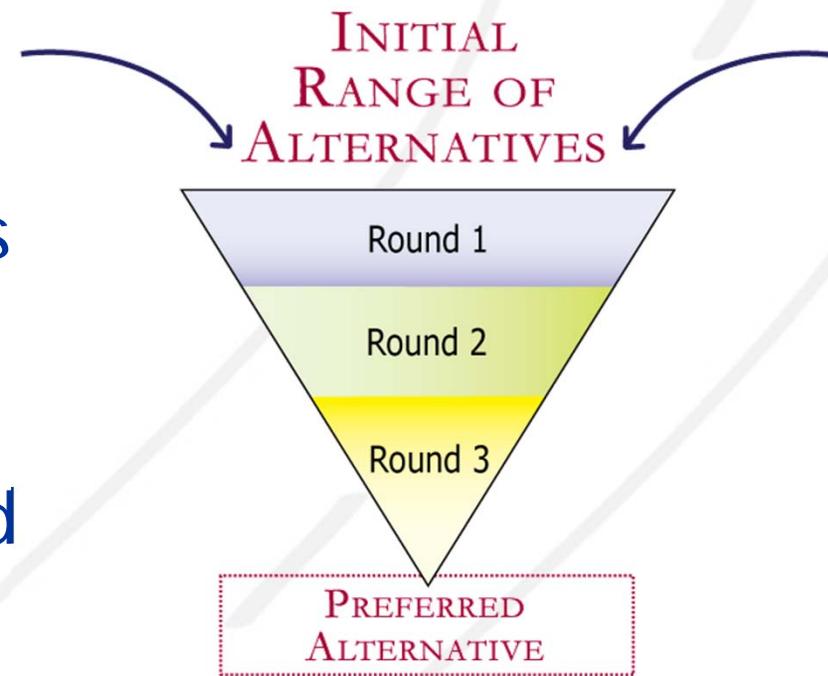




# Revised Screening Process

## Round 2 Screening: Environmental Screening

- 3 additional alternatives were developed
- 17 alternatives plus the no-build were evaluated
- 5 alternatives remain





# Environmental Screening Factors

## Environmental Screening

- Avoid or minimize impacts to wetlands or Waters of the US (Lily Cache Creek & Slough)
- Avoid bisecting wetland areas
- Minimize impacts to Section 4(f) properties
- Minimize residential and business displacements

Environmental resource agencies concurred





# Progress Continued

- Alternatives to be Carried Forward received concurrence from NEPA – July 2015
- Received updated CMAP 2040 traffic projections
- Round 3 Screening evaluation factors developed
- Refined design of 5 remaining alternatives
- Coordination with IDOT, the FHWA, Plainfield Park District & three villages





# BREAK

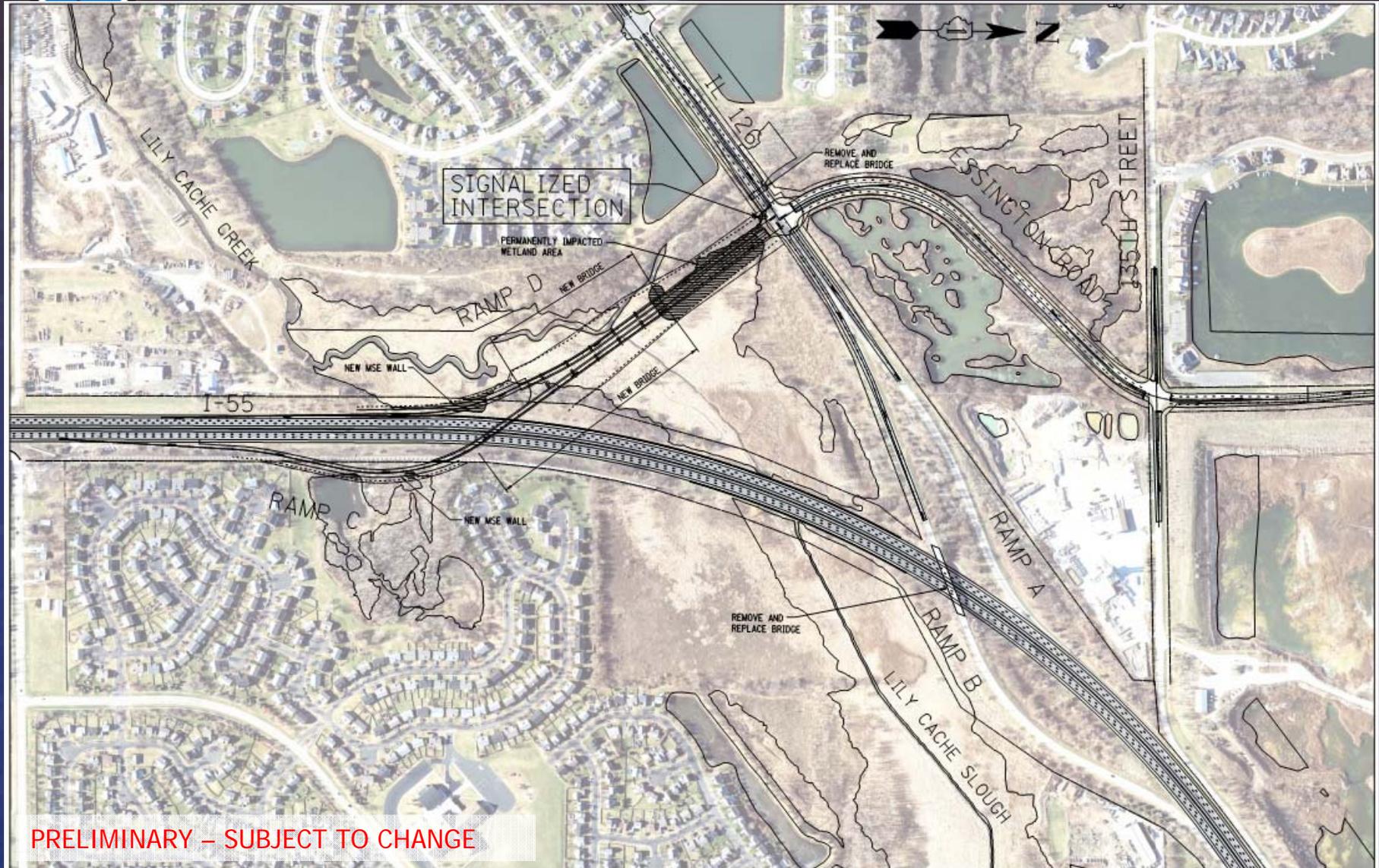




# Remaining Alternatives



# Alternative 16

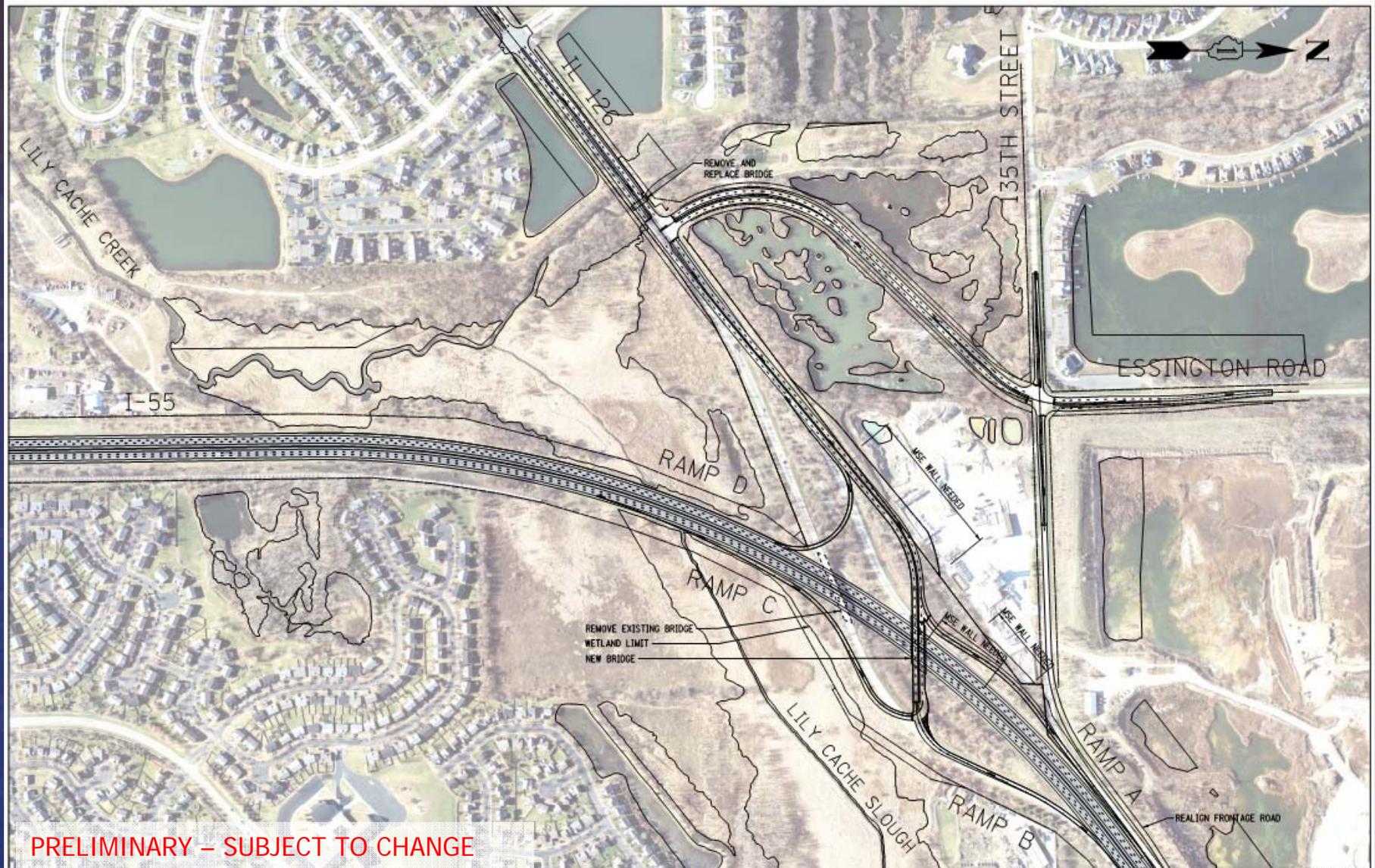


**PRELIMINARY – SUBJECT TO CHANGE**

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, IL 61938 <small>Engineering Group, Inc. a subsidiary of The Upchurch Group, Inc.</small>	<b>I-55 IMPROVEMENTS AT AIRPORT ROAD AND AT IL 126 / ESSINGTON ROAD</b>	<b>ALTERNATIVE 16</b>	TOTAL SHEETS	SHEET NO.
PROJECT / DRAWING / STUDY / STUDY M.P.	DATE / TIME / DATE / TIME	CHECKED -	REVISED -				15	1
PLLOT SCALE = 200,000' / 1" =	DATE	CHECKED -	REVISED -					
PLLOT DATE = 5/5/2006	DATE	CHECKED -	REVISED -					
		APRIL 8, 2006			SCALE: 1"=200'	PROJECT:		



# Alternative 28

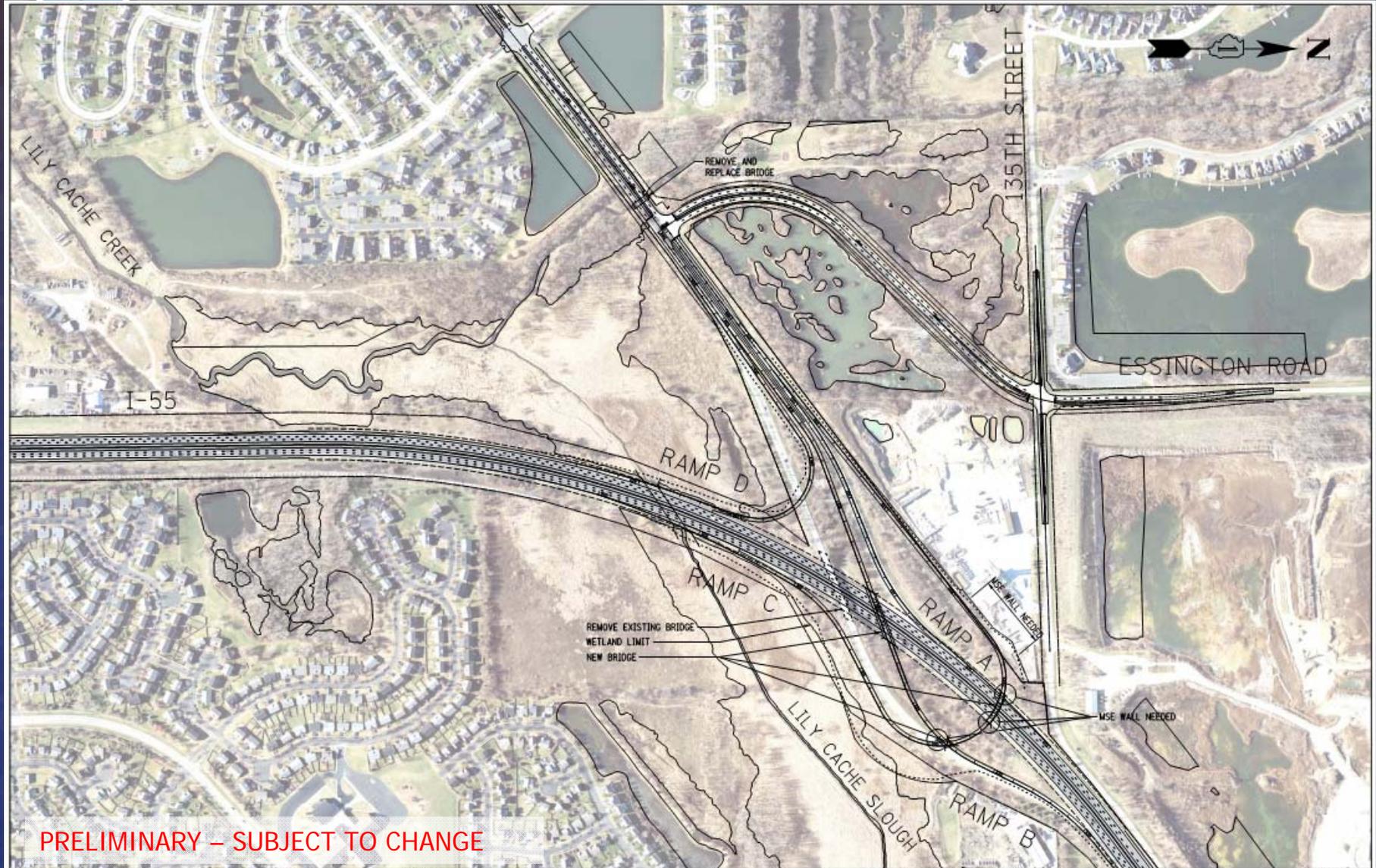


**PRELIMINARY – SUBJECT TO CHANGE**

FILE NAME =	USER NAME =	DESIGNED =	REVISED =	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, IL 61938 <small>Professional Design Firm Registered Engineers, Inc. No. 11021</small>	<b>I-55 IMPROVEMENTS AT AIRPORT ROAD AND AT IL 126 / ESSINGTON ROAD</b>	<b>ALTERNATIVE 28</b>	TOTAL SHEETS	SHEET NO.
PROJECT =	DATE =	CHECKED =	REVISED =				17	1
SCALE =	DATE =	CHECKED =	REVISED =					
SCALE =	DATE =	CHECKED =	REVISED =					



# Alternative 29



**PRELIMINARY – SUBJECT TO CHANGE**

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street, Mattoon, IL 61938 <small>Professional Engineer/Registered Geotechnical Engineer, No. 124103</small>	<b>I-55 IMPROVEMENT AT AIRPORT ROAD AND AT IL 126 / ESSINGTON ROAD</b>	<b>ALTERNATIVE 29</b>	TOTAL SHEETS	SHEET NO.
PROJECT =	CHARACTER =	CHECKED -	REVISED -				20	1
PLOT SCALE =	DATE =	CHECKED -	REVISED -					
PLOT DATE =	DATE =	CHECKED -	REVISED -					



# Alternative 5



**PRELIMINARY – SUBJECT TO CHANGE**



USER NAME - dding	DESIGNED - EIH	REVISED - 04/08/16
DRAWN - EIH	CHECKED - DPW	REVISED -
DATE - 11/21/14	REVISED -	

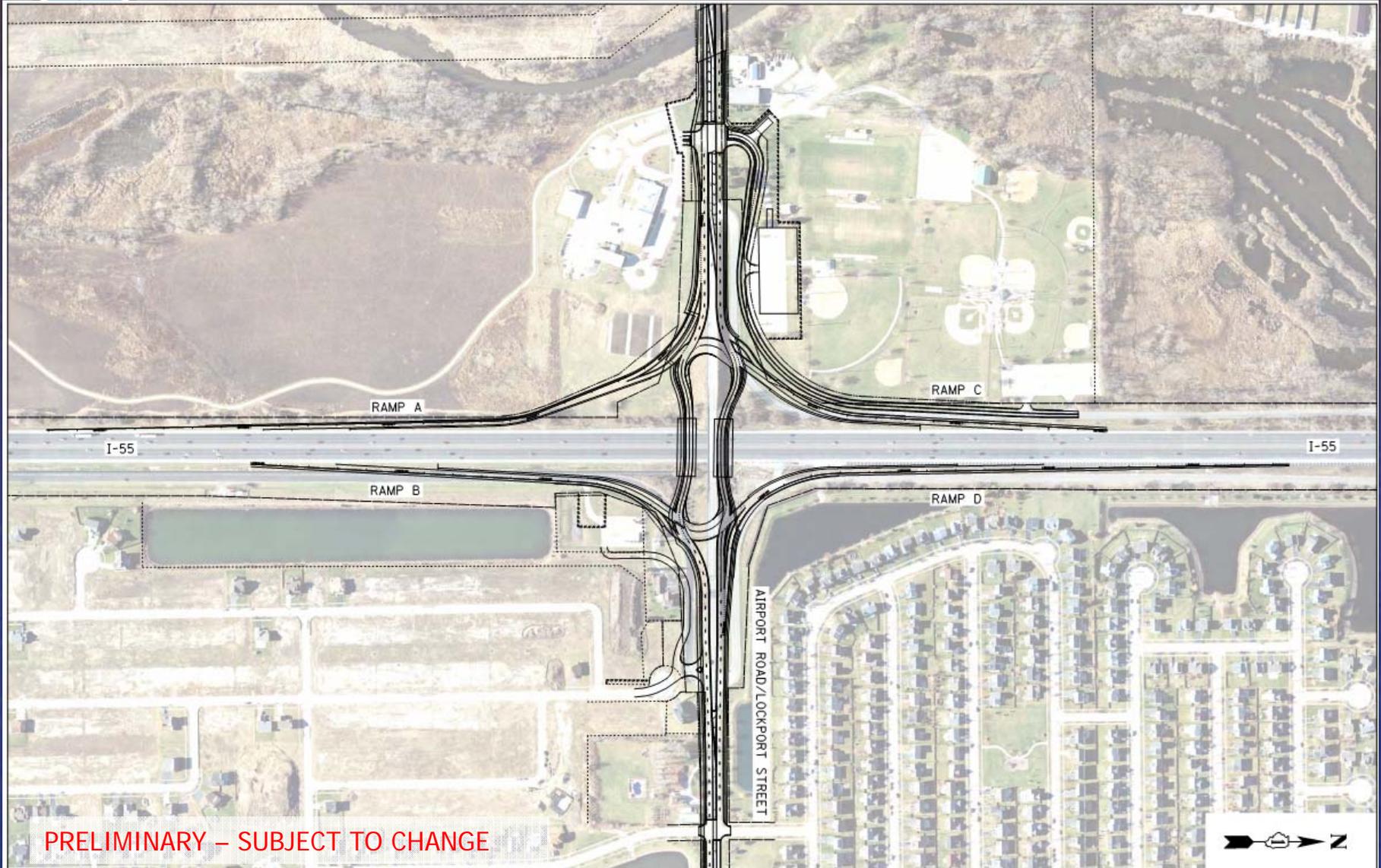
**I-55 IMPROVEMENTS AT AIRPORT ROAD AND AT IL 126 / ESSINGTON ROAD**

**ALTERNATIVE 5 – SINGLE-POINT URBAN INTERCHANGE**  
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

P.A. REL.	SECTION	COUNTY	TOTAL SHEETS
			12
			1
CONTRACT NO.			
ILLINOIS/FED. AID PROJECT			



# Alternative 30



**PRELIMINARY – SUBJECT TO CHANGE**



V3 CONSULTANTS  
 6225 Irvine Avenue  
 Woodridge, IL 60517  
 815-724-8200 phone  
 815-724-8202 fax  
 www.v3c.com

USER NAME - djung  
 DESIGNED - EIH  
 DRAWN - EIH  
 CHECKED - DPH  
 DATE - 04/14/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**I-55 IMPROVEMENTS AT AIRPORT ROAD  
 AND AT IL 126 / ESSINGTON ROAD**

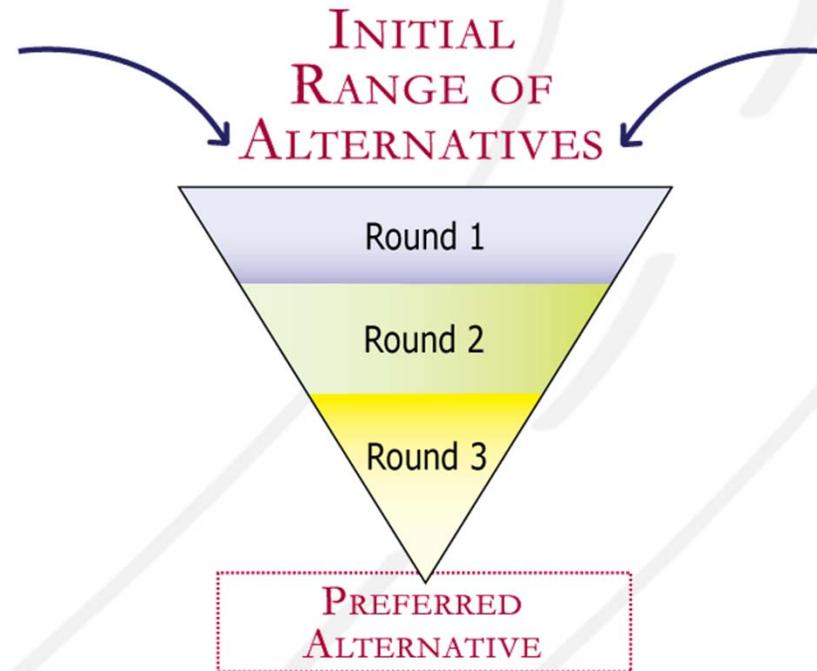
**ALTERNATIVE 30 - AIRPORT DOGBONE INTERCHANGE**  
 SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			13	1
CONTRACT NO.				
ILLINOIS/FEL. AEP PROJECT				



# Round 3 Screening Evaluation Factors

- Environmental
- Community
- ROW
- Cost
- Traffic Operations





# Natural Environment Evaluation Factors

- Water Resources: Impacts to watershed area for Lily Cache Creek and Lily Cache Slough
- Wetlands: Impacts to wetland areas and Waters of the US
- Special Waste: Recognized Environmental Conditions sites impacted
- Threatened and Endangered Species: Species Impacted
- Parklands (4f): Park Area Impacted





# Human Environment Evaluation Factors

- Cultural Resources: Historic & archaeological sites impacted
- Residences: Homes displaced or impacted
- Businesses: Businesses displaced or impacted
- Recreational Clubs: Recreational/sportsman clubs areas impacted





# ROW and Cost

## IL 126 & Airport Road Interchange Alternatives:

- ROW from Businesses, Residences or other uses
- Total Right of Way Required
- Estimated Project Cost





# Traffic Operations Evaluation Factors

- Peak Hour I-55 Mainline Traffic Analysis
- Peak Hour Ramp Merge/Diverge Traffic Analysis
- Peak Hour Ramp Intersection Traffic Analysis
- Total Traffic Volume Served
- Population & Employment Served





# CAG Exercise

## Review the Evaluation Criteria

Any additional factors that should be considered?





# Next Steps/ Tentative Schedule

- Complete Round 3 Screening
- Public Meeting – late summer/early fall 2016
- Seek concurrence of environmental resource agencies – September 2016
- Prepare draft design report, environmental assessment & 4(f) evaluation
- Schedule CAG #6 – early 2017
- Public Hearing – Summer 2017
- Design Approval – Late Fall/Winter 2017





# Thank You





# Open Meeting

## Open for Public Comment

Comments received by 05/24/2016 will  
become part of the public record

[airportand126study.com](http://airportand126study.com)

