

# IL ROUTE 53/120

## Blue Ribbon Advisory Council

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### Public Officials Briefing

### March 12, 2012

Lake County Department of Transportation, Libertyville





# AGENDA

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- History
- Council Overview
  - Membership
  - Role
  - Working Groups
- The Council's Work
  - Guiding Principles, Purpose of the Road
  - Consensus Scenario
  - Issues to Address
- Final Report
- Schedule





# ROUTE 53/120 HISTORY

## 1960's – 1980's

- 1962 - Regional plan identified
- 1964 - IDOT decision to construct from Dundee Road to Lake Cook Road
- Two environmental studies of the North Extension initiated
- Studies discontinued based on roadway priorities



## 1990's

- 1993 - General Assembly authorized Tollway to extend IL-53
- 1993-97 - IDOT and Tollway prepare Phase I Environmental Studies
- 1998 - Lake County Transportation Improvement Project (LCTIP) Formed

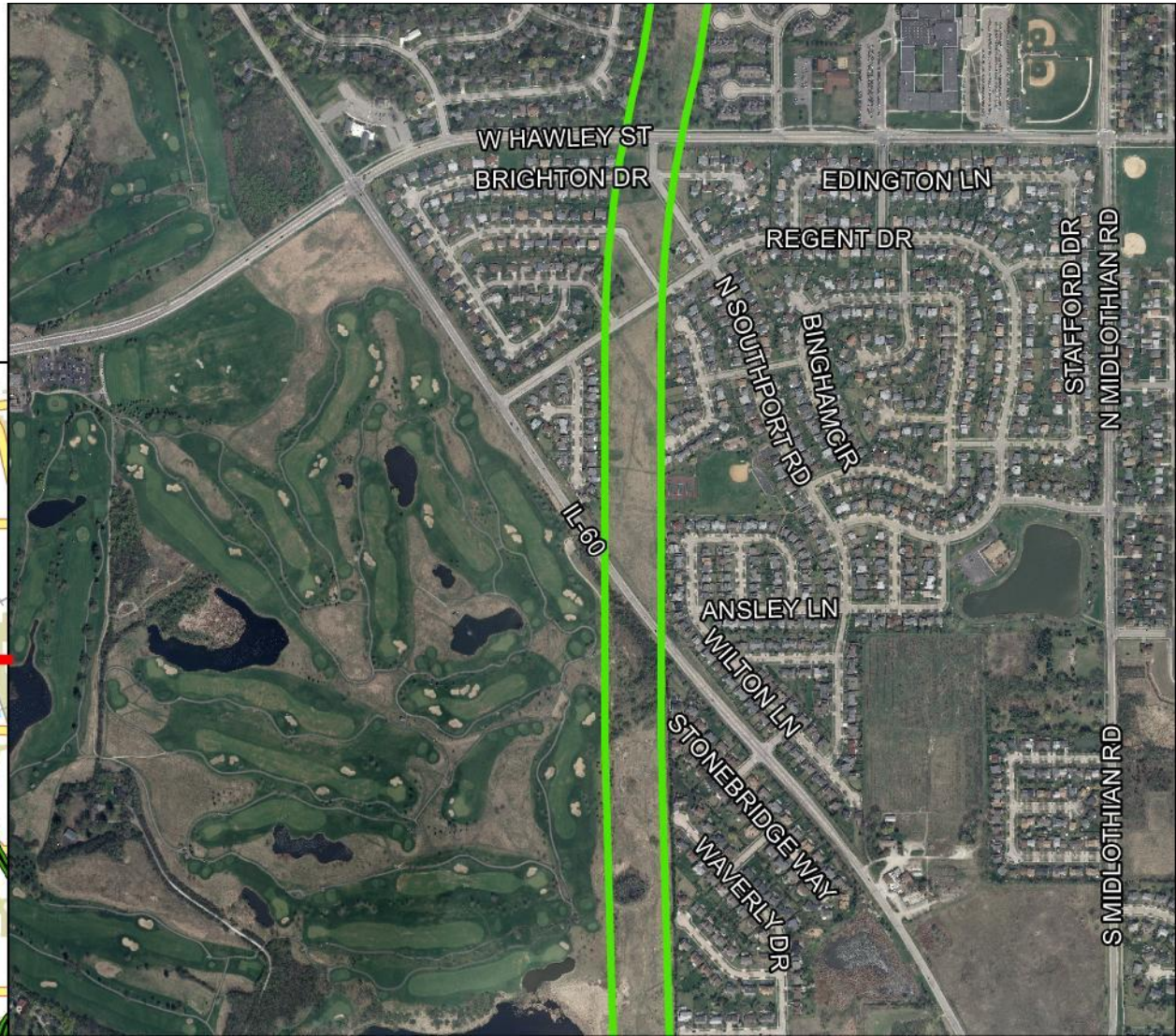


## 2000-10

- 2005 – LCTIP discontinued
- 2007 – Tollway Board Resolution
- 2009 – Lake County Referendum (76% support) No Toll Provision & IL-120 Corridor Study
- 2009 - Unified vision and feasibility analysis published by the Rt. 120 Corridor Planning Council
- 2010 - Central Lake County Corridor included as a major priority project in CMAP GO TO 2040 plan
- 2011 – Tollway Board adopts “Move Illinois” Capital Program

# KEY ISSUES – RESIDENTIAL

Example: Mundelein

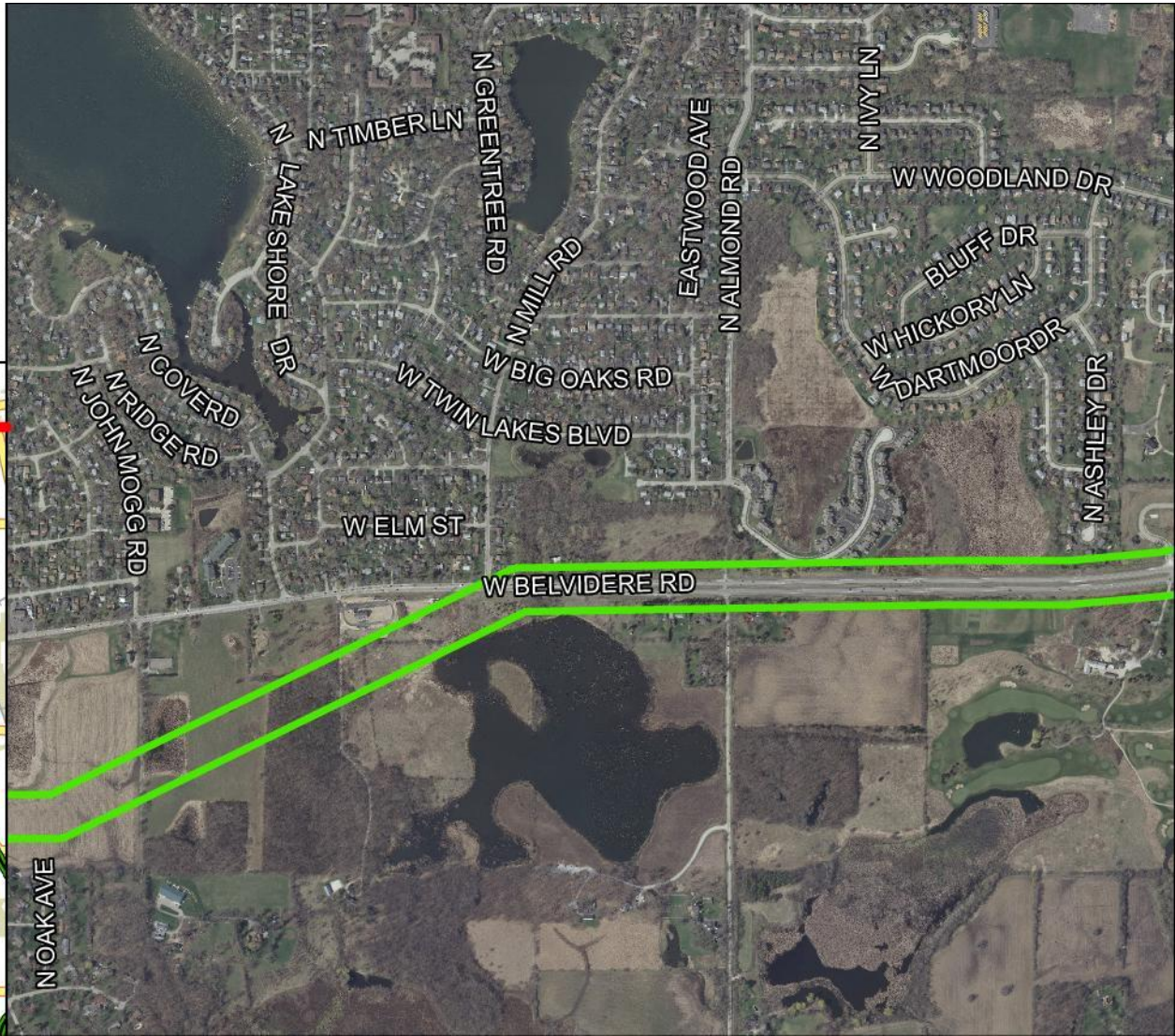






# KEY ISSUES – ENVIRONMENTAL

Example: Almond Marsh





## CMAP GO TO 2040 PLAN

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*GO TO 2040 calls for a **21<sup>st</sup> Century urban highway** – this “**modern boulevard**” should have a smaller footprint to minimize potential negative impacts while protecting the natural environment and preserving the character of nearby communities.*





# CMAP VISION





# A NEW APPROACH FOR ROUTE 53/120

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- Context-driven look at transportation improvements
  - Cannot solve all Lake County congestion
  - Limited right-of-way available
  - Environmental constraints
- Innovative thinking – what can be done in the space available?
- Council formed in September 2011





# COUNCIL MEMBERSHIP

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- George Ranney – Co-Chair
- David Stolman – Co-Chair
- Gerald Adelman
- MarySue Barrett
- Randy Blankenhorn
- Mayor Jeff Braiman
- Carolina Duque
- Chris Geiselhart
- Jacky Grimshaw
- Lynn Karner
- David Kennedy
- Mayor Mark Knigge
- Howard Learner
- Mayor Arlene Mulder
- Jorge Ramirez
- Leanne Redden
- Mayor Leon Rockingham
- Maria Rodriguez
- Kathy Ryg
- Michael Sands
- Ann Schneider
- Michael Sturino
- Jerry Weber
- Doug Whitley
- Suzanne Zupec





## THE COUNCIL'S ROLE

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*“The Council will be responsible for developing regional consensus on whether the Tollway should move forward, the scope and configuration, the design and elements, and how to finance the project”*





# GUIDING PRINCIPLES

1. Enhance **mobility and accessibility, and relieve congestion**, in the Central Lake County Corridor
2. Seek **innovative design solutions** for a safe, integrated, multi-modal corridor that preserves the environment and the character of nearby communities, and enhances their economic vitality
3. Analyze potential funding options and pursue corridor concepts to the extent that they are **financially viable, fiscally sustainable and equitable**
4. **Minimize environmental and long term development impacts** of transportation infrastructure and operations
5. Promote **environmental enhancements and sustainable practices** in all aspects of project development, implementation and operations, and strive to improve the overall environment
6. **Promote diversity** in all aspects of project development, implementation and operations
7. **Develop and apply innovations** in all aspects of the project to create a 21<sup>st</sup> Century, modern boulevard that serves as a national and international model
8. Cooperate with agencies and municipalities to deliver the Council's work in a **transparent and accountable** manner







## PURPOSE OF THE ROAD

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*“The purpose of the Route 53/120 project is not to provide an alternative for interstate travel, but rather to serve regional and local mobility and community needs in the Central Lake County Corridor. The Route will connect people and jobs and facilitate economic development that is consistent with local and regional plans. The project will encourage use of transit, and protect and enhance the natural environment.”*



# WORKING GROUP STRUCTURE

## Mobility and Finance

This group will determine how the route can most **effectively move people and goods** in Central Lake County. Members will evaluate traffic model information and **consider how to manage traffic** through: integrated transit service; limited access; congestion pricing; use of Intelligent Transportation Systems (ITS); and other technologies. The group will also **evaluate options for funding and financing** the project.

## Design & Land Use

This group will focus on **how the route connects to communities in the corridor**. Members will consider the size and design configuration of the roadway, and will evaluate aesthetic, land use and economic development factors.

## Environment & Sustainability

This group will focus on **how the route co-exists with the surrounding environment**, and consider how sustainability can be incorporated in all aspects of design and construction. Members will evaluate visual and noise impacts, consider storm water and other national best practices, and outline measures to mitigate potential environmental impacts.



# MEETINGS

	2011				2012					
	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
Full Council	9/12	10/17		12/19		Design Workshop 2/9	3/5	4/20	5/18	
Mobility & Finance			11/7		1/9		★ 3/12			
Design & Land Use			11/7		1/9		3/12			
Environment & Sustainability			11/14		1/23		3/19			











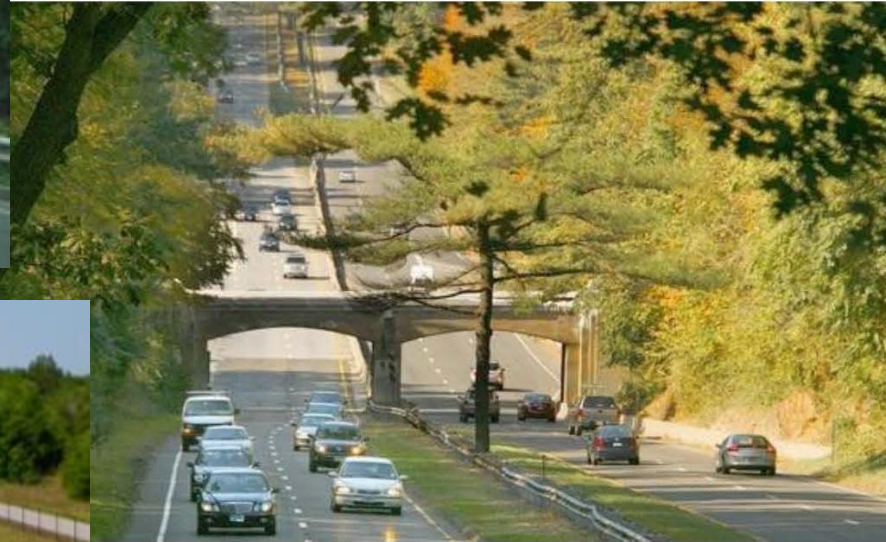


# MANY OPTIONS CONSIDERED

ARTERIAL



PARKWAY



EXPRESSWAY





# TEAMS BUILT THEIR IDEAL SCENARIOS

Table 1

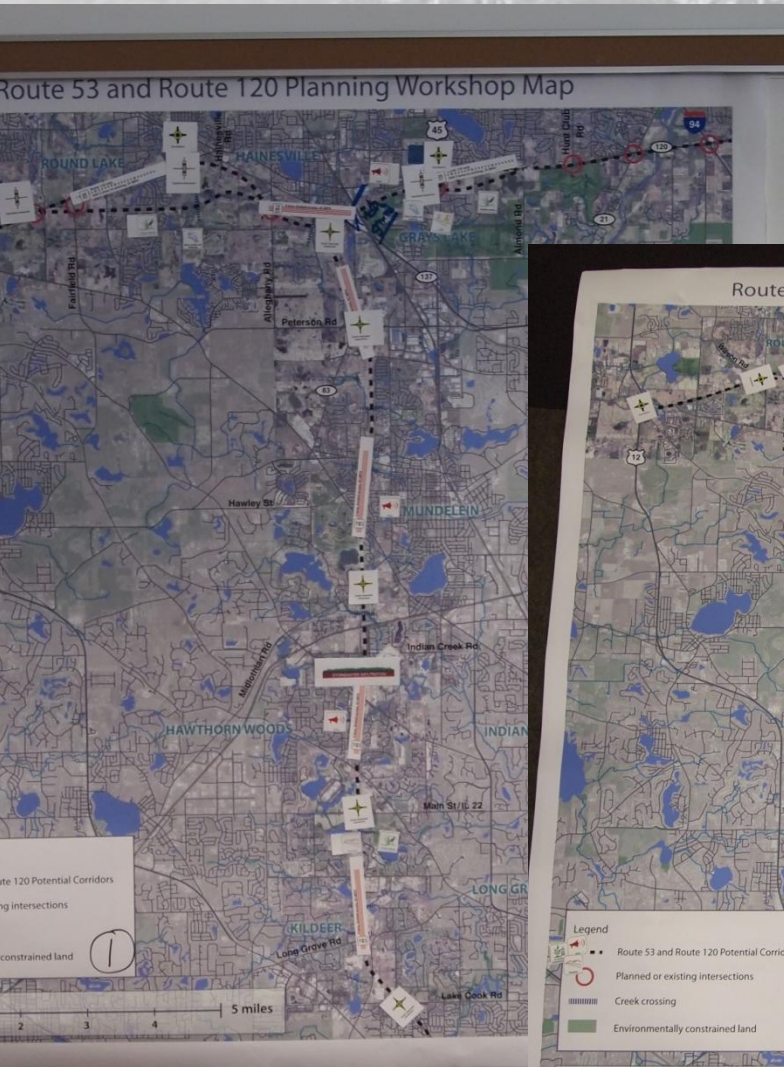


Table 2

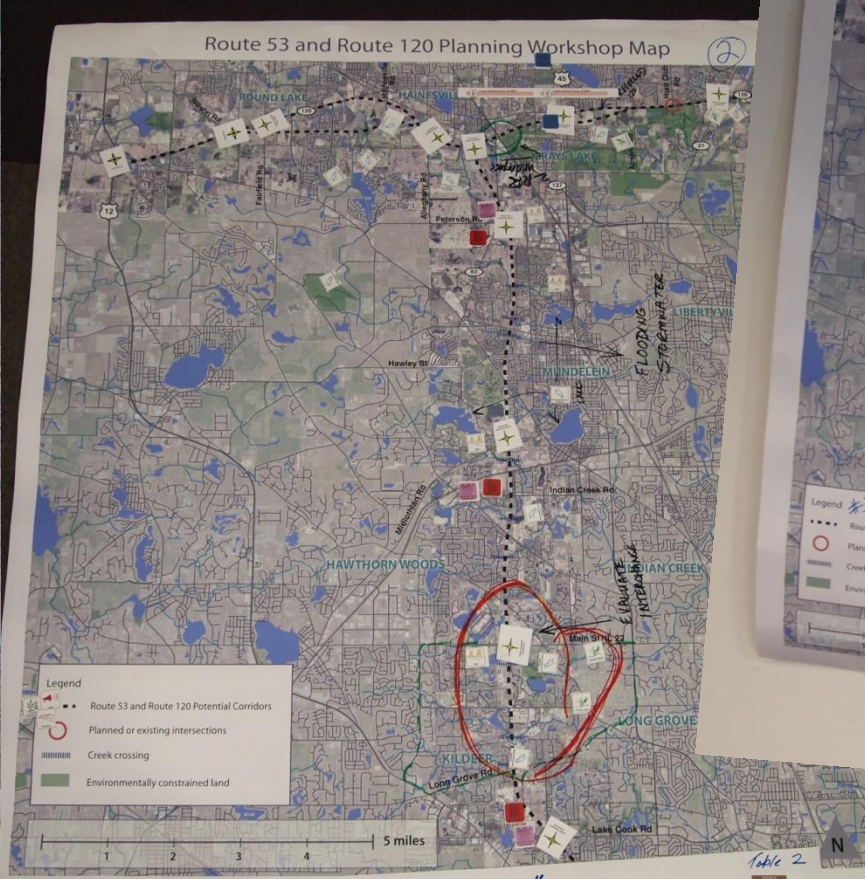
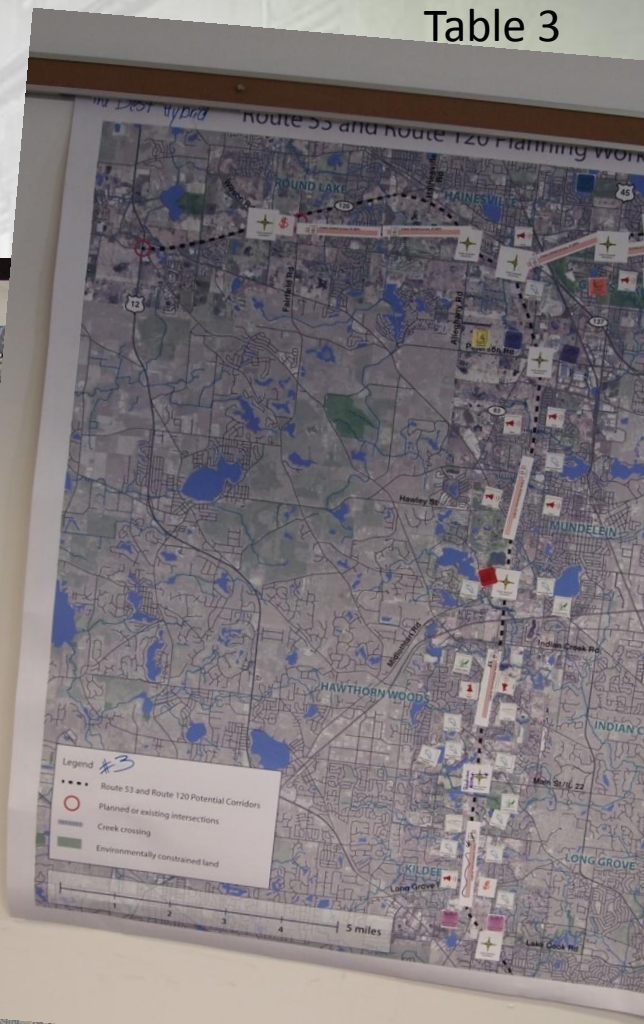


Table 3



- 45MPH  
- TOLLED  
- 3RD LANE

"LAKE COUNTY GREENWAY"



# CONSENSUS SCENARIO EMERGED

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- ❑ 4 lane, 45 MPH parkway
- ❑ Route 120 bypass options (possible hybrid)
- ❑ Tolloed roadway
- ❑ Environmental solutions
- ❑ At-grade and below-grade road profile

## Questions Remain

- ❑ Higher speed at south end of Route 53?
- ❑ Space for future additional managed/transit lane?
- ❑ Environmental costs?
- ❑ Funding and financing plan?
- ❑ Corridor-focused land use plan?



# BUILDING CONSENSUS

- We're not *BUILDING* a road by May –







# LOOKING AHEAD

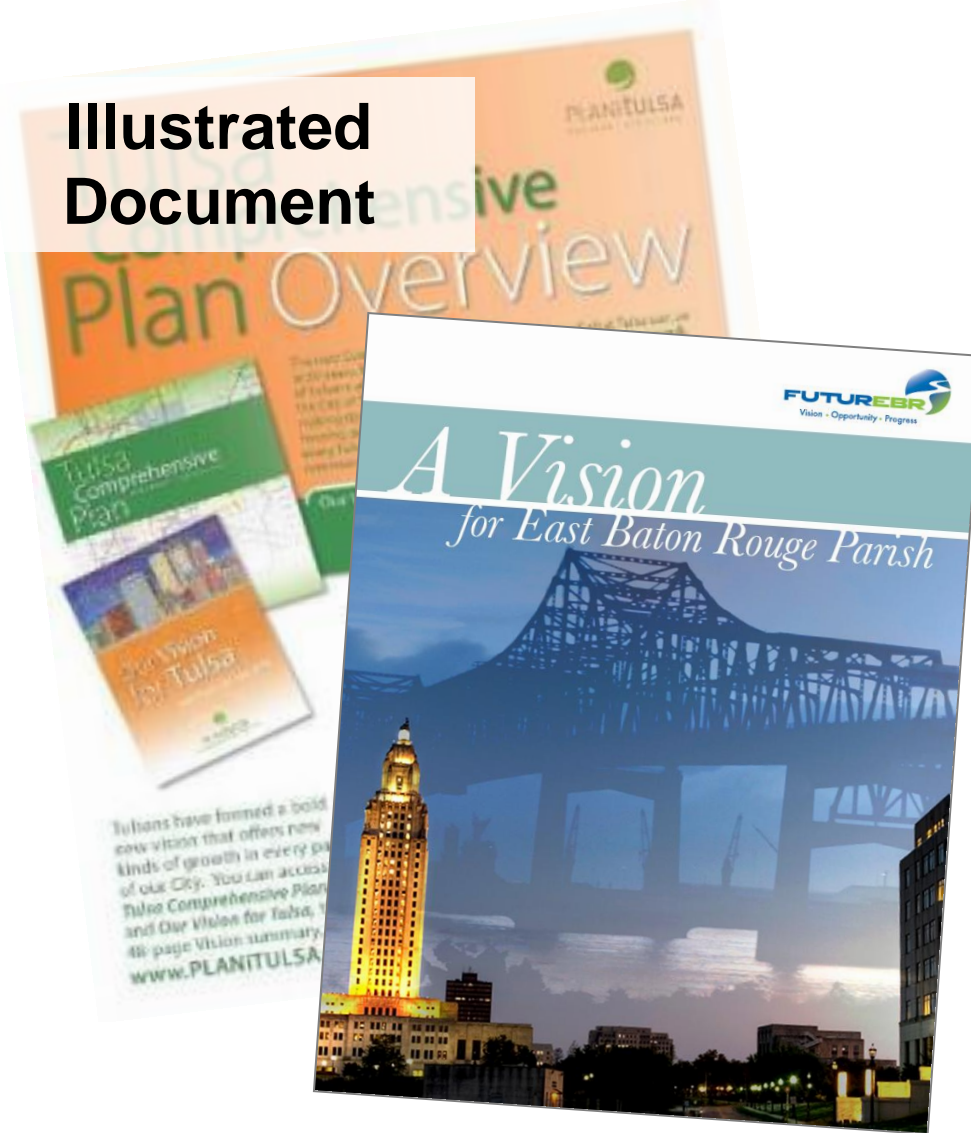
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- MARCH to MAY 2012
  - Council will define the consensus for the road
  - What does success look like?
    - Determine evaluation criteria
  - Establish requirements for design and performance
  - Produce final document:
    - **Resolution:** *describes design and performance*
    - **Report:** *describes process and information used in reaching decisions/recommendations*

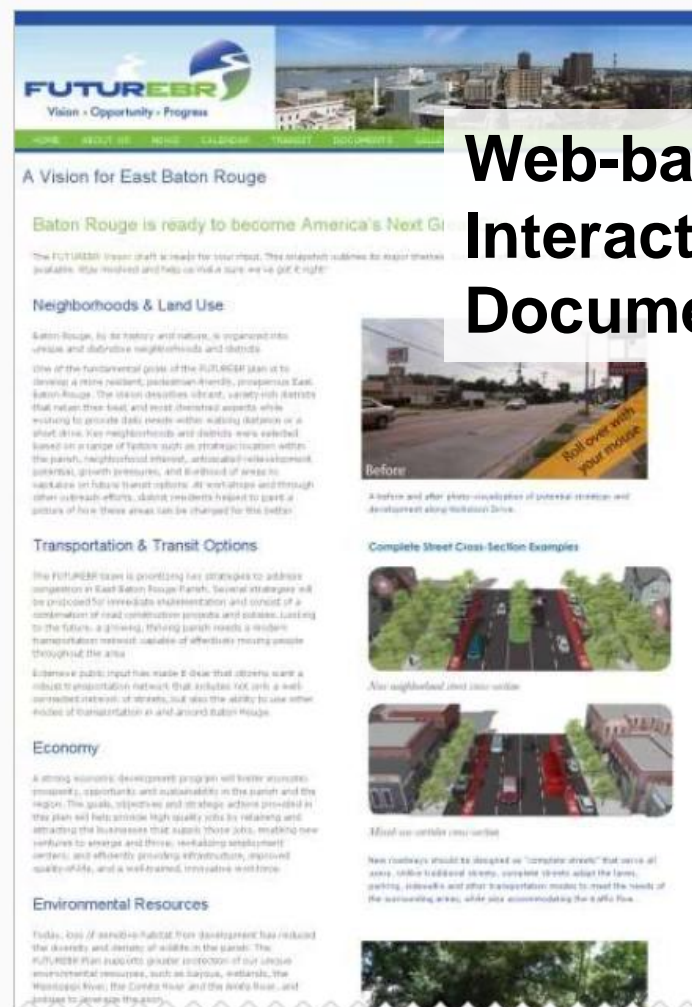


# PUBLIC DOCUMENT

## Illustrated Document



## Web-based Interactive Document





# AFTER THE REPORT

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- Council's report will recommend future steps and suggested timeline
- Possible next steps:
  - Studies to fully understand the environmental, community and mobility results/outcomes
  - Detailed funding/financing plan
  - Design effort that follows established design and performance requirements outlined in report
  - **Detailed corridor land use plan**



# CORRIDOR LAND USE PLAN

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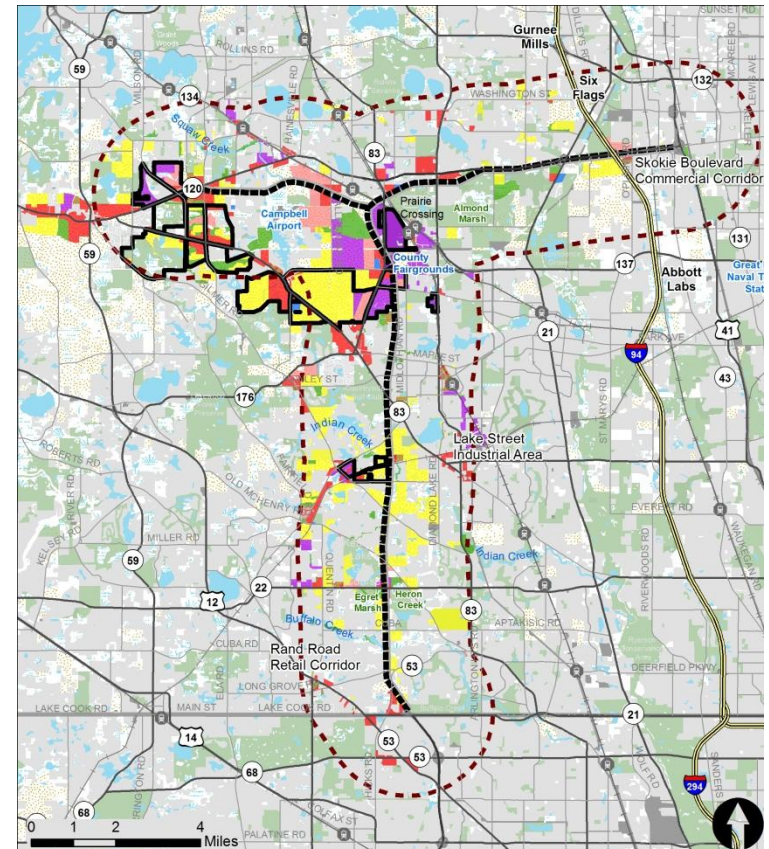
- CMAP Land Use Memo
  - Distributed to Council and Others
  - Distributed to Local Elected Officials
- Taken together, local plans generate potential for major shift in the character of central Lake County
- Need for coordinated plan addressing the opportunities and needs of the area





# PROPOSED FUTURE LAND USE ANALYSIS

- Compilation of Comprehensive and Strategic Plans
- Presents a “maximum” scenario in which all land within the corridor designated for future development is built out
- **Goal:** Understand the potential impact of all planned future land use on the design of the road and the goals of the council





# POTENTIAL FOR MAJOR LAND USE CHANGE

Land Use	Estimated New Development within 2 Miles of the 53/120 Corridor, per Comp Plans	Increase Compared to Existing Development		
		Countywide	I-94 Corridor	53/120 Corridor
Office	12.9 to 26.3 M SF	40% to 75%	60% to 120%	500% to 1000%
Industrial/Flex	18.7 to 21.8 M SF	~25%	65% to 80%	250% to 300%
Retail	31.8 to 39.7 M SF	100% to 120%	290% to 360%	1100% to 1300%
Housing Units	9,410 to 13,640 HU	~5%		20% to 25%
Population	29,100 to 41,200 People	~5%		20% to 30%

Planning is on par with or exceeds the levels of development seen in the I-94 Corridor.



## IMPACTS OF PROPOSED FUTURE LAND USES

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- ❑ Individual community plans have a major impact when viewed as a combined whole
- ❑ The totality of planned land uses is out of scale with the preferred design of the road
- ❑ The volume of planned change proposes a considerable shift in community character
- ❑ Continuation of current land use patterns will exacerbate congestion and does not support transit
- ❑ **Suggested next step:** Cooperative Corridor Land Use, Transportation and Open Space Plan



# SCOPE OF PLAN

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- ❑ Economic Development Analysis and Strategy
- ❑ Forecast of Housing Demand (Homes for a Changing Region Methodology)
- ❑ Multi Modal Transport Plan (focus on local transport, transit, biking, walkable communities)
- ❑ Open Space and Environmental Plan
- ❑ Scenario Process
- ❑ Cooperative Implementation
- ❑ Time Frame: 10 months





# COUNCIL MEETING SCHEDULE

<b>3/12</b>	<b>Public Officials Briefing</b>	11:30-12:45	<b>Lake County DOT</b>
	<b>Mobility &amp; Finance</b>	1-2:30 pm	
	<b>Design &amp; Land Use</b>	2:30-4 pm	
<b>3/19</b>	<b>Environment &amp; Sustainability</b>	2-3:30 pm	<b>Lake County DOT</b>
<b>4/20</b>	<b>Full Council</b> <i>(review draft report)</i>	2-4 pm	<b>Lake County Central Permit Facility</b>
<b>5/18</b>	<b>Full Council</b> <i>(review draft report)</i>	2-4 pm	<b>Lake County Central Permit Facility</b>

Lake County Department of Transportation (DOT) – 600 West Winchester, Libertyville, IL  
 Lake County Central Permit Facility – 500 West Winchester, Libertyville, IL

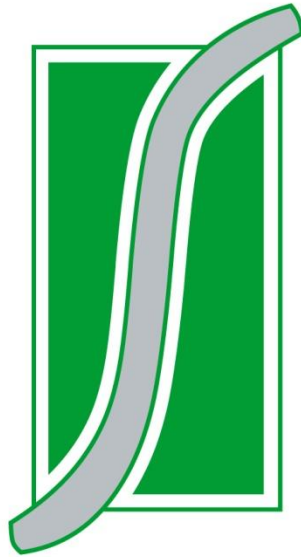




# COMMUNICATIONS

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- Council **meeting materials** are available  
on the Tollway's community outreach page.  
[www.illinoistollway.com](http://www.illinoistollway.com)  
Construction and Planning / Community Outreach



# IL ROUTE 53/120

## Blue Ribbon Advisory Council

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# THANK YOU