






North Lake Shore Drive
Task Force Meeting #3
April 10, 2014


Welcome



Agenda




- Recap Task Force Meeting #2
- Purpose & Need Update
- Alternatives Development Process
- Alternatives Evaluation Process
- Transportation Alternatives Workshop







Task Force #2 Recap

- Problem Statement Review
 - Final Problem Statement is on project website.
- Purpose & Need Outline Discussion
 - Purpose Statement
 - Four Need Categories
 - Safety
 - Mobility
 - Infrastructure
 - Access & Circulation




Purpose & Need Overview

- Input from Task Forces and agencies identified additional need.
- Improve Modal Connections & Opportunities
 - Need to improve connections between all modes of travel, including non-motorized connections to transit, as well as improving opportunities to better accommodate all transportation modes through cooperation and joint planning with transit providers.



Revised Purpose Statement




The purpose of the project is to improve the NLS multi-modal transportation facility. The specific needs to be addressed throughout the study include: improve mobility for automobiles, buses and non-motorized modes of travel, improve safety, improve facility deficiencies, improve modal connections and opportunities, and improve accessibility to and from Lincoln Park, the Lakefront Trail and the adjacent communities.

Project Needs

- Improve safety for all users.
- Improve mobility for all users.
- Address infrastructure deficiencies.
- Improve access and circulation.
- Improve modal connections & opportunities.



Draft Purpose & Need Statement

- Draft text has been prepared and emailed to you in advance of this meeting.

Important Reminders:

- Reflects the primary *transportation needs* in the study corridor.
- Technical document written for *Regulatory & Resource Agencies*.





Draft Purpose & Need Statement

- Ask questions during Workshop.
- Submit comments after today's meeting:

Email: info@northlakeshoredrive.org



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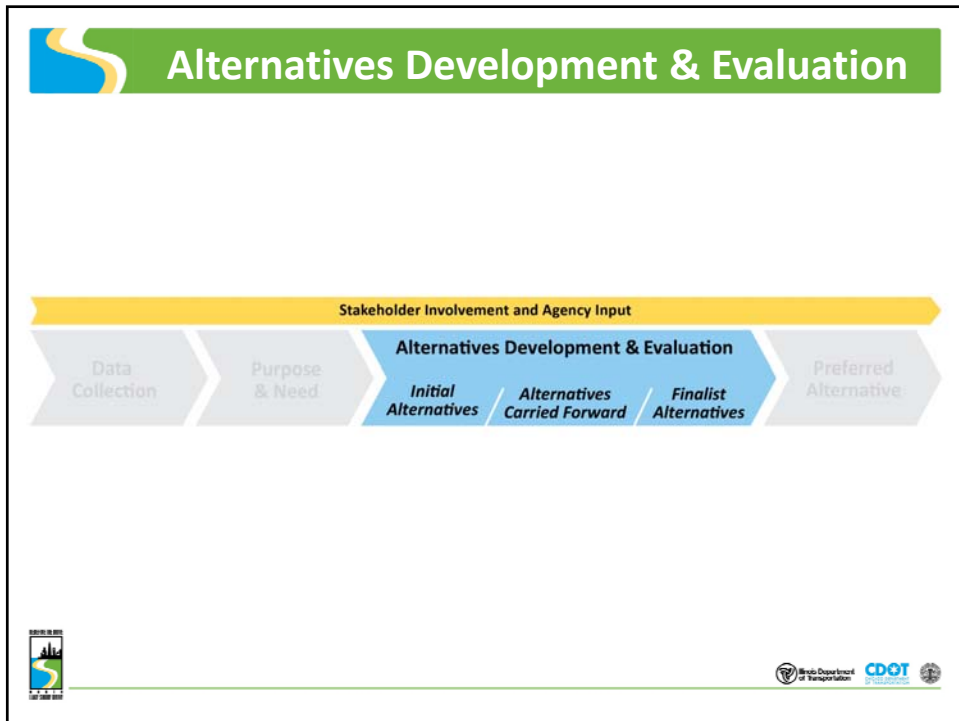
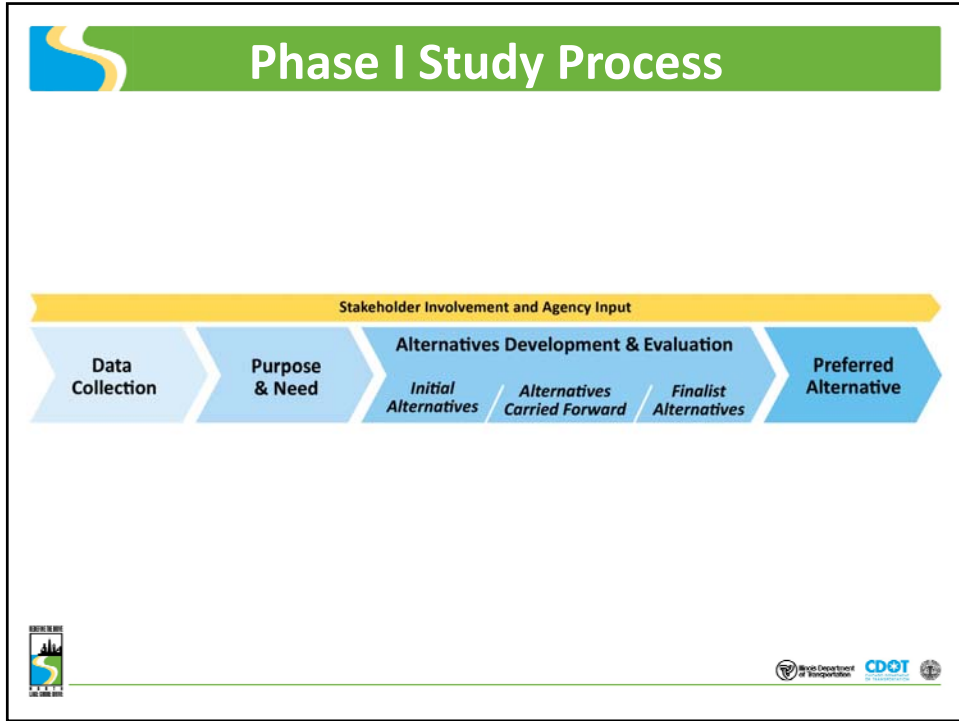
Purpose & Need Statement

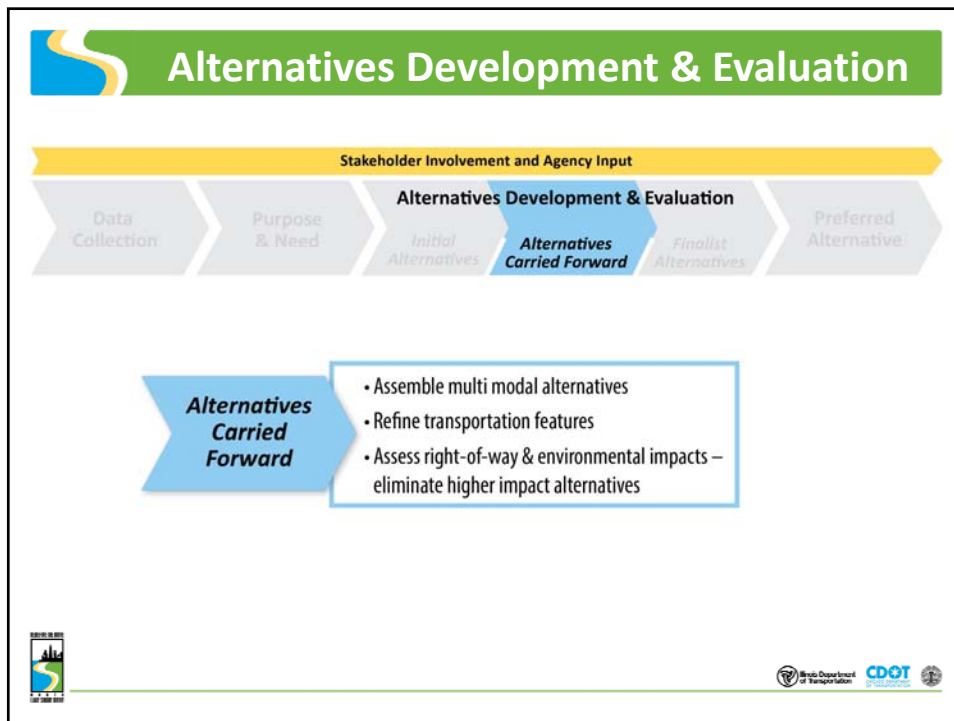
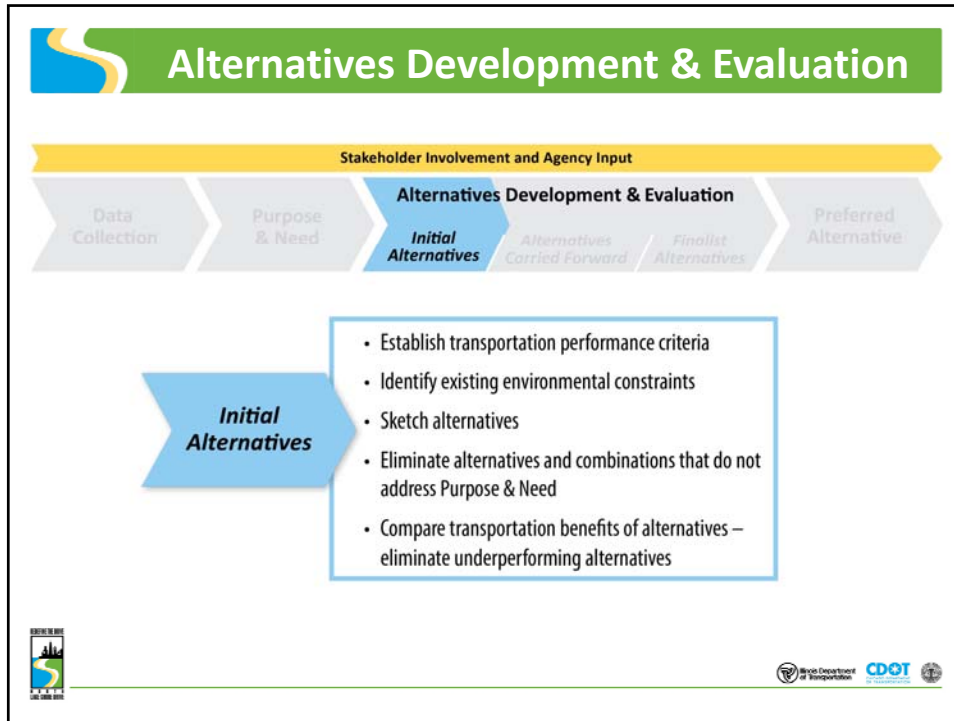
Questions?

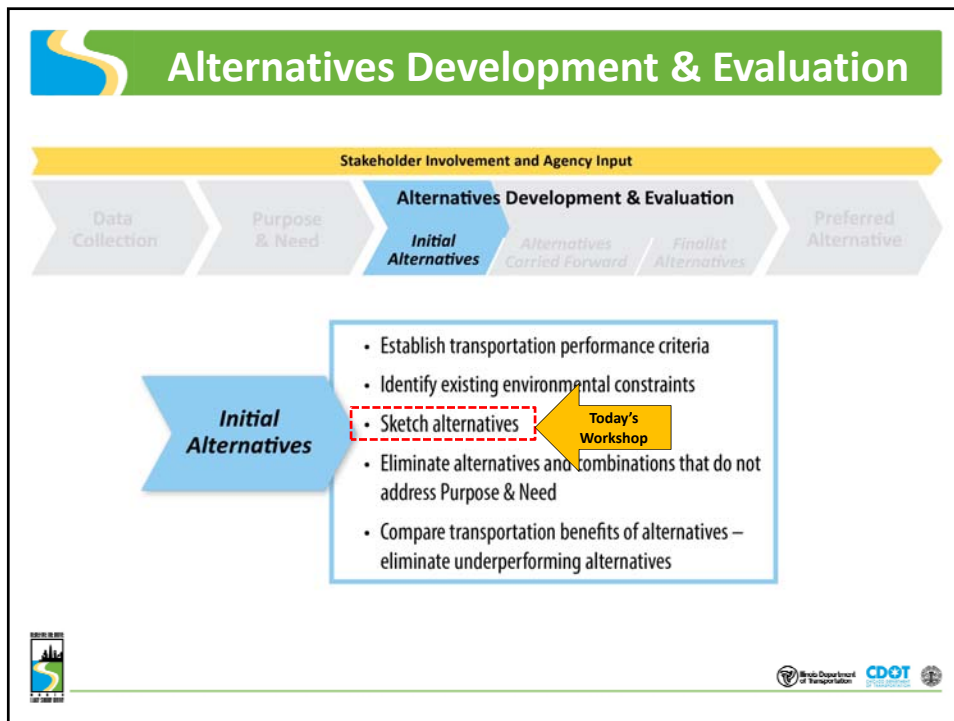
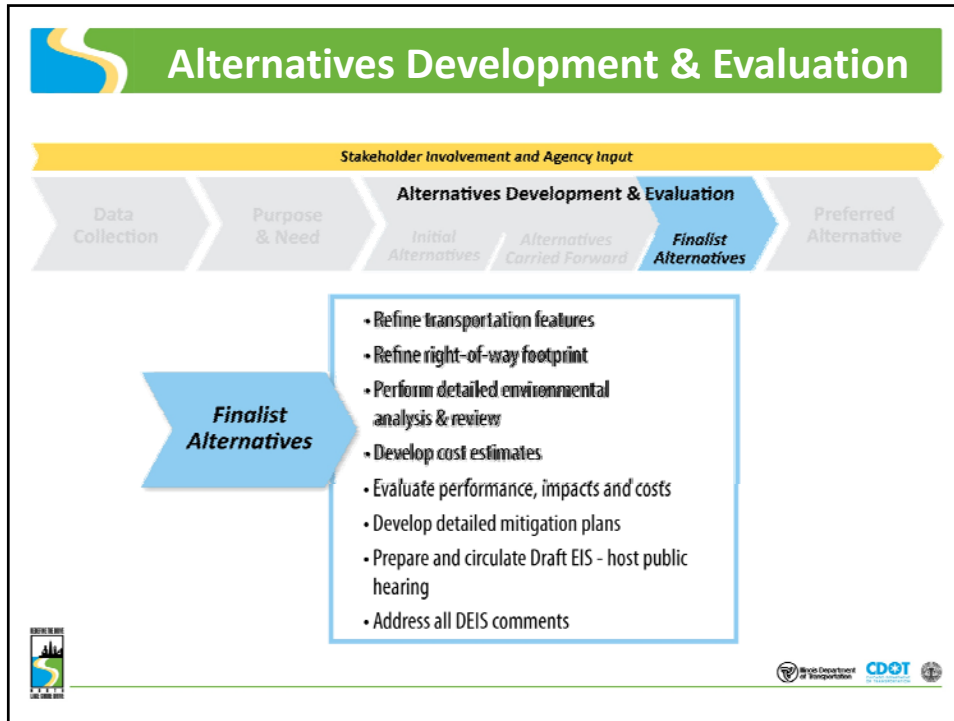


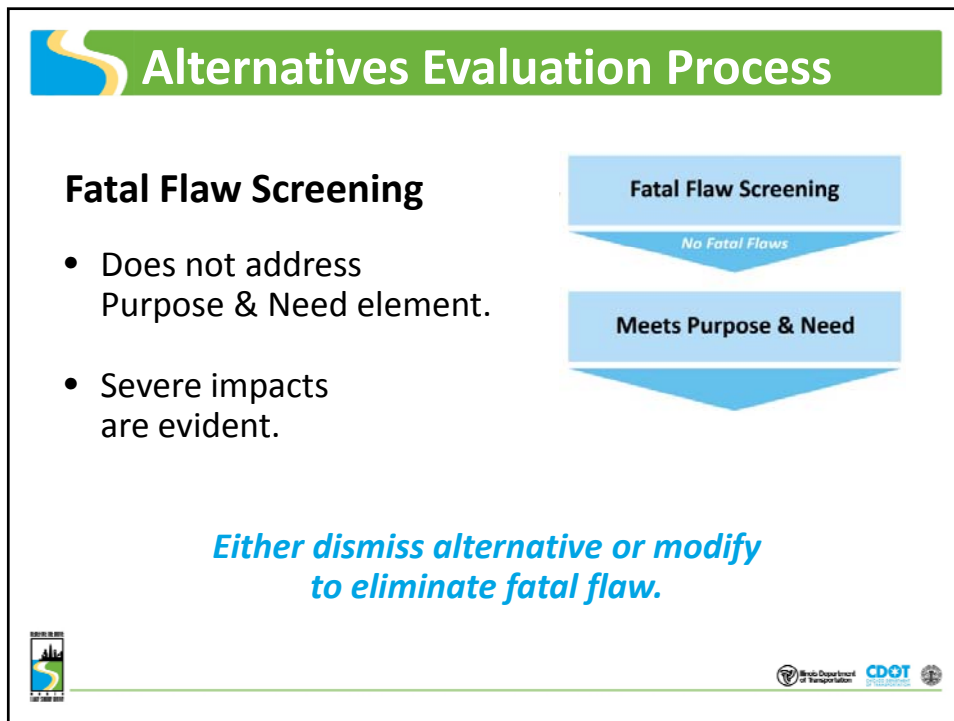
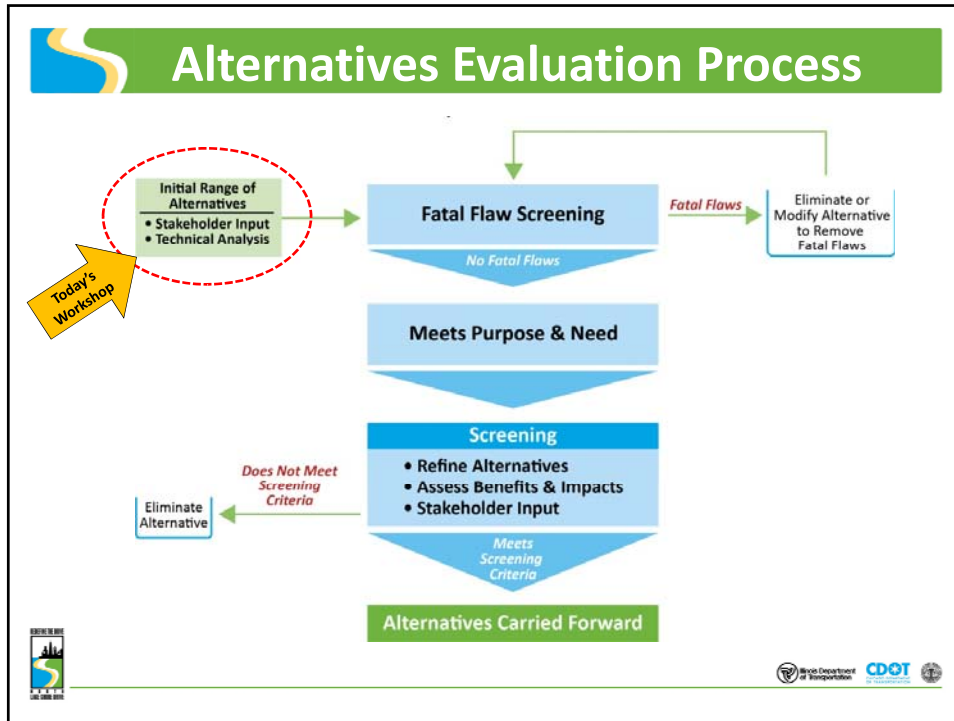
Alternatives Development Process











Alternatives Evaluation Process

- Transportation Benefit Measures
- Environmental Evaluation Measures

All alternatives are evaluated against the No-Action Alternative.



Transportation Benefit Measures



Improve Safety for all Users

Potential performance metrics include:

- Potential for reduction of crash frequency and severity.



Improve Mobility for All Users

Potential performance metrics include:

- Travel time/speed for all vehicles and buses.
- Vehicle miles of congested travel.
- Level of Service (LOS) of roadway elements.
- Volume/Capacity of arterial streets.
- Volume/Capacity of non-motorized facilities.



Address Infrastructure Deficiencies

Potential performance metrics include:

- Bridge and tunnel condition.
- Design/functional deficiencies.
- Drainage/flooding concerns.
- Condition of other infrastructure elements.
- Americans with Disabilities Act compliance.



Improve Access and Circulation

Potential performance metrics include degree to which alternatives improve:

- Vehicular access to NLSD.
- Non-motorized access to Lincoln Park.
- Non-motorized circulation within Lincoln Park.



Improve Modal Opportunities & Connections

Potential performance metrics include degree to which alternatives improve:

- Access to transit.
- Transit access to Lincoln Park.
- Non-motorized connections.






Environmental Evaluation Measures




Environmental Screening




- Environmental evaluation follows NEPA process.
- Level of analysis becomes progressively more detailed as alternatives are narrowed.
- Screening process of initial alternatives uses environmental overlays from many sources.
- Detailed identification of environmental features and impacts occurs later in process through field studies, research, and expert analysis.

Cultural Resources/Special Lands




- Provides impacts of alternatives to protected cultural resources.
- “Special lands” includes public parks, nature preserves, forest preserves.
- Governed by federal 4(f), 6(f) and Section 106 policies.
- **Impact metrics include:**
 - Historic resource impacts (National Register-eligible)
 - Archaeological resource impacts (National Register-eligible)
 - Special lands impacts
 - Non-Section 4(f) public lands impacts






Natural Resources

- Provides information on impacts of alternatives to natural resources, including protected resources.
- **Impact metrics include:**
 - Wetland impacts
 - Habitat loss
 - Water quality
 - Flood plain impacts
 - Impervious area changes
 - Threatened & Endangered species


Air Quality




- Provides projections of changes in air quality for alternatives, based on 2040 baseline comparison.
- Conformance with air quality standards.
- **Impact metrics include:**
 - Carbon monoxide
 - Ozone
 - Particulate matter
 - Overall project conformance
 - Greenhouse gas emissions

Noise

- Provides projections of changes in noise for the alternatives based on 2040 baseline comparison.
- Determination of eligibility for mitigation.
- **Impact metrics include:**
 - Noise sensitive residential receptors
 - Noise sensitive non-residential receptors (churches, schools, parks, hospitals)



Socio-Economic


Likely impact metrics include:

- Access to employment














Environmental Justice

- Provides information on any disproportionate impacts of alternatives to low income/minority populations.
- **Impact metrics include:**
 - Loss of access
 - Effects on low income/minority populations



Hazardous/Special Waste

- Provides impacts of alternatives to properties that contain or might contain regulated substances that are potentially hazardous to workers and the general public .
- **Impact metrics include:**
 - Sites on the federal CERCLIS database
 - Non-CERCLIS sites



Indirect and Cumulative Impacts

- Indirect impacts – reasonably foreseeable impacts caused by the project outside its immediate area.
- Cumulative impacts – reasonably foreseeable total of impacts caused by many actions, including the project.
- **Impact metrics include:**
 - Social & economic impacts
 - Environmental resource impacts

Example – Impacts related to induced changes in land use, population density or growth rate, and related effects on the natural environment.



Alternatives Workshop



Illinois Department of Transportation CDOT

Workshop Tools

- Study Area Maps – 4 Stations
 - Grand to LaSalle
 - LaSalle to Diversey
 - Diversey to Montrose
 - Montrose to Hollywood
- 11" x 17" Map Exhibits
 - Overall section
 - Key areas
- Online Mapping App
- Purpose & Need Station
- Workshop Facilitators






Workshop Instructions




Worksheets

- Check the Travel Mode and Purpose & Need point the alternative addresses.
- Provide Zip Code.
- Sketch and/or provide brief description, if desired.
- Record only a single alternative per sheet.
- No limit on number of alternatives submitted.

PURPOSE & NEED CATEGORY

(Check all that apply to your idea)

<p>Safety</p> <p><input type="checkbox"/> Vehicular Safety</p> <p><input type="checkbox"/> Non-motorized Travel Safety</p> <p>Mobility</p> <p><input type="checkbox"/> Vehicular Mobility</p> <p><input type="checkbox"/> Transit Mobility</p> <p><input type="checkbox"/> Lakefront Trail Mobility</p> <p>Infrastructure</p> <p><input type="checkbox"/> Infrastructure Element</p>	<p>Access & Circulation</p> <p><input type="checkbox"/> Non-motorized access to Lincoln Park</p> <p><input type="checkbox"/> Transit access to Lincoln Park</p> <p><input type="checkbox"/> Vehicular Access to Lincoln Park</p> <p>Modal Connections & Opportunities</p> <p><input type="checkbox"/> Connection Element</p>
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How to Record Your Idea

➤ Ideas to Redefine the Drive
Chicago Avenue Intersection

INSTRUCTIONS:

1. Check Mode box indicating which travel mode your idea reflects.
2. Check Purpose & Need box indicating which transportation improvement need is addressed by your idea at this location.
3. Sketch your idea on the aerial exhibit and/or describe it in words.
4. Submit your idea to the project team.

NAME (OPTIONAL): _____ **ZIP CODE (REQUIRED):** 60657

North Lake Shore Drive Phase I Study

MODE	PURPOSE & NEED CATEGORY	DESCRIPTION
<input checked="" type="checkbox"/> Vehicular <input type="checkbox"/> Transit <input checked="" type="checkbox"/> Non-motorized	<p>(Check all that apply to your idea)</p> <p>Safety</p> <input checked="" type="checkbox"/> Vehicular Safety <input checked="" type="checkbox"/> Non-motorized Travel Safety <p>Mobility</p> <input type="checkbox"/> Vehicular Mobility <input type="checkbox"/> Transit Mobility <input checked="" type="checkbox"/> Lakeshore Trail Mobility <p>Infrastructure</p> <input type="checkbox"/> Infrastructure Element	<p>(Check all that apply to your idea)</p> <p>Access & Circulation</p> <input checked="" type="checkbox"/> Non-motorized access to Lincoln Park <input type="checkbox"/> Transit access to Lincoln Park <input type="checkbox"/> Vehicular Access to Lincoln Park <p>Modal Connections & Opportunities</p> <input type="checkbox"/> Connection Element

DESCRIPTION:

Replace the Chicago Avenue signal with an underpass junction. Separate the Outer Drive from the Inner Drive with a landscaped buffer. Provide a wide landscaped green space east of the Drive along the shoreline. Widen the Lakefront Trail and separate it from a lakeshore promenade. Construct a landscaped pedestrian bridge over all roadways and create a grand entry to the Lakefront. Build a separate west side commuter path.

How to Record Your Idea

➤ Ideas to Redefine the Drive
Elevation View - Grand Avenue To Oak Street

INSTRUCTIONS:

1. Check Mode box indicating which travel mode your idea reflects.
2. Check Purpose & Need box indicating which transportation improvement need is addressed by your idea at this location.
3. Sketch your idea on the proposed elevation and/or describe it in words.
4. Submit your idea to the project team.

NAME (OPTIONAL): _____ **ZIP CODE (REQUIRED):** 60657

North Lake Shore Drive Phase I Study

MODE	PURPOSE & NEED CATEGORY	DESCRIPTION
<input checked="" type="checkbox"/> Vehicular <input type="checkbox"/> Transit <input checked="" type="checkbox"/> Non-motorized	<p>(Check all that apply to your idea)</p> <p>Safety</p> <input checked="" type="checkbox"/> Vehicular Safety <input checked="" type="checkbox"/> Non-motorized Travel Safety <p>Mobility</p> <input type="checkbox"/> Vehicular Mobility <input type="checkbox"/> Transit Mobility <input checked="" type="checkbox"/> Lakeshore Trail Mobility <p>Infrastructure</p> <input type="checkbox"/> Infrastructure Element	<p>(Check all that apply to your idea)</p> <p>Access & Circulation</p> <input type="checkbox"/> Non-motorized access to Lincoln Park <input type="checkbox"/> Transit access to Lincoln Park <input type="checkbox"/> Vehicular Access to Lincoln Park <p>Modal Connections & Opportunities</p> <input type="checkbox"/> Connection Element


DESCRIPTION:

Separate the Outer Drive from the Inner Drive with a landscaped buffer. Provide a wide landscaped green space east of the Outer Drive along the shoreline. Widen the Lakefront trail and separate it from a lakeshore promenade. Build a separate west side commuter path for bicycle commuters.




Sheet A-4

Workshop Instructions

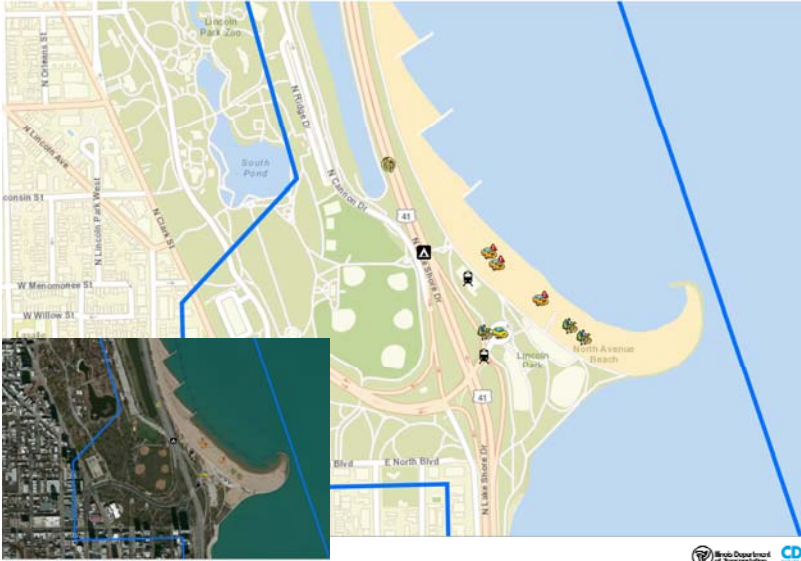
Mapping App






- www.northlakeshoredrive.org
- Click on map to share an idea.
- Select which Purpose & Need point the alternative addresses.
- Provide a brief description.
- Provide Zip Code.
- No limit on number of alternatives submitted.

How to Record Your Idea



How to Record Your Idea

Give Us Your Idea

Purpose & Need Category:

Comment: Enter comment
1000 characters remaining.

Name: (Optional)

Email: (Optional)

ZIP: 5-digit ZIP code

Attach: Select

Submit Cancel

Application Help

Legend

Purpose & Need Category


- Vehicular Safety
- Non-motorized Travel Safety
- Vehicular Mobility
- Transit Mobility
- Lakefront Trail Mobility
- Connection Element
- Infrastructure Element
- Non-motorized Access to Lincoln Park
- Transit Access to Lincoln Park
- Vehicular Access to North Lake Shore

North Lake Shore Drive Study Area

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Next Steps

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Next Steps

- Continue to refine draft Purpose & Need Statement.
- Review alternatives for fatal flaws and begin screening process.
- Conduct general public meeting in June with the same alternatives exercise.
- Present the P&N to regulatory agencies in June.
- Next Task Force meeting in fall 2014 to present summary of suggested alternatives.


Thank You

- You can leave as soon as you have provided all your ideas.
- Submit comments by April 24th.

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