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 NLSD 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

www.northlakeshoredrive.org
Purpose & Need Statement

Questions?

Alternatives Development Process
Phase I Study Process

Alternatives Development & Evaluation
Alternatives Development & Evaluation

Stakeholder Involvement and Agency Input

Data Collection
Purpose & Need
Alternatives Development & Evaluation
Initial Alternatives
Alternatives Carried Forward
Finalist Alternatives
Preferred Alternative

- Establish transportation performance criteria
- Identify existing environmental constraints
- Sketch alternatives
- Eliminate alternatives and combinations that do not address Purpose & Need
- Compare transportation benefits of alternatives — eliminate underperforming alternatives

Alternatives Development & Evaluation

Stakeholder Involvement and Agency Input

Data Collection
Purpose & Need
Alternatives Development & Evaluation
Initial Alternatives
Alternatives Carried Forward
Preferred Alternative

- Assemble multi-modal alternatives
- Refine transportation features
- Assess right-of-way & environmental impacts — eliminate higher impact alternatives
Alternatives Development & Evaluation

Stakeholder involvement and Agency input

Data Collection  Purpose & Need  Initial Alternatives  Alternatives Carried Forward  Finalist Alternatives  Preferred Alternative

**Finalist Alternatives**
- Refine transportation features
- Refine right-of-way footprint
- Perform detailed environmental analysis & review
- Develop cost estimates
- Evaluate performance, impacts and costs
- Develop detailed mitigation plans
- Prepare and circulate Draft EIS - host public hearing
- Address all DEIS comments

**Initial Alternatives**
- Establish transportation performance criteria
- Identify existing environmental constraints
- Sketch alternatives
- Eliminate alternatives and combinations that do not address Purpose & Need
- Compare transportation benefits of alternatives — eliminate underperforming alternatives
Alternatives Evaluation Process

Fatal Flaw Screening

- Does not address Purpose & Need element.
- Severe impacts are evident.

Either dismiss alternative or modify to eliminate fatal flaw.
Alternatives Evaluation Process

• Transportation Benefit Measures
• Environmental Evaluation Measures

All alternatives are evaluated against the No-Action Alternative.
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
**Workshop Tools**

- Study Area Maps – 4 Stations
  - Grand to LaSalle
  - LaSalle to Diversey
  - Diversey to Montrose
  - Montrose to Hollywood

- Online Mapping App

- Purpose & Need Station

- Workshop Facilitators

- 11” x 17” Map Exhibits
  - Overall section
  - Key areas

**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.
How to Record Your Idea

Idea provided by stakeholder at Public Meeting #1

Idea provided by stakeholder at Public Meeting #1
Workshop Instructions

Mapping App

• [www.northlakeshoredrive.org](http://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

Next Steps
**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.

www.northlakeshoredrive.org