Welcome
• Introductions
• Recap of Task Force/CPC Meeting #5
• Context Tailored Treatments Workshop
• Level 2 Screening Process Preview
• Next Steps
Meeting Held December 2016
72 Attendees
Chicago Park District Lakefront Trail Update
Alternatives Development and Evaluation
  – Review of Level 1 Screening Results
  – Overview of Level 2 Screening Process
Case Study at Montrose/Wilson/Lawrence
# Level 1 Screening Summary

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<thead>
<tr>
<th>INITIAL RANGE OF ALTERNATIVES CATEGORY</th>
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<th>ALTERNATIVES DISMISSED</th>
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Context Tailored Treatments (CTT) are:

- Improvements that assume existing travel lanes are maintained (for the most part)
- Focus on spot safety and operational improvements
- Provide the base for transitway and managed lanes alternatives
- Include bicycle, pedestrian, and transit improvements
The NLSD corridor is separated into 3 sections. One of these sections is on your table.

1) Grand to Diversey
2) Diversey to Montrose
3) Montrose to Hollywood

Within each section, the three Context Tailored Treatment alternatives are depicted on one large exhibit.

1) Corridor Modernization Concept
2) Compressed Roadway Concept
3) Frontage Drive Concept
Corridor Modernization Concept (Alternative 1)
• Modernizes the NLSD facility to improve safety and reduce bottlenecks.

Compressed Roadway Concept (Alternative 2)
• Minimizes transportation footprint.

Frontage Drive Concept (Alternative 3)
• Depresses Outer Drive below grade and splits Inner Drive into one-way frontage drives: Grand to ELSD and Belmont to Montrose.
When reviewing, you’ll notice there are differences and similarities between the alternatives.

We’d appreciate your comments on:

• Issues/concerns with design elements
• Preferences for design elements
• Locations where additional information needed
NLSD Purpose and Need

- Improve safety for all users
- Improve mobility for all users
- Address infrastructure deficiencies
- Improve access and circulation
Shoreline

- Existing shoreline
- Alternative shoreline options
Shoreline Protection

• The City of Chicago and U.S. Army Corps of Engineers are continuously working together on shoreline protection improvements.

• All Context Tailored Treatments include substantial shoreline protection features between Grand Avenue and Fullerton Parkway.

• Shoreline protection features are designed to protect NLSD and the Lakefront Trail from wave overtopping during large storm events.
Revetment Wall Shoreline Concept

Revetment Wall Alternative - Between Oak Street Beach and North Avenue (Section 2a)

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<tr>
<th>Drive</th>
<th>Water Level (ft CCD)</th>
<th>Depth (ft)</th>
<th>Submerged Stone Bench</th>
<th>Flood Berm Elevation (ft CCD)</th>
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<tr>
<td>Drive - At Grade</td>
<td>20 Yr (+4.85)</td>
<td>-13.15</td>
<td>Yes</td>
<td>19.35</td>
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Above current grade

At current grade

Below current grade
Travel Direction

Two-way travel

One-way travel
Pedestrian/Bike Bridges & Underpasses

Proposed Pedestrian/Bike Bridge over Outer Drive

Proposed Pedestrian/Bike Tunnel under Outer Drive

Lake Shore Drive

Pedestrian/Bike Underpass

Pedestrian/Bike Bridge
Underpass

Example Underpass
Grant Park
Bicycle/Pedestrian Trails

Higher Speed Trail is closer to roadway. Lower Speed Trail is closer to park.
Transit Advantage

Bus-Only Facility
Example Embankment
South Lake Shore Drive
Sample Terraced Retaining Wall
I-55 & County Line Rd, Burr Ridge

Sample Terraced Retaining Wall
South Lake Shore Drive
Context Tailored Treatments Workshop

Breakout 1: 40 min
Breakout 2: 30 min
Break: 15 min
Breakout 3: 30 min

BREAKOUT GROUPS
(color assigned groups)
Corridor Modernization Concept (Alternative 1)
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Compressed Roadway Concept (Alternative 2)
• Minimizes transportation footprint.

Frontage Drive Concept (Alternative 3)
• Depresses Outer Drive below grade and splits Inner Drive into one-way frontage drives: Grand to ELSD and Belmont to Montrose.

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• Issues/concerns with design elements
• Preferences for design elements
• Locations where additional information needed
Level 2 Screening Process
Review & Next Steps
Level 2 Screening Process

- Purpose & Need Statement contains the overall screening criteria:
  - Safety
  - Mobility
  - Infrastructure deficiencies
  - Access and circulation
- Identified Environmental Resources
- Evaluate Stakeholder Feedback
- Identify Measures for each Criterion
- Test each Alternative based on Criteria/Measures
- Present Results for Consideration
NLSD Phase I Study Next Steps

- NTTS Community Meeting: June 6, Senn High School
- Public Meeting #3: July 12, DePaul University
- Incorporate feedback and continue analyses
- Continue alternatives development and conduct Level 2 screening
  - Task Force #7:
    - Fall 2017
    - Level 2 Criteria
    - Transitways
    - Managed Lanes
Questions?
North Lake Shore Drive

www.northlakeshoreshoredrive.org

Thank You