Ladd Arboretum Multiuse Trail

Council Presentation
Monday, February 17, 2014

Suzette Robinson, Director of Public Works
Homayoon Pirooz, P.E., Assistant Director of Public Works
Stefanie Levine, RLA, Senior Project Manager
Ladd Arboretum Multiuse Trail

- Background
- Progress To Date
- Next Steps

Meeting Agenda
Ladd Arboretum Multiuse Trail

- Arboretum construction completed in 1961
- 0.9 miles long (Emerson to Greenbay)
- 8’ wide, gravel
- 2007 master plan recommended reconstruction on same alignment

Background
Ladd Arboretum Multiuse Trail

- Limited use during winter / inclement weather due to poor drainage

- Path surface material

- Poor connections at street intersections (Bridge / McCormick shown)

- Poor visibility from street for students between Bridge and Greenbay

Background
Ladd Arboretum Multiuse Trail

• May 2012: City applied for Illinois Transportation Enhancement Program (ITEP) funding to reconstruct multiuse trail

• February 2013: City received approval for $580,000 through ITEP ($145,000 City share)

• Summer 2013: Preliminary data collection initiated

• October 8, 2013: Neighborhood meeting held regarding preliminary alignment, cross section and paving materials (approximately 11 participants)

• February 17, 2014: Council presentation

Progress To Date
Ladd Arboretum Multiuse Trail

• Complete Phase 1 (preliminary) engineering: Spring 2014

• Complete Phase 2 (construction documents) Engineering: Fall 2014

• Construction Letting: Spring 2015 (by IDOT)

• Construct Project: Summer 2015

Next Steps
Ladd Arboretum Multiuse Trail

Typical Cross Section
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS

MCCORMICK BOULEVARD

NORTH SHORE CHANNEL

EMERSON STREET
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS

POTENTIAL TREE RELOCATIONS
Ladd Arboretum Multiuse Trail

EXISTING CONDITIONS

PROPOSED CONDITIONS
## Ladd Arboretum Multiuse Trail

### Paving Material Selection Criteria

<table>
<thead>
<tr>
<th>Positive Attributes</th>
<th>Feature</th>
<th>Asphalt *</th>
<th>Concrete</th>
<th>Crushed Stone</th>
<th>Permeable Asphalt</th>
<th>Permeable Concrete</th>
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<tbody>
<tr>
<td></td>
<td>Low installation cost</td>
<td>X</td>
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<td></td>
<td>Low maintenance costs</td>
<td>X</td>
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<tr>
<td></td>
<td>Can be plowed</td>
<td>X</td>
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<td></td>
<td>Good drainage control</td>
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<td></td>
<td>Less “developed” appearance</td>
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<td></td>
<td>Stable riding surface</td>
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</table>

<table>
<thead>
<tr>
<th>Negative Attributes</th>
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<tbody>
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<td>High installation cost</td>
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<td>Creates drainage concerns</td>
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* Staff recommendation

Paving Material Selection Criteria

15
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Comments / Questions?

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