Calumet Trail Rehabilitation
Alternatives Phase

• Review of Analysis
• Review of Public Input
  ➢ Stakeholder Workshop 4/3/13
  ➢ Public Meeting 4/3/13
  ➢ Public Meeting 6/6/13
• Preliminary Design Alternatives
  ➢ The High & Dry
  ➢ The Green Mile
  ➢ Green Acres
• Preferred Alternative
Analysis

Opportunities & Constraints
Program

• Trail will be 10’ wide (AASHTO recommended bike trail standard).

• Trail surface will meet requirements of ADA (Americans with Disabilities Act).

• Trail will NOT be underwater.

• At minimum, Trail drainage will be improved to Regulatory Standards.

• Trail will be well signed with clear views to promote safety.

• Trail will include seating and waste receptacles for comfort and cleanliness.

• Trail will do no harm to native vegetation and wildlife.

• Stewards of the Trail will be identified.
Stakeholder Workshop & Public Meetings
Stakeholder Workshop & Public Meetings

Kit of Parts

**PAVINGS**
- Trail not to be 4" wide (ADA/HCP compliance limits trail width)
- Trail surface will meet requirements of AHA (Americans with Disabilities Act)

**DRAINAGE**
- Trail will NOT be underground
- An minimum Trail drainage improved to Regulatory Standards

**NODES**
- Trail will be well signed with clear views of process safety
- Trail will include seating and areas accessible for comfort and visibility

**HABITAT**
- Trail will do not attempt to reverse vegetation and aquatic
- Elements of the Trail will be included

*Images of various trail designs and features are shown, including aggregate breaking signs, open drainage systems, and habitat signs.*

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**CALUMET TRAIL**

Porter County | Calumet Trail Rehabilitation

*Image of a calumet trail with the words Porter County Calumet Trail Rehabilitation.*
Stakeholder Workshop & Public Meetings

Present:
- PC Parks – Walter Lenckos, Ray Joseph
- SEH – Craig Hendrix, Nick Minich
- NPS – Eric Ehn
- Soil Solutions – Lydia Miramontes Loyd
- South Shore Trails – Kevin Crawford, Dan Parker
- Valpo Pathways – Chuck Ventura
- TNC – Susan Mihalo
- Shirley Heinze – Barbara Plampin
- Izaak Walton – Jim Sweeney
- USGS – Noel Pavlovic
- Cal Striders – Steve Kearney
- Chesterton Tribune – Jeff Schultz
- NIPSCO – Sean Fox
- Residents – Michelle Minich, Steve Genovese, John Buth, Lou Mellen
- Dunes State Park – Brandt Baughman
- Isaac Walton League – Charlotte Read, Herb Read
- Town of Porter – Jeanine Virtue
- Cause2Compete – Tom Taylor
- Duneland Chamber – Heather Ennis
- Porter County Park Board
- Porter County Parks Staff
Stakeholder Workshop & Public Meetings

• Five SimTrail Scenarios created at the Workshop, two more created at the Public meeting

• Range of pavings, lengths, amenities, and habitat restoration chosen for seven gameboards

• Tallied votes (at right) at odds with created gameboards, where costs were attached to trail elements

• Desired a medium level of paving, low level of drainage, low level of amenities at nodes, and a medium level for habitat improvement.

• Gameboards prioritized pavings and drainage over habitat

<table>
<thead>
<tr>
<th>Votes tallied:</th>
<th>Pavings</th>
<th>Drainage</th>
<th>Nodes</th>
<th>Habitat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td>1</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Low</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>10</td>
<td>4</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>High</td>
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<td>1</td>
<td>4</td>
<td>5</td>
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<tr>
<td>Total votes</td>
<td>20</td>
<td>17</td>
<td>19</td>
<td>14</td>
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</tbody>
</table>
SimTrail Synthesis

- **A = 2,800'**: Asphalt with concrete curb, decentralized drainage and restored landscape.
- **B = 2,900'**: Asphalt with concrete curb and shoulders, managed drainage, and improved plant management.
- **C = 1,715'**: Crushed stone surface, exceed minimum number of culverts.
- **D = 4,150'**: Crushed stone surface, exceed minimum number of culverts and improve plant management.
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Alternatives

Cross sections

10’ Asphalt Trail with 2’ Aggregate Shoulder
Alternatives

Cross sections

10’ Asphalt Trail with 1’ Ribbon Curb
Alternatives

The High & Dry
Alternatives

The Green Mile
Alternatives

Green Acres
## Alternatives Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>Alternative 1: High &amp; Dry</th>
<th>Alternative 2: The Green Mile</th>
<th>Alternative 3: Green Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durability of Paved Surface</td>
<td>![3 points]</td>
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<tr>
<td>Effectiveness of Drainage to keep trail dry</td>
<td>![2 points]</td>
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<tr>
<td>Effectiveness of Drainage to enhance habitat</td>
<td>![1 point]</td>
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</tr>
<tr>
<td>Length of Improved Trail</td>
<td>![3 points]</td>
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<tr>
<td>Amenities along Trail</td>
<td>![3 points]</td>
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<td></td>
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<tr>
<td>Connectivity</td>
<td>![3 points]</td>
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<td></td>
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<tr>
<td>Minimal disruption of existing high quality flora &amp; fauna</td>
<td>![3 points]</td>
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<td></td>
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<tr>
<td>Habitat enhancement through landscape restoration</td>
<td>![3 points]</td>
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<tr>
<td>Beautification of high visibility areas</td>
<td>![3 points]</td>
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<tr>
<td>Ease of Implementation</td>
<td>![3 points]</td>
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<tr>
<td><strong>Total Score</strong></td>
<td><strong>25</strong></td>
<td><strong>23</strong></td>
<td><strong>24</strong></td>
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Preferred Alternative
Thank you!