History

- Designated by the Indiana General Assembly in 1981 under Governor Otis Bowen
- Established under IC 14-13-2
  - Initially as a 11 member board and changed to a 5 member board in 2009
- 22 miles of levee
- Congress Approved Little Calumet River project in 1986
- First Little Calumet River project started in 1990
New Legislation

- **As of August 1, 2012**
  - 9 members appointed by Governor
  - 1 member nominated by Mayor of Gary
  - 1 member nominated by Mayor of Hammond
  - 2 members nominated by County Commissioners
  - Fees placed on Property Owners in the Watershed
  - Formation of Advisory Board
Little Calumet River Levee Systems
Little Calumet Watershed
Little Calumet River Flood Reduction Project

- October 1954 – Flood of Record; estimated damages $217M
- April 1981 – Stateline Flood; estimated damages $89M
- May 1989 – Highland, Gary, Deep River; estimated damages $172M
- November 1990 – New Flood of Record; I-80/94, Highland (Wicker Park), Gary; estimated damages $288M
- September 2006 – Highland and Griffith (primarily interior flooding); estimated damages $131M
- September 2007 – I-80/94 Expressway, Hammond, Cabala's; estimated damages $217M
- September 2008 – New Flood of Record; I-80/94 Expressway, Munster, and Gary; estimated damages $881M

1 Estimate damages based on depth-damage curves, including uncertainty; damages reported in 2011 dollars.
Cabela’s Flooding - 2007

Overtopping Breach @ Cabela’s
(low point in old levee)
Little Calumet River Flood Reduction Project

Borman Expressway at Kennedy Ave
Little Calumet River Flood Reduction Project
Columbia Avenue - 2008
2008 Flood

- Construction complete from Kennedy Ave to east
- Stages 5-2 under construction
- Flooding in Gary due to road closures not being installed at Chase Street, 35th Street, Grant Street, Harrison Street, and through Sewers connected to river
- Borman Expressway flooded in numerous locations in Gary and Hammond due to incomplete construction of Stage 5-2 near Kennedy and failure to install road closures
- Severe Flooding in Munster from breach of old levee near Columbia Ave and at Calumet Ave.
Little Calumet River Flood Reduction Project
Flooding in Gary - 2008

Green = levee
Yellow = floodwall
Red = closure structure
Chase Street Closure
After
Manholes
Manhole Extensions
Chase Street 60” Sewer
Four Culverts Under Railroad
After
Chase Street

Before

After
Chase Street

USGS 41339087223001 LITTLE CALUMET RIVER AT BURR STREET AT GARY, IL

Gage height, feet

--- Provisional Data Subject to Revision ---
## Little Calumet River Flood Reduction Project

### Current Ratings

<table>
<thead>
<tr>
<th>LEVEE SEGMENT</th>
<th>SEGMENT RATING</th>
<th>SYSTEM RATING</th>
<th>STATUS</th>
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<tbody>
<tr>
<td>Marshalltown</td>
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<td>Unacceptable</td>
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<tr>
<td>Gary – South</td>
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<tr>
<td>Gary – North</td>
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<td>Gary – Burr Street</td>
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<tr>
<td>Griffith</td>
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<td>Highland</td>
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<td>ACTIVE</td>
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<tr>
<td>Hammond – East (Northcote to Cline)</td>
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<td>ACTIVE</td>
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<tr>
<td>Hammond – West (Hohman to Northcote)</td>
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<td>In Construction</td>
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<tr>
<td>Munster</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
Operation and Maintenance

- Hammond
- Highland
- Gary
- Griffith
- Munster
- State of Indiana Department of Transportation
- NIPSCO
- Purdue Calumet Students
- Friends of the Little Calumet River
River Storage in Gary

<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
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<tbody>
<tr>
<td><img src="image1.png" alt="Before" /></td>
<td><img src="image2.png" alt="After" /></td>
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Challenges
Clark Street Culverts in Gary

Before

After
Recurring Blockages
There are no access points into the river for O&M

Most work must be done by hand

Broadway Avenue Dam
Animal Damage
Missing Parts
Pipes Breaking
Crack in Discharge Pump Station Discharge Pipe
Erosion
10 Inch Ruts on Levee
New Bike Trails
Little Calumet River Fest
Questions?

Contact Info:
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Munster, IN 46321
219-595-0599

E-mail
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