Little Calumet River Basin Commission

EXECUTIVE DIRECTOR
DAN REPAY
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 Watershed
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

Kennedy Ave Flooding - 2007

Open Flapgate & Sluice Gate
Little Calumet River Flood Reduction Project

Borman Expressway at Kennedy Ave
Little Calumet River Flood Reduction Project
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

Chase Street
Harrison Street
I-65/I-80 Interchange
Borman Expressway

35th & Chase St
Grant Street
Indiana University

Green = levee
Yellow = floodwall
Red = closure structure
Chase Street Closure
After
Manholes
Manhole Extensions
Chase Street 60” Sewer
Four Culverts Under Railroad
After
<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
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<tbody>
<tr>
<td><img src="image1" alt="Before Image" /></td>
<td><img src="image2" alt="After Image" /></td>
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<tr>
<td>LEVEE SEGMENT</td>
<td>SEGMENT RATING</td>
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<tr>
<td>Marshalltown</td>
<td>Unacceptable</td>
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<td>Gary – South</td>
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<td>Gary – North</td>
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<td>Gary – Burr Street</td>
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<td>Griffith</td>
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<td>Highland</td>
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<td>Hammond – East</td>
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<td>Hammond – West</td>
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<td>(Hohman to Northcote)</td>
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<td>Munster</td>
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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

Before

After
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?

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