**WATER-RELATED INFRASTRUCTURE FUNDING NEEDS FOR INDIANA**

For Interim Legislative Study Committee on Environmental Affairs

10.28.2015

Indiana Water, Wastewater & Storm water Need

- Drinking Water: $6.64 B
- Combined Sewer Overflows: $3.64 B
- Wastewater Conveyance/Treatment: $3.62 B
- Septic Needs: $1.04 B
- Storm water: $786 M
- Total Need: $15.72 B

(Costs are shown in 2014 dollars and represent a twenty year period from 2015 – 2034 upcoming: Water & Wastewater Financial Needs Interim Report, Indiana Public Policy Institute: Indianapolis.)
Indiana Dam Rehabilitation Need

- Dams: $180 M Rehabilitation Costs
- $10.8 M Annual O&M
- 1,088 registered dams
- 57% considered conditionally poor or worse

- Not considering downstream loss associated with failure.

Indiana Levees

- 270 miles of federally regulated levees
- 1,530 miles of locally owned levees
- $1.8 B to repair and rehabilitate
- ~$1 M rehabilitation cost/ levee mile

- Not considering flood loss associated with failure.
One City: Muncie

Water Infrastructure Funding Challenges

- Combined Sewer Overflow Long Term Control Plan Implementation (next 15 years) = $160 M
- Downtown & Neighborhood Flood Control Projects (next 5 years) = $15 M
- New Drinking Water Treatment Plant (Under Construction) = $14 M
- Regulatory Driven Plant Upgrades at Sewage Treatment Plant (next 15 years) = $10 M
- Re-Certify and Upgrade Existing Levee System along the White River (next 5 years) = TBD

Muncie
Muncie Decision: $4 M vs. $1.5 M?
Number of DW & WW Projects Completed in Indiana
2010 vs. 2014

<table>
<thead>
<tr>
<th>Year</th>
<th>SRF (DW and WW)</th>
<th>RD (DW and WW)</th>
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<tbody>
<tr>
<td>2010 (ARRA)</td>
<td>100</td>
<td>27</td>
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<tr>
<td>2014</td>
<td>23</td>
<td>10</td>
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Assistance Provided for DW & WW Projects Completed in Indiana
2010 vs. 2014

<table>
<thead>
<tr>
<th>Year</th>
<th>SRF (DW and WW)</th>
<th>RD (DW and WW)</th>
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<tbody>
<tr>
<td>2010 (ARRA)</td>
<td>$458,802,902</td>
<td>$79,204,385</td>
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<td>2014</td>
<td>$103,640,801</td>
<td>$29,329,500</td>
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What next?

- Economic impacts
  Stagnation/decline or economic development?

- Public health/environment impacts
  At risk or thrive in future?

- Local impacts
  SRF/RD/OCRA fully used now
  Demand far outpaces Funds
  Rate payers have done as much as they can do

Sources

- http://www.infrastructurereportcard.org/indiana/indiana-overview/
- http://www.infrastructurereportcard.org/a/#p/levees/conditions-and-capacity
Contact Us!

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