



**Cleveland  
Metroparks**

**100  
YEARS**

**Hinckley Lake Dam**

**August 17, 2017**

# Hinckley Lake Dam – Michael Baker International, Inc. Project Experience

NAME OF DAM	COMPLETION DATE	ORIGINAL BID	FINAL/CURRENT CONSTRUCTION VALUE	COMMENTS
Canonsburg Dam	July 2012	\$2.3 million	\$2.1 million	<ul style="list-style-type: none"> <li>• One Month <u>Ahead</u> of schedule</li> <li>• On budget</li> </ul>
Lake Jackson Dam	April 2014	\$1.4 million	\$1.3 million	<ul style="list-style-type: none"> <li>• On schedule &amp; Budget</li> </ul>
Comfort Lake Dam	November 2014	\$1.0 million	\$1.0 million	<ul style="list-style-type: none"> <li>• On schedule &amp; Budget</li> </ul>
Pike Lake Dam	November 2014	\$3.4 million	\$3.4 million	<ul style="list-style-type: none"> <li>• On schedule &amp; Budget</li> <li>• \$325,000 of Owner directed project enhancements</li> <li>• \$67,000 in deductions.</li> </ul>
Roosevelt Lake Dam and Pond Lick Dam	November 2014	\$7.0 million	\$6.9 million	<ul style="list-style-type: none"> <li>• On schedule &amp; Budget</li> <li>• \$740,000 of Owner directed project enhancements</li> <li>• \$200,000 in deductions.</li> </ul>
Buckeye Lake Dam	Phase I – June 2016	\$37.5 million	\$37.5 million	<ul style="list-style-type: none"> <li>• Extremely aggressive schedule</li> <li>• Intense public scrutiny</li> </ul>
Mt Gilead Dam	October 2017	\$6.1 million	\$6.1 million *	<ul style="list-style-type: none"> <li>• Successfully bid</li> <li>• Construction is on schedule.</li> </ul>
Lake Loramie Dam	April 2018	\$4.2 million	\$4.2 million *	<ul style="list-style-type: none"> <li>• Successfully bid</li> <li>• Construction is on schedule.</li> </ul>
Blue Rock Dam	July 2018	\$3.9 million	\$3.9 million *	<ul style="list-style-type: none"> <li>• Successfully bid</li> <li>• Construction to begin July 2017</li> </ul>

\* Construction in Progress

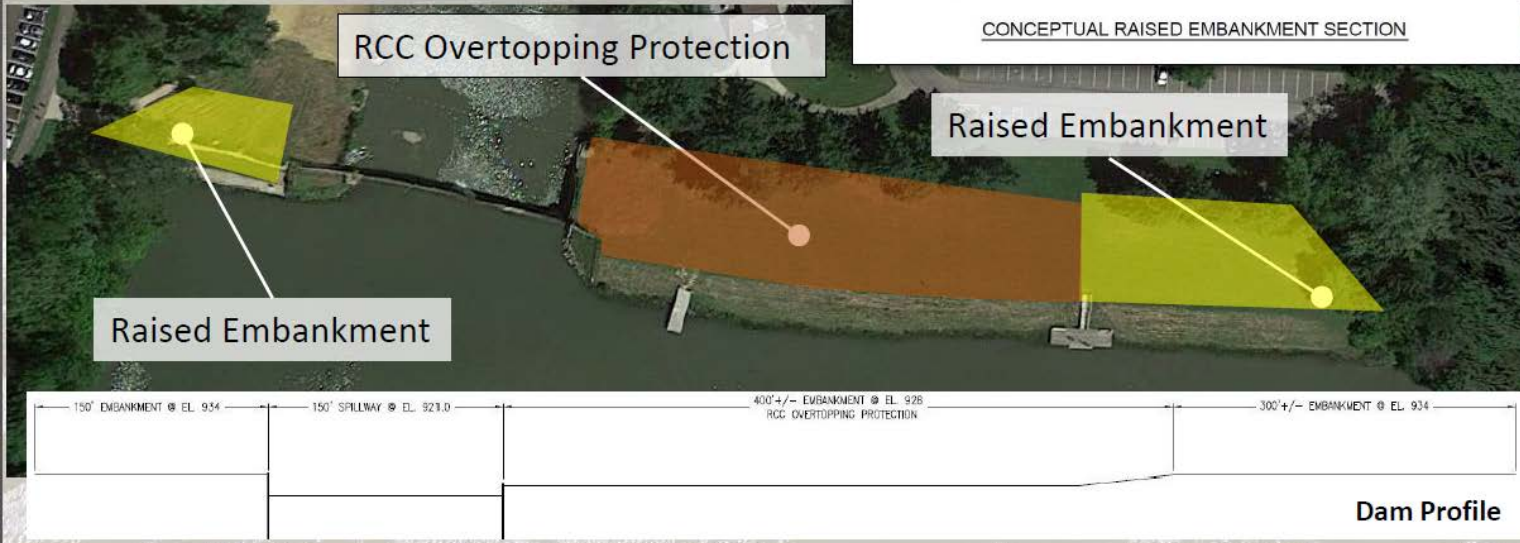
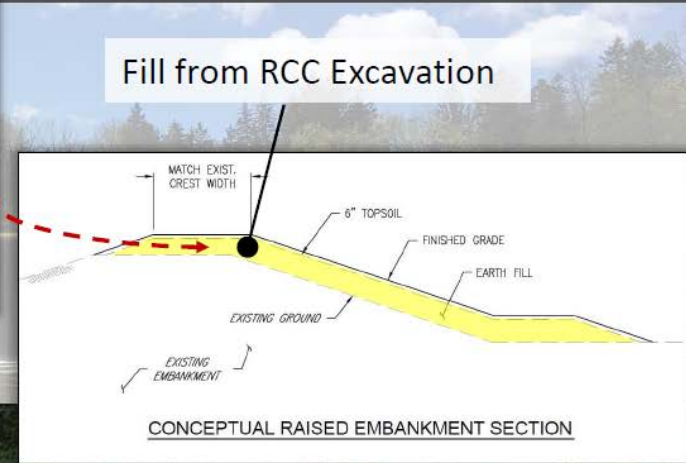
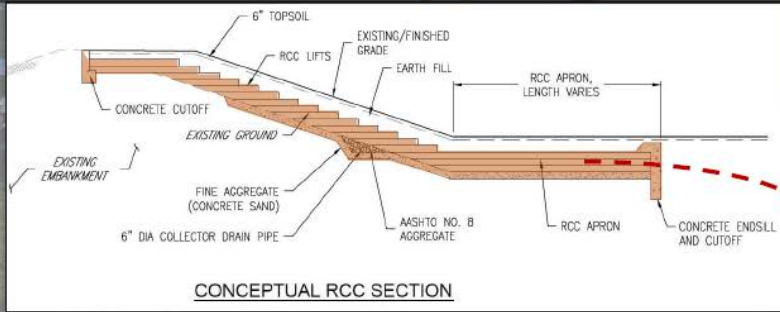


Hinckley Reservation  
Existing Conditions: Dam and Spillway

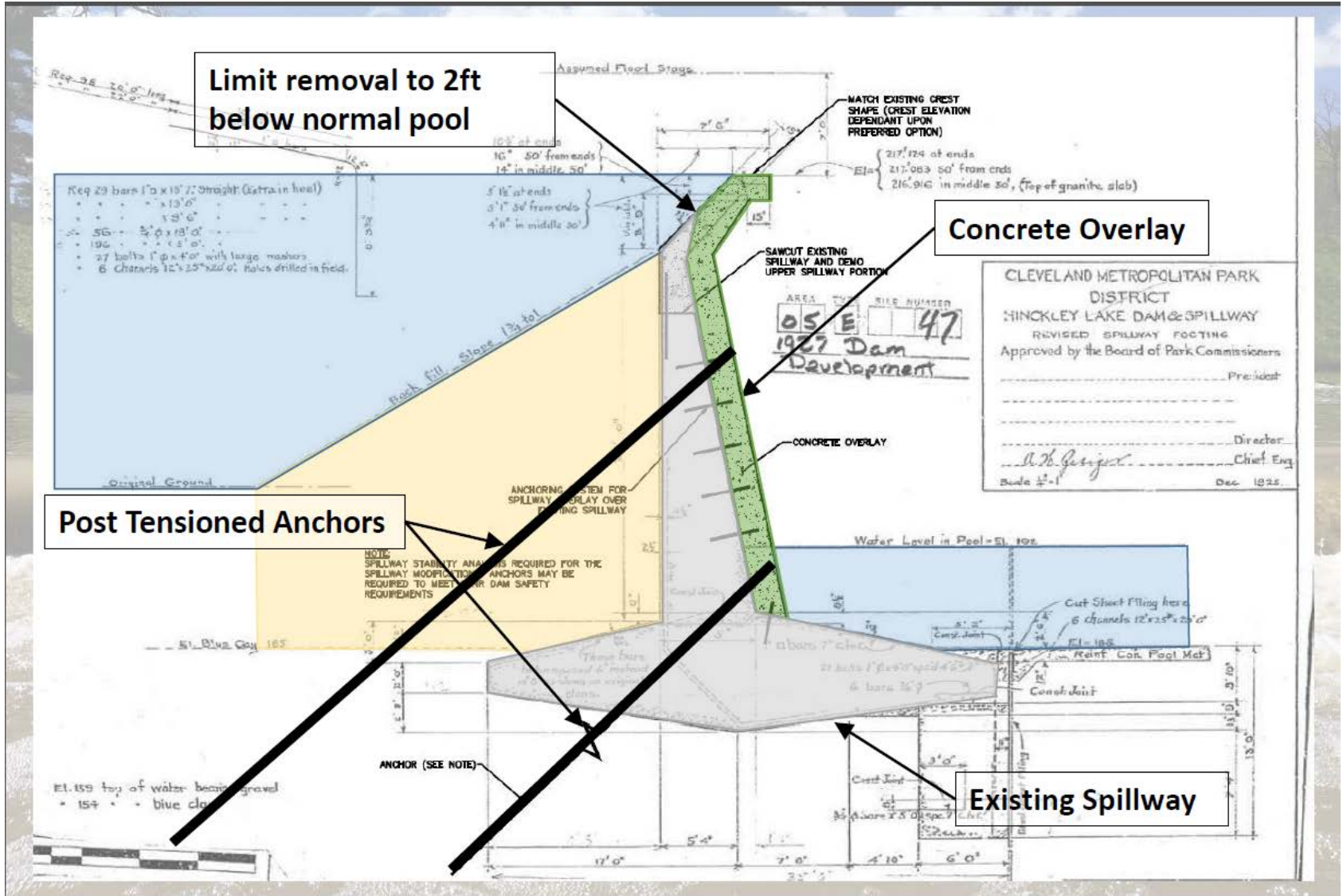


# Hinckley Lake Dam

## Value Engineering – Raised Embankment/ RCC Overtopping Protection Combination



# Hinckley Lake Dam



# Hinckley Lake Dam – Post Tensioned Anchors



# Hinckley Lake Dam – Geotechnical Evaluation



# Hinckley Lake Dam – Geotechnical Evaluation

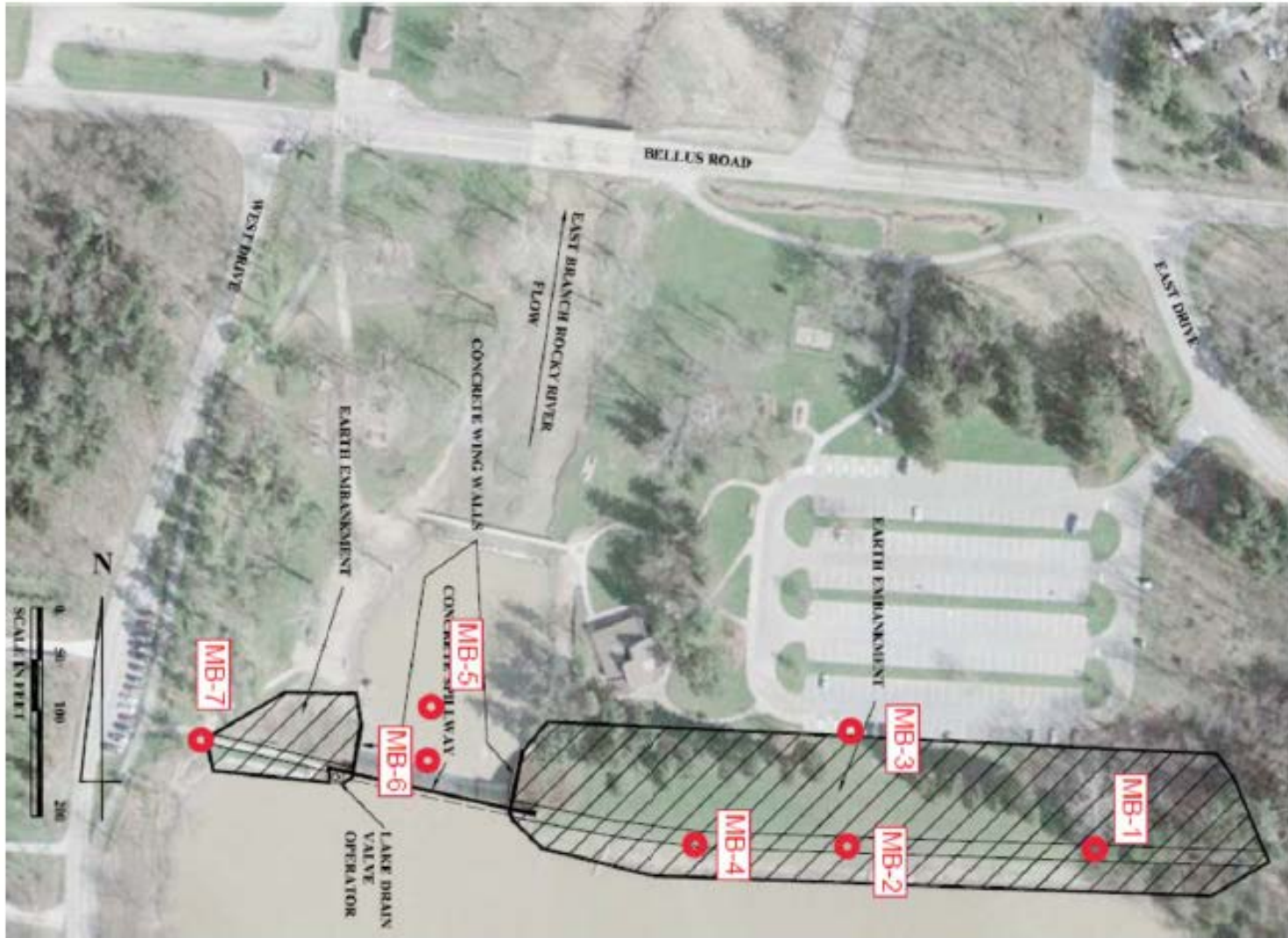


Figure 1 - Preliminary Boring Locations



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