



# ***Project Update***

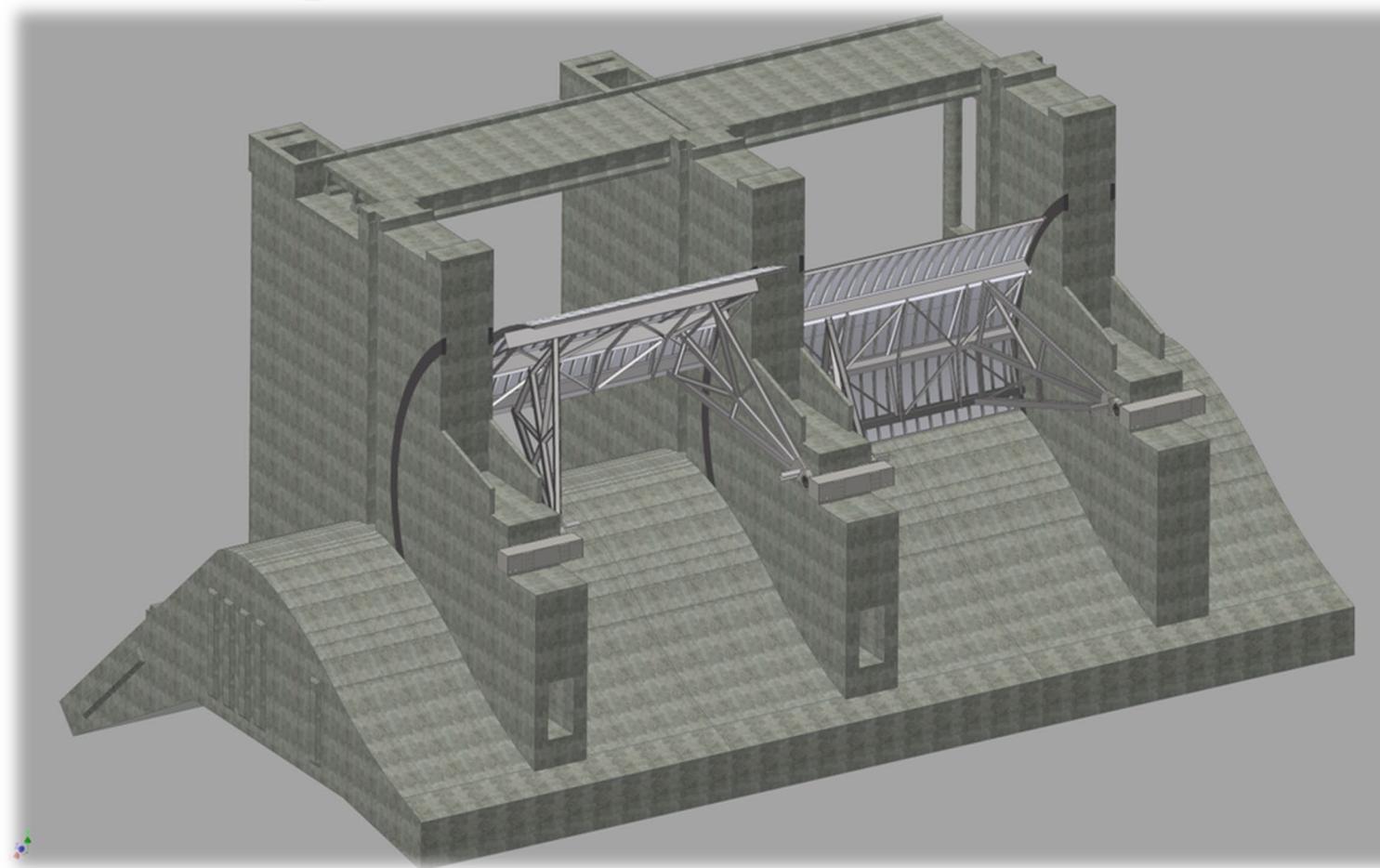
***Presented by***

***Blake Kettler***

***Technical Services Manager***



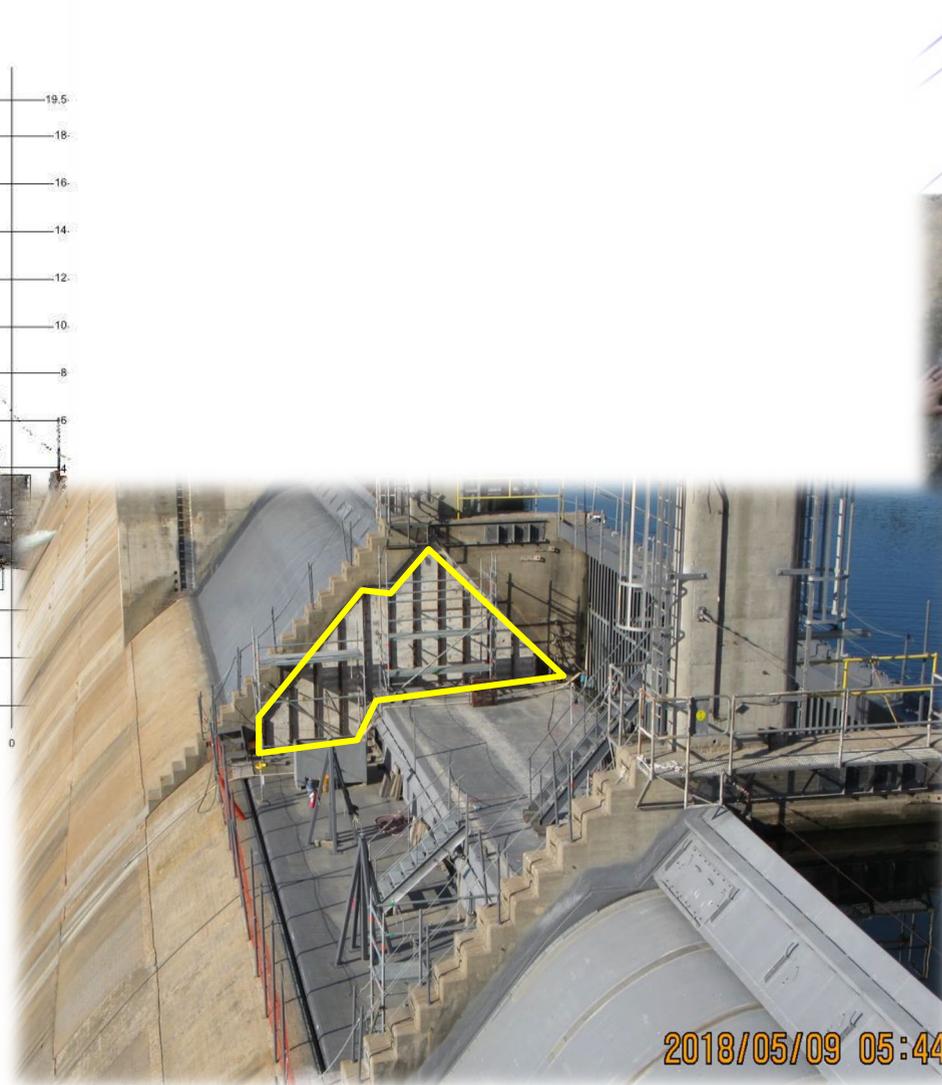
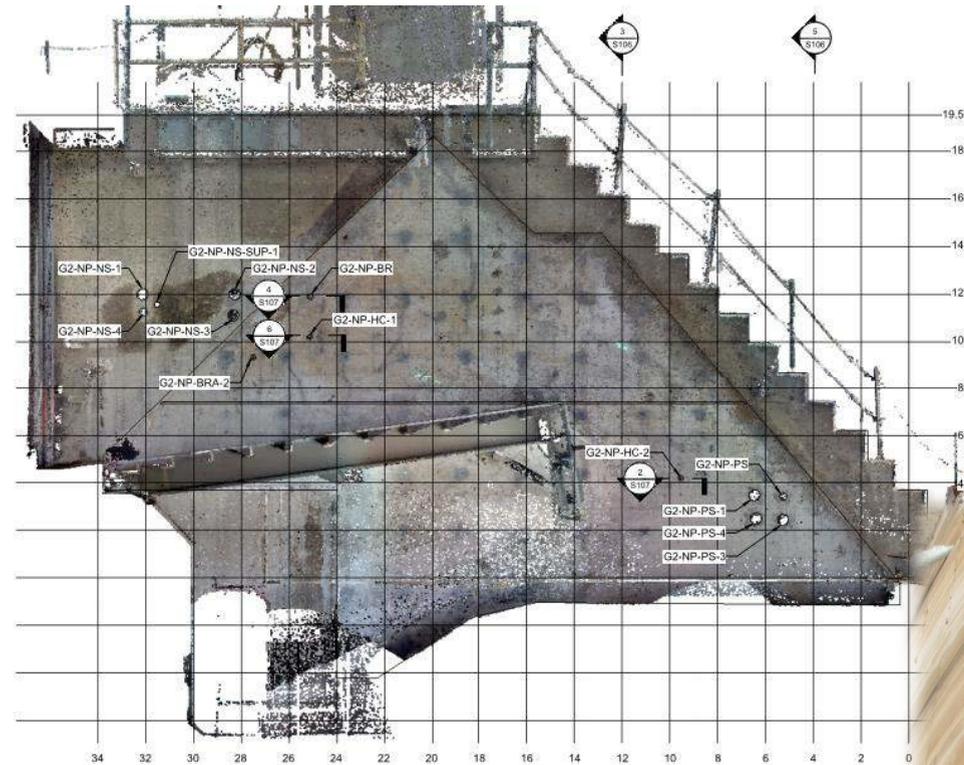
# Lake Limestone Improvements



60% Design Submittal Soon



# Morris Sheppard Side Seal Plate Improvements



Fabrication and Construction Underway



# *Spillway Pump and Piping*



**Request For Proposals Posted**



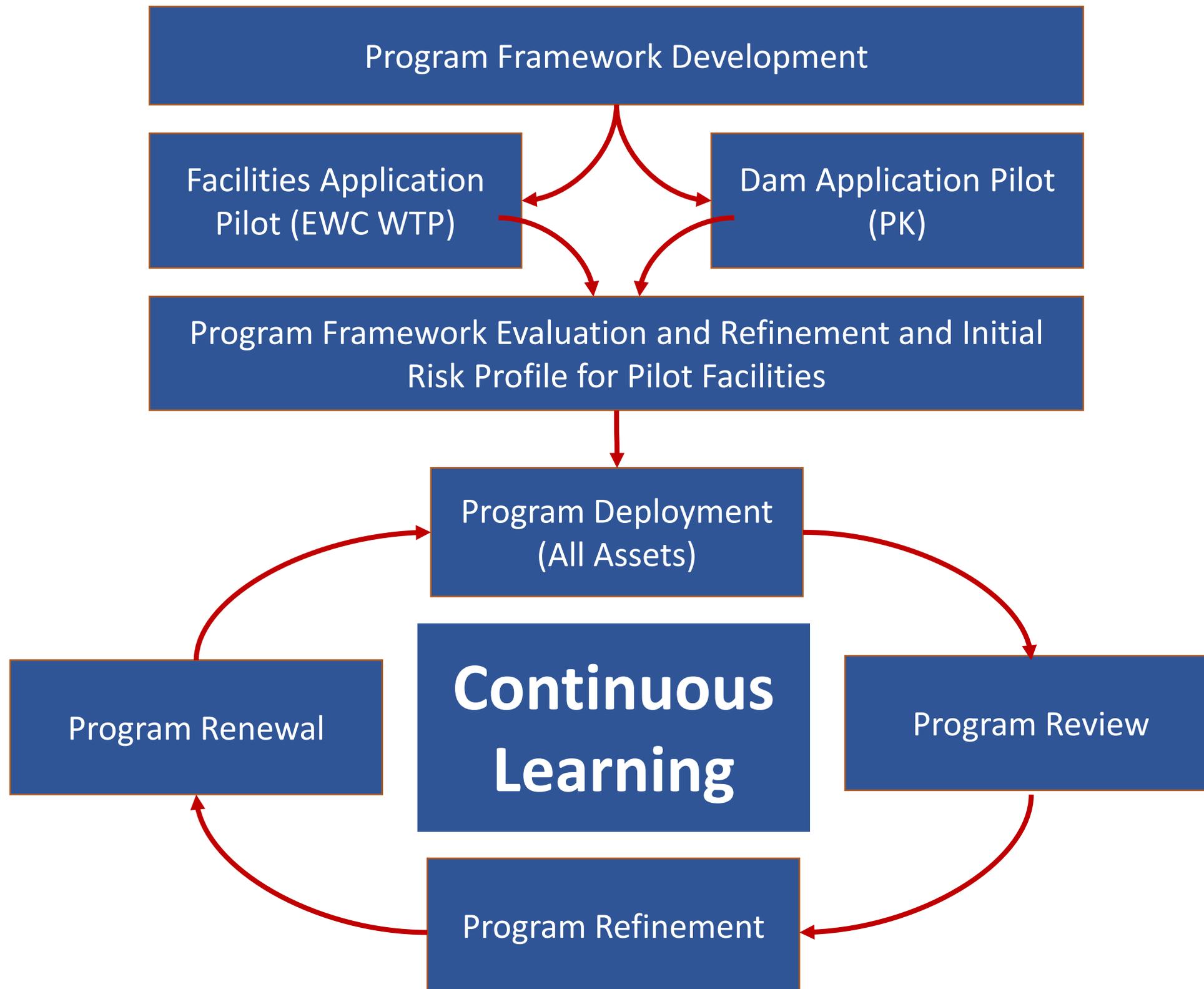
# ***Risk-Based Asset Management Program***

## **MicroMain (Current System)**

- **Maintenance Management Software – Tracks asset costs, preventative/demand maintenance, labor tracking, warranty, parts, etc.**

## **Moving Forward...Risk-Based AMP**

- **Implement a risk-based asset management program**
- **Rank assets based on risk (likelihood of failure x consequence of failure x redundancy)**
- **Prioritize rehabilitation replacement projects based upon risk**
- **Develop a long term capital replacement plan**





# ***Integrated Water Resource Plan (IWRP)***

## **Development of a comprehensive Integrated Water Resources Plan**

- 1) Leverage advanced planning, modeling, and decision-making techniques to build a plan that addresses potential future demand and operational scenarios.**
- 2) Improve water supply resiliency through integration into BRA's risk management framework.**
- 3) Convey recommendations in a manner that simplifies critical decision making.**
- 4) Assess the incorporation of non-rain water/non-surface water solutions into BRA's primarily rain surface water-based Water Supply System.**
- 5) Engage customers/stakeholders in a transparent and proactive process.**
- 6) Provide information that can integrate into the Regional and State Water Planning process.**



Brazos River Authority



**Brazos**

— ★ —  
**RIVER AUTHORITY**