

AOC 4 Interim Measures Update

South River Science Team Meeting

April 24, 2020

Phase 1 Interim Measures Status



Estimated Percent of Mercury Loading from Eroding Banks Reduced to Date

(December 2019)



It is estimated that the erosion of six South River riverbanks contributes appreciable mercury to the river each year. The goal of the remediation work is to stop the erosion of these riverbanks and, in doing so, reduce the mercury input into the South River by 90%.



Constitution Park



City Shops



Allied Ready Mix

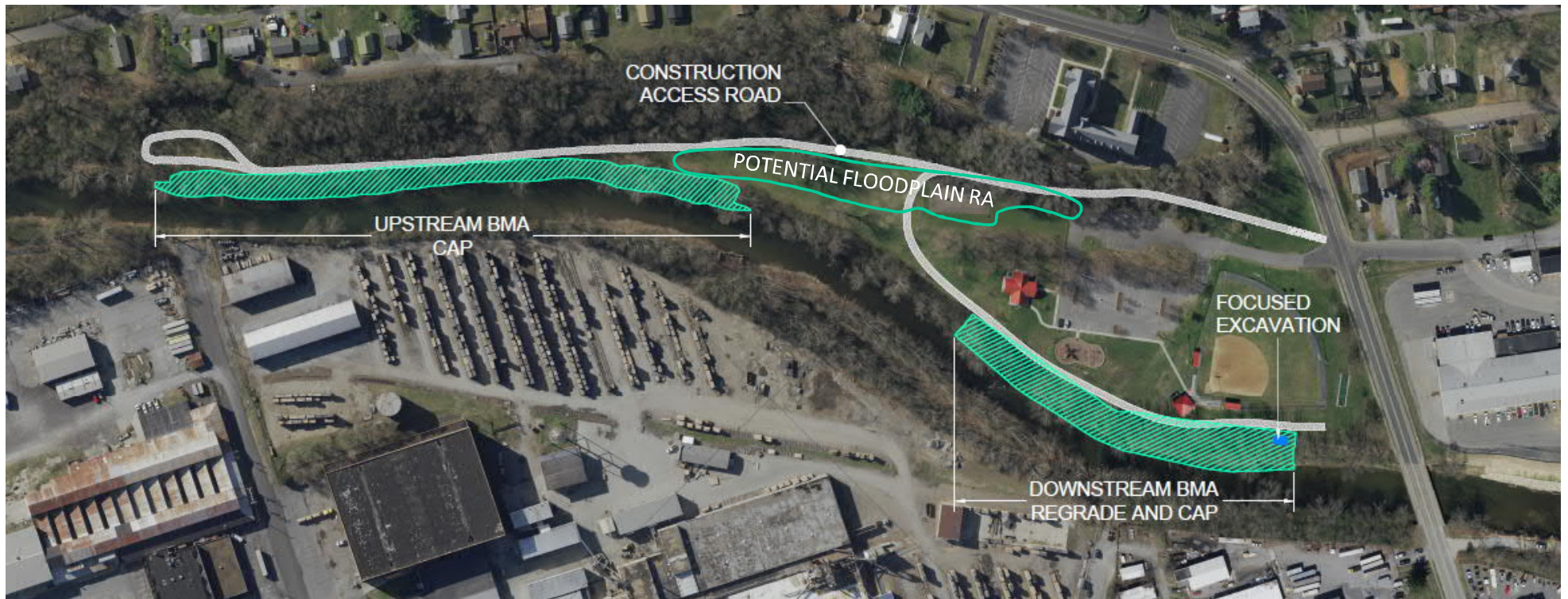


Shiloh Baptist Church

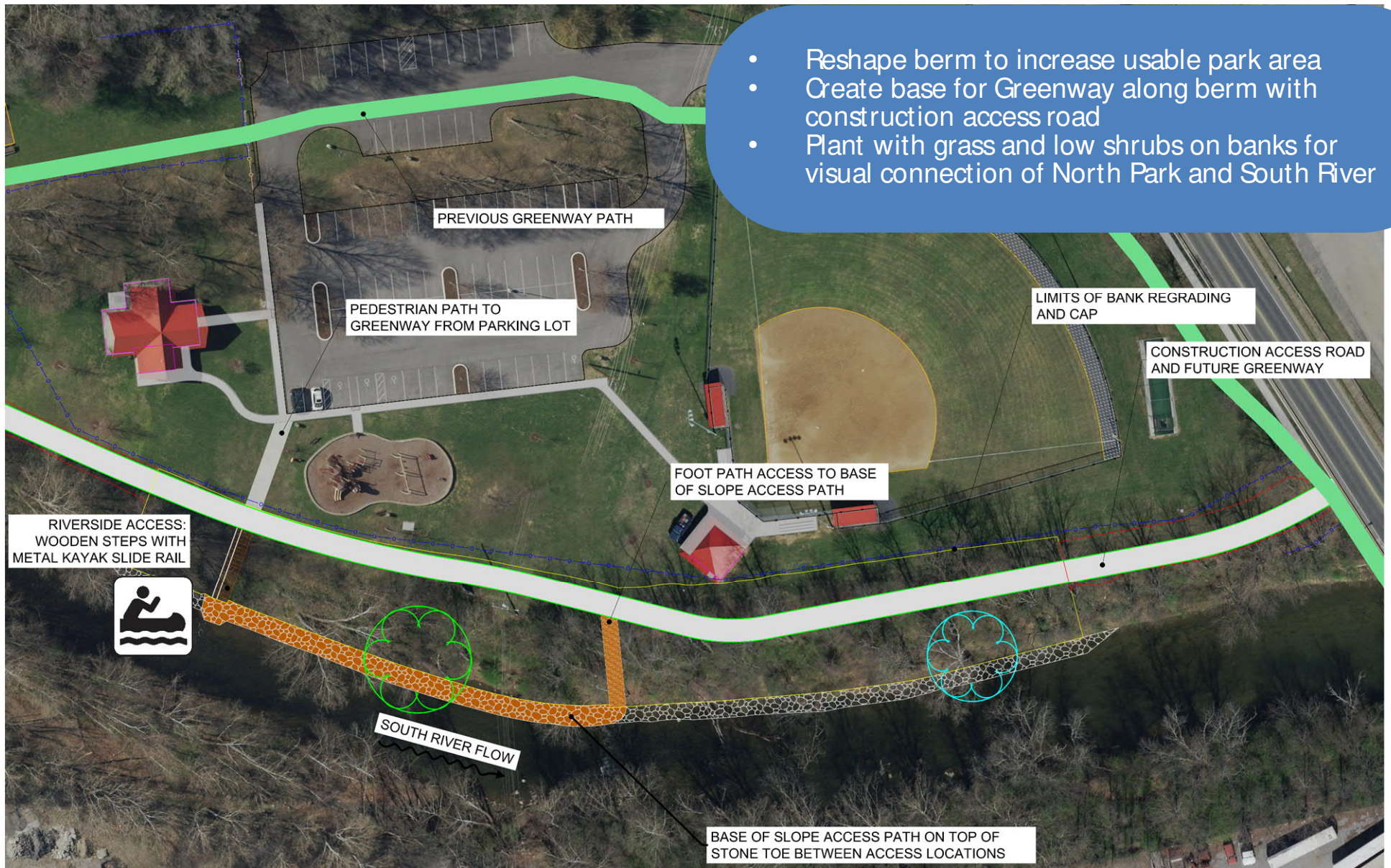


Shiloh Baptist Church

North Park BMAs – Location and Proposed Access Roads



North Park Restoration





Downstream BMAs – Park-River Connectivity



Co-benefits:

- Greenway realignment enhances land/ river connectivity
- Additional opportunities for active and passive recreation
- Enhanced river vistas
- Kayak access and wooden stairs to river footpath

Site Preparation and Erosion and Sediment Control



Bank Clearing Activities

Downstream



Upstream



Supersack Cofferddam Installation



Focused Excavation of Downstream Bank Soil

41 CY Removed

Direct Load-out



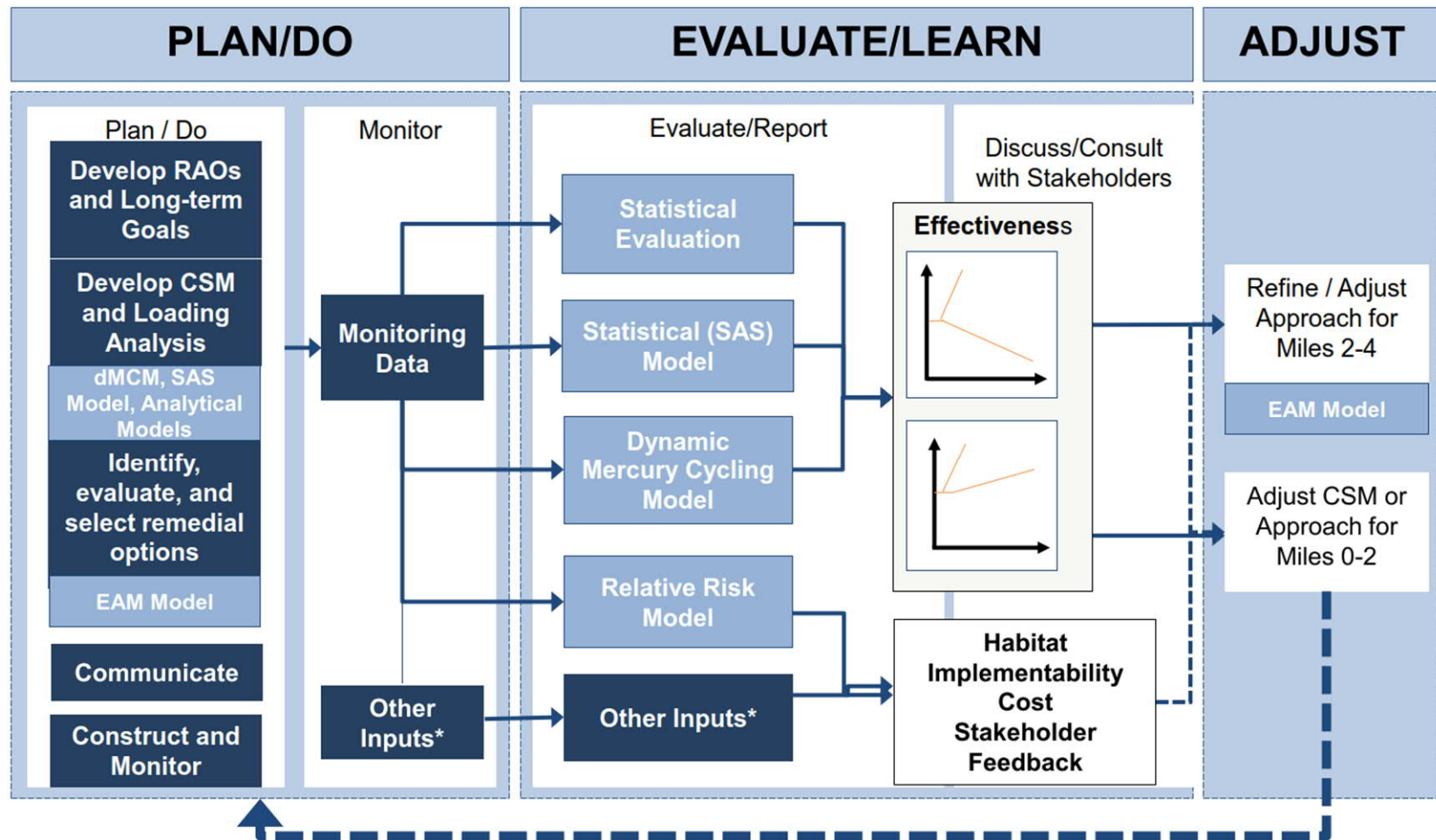
Downstream Riprap Stone Toe Anchor Trench Excavation



Proposed North Park Schedule

- Downstream Construction
 - February 2020 – May 2020
- Upstream Construction
 - May 2020 to July 2020
- Downstream Planting
 - Spring 2020
- Upstream Planting
 - Fall 2020

Enhanced Adaptive Management



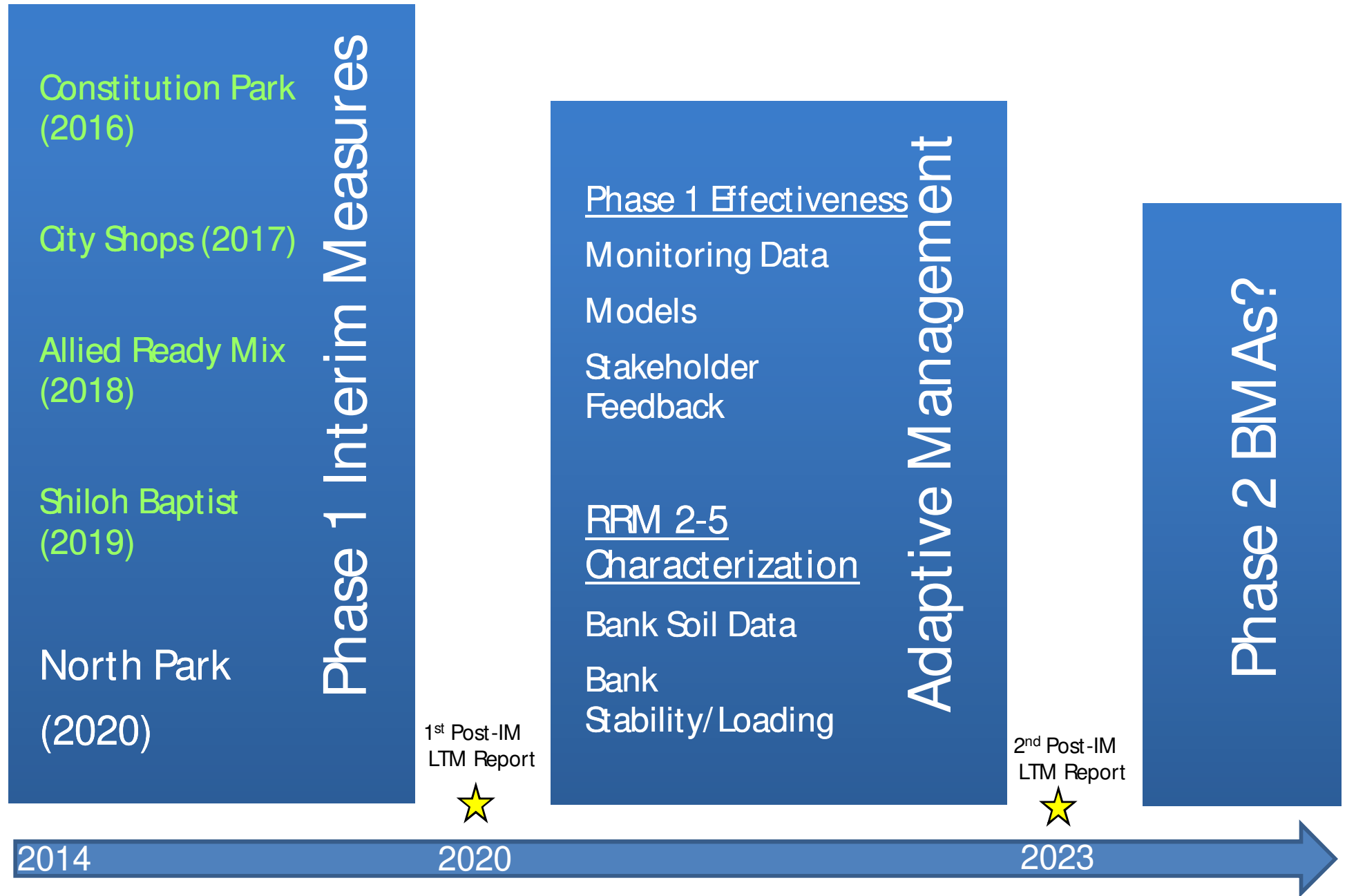
*Other Inputs include: Habitat condition improvements, permitting and implementation issues encountered and actual costs



RRM 2-3 Bank Soil Assessment

- RRM 2-3 Bank Soil Sampling Completed
- 2020 Activities
 - Data Evaluation
 - Bank Stability Assessment/ Documentation
 - Sediment bed turnover

AOC 4 Interim Measures Strategy





Thank You!