

BART Agreement Number: 6M8119

Approval Date: 12/06/18

Work Plan No. B.17 - Asset Management Data and Modeling Support

Scope:

As part of this work package, BART would like to further refine and extend the existing Proof of Concept model using a more complete dataset that includes the existing Critical Needs Inventory (CNI) and Risk Register reports, the Master Capital Project List (MCPL), and other data sources to create a tool with a more accurate understanding of current asset risk and business plans.

This project will explore various alternative methods of calculating Probability of Failure and Asset Criticality beyond those currently implemented within the software in order to more fully understand the sensitivity of optimal project prioritization and funding allocations to these factors.

AECOM/SEAMS will provide recommendations on what improvements to asset data maturity would lead to better model performance and results.

Prime: AECOM/TSE

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
SEAMS	\$185,940	N	N

Total Work Plan Value: \$266,786