

BART Agreement Number: 6M8143

Approval Date: 05/26/2020

Work Plan No. B.11-01 – Water Intrusion Condition Assessment Project

Scope:

HDR’s team, that includes McMillen Jacobs Associates, will review in a technical advisory committee role, the structural and geotechnical components of the water intrusion and rehabilitation program for BART’s existing underground facilities. These facilities include mined steel-lined and concrete tunnels and cut and cover concrete structures. The review activities include:

1. Review all available materials including as-built information regarding original underground facility construction, condition assessments, structural and geotechnical designs, and recent investigations and design efforts.
2. Review approach to curtain grouting, crack injection, cut-and-cover concrete tunnel construction joint rehabilitation and water cutoff plans submitted by BART’s Design Consultant.
3. Prepare report that provides review and comments for Condition Assessment Reports submissions for the following work location:
 - a. W-Line: The tunnels in the line are 6 miles long. BART’s Design Consultant will prepare the Condition Assessment Report and review of typical concrete crack injection and joint rehabilitation for up to 4 miles to tunnel.
4. Assume two project development meetings, one hour each.

Prime: HDR

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
McMillen Jacobs Associates	\$ 16,565	N	N

Total Work Plan Value: \$ 21,452