

BART Agreement Number: 6M8145

Approval Date: 03/25/22

Work Plan No. B.20-03 – Silicon Valley Berryessa Extension Seismic Assessment

Scope:

This project shall include the following scope of work:

- At Berryessa Station and Guideway Foundation (Aerial Structure Column Bents 8 to 19)
 - Review liquefaction potential.
 - Peer review of foundation pile stiffness calculations prepared under Workplan B.20.02.
 - Perform pushover analysis using 3D model to determine the pile demand
- Evaluate impact of foundation stiffness on the Berryessa Station Canopy anchorage demand

Prime: Jacobs

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
MGE Engineering	\$ 15,344	Y	Y

Total Work Plan Value: \$ 94,953