

BART Agreement Number: 6M8120

Approval Date: 03/26/20

Work Plan No. A.03-04 – AIP Phase 1 – North Berkeley Handrail Modifications

Scope:

The purpose of the Accessibility Improvement Program (AIP) is to improve accessibility in and around BART station sites and to better meet the needs of the disabled community. As part of the Phase 1 scope of work, the design team was directed to raise the height of the guard rail on a staircase at the North Berkeley Station to meet building codes for safety. The original design called for attaching an extension to the top of the rail to raise the overall height. This modification triggered a question as to whether the additional height could support the required minimum loads or not. A preliminary analysis showed that even the existing condition was deficient. This work plan aims to define the new handrail requirements needed from a structural standpoint as well as the architectural requirements.

Prime: HNTB + FMG JV

Subconsultants: None

Total Work Plan Value: \$57,269