

BART Agreement Number: 6M8144

Approval Date: 09/29/2020

Work Plan: No. A.05-02 – K-Line Enabling Works - 95% Redesign

Scope:

Revise related plans and specifications, cost estimate and construction schedule.

Assumptions:

The following assumptions are being made for Construction Staging, Train Control. It is assumed that in the areas of rerouting, HNTB is starting from a 35% conceptual design.

Enabling Works and Train Control

1. The new train control infrastructure can be located on the KX Spur/C2 side of the right of way between MP 1.46 and MP 1.75.
2. BART Safety will approve the combined catwalk and raceway along KX Spur.
3. Field work to confirm that a new ductbank will not be required for the train control infrastructure within MP 1.46 and 1.75. If so, the removal and replacement limits of the KX Spur/Siding should be limited to the removal and replacement of Switch 557 and Switch 255 and the 32' extension of the KX Siding.

Civil Design and Construction Staging

1. Civil cross sections to be updated to show new location and detail of future 34.5kV and train control raceway.
2. Staging sequence for the 90 modified operations should be revised to progress from C2 to C1. This will also impact the sequence of some of the weekend shutdowns.
3. Construction cross sections will be updated to show new raceway location and new staging sequence.
4. Construction schedule will be revised per new staging sequence.

Quality Management

This workplan will adhere to the Quality Management Plan developed for BART A/GES Contract 6M8144. Project team members will be trained as required per QMP. The Design Quality Manager shall provide continuous quality control documentation in accordance with the QMP as follows:

- Quality Audit Report
- Copies of Quality Check review prints for the 95% submittal to confirm compliance with the approved QMP.
- Conduct a Document Quality Review process in accordance with the QMP

Prime: HNTB-FMG, Joint Venture

Subconsultants: None

Total Work Plan Value: \$ 169,430