

BART Agreement Number: 6M8143

Approval Date: 09/28/23

Work Plan No. A.11-01 Dublin/Pleasanton Access Improvements Survey Svcs

Scope:

Task 2.1 - Topographic Mapping

- Unless otherwise requested, the topographic survey will be at a drawing scale of 1 inch = 20 feet, with a one-foot contour interval. The topographic survey will include the following:
- Topographic survey coverage area will include the access road from our existing mapping to Owens Drive. Mapping will extend 10 feet beyond the curb on both sides of the access roadway.
- Topographic survey will include necessary work to produce a topographic map, including features such as, but not limited to, building corners and elevations, curb lines, water meters, sewer cleanouts, valves, maintenance holes (including rim, invert, and pipe information), utility markings on the pavement, utility poles, driveway, and doorway locations, sidewalks, trees four (4) inches and more significant, retaining wall or decorative walls, and other pertinent information that could apply to the project during design.
- The survey will utilize the existing horizontal and vertical data.

Task 2.2 – Appraisal Mapping

Appraisal mapping will be prepared for the (3) three easements to the Zone 7 water district and the (1) easement to BART.

- Prepare appraisal mapping based on the topographic and right-of-way mapping we have previously prepared.
- Appraisal mapping will include the existing easements as depicted on the title reports previously obtained for this project.

Task 2.3 – Legal Descriptions and Plats

Prepare legal descriptions and plats for the (3) three easements to Zone 7 Water District and the (1) one easement to BART.

Task 2.4 – Update Project Record of Survey

- Prepare an updated record of the survey for this project and show the updated parcel acquisitions on the survey when it is ready.

Task 2.5 -Geotechnical memo

The scope of work is to review readily available soil and geologic data, including as-built boring logs and design drawings, and provide a geotechnical memorandum pertinent to the design. The components include the assumptions for retaining wall design, pavement sections, utility trench, and drainage. There are readily available soil boring data from previous geotechnical investigations at the location. The data at least include the Caltrans Route 580 (Dougherty Overhead) as-built data and the Materials & Foundation report for BART Dublin/ Pleasanton Station (August 1992). BART also gathered several relevant documents with geotechnical data from developments in the project vicinity.

Prime: HDR

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
CPY	\$ 64,565	N	N
Parikh	\$ 12,967	Y	Y

Total Work Plan Value: \$ 92,354