

Project: Hilo Bayfront Highway, Intersection Improvements at Waianuenue Avenue,
District of South Hilo, Island of Hawaii

Project No.: HWY-H-01-08

BACKGROUND

Project Location. Bayfront Highway, Route 19, Milepost 2.45.

Project Purpose. The project is to widen the intersection at Waianuenue Avenue to improve turning movements for large trucks entering and exiting onto Kamehameha Avenue when Bayfront Highway is closed due to high surf and other activities.

PRELIMINARY CONSTRUCTION SCOPE OF WORK

The scope of work for this project consists of, but may not be limited to, modification to the intersection/median, modification/relocation of existing drainage catch basin/drain inlets, utility relocation, sidewalk and ADA curb ramp improvements, pedestrian access improvements to the beach park, modification/replacement of traffic signal system.

DESIGN SCOPE OF SERVICES

The scope of services for this project includes Civil, Structural, Hydraulic, Environmental, Electrical, Geotechnical Engineering, and Surveying services but shall not be limited to: preparing the required environmental documents according to Hawaii Revised Statutes (HRS) 343 (including an environmental assessment, if necessary); preparing all documents which may apply to the federal process (i.e. NEPA, categorical exclusion, Section 106, etc.); preparing 60%, 90% and 100% plans, specifications and estimates for all construction work, including geometric designs; roadway plans, grading plans, demolition plans, structural plans, traffic control plans, right-of-way mapping for construction parcels, etc.; preparing reports such as basis of design, geotechnical, drainage (including hydraulic, hydrology and scour), etc.; coordinating surveying and preparing topographic maps; conducting geotechnical investigation; and coordinating utility relocations with the respective utility companies.

The scope of services also includes: scheduling and conducting public informational meetings, if necessary; applying for, and obtaining, all necessary permits for construction; developing Best Management Practice measures to comply with Environmental Protection Agency and Department of Health regulations (during the construction phase) and other required environmental regulations.

TOTAL DESIGN TIME: 18 to 24 months