

GENERAL NOTES

1. The scope of work for this project consists of sidewalk excavation and reconstruction with geotextile fabric, surge rock, aggregate base course, asphalt concrete pavement, and reinforced concrete; installing drain box inlet and culvert.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 104.04 - Maintenance of Pedestrian Traffic; Subsection 104.11 - Removal and Disposal of Asbestos Containing Materials; Subsection 107.12 - Sanitary, Health, and Safety Provisions; Subsection 107.13 - Public Convenience and Safety; Subsection 107.14 - Barricades and Warning Signs; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Subsection 648.02 - Materials.
4. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data and the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
5. The Contractor is advised to exercise caution when working near the existing transite pipes which contain asbestos. Any damage to the existing drainage and saltwater intake systems due to the Contractors activities shall be repaired by the Contractor at his own cost.
6. Existing drainage and salt water intake system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools, and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
7. New sidewalk shall maintain existing sidewalk edge elevation. Provide smooth transition where walkway reconstruction meets the existing grade or walkway.
8. All Stock Piled Material shall be covered at the end of each work day.
9. Provide 24 hour access to the service gate and drain manhole located at the Diamond Head end of the work site for Waikiki Aquarium Personnel. Coordinate schedule with the Waikiki Aquarium officials (Mr. Daryl Imose, Ph. 923-9741) when work activities prohibits access to this area. Also provide public access to the existing stairway located at the Diamond Head end of the property during non-working hours.

10. The Contractor may access the project site along the Diamond Head end of the Waikiki Aquarium property adjacent to the existing chain link fence, or through the existing roadway located on the Waikiki Natatorium property. The Contractor shall be responsible to coordinate with the City and County of Honolulu - Department of Parks and Recreation, and Department of Transportation Services to obtain access through these properties, and the existing parking stalls located on Kalakaua Avenue.

The Contractor will not be permitted to access the project site through the Waikiki Aquarium's parking lot at the Ewa end of the property.

11. The Contractor shall be aware that excessive noise and vibrations may have adverse effects on the sealife at the Waikiki Aquarium. The Contractor shall strive to minimize excessive noise and vibrations during excavating, backfilling and compaction operations. Use of pavement breakers and jack hammers will not be permitted.
12. The Contractor shall include a Waikiki Aquarium official at all Pre-Construction Meetings to insure that the Contractor maintains a minimal impact to the Aquarium and its inhabitants.
13. The Contractor shall notify the City & County of Honolulu Dept of Design & Construction (527-6977) upon completion of the project so that remaining work by others may commence in a timely manner.

ASBESTOS ABATEMENT

1. The existing 8" saltwater intake and drain lines are transite pipes. Transite pipes are believed to be composed of asbestos. These pipes shall remain in place and fuctional at all times and shall not be disturbed upon excavation and backfill operations.
2. As a precaution, the Contractor shall submit an abatement plan to the Engineer for approval prior to any excavation work. The abatement plan shall descibe methods of removal, transport, and disposal of asbestos containing materials (ACM) in the event it becomes necessary.
3. The Contractor shall use extreme care when excavating near these lines as noted on Sheet 8, Note 7. The Contractor shall cease all work immediately if any damage is caused to these lines due to the Contractors operations. The Contractor shall notify the Engineer and follow the emergency procedures to repair the pipe(s) as stated on Sheet No. 8, Note 7.
4. The Contractor shall comply with the requirements of Subsection 107.26 - Regulated Asbestos Containing Materials for any removal and disposal of ACM. The Contractor shall require workers to use appropriate clothing, breathing apparatus, and other safety equipment necessary to do the job. Any permits for ACM handling, removal transport, and disposal shall be obtained by the Contractor.
5. All cost associated with any ACM removal, transport, handling, disposal, permits, etc. shall be at the Contractors expense at no cost to the State.

OSHA NOTES

1. The Contractor shall establish and maintain a safety and health program for the work site that provides adequate systematic policies, procedures, and pratices to protect employees from, and allow them to recognize, job-related safety and health hazards.
2. The Contractor shall be responsible for complying with all Occupational Safety and Health Administration's (OSHA) revised rullles and guidelines.
3. All excavation work shall comply with the applicable health and safety guidelines as specified in OSHA 226-Excavations (revised 1990)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(43)	2002	3	12

LEGEND

—e—	Existing Electrical Line
—t—	Existing Telephone Line
—w—12—	Existing 12" Water Line
◦ _{wmh}	Existing Water Manhole
◦ _{wv}	Existing Water Valve Box
◦ _{wm}	Existing Water Meter
◦ _{fh}	Existing Fire Hydrant
—s—12—	Existing Sewer Line
◦ _{smh}	Existing Sewer Manhole
—g—6—	Existing 6" Gas Line
◦ _{gv}	Existing Gas Valve Box
◦ _{gmh}	Existing Gas Manhole
◦ _{mon.}	Existing Monument
---d--24---	Existing 24" Drain Line
◦ _{sdmh}	Existing Storm Drain Manhole
◻ _{gdi}	Existing Grated Drop Inlet
🌴	Coconut Tree
🌴	Lauhala Tree
☁	Naupaka Bushes
🪑	Seat
🚿	Sprinkler Box
◦ _{c.o.}	Clean Out

APPROVED:

Steven A. Jan
SENIOR VICE-PRESIDENT
FOR ADMINISTRATION
UNIVERSITY OF HAWAII
STATE OF HAWAII

11/14/01
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

WAIKIKI AQUARIUM
REPAIR OF PEDESTRIAN WALKWAY
Federal Aid Project No. STP-0300(43)

Date: Oct., 2001

SHEET No. 1 OF 1 SHEETS