



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	.
	TRACED BY	.
	DESIGNED BY	.
	NOTE BOOK	QUANTITIES BY
	Checked BY	N <sub>e</sub>

GENERAL NOTES CONT'D

35.

Any Survey Monuments that are disturbed shall be restored under the supervision of a licensed land surveyor registered in the State of Hawaii at no cost to the State. All survey data shall be certified by the surveyor and submitted to the Engineer.
36.

All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to the other various contract items and shall not be paid for separately.
37.

Material and/or equipment shall be stockpiled or stored within the right-of-way and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the State Highways Right-of-Way Branch at ph. #692-7332.
38.

The Contractor shall probe to verify the exact location of any underground utilities within the project limits prior to installing posts. The Contractor shall adjust the location of posts accordingly to account for the actual locations of underground utilities. Any adjustments to the contract or underground utilities shall be considered incidental to various items of work. The Contractor shall be held liable for any damages incurred to existing facilities and/or improvements as a result of his operations. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company at the Contractor's expense.
39.

Hydro-mulch Seed newly graded areas with Bermuda Seeding.
40.

For toning of US Army Cables, one of the following vendors shall be utilized to do the work:

A.

Verizon Federal/AT&T  
Contact: Doug Ellenberg (Douglas.Ellenberg@verizon.com) or Nichole Nakamichi (Nichole.L.Nakamichi@verizon.com)

B.

Bering Sea (BSeT)  
Contact: Shelton Choy (Shelton.Choi@beringseagroup.com)

Cables shall be toned prior to the start of the project.
- PAVING AROUND MANHOLES
1.

The Contractor shall first lower manholes more than cold planing thickness indicated on typical sections prior to cold planing. The work shall be considered incidental to the various paving contract items. Upon final paving, the manhole shall be raised and paid under the various contract items.

2.

The Contractor shall place hot asphalt concrete around manholes and compact properly with a vibrating plate compactor.

3.

If a plate compactor is not used, the Contractor shall use a pneumatic roller to roll the area around the manhole which is not rolled by the steel roller.

4.

The Contractor shall fog seal or brush emulsion seal on the material placed as backfill on the area around the manhole that was not compacted by the roller. Black sand shall be used to blot out the area if the fog is too heavy.
- HAWAII ONE CALL CENTER
1.

Before conducting any excavation in the public right of way or on private property, the Contractor shall call the Hawaii One Call Center at least five (5) working days before beginning excavation operations. Be sure to give them the address and location of the nearest cross street(s) near the planned excavation site.

Call 811 toll-free 24 hours a day. For more information, go to [www.callbeforeyoudig.org](http://www.callbeforeyoudig.org)

2.

The Hawaii One Call Center will contact all utility companies to tone, mark, or identify the location of their underground utilities for free. Mark the area where you plan to excavate in White and label all of the other utilities as listed below.

RED

Electric power lines, cables, or conduits, and lighting cables.

YELLOW

Gas, oil steam, petroleum or other hazardous liquid or gaseous materials.

ORANGE

Communications, cable TV, alarm or signal lines, cables, or conduits.

BLUE

Water, irrigation, and slurry lines.

GREEN

Sewers, storm sewer facilities or other drain lines.

WHITE

Proposed excavation.

PINK

Temporary survey markings.

PURPLE

Reclaimed water, irrigation and slurry lines.
- LEGEND
- 10' High Chain Link Fence

Railing

Existing Property Line

Proposed Property Line
- HAWAIIAN TELCOM UTILITY ADJUSTMENT NOTES
1.

Adjust existing manholes to the required elevations to match final roadway surface. All applicable construction work shall be in accordance with the "Hawaiian Telcom Standard Specifications for Placing Telephone Systems" dated January 2007, all subsequent amendmments and additions, and all other pertinent standards for telecommunications construction. The Contractor shall familiarize his personnel by obtaining the applicable specifications.
- DIVISION OF FORESTRY AND WILDLIFE NOTES
1.

To avoid impacts to the Hawaiian hoary bat, no barbed wire shall be used, and woody plants greater than 15 feet tall shall not be disturbed, removed or trimmed during the bat birthing and pup rearing season (June 1 through September 15).

2.

If nighttime lighting is required, any lights used shall be fully shielded to minimize impacts to native seabirds.

3.

Soil or plant material shall not be moved from the project site to be used in other locations on the island due to the possible presence of pathogens.
- STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

WAHIAWA PEDESTRIAN BRIDGE  
WHITMORE VILLAGE TO WAHIAWA  
PROJ. No. HWY-0-07-18

Scale: N/A

Date: June 2020

SHEET No. 2 OF 3 SHEETS

3



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-07-18	2020	4	25

CITY & COUNTY OF HONOLULU CONSTRUCTION NOTES

- All applicable construction work shall be done in accordance with the Standard Specifications for Public Works Construction, September 1986 and Standard Details for Public Works Construction, September 1984, as amended, of the Department of Public Works, City and County of Honolulu and the Counties of Kauai, Maui, and Hawaii.
- The underground pipes, cables or ductlines known to exist by the engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating in the area. Wherever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavation for the new lines.
- No Contractor shall perform any construction operation so as to cause falling rocks, soil or debris in any form to fall, slide or flow into existing City drainage systems, or adjoining properties, streets or natural watercourses. Should such violations occur, the Contractor may be cited and the Contractor shall immediately make all remedial actions necessary.
- The general contractor/developer/owner of the project shall be responsible for conformance with applicable provisions of the Hawaii Administrative Rules, Title 11, Chapter 54, "Water Quality Standards," and Title 11, Chapter 55, "Water Pollution Control", as well as Chapter 14 of the Revised Ordinances of Honolulu, as amended. Best Management Practices shall be employed at all times during construction.

The general contractor/developer/owner of the project shall obtain National Pollutant Discharge Elimination System (NPDES) Permit coverage(s) for the following:

- Storm water discharges associated with construction activities that disturb one (1) acre or more, and
- Discharges of hydrotesting effluent, dewatering effluent, and well drilling effluent to state waters.

In accordance with State law, all discharges related to project construction or operations are required to comply with State Water Quality Standards (Hawaii Administrative Rules, Chapter 11-54). Best Management Practices shall be used to minimize or prevent the discharge of sediment, debris, and other pollutants to State waters. Permit coverage is available from the Department of Health, Clean Water Branch at <http://health.hawaii.gov/cwb>. The owner/developer/contractor is responsible for obtaining other Federal, State, or local authorizations as required by law.

- For non-City projects, the Contractor shall notify the Civil Engineering Branch, D.P.P. at 768-8084 to arrange for inspectional services and submit two (2) sets of approved Construction Plans seven (7) days prior to commencement of construction work. For City projects, the Contractor shall coordinate inspectional services with the responsible City agency.
- For non-City projects, the Contractor may submit a substitution request to precast any City owned and/or maintained drainage structure (ex., catch basins, drain manholes, drain inlets, culverts, etc). However, prior to construction and installation of any precast structure, the Contractor shall a) submit six (6) sets of shop drawings to the Civil Engineering Branch, Department of Planning and Permitting and obtain written approval and b) notify the Civil Engineering Branch, Department of Planning and Permitting at 768-8084 to arrange for inspectional services. Non-compliance with any of these requirements shall mean immediate suspension of all precast construction work and rejection of all precast structures already constructed.

For City projects, the Contractor shall submit shop drawings to the responsible City agency for review and approval. Also, the Contractor shall coordinate inspectional services with the responsible City agency.

7. Confined Space

For entry by City personnel, including inspectors, into a permit required confined space as defined in 29 CFR Part 1910.146(b), the Contractor shall be responsible for providing:

- All safety equipment required by the confined space regulations applicable to all parties other than the construction industry, to include, but not limited to, the following:
    - Full body harnesses for up to two personnel.
    - Lifeline and associated clips.
    - Ingress/egress and fall protection equipment.
    - Two-way radios (walkie-talkies) if out of line-of-sight.
    - Emergency (escape) respirator (10 minute duration).
    - Cellular telephone to call for emergency assistance.
    - Continuous gas detector (calibrated) to measure oxygen, hydrogen sulfide, carbon monoxide and flammables (capable of monitoring at a distance at least 20-feet away).
    - Personal multi-gas detector to be carried by inspector.
  - Continuous forced air ventilation adequate to provide safe entry conditions.
  - One attendant/rescue personnel topside (two, if conditions warrant it).
- Pursuant to Chapter 6E, HRS, in the event any artifacts or human remains are uncovered during construction operations, the Contractor shall immediately suspend work and notify the Honolulu Police Department, the State Department of Land and Natural Resources-Historic Preservation Division (692-8015). In addition, for non-City projects, the Contractor shall inform the Civil Engineering Branch, Department of Planning and Permitting (768-8084); and for City projects, notify the responsible City agency.
  - For projects abutting State Highways rights-of way, the owner or his authorized representative shall notify the State Department of Transportation, Highways Division, Oahu District, Drainage Discharge Unit at 831-6793 for an assessment of State Highways permit requirements.
  - Elevations shown are from National Oceanic and Atmospheric Administration (NOAA) 2-foot contours. The Contractor shall be responsible for conducting their own topographic survey. There will be no additional compensation for a difference in elevations between the NOAA 2-foot contours and actual.
  - Prior to commencement of work within City Right-of-Way, the Contractor shall obtain a Street Usage Permit from the Department of Transportation Services (DS) and a Trenching Permit from the Department of Planning and Permitting (DPP).

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STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES	
WAHIAWA PEDESTRIAN BRIDGE WHITMORE VILLAGE TO WAHIAWA PROJ. No. HWY-0-07-18	
Scale: N/A	Date: June 2020
SHEET No. 3 OF 3 SHEETS	