

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-Q-02-18M	2018	3	33


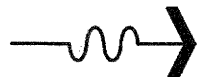

1. The scope of work for this project includes demolition and removal of existing asphalt pavement via cold planing or full depth reconstruction; application of seal coating on existing pavement; installation of asphalt pavement; installation of equipment shed and sampling equipment, hazardous material storage containers, erosion control matting, trench drain, concrete channel, and concrete water polisher; and installation and maintenance of temporary and permanent BMPs.
2. The Contractor's attention is directed to the following Specification Sections of the Standard Specifications: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; and Section 645 - Work Zone Traffic Control.
3. The Contractor shall notify the Hawaii One Call Center (811 or 866-423-7287) no less than five (5) working days prior to excavation, on each or all locations, for locating underground facilities pursuant to HRS Section 269E-4.
4. Pursuant to Chapter 6E, HRS, in the event any historic resources, including cultural deposits or human skeletal remains, are uncovered during construction operations, the Contractor shall suspend work in the immediate vicinity of the find, protect the find from additional disturbance, and notify the Honolulu Police Department, the State Department of Land and Natural Resources - Historic Preservation Division (692-8015), and the State Department of Transportation.
5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data, but 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.
6. All dimensions and details shown on the drawings shall be checked and verified prior to the start of construction, and any discrepancies shall be immediately brought to the attention of the Engineer for clarification.
7. All existing utilities to remain in use, whether or not shown on the plans, shall be protected at all times by the Contractor during construction unless specified on the plans to be abandoned. Any damages to existing utilities shall be repaired and paid for by the Contractor.
8. Unless relocation is called for on the plans, existing utilities shall remain in service and in place. If relocation of existing utilities is required for the Contractor's convenience, interruption of service shall be kept to a minimum and shall be done at the Contractor's expense and only with the approval of the Engineer.
9. The Contractor shall provide for vehicle and pedestrian access to and from all existing public streets and driveways at all times. The Contractor shall coordinate with the State to ensure DOT personnel, vehicles, and equipment have access within Baseyards at all times.
10. Existing drainage system shall be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items and will not be paid for separately.

11. Existing facilities, guardrail, landscaping and/or pavement to remain which has been damaged by the Contractor shall be restored to its original condition at no cost to the State.
12. When excavating in close proximity to walls, fences, and other improvements, the Contractor shall protect, support, secure, and take all precautions to prevent damaging these facilities and improvements.
13. No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.
14. Contractor shall dispose of any removed material at an approved DOH waste management facility, as stated in the Contractor's BMP plan, at no extra cost to the State.
15. After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal to or better than existing condition prior to construction.
16. All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to other various contract items and shall not be paid for separately.
17. The Contractor shall verify the presence of existing aerial and underground utilities which may conflict with construction activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with temporary relocations shall be borne by the Contractor.
18. Confined Space
For entry into a permit required confined space as defined in 29 CFR Part 1910.146(b), the Contractor shall be responsible for providing:
I. 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:
a. Full body harness for up to two personnel.
b. Lifeline and associated clips.
c. Ingress/egress and fall protection equipment.
d. Two-way radio (walkie-talkies) if out of line-of-sight.
e. Emergency (escape) respirator (10 minute duration).
f. Cellular telephone to call for emergency assistance.
g. Continuous gas detector (calibrated) to measure oxygen, hydrogen sulfide, carbon monoxide and flammables (capable of monitoring at a distance at least 20-feet away).
h. Personal multi-gas detector to be carried by inspector.
II. Continuous forced air ventilation adequate to provide safe entry conditions.
III. One attendant/rescue personnel topside (two, if conditions warrant it).

ABBREVIATIONS

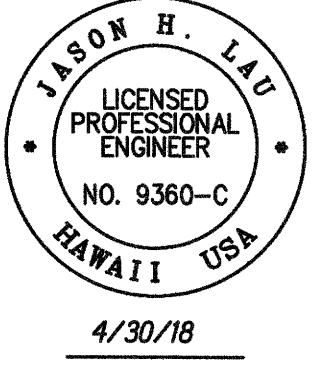
AC, ac	Asphalt Concrete	M.L.	Matchline
AH.	Ahead	Min.	Minimum
BK.	Back	NTS	Not to Scale
BL	Baseline	O.C.	On Center
BMP	Best Management Practices	O/H	Overhead
		O/S	Offset
Bott.	Bottom	PERM.	Permanent
CL	Centerline	PI	Point on Intersection
CL	Chain Link	PID	Project Identification Number
Clr.	Clearance	R	Radius
Conc.	Concrete	Rt.	Right
Det.	Detail	r/w	Right-of-Way
Dia.	Diameter	S	Slope
EA	Each	sl	Street Light
EB	Eastbound	SLB	Street Light Box
EC	Erosion Control	Sta.	Station
ECM	Erosion Control Mat	Std.	Standard
Elev	Elevation	ST. MON.	Street Monument
EQ	Equal	sym.	Symbol
ep	Edge of Pavement	t	Telephone
etw	Existing Edge of Travel Way	T/thk	Thick
exist.	Existing	TC	Traffic Control
ftg.	Footing	TCP	Traffic Control Plan
gdi	Grated Drain Inlet	Typ.	Typical
G.W.	Guy Wire	UG	Underground
I.H.	Inside Diameter	U.P.	Utility Pole
I.E./inv.	Invert Elevation	w	Water
L	Length	W	Width
Lt.	Left	WP	Water Polisher
Max.	Maximum		

LEGEND

— — — — —	Property Line		Temporary Fiber Roll
— — — — —	Limits of Work		Runoff Direction
— — — — —	Centerline		Top of Slope

DATE	DATE
DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY
NOTED BY	NOTED BY
ORIGINAL PLAN	ORIGINAL PLAN

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4/30/18
This work was prepared by me or under my supervision.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**GENERAL NOTES, LEGEND
AND ABBREVIATIONS**

STORM WATER BEST MANAGEMENT PRACTICES
IMPROVEMENTS AT MAINTENANCE BASEYARDS ON OAHU
Project No. HWY-Q-02-18M
Scale: None Date: March 2018

SHEET No. N-01 OF 8 SHEETS