GENERAL NOTES:

- 1. The scope of work for this project includes removal of AC and concrete ditches, installation of bioswale infiltration trenches, construction of an in-line storm water filtration system, drain pipe installation, grading, planting, mulching, maintaining vegetation during plant establishment, erosion control BMPs and providing of temporary traffic controls.
- 2. The Contractor's attention is directed to the following Specification Sections of the Standard Specifications: Subsection 107.06 -Contractor Duty Regarding Public Convenience; Subsection 104.11 -Utilities and Services; and Section 645 - Work Zone Traffic Control.
- 3. The Contractor's attention is directed to the Specifications Section 212 - Archaelogical Monitoring. Archaelogical Monitoring is required during excavation of Bioswales H and I.
- 4. At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free and safe passage of public traffic.
- 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. 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.
- 7. The Contractor shall provide for vehicle and pedestrian access to and from all existing side streets at all times.
- 8. Existing drainage system shall be kept 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.
- 9. Existing concrete structures, such as manholes, culverts, channels, etc., which are designated to be removed or are in conflict with proposed construction shall be removed to a depth of not less than 3 feet below finish grade in roadway and not less than 1.5 feet below finish grade in other areas.
- 10. Existing pavement within 6 inches of the finish grade in areas to be grassed shall be removed. All other existing pavement which will not be overlaid with new A.C. pavement shall be rooted, plowed, pulverized, or scarified to a minimum depth of 6 inches.
- 11. Existing facilities 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. All regraded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 619 - Planting. Contractor shall restore to its original condition at no cost to the State.

- 13. 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.
- 14. The Contractor shall verify the locations and elevations of all existing utility lines and notify respective owners before commencing any excavation work.
- 15. 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.
- 16. Contractor shall dispose of any removed material at no cost to the State.
- 17. The Contractor shall be held liable for any damages incurred to the existing landscaping as a result of his operations.
- 18. After the project is completed, the Contractor shall restore grades and groundcover within the project limits to a condition equal or better than existing condition prior to construction.
- 19. All existing utilities, 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. The Contractor shall be held liable for any damages incurred to the existing utilities 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 no cost to
- 20. 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.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-02-11	2012	3	43

ABBREVIATIONS:

es

EA.

EΒ

LEGEND: Existing **Abutment** Abut. Chain Link Fence AC, ac Asphalt Concrete Baseline ---200----Contour Bot. Bottom Chain Link Denotes No Access Permitted, Conc. Concrete Right-of-Way CPPCorrugated Polyethylene Pipe ==d30===Drain Pipe Elev Elevation Existing Edge of Shoulder Grated Drop Inlet Existing Edge of Travel Way Each Guardrail, Type 3 Eastbound Slope Footing

TTG.	F OOTING		Stope
G.W. M.L.	Guy Wire Matchline		Street Light
ST. MON. NTS	Street Monument Not to Scale		Trees
o.c. 0/H	On Center Overhead	S/	Utility

Polyethylene Point on Intersection POC Point on Curvature POT Point on Tangent Polyvinyl Chloride Profile Wall Pipe PPWP

Point of Compound Curve

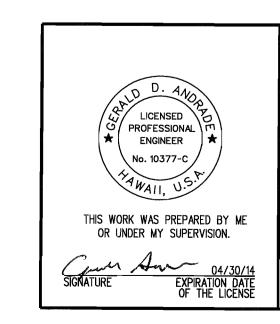
Point of Curvature

(for Alignment)

Point of Tangency Radius R/W Right-of-Way SFM Sewer Force Main Street Light SLB Street Light Box STA Station along B Telephone

TCPTraffic Control Plan TRM Turf Reinforcement Mat UG Underground Utility Pole

Water WQV Water Quality Volume



STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION** HIGHWAYS DIVISION

GENERAL NOTES, LEGEND AND ABBREVIATIONS MISCELLANEOUS PERMANENT BEST

MANAGEMENT PRACTICES ON OAHU PROJECT NO. HWY-0-02-11 Date: May, 2012 Scale: None

SHEET No. G-2 OF 10 SHEETS

