


GENERAL NOTES

1. The scope of work for this project consists of constructing a drainage system along the inbound and outbound shoulder area of Farrington Highway. The Work involves: excavating, installing and replacing grated inlets, and backfilling; constructing concrete gutters, storm drain manholes, grated inlets, and CRM outlets structures; restoring A.C. and concrete pavement structures.
2. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
3. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
4. 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. Toning of underground lines shall be done prior to excavation and shall be considered incidental to the various contract items.
5. The exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.
6. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Hon., HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8. The Contractor shall remove and dispose of all existing raised pavement markers prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
9. Smooth riding connections shall be constructed at all limits of reconstruction, including the connecting approaches and driveways as shown on the plans and/or as directed by the Engineer.
10. The Contractor shall provide for access to and from all existing driveways at all times.
11. All saw cutting work, including related clean up of slurry shall be considered incidental to Item 608.0100 - Concrete Sidewalk.
12. The Contractor shall coordinate his work when placing dry wells near Lualei Place and when placing curb and gutter and sidewalk near Nanakuli Avenue, including lane closures and detours with the State's Contractor for Farrington Highway Safety Improvements, Federal Aid Project No. STP-093-(18).

13. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Traffic Control. the advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the Oahu District Baseyard or as directed by the Engineer at the end of the project. The advance construction warning signs shall be paid under Item No. 621.7110, Construction Sign with Two Posts.
14. The Contractor shall notify the Traffic Control Branch, Department of Transportation Services, City & County of Honolulu, (phone no. 523-4589) two weeks prior to commencing any work on the traffic signal system.
15. The Department of Transportation Services, City & County of Honolulu, will assist the Engineer in construction inspection for the traffic signal system. The Contractor shall notify the Traffic Control Branch, Department of Transportation Services, three (3) working days prior to commencing work on the traffic signal system (phone no. 523-4589).
16. State DOT Curb Ramp and Sidewalk Design Guidelines, Notes and Details dated 1/31/02 or latest edition shall be followed for all installation of sidewalks.
17. Any damage to the U.S. Signal Corps cable will be immediately reported to the Joint Trunking System Manager at 438-8071/ 438-8066.
18. The Contractor shall make provisions to protect the excavated hole for the drywell at the end of each workday to vehicular and pedestrian traffic. If the water table is encountered, the provisions for the dewatering of the drywell construction in the approved NPDES shall be adhered to and shall be considered incidental to the drywell construction.
19. The Contractor shall take due care to minimize native soil material from intrusion into the filter material of the drywell, and the Contractor shall prevent the excavated hole for the drywell from collapsing in the event sandy material is encountered. Temporary casings or other measures shall be provided to prevent collapse of the drywell hole. This work shall be considered the responsibility of the Contractor and incidental to various 604 Drywell Items.
20. The Contractor shall assume that some solid coral or rock strata exists when drilling for the drywells to the specified depth.

LEGEND

	Reconstruction Areas		Existing Sewer Line
	Leveling Areas		Existing Sewer Manhole
	Cold Planing Areas		Adjusted Sewer MH Frame/Cover
	Resurfacing Limits		Existing Gas Line
	Existing Electrical Line		New Gas Line
	New Electrical Line		Existing Gas Valve Box
	Existing Joint Pole		Adjusted Gas Valve Box
	Existing Power Pole		New Gas Valve Box
	Existing Electric Manhole		Existing Gas Manhole
	Adjusted Elec. MH Frame/Cover		Existing Monument
	New Electric Manhole		Adjusted Monument
	Existing Telephone Line		New Monument
	New Telephone Line		Existing Drain Line
	Existing Telephone Pole		New Drain Line
	Existing Telephone Manhole		Existing Storm Drain Manhole
	Adjusted Tele. MH Frame/Cover		Adjusted Storm Drain MH Frame/Cover
	New Telephone Manhole		New Storm Drain Manhole
	Existing Signal Corps Line		Existing Grated Drop Inlet
	New Signal Corps Line		Existing Catch Basin
	Existing TV Cable		Existing Traffic Sign
	New TV Cable		Existing Highway Lighting Standard
	Existing Water Line		
	New Water Line		
	Existing Water Manhole		
	Adjusted Water MH Frame/Cover		
	New Water Manhole		
	Existing Water Air Valve		
	Adjusted Water Air Valve		
	New Water Air Valve		
	Existing Water Valve Box		
	Adjusted Water Valve Box		
	New Water Valve Box		
	Existing Water Meter		
	Adjusted Water Meter		
	New Water Meter		
	Existing Fire Hydrant		
	New Fire Hydrant		

12/8/03	Amended General Note 19.
11/24/03	Amended General Notes 11 & 12. Added General Notes 18, 19 & 20.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GENERAL NOTES AND LEGEND FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS Vicinity of Nanakuli Avenue to Nanakuli Stream and Vicinity of Lualei Place to Princee Kahanu Avenue Project Nos. 93A-01-01 & 93A-02-01 Date: August, 2002	
SHEET No. 1 OF 1 SHEETS	