

ORIGINAL
PLAN

SURVEY PLOTTED BY _____ DATE _____

NOTE BOOK

DRAWN BY _____

TRACED BY _____

DESIGNED BY _____

QUANTITIES BY _____

CHECKED BY _____

No. _____

C:\Documents and Settings\Peter\My Documents\Projects\2009-2020 Traffic Operational Improvements\Plans\Notes.dwg Wed, Jan 08, 2014 - 12:17pm

GENERAL NOTES

- The scope of work for this project includes: The demolition of a portion of the existing landscaped median and the construction, in its place, of a new left turn storage lane from Lumiaina Street onto Kamehameha Highway; The modification of the existing signing and pavement markings on Lumiania Street (East-bound) between Lumiauau Street and Kamehameha Highway; The modification of the existing Traffic Signal System at the intersection, including but not limited to, new mast arms, new CCTV cameras, new cable conduit systems, replacing pedestrian signal heads, new loop detectors, and interconnecting adjacent traffic signals.
- The Contractor is reminded of the requirements of Subsection 105.16 – Subcontracts, which requires him to perform work amounting to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
- The Contractor’s attention is directed to the following Sections: Subsection 104.11 – Utilities and Services; Subsection 107.06 – Contractor Duty Regarding Public Convenience; Subsection 107.11 – Safety: Accident Prevention; Subsection 107.12 – Protection of Persons and Property; and Section 645 – Work Zone Traffic Control.
- 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.
- 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 tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- This project will affect bus routes, bus stops and para-transit operations, therefore, the Contractor shall notify the Department of Transportation Services, Public Transit Division at 768-8396 and Oahu Transit Services, Inc. (Bus Operations: 848-4578 or 848-6016 and Para-transit Operations: 454-5041 or 454-5020) of the Scope of Work, locations, proposed closure of any street, traffic lane, sidewalk or Bus Stop and duration of project, at least two (2) weeks prior to construction.
- The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor’s own expense, to the satisfaction of the Engineer.
- The existing drainage system will 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 any culvert work or the various contract items and will not be paid for separately.

- Earth swale shall be graded to drain. This work shall be considered incidental to various contract items.
- Smooth riding connections at transitions from new to existing pavement (where applicable) shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the Plans and/or as directed by the Engineer. This work shall be considered incidental to asphalt concrete pavement and will not be paid for separately.
- The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10-feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for separately.
- Removal and disposal of existing curb and gutter, curb, and asphalt concrete pavement, curb, and any debris shall be considered incidental to their respective bid items.
- All saw cutting work shall be considered incidental to Roadway Excavation or Asphalt Concrete or Various Contract Items or their respective bid items.
- Prior to placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.
- The top of the Hot Mix Asphalt Concrete Base Course, prior to placement of the new Hot Mix Asphalt Pavement, Mix No. IV, shall comply with the ten-foot straight edge requirement. The variation of the surface from a straight edge with two contacts with the surface, shall not exceed 3/16”.
- The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks, ADA access routes, side streets and cross streets, at all times. This work shall be considered incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for separately.
- The Contractor shall provide and maintain a temporary pedestrian-safe and easily accessible route or detour with barricades in or near the work zone. This temporary route or detour shall be paved with at least one-inch of Asphalt Concrete Pavement, Mix No V or covered with steel and/or wood planks. The accessible route shall be Americans With Disabilities Act (ADA) compliant (This is only applicable if existing surface is dirt and/or if the existing surface is non-ADA compliant). This work shall be incidental to curb ramps, sidewalk, or the various contract items and will not be paid for separately.
- The Contractor shall remove and dispose of all existing raised pavement markers, thermoplastic line markings, traffic tapes, and epoxy adhesives 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.
- No material and/or equipment shall be stockpiled or otherwise stored within the Highway Right-of-Way except at locations designed in writing 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 Oahu District Office at telephone no. 831-6712.

- All curbing angle points within the curb ramps shall be rounded with R=6”.
- Provide smooth transition where new sidewalk construction meets the existing grade or sidewalk. Transition shall not be steeper than 2% cross and longitudinal slopes and not less than 6-feet long or as specified on the Plans. This work shall be considered incidental to curb ramps, sidewalk, or the various contract items and will not be paid for separately.

FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	99C-01-13	2014	4	41

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
Vicinity of Kamehameha Highway and
Lumiaina Street
Project No. 99C-01-13

Scale: As NotedDate: Jan 2014

SHEET No. 1 OF 3 SHEETS