

GENERAL NOTES

1. The scope of work for this project involves pavement widening at the intersection of Kamehameha Highway and Kahekili Highway to add turning lanes in and out of Kamehameha Highway. The project will cold plane and resurface, restripe the intersection, relocate and adjust existing utilities; relocate bus shelter; and install additional signs.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, 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.
3. 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; Section 645 - Work Zone Traffic Control; and Section 211 - Archaeological Monitoring.
4. 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.
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 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 separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operation.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7. 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.
8. Smooth riding connections shall be constructed at all limits of the project, including the beginning and end of project, connecting approaches, and driveways as shown on the plans and/or as directed by the Engineer.
9. Dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
10. All saw cutting work shall be considered incidental to Contract Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV.
11. Existing drainage system will be 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.
12. The Contractor shall provide for access to and from all driveways, and existing side streets at all times. This work shall be considered incidental to various contract items.
13. The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes affected by the resurfacing, pavement widening and/or reconstruction work. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
14. 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 the various contract items and will not be paid for separately.
15. The Contractor shall install new meter boxes as shown on the plan, or as directed by the Engineer.

16. The Contractor shall provide a delineated safe path for local traffic at all times during construction. This work shall be considered incidental to the various contract items and will not be paid separately.
17. During construction, the Contractor shall provide a minimum lane width of 10'.
18. Existing monuments and utility manholes and valves shall be adjusted and flush to the new pavement grade.
19. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated 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.
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.
21. Contractor shall maintain the highway lighting system during the duration of the project. This work shall be considered incidental to various contract items.
22. Contractor shall provide a transition taper during non-construction hours for open trenches adjacent to the travelway. See Detail on Plan Sheet No. ADD.12.

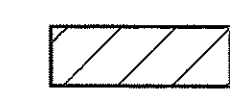
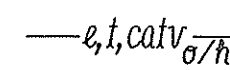
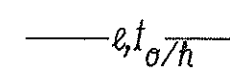
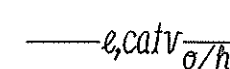




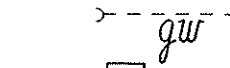

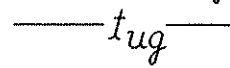

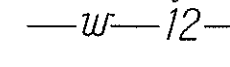
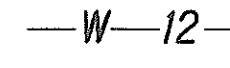
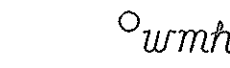








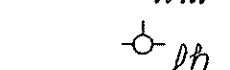

PAVING AROUND MANHOLES:

1. The Contractor shall first lower manholes more than 2" 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 various contract items pertaining to manhole adjustments.
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.

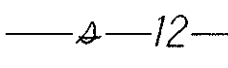
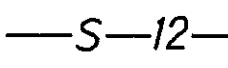






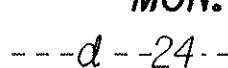
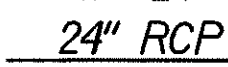
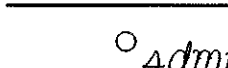




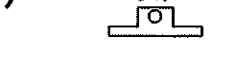


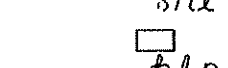

DUST CONTROL NOTES

1. The Contractor, at his expense, shall keep the project area and surrounding area free of dust nuisance. The work shall be in conformance with the Air Pollution Control Standards and Regulations of the State Department of Health and the City and County of Honolulu Code.
2. The graded or project site that is cleared of vegetation shall be kept damp seven (7) days a week through the use of misters and/or water wagons as necessary. At the end of each day, the site shall be sufficiently dampened so that it will remain moistened during the night. If the use of water causes problems with mud or soil erosion or water pollution or there is a notice by the Board of Water Supply to conserve water in the area, the Contractor shall utilize dust control agents approved by the Engineer.
3. The Contractor shall conduct his operations so that excavation, embankment, and imported material shall be dampened to prevent dust problems.

LEGEND

-  Pavement Widening and/or Reconstruction Areas
-  Existing Overhead Electrical Line, Telephone Line, and Cable TV Line
-  Existing Overhead Electrical Line and Telephone Line
-  Existing Overhead Electrical Line and Cable TV Line
-  Existing Joint Pole
-  New Joint Pole
-  Existing Power Pole
-  New Power Pole
-  Existing Guy Wire
-  Existing Electric PullBox
-  Existing Telephone Line (Underground)
-  Existing Telephone Pullbox
-  Existing 12" Water Line
-  New 12" Water Line
-  Existing Water Manhole
-  Adjusted Water MH Frame/Cover
-  New Water Manhole
-  Existing Water Valve Box
-  Adjusted Water Valve Box
-  New Water Valve Box
-  Existing Water Meter
-  Adjusted Water Meter
-  New Water Meter
-  Existing Fire Hydrant
-  Relocated Fire Hydrant

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-01-99	2006	ADD.3	28

-  Existing Sewer Line
-  New 12" Sewer Line
-  Existing Sewer Manhole
-  Adjusted Sewer MH Frame/Cover
-  New Sewer Manhole
-  Existing Monument
-  Adjusted Monument
-  New Monument
-  Existing 24" Drain Line
-  New 24 " RCP Drain Line
-  Existing Storm Drain Manhole
-  Adjusted Storm Drain MH Frame/Cover
-  New Storm Drain Manhole
-  Existing Grated Drop Inlet
-  Existing Catch Basin
-  Existing Traffic Sign
-  Existing Highway Lighting Standard
-  Existing Highway Lighting Pullbox
-  New Highway Lighting Standard
-  Adjusted Highway Lighting Pullbox

6/19/06	Added General Note Nos. 21 and 22.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>GENERAL NOTES AND LEGEND</b>	
<u>KAMEHAMEHA HIGHWAY</u> <u>Intersection Improvements At</u> <u>Kahekili Highway</u> <u>Project No. 83F-01-99</u>	
Scale: None	Date: November, 2005
SHEET No. 1 OF 1 SHEETS	