

GENERAL NOTES

1. The scope of work for this project consists of constructing auxiliary lanes; widening, cold planing, reconstructing and resurfacing of existing pavement; and installing bituminous curb, new guardrails, pavement striping, signs and markers.
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 104.04 - Maintenance of Traffic; Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility for Utility Property and Services; and Section 645 - Traffic Control.
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 placements 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.
6. The Contractor shall notify in writing, the Oahu Transit Services, Inc., Road Supervision Office, 811 Middle St. Honolulu, 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 construction operations.
8. Smooth riding connections 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.
9. The Contractor shall 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.
10. 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 the various contract items and will not be paid for separately.
11. Earth swale shall be graded to drain. This work shall be considered incidental to various contract items.
12. The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes and side streets and cross streets at all times. This work shall be considered incidental to the various contract items and will not be paid for separately.
13. 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.
14. Removal and disposal of existing curb, asphalt concrete pavement and any debris shall be considered incidental to their respective bid items.
15. All saw cutting work shall be considered incidental to Roadway Excavation or Asphalt Concrete or Various Contract Items.
16. Prior to placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.

17. Tack coat shall be incidental to the various Asphalt Concrete Pavement items.
18. 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 at least an inch of Asphalt Concrete Pavement, Mix No. IV and shall be American with Disabilities Act (ADA) compliant (this is only applicable if existing surface is dirt and/or if existing surface is non-ADA compliant). This work shall be incidental to the various contract items and will not be paid for separately.
19. 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.
20. Asphalt Concrete removed by scarifying and excavating weakened pavement areas shall be used for "Recycled Plant Mix Asphalt Concrete Base Course" or otherwise it shall be the Contractor's property.
21. Any adjustments to the existing water system required during construction to meet requirements of B. W. S. Standards, whether shown on the plans or not, shall be done by the Contractor.
22. If the Contractor is not able to pave the full travelway or total width of roadway at the end of a work day, the longitudinal pavement drop between lane passes of the paver shall be paved with a 4:1 slope transition. Prior to resume of paving the 4:1 slope transition shall be removed. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and shall not be paid for separately.
23. Dressing of shoulder 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 asphalt concrete pavement.
24. 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 State Right-Of-Way Branch at telephone no. 692-7332.

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.
4. The Contractor shall designate a contact person to whom the State can direct public inquiries and/or complaints regarding fugitive dust. The person shall have the authority to resolve all inquiries and complaints in regards to fugitive dust.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(50)	2007	3	24

LEGEND

- Resurfacing Limits
- gdi

Existing Grated Drop Inlet
- R/W

Right-of-Way
- e.s.

Existing Edge of Shoulder
- E.S.

New Edge of Shoulder
- e.p.

Existing Edge of Pavement
- E.P.

New Edge of Pavement
- Reconstruction Areas

ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	THATCHED BY	3/10/06
QUANTITIES BY	DESIGNED BY	
CHECKED BY	THATCHED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KALANIANA'OLE HIGHWAY  
Intersection Improvements  
at Hanauma Bay Road  
Fed. Aid Project No. NH-072-1(50)

Date: July 2006

SHEET No. 1 OF 1 SHEETS