

GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(34)	1997	3	20

1. The project begins on Kaahumanu Ave. in the vicinity of Waiale Bridge and proceeds towards Kahului ending @ Kahului Beach Road and Kane St.. Second worksite starts on Hana Hwy. at its intersection with Kaahumanu Ave. and ends at its intersection with Dairy Rd. The scope of work includes installation of paved shoulders, metal guardrails, wheelchair ramp, signing and pavement markings and relocating existing street light posts.
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 50 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 Sub-Section 104.04 Maintenance of Traffic, 107.13 Public Convenience and Safety, 107.21 Contractors Responsibility for Utility Property and Services, Section 645 Traffic Control of the Standard Specifications and the Special Provisions.
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.
5. Saw-cutting of existing pavement shall not be measured or paid for separately but shall be considered incidental to Roadway Excavation.
6. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping, and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.
7. The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
8. All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
9. Smooth riding connections shall be constructed at the beginning and end of the project, and at all connecting approaches as directed by the Engineer. This work shall be considered incidental to installation of paved shoulders.
10. The Contractor shall not leave more than 1 1/2" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1 1/2" drop-off, the Contractor shall install portable concrete barriers with appropriate markings along the edge of pavement. This work, which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to Roadway Excavation.
11. 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.
12. The Contractor shall provide for access to and from all existing sideroads and driveways at all times.
13. The Contractor shall construct shoulder and install guardrail only one side at a time. Guardrail terminals shall be installed before moving on to new location.

14. Sign posts shall be square tube post. Refer to Standard Plans for detail.
15. Demolishing, removing and disposing of existing curb and concrete sidewalk shall be considered incidental to installation of concrete sidewalk and will not be paid for separately.
16. Paved shoulder shall be constructed up to the face of the guardrail. Paved shoulder widths shall be determined in the field and approved by the Engineer.
17. 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.
18. Existing signs that will be removed and replaced shall be delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various signs pay items.
19. Whenever "SRT-350" is noted on these plans, it means "Slotted Rail Terminal". See Plan Sht. No. 7 for details.
20. The Contractor shall coordinate with Maui Electric Company (MECO) the relocation of street light posts throughout the project.
21. Dirt shoulder under the newly installed guardrails shall be graded and paved with 2" Asphalt Concrete, Mix IV. Payment for this work will be paid under applicable contract items.
22. Removal and/or eradication of existing striping will not be measured for payment and will be incidental to various items of work.
23. Contractor shall coordinate his work with various utility companies (telephone, water, electric, etc.). These companies must be contacted prior excavation begins.
24. In Hana Highway section, demolishing and removing of existing concrete curb shall not be measured or paid for separately but shall be considered incidental to roadway excavation.

LEGEND

- Existing Power Pole
- Existing Sewer Manhole
- Existing Monument
- Existing Water Manhole
- Existing Water Valve Box
- Existing Water Meter
- Existing Water Air Valve
- Existing 6" Water Line
- Existing 8" Water Line
- Existing 12" Water Line
- Existing 24" Drain Line
- Existing 48" Drain Line
- Existing 6" Sewer Line
- Existing 8" Sewer Line
- Existing Catch Basin
- Existing Telephone Line
- Existing Fire Hydrant
- New Single Metal Guardrail
- Existing Traffic Sign With 1 Post
- Existing Traffic Sign With 2 Posts
- Existing Traffic Sign With 3 Posts
- 4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
- Existing Highway Lighting Standard
- Adjusted Highway Lighting Standard
- Loulu Palm, Coconut Trees
- Royal Poinciana, Kukui, X-mas, Plumeria, Be-Still, Opuma, Kalamungai, Milo, Monkey Pod, Hala, Kiawe, African Tulip Trees
- Oleanda, Bougainvillea, Hala Bushes
- Oleanda, Bougainvillea, Be-Still Hedges
- Limits of Paved Shoulder and New Markings

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	Dec. 1995
NOTED BY	TRACED BY	
NOTED BY	QUANTITIES BY	
NOTED BY	CHECKED BY	

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

KAAHUMANU AVENUE & HANA HIGHWAY  
GUARDRAIL & SHOULDER IMPROVEMENTS  
Naniloa Drive to Kahului Beach Road &  
Kaahumanu Avenue to Dairy Road  
Fed. Aid Project No. STP-0900(34)

Date: December, 1995

SHEET No. 1 OF 1 SHEETS