


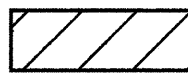
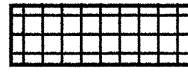



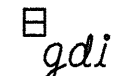

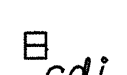





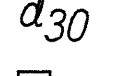
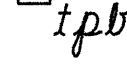
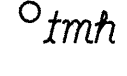
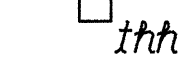
GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-030-1(25)	1995	3	35

1. This project consists of two sections of Honoapiilani Hwy. Worksite No. 1 starts on Honoapiilani Hwy. in the vicinity of North Kihei Road and ends in the vicinity of McGregor Point Worksite No. 2 is on Honoapiilani Hwy. at the Pali Tunnel.
- This scope of work includes widening of roadway; resurfacing and reconstructing existing pavement; installing reference survey monuments; installing and adjusting guardrails; cold planing; installation of signs and pavement markings and extension of culverts.
2. The Contractor's attention is directed to Subsection 107.13 - Public Convenience and Safety: Section 645 - Traffic Control and Subsection 104.04 Maintenance of Traffic.
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.
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. Prior to resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Payment shall be considered incidental to Item No. 401.0400- AC Pavement Mix No. IV.
7. The Contractor shall notify the State 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. All holes, depressions, and wheel ruts and leveling areas as shown on the plans shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V leveling course prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. V.
10. Unless directed by the Engineer, connections shall be cold planed at all limits of resurfacing including the beginning and end of project, connecting approaches, side streets and driveways.
11. Dressing 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. Shoulder areas without guardrails shall be dressed at 6:1 slope (max.) unless shown on plans or directed by the Engineer.
12. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.

13. The contractor shall provide for access to and from all existing driveways and streets at all times.
14. All saw cutting of existing pavement shall not be measured or paid for separately, but shall be considered incidental to various contract items.
15. Unless directed or approved by the Engineer, staggered paving resulting in longitudinal dropoff will not be permitted. In case of emergency, transition wedge with 10:1 slope shall be constructed along the longitudinal joint. Furthermore, temporary markings consisting of double, 4-inch yellow reflective tape with Type "D" markers at 10' o.c. shall be installed. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
16. At the end of each paving day, transverse joint must be constructed to provide a smooth riding connection. Transition wedge shall be constructed at 10:1 slope or flatter. Prior to resuming paving, the transition wedge shall be removed by saw cutting. Furnishing, paving and removing the transition wedge will not be paid for separately but will be considered incidental to Asphalt Concrete Pavement, Mix No. IV.
17. Resetting or adjusting of existing guardrail heights shall include adjustment of terminal sections including foundations, etc. to required height.
18. Location of new reference survey monument has been laid out by the Engineer. The Contractor must obtain services of a licensed surveyor to reference these monuments as shown on the plans. An affidavit certifying that these monuments have been installed in accordance with the contract documents shall be submitted prior to project acceptance.
19. At the end of each work day, portable concrete barriers shall be installed along excavation areas. Layout of barrier shall be approved by the Engineer. Payment for this work will not be paid for separately but shall be considered incidental to Roadway Excavation.
20. Work on Honoapiilani Highway Worksite No. 2, between Sta. 42+00+ (entrance to Maalaea Harbor) and end of project shall be done on weekends and/or legal holidays during non peak daylight hours as approved by the Engineer. All other work areas shall be done at night between the hours of 9:00 pm and 5:30 am.
21. Whenever "MELT" is noted on these plans, it means Modified Eccentric Loader Breakaway Cable Terminal. See Plan Sheets 18, 19 & 20 for details.

LEGEND

-  Reconstruction Areas
-  Leveling Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Monument
-  New Monument
-  Existing Grated Drop Inlet
-  Existing Catch Basin
-  Existing Concrete Drop Inlet
-  Existing Metal Guardrail
-  New Metal Guardrail
-  New Traffic Sign With 2 Posts
-  Existing Traffic Sign With 1 Post
-  Existing 30" culvert
-  Existing Telephone Pull Box
-  Existing Telephone Manhole
-  Existing Telephone Handhole
-  Existing Earth Mound Terminal

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	Jan. 1995
log/in c/s	TRACED BY	
Shennong	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HONOAPIILANI HIGHWAY RESURFACING
North Kihei Road to McGregor Point
and Tunnel Section
Federal-Aid Project No. NH-030-1(25)
Date: January, 1995

SHEET No. 1 OF 1 SHEETS