

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36A-02-87M	1987	5	24

GENERAL NOTES

1. The scope of work for this project consists of reconstructing and resurfacing existing pavement areas; constructing auxiliary lanes, paved shoulders; dressing of shoulders, cold planing; adjusting manholes; installing/relocating regulatory and warning signs, pavement striping and markers.
2. The entire roadway areas within the project limits shall be resurfaced with 1 1/2 inch of Asphalt Concrete Pavement Mix V unless otherwise directed by the Engineer.
3. The Contractor's attention is directed to Subsection 107.13-"Public Convenience and Safety" and to Section 645-"Traffic Control" of 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 accuracy is not guaranteed. The encountering of other obstacles during the course of the work may be possible. The Contractor shall be held liable for any damages incurred to the existing facilities as a result of his operations. All damaged portions shall be replaced in accordance with the Standards and Specifications of the State and/or the affected utility company.
5. The exact limits of areas to be reconstructed shall be determined in the field by the Engineer. The depth of excavation for reconstruction shall be the reconstruction thickness minus the overlay thickness as designated on the plans. The excavated areas shall be reconstructed with Plant Mix Asphalt Concrete Base Course prior to re-surfacing.
6. All holes and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V prior to re-surfacing. This work will be paid for under Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V.
7. The Contractor shall remove and dispose all existing raised pavement markers in the resurfacing areas prior to overlaying of Asphalt Concrete. This work shall be considered incidental to Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V and will not be paid for separately.
8. If at the end of a work day the full travelway or total width of roadway is not paved, the Contractor shall pave the longitudinal pavement drop between lane passes of paver with a one foot transition wedge along the lane line with a maximum thickness of 1 1/2 inches down to 0 inches. Prior to resuming paving, the wedge transition shall be removed. The work for furnishing, paving and removing the Asphalt Concrete slope transition shall be considered incidental to Item No. 401.0500-Asphalt Concrete Pavement, Mix No. V and will not be paid for separately.

9. As shown on the plans or directed by the Engineer, a smooth riding transition shall be provided at the beginning and end of the project, at side streets, between all pavement areas used by public traffic during each construction phase, and between transition of construction phases.
10. Dressed shoulders 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.
11. Existing drainage system will be functional at all times during construction. 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.

WATER CONSTRUCTION NOTES

1. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, dated 1985, as amended, of the Hawaii Highways Division, Department of Transportation and the County of Maui, Department of Water Supply's "Water System Standards", Volume 1, dated 1985, and the "Approved Material List and Standard Details For Water System Construction", Volume 2, dated 1985 and all subsequent amendments and additions.
2. The Contractor shall notify the Dept. of Water Supply in writing one week prior to commencing work.
3. Any adjustments to the existing water system required during construction to meet requirements of D.W.S. Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the D.W.S.

MAUI ELECTRIC CO., LTD. NOTES

1. The location of MECO'S overhead and underground facilities shown on the plans are from existing records with varying degrees of accuracy and are not guaranteed as shown. The Contractor shall exercise extreme caution whenever construction crosses or is in close proximity of underground lines and shall maintain adequate clearance when operating equipment within or under any overhead lines.
2. The Contractor shall comply with the State of Hawaii's Occupational Safety and Health Law (DOSH)
3. For verification of underground lines or for assistance in supporting and protecting these lines, the Contractor shall call MECO a minimum of 72 hours in advance.

4. The Contractor shall be liable for any damages to MECO facilities and shall immediately report such damages to MECO.

SEWER NOTES

1. All construction shall be performed in accordance with the County's STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, May 1975 and THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, September 1984.
2. The Contractor shall notify the Waste Management Division (7) seven days prior to the commencement of sewer work.
3. Location of existing sewer appurtenances shown on the plans are approximate only. The exact location shall be verified in the field.

HAWAIIAN TELEPHONE CO. (HTCO) NOTES

1. The location of existing Hawaiian Telephone Company underground facilities are approximate only. The Contractor shall verify their location and depth of the facilities. Any damages to the underground facilities as a result of his operations shall be repaired by the Contractor.
2. The Contractor shall notify Hawaii Telephone Company, 72 hours prior to the start of excavation for field location of Hawaiian Telephone Company underground facilities.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL & UTILITY NOTES
HANA HWY. RESURFACING
Kaahumanu Ave. To Haleakala Hwy.
PROJECT NO. 36A-02-87M
Date: April, 1987
SHEET No. 1 OF 1 SHEETS