

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.

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 shown on the plans 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 Hawaiian Telephone Company 72 hours prior to the start of excavation for field location of Hawaiian Telephone Company underground facilities.

MAUI ELECTRIC CO. (MECo.) 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.

GENERAL NOTES

- 1. The Project begins on Kaahumanu Avenue in the vicinity of Waiale Bridge and proceeds towards Kahului, ending at Hobron Avenue at approximately mile post 2.84.
- 2. Before resurfacing, the contractor shall remove and dispose of all existing raised pavement markers. This work shall be considered incidental to Item No. 401.0500, A.C. Pavement, Mix No. V.
- 3. Prior to placing leveling course or 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. 401.0500, A.C. Pavement, Mix No. V.
- 4. The entire roadway areas within the project limits shall be resurfaced with 1 1/2 inches of Asphalt Concrete Pavement, Mix No. V unless otherwise directed by the Engineer.
- 5. 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. Payment for this work shall be made under Item No. 401.0500, A.C. Pavement, Mix No. V.
- 6. The Contractor's attention is directed to Sub-Sections 104.04, 107.13, 107.21, and Section 645 of the Standard Specifications and the Special Provisions.
- 7. 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 thickness of 1 1/2 inches down to 0 inches. Prior to resuming paving, the transition wedge shall be removed. The work for furnishing, paving and removing the Asphalt Concrete transition wedge shall be considered incidental to Item No. 401.0500 - A.C. Pavement, Mix No. V.
- 8. Dressed shoulders shall consist of cleaning, 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.
- 9. 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.
- 10. 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 resurfacing.
- 11. The Contractor shall construct tapers at sideroads and driveways as shown on Sheet No. 4, unless otherwise directed by the Engineer. Payment for this work shall be made under Item No. 401.0500, A.C. Pavement, Mix No. V.
- 12. The Contractor shall notify the State, in writing, two weeks prior to starting paving operations.
- 13. 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.
- 14. The Contractor shall reference all existing pavement markings prior to resurfacing. Final placement of the new pavement markings shall be as approved by the Engineer. Payment for this work shall be considered incidental to new pavement markers and striping. For installation of pavement markers and striping, See Standard Detail, TE 30.
- 15. All holes, cracks and large depressions shall be filled and compacted with A.C. Pavement, Mix No. V prior to resurfacing. Payment shall be considered incidental to Item No. 401.0500, A.C. Pavement, Mix No. V.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	32A-01-89M	1989	3	13

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES AND UTILITIES NOTES
KAAHUMANU AVE. RESURFACING
MAIN ST. TO HOBRON AVE.
PROJECT NO. 32A-01-89M
SCALE : N/A DATE: AUG. 1988
SHEET NO. 1 OF 13 SHEETS