

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

GENERAL NOTES

1. The project begins on High Street in the vicinity of Keanu Street and proceeds towards Wailuku, turning right on to Main Street and ending in the vicinity of Waiale Bridge.

2. Improvements consist of constructing paved shoulders, reconstructing and resurfacing existing pavement; reconstructing existing concrete sidewalk areas; adjusting manholes, water valve boxes, pullboxes and centerline monuments; signing; striping and pavement marking.

3. Before resurfacing, the Contractor shall remove and dispose of all existing raised pavement markers. This work shall be considered incidental to Item No. 401.0400, A.C. Pavement, Mix No. IV.

4. 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 the various contract items.

5. The entire roadway areas within the project limits shall be resurfaced with 1 1/2 inches of Asphalt Concrete Pavement, Mix No. IV unless otherwise directed by the Engineer.

6. 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, driveways, 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. 401.0400, A.C. Pavement, Mix No. IV.

7. The Contractor's attention is directed to Sub-Sections 104.04, 107.13 and Section 645 of the Standard Specifications and the Special Provisions.

8. Removal of existing concrete curbing and sidewalk shall be considered incidental to Item No. 608.1100, Reinforced Concrete Sidewalk.

9. 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.

10. Existing signs located within the new paved shoulder shall be removed and relocated as directed by the Engineer. Payment for this item of work shall be considered as incidental to the new paved shoulder.

11. Saw-cutting of existing pavement shall not be measured or paid for separately, but shall be considered incidental to paved shoulders.

12. Removal of existing Bituminous Curbing shall be considered incidental to Item No. 609.6000, Bituminous Curb, Type 6.
13. The existence and location of underground utilities, manholes, monuments, pullboxes 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.

14. 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.

15. The contractor shall construct tapers at sideroads and driveways as shown on Sheet No. 5, unless otherwise directed by the Engineer. Payment for this work shall be made under Item No. 401.0400, A.C. Pavement, Mix No. IV.

16. The Contractor shall notify the State, in writing, two weeks prior to starting paving operations.

17. 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.

18. 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. See Standard Detail, TE 30.

19. All holes, cracks and large depressions shall be filled and compacted with A.C. Pavement, Mix No. IV prior to resurfacing. Payment shall be under Item No. 401.0400, A.C. Pavement, Mix No. IV.

20. 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.

21. The Contractor shall provide safe access to business and residential driveways and sidewalks for motorists and the public at all times during construction.

22. 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.

23. All manhole frames and covers affected by the resurfacing shall be adjusted to the new grades as directed by the Engineer.

24. The Contractor shall replace loop detectors within 3 days after removal.

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. Contractor to obtain the latest revisions from D.W.S.
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.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-02-91M	1991	3	19

LEGEND

- Reconstruction Areas
- Cold Planing Areas
- Resurfacing Limits
- o gp

Existing Guy Pole
- o jp

Existing Joint Pole
- o pp

Existing Power Pole
- o tp

Existing Telephone Pole
- o ts

Existing Traffic Signal
- d —

Existing Drain Line
- e —

Existing Electrical Line
- s —

Existing Sewer Line
- t —

Existing Telephone Line
- w — 12"

Existing Water Line
- x —

Existing Chain Link Fence
- o wv

Existing Water Valve
- ✧ fh

Existing Fire Hydrant
- o emh

Existing Electric Manhole
- o sdmh

Existing Storm Drain Manhole
- o smh

Existing Sewer Manhole
- o csmh

Existing Covered Sewer Manhole
- o tmh

Existing Telephone Manhole
- tpb

Existing Telephone Pullbox
- tspb

Existing Traffic Signal Pullbox
- gdl

Existing Grated Drop Intake
- sdeb

Existing Storm Drain Catch Basin
- eh

Existing Electric Handhole
- BM

Bench Mark
- mon

Existing Monument
- hdwl

Existing Headwall

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES, UTILITY  
NOTES & LEGEND

HIGH STREET/MAIN STREET RESURFACING  
PROJECT NO. HWY-M-02-91M

Date: Jan., 1991

SHEET No. 1 OF 1 SHEETS