

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(33)	2000	4	29


COUNTY OF MAUI GENERAL NOTES

COSTRUCTION NOTES WITHIN COUNTY RIGHT-OF-WAY

- Contractor shall obtain a permit to Perform Work on County Highways from the Division of Land Use & Codes Administration two weeks prior to the commencement of work.
- The latest revisions of the Standard Detail Drawings and the Standard Specifications for Road, Bridge, and Public Works Construction shall be included as part of the construction plans.
- If existing utilities, whether or not shown on plans, if damaged during construction by the contractor shall be repaired at his own expense.
- Contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, and other protective devices for the protection, safety and convenience of the public, according to the 'Manual on Uniform Traffic Control Device for Streets and Highways', and to the rules and regulations governing the use of traffic control devices at worksites and/or adjacent to public streets and highways adopted by the Highway Safety Coordinator and the U.S. Federal Highway Administration 'Manual on Uniform Traffic Control Devices for Highway Construction and Maintenance Operations'.
- The Director Public Works and/or the Director of the Department of Water Supply has the right to stop construction should any work be found contrary to the approved construction plan or detrimental to the public's interest.
- The Contractor shall schedule a pre-construction meeting with the Land Use & Codes Administration five (5) days prior to commencement of construction.
- The contractor shall, at his own expense, keep the project area and surrounding area free from dust nuisance. The work shall be in conformance with Air Pollution Control Standards and Regulations of the State Department of Health and County Grading Ordinance.
- The contractor shall remove all silt and debris resulting from his work and deposited in drainage facilities, roadways and other areas. The cost incurred for any necessary remedial action ordered by the Director of Public Works shall be paid by the contractor.
- Construction debris and wastes shall be deposited at an appropriate work site. The contractor shall inform the Director of Public Works of the location of the disposal sites. The disposal site must fulfill the requirements of the grading ordinance.
- The contractor shall submit a microfilm copy and five (5) copies of the 'As-Built' drawings prior to the final approval of the improvements.
- Bench marks shall be established and certified by a licensed land surveyor and submitted to the Land Use and Codes Administration.
- Should historic sites such as walls, platforms, pavements, or mounds, or remains such as artifacts burials, concentration of shell or charcoal be encountered during construction activitiars, work shall cease immediately in the immediate vicinity of the find and the find shall be protectd from further damage. The contractor and/or landowner shall immediately contact the State Historic Preservation Division (587-0013), which will assess the significance of the find and recommend an appropriate

"COMPACTION REQUIREMENTS"


- Testing of materials shall be conducted by an approved independent testing agency in accordance with ASTM standard methods or as specified by the Department of Public Works, Engineering Division, as follows:
  - Embankment/Select Borrow and Subgrade Materials: one (1) compaction test per 600 square yards per lift;
  - Aggregate Subbase Course: one (1i) compaction test per 400 square yards; one (1) gradation and sand equivalent test per project;
  - Aggregate Base Course: one (1) compaction test per 300 square yards; one (1) gradation and sand equivalent test per project;
  - Asphalt Concrete Pavement or Asphalt Treated Base Course; three (3) A.C. cores for thickness an density tests per project;
  - Trench Backfill Material: one (1) test for each 300 lineal feet of trench per lift of material.
- Contractor shall submit all testing reports including results to the County's inspection agency for review and approval prior to County's acceptance of work.
- The contractor shall be required to notify the County of any testing failures and correct each failure prior to proceeding to the next phase of construction.
- Noncompliance will require removal of all subsequent work to correct the area of failure. All costs of testing, removal, and reconstruction, shall be born by the contractor.

  
DIRECTOR, Department of Public Works  
& Waste Management  
County of Maui  
(Approval limited to work within the  
County Right of Way)

7/7/99  
Date

DEPARTMENT OF WATER SUPPLY NOTES

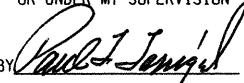
- The Contractor/Utility Company shall contact the Department of Water Supply at Phone # 243-7340 one (1) week prior to commencement of work.
- The Contractor/Utility Company shall be responsible to verify the exact size, depth and location of existing water lines in the project area prior to commencement of work and shall meet with the Department of Water Supply personnel out in the field to help locate the existing water lines in the project area if necessary.
- Maintain a minimum of three (3) feet clear horizontal separation between existing water lines and installed utilities.
- Maintain a minimum of six (6) inches clear vertical separation between existing water lines and installed utilities at all crossings.
- In general, conduit lines shall cross above water lines. Should it be necessary for conduit lines to cross below water lines, and the existing water line is of asbestos cement, the affected sections of the existing water line shall be removed and replaced in its entirety, from joint to joint and replaced with ductile iron pipe and the necessary transitional couplings. No cutting of existing pipe will be permitted. The Engineer will pay for this work on a Force Account basis under Item 202.0410 "Removal of Hazardous Waste". If the water line is not of asbestos cement, or if the conduit lines cross above the water line, the crossing shall be performed as detailed on Sheet 21. See Section 202 - "Removal of Structures and Obstructions".
- Any installed utility crossing an existing water line shall be concrete jacketed a minimum of five (5) feet on both sides of the crossing.

  
DIRECTOR, Department of Water Supply  
County of Maui  
(Approval limited to water improvements  
which will be dedicated to the Department  
of Water Supply)

7/6/99  
Date

ORIGINAL PLAN	DATE
NOTE BOOK	02/99
NO.	02/99
QUANTITY BY	
CHECKED BY	



THIS WORK WAS DONE BY ME  
OR UNDER MY SUPERVISION  


STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
<b>MAUI COUNTY GENERAL NOTES</b>
<b>HONOAPIILANI HIGHWAY</b>
<b>Installation of Traffic Signals at Napilihau Street</b>
<b>F.A. Project No. STP-030-1(33)</b>
Scale: None Date: Feb., 1999
SHEET No. 2 OF 2 SHEETS