

## NOTES FOR WORK WITHIN THE COUNTY RIGHT-OF-WAY

FED. ROAD DIST. NO. FED. AID FISCAL SHEET PROJ. NO. YEAR NO. STATE HAWAII HAW: ER-12(3) 2002

All work shall be done in accordance with the County of Hawaii, Department of Public Works (DPW), "Standard Specifications For Public Works Construction," dated September 1986, and "Standard Details For Public Works Construction, "dated September 1984.

2. The Contractor shall verify the location of all existing utilities, whether shown on the plan or not, and shall be responsible for the repair or replacement of same in the event of damages due to his construction practices. The Contractor shall coordinate his work with the respective utility companies.

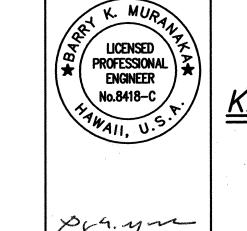
- 3. The Contractor shall provide and install all traffic control devices in conformance with the current edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and as directed by the Department of Public Works.
- 4. The Contractor shall notify the Department of Public Works 48 hours before the commencement of any utility line work to schedule a field review and secure approval of the proposed utility line location within the
- 5. The proposed utility line location shall be laid out in the field prior to the conducting of the field review by the Department of Public Works.
- 6. Field adjustments shall be made as directed by the Department of Public Works prior to the commencement of any utility line work.
- from the Department of Public Works by the Contractor for work within the County right-of-way.
- 8. The Contractor shall provide at least one (1) lane for traffic movement at all times. Two (2) lanes for traffic movement shall be provided between the hours of 3:30 p.m. To 8:00 a.m.
- anytime sign 9. The existing pavement shall be saw-cut before commencement of trenching work.
- 10. Any pavement outside the contract zone limits damaged as a result of construction operations shall be restored to its original condition, or better, as directed by the DPW.
- white stripe 11. A temporary cold mix patch shall be applied immediately upon completion of the backfilling operation and shall be maintained by the contractor until a permanent patch is authorized by the Department of Public Works.
- double yellow stripe be maintained by the contractor until a permanent patch is additioned by the contractor until a permanent patch is additioned by the from the white the property of the stockpile closer than six (6) feet from the
  - \_13. No construction equipment shall be parked within the road right—of—way in such a manner that the equipment will obstruct the normal movement and sight distance of the driving motorist, except during actual working hours.
- -Sta. 4+50 B Ramani Street elec. pole #114. Except during actual working hours, all signs that do not pertain to the construction activity, such as "men working" and "flagman ahead" shall be covered or laid down. However, all signs necessary for the safety of the public shall be maintained.
  - 15. Any pavement markings, structures, and appurtenances damaged by the utility line installation shall be repainted or reconstructed as directed by the Department of Public Works.
  - 16. No trenching shall be left open for more than five (5) working days.
  - 17. Should trenching occur through an existing sidewalk or should damages occur to the sidewalk as a result of trenching, the following procedure shall be utilized to repair the sidewalk.
  - A. All portland cement concrete to be removed shall first be cut with a concrete saw that has a diamond or carborundum abrasive wheel. Those cuts shall be made to a depth equal to at least one-fourth of the depth of the slab, or enough as is deemed necessary by the department of public works, to permit
  - breaking out the balance of the concrete without spalling off the exposed edges of the slab left in place. B. If any concrete block is touched, the whole block shall be removed and later replaced, unless a minor
  - variation is authorized by the dpw or its representative. C. Any damages to adjacent areas due to settlement or to any other effects whatsoever caused by the trench construction shall be properly repaired and corrected.
  - D. All other incidental work shall be satisfactorily performed to effect the proper restoration of the sidewalk
  - 18. The permittee shall maintain, to the satisfaction of the department of public works, the area worked within the government right-of-way including any repairs to pavement and shoulder damaged as a result of the installation work, for a period of one (1) year from the date of final inspection. The permittee shall undertake repairs expeditiously, whenever directed by the department of public works during the maintenance period.

## COMPACTION TESTING

The Contractor shall hire an independent testing lab to conduct compaction tests for submission to the Department of Public Works. Compaction tests shall be taken in accordance with the specifications for installation of miscellaneous improvements within State Highways. Compaction tests shall be taken according to section 207.1, special instructions of field compaction testing, <u>HDOT Technical Manual on Material Quality</u> Control, as follows:

- A. Subbase: one (1) compaction test per lift, per 300 linear feet.
- B. Base course: one (1) compaction test per lift, per 200 linear feet.
- C. One (1) compaction test per lift, per 500 linear feet of trench.

APPROVED: 2/7/02 Division Chief, Engineering Division Department of Public Works



THIS WORK WAS PREPARED

BY ME OR UNDER MY

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

## KAMANI STREET PLAN & PROFILE

MAMALAHOA HIGHWAY

EMERGENCY REPLACEMENT OF PAAUAU STREAM BRIDGE, IMPROVEMENTS AT KAMANI STREET. AND REHABILITATION OF VARIOUS BRIDGES FEDERAL AID PROJECT NO. ER-12(3)

Scale: As shown Date: Jan. 2002 SHEET NO. 1 OF 1 SHEETS