ONLY

XXX XX

4-type "A" raised pavement markers

Type "C" raised pavement markers @ 40'-0" O.C.

4" double solid yellow stripes (thermoplastic extrusion) with type "D" raised pavement markers @ 20'-0" O.C.

4" double solid yellow stripes (thermoplastic extrusion) with type "H" raised pavement markers @ 20'-0" O.C.

Crosswalk and stop line (thermoplastic extrusion). All stop lines and crosswalks shall be located as indicated on the signing and striping plans. The circled number indicates the number of lanes for payment.

Pavement arrow (thermoplastic extrusion) @ 50' separation

Pavement word (thermoplastic extrusion)

4" guide lines (thermoplastic extrusion).

4" yellow transverse median marking @ 20'-0" O.C.

Pavement marking to be removed

2' long @ 6' O.C.

(thermoplastic extrusion)

Contractor shall paint temporary guidelines and outline of arrows, legends, and to traffic. These markings must be approved by the inspector from the Civil Engineering Branch, Department of Planning and Permitting.

6. Contractor shall notify the Civil Engineering Branch, Department of Planning and

Upon final inspection of the project, the contractor shall submit a letter of certification for all traffic signing and pavement marking materials installed.

10. Signs shall be attached to brackets with 5/16" zinc plated steel bolts, nuts and washers. Signs 48" wide or larger than 10 Sq. ft. in area shall be mounted on two 2" galv. pipe post. The signs shall be installed with at least one (1) foot clearance

Raised pavement markers shall be installed in accordance with the Department of

B. Install "STOP" sign on metal street light standard if a standard is located within 10 feet of curb return.

C. Install "STOP" sign in front of utility pole if a pole is located within 10 feet of curb return.

FISCAL SHEET TOTAL YEAR NO. SHEETS STATE PROJECT NO. DIST. NO. 99D/G-01-08 2008 | 12 | 89 **HAWAII** 

## SIGNS AND MARKING NOTES FOR WORK ON CITY & COUNTY RIGHT-OF-WAY

- All traffic sign and pavement marking installations shall be done in accordance with the "Manual on Uniform Traffic Control Devices", millennium edition, as amended, the latest specifications from the Traffic Review Branch, Department of Planning and Permitting, and as shown on the plans.
- Contractor shall notify and coordinate work the Civil Engineering Branch, Department of Planning and Permitting, one (1) week in advance of commencing work at 768-8084.
- Contractor shall submit material brochures for all signs and paint materials to the Civil Engineering Branch, Department of Planning and Permitting.
- The signing and/or striping contractor shall keep one (1) set of approved plans at the project site at all times during construction work.
- crosswalks with a two inch (2") wide brushed line on the day the roadway is opened
- Permitting at 768-8084, three (3) days in advance of final inspection.
- Contractor shall meet with the inspector from the Civil Engineering Branch, Department of Planning and Permitting during the final inspection.
- The contractor shall submit to the Department of Planning and Permitting (phone: 768-8084) for approval, a list of any signing and pavement marking material which he proposes to install. The list shall be complete as to the name of manufacturer, catalog number and shall be supplemented with material brochures.
- from the sign edge to the curb face.
- All traffic signs shall be reflectorized.
- Planning and Permitting standards.
- 13. Location of "STOP" sign:
  - A. Install "STOP" sign at curb tangent point.

- 14. Pavement word and symbol markings shall be in accordance with the Department of Planning and Permitting standards.
- 15. The contractor shall use thermoplastic material, approved by the Civil Engineering Branch, Department of Planning and Permitting, for all crosswalks, stop bars, pavement arrows, center lines, lane lines, arc lines, channelized traffic islands, and legends.
- 16. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the engineer. Costs shall be incidental to the various pavement marking items.
- 17. Raised pavement markers shall not be installed within crosswalks.
- 18. Final locations of all signs shall be approved by the engineer prior to any installation work.
- 19. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- 20. Final locations of all stop lines shall be approved by the engineer prior to installation.
- 21. All pavement striping shall be as noted on the legend or plans.
- 22. Replacement of all raised pavement markers shall be considered incidental.
- 23. For restriping between intersections, see Interconnect plans.

LICENSED PROFESSIONA **ENGINEER** 

Au Jen Jen 30/10

STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION** HIGHWAYS DIVISION

## PAVEMENT MARKING NOTES

KAMEHAMEHA HIGHWAY TRAFFIC OPERATIONAL IMPROVEMENTS VICINITY OF ACACIA ROAD TO CENTER DRIVE PROJECT NO. 99D/G-01-08

EXPIRATION DATE OF THE LICENSE Scale: None

Date: April 2008

SHEET No. C-02 OF

SHEETS