


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	98A-01-15	2017	16	40

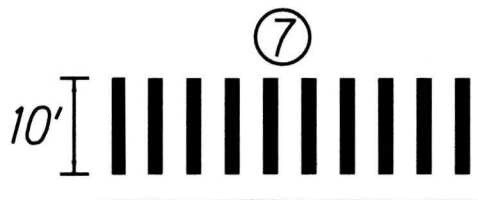
MARKING NOTES

- Layout of pavement markings and striping shall be done by the contractor and approved by the engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the engineer, costs shall be considered incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the engineer prior to any installation work.
- 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.
- Final locations of all stop lines shall be approved by the engineer prior to installation.
- All pavement striping shall be as noted on the legend of plans.
- Existing crosswalk with deteriorated striping, as determined by the engineer, shall be restriped, whether or not indicated on the plans at no cost to the State.
- Costs of removal and relocation of existing signs shall be considered incidental to various signing and striping pay items.
- Existing pavement striping, RPM'S, and crosswalks damaged as a result of construction shall be restored by the contractor at no cost to the State, unless the restriping has been called out in these construction plans.
- Contractor shall verify the locations and dimensions of existing signs, panels supports and framing.
- All signs shall conform to section 631 of the special provisions and the latest editions and amendments of the following FHWA publications:
 - "Manual on Uniform Traffic Control Devices for Streets and Highways " (MUTCD)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- Borders, messages, arrows, symbols and shield shall conform to details as shown on the plans and as specified in the MUTCD.
- Sign messages shall be as indicated on the plans.
- All panels shall be reflectorized in accordance with subsection 750.01 of the Standard Specifications. Minimum width of panels shall be 2 feet. Abutting edges of panels shall be in only on direction. If vertical abutting edges are used, no horizontal abutting edges shall be allowed and vice versa.
- Street name signs for on-site streets shall be per Standard details for public works construction.

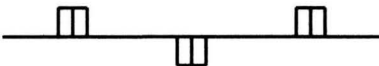
LEGEND




4" White Guide Lines
(Tape, Type III or Thermoplastic Extrusion)



Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Tape, Type III)





8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c.
(Tape, Type I or Thermoplastic Extrusion)



New 8' White Left Turn Arrow.
5' From Stop Bar and 50' O.C.

DATE	_____
SURVEY DICTATED BY	_____
DRAWN BY	_____
TRACED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
IN	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION SHALL BE AS DEFINED IN CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS)

CH2M HILL, INC.
LICENSE EXPIRES 04-30-18

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING NOTES

VINEYARD BOULEVARD
TRAFFIC SIGNALS AT RIVER STREET
PROJECT NO. 98A-01-15

Scale: NTS Date: June, 2017

SHEET No. 16 OF 34 SHEETS