

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-M-01-14M | 2014 | 3 | 33 |

GENERAL NOTES

- Sign shall be installed in conformance with the latest edition of Federal Highway Administration Manual on Uniform Traffic Control Devices (MUTCD), as amended or supplemented by the contract documents.
- The minimum lateral and vertical clearances are guidelines and shall be exceeded whenever practical. Sign shall be installed as consistent as possible with other existing and new signs to create an overall coordinated appearance that best command road users' attention and respect.
- Unless otherwise shown, sign shall be vertically mounted at right angles to the direction of, and facing, the traffic that they are intended to serve. On curved alignment, the angle of placement should be determined by the direction of approaching traffic rather than by the roadway edge at the point where the sign is located.
- Sign with arrow denoting extent of restrictive zone, such as parking, shall be mounted 45 degrees to the line of traffic flow.
- Reference location sign may be moved in either direction as much as 50 feet when approved by the Engineer.
- All regulatory signs shall be reflectorized unless otherwise specified.
- Numerals in () indicate numerals to be inserted for sign message. (R) or (L) indicates right or left.
- All signs shall be erected without educational plaques unless called for in the plans.
- Legend and borders shall be white (reflectorized) on a green (reflectorized) background.
- Drill $\frac{3}{8}$ " \varnothing bolt holes (for mounting) at appropriate locations.
- Sign panel backing shall be sheet aluminum conforming to the requirements specified in Subsection 712.20(B)(1) Sheet Aluminum.
- Corners of sign panels shall be rounded to fit the border.
- See Standard Plans TE-01, TE-02, TE-03A and TE-03B for additional sign post installation and anchor base details.
- Sign message of Cardinal Direction Marker (M3 series) shall be denoted by the following:

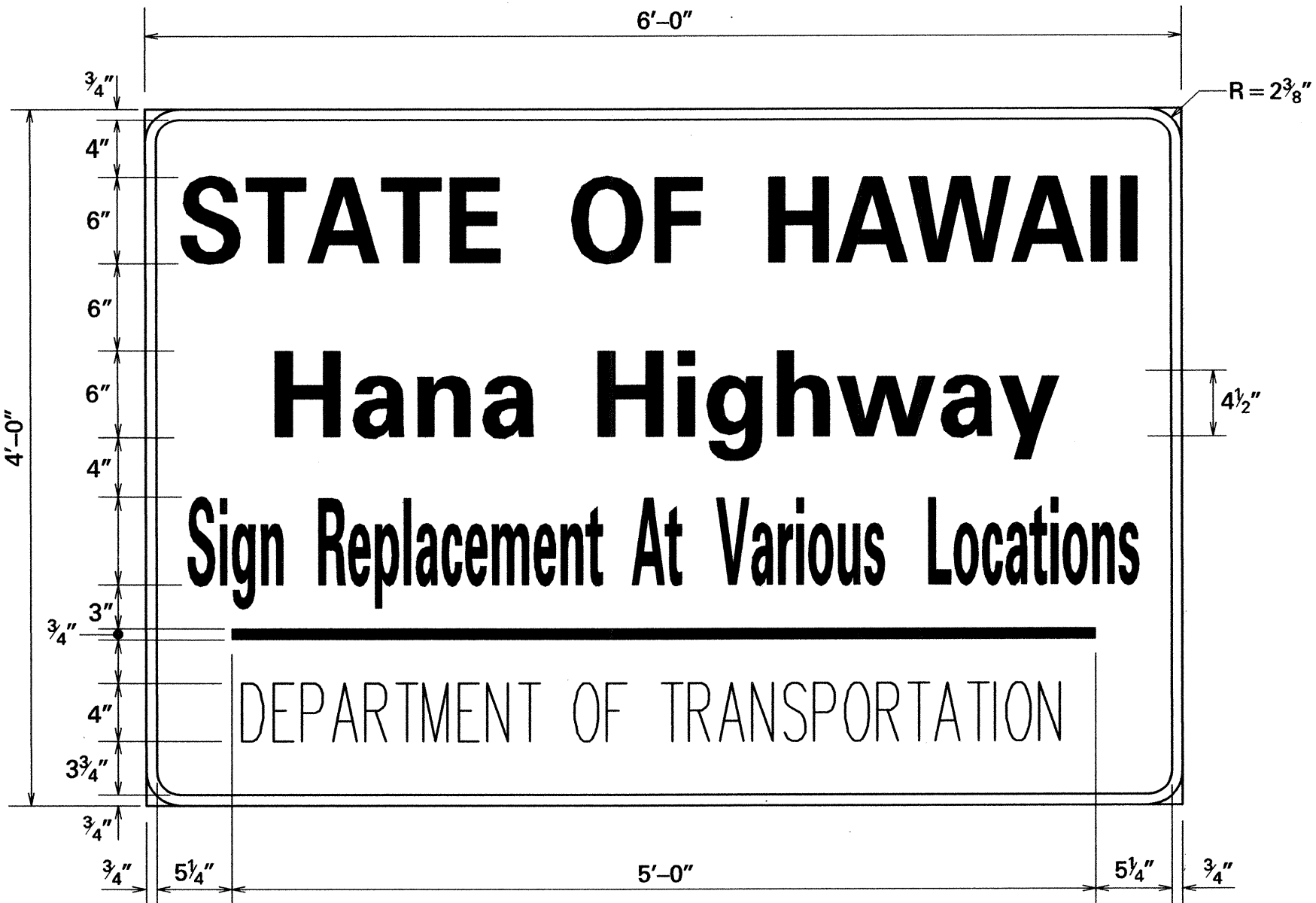
M3-1: NORTH

M3-2: EAST

M3-3: SOUTH

M3-4: WEST
- 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 post as designated on these plans shall be incidental to the various signing items.
- The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed as indicated on the plans or as directed by the Engineer for the duration of the highway project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Traffic Control. The advance construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean, and deliver the signs and posts to the District Baseyard, or as directed by the Engineer, upon the completion of the project.

- All signs shall be properly labeled according to 630.03(E).
- 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 or shall not be disturbed during cold planing and/or pavement reconstruction. All damaged portions shall be replaced on accordance with the Standards and Specifications of the State and/or the affected utility company. The Contractor shall contact Hawaii One Call Center for existence and location of underground utilities.
- Removal of Existing Signs. Remove, clean, and store existing expressway and destination signs that will not be used in project. The Engineer will designate signs to be stored or dispose of, Section 630.03 (H).



PROJECT SIGN
Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND
SIGN REPLACEMENT AT VARIOUS LOCATIONS
Route 36 Hana Hwy, Hookipa Park to Kaupakalua Rd.
and Route 360 Hana Hwy, Kaupakalua Rd. to Huelo
Project No. HWY-M-01-14M
Date: December, 2013