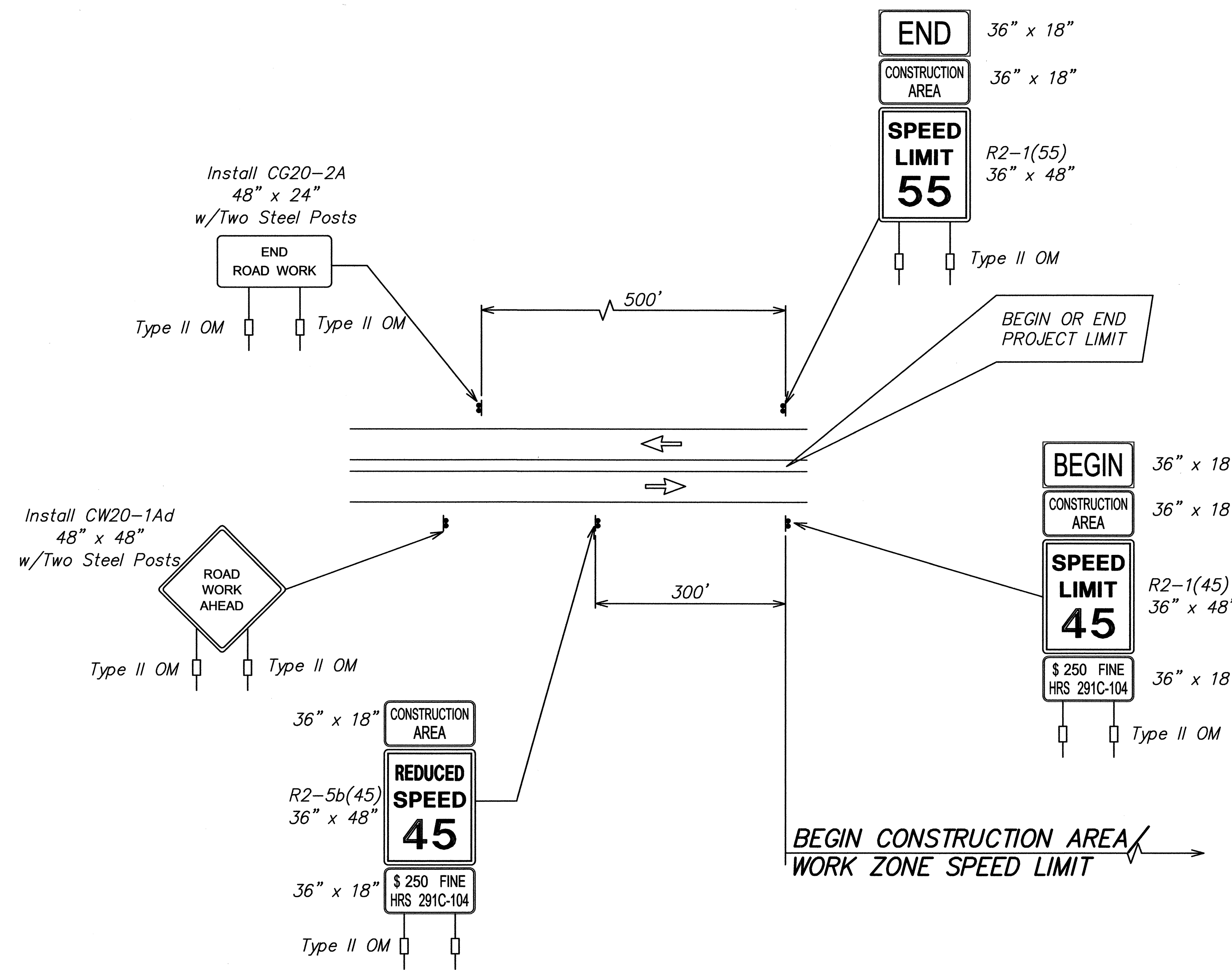


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190B-02-04M	2006	30	30



**TYPICAL DETAIL FOR CONSTRUCTION SIGNS ON TWO LANE OR MULTILANE UNDIVIDED HIGH SPEED HIGHWAY**

**Work Zone Note:**

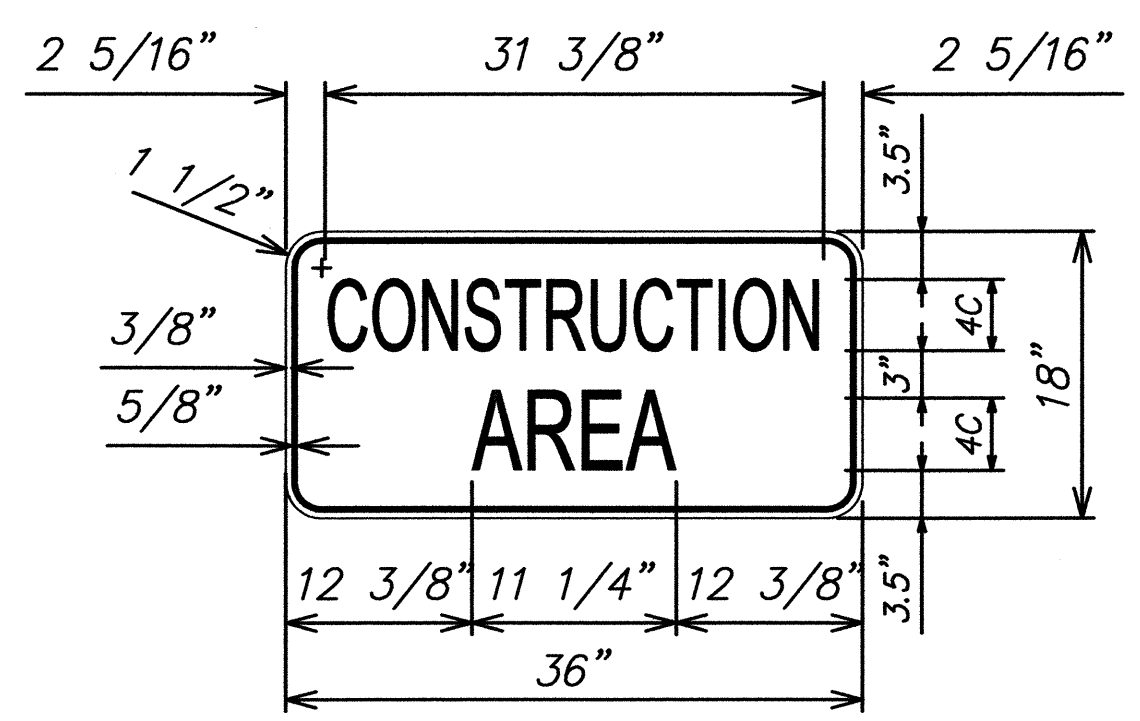
1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(XX) and R2-5b(XX) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs). All existing R2-4(40) signs within the work zone/project limits shall be covered or removed during construction.
3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
4. Each construction warning sign and work zone speed limit assembly shall have a minimum of two (2) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 621.7100, Construction Sign with Posts.
5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations.
6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
7. The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered incidental to Item No. 621.7100, Construction Sign with Posts.
8. The installation, maintenance and removal of work zone speed limit sign assemblies shall be paid for under Item No 621.7120 Construction Sign with Two Posts.
9. The work zone speed limits signs shall be new and become the property of the Contractor.

**Note:**

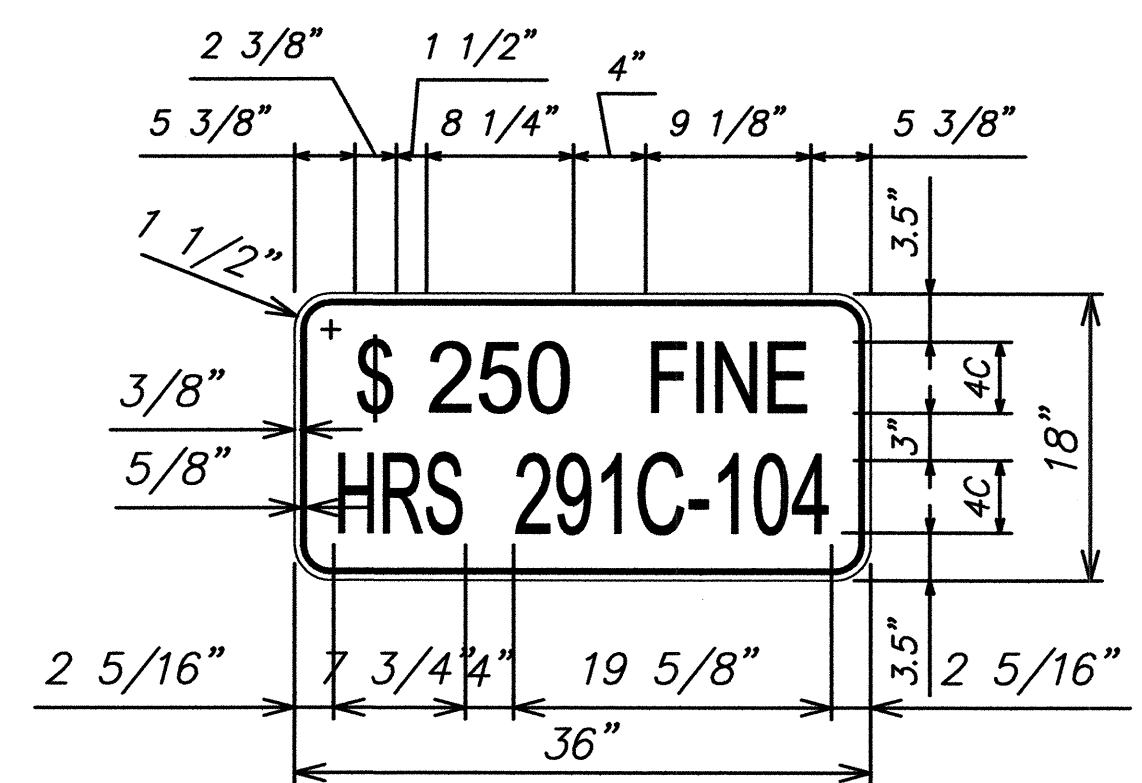
Contractor to provide two (2) sets of signs. One near the Puu Waawaa Ranch Access Road and one for the Scenic Lookout Area.

Sheet Title: WORK ZONE SIGNING PLAN NOTES AND DETAILS  
 Last Save by: RCQ  
 Last Saved: 5/4/2006  
 Plotted on: 5/4/2006  
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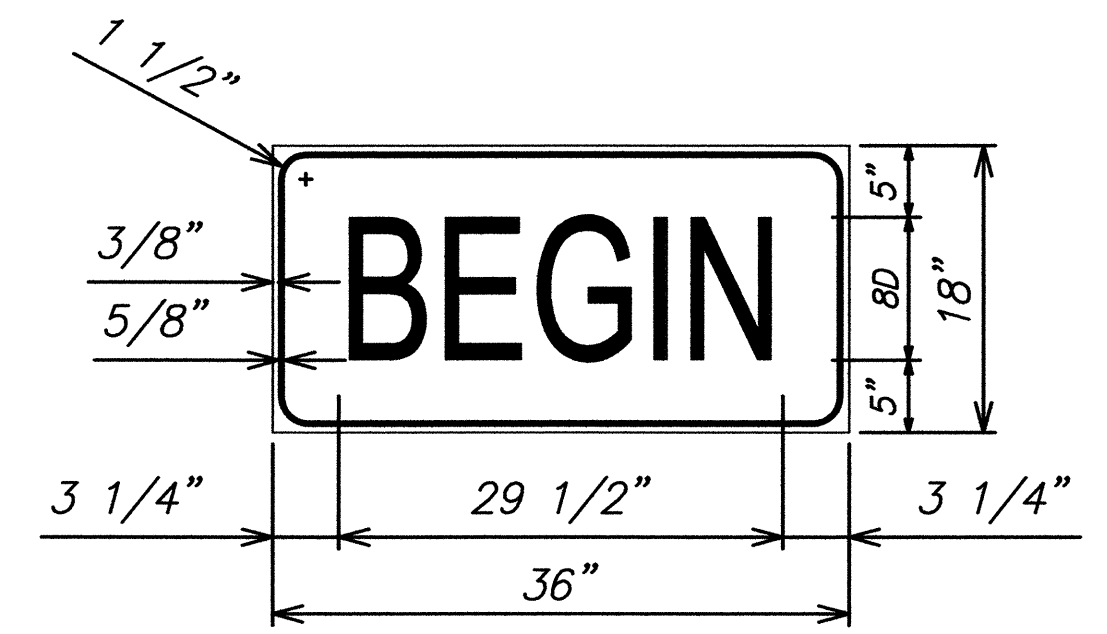
DATE	REVISION



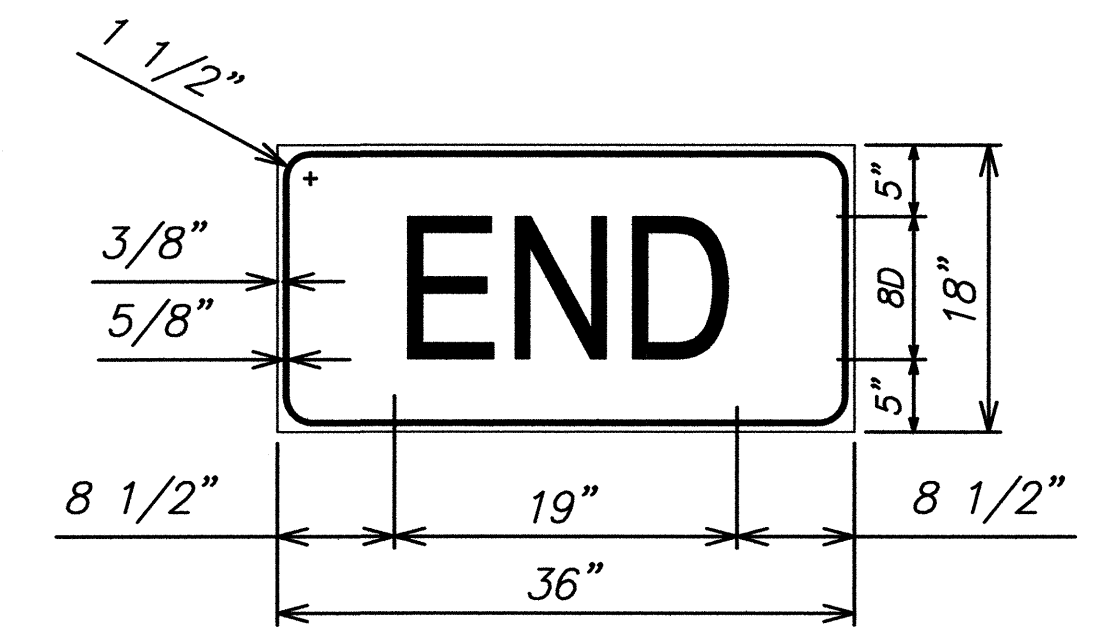
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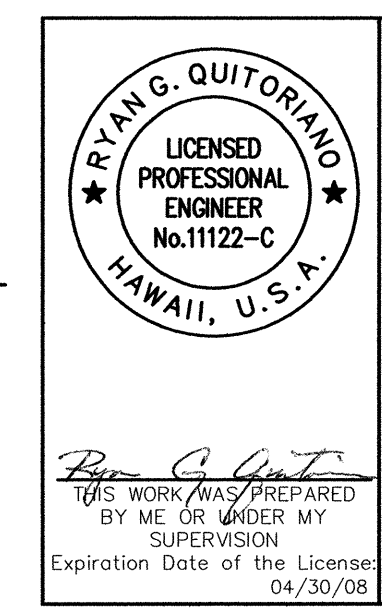
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Legend: Black Background: Orange



Legend: Black Background: Orange



STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**WORK ZONE SIGNING PLAN**  
**NOTES AND DETAILS**  
 MAMALAHOA HIGHWAY PAVEMENT  
 PREVENTIVE MAINTENANCE  
 Puu Waawaa Ranch to Kaupulehu  
 Project No. 190B-02-04M  
 Scale: As Shown Date: April 2006  
 SHEET NO. 1 OF 1 SHEETS