

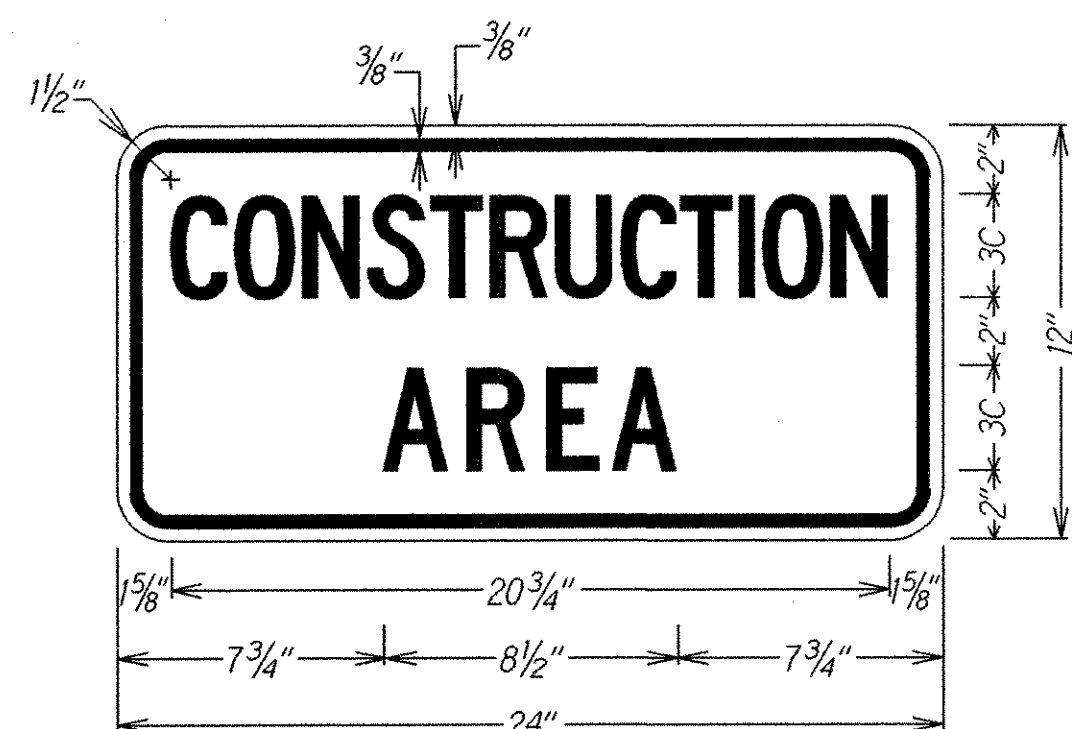
**TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED LOW SPEED HIGHWAY
(PIILANI HIGHWAY AND KULA HIGHWAY)**

Work Zone Note:

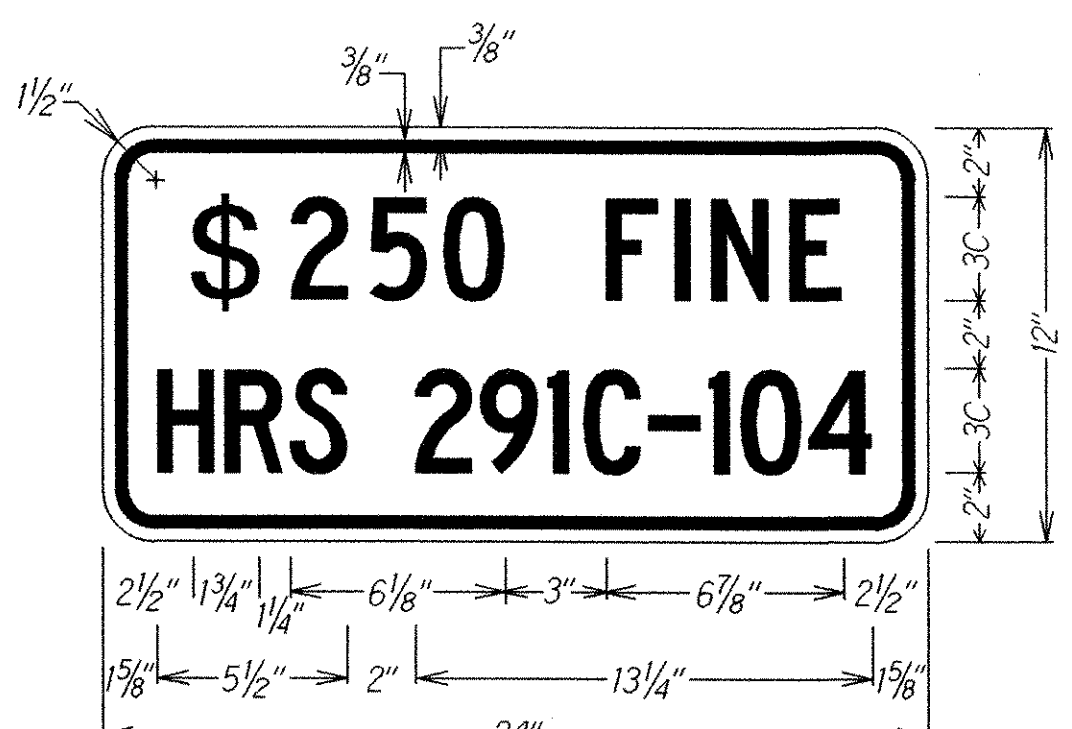
1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(25) and R2-5b(25) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
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 shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.0100 - Traffic Control.
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. 645.0100 - Traffic Control.

EXISTING POSTED SPEED LIMIT (MPH)	XX-NEW CONSTRUCTION AREA SPEED LIMIT (MPH)	D-REDUCED SPEED LIMIT SIGN SPACING TO FIRST CONSTRUCTION AREA SPEED LIMIT SIGN (FEET)
≤ 25	EXIST. SPEED LIMIT TO REMAIN	
30	25	100
35	25	175
40	30	175

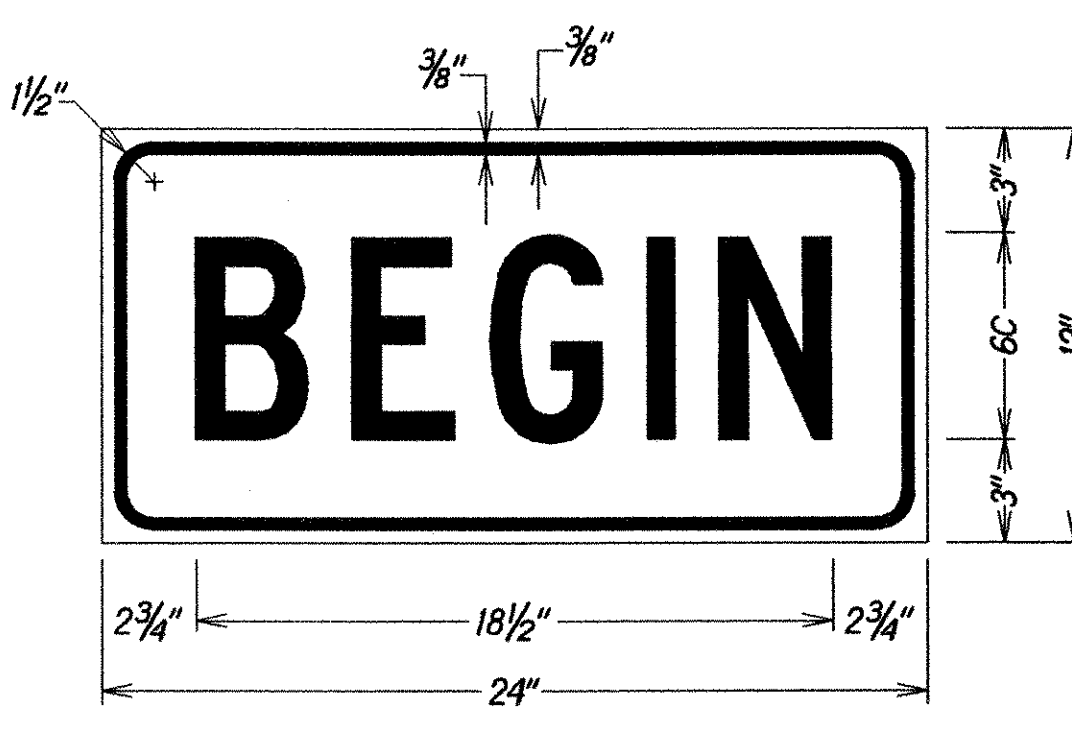
SURVEY PLOTTED BY _____ DATE _____
 DESIGNED BY _____
 NOTE BOOK _____
 QUANTITIES BY _____
 CHECKED BY _____
 No. _____



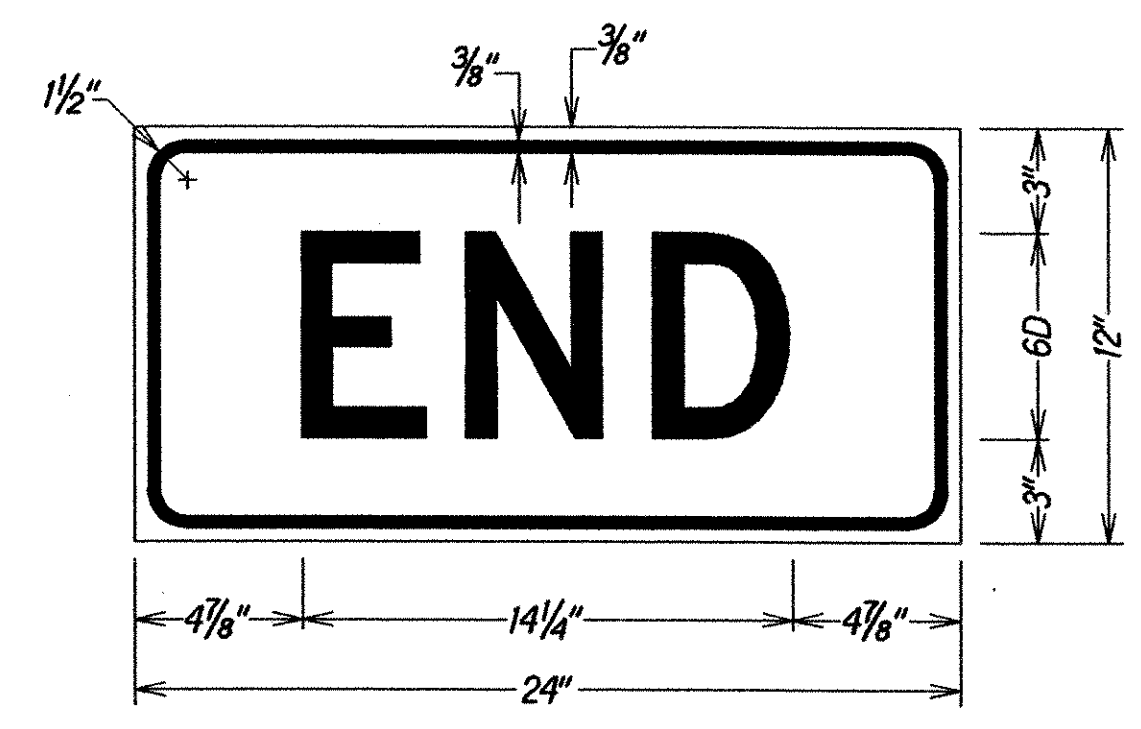
LEGEND: BLACK BACKGROUND: ORANGE



LEGEND: BLACK BACKGROUND: WHITE



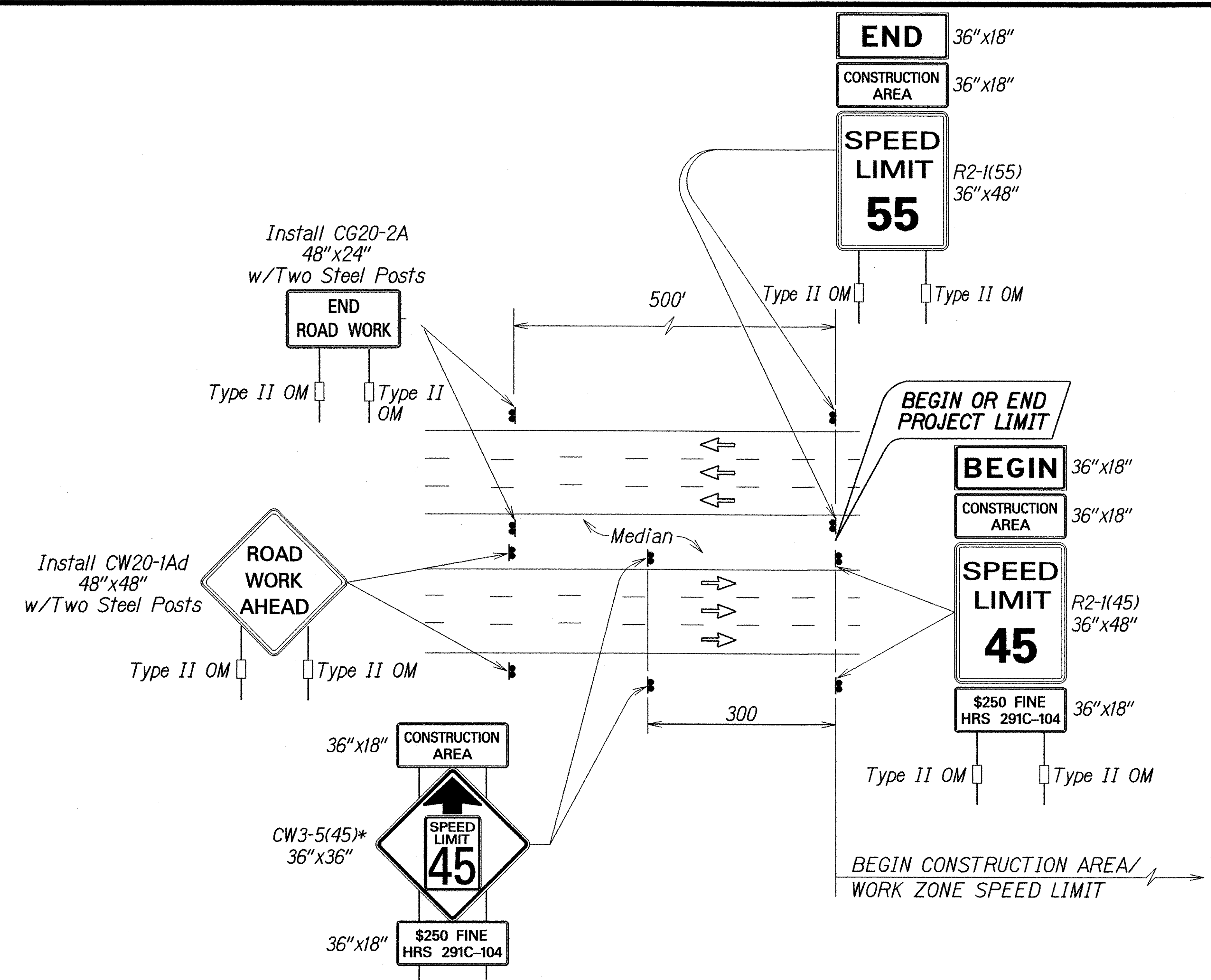
LEGEND: BLACK BACKGROUND: ORANGE



LEGEND: BLACK BACKGROUND: ORANGE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**LOW SPEED UNDIVIDED HIGHWAY
WORK ZONE SIGNING PLAN, NOTES & DETAILS**
HALEAKALA HIGHWAY RESURFACING
Hana Highway to North Pihikoa Road and Vicinity of Old Haleakala Highway, (MP: 5.5 to MP: 5.70)
PIILANI HIGHWAY RESURFACING - Kilohana Drive to Wailea Ike Drive
KULA HIGHWAY RESURFACING
Old Haleakala Highway to Vicinity of Haakakal Bridge
Project No. HWY-M-01-06M
Not To Scale Date: October, 2005

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-01-06M	2006	17	30

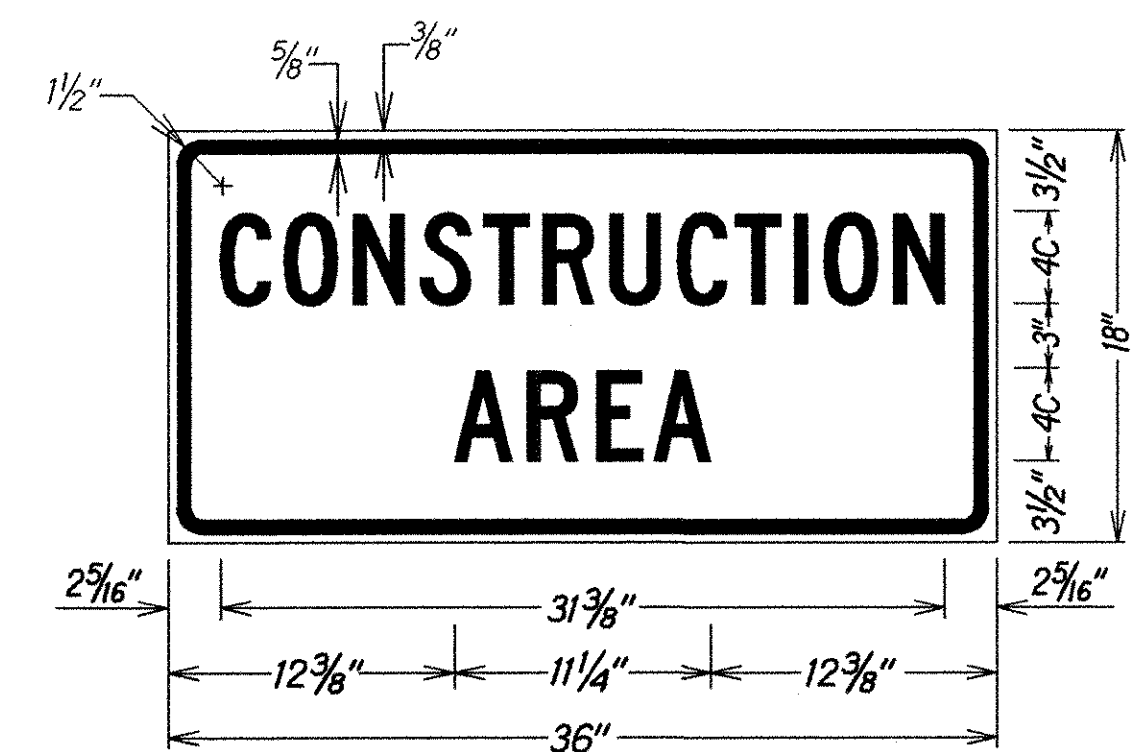


Work Zone Notes:

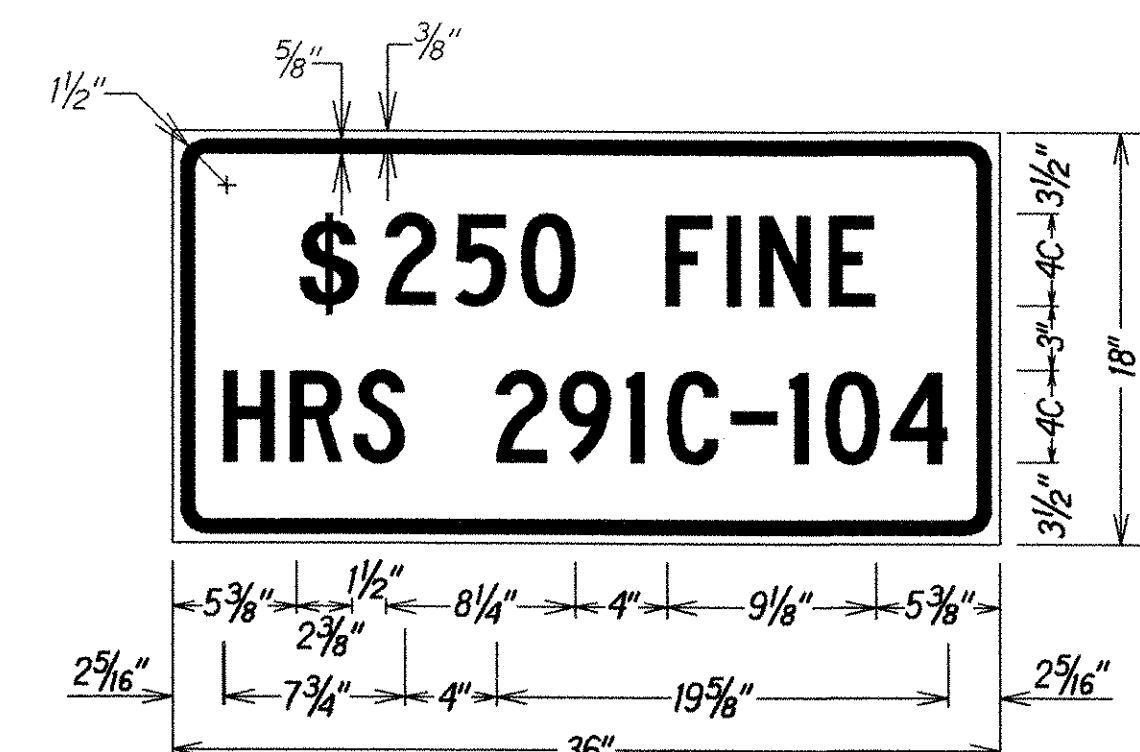
1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(45) and CW3-5(45) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
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. 645.0100, Traffic Control.
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, removal and delivery to DOT's base yard of work zone speed limit sign assemblies and construction signs shall be considered incidental to Item No. 645.0100, Traffic Control.

*Note:
 Legend: Black
 Background: Orange
 Speed Limit: Black on White

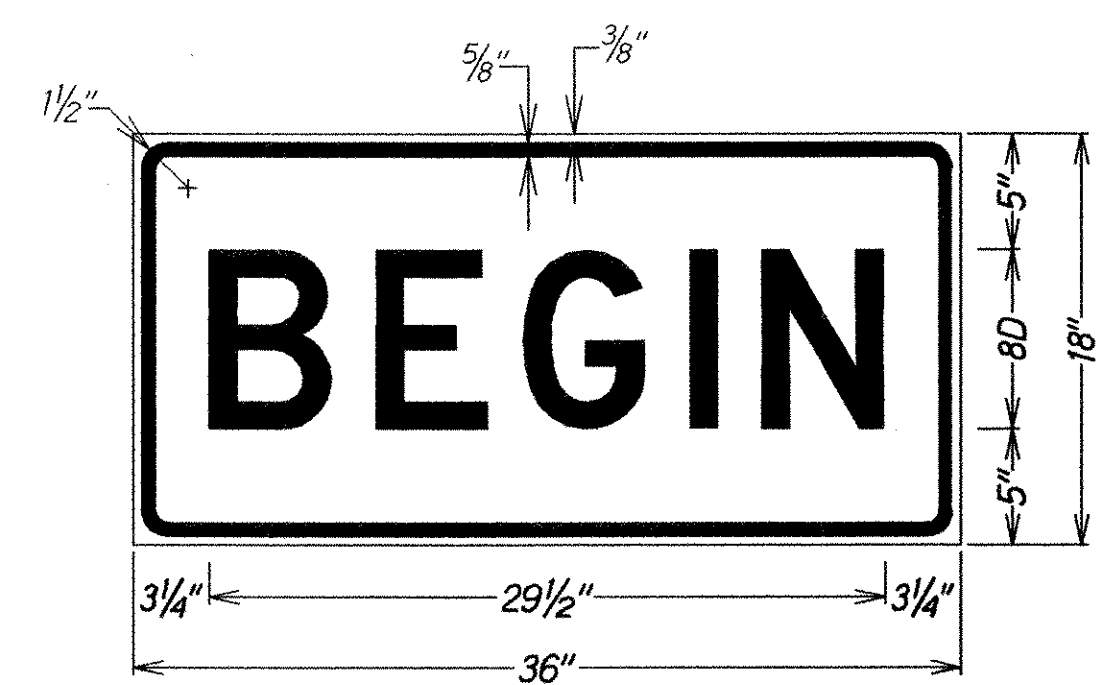
**TYPICAL DETAIL FOR CONSTRUCTION SIGNS
 ON MULTILANE DIVIDED HIGH SPEED HIGHWAY
 (HALEAKALA HIGHWAY)**



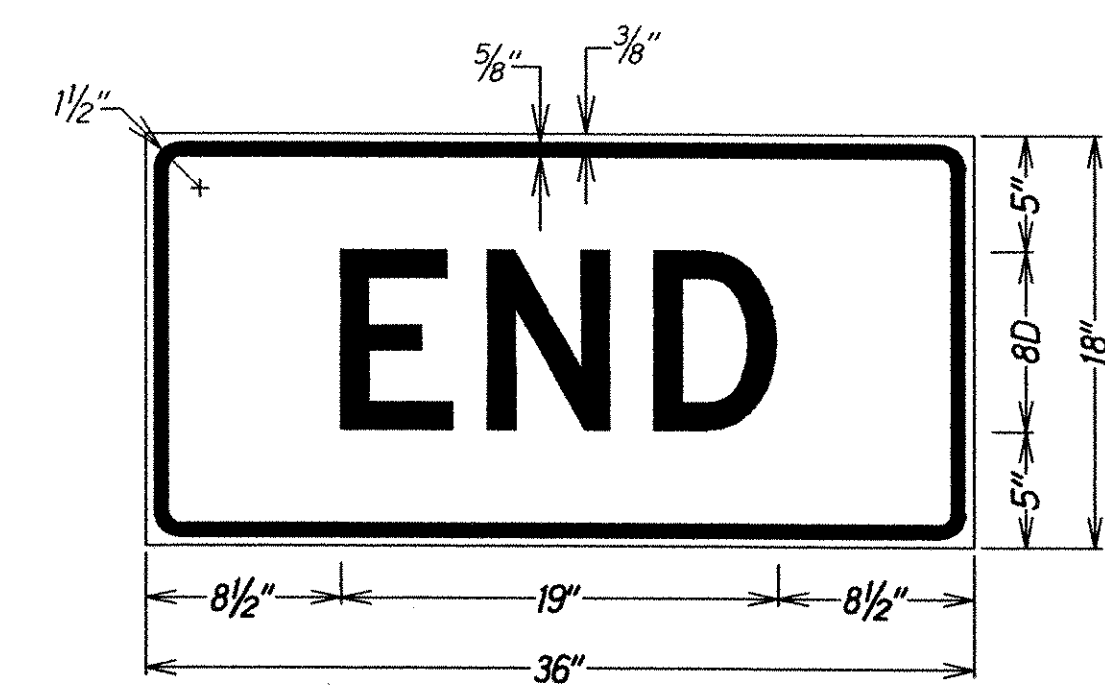
LEGEND: BLACK
 BACKGROUND: ORANGE



LEGEND: BLACK
 BACKGROUND: WHITE



LEGEND: BLACK
 BACKGROUND: ORANGE



LEGEND: BLACK
 BACKGROUND: ORANGE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
LOW SPEED UNDIVIDED HIGHWAY
WORK ZONE SIGNING PLAN, NOTES & DETAILS
 HALEAKALA HIGHWAY RESURFACING
 Hana Highway to North Firebreak Road and Vicinity of Old Haleakala Highway (MP. 5.5 to MP. 5.70)
 PITILANI HIGHWAY RESURFACING - Kilohana Drive to Wailea Ike Drive
 KULA HIGHWAY RESURFACING
 Old Haleakala Highway to Vicinity of Haakakai Bridge
 Project No. HWY-M-01-06M
 Not To Scale Date: October, 2005
 SHEET No. 2 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	2/22/05
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	