

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		2021	ADD.1	2

GENERAL NOTES

- ORIGINAL PLAN

NOTE BOOK

SURVEY PLOTTED BY

DRAWN BY

TRACED BY

QUANTITIES BY

CHECKED BY

DATE

1. The scope of work for this project includes reconstruction of weakened pavement area and replacing pavement marking and striping.

2. Unless otherwise specified all works shall conform to "Hawaii Standard Specifications for Road and Bridge Construction, 2005".

3. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.

4. Prior to beginning work on the project, the Contractor shall request toning of utilities from One Call Center, phone 811 or 1-866-423-7287.

5. All lanes shall be open to traffic during peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hours from 3:30 P.M. to 6:00 P.M., and during off work hours, only one lane of highway shall be close at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of rental fees as specified in Section 108.09 - Rental Fees for Unauthorized Lane Closure and Occupancy of the Hawaii Standard Specification for Road and Bridges, 2005.

6. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. If use of location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the State Highways Division at telephone no. 808-241-3023.

7. Pursuant to Chapter 6E, HRS, in the event any artifacts or human remains are uncovered during construction operations, the contractor shall immediately suspend work and notify the State Department of Land and Natural Resources - Historic Preservation Division (ph. 808-692-8015), and Kauai Police Department (ph. 241-1711).

8. All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANSI/ISEA 107-2004. "Workers" is defined as people on foot whose duties place them with the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g., EMT and firemen), and law enforcement personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.

9. Prior to beginning work operations, the Contractor shall arrange to perform a site walkthrough in conjunction with the State Highway's Engineer or Inspector. This work shall be considered incidental to the lump sum cost of this project.

10. The Schedule of work for this project is as follow.

a) Day 1 - Installation of work zone/temporary traffic control, installation of BMP's, removal of pavement marking and striping and reconstruction of weakened pavement area.

b) Day 2 - Cold planing, resurfacing and installation of 50 linear feet of 4" White Edge Stripes (Tape, Type II or Thermoplastic Extrusion) with Type C Raised Pavement Marker @ 20.0 on Center.

11. Should the Contractor choose work at night, the Contractor at his own cost shall secure a "Noise Variance Permit" and other related clearances to work at night.

12. The Contractor shall prepare and compact subgrade to unyielding condition or as directed by the Engineer.

13. The Contractor to follow manufacturer's installation recommendation of "Tensar Triax AX850 Geogrid" and "Glassgrid 851ITF".

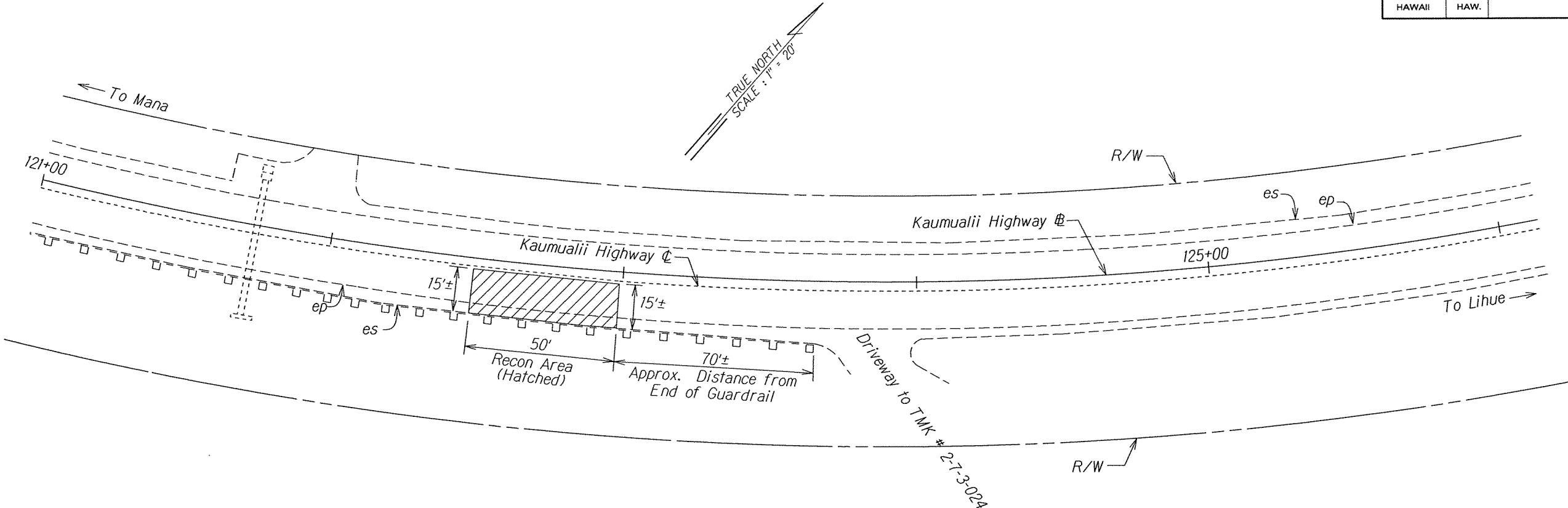
14. Follow the guidelines in the current HDOT Construction Best Management Practices Field Manual in developing, installing and maintaining the Best Management Practices (BMP) for the project. For any conflicting requirements between the Manual and applicable bid documents, the applicable bid documents will govern. Should a requirement not be clearly described within the applicable bid documents, the Contractor shall notify the Engineer immediately for interpretation.

15. Non-woven geotextile fabric shall conform to Subsection 716.02 - Geotextiles for Permeable Separator Applications of the Hawaii Standard Specification for Road and Bridges, 2005

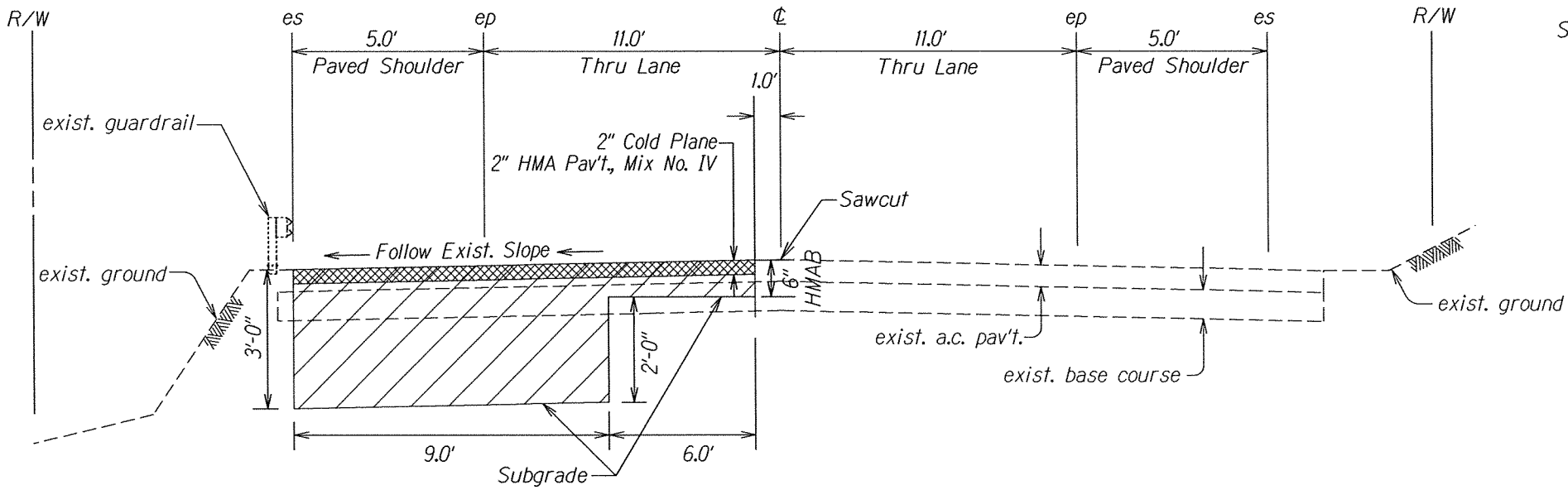
16. Non-woven geotextile fabric shall conform to Subsection 716.02 - Geotextiles for Permeable Separator Applications of the Hawaii Standard Specification for Road and Bridges, 2005

17. Advisory Signs are not required for this project.
- | | |
|--|-------------------------------------|
| 7/15/21 | △ - Add Note Nos. 17 |
| 7/15/21 | △ - Revise Note Nos. 5, 10, 11 & 12 |
| DATE | REVISION |
| STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION | |
| GENERAL NOTES | |
| KAUMUALII HIGHWAY PAVEMENT REPAIR | |
| Vicinity of Upa Road | |
| Date: July 2021 | |
| SHEET No. 1 OF 3 SHEETS | |
- ADD.1

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		2021	ADD.2	3

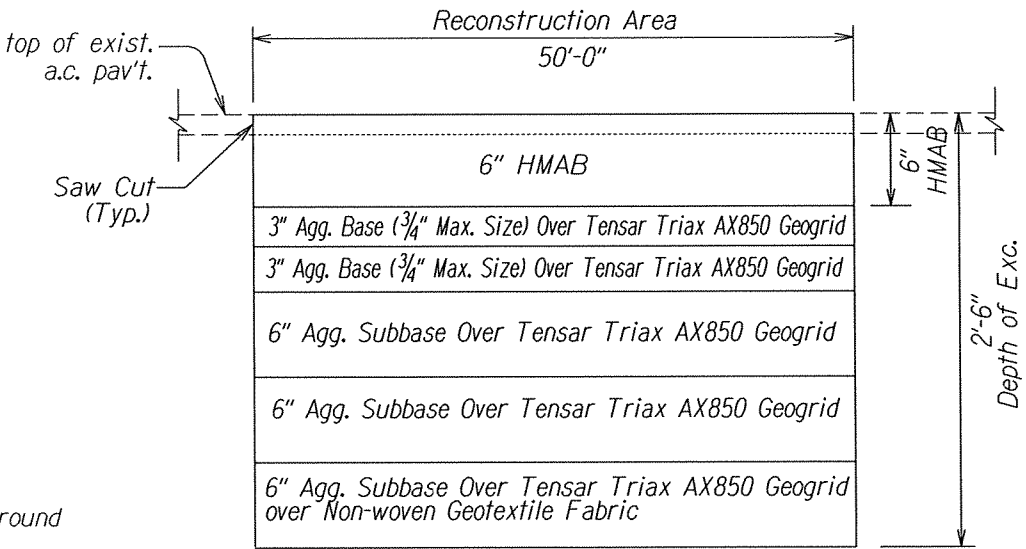


ROADWAY PLAN
Scale : 1" = 20'



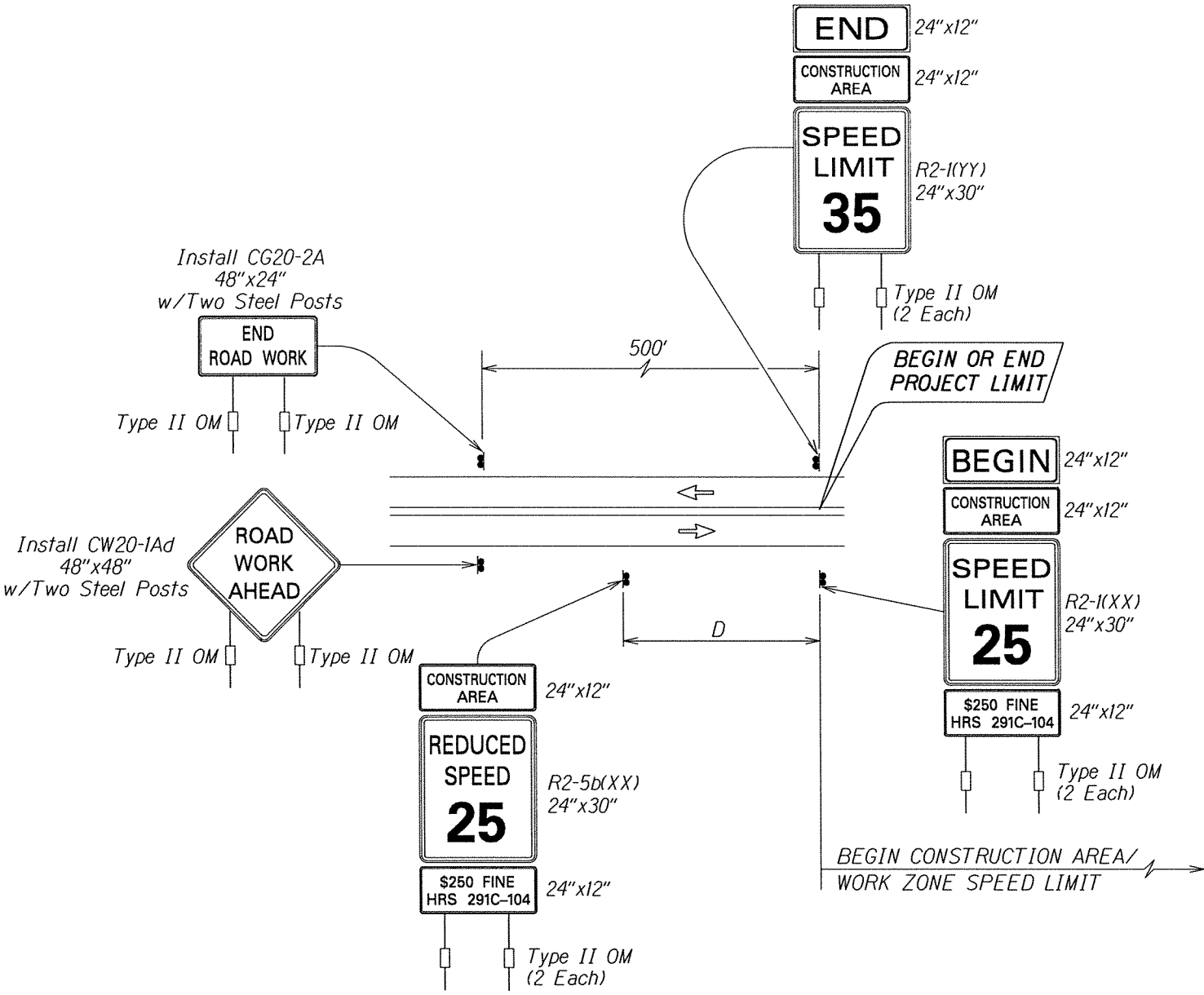
SECTION
Not to Scale

- LEGEND:
- Cold Plane/Resurface
 - Reconstruction Area



PROFILE
Not to Scale

7/15/21	△ — Revise Profile and Section
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
KAUMUALII HIGHWAY PAVEMENT REPAIR	
Vicinity of Upa Road	
Scale as Shown	Date: July 2021
SHEET No. 2 OF 3 SHEETS	

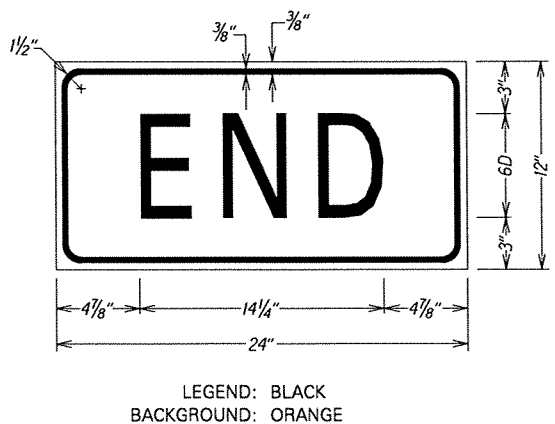
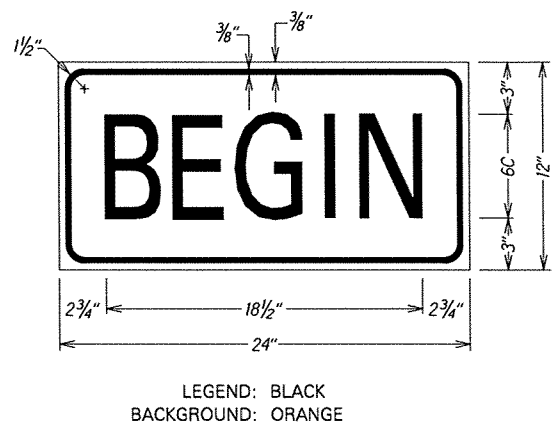
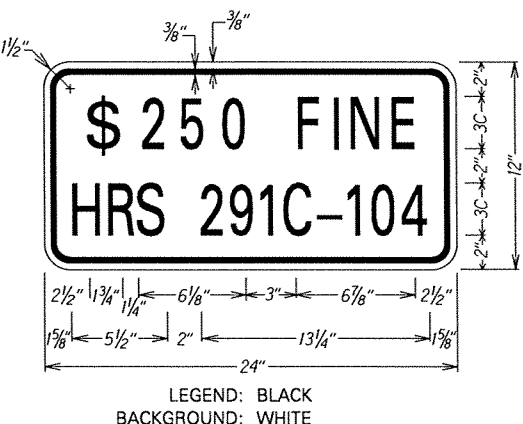
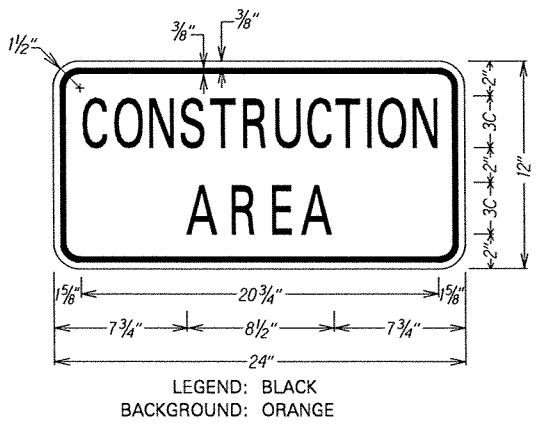


TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED LOW SPEED HIGHWAY

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 - Work Zone Traffic Control of the Hawaii Standard Specifications for Road and Bridge Construction, 2005.
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).
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 shall be considered incidental to Item No. 645.0100 - Traffic Control.
8. The installation, maintenance and removal of work zone speed limit sign assemblies shall be paid for under Item No. 645.0100 - Traffic Control.
9. The work zone speed limit signs shall be new and become the property of the Contractor.

TABLE I GUIDELINE FOR ADVANCE PLACEMENT OF SPEED REDUCTION SIGN R2-5b(XX)-A, CONSTRUCTION AREA SPEED LIMIT		
YY - 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



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**LOW SPEED UNDIVIDED HIGHWAY
WORK ZONE SIGNING PLAN, NOTES & DETAILS**
KAUMUALII HIGHWAY RESURFACING
Waimea Canyon Drive to Waimea River Bridge
Project No. 50D-01-15M
Scale: Not to Scale Date: July 2021
SHEET No. 3 OF 3 SHEETS