

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

1.

Make adjustments at intersections, driveways, bridges, sidewalks, curb ramps, etc., to fit field conditions.
2.

Cones or delineators shall be extended to a point where they are visible to approaching traffic.
3.

Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.
4.

Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of the work.
5.

Flaggers and/or police officers shall be present at all times, in sight of each other, and in direct communication at all time.
6.

When required by the issuing office, the permittee shall install a flashing arrow signal as shown on the traffic control plans.
7.

Sign spacing (L), taper lengths (T) and spacings of cones or delineators shall be as shown in table 1, unless otherwise noted on the traffic control plans.
8.

All traffic lanes shall be a minimum of 10 feet wide.
9.

All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
10.

The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
11.

At the end of each day's work, or as soon as the work is completed, remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation phase of work.
12.

Replace permanent pavement markings and traffic signs upon completion of each phase of work.
13.

Three (3) weeks minimum prior to start of work operation, submit for the engineer's review and acceptance detailed site specific traffic control plans for each intersection covering all phases of work such as painting of mast arms, and replacing controller. Traffic control devices, signs and flagger positions shall be shown. Construction work shall not proceed until the traffic control plans have been accepted by the engineer.
14.

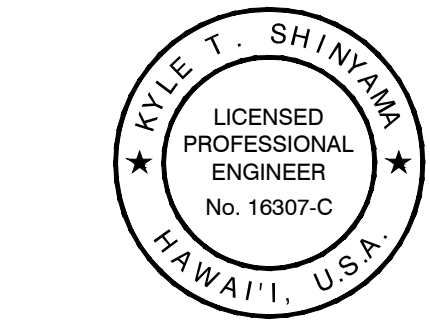
The contractor shall be responsible for obtaining permission from the county of Kauai and/ or, obtaining a road permit for all work within the county R/W. The contractor shall inform private property owner of the purpose and need of the project, and the specific work to take place onsite prior to work start, as applicable. This coordination work and obtaining permission and permit fee shall be considered incidental to the various contract items.
15.

All traffic control devices shall be in good quality or acceptable condition at all times based on standards in ATSSA's "Quality Standards for Traffic Control Devices." Devices in marginal condition shall be replaced by the next working day. Devices in unacceptable condition shall be repalced immediately but no later than the end of the shift.
16.

All longitudinal channelizing devices and traffic drums shall have a steady burn or blinking light on each individual unit. The situation and placement of the longitudinal channelizing devices and traffic drums shall determine the type of light that is to be placed on the unit.

TABLE 1 FOR TRAFFIC CONTROL PLAN

POSTED SPEED LIMIT ① (M.P.H.)	SIGN SPACING (L) (FEET)	TAPER LENGTH (T) (FEET)		SPACING OF CONES OR DELINEATORS (FEET)③		
		W =12' OR LESS ②	W = GREATER THAN 12' ②	TAPER	TANGENT	WORK AREA-
20	250	200	W x 17	20	20	10
25	250	200	W x 17	25	25	10
30	250	250	W x 20	30	30	10
35	250	250	W x 20	35	35	10
40	500	350	W x 30	40	40	10
45	500	550	W x 45	45	45	10
50	1000	600	W x 50	50	50	10
55	1000	700	W x 55	55	55	10



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Kyle Shinyama
APRIL 30, 2022
LIC. EXP. DATE

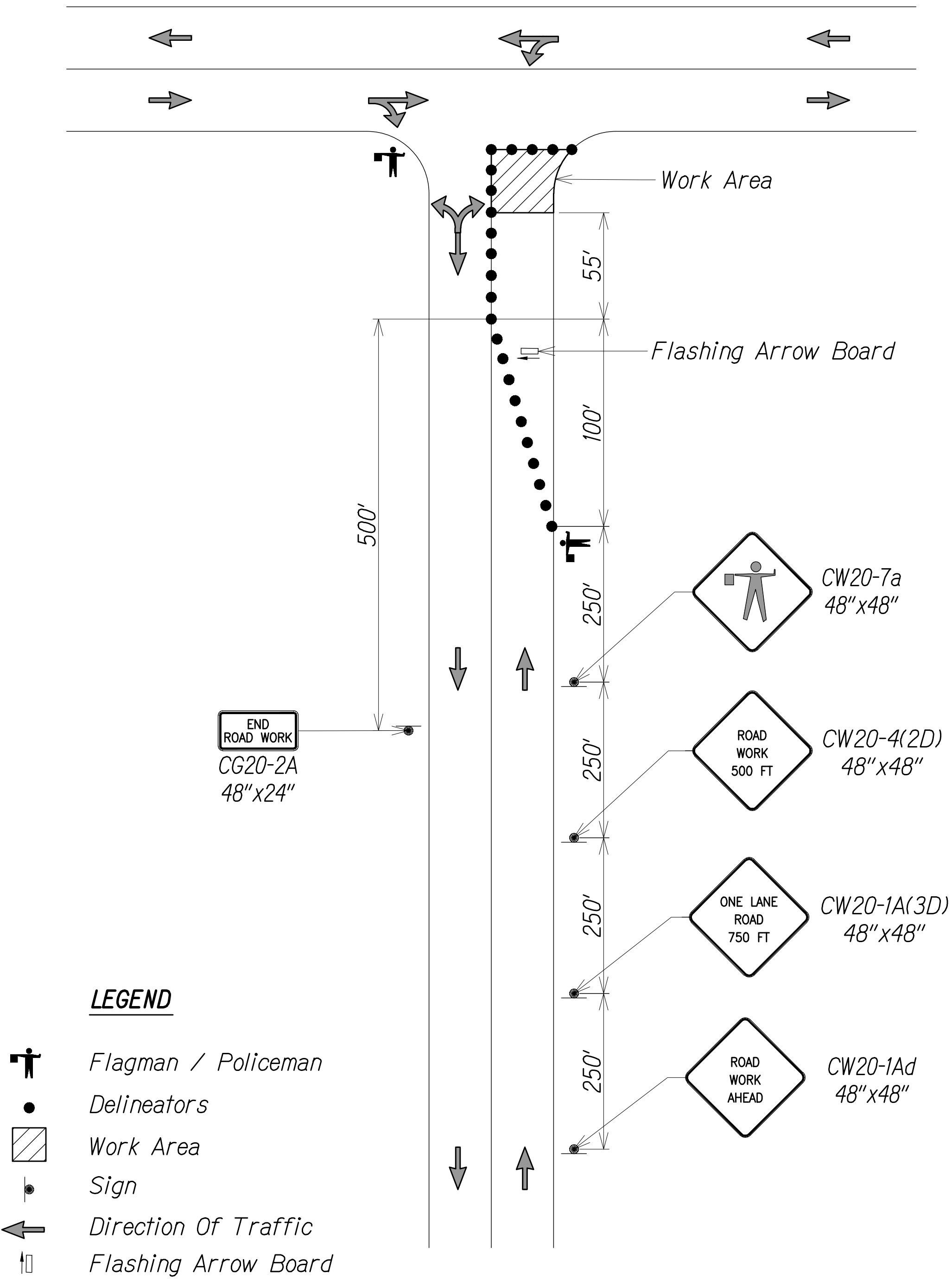
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TYPICAL TRAFFIC
CONTROL PLAN**

*Kaunualii Highway Intersection
Improvements at Waimea Canyon Drive
Project No. 50B-01-14R*

Scale: As Shown Date: Feb 2021

SHEET No. *TC-1* OF *3* SHEETS



TRAFFIC CONTROL PLAN
TYPICAL AT INTERSECTION
Not To Scale

- Notes:
- ①

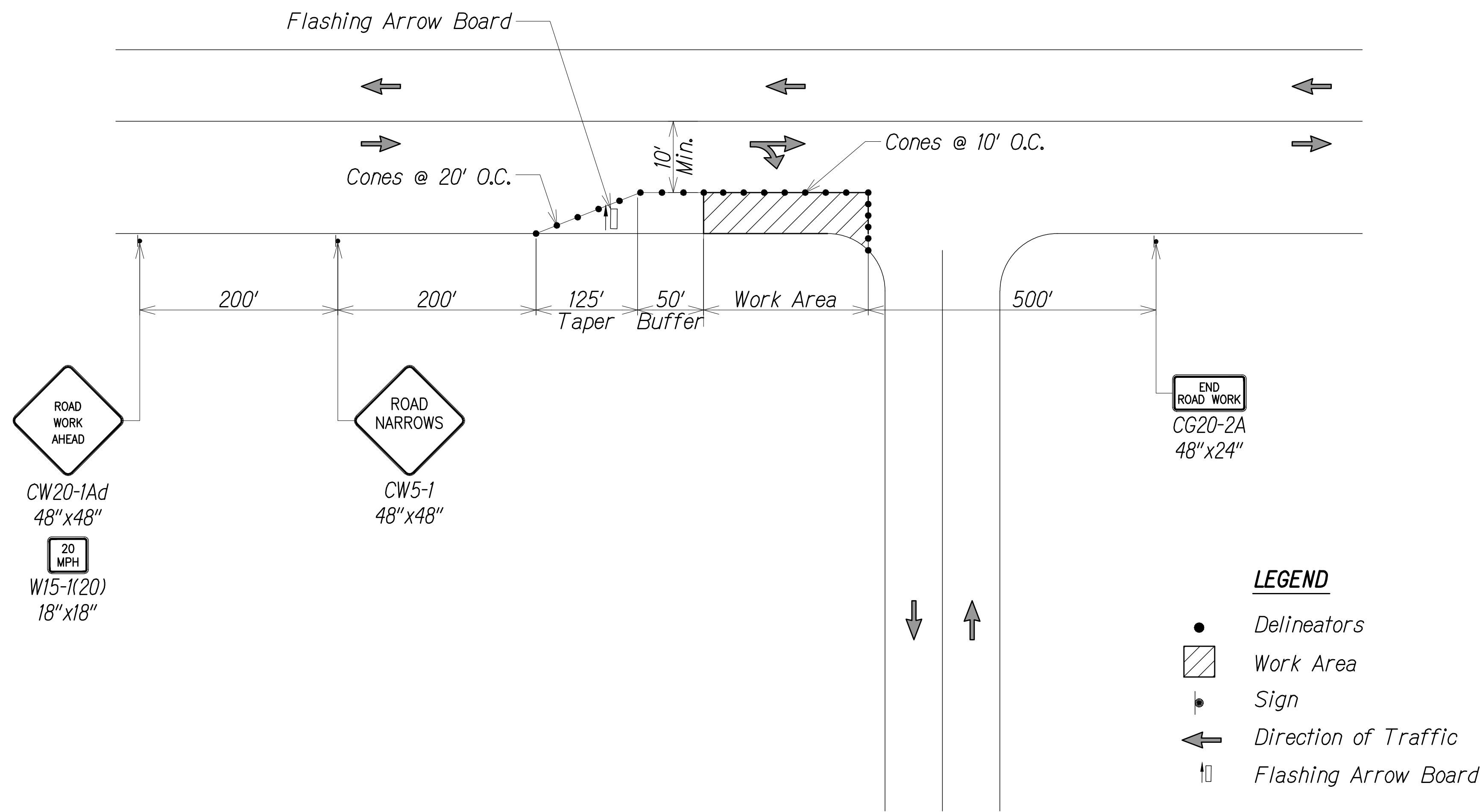
Use advisory speeds when posted
- ②

W = width of lane or offset
- ③

Not applicable for "two-lane highways"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	TRACED BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	50B-01-14R	2021	31	44



**TYPICAL TRAFFIC CONTROL PLAN
AT SHOULDER**
Not To Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	CHECKED BY	

KYLE T. SHINYAMA

LICENSED PROFESSIONAL ENGINEER

No. 16307-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Kyle Shinyama

APRIL 30, 2022
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

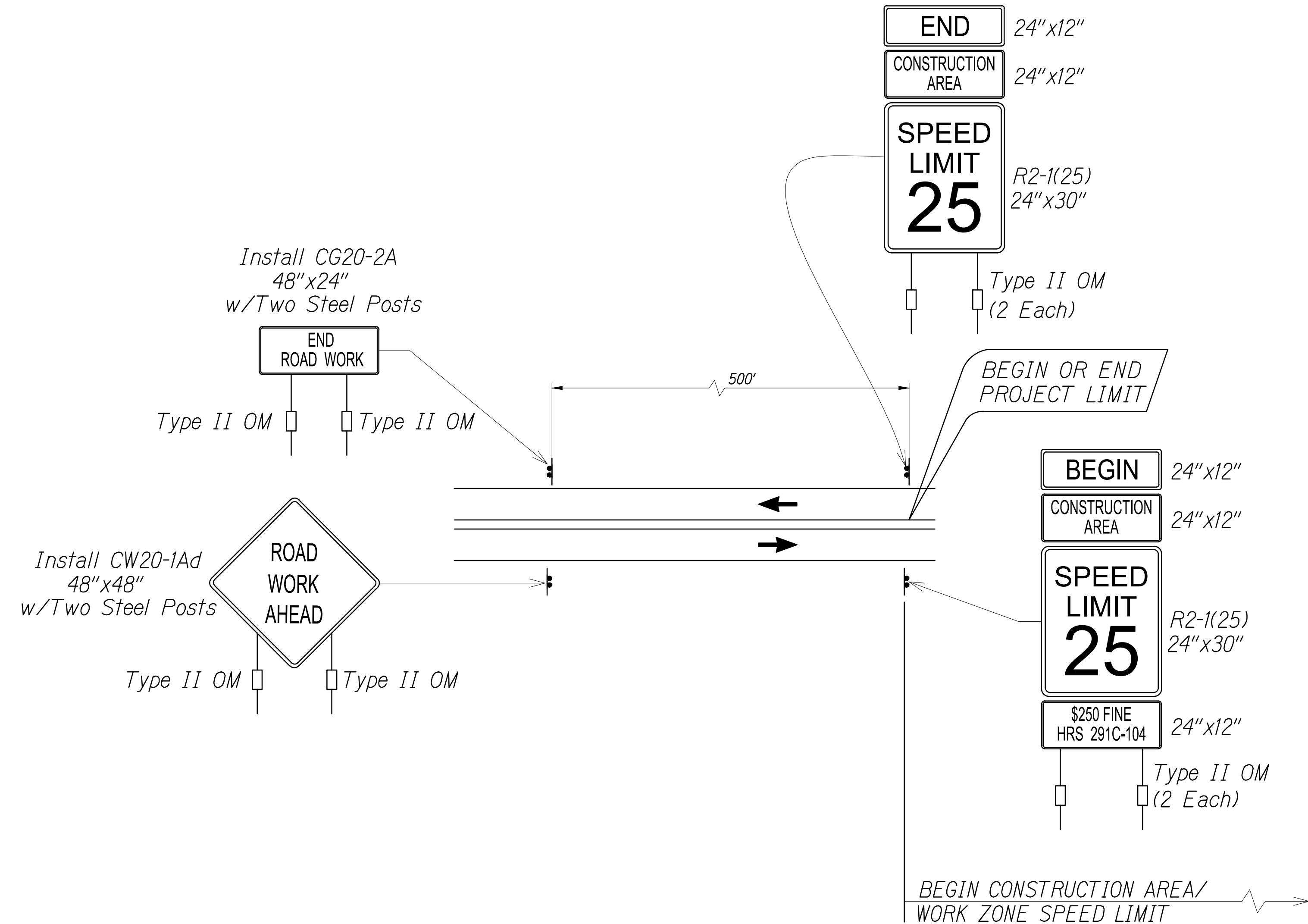
**TYPICAL TRAFFIC
CONTROL PLAN AT SHOULDER**

*Kaunualii Highway Intersection
Improvements at Waimea Canyon Drive
Project No. 50B-01-14R*

Scale: As Shown Date: Feb 2021

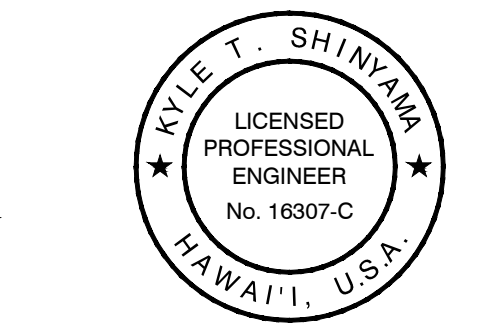
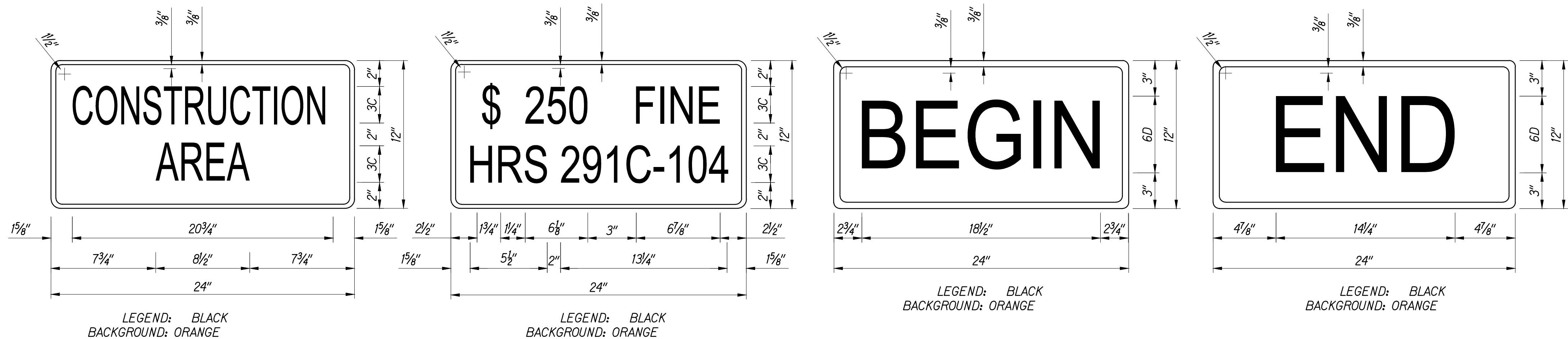
SHEET No. TC-2 OF 3 SHEETS

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	50B-01-14R	2021	ADD.32	44



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

TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED HIGHWAY (SPEED 25MPH)



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Kyle Shinyama
APRIL 30, 2022
LIC. EXP. DATE

Work Zone Notes:

1. This Work Zone Sign Plan is Intended for use on Long-term work zones/ construction phases (3 day or more). All work zones or construction phases less than 3 day duration will be shown on plan or 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 limit 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. 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. Work Zone Sign Plan sign groups shall be installed on the Kaumualii Highway Westbound, Kaumualii Highway Eastbound, and Waimea Canyon Drive approaches toward the work zone.

5/18/21	△ Added Note 8
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LOW SPEED UNDIVIDED HIGHWAY WORK ZONE SIGNING PLAN, NOTES & DETAILS <i>Kaumualii Highway Intersection</i> <i>Improvements at Waimea Canyon Drive</i> <i>Project No. 50B-01-14R</i>	
Scale: As Shown	Date: Feb 2021
SHEET No. TC-3 OF 3 SHEETS	