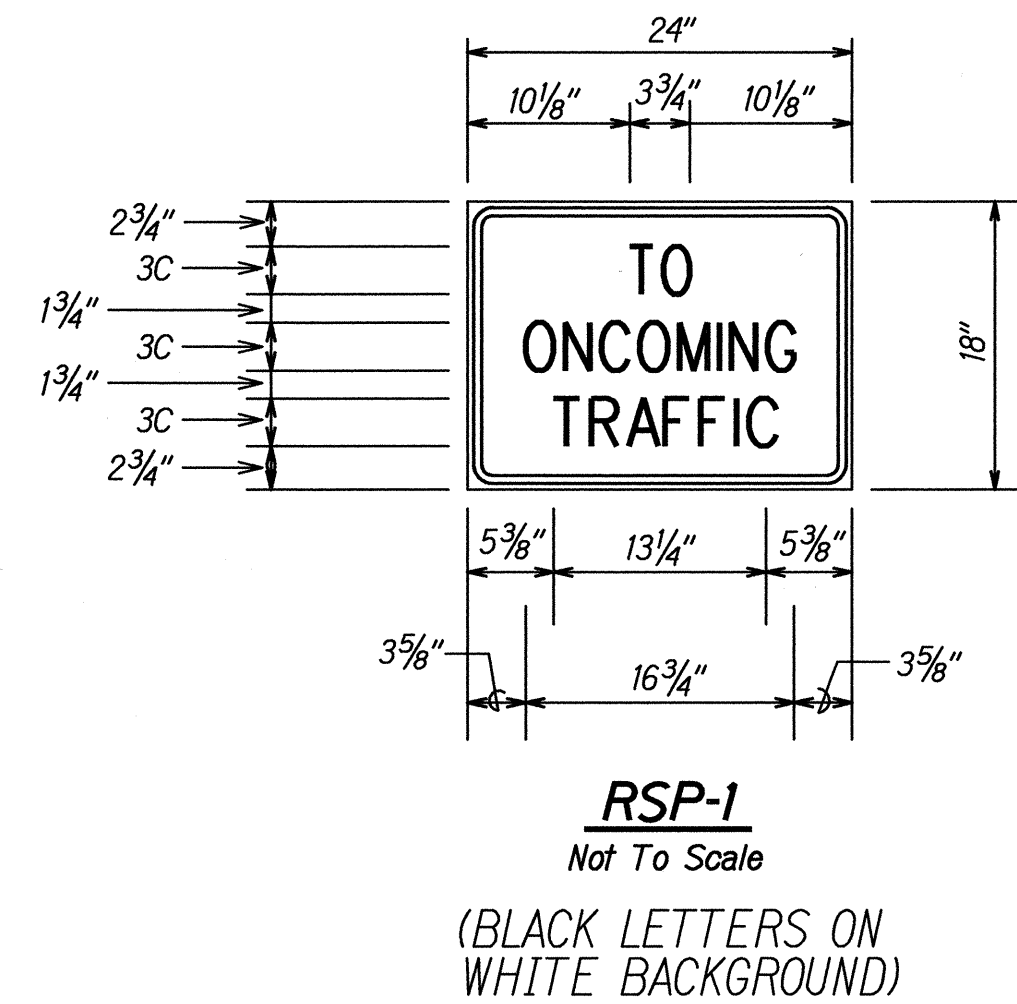


NOTES FOR ROADWAY SIGNS AND PAVEMENT MARKINGS:

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Final locations of all signs and reflectors 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 posts that are not to be incorporated in the final roadway signing, whether shown or not on these plans, shall be incidental to the various signing items.
- All pavement marking restoration shall be as noted on the plans.
- All pavement stripings shall be Thermoplastic Extrusion.




CONSTRUCTION SIGN SUMMARY			
SIGN NO.	MESSAGE	W/POSTS	W/O POST
CG20-2	END CONSTRUCTION	8	
CW20-1d	ROAD CONSTRUCTION AHEAD	8	
TOTAL		16	

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

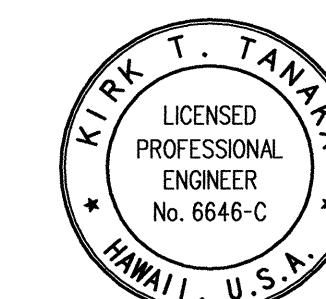
- The permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
- Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area. 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.
- Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
- When required by the issuing office, the permittee shall install a flashing arrow signal as shown on the Traffic Control Plans.
- Signs spacing (L), taper lengths (T) and spacings of cones or delineators shall be as shown in Table 645-1 and Figure 1 to 7 of Section 645 of the Specifications, unless otherwise noted on the Traffic Control Plans.
- All traffic lanes shall be a minimum of 10 feet wide.
- All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
- 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).
- At the end of each day's work or as soon as the work is completed, the permittee shall 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. Replace permanent pavement markings and traffic signs upon completion of work.
- The Contractor shall erect and maintain at the beginning and 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. 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 Hana District Baseyard or as directed by the Engineer upon the completion of the project.

REFLECTOR MARKER SUMMARY		
TYPE	W/STEEL POST	
	YELLOW	WHITE
RM-2	4	
TYPE II OBJECT	4	
TOTAL		8

TRAFFIC SIGN SUMMARY			
SIGN NO.	MESSAGE	10 SQ. FT. OR LESS	
		W/POST	W/O POST
R1-2	YIELD	1	
RSP-1	TO ONCOMING TRAFFIC		1
W3-2a	YIELD AHEAD 	1	
TOTAL		2	1

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY			
STATION TO STATION (APPROXIMATE)	PAVEMENT STRIPING 8" WHITE (L.F.)	PAVEMENT MARKERS TYPE "C" (EA.)	COMMENTS
877+57 - 877+40 Rt.	100	4	EDGE STRIPE
877+57 - 877+97 Lt.	40	2	EDGE STRIPE
1351+00 - 1351+40 Rt.	40	2	EDGE STRIPE
1352+20 - 1354+50 Lt.	230	7	EDGE STRIPE
0+40 - 2+30 Rt. (KEAWA PLACE)	200	6	EDGE STRIPE
TOTAL		610	21

ORIGINAL PLAN	DATE
SURVEY PLANNED BY	
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
DATE	



THIS WORK WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
K. T. Tanaka 02/13/01
 R. T. TANAKA ENGINEERS, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING & SIGNS, DETAILS,
NOTES & MISCELLANEOUS SUMMARIES**

HANA HIGHWAY
EMERGENCY FEDERAL-AID PROJECT
ROADWAY REPAIRS
AT VARIOUS LOCATIONS
FED. AID PROJ. NO. ER-12(5)

SCALE: AS NOTED DATE: FEBRUARY 2001
SHEET No. 1 OF 1 SHEET