## <u>LEGEND</u> State Highway **←** Flagman / Policeman -\_\_\_\_ Delineators WORK Work Area Sign Direction of Traffic CW20-7a 48"x48" Roa ONE LANE **END ROAD ROAD WORK** 2D FT CG20 - 2A CW20-4(2D) 48"x48" 48"x24" ROAD CW20-1A(3D) 48"x48" 3D FT ROAD WORK **AHEAD** CW20-1Ad

## TRAFFIC CONTROL PLAN TYPICAL AT INTERSECTION Not to Scale

48"x48"

## TABLE 1 FOR TRAFFIC CONTROL PLAN

POSTED SPEED	SIGN SPACING	TAPER LENGTH (T) (FEET)		SPACING OF CONES OR DELINEATORS (FEET) ③		
LIMIT (1) (M.P.H.)	(L) (FEET)	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	<i>30</i>	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	<i>50</i>	50	10
55	1000	700	W X 55	55	55	10

W = width of shoulder, lane, or offset

## 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 word 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 confict with the traffic control plans shall be removed or covered. All signs shall be restored upon the 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 times.
- 6. When required by the issuing office, the permittee shall install a flashing arrow signal as shown on the traffic control plans.
- 7. Sign spacings (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 the 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
- 13. Police officer/flaggers shall be present at all times.
- 14. Three (3) weeks minimum prior to start of work operations, 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.
- 15. 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 owners 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.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

TYPICAL TRAFFIC CONTROL PLAN AT INTERSECTION

Traffic Signal Rehabilitation at Various Locations, Kauai Project No. HWY-K-01-15M

Scale: Not to Scale

Date: Feb. 2016

FISCAL SHEET TOTAL YEAR NO. SHEETS

FED. ROAD

DIST. NO.

HAWAII

STATE

PROJ. NO.

HAW. HWY-K-01-15M 2016 20

SHEETS OF SHEET No. 1

20