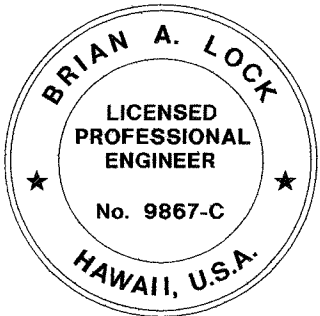


GENERAL NOTES FOR TRAFFIC CONTROL PLAN

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	550AB-01-06	2009	33	34

- The contractor 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.
- Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
- The contractor shall install a flashing arrow signal as shown 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. Commercially-made covers shall be used.
- 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).
- Lane closure shall be limited only to the extent of accomplishing each day's work. As soon as each day's work is completed, the contractor 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. Existing faded or obliterated pavement markings that are necessary for safe traffic flow in the construction area shall be replaced with temporary or permanent markings before opening the roadway to public traffic each day.
- Permanent pavement markings and traffic signs shall be replaced upon completion of each phase of work.
- Cones and delineators shall be spaced as required by contract documents.
- Driveways shall be kept open unless owners of the property using the right-of-way are otherwise provided for satisfactorily. Further, the contractor shall control traffic going in and out of driveways.
- Buffer and taper areas on approach to any work area shall be kept clear of vehicles and equipment.
- A high level warning device (flag tree) shall be installed on approach to all work areas.
- "No Parking" signs shall be posted within any work area and for the buffer and taper areas approaching the work area.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	
	CHECKED BY	

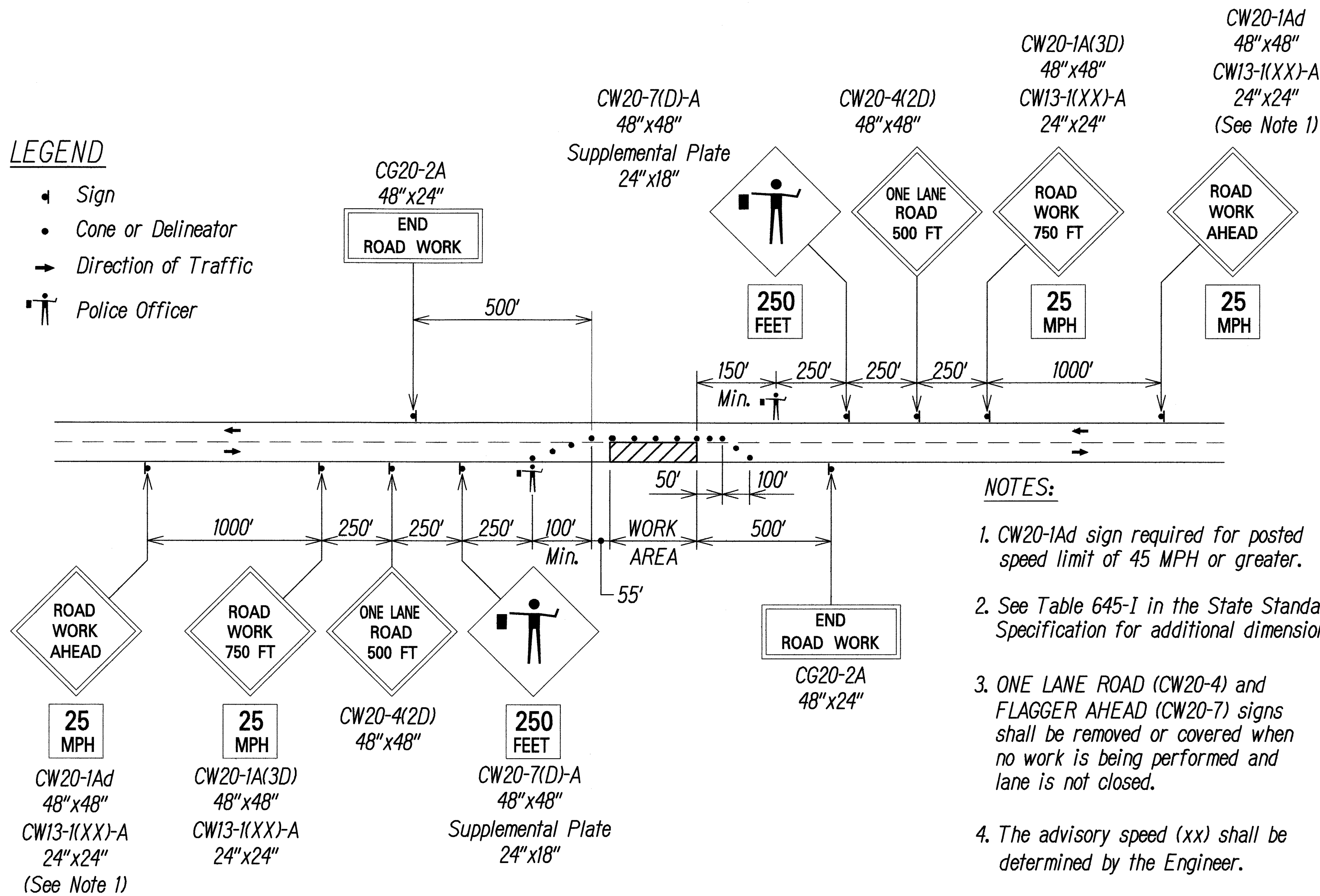


THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
[Signature]
APRIL 30, 2010
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

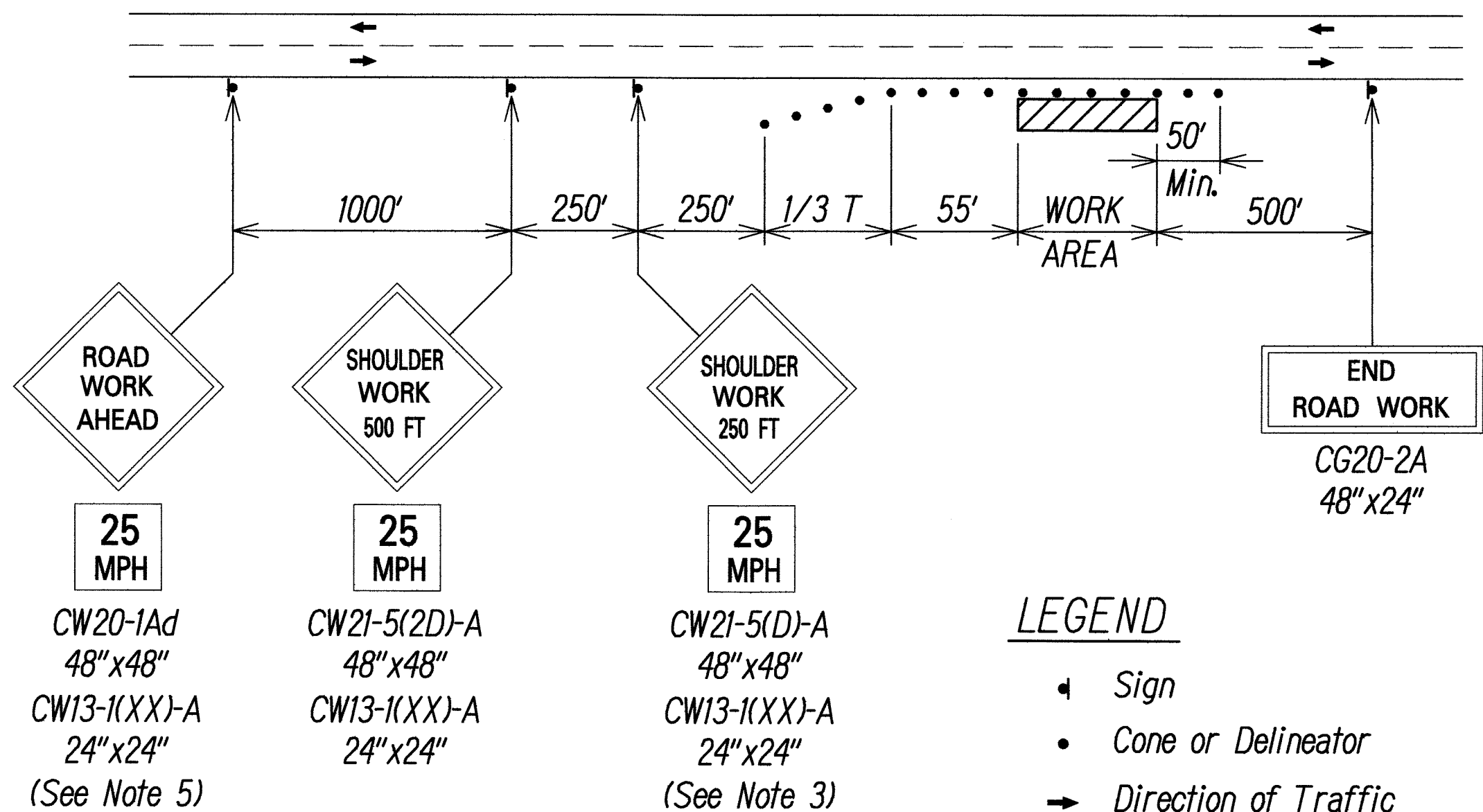
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC CONTROL NOTES	
WAIMEA CANYON DRIVE/KOKEE ROAD IMPROVEMENTS PHASE 1 MILE POST 0.80 TO MILE POST 4.60 Proj. No. 550AB-01-06	
Scale: Not to Scale	Date: October 2008
SHEET No. 1 OF 2 SHEETS	

LEGEND

- Sign
- Cone or Delineator
- Direction of Traffic
- Police Officer



TWO-LANE HIGHWAY - ONE LANE CLOSED
Not to Scale



LEGEND

- Sign
- Cone or Delineator
- Direction of Traffic

WORKING ON SHOULDER OR ROADSIDE
Not to Scale

TABLE 645-I - FOR TRAFFIC CONTROL PLAN

POSTED SPEED LIMIT (M.P.H.)	SIGN SPACING (D) (FEET)	TAPER LENGTH (T) (FEET)		LONGITUDINAL BUFFER SPACE (B) (FEET)	SPACING OF CONES OR DELINEATORS (FEET)		
		W=12' OR LESS *	W= GREATER THAN 12' *		TAPER	TANGENT	WORK AREA
20	250	200	Wx17	35	20	20	10
25	250	200	Wx17	55	25	25	10
30	250	250	Wx20	85	30	30	10
35	250	250	Wx20	120	35	35	10
40	500	350	Wx30	170	40	40	10
45	500	550	Wx45	220	45	45	10
50	1000	600	Wx50	280	50	50	10
55	1000	700	Wx55	335	55	55	10

*W= width of lane or shoulder

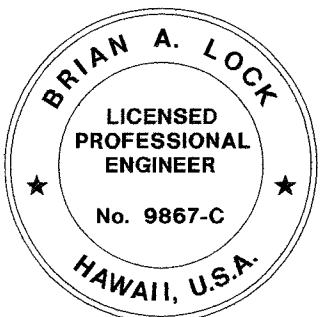
NOTES:

- CW20-1Ad sign required for posted speed limit of 45 MPH or greater.
- See Table 645-I in the State Standard Specification for additional dimensions.
- ONE LANE ROAD (CW20-4) and FLAGGER AHEAD (CW20-7) signs shall be removed or covered when no work is being performed and lane is not closed.
- The advisory speed (xx) shall be determined by the Engineer.
- Cones or delineators shall be installed at 25'-0" max. on tapers.

NOTES:

- This plan may be used only if all road work, including equipment and workers are off the travel way.
- See Table 645-I hereon additional dimensions.
- Engineer will determine if Advisory speed sign is necessary.
- Contractor will provide necessary adjustments to accommodate Bicyclists and Pedestrians.
- CW20-1Ad Sign required for posted speed limit of 45 MPH or greater.

- Where necessary, cones may be replaced with contract provided portable concrete barriers.



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APRIL 30, 2010
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

WAIHEA CANYON DRIVE/KOKEE ROAD
IMPROVEMENTS PHASE 1
MILE POST 0.80 TO MILE POST 4.60
Proj. No. 550AB-01-06

Scale: Not to Scale Date: October 2008