

P.M.: BKM  
CURRENT OPR: mlf  
PREV. OPR:  
CURRENT TIME: Mar 26, 2002 - 1:12pm  
LAST SAVED BY: rki  
LAST MODIFIED: Sun, 10 Mar 2002 - 10:37pm

PREF: G:\Kai00-01\ACAD\  
FILE: KAI0077.dwg  
BEGIN: 12/26/00  
SCALE: 1=1

ORIGINAL PLAN	SURVEY PLOTTED BY _____		DATE _____
	DRAWN BY _____		
	TRACED BY _____		
	DESIGNED BY _____		
NOTEBOOK	QUANTITIES BY _____		_____
	CHECKED BY _____		
No. _____	_____		_____

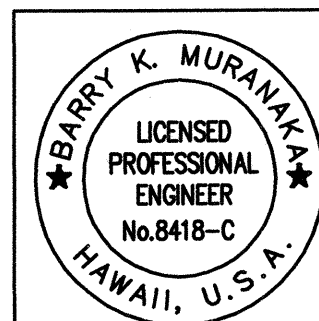
GENERAL NOTES FOR TRAFFIC CONTROL PLAN

1. The Contractor shall make minor adjustments at intersections, driveways, bridges, structures, 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 is placed first. The others shall then be placed progressively toward the work area.
4. Regulatory and warning signs (excluding speed limit 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 work.
5. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
6. The Contractor shall install a flashing arrow signal as directed by the Engineer.
7. All traffic lanes shall be a minimum of ten (10) feet wide.
8. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
9. The backs of all signs used in traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e. When signs have messages on both faces).
10. As soon as the 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.
11. Permanent pavement markings and traffic signs shall be replaced upon completion of each phase of work.
12. The Contractor shall control traffic going in and out of driveway(s).
13. When excavating within five feet of traffic lanes, the contractor shall use a continuous line of portable concrete barriers with Inertial Barrier Systems or portable water-filled barriers.
14. During non-working hours, the Contractor shall provide a continuous line of portable concrete barriers with Inertial Barrier Systems or portable water-filled barriers for portions of shoulder work where the guardrail and/or end treatments are not in service or as directed by the Engineer.
15. All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000.
16. All existing speed limit signs covered during the lane closure period shall be uncovered upon the removal of the lane closure including construction warning/regulatory signs.

CONSTRUCTION HOURS AND ROAD/LANE CLOSURES

1. This contract also intends to complete the construction of the bridge roadway in an expedient but safe manner. Therefore, the Contractor is allowed to work 24 hours a day, 7 days a week towards the completion of the bridge roadway.
2. After the opening of the bridge roadway to two-way two lane traffic the work shall be completed between 'sunrise' and 'sunset' hours. The Contractor shall submit their schedule to the Engineer for approval.
3. The Contractor shall ensure that the detour road is open to two-way two lane traffic 24 hours a day until the bridge roadway is open to two-way two lane traffic. The detour road shall remain open to traffic and allow traffic to flow at the posted speed limit during the peak hours and non-working hours.
4. The Engineer will permit the Contractor to close only one lane of traffic on the detour road between the hours of 8:30 A.M. to 3:30 P.M. Exceptions to these hours shall require the Engineer's acceptance in writing.
5. The Contractor will be permitted to close Kamani Street 24 hours a day for 7 days. Detour route plans on sheets, 45 & 46 shall be in effect during these hours. The Contractor shall provide additional traffic control devices at the work zone as required.
6. The Contractor shall notify the State and County transportation agencies, Police and Fire Departments, Ambulance Service and the Department of Health in writing that a detour route will be in effect at least five working days before the start of construction.
7. Both lanes shall be open to traffic during non-working hours, weekends and holidays. Each segment of construction shall be scheduled and completed accordingly.
8. The Contractor shall provide appropriate traffic control devices, warning signs, and beacons when two-way traffic must be detoured over shoulders, during non-working hours.
9. The Contractor shall provide appropriate traffic control devices, warning signs, and beacons when the highway is narrowed for two-way traffic

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(3)	2002	44	107



THIS WORK WAS PREPARED  
BY ME OR UNDER MY  
SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

CONSTRUCTION TRAFFIC CONTROL

NOTES

MAMALAHOA HIGHWAY  
EMERGENCY REPLACEMENT OF PAAUUAU STREAM BRIDGE,  
IMPROVEMENTS AT KAMANI STREET, AND  
REHABILITATION OF VARIOUS BRIDGES  
FEDERAL AID PROJECT NO. ER-12(3)

Scale: As shown Date: Jan. 2002

SHEET NO. 1 OF 1 SHEETS