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PLOT: 04/30/08

ORIGINAL SURVEY PLOTTED BY _____	DATE _____
DRAWN BY _____	DESIGNED BY _____
NOTE BOOK _____	QUANTITIES BY _____
PLANNED BY _____	CHECKED BY _____
NO. _____	

PROPOSED BEST MANAGEMENT PRACTICE (BMP) PLAN

The Contractor shall prepare a Site-Specific BMP (SSBMP) Plan for the project and submit ten (10) copies to the Engineer for review and acceptance. The Engineer will then submit the SSBMP Plan to the Department of Health (DOH) for their review and approval. Upon receipt of the SSBMP Plan from the Engineer, DOH requires 30 days to review the SSBMP. The SSBMP Plan shall be complete and acceptable to the Department of Health before ground disturbing construction activities can begin. Unacceptable SSBMP Plan will be returned for correction or clarification. DOH may require another 30 days to review the revised ssbmp. Contractor shall not wait for the notice to proceed to begin the BMP Plan preparation and submittal, which shall be incidental to the construction contract and will not be paid for separately. An unacceptable SSBMP will not be considered a reason for delaying the notice to proceed date or for grumbling an unworkable day.

1. Construction Sequence

All debris shall be properly removed from the aquatic environment and disposed of at the upland state or county approved sites. No construction material or construction-related materials shall be stockpiled, stored, or placed in the aquatic environment or stored or placed in ways that will disturb the aquatic environment. If stockpiling of excavated materials is required prior to transporting to the state or county approved site, transporting the excavated materials from the site to an approved stockpile area shall be done with a watertight equipment.

2. Characteristics of the Discharge and Potential Pollutants Associated with the Proposed Construction Activity

- Material temporarily placed may include silt screen, plastic or steel pipes, coarse gravel, plastic lining, form material, berms, dikes, cofferdams, and sand bags.
- Material that may enter state waters due to the proposed construction activity includes soil erosion, construction debris, concrete, and removed vegetation.
- Discharges associated with the operation of the equipment include oil leak, and spills from the fueling operation. Maintenance of equipment and fuel storage will not be allowed within the aquatic environment.

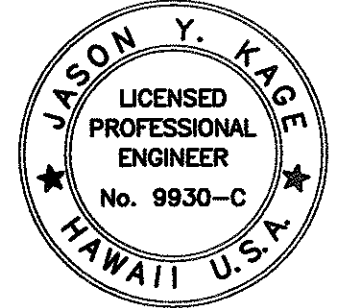

3. Proposed Control Measures or Treatment

- Effective silt containment devices shall be installed around the work site prior to any construction activity. They shall be maintained until the footing retrofit construction activity is completed. Details will be submitted by the Contractor after contractor is selected.
- A designated upland area away from the aquatic environment for the selected contractor to store or stockpile construction related materials and equipment will be assigned by the state to the Contractor selected prior to start of construction activity.
- All loose material and small tools and equipment will be removed from the construction site after every work day is completed.
- Equipment shall be inspected daily to make sure oil leaks do not occur. Equipment shall be stored upland away from the aquatic environment. Fueling and lubricating of equipment and motor vehicles will be conducted away from the aquatic environment and in a manner to protect against spills and evaporation. Lubricants and excess oils will be disposed of in accordance with applicable federal, state and local regulations.
- Skilled masonry workers will be used to finish any concrete work.

4. Water Quality Monitoring Plan

- The State of Hawaii, Department of Health, Clean Water Branch (phone: 586-4309) shall be notified three days prior to start of construction and at the end of construction.

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0270(18)	2006	7	31

  THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION 04/30/08 EXPIRATION DATE OF THE LICENSE	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>BEST MANAGEMENT PRACTICES</u> AKONI PULE HIGHWAY, SEISMIC RETROFIT OF WALAOHIA AND AAMAKAO BRIDGES FAIP No. BR-0270(18) Scale: NONE Date: May 2006 SHEET No. 1 OF 1 SHEETS
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