

1 Make the following section a part of the Standard Specifications.

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3 **"SECTION 694 - ARCHAEOLOGICAL MONITORING**

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5 **694.01 Description.** This section describes having an Archaeological Monitor  
6 hired by the Contractor to be present during all ground disturbing activities north  
7 of Wailua River, on Kuamoo Road, within 328 feet of Malae Heiau, within 1,500  
8 feet of North Leho Drive, and any staging areas and/or open trench areas  
9 associated with Wailua River scheduled for this project.

10 **694.02 Materials.** None

11  
12 **694.03 Construction.** Actual onsite time and specific actions to be followed in  
13 the event of inadvertent discoveries will be discussed and agreed upon by the  
14 Contractor and the Archaeological Monitor at the pre-construction meeting.

15  
16 (A) **Schedule.** The Contractor shall be responsible for ensuring that the  
17 Archaeological Monitor is aware of all pertinent construction  
18 schedules and that the monitor is present for all subsurface  
19 excavation activities within the project area.

20  
21 (B) **Archaeological Monitoring.** The Archaeological Monitor and the  
22 Contractor are responsible for ensuring that on-site work is halted in  
23 an area of significant findings and to protect any such find from any  
24 further damage (i.e., construction fencing, protective covering, etc.).  
25 The State Historic Preservation Division (SHPD) Kauai office shall be  
26 consulted for recommended appropriate mitigation actions. In the  
27 event that human remains are identified, the SHPD Culture and  
28 History Branch Kauai office shall be notified. The Kauai/Niihau Islands  
29 Burial Council (KNIBC) regional geographic representative shall also  
30 be consulted.

31 In the event that Human Skeletal remains are discovered during construction  
32 HRS 6E-43.6 Inadvertent Discovery of Burial Sites, shall apply with the  
33 exception that HDOT can extend statutory time periods needed to determine  
34 the disposition of the remains, and work shall cease in the immediate area.  
35 In situ human remain shall be left in place, and any disturbed human remains  
36 shall only be removed after written notification is received from the SHPD.  
37 The monitoring Archeologist shall be responsible for notifying the SHPD Kauai  
38 Office (Culture and History Branch), which, in consultation with the Kauai/  
39 Niihau Island Burial Council regional representative, shall determine  
40 appropriate mitigation measures.

40  
41 The Archaeological Monitor shall work in compliance with Hawai'i  
42 Revised Statutes Chapter 6E. The Contractor is prohibited from  
43 hiring the Archaeologist that has prepared the approved Monitoring  
44 Plan for this project.

Close down construction activities in areas where potentially significant discoveries have been made until they have been properly evaluated. Construction activities may continue in unaffected portions of the project area.

Field procedures to be followed for documentation of discovered cultural features or human skeletal remains include:

- (1) standard field methods including recordation of profiles showing stratigraphy, cultural layers, etc.;
- (2) mapping and photographing of finds other than human remains;
- (3) excavation of cultural materials and/or exposed features.

The SHPD Kauai archaeologist shall be notified and consulted with regarding treatment of identified features such as cultural layers, artifact or midden concentrations and structural remains.

The Contractor shall take into account the necessity for machine excavation at a speed slow enough to allow for reasonable visual inspection of the work. The Archaeological Monitor shall make a "best effort" to search for significant material culture remains (i.e. artifacts, features, midden, skeletal remains, etc.). Machine excavation speed will need to be slowed in an area where significant material culture remains have been identified.

Significant archaeological discoveries, if they occur, shall be protected and identified by construction "caution" tape, fencing, or other reasonable means, until the SHPD Kauai office and the Archeological Monitor decide appropriate mitigation actions. All recovered material culture remains -with the possible exception of charcoal samples for radiometric analysis - shall remain on Kauai. Standard Laboratory methods shall be utilized by the Archaeological Monitor in the event that cultural materials are recovered during monitoring and/or mitigation work.

One monitor in most instances shall carry out the necessary fieldwork. Tasks will include observation of grubbing and earth-moving Activities.

In the event of night work, the Contractor shall supply adequate lighting for the Archaeological Monitor.

91 The Contractor shall abide by HRS Chapter 6E-11 which specifies the  
92 following: "It shall be unlawful for any person or corporate, to take,  
93 appropriate, excavate, injure, destroy, or alter any historic property or  
94 aviation artifact located on the private lands of any owner thereof  
95 without the owner's written permission being first obtained. It shall be  
96 unlawful for any person, natural or corporate, to take, appropriate,  
97 excavate, injure, destroy, or alter any historic property located upon  
98 lands owned or controlled by the State or any of its political  
99 subdivisions, except as permitted by the department."

100  
101 Field methods utilized shall include photographic recordation  
102 (where appropriate), artifact excavation (recovery and recordation),  
103 profile documentation of cultural layers and stratigraphy,  
104 excavation and recordation of exposed features, and mapping of all  
105 pertinent features on an appropriate site map. A daily log (field notes)  
106 of activities and findings shall also be kept. Gathered information shall  
107 be utilized in the preparation of the monitoring report to be submitted  
108 to the SHPD.

109  
110 In the event human skeletal remains are inadvertently disturbed, the  
111 SHPD Kauai office, the Kauai SHPD Cultural Historian, and the  
112 Kauai/Niihau Islands Burial Council regional geographic  
113 representative shall be notified, and appropriate mitigation actions  
114 determined.

115  
116 The Archaeological Monitor shall periodically visit the monitoring site  
117 as often as is necessitated by the nature of the construction activities  
118 and archaeological findings. If significant discoveries are made,  
119 appropriate mitigation measures shall be discussed with the SHPD  
120 Kauai office.

121  
122 The Archaeological Monitor shall curate all cultural materials  
123 recovered from this monitoring project on Kauai, with the exception  
124 of human remains. When analysis is completed, recovered material  
125 culture remains shall be turned over to the appropriate parties. The  
126 SHPD and the landowner will approve long-term curation  
127 arrangements of significant material culture remains.

128  
129 A draft monitoring report detailing the results of this monitoring  
130 program shall be prepared. This draft report shall be submitted to the  
131 State Historic Preservation Division within 180 days of the  
132 completion of fieldwork, for comment and approval. Any  
133 recommended changes and/or corrections shall be incorporated in  
134 the final monitoring report for this project.

137 **694.04 Measurement.** Engineer will only measure the additional work requested  
138 by the Engineer on a Force Account Basis in accordance with Subsection 109.06 -  
139 Force Account Provisions and Compensation.

140  
141 **694.05 Payment.** The Engineer will pay for the following pay item when included  
142 in the proposal schedule.

| 143 | <b>Pay Item</b>           | <b>Pay Unit</b> |
|-----|---------------------------|-----------------|
| 144 |                           |                 |
| 145 |                           |                 |
| 146 | Archaeological Monitoring | Force Account"  |

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151

**END OF SECTION 694**