
HOUSE CONCURRENT RESOLUTION

URGING THE STATE HISTORIC PRESERVATION DIVISION OF THE
DEPARTMENT OF LAND AND NATURAL RESOURCES TO EXPLORE THE USE
OF GROUND PENETRATING X-RAY AND GEOGRAPHICAL INFORMATION
SYSTEM TECHNOLOGY TO DETERMINE WHETHER THE USE OF THESE
TECHNOLOGIES IS FEASIBLE.

1 WHEREAS, ground penetrating x-ray scanning devices have the
2 ability to identify bones and artifacts prior to digging or
3 excavating a site; and
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5 WHEREAS, a geographical information system can record and
6 extrapolate information regarding excavations, historic sites,
7 and the location of bones and artifacts; and
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9 WHEREAS, a geographical information system that captures,
10 stores, analyzes, manages, and presents data is vital to merging
11 existing maps with any images and information provided by new
12 archaeological technology; and
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14 WHEREAS, ground penetrating x-ray and geographical
15 information system technology, while costly, could prevent
16 damage to historical artifacts while saving the historic
17 preservation division precious time from having to locate and
18 extract these items from the ground; now, therefore,
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20 BE IT RESOLVED by the House of Representatives of the
21 Twenty-fifth Legislature of the State of Hawaii, Regular Session
22 of 2010, the Senate concurring, that the Legislature urges the
23 State Historic Preservation Division to explore the use of
24 ground penetrating x-ray and geographic information system
25 technology to determine whether the use by the Division of these
26 technologies is feasible; and
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28 BE IT FURTHER RESOLVED that the State Historic Preservation
29 Division is requested to report to the Legislature on:



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- 2 (1) The costs associated with acquiring, maintaining, and
- 3 using ground penetrating x-ray devices and a
- 4 geographic information system that have the ability to
- 5 identify and map artifacts in the ground without the
- 6 need for excavation; and
- 7
- 8 (2) Whether use of any of the archaeological equipment by
- 9 the division is feasible based on the costs of the
- 10 technology and the benefit to the State in
- 11 identifying, locating, and preserving historic
- 12 artifacts and human remains; and
- 13

14 BE IT FURTHER RESOLVED that the State Historic Preservation
 15 Division is requested to report findings and recommendations to
 16 the Legislature not later than twenty days prior to the
 17 convening of the Regular Session of 2011; and

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 19 BE IT FURTHER RESOLVED that certified copies of this
 20 Concurrent Resolution be transmitted to Chairperson of the Board
 21 of Land and Natural Resources and the State Historic
 22 Preservation Officer.

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OFFERED BY: Mel Carr
Karen Luana
Mark Berkshorn
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