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IN REPLY REFER TO:

HWY-DS 2.2364

December 8, 2003

TO: GENEVIEVE SALMONSON, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERETANIA STREET, SUITE 702  
HONOLULU, HAWAII 96813

FROM:  RODNEY K. HARAGA  
DIRECTOR OF TRANSPORTATION

SUBJECT: FINDING OF NO SIGNIFICANT IMPACT (FONSI) FOR HANA HIGHWAY  
REPAIR, TMK 2-1-1-008: 004, VICINITY OF MILE POST 19 BETWEEN  
KEANAE AND WAILUA, MAUI, HAWAII

The State of Hawaii Department of Transportation Highways Division (HDOT) has reviewed the comments received during the 30-day public comment period that began on July 8, 2003. HDOT has determined that this project will not have significant environmental effects and has issued a FONSI.

Please publish this notice in the December 23, 2003, QEQC Environmental Notice. We have enclosed a completed OEQC Publication Form, four copies of the Final EA, and the project summary on disk.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Attachments

c: DMT Consultant Engineers (C. Kogasaka)

OFFICE OF ENVIRONMENTAL  
QUALITY CONTROL

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**FINAL**

**Environmental Assessment**

**(Hana Highway Repair)**

Department of Transportation  
Highways Division  
State of Hawaii  
601 Kamokila Boulevard, Room 688  
Kapolei, Hawaii 96707

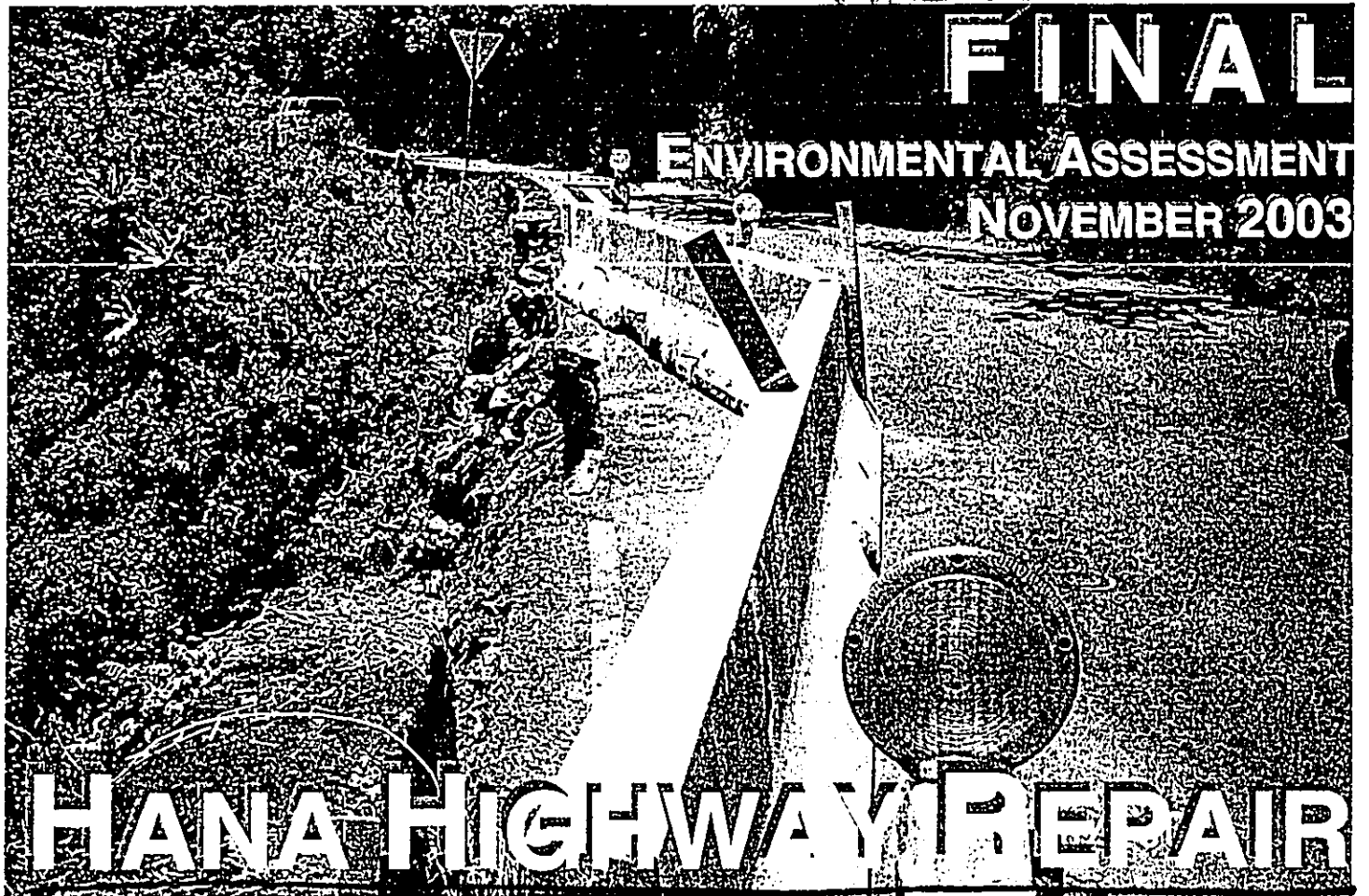
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November 2003

DEC 23 2003

FILE COPY



**FINAL**

**ENVIRONMENTAL ASSESSMENT**

**NOVEMBER 2003**

**HANA HIGHWAY REPAIR**

DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, STATE OF HAWAII  
PREPARED BY: EUGENE P. DASHIELL, AICP, ENVIRONMENTAL PLANNING SERVICES



08/06/2003

## Summary Sheet: Hana Highway Repair

**Project:** The project involves repair of a section of the Hana Highway near Mile Post 19 in the vicinity of Wailua. The highway at the project location is being undermined by earth movement which has required the closure of one travel lane. To provide for continued highway use and to restore traffic to two lanes, the State Department of Transportation, Highways Division, proposes to repair the highway within the existing right-of-way and following the existing alignment. The repair will extend for a length of less than 100 lineal feet and will consist of placement of a reinforced concrete roadway overlain with asphalt paving and with a foundation on concrete drilled shafts. The drilled shafts will be approximately 5 feet in diameter and 50 feet in length, extending vertically through earth into bedrock. An approximate 115 lineal feet of the existing 280 lineal feet of grouted rock wall (collapsed in early August 2003) which served partially as a retaining wall and partially as a barrier between the highway and the downslope will be re-constructed with reinforced concrete with a rock veneer facing or formed concrete face to simulate rock. This is a typical repair design which is being used at other locations on Hana Highway and elsewhere to maintain the existing highway appearance in conformance with historic concerns and with the desires of the community to retain the existing visual environment where possible and in conformance with the need for safe roadways.

<b>Location</b>	Hana Highway, near Wailua; County of Maui; State of Hawaii
<b>Tax Map Key Lat., Long.</b>	2-1-1-008:004 (Hana Highway). N20 degrees, 50.500 minutes; W156 degrees, 8.416 minutes.
<b>Project Site Area, Elevation</b>	4,000 square feet 465 feet above mean sea level
<b>State Land Use District &amp; Zoning</b>	Conservation, Resource Subzone (State Land Use District); Conservation
<b>Ownership</b>	State of Hawaii
<b>Accepting Authority</b>	Department of Transportation, Highways Division, 601 Kamokila Boulevard, Room 688, Kapolei, Hawaii 96707. Contact: Mr. Scot Urada, P.E., Project Engineer, 808-692-7553 (telephone), 808-692-7555 (fax)
<b>Applicant</b>	Department of Transportation, Highways Division, 601 Kamokila Boulevard, Room 688, Kapolei, Hawaii 96707. Contact: Mr. Scot Urada, P.E., Project Engineer, 808-692-7553 (telephone), 808-692-7555 (fax)
<b>Consultant</b>	DMT Consultant Engineers, 677 Ala Moana Blvd., Suite 703, Honolulu, Hawaii, 96813. Contact: Mr. Corey Kogasaka, P.E. Project Engineer, 808-524-1224 (telephone), 808-521-3151 (fax).
<b>Associated Consultant</b>	Eugene P. Dashiell, AICP, Environmental Planning, 1314 South King St., Suite 952; Honolulu, Hawai'i 96814; Contact: Eugene Dashiell, (808) 593-8330 (telephone & fax); dashiell@lava.net; www.lava.net/environmental-planning
<b>Required Permits and Approvals</b>	Permits: SMA (County of Maui), Historic Sites (DLNR, Historic Preservation Division), and CDUP (DLNR, Land Use Division) determinations required; Work Within State Highway Right-of-Way (State Department of Transportation).

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# **1 Description of the Proposed Action**

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**1.1 Technical characteristics.** This section describes the location and purpose of the project and how it would be accomplished.

**1.1.1 Project background and purpose of this environmental assessment.** The DOT (State of Hawaii, Department of Transportation, Highways Division) proposes to repair a section of the Hana Highway, Island of Maui in the vicinity of MP (milepost) 19, between Keanae and Wailua, Maui (Figure 1). This section of highway (approximately one hundred feet) has been undercut by rock and landslides. All work would be done within the existing highway right-of-way on State-owned land. This environmental assessment is required because of the use of state lands and funds.

**1.1.2 Location and purpose of the project.**

State DOT funds will be used for the construction of this project. This project, therefore, is subject to preparation of environmental documentation per requirements of Chapter 343, Hawaii Revised Statutes (HRS). This Environmental Assessment addresses the limited environmental impacts anticipated for this project. The proposed project is located in the Hana District.

**1.1.3 Description of the project.** At present, the road travelway has been slightly re-aligned within the existing right-of-way because warning markers have been placed adjacent to the outer edge of the roadway which is undercut by rockslides and earth movement (Figure 2). In early August 2003, the rock wall (Figure 3.A) adjacent to this location collapsed and temporary concrete barriers have been placed at the edge of the roadway and the downslope (see photographs). The project consists of repairing approximately 100 lineal feet of the existing roadway within the existing highway right-of-way and restoring the original width. The repairs are required to stabilize the roadway which is being undercut by rock and earth slides downhill of the highway. Contractors would replace the existing roadway with a reinforced concrete roadway using a foundation of concrete drilled shafts (Figure 3). The roadway would be overlain with asphalt concrete paving and would be slightly cantilevered over the present ground elevation but would approximate the original alignment. Cantilevering is necessary because of a loss of earthen foundation material due to rockslides and earth movement. The drilled shafts would be approximately 5 feet in diameter and 50 feet deep. Approximately 115 lineal feet of rock wall (now collapsed) would be reconstructed within the existing 280 lineal feet of grouted rock wall which serves partially as a retaining wall and partially as a barrier between the highway and the downslope. The wall will be re-constructed with reinforced concrete with a rock veneer facing or formed concrete face to simulate rock. There would be little or no changes in view planes as a result of the proposed work.

**1.1.4 Project Schedule and Estimated Cost.** A contractor will be retained by the DOT to construct the project. Construction is expected to begin in Fiscal Year 2004 and last for several months. The estimated total cost of construction of the proposed project is approximately \$0.8 to \$1.0 million.

**1.1.5 Importance of Hana Highway to the Community.** Hana Highway is the main link to the main urban facilities of the Island of Maui. Residents, the community, and businesses in Hana are dependent on this highway for the primary transportation of goods, visitors and travel to schools, stores, the main airport, sea port, hospitals and job. Because of these



concerns, work to be done on this project is subject to strict construction operational constraints, and the public will be inconvenienced during work hours.

- 1.2. **Socio-economic characteristics.** This section discusses the impacts of the proposed project on the community in terms of both social and economic effects.
  - 1.2.1 **Economic impacts on the community at large.** This project will have a beneficial economic impact on the Hana community at large because it aids in maintaining a reliable transportation route – a public health and safety purpose. This transportation route is vital to the economic well-being of Hana. Similarly, Hana is a significant visitor destination area for tourists on Maui.
  - 1.2.2 **Provision of income for the county or state and creation of employment opportunities in areas with high unemployment rates.** The project provides benefits through jobs related to its implementation, jobs maintained by the highway, and maintenance and enhancement of businesses which are employers.
  - 1.2.3 **Targeted segment of the population.** The Hana Community receives important and significant benefits from this project. However, Maui County, and the State of Hawaii also benefit because of the importance of Hana as a visitor destination area.
  - 1.2.4 **Population density.** The project has no effect on population density because it does not provide for a traffic level of service greater than the overall design of the entire Hana Highway.
  - 1.2.5 **Recreational facilities.** There are no effects on recreational facilities because there are no such facilities at the site of the project. Visitors and residents who may recreate in Hana (on in other areas of Maui, for Hana residents) will benefit from the safe condition which will result from the proposed repair project.
  - 1.2.6 **Child care provisions.** There are no child care provisions in relation to the proposed project.
  - 1.2.7 **Relocations of residences.** No relocation of residences would occur. The nearest residence is more than one half mile from the project site.
  - 1.2.8 **Costs of the proposed project and economic analysis.** The estimated total cost of construction of the proposed project is approximately \$0.8 to \$1.0 million.
- 1.3 **Environmental characteristics.** This section discusses the potential effects of the proposed project on the physical environment.
  - 1.3.1 **Aesthetics and view planes.** The project will result in no significant change in the visual environment. The project will install a reinforced concrete wall with rock facing to approximately match the existing wall's appearance.
  - 1.3.2 **Air quality.** There would be some effects during construction and these would be mitigated per county and state rules. There would be no long term effects because the proposed project includes no air pollution sources and would not generate significant differences in traffic from the existing conditions.

- 1.3.3 **Traffic.** There will be no significant long-term effects on traffic because the proposed project does not increase capacity, but the restored roadway will be more stable and safer resulting in an improved long-term condition. There will be effects on traffic during construction and during periods when construction materials are delivered to the site. Such effects are conditional and only temporary during construction. Such traffic will consist of heavy trucks and trailers which can operate during off-peak traffic hours and which can be coordinated with the proposed land or road closures which are required and which have been proposed to the community in another Environmental Assessment<sup>1</sup>. The trucks and contractors will follow existing regulations regarding road clean-up resulting from this traffic. Based on a traffic survey by the DOT (in April 2001) peak AM and PM traffic was identified. Eighty to ninety percent of the traffic was attributed to Hana District residents and the proposed road closures are intended to have the least effect on such traffic as is possible.
- 1.3.4 **Noise levels.** There will be some temporary increase in noise levels during construction of the project. This will occur during working hours. Contractor's equipment is required to meet Department of Health noise regulations.
- 1.3.5. **Effects on water quality .** The project will have no significant effect on water quality because there are no significant discharges to state waters related to the project. During installation of the drilled shafts it is unlikely that groundwater would be discharged because there are no known aquifers at the project location. However, there may be minor and temporary discharges of small amounts of water, but such discharges would be in open areas which are not state or federal waterways or wetlands
- 1.3.6 **Other environmental effects.** The project site is located at an elevation above identified flood hazard areas identified as Zones X (areas outside the 500 year flood plain) as identified by the Federal Emergency Management Agency on the Flood Insurance Rate Map for the area.

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<sup>1</sup>DOT, *Hana Highway Rockfall Mitigation, Huelo to Hana, Draft Environmental Assessment, February 2003.*

## 2 Description of the Affected Environment

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- 2.1 **Location.** The proposed repair project is located on the Island of Maui within the existing State DOT right-of-way on Hana Highway near Mile Post 19 in the vicinity of Wailua, just south of Keanae. This is the Hana Judicial District.
- 2.2 **Land ownership and tenancy.** Hana Highway (Figure 4) in this area is owned by the State of Hawaii (TMK 2-1-1-008:99) as are adjoining land parcels (TMK 2-1-1-008:001 and 2-1-1-008:005).
- 2.3 **County Zoning, State Land Use District.** The proposed project is in a State Conservation District Resource Subzone (Figure 5). County zoning is C (conservation).
- 2.4 **Special Management Area, Coastal Zone Management Consistency.** The proposed project is partially outside and partially inside the boundary (Figure 6) of the SMA (Special Management Area). The Department of Transportation is in the process of requesting an SMA assessment from the County of Maui.
- 2.5 **Land and water use.** The proposed project site is an existing State Highway which will be repaired within the existing right-of-way, and maintaining the existing roadway centerline (Figure 7). The highway will not be widened.
- 2.6 **Land and related water use plans.** Following is a discussion of land and water use plans which are related to the proposed plan.
- 2.6.1 **County of Maui General Plan & Hana Community Plan.** The proposed project conforms to the Maui County General Plan <sup>2</sup> by maintaining a viable economy offering diverse employment opportunities and access to housing for residents because 80 to 90 percent of highway traffic is by residents. The proposed project conforms to the general plan themes for directed and managed growth, protection of the shoreline, limits to visitor industry growth, protection of land and rural identity by being a repair (not an improvement) of a dangerously damaged section of the highway.
- The Hana Community Plan** has established requirements for, "...transportation policies....consistent with the desire of the Hana community to preserve the natural and cultural characteristics distinctive to the Hana region."<sup>3</sup> The proposed project meets this policy by continuing to provide a safe and reliable highway, but not expanding capacity, and not altering the scenic properties in the area of the proposed repair project.
- The proposed project, though not specifically included in, generally conforms to the objectives of the *Hana Bridges Historic Preservation Plan*<sup>4</sup> because the primary view approaching the proposed area to be repaired will be similar or the same after the project is completed.
- 2.6.2 **State of Hawaii.** The proposed repair project conforms to State objective of preserving scenic views and reducing threats to life or property from erosion. The site of the proposed

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<sup>2</sup>County of Maui, *General Plan 2000*, internet web site, March 2003.

<sup>3</sup>County of Maui, *Hana Community Plan*, page 11, 1994.

<sup>4</sup>County of Maui, *Hana Bridges Historic Preservation Plan*, December 2001.

project and surrounding lands designated a Conservation District Resource Subzone. The highway is a permitted use within the Resource Subzone as are repairs to it.

The State's Rockfall Mitigation Plan does not indicate the proposed project site to have a high estimated potential for rockfall onto the roadway.

2.6.3 **Federal.** There are no federal plans for the area.

2.7 **Flora.** There are no threatened or endangered flora at the project site. The area of construction is devoid of vegetation and is presently paved. See letter (Appendix) from U.S. Fish and Wildlife Service which applies to similar sites at similar locations on Hana Highway which bracket the subject site. There are no known sites of rare species or natural communities within three-fourths of a mile of the project site (see Figure 11).<sup>5</sup>

2.8 **Fauna.** There are no threatened or endangered fauna at the project site. See letter (Appendix) from U.S. Fish and Wildlife Service which applies to similar sites at similar locations on Hana Highway which bracket the subject site. There are no known sites of rare species and or communities within three-fourths of a mile of the project site (see Figure 11).<sup>6</sup>

2.9 **Soils.** Soils in the vicinity of the proposed project site are classified by the U.S. Department of Agriculture Natural Resources Conservation Service<sup>7</sup> as being rRT (rough mountainous land, Figure 8).<sup>8</sup> The drilled shaft construction will cause little disturbance on the soil surface.

2.10 **Water Quality, Water Resources, Hydrology.** There are no perennial streams or groundwater resources (aquifers) at the project site and no discharges from the proposed project are anticipated.

2.11 **Historical, archeological sites, traditional practices and cultural impacts.** Hana Highway is an historic district (Figure 9) as designated by the State of Hawaii and is listed on both the State and National Registers of Historic Places (March 19 and June 15, 2001, respectively).<sup>9</sup> Principal among the historic values of the Hana Highway is its physical character (two lane or narrower width, variable grades, steep topography, scenic vistas, historic alignment) and a major issue has been preservation of certain bridges along the Highway because of their historic period construction and old appearance. The State Historic Preservation Division (SHPD) accepted the County's bridge preservation plan on

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<sup>5</sup>According to the Hawaii Natural Heritage Program , University of Hawaii, Center for Conservation Research and Training, June, 2003.

<sup>6</sup>According to the Hawaii Natural Heritage Program , University of Hawaii, Center for Conservation Research and Training, June, 2003.

<sup>7</sup>NRCS, SSURGO (Soil Survey Geographic of Maui, Hawaii), Internet, 2003.

<sup>8</sup>U.S. Natural Resource Conservation Service, *Soil Survey of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii*, August 1972, p. 119. The official definition of this soil type, rRT, is: "...occurs in mountainous areas on all islands...consists of very steep land broken by numerous intermittent drainage channels....Rock land, rock outcrop, soil slips, and eroded spots make up 20 to 40 percent of the acreage."

<sup>9</sup>County of Maui, Department of Public Works and Waste Management, *Final Preservation Plan for County of Maui Bridges Within the Hana Highway Historic District*, Wilson Okamoto & Associates, Inc., December 2001.

December 3, 2001 (Appendix A). The State Historic Preservation Division also made a determination on January 31, 2003 regarding two proposed projects<sup>10</sup> similar to that which is proposed in this EA (one of which is in the vicinity of MP 19) that "no historic properties will be affected". SHPD has stated (letter September 23, 2003, Appendix) that the proposed project would have no "no adverse effects" architecturally.

The proposed project will require partial demolition, repair and restoration of a rock wall (near collapse) which is a feature of the Hana Highway at the project site. The wall serves partially as a retaining wall and partially as a barrier between the highway and the downslope. The wall is constructed of grouted and mortared rock with a cement mortar cap on its top surface. The entire wall is approximately 280 feet in length. It is 1.5 feet wide, 2 feet high on the roadway side and varies from 5 to 15 feet in height on its downslope side (ocean-side). Approximately 50 feet of the wall has partially collapsed and slid downslope and the remainder is near collapse. The collapsed section is within the section to be repaired and restored.

Approximately 115 lineal feet of the existing 280 lineal feet of wall is near collapse and will be re-constructed with reinforced concrete with a rock veneer facing or formed concrete face to simulate rock. This reconstruction includes the collapsed section described above.

The Hana Highway was nominated as an historic district by the Maui County Cultural Resources Commission (March 2, 2001). The proposed Hana Highway Repair, subject of this EA, does not significantly alter the appearance or character of the segment of the highway to be repaired. The existing appearance of the up-slope topography will not be altered. The existing grouted rock wall barrier on the downslope edge of the highway will be restored after the concrete repair work has been completed and the view plane from the highway will be basically unchanged. The proposed project does not affect public access or known cultural practices. Modern use of the highway by taro growers or others who wish to engage in traditional or cultural practices either in Hana or in other parts of Maui Island will continue to have access via a highway made more safe and more reliable after completion of the proposed project.

Because the project location is in a topographical area of steep slopes, there is little likelihood that other archaeological sites are present in the immediate vicinity of the project area. Furthermore, the original construction of the highway involved an extensive cut of the slope, construction of the grouted rock wall and backfill which would have extensively disturbed or destroyed any cultural deposits that may have been present. The proposed project will not extend past the boundaries of the existing roadway repair and is within the existing right-of-way. If any cultural remains are inadvertently discovered during construction, the Maui Office of the SHPD will be notified and work will halted within the immediate area of the discovery until an inspection by SHPD can be made.

- 2.12 **Sensitive habitats or bodies of water adjacent to the proposed project.** There are no sensitive habitats or bodies of water adjacent to the proposed project.
- 2.13 **Flood Zone.** According to the Federal Emergency Management Agency Flood Insurance Rate Map (FIRM Panel 1500030300B, State GIS, Figure 10), the project is in zone X (areas outside the 500 year flood plain).

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<sup>10</sup>State of Hawaii, Department of Transportation, Highways Division, *Draft Environmental Assessment Hana Highway Rockfall Mitigation, Huelo to Hana*, M&E Pacific, Inc, February 2003.

- 2.14 **Topography.** The section of the highway to be repaired is at elevation 465 feet above mean sea level and is a steeply sloped area.
- 2.15 **Geology.** Bedrock basalt is estimated to be at about 20 to 30 feet or less below the surface of the present highway and is close enough to the surface to make the proposed drilled shaft foundations practical for the shafts will be placed in bedrock.
- 2.16 **Seismic Activity.** Maui County is classified in an earthquake risk Zone 2B (Uniform Building Code classification).<sup>11</sup> In comparison, the Island of Hawaii has the most severe risk and is classified in Zone 4. Oahu's risk is estimated to be slightly less than Maui's at 2A and Kauai has the least comparative risk at 1. The drilled shaft approach will make the highway more resistant to seismic activity at the repaired location when compared to other similar sections of the highway.
- 2.17 **Roadways and Site Access.** The site is accessed over the paved public Hana Highway.
- 2.18 **Climate.**<sup>12</sup> Average monthly temperature in the vicinity of the proposed site is between 70 to 75 degrees F (Fahrenheit). Though the Hawaiian Islands are affected by prevailing trade winds from the northeast, the proposed project site experiences winds predominantly longshore from an east south easterly direction due to the effect of the high mountain mass of Haleakala which diverts the trade winds around the island. The proposed site is in an area which receives as much as 160 inches of rainfall annually.
- 2.19 **Population.** The U.S. Census of population for Hana District was 1,855 in the year 2000. Of these, 709 people resided in Hana town [Hana CDP (Census Designated Place)]. The average age of residents in Hana District is nearly 31 years and two-thirds (of those over the age of 16) are employed. Median household income is \$50,333. Average household size is about three persons per household, which is typical for Maui.  
Population in Hana has decreased since the 1990 census when the total number of people was 1,895. Population for the years 2000 and 2010 were forecast by Maui County (in 1994) to be 2,182 and 2,472 respectively. Based on the trend of the last 10-year census data, population growth in Hana has ceased and is slightly in decline.

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<sup>11</sup>Hawaii Statewide Hazard Mitigation Forum, [www.mothernature.com](http://www.mothernature.com), 2003.

<sup>12</sup>University of Hawaii at Hilo, Department of Geography, *Atlas of Hawaii*, 1998.

### **3 Major Impacts and Alternatives Considered**

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- 3.1 **Positive significant and beneficial impacts** . Positive and beneficial impacts of the proposed project include restoration of the affected segment of highway to a more safe and reliable condition benefitting all travelers who use this roadway.
- 3.2 **Negative significant impacts.** There are no negative significant impacts of the proposed project.
- 3.3 **Alternatives considered.** The following is a discussion of the alternatives which were considered during the formulation of the recommended project.
- 3.3.1 **No-Action Alternative.** The erosion which is undercutting the highway at this location will continue. The DOT Highways Division has a legal responsibility to maintain safe and reliable roadways. Because the site of the proposed project is being undercut by earth movements, the roadway has become unreliable and potentially unsafe and must be repaired. The "no-action" alternative is therefore unacceptable.
- 3.3.2 **Preferred Alternative.** The preferred alternative includes construction of drilled shafts and a new roadway consisting of reinforced concrete overlain with asphalt concrete paving and with restoration of the existing grouted rock wall using rock racing over a reinforced concrete wall. The preferred alternative does not change the view plane from the highway.
- 3.3.3 **Alternative 1 – Slope Cutting.** The alternative of slope cutting was evaluated and would be significantly more costly, require more time and therefore cause more traffic delays, and would adversely affect the visual environment on the up-slope side of the site. The highway centerline would be re-aligned mountain-ward and acquisition of additional right-of-way would be required. Slope cutting requires removal of a significant quantity of earth and rock from the up-slope which would be tapered back to a less severe, less steep grade. The alternative is deemed infeasible for the above reasons. This alternative may also require a Conservation District Use Approval, although a highway realignment might move the proposed project out of the Special Management Area.
- 3.3.4 **Alternative 2 – Retaining Wall.** The alternative of placing a retaining wall on the downslope side of the highway at this site was evaluated and would be very costly and result in significant time delays. Placement of foundations for a retaining wall would require significant excavation and earth disturbance coupled with significant backfilling. The risks associated with construction were determined to be much higher since existing portions of the roadway would need to be removed to facilitate the installation of the wall footing. Ultimately, a longer, and modern guardrail would be required at the ends of the existing rock wall because of the lineal extent required for a solid retaining wall. The result would be a lessening of visual values from the views along the highway in either direction. The alternative is deemed infeasible for the above reasons.

## 4 Proposed Mitigation Measures

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- 4.1 **Potential problems and appropriate mitigation including best management practices.** There are no potential problems related to the proposed project. Best management practices will be applied with regards to traffic, dust and noise control, and water discharge (should any be required due to site conditions, a situation to be determined later, during detailed design and construction specification phases of the project). See **Traffic**, below for the proposed temporary mitigation measure to control traffic.
- 4.2 **Mitigation or preservation plan prepared for the Department of Land and Natural Resources State Historic Preservation Division** Although this site of the proposed project is in an historic district, there would be no impact of the proposed project on the historic values of the district. Therefore no mitigation plan is required or proposed.
- 4.3. **Environmental Factors.**
- 4.3.1 **Aesthetics and view planes.** The project will result in no significant change in the visual environment. The only un-natural view object in the immediate vicinity of vehicular passengers is the grouted rock wall and it will be restored. No mitigation is required.
- 4.3.2 **Air quality.** Existing air pollution at the project site is minimal. There are no stationary sources of air pollution in the area. Construction activities and operation of heavy vehicles and equipment at the project site will generate temporary dust and pollution emissions. These impacts will cease when construction is complete. To mitigate impacts on air quality caused by the project activities, dust control measures will be undertaken by the project contractor. Such measures will include the use of dust screens and water sprinkling as necessary to minimize levels of fugitive dust. To minimize exhaust emissions, project contractors will properly maintain their internal combustion engines and comply with DOH Administrative Rules (Title 11, Chapters 59 and 60 regarding Air Pollution Control). There would be no long term effects because the proposed project includes no air pollution sources and would not generate significant differences in traffic from the existing conditions. No mitigation is required.
- 4.3.3 **Traffic.** There will be impacts to traffic during construction. In public information meetings held by DOT, the residents and businesses requested that daytime road closures be minimized. Night road closures were generally acceptable to the affected residents and business owners.

Due to the extremely constricted work area, for construction and public safety reasons, it is infeasible to keep the roadway partially open at all times. Certain work activities will require complete road closures during daylight hours so that the work can be done in a safe manner. Such activities would include: excavating for the reinforced road slab, installing reinforcing steel, and placing concrete for the concrete road slab. To reduce traffic impacts, complete daytime road closures will be allowed for these activities only and the proposed road closure hours are shown in Table 1A below.



No lane or Road Closures	4:30 AM to 8:30 AM
One lane or partial road closure, 20-minute maximum waiting time	8:30 AM to 11:30 PM
Complete Road Closures	11:30 AM to 3:30 PM
No lane or Road Closures	3:30 PM to 9:30 PM
Complete Road Closure	9:30 PM to 4:30 AM

Once construction work for the reinforced roadway slab is completed, complete daytime road closures will not be allowed and this requirement will be stated in the construction contract. Road closures involving contra-flow traffic with a 20-minute maximum waiting time will be allowed in the daytime. Table 1B shows the proposed road closure hours for all other activities excluding construction of the reinforced roadway slab.

No lane or Road Closures	4:30 AM to 8:30 AM
One lane or partial road closure, 20-minute maximum waiting time	8:30 AM to 3:30 PM
No lane or Road Closures	3:30 PM to 9:30 PM
Complete Road Closure	9:30 PM to 4:30 AM

Traffic control and construction hour limitations will be accompanied by signs, public notices, 24-hour telephone information line, and media releases.

Emergency response vehicles will be allowed to traverse the construction site at all times.

- 4.3.4 **Noise levels.** No significant or long-term impacts in ambient noise levels to surrounding communities will occur. Communities are approximately 0.5 miles or more from the project site. There will be some increase in noise levels during construction of the project which will occur during the working hours shown in the above tables). Contractor's equipment is required to meet State Department of Health noise regulations (Title 11, Chapter 46, "Community Noise Control"). No mitigation is required.
- 4.3.5. **Effects on water quality.** The project will have no significant effect on water quality because there are no significant discharges related to the project. No mitigation is required.
- 4.3.6 **Other environmental effects.** The site is located at an elevation above identified flood hazard areas. No mitigation is required.
- 4.3.7 **Flora.** The proposed project will not impact threatened or endangered flora because there are none at or near the project site. No mitigation is required.
- 4.3.8 **Fauna.** The proposed project will not impact threatened or endangered fauna because there are none at or near the project site. No mitigation is required.
- 4.3.9 **Soils.** There will be little disturbance of soil due to the proposed method of foundation construction, drilled shafts.
- 4.3.10 **Water Quality.** There are no perennial streams, wetlands or aquifers in the project area. No mitigation is required.

- 4.3.11 **Historical, archeological and cultural sites.** Although the proposed project is located within an historic district, it will have no effect on that district. No mitigation is required.
- 4.3.12 **Sensitive habitats or bodies of water adjacent to the proposed project.** There are no sensitive habitats or bodies of water adjacent to the proposed project. No mitigation is required.
- 4.3.13 **Flood Zone.** According to the Federal Emergency Management Agency Flood Insurance Rate Map, the site is in Zone X (areas outside the 500 year flood plain). No mitigation is required.
- 4.3.14 **Seismic Activity.** The project site is located on the Island of Maui which has been designated as an area of seismic activity Zone 2B (Uniform Building Code, previously referenced). The drill shaft foundation design proposed will provide an improved and stable segment of the highway at the site.
- 4.3.15 **Environmental Justice.** Federal Executive Order (EO) 12898 regarding Environmental Justice requires that federal agencies take appropriate steps to identify and avoid disproportionately high and adverse effects of federal projects on the health and welfare of minority and low-income populations. Because there is no federal participation (funding or sponsorship) for this project, compliance with EO 12898 is not required for this EA. Neither the proposed project nor the temporary mitigation (construction hours) proposed will adversely affect low-income or minority populations. Road closures during construction may potentially impact minority or low-income populations who reside in, or travel to Hana from other Maui areas, though such effects would not seem to disproportionately affect minorities or low-income populations in a different fashion from any other users of Hana Highway. The road closures will be of short-term duration and will last only for the life of the project. Periodic opening of the roadway during daytime hours will allow for travel along Hana Highway at specific times. No other negative impacts, long-term or cumulative, are anticipated.

## 5 Expected Determination

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- 5.1 **Finding of No Significant Impact (FONSI).** The proposed project will not have significant effect on the environment and therefore preparation of an environmental impact statement is not required. This document constitutes a Notice of Negative Declaration/Finding of No Significant Impact for the proposed project. This determination was based on review and analysis of the "Significance Criteria" in Section 11-200-12 of the Hawaii Administrative Rules, as documented below.
- 5.2 **Findings and reasons supporting the determination including justifying evidence.**
- 5.2.1 *No irrevocable commitment to loss or destruction of any natural or cultural resource would result.* Although Hana Highway is a listed site on the State and National registers of Historic Places, the proposed project would not alter the site or view planes from the highway and there will be no effect. The State Historic Preservation Division concurs with this finding and has stated that architecturally there are "no adverse effects".<sup>13</sup>
- 5.2.2 *The proposed project would not curtail the range of beneficial uses of the environment.* The proposed project will not affect the beneficial uses of the existing environment which will not change from its present use as a highway.
- 5.2.3 *The proposed project would not conflict with the state's long-term environmental policies or goals and guidelines.* The state's environmental policies and guidelines as set forth in Chapter 344, Hawaii Revised Statutes, "State Environmental Policy", encompass two broad policies: conservation of natural resources, and enhancement of the quality of life. The proposed project would not significantly conflict with the state's environmental policies and quality of life would be maintained or enhanced through availability of reliable and safe transportation opportunities.
- 5.2.4 *The proposed project will improve the economic and social welfare of the community and the state.* Maintenance of a reliable highway contributes to the economic and social welfare of the community and of the state.
- 5.2.5 *The proposed project would not substantially affect public health.* The proposed improvements may benefit public health by maintaining a reliable and safe highway.
- 5.2.6 *No substantial secondary impacts, such as population changes or effects on public facilities, are expected.* The project maintains the reliability of the existing highway and does not cause substantial secondary impacts.
- 5.2.7 *No substantial degradation of environmental quality is expected due to the proposed project.* Construction activities will have some effect on traffic and a temporary (during construction) mitigation will be implemented.
- 5.2.8 *No cumulative effect on the environment or commitment to larger actions will be involved.* The project has no cumulative effect on the environment or commitment

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<sup>13</sup>DLNR, SHPD, letter to DOT, September 23, 2003, reproduced in the Appendix to this EA.

to larger actions. The project is a stand-alone project and not the first in a series of projects. The need for this project was unplanned. It is essentially a repair and maintenance activity within the existing highway right-of-way.

- 5.2.9 *No rare, threatened or endangered species or their habitats are affected.* No impacts are anticipated on any candidate, proposed or listed endangered species or their habitats. There are no known threatened/endangered species or their habitats within the project limits.
- 5.2.10 *The proposed project will not detrimentally affect air or water quality or ambient noise levels.* Construction activities may cause short-term impacts to air or noise quality, although there are no residences near the project. All state and county rules regarding construction practices will be adhered to.
- 5.2.11 *The proposed project will not detrimentally affect environmentally sensitive areas such as flood plains, tsunami zones, beaches, erosion-prone areas, geologically hazardous lands, estuaries, fresh waters or coastal waters.* The proposed project is not in a flood or tsunami area, is not near a beach, is not in a geologically hazardous area, is not near an estuary, fresh or coastal waters. There will be no detrimental impacts in environmentally sensitive areas because there is no change in highway alignment or right-of-way.
- 5.2.12 *The proposed project will improve scenic vistas and view planes identified in county or state plans or studies.* A major factor in designation of the Hana Highway was because of the scenic vistas from the roadway. The proposed project will not alter any scenic vistas or view planes.
- 5.2.13 *There will be no requirement for substantial energy consumption.* Construction of the project will not require substantial energy consumption.

## **6 Identification of Agencies, Organizations and Individuals Consulted; Permits or Approvals Required**

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A copy of the draft environmental assessment has been sent to each of the following.

- 6.1 State of Hawaii.**
  - 6.1.1 Department of Land and Natural Resources (DLNR). DLNR must review this project for consistency with uses allowed in the Conservation District Resource Subzone.  
  
DLNR, State Historic Preservation Division. The Division must review this project for consistency with the designation of Hana Highway as an Historic District.
  - 6.1.2 Department of Health (DOH). Coordination with the Office of Environmental Quality Control has occurred through use of their guidelines for preparation of this environmental assessment.
  - 6.1.3 Department of Hawaiian Homes Lands (DHHL). Clients of the Department use Hana Highway.
  - 6.1.4 Department of Transportation, Highways Division (DOT). The Division has jurisdiction over work in roadways.
  - 6.1.5 Office of Hawaiian Affairs (OHA). OHA is an agency which may have comment regarding Hawaiian interests.
  - 6.1.6. Office of Environmental Quality Control. OEQC is responsible for distribution of the draft EA public notice.
  - 6.1.7. University of Hawaii, Environmental Center. The Center is responsible for obtaining comments from the University community regarding the proposed project.
  - 6.1.8. Department of Health, Emergency Medical Services. The Department has responsibility for ambulances which may use Hana Highway.
  - 6.1.9 Department of Education. The Department has responsibility for school buses which may use Hana Highway.
- 6.2 County of Maui.**
  - 6.2.1 Department of Planning (DP). The Department has responsibility for the Special Management Area.
  - 6.2.3 Department of Public Works and Environmental Management (DPWEM). The Department has responsibilities for county highways and for the Hana Bridges Preservation Plan.
  - 6.2.4 Police Department (PD). The Department has responsibility for traffic on Hana Highway.

- 6.2.5 Fire Department. The Department has responsibility for emergency services which may use Hana Highway.
- 6.2.6 Civil Defense. The Department has responsibility disaster preparedness which may require use of Hana Highway.
- 6.3 **United States Government.**
  - 6.3.1 U.S. Fish and Wildlife Service (USFWS). The USFWS has jurisdiction under the Endangered Species Act to assure that there are no adverse impacts on listed, threatened or endangered species of flora or fauna.
- 6.4 **Community, Organizations and Individuals.**
  - 6.4.1 Hana Community Association.
  - 6.4.2 County Council Member Robert Carrol, East Maui Council District.
  - 6.4.3 State Representative Sol P. Kaho`ohalahala, 13<sup>th</sup> Representative District.
  - 6.4.4 State Senator Kalani J. English, 6<sup>th</sup> Senate District
  - 6.4.5 Public Libraries: Hana Public and School Library, State Main Library.
  - 6.4.6 Maui County Council, Hana Council Office
- 6.5 **Public Involvement Prior to Preparation of the Environmental Assessment.** A Draft EA was published for the projects under the *Hana Highway Rockfall Mitigation, Huelo to Hana* (February 2003) and a series of public meetings were held to discuss those projects, one of which is in the vicinity of MP 19 as is the proposed project in this EA.<sup>14</sup>
- 6.6 **Permits or Approvals Required.** The following table summarizes the permits or approvals required for the proposed project. A permit for "Work Within State Highway Right-of-way" is required from the Highways Division, State of Hawaii. An approval from the State Historic Preservation Division for construction in an Historic District is required. A determination from the County of Maui Planning Department is required regarding the potential requirement for preparation of a Permit Application for the project which is partially within an SMA (Special Management Area). An NPDES permit for construction site storm water runoff is not required because the site is less than one acre in area. Also, construction dewatering is not anticipated for this project and moreover, there are no state waterways in which dewatering discharges would be made so that it appears that an NPDES discharge permit for dewatering is not necessary and if the discharge is to an open field and not to a state-regulated waterway.

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<sup>14</sup>Honolulu Advertiser, "Safer Road to Hana Proposed", February 25, 2003.

Table 2 – Permits, Approvals and Reviews	
Permit or Approval	Agency
Permit – Work Within State Highway Right-of-way	DOT, Highways Division
Approval – Historic District	DLNR, Historic Preservation Division
SMA Assessment Determination – SMA (Special Management Area)	Planning Department, Maui County
Permit Determination – CDUP (Conservation District Use Permit)	DLNR, Land Use Division. Because the entire project is within the existing highway right-of-way, it may be that a CDUP will not be required. However, a determination has been requested from DLNR.

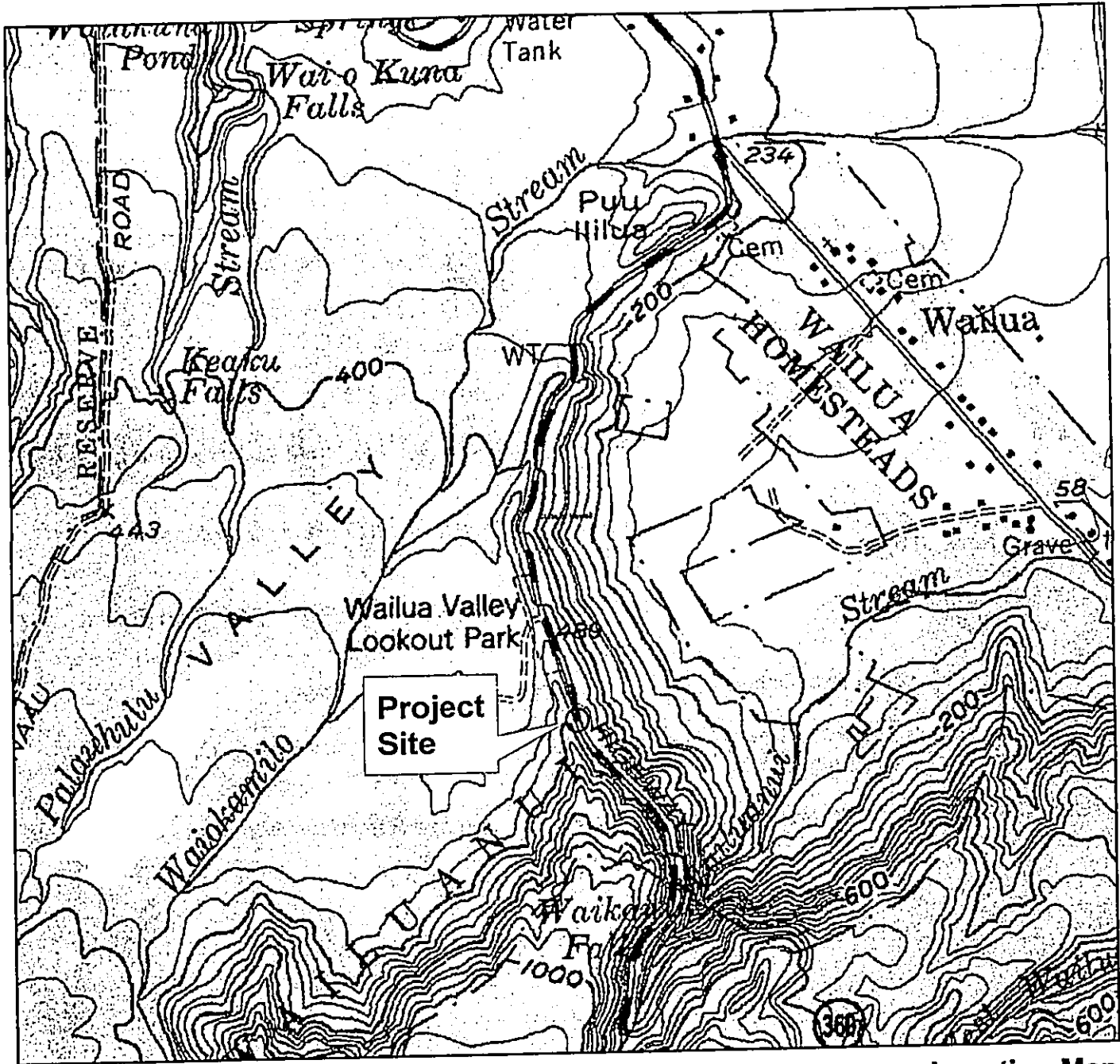
6.7 **Public Review and Comments on the Draft Environmental Assessment.** This Final Environmental Assessment incorporates comments received during public and agency review of the Draft Environmental Assessment which was published on July 8, 2003 in the OEQC Environmental Notice and the 30-day comment period ended on August 7, 2003. Copies of correspondence prior to publication of the Draft EA and in response to the Draft EA are in the Appendix.

## References

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- County of Maui, *General Plan 2000*, Internet web site, February 2003
- County of Maui, *Hana Community Plan*, Internet web site, February 2003.
- County of Maui, Department of Public Works and Environmental Management, *Final Preservation Plan for County of Maui Bridges Within the Hana Highway Historic District*, prepared by Wilson Okamoto and Associates, Inc., December 2001.
- Hawaii Statewide Hazard Mitigation Forum, [www.mothernature.com](http://www.mothernature.com), 2003.
- Honolulu Advertiser, "Safer Road to Hana Proposed", February 25, 2003.
- State of Hawaii, Department of Business, Economic Development and Tourism, *1999 State Data Book*.
- State of Hawaii, *Hana Highway Rockfall Mitigation, Huelo to Hana Draft Environmental Assessment*, prepared by M&E Pacific, Inc., February 2000
- State of Hawaii, University of Hawaii, *Atlas of Hawaii*, Second Edition (1973 ) and Third Edition (1998).
- University of Hawaii at Hilo, Department of Geography, *Atlas of Hawaii*, 1998.
- University of Hawaii, Hawaii Natural Heritage Program, *Rare Species and Natural Communities Hana Highway*, June 2003.
- U. S. Federal Emergency Management Agency, *Flood Insurance Rate Maps*, from State GIS.

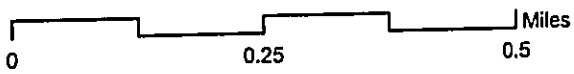




Location Map

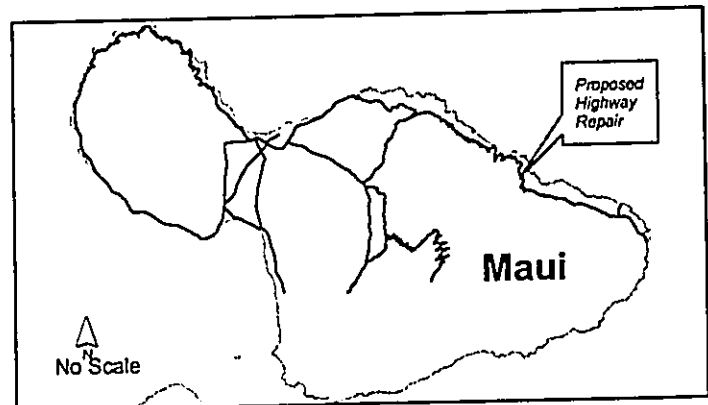
Figure 1

HANA HIGHWAY REPAIR



Base Map  
 State GIS &  
 USGS 7.5 Min. Quad. "Keanae"

Prepared by:  
 Eugene P. Dashiell, AICP  
 Environmental Planning Services  
 Honolulu



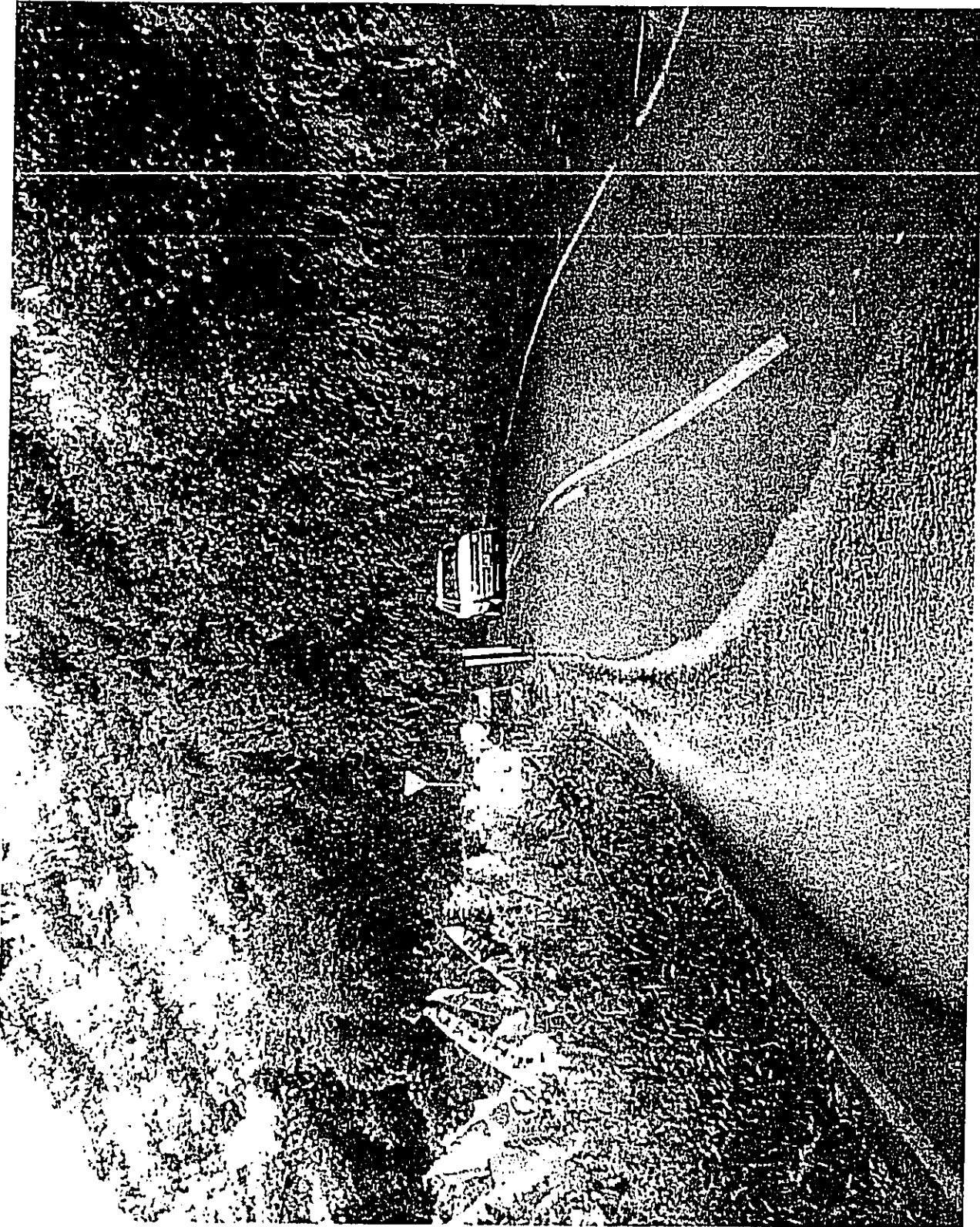
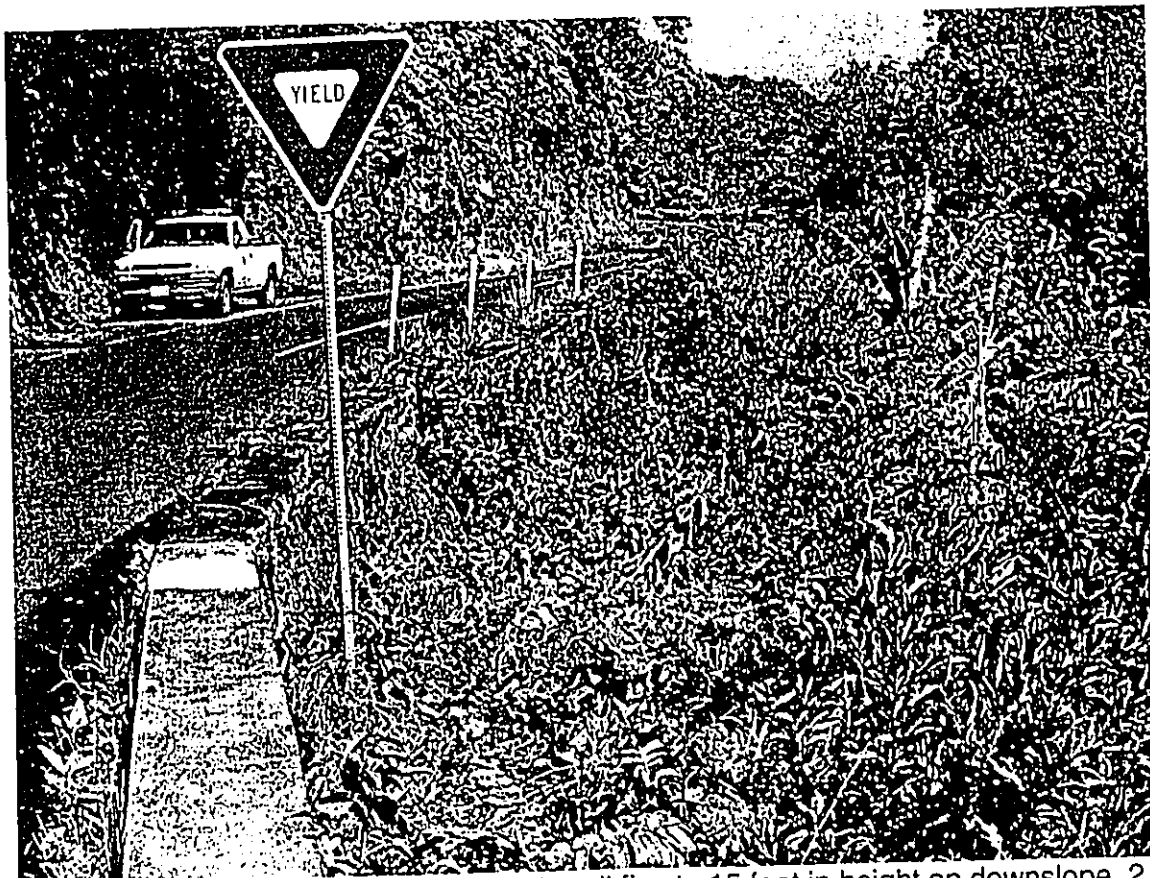


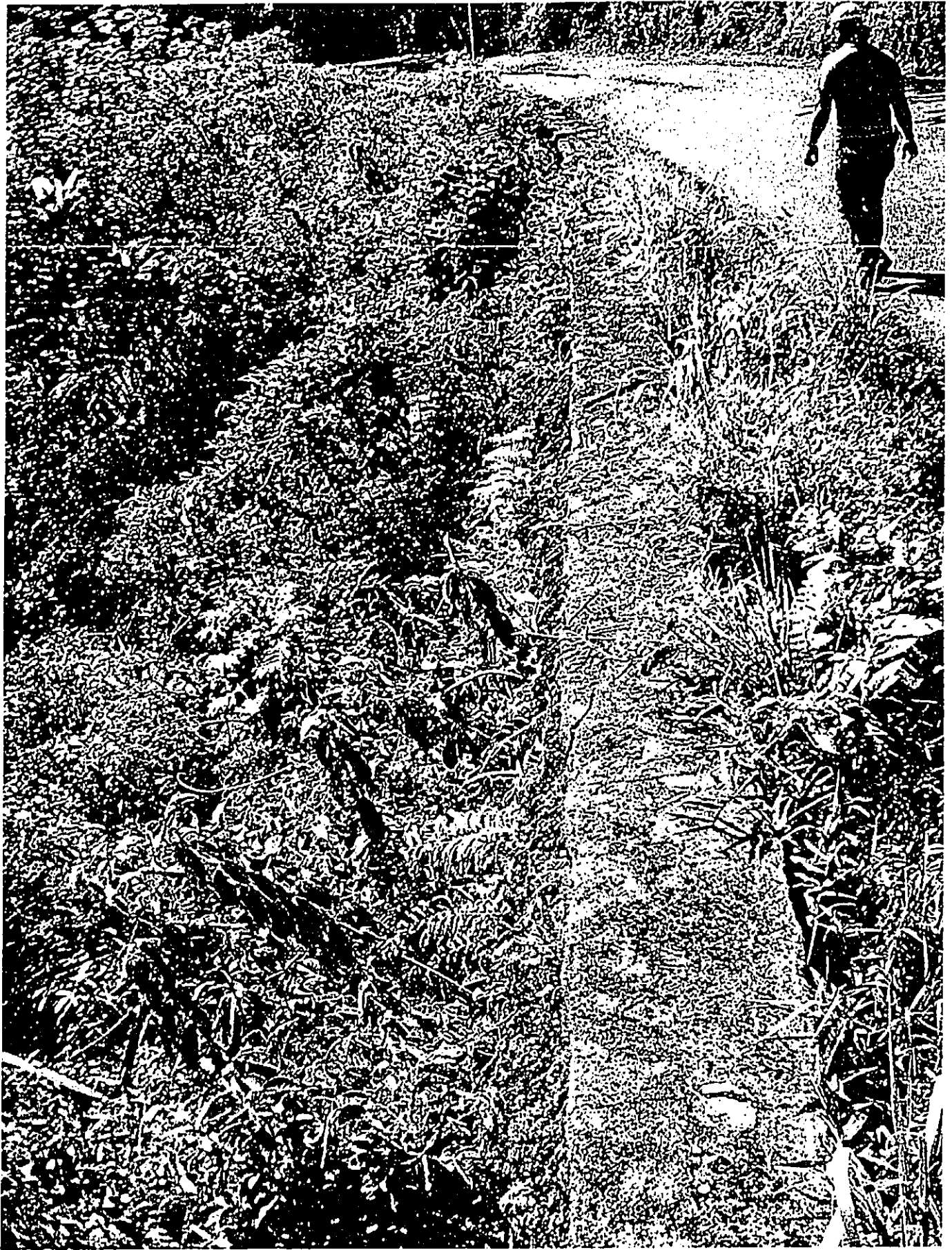
Figure 2. Hana Highway Repair Project Site. Looking south towards Hana from Keanae. Note vertical markers directing cars away from downslope edge of highway. Grouted rock wall (left of photo) to be restored after concrete work is completed. Dotted lines approximate top of wall.



View of site, looking northeast towards Keanae, ocean in background. Note temporary pylons to direct traffic away from hazard area. Grouted rock wall two feet in height on highway side. Photo courtesy of DOT.

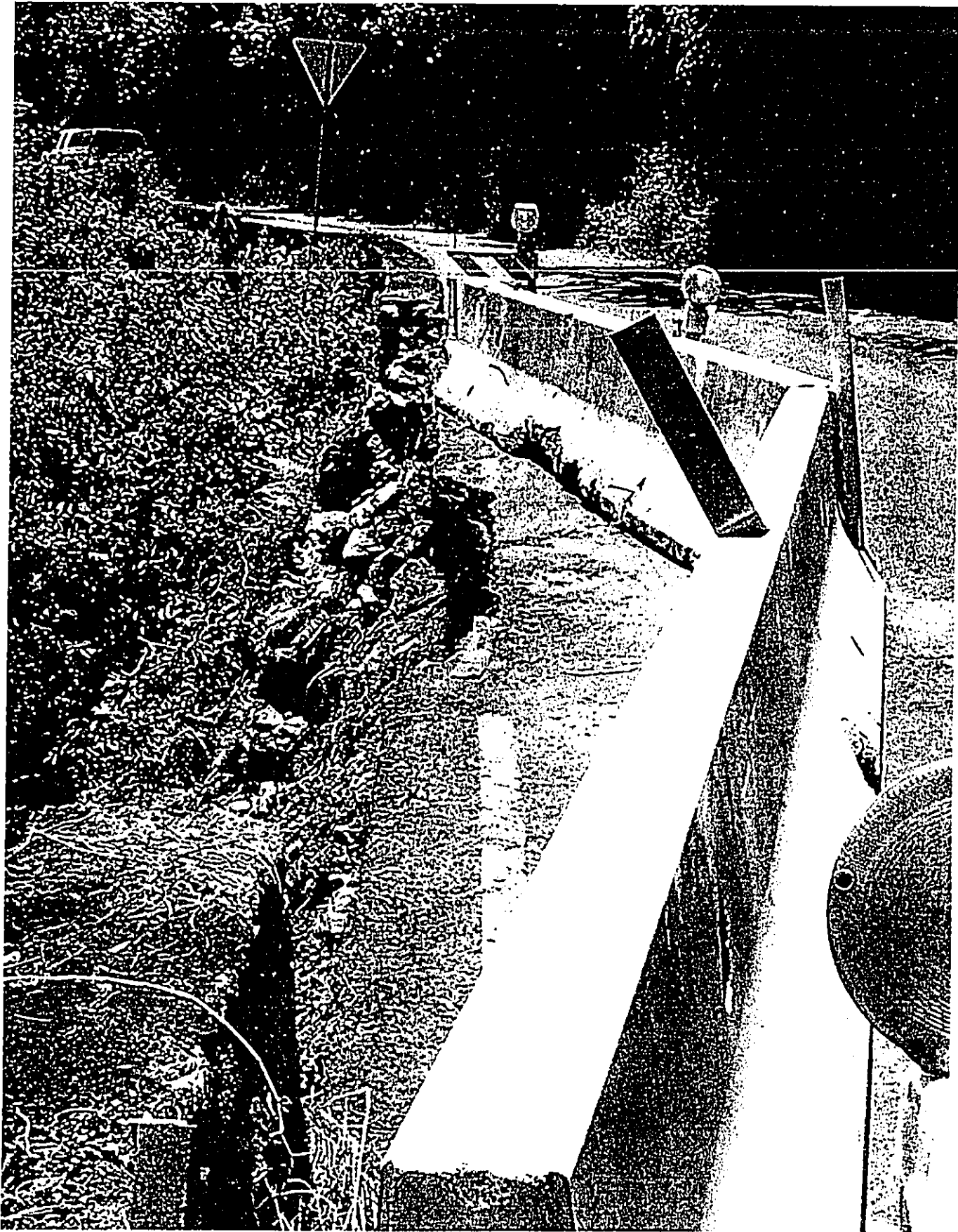


View of site, looking north. Grouted rock wall five to 15 feet in height on downslope, 2 feet high on roadway side of wall and 1.5 feet wide, with concrete cap. Photo courtesy of DOT.



View of site looking south, note slumping of rock wall. Photo courtesy of DOT.

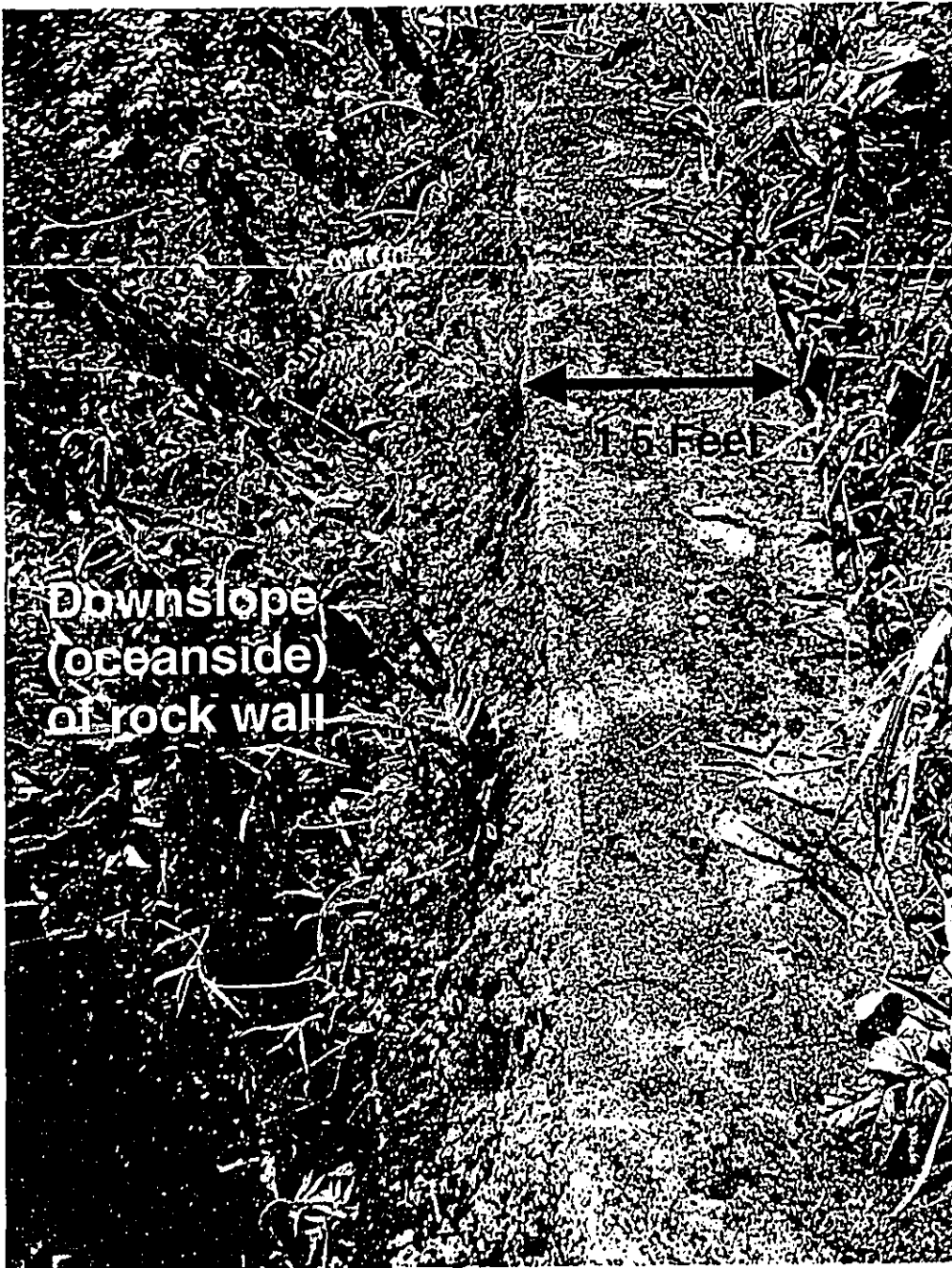




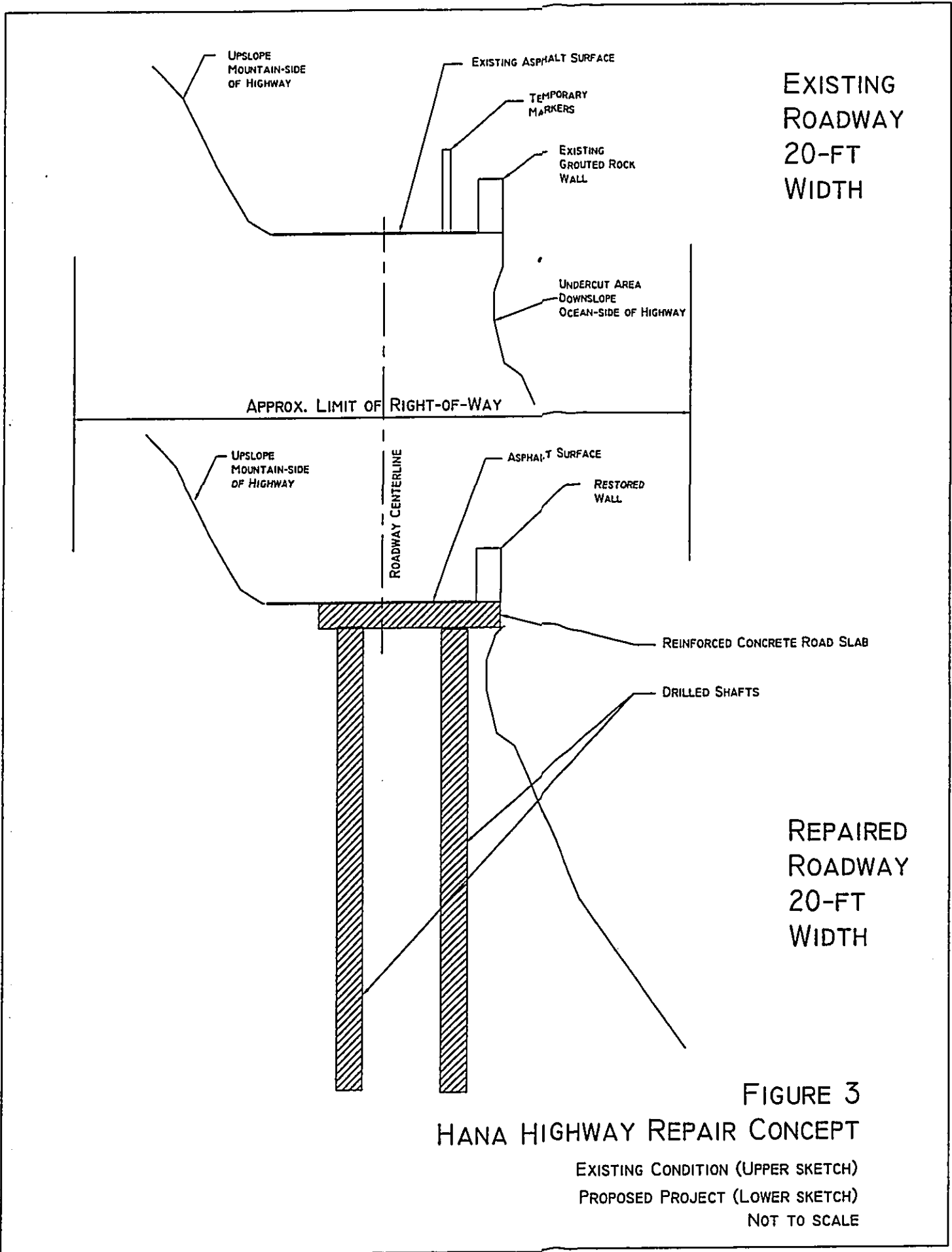
View of same location after collapse of rock wall in early August 2003. Photo courtesy of DOT.



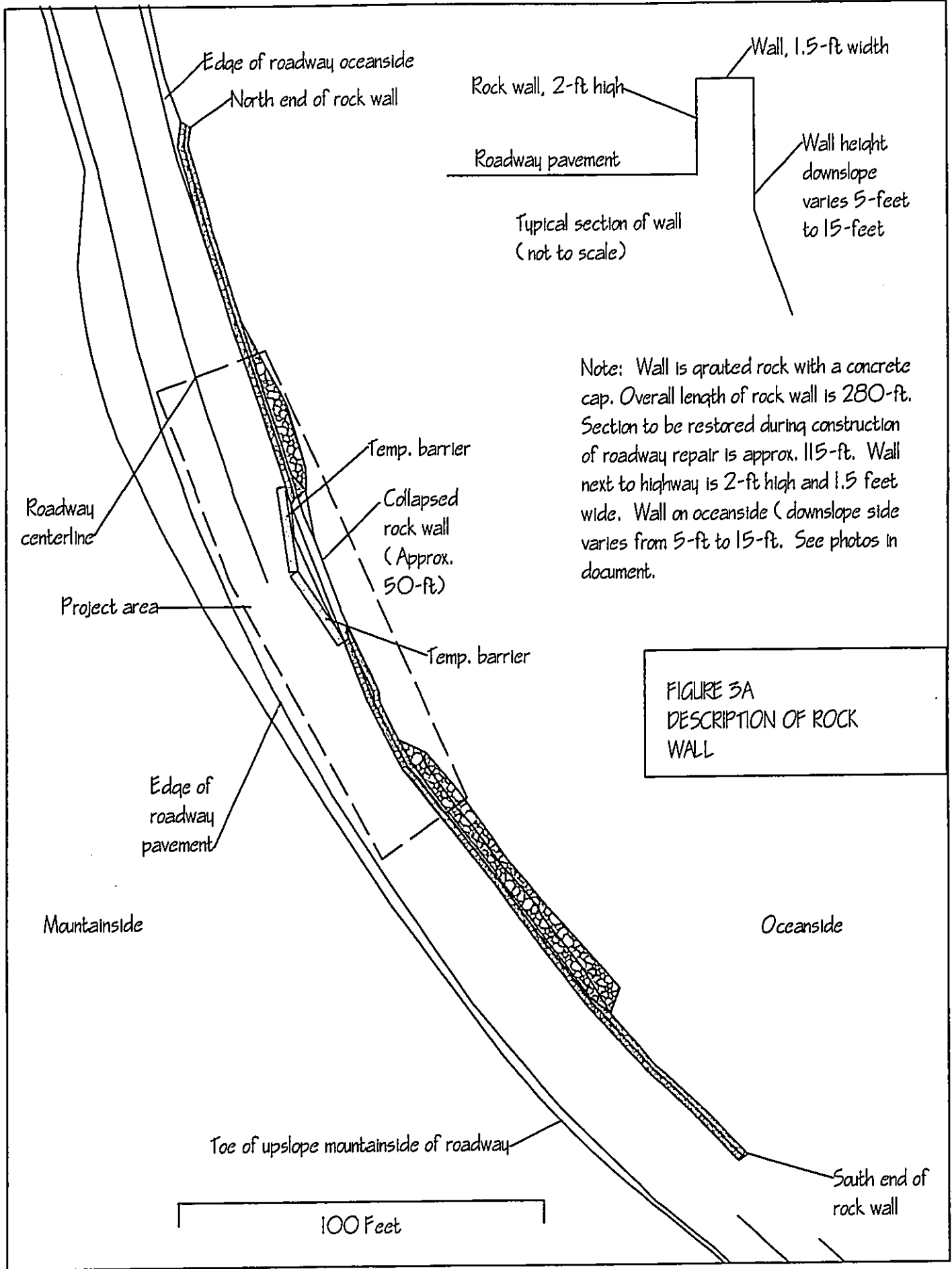
View of collapsed area, looking from Hana end of rock wall. Photo courtesy of DOT.



Top of wall, 1.5 feet in width, with concrete cap on top. Photo courtesy of DOT.

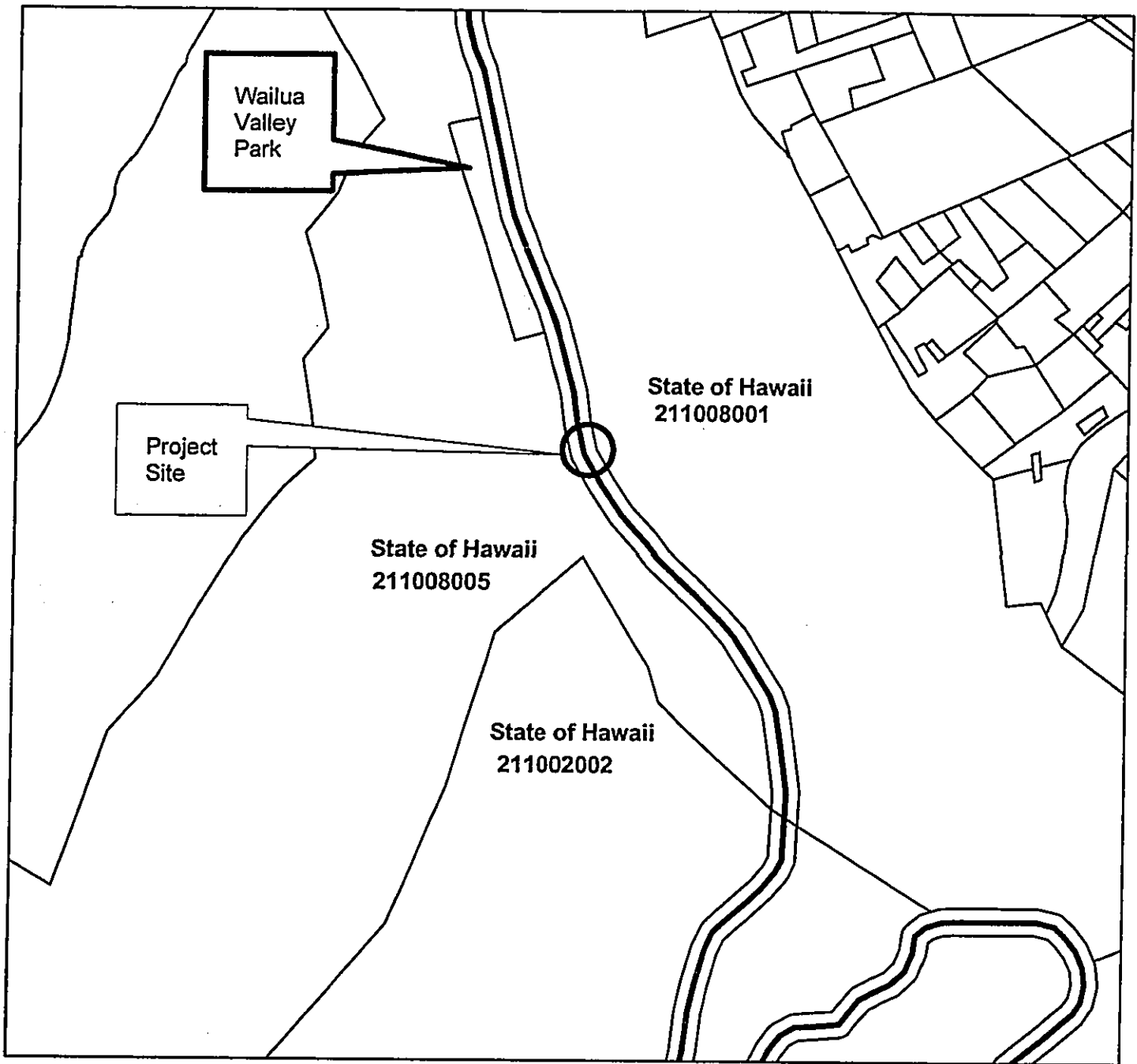






Note: Wall is grouted rock with a concrete cap. Overall length of rock wall is 280-ft. Section to be restored during construction of roadway repair is approx. 115-ft. Wall next to highway is 2-ft high and 1.5 feet wide. Wall on oceanside (downslope side varies from 5-ft to 15-ft. See photos in document.

FIGURE 3A  
DESCRIPTION OF ROCK  
WALL



**TMK and Ownership**

**Figure 4**

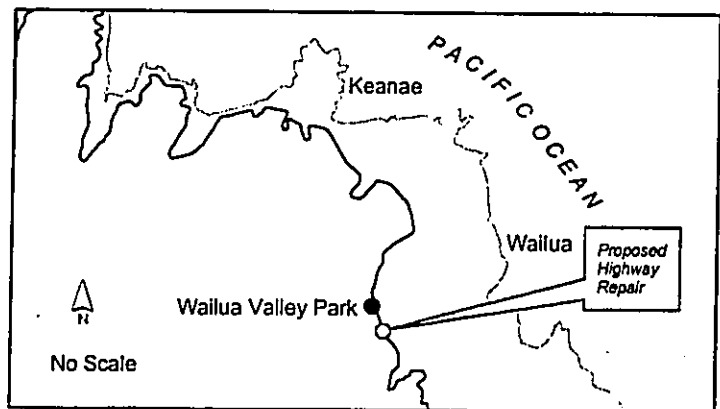
**HANA HIGHWAY REPAIR**

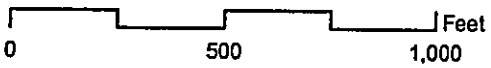
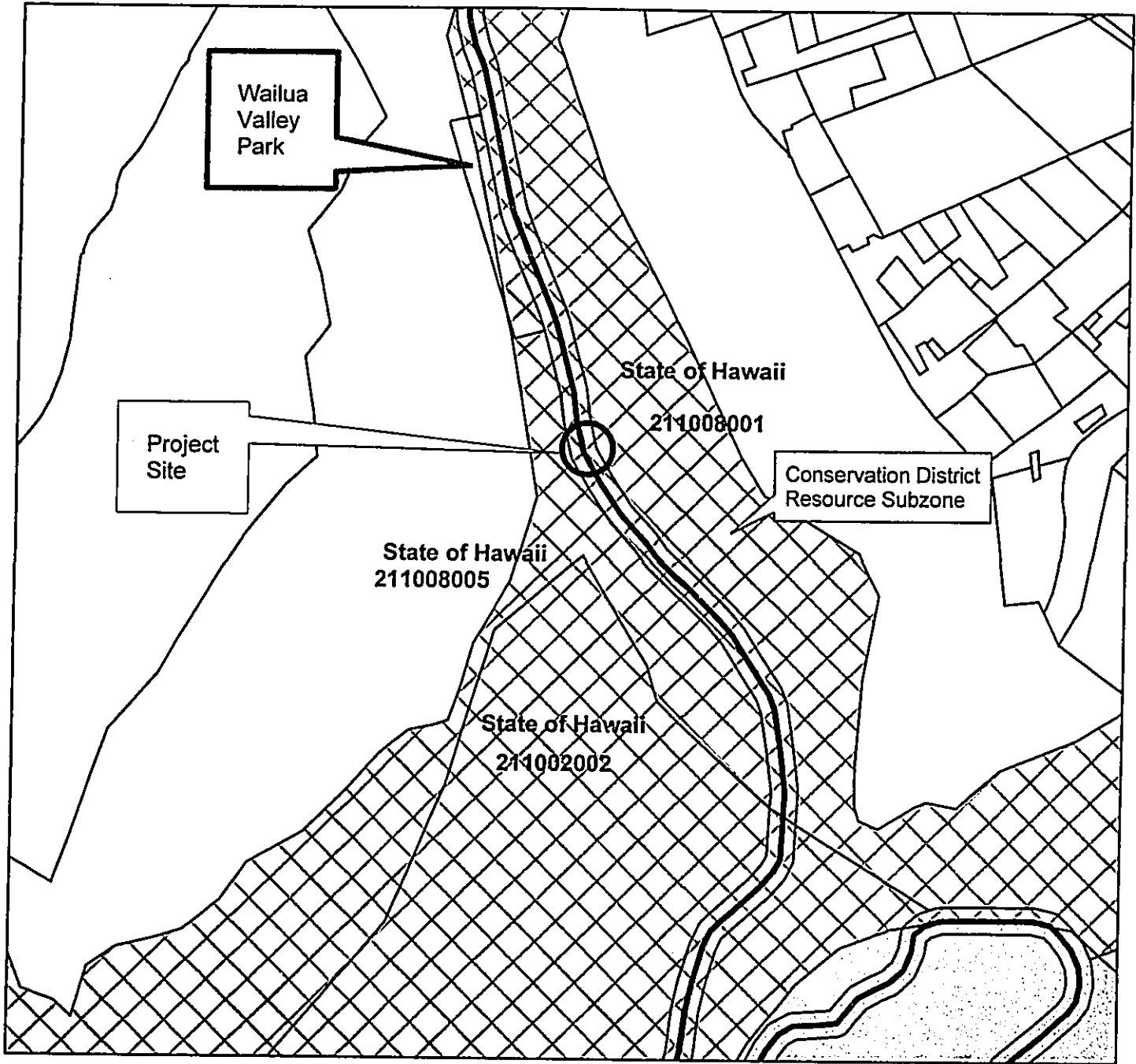
0 500 1,000 Feet



Base Map  
State GIS &  
TMK (GDSI)

Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu





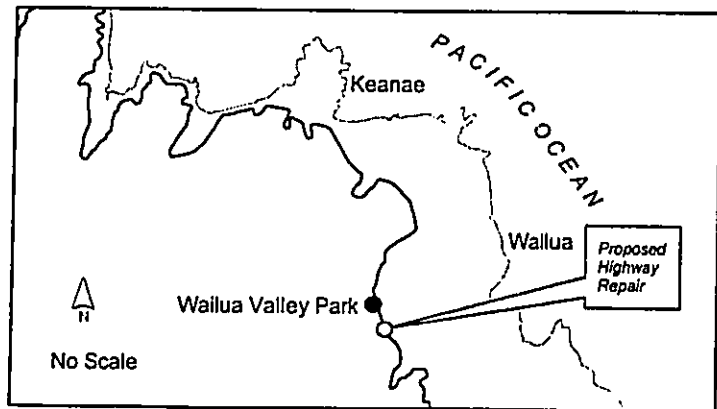
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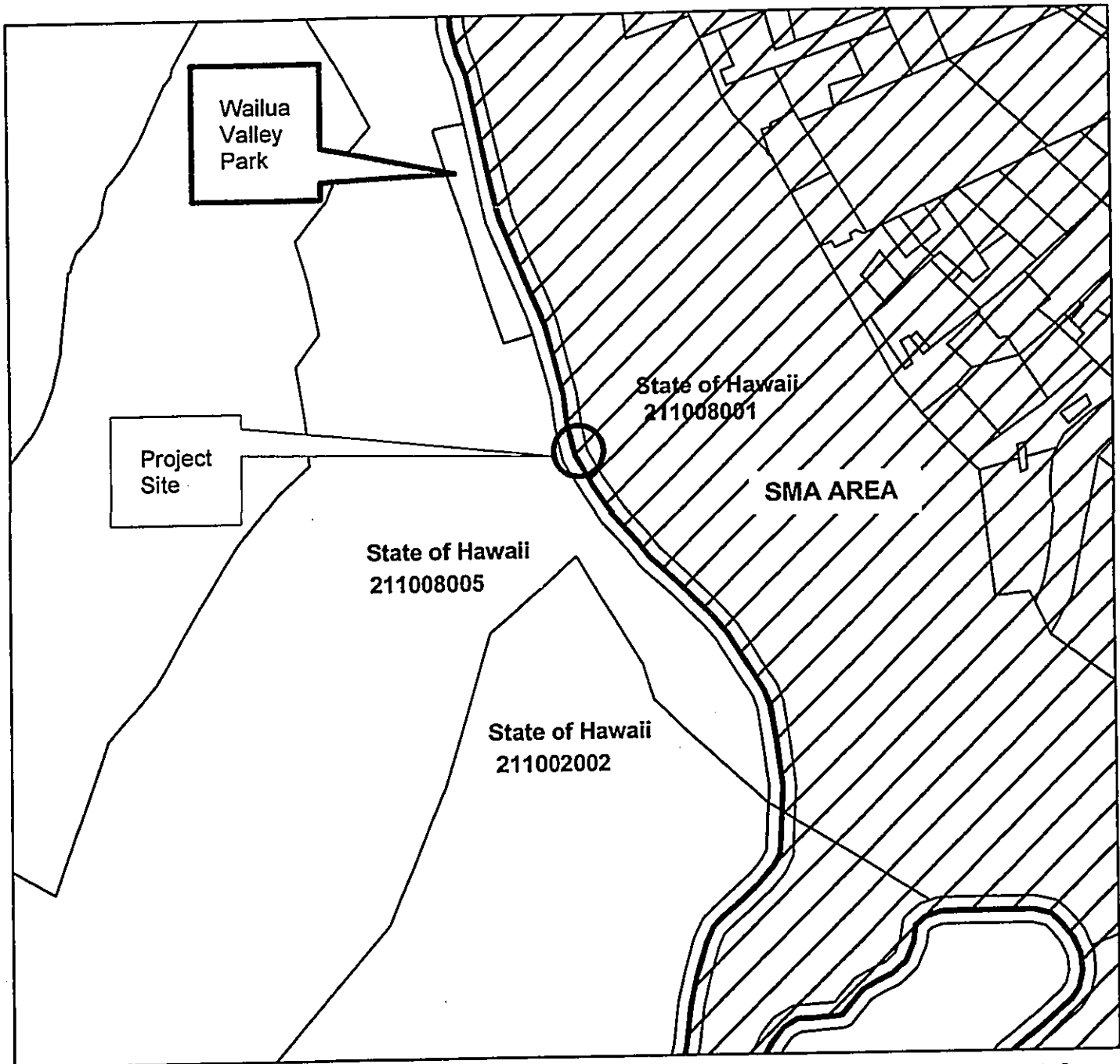
Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu

**State Land Use Districts**

**Figure 5**

**HANA HIGHWAY REPAIR**

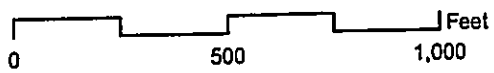




**Special Management Area**

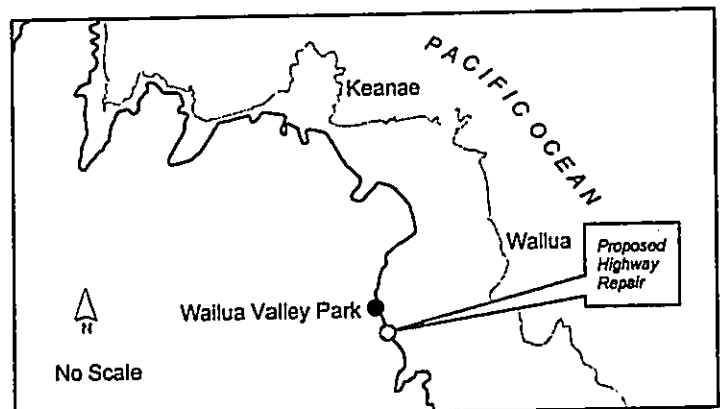
**Figure 6**

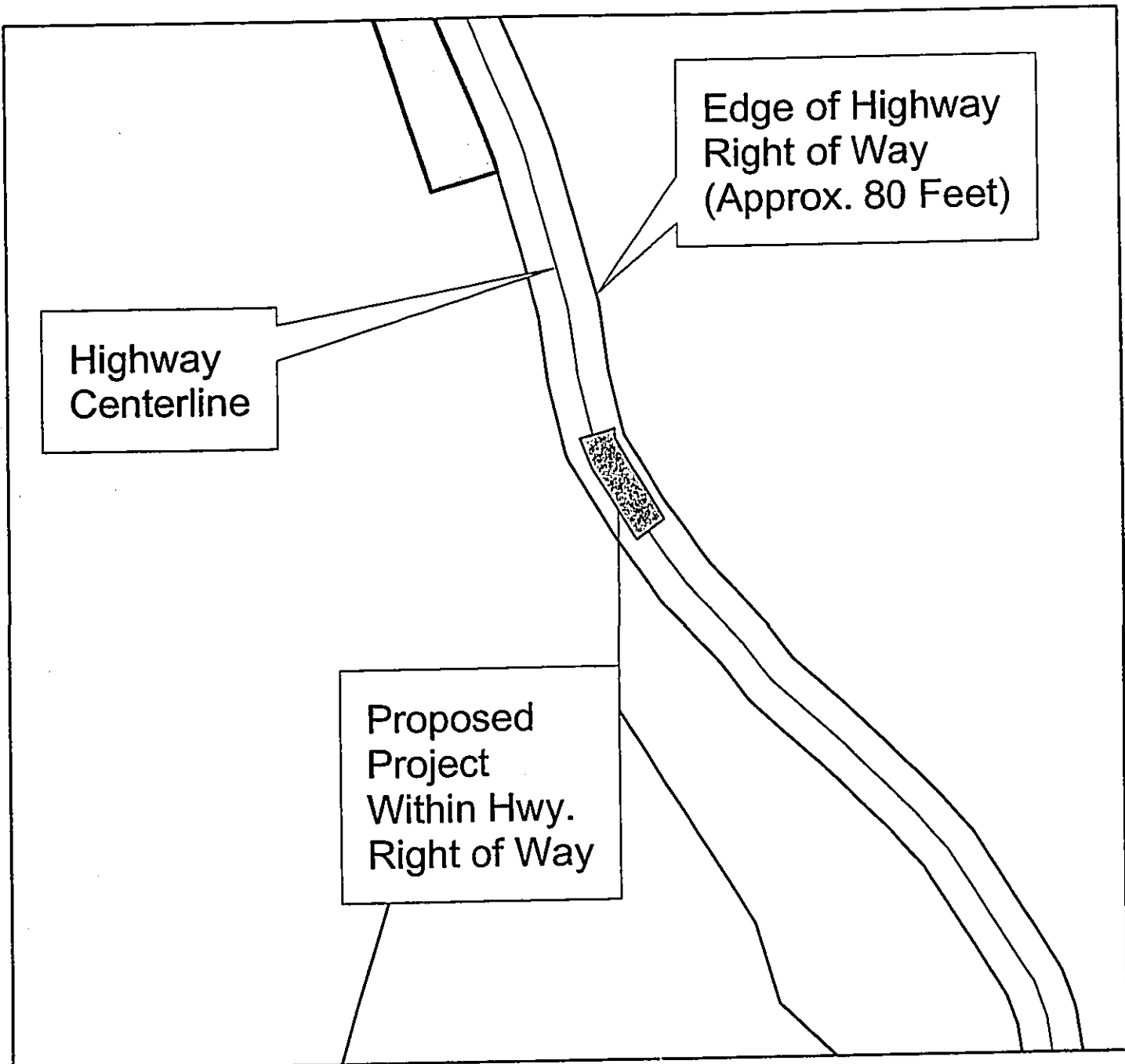
**HANA HIGHWAY REPAIR**



Base Map  
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Honolulu

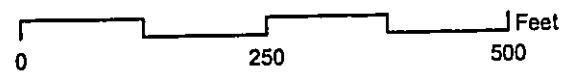




**Proposed Project & Highway ROW**

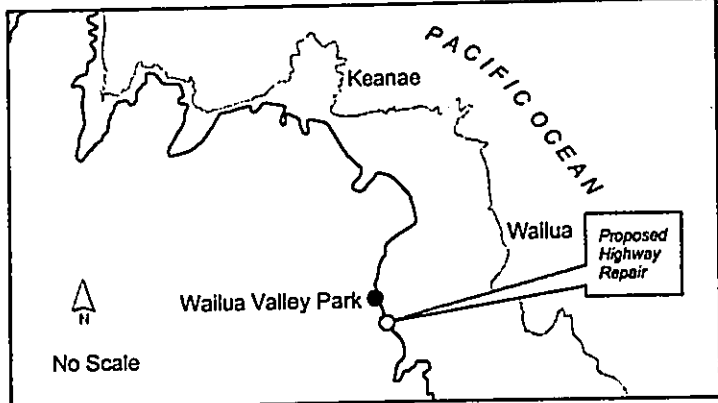
**Figure 7**

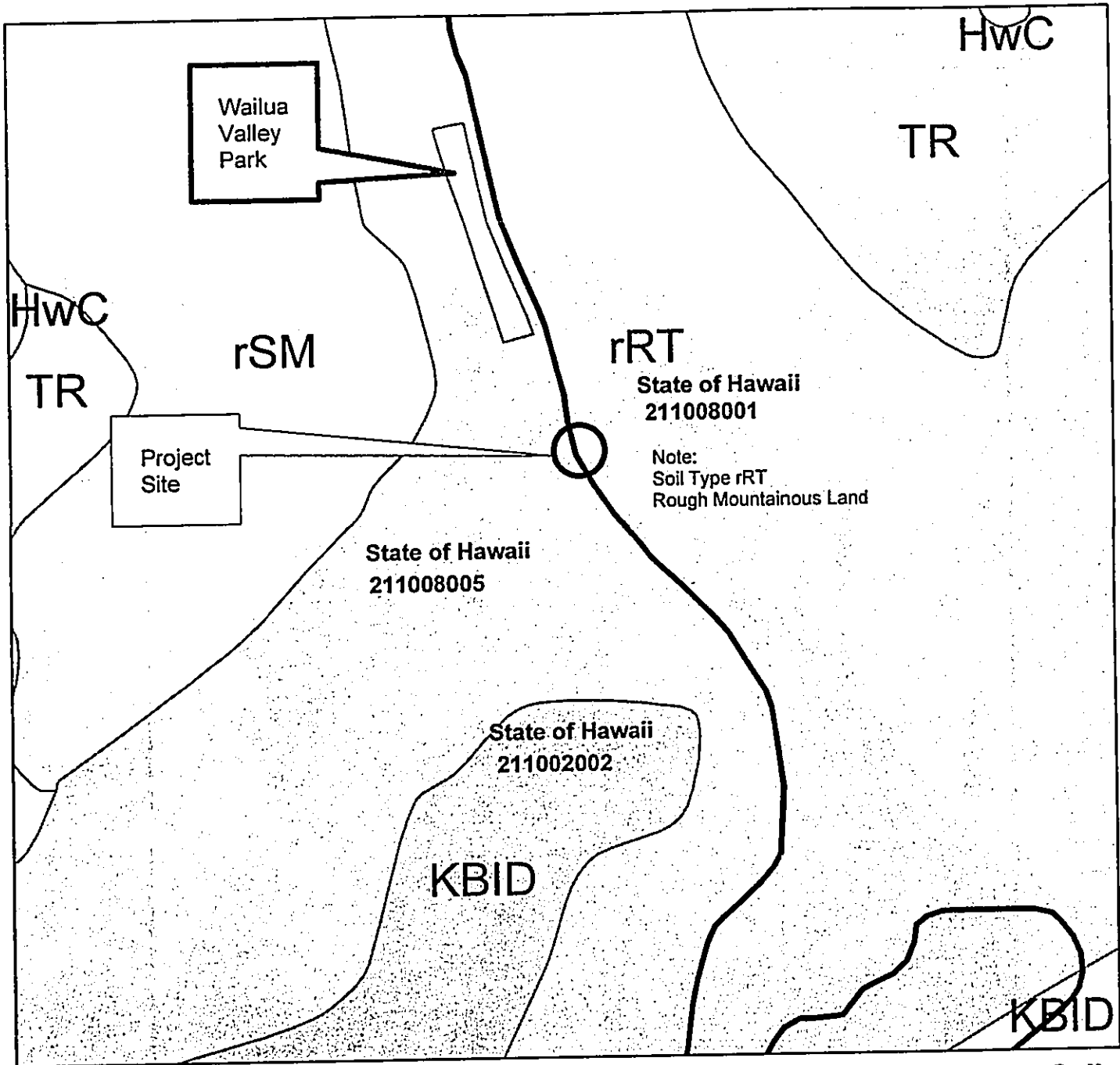
**HANA HIGHWAY REPAIR**



Base Map  
State GIS &  
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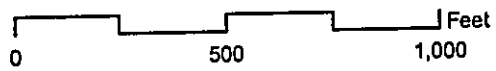




Soils

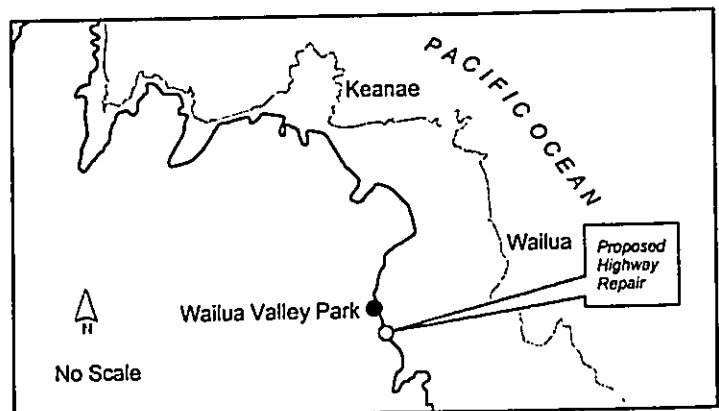
Figure 8

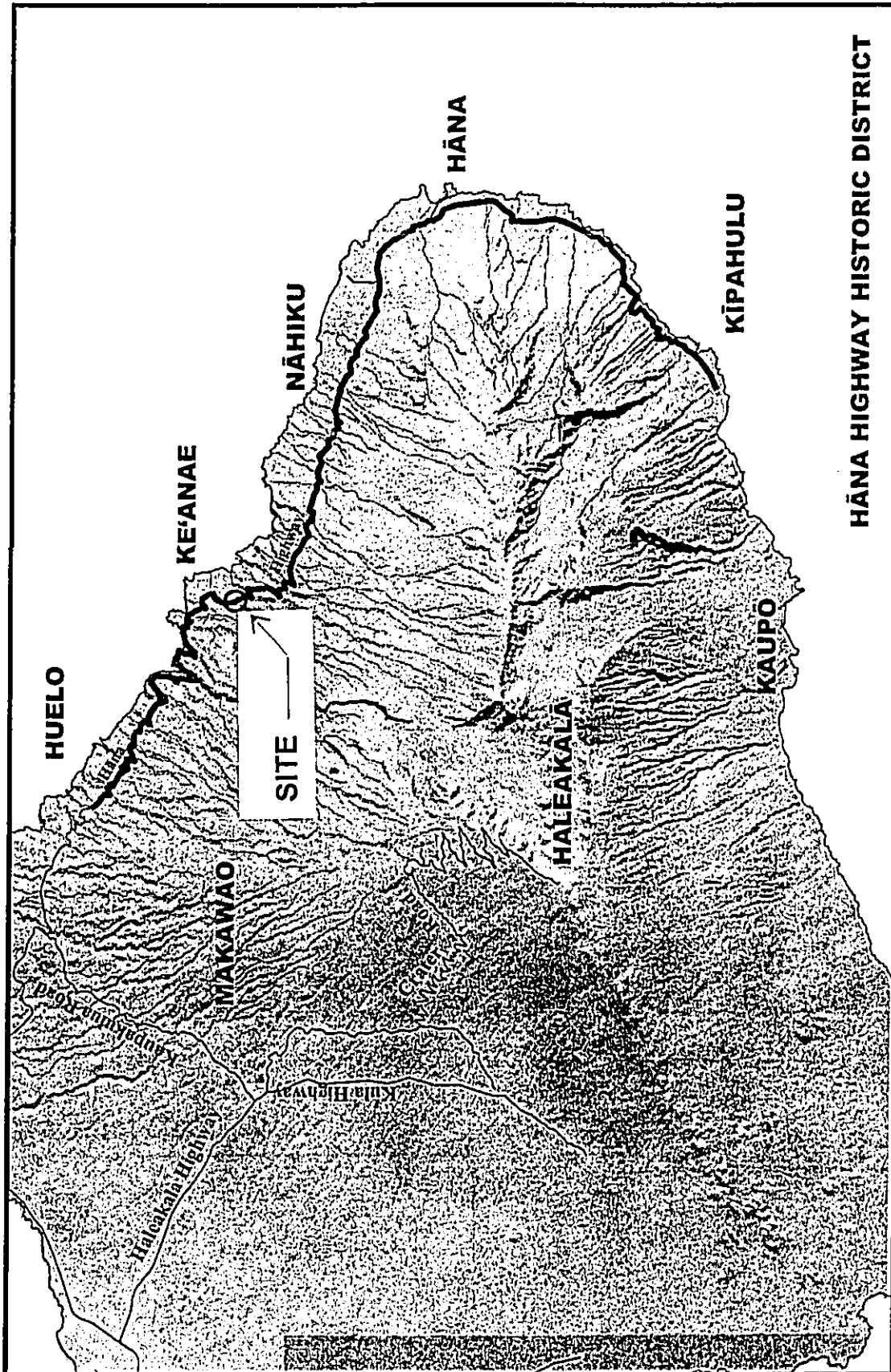
HANA HIGHWAY REPAIR



Base Map  
State GIS &  
TMK (GDSI)

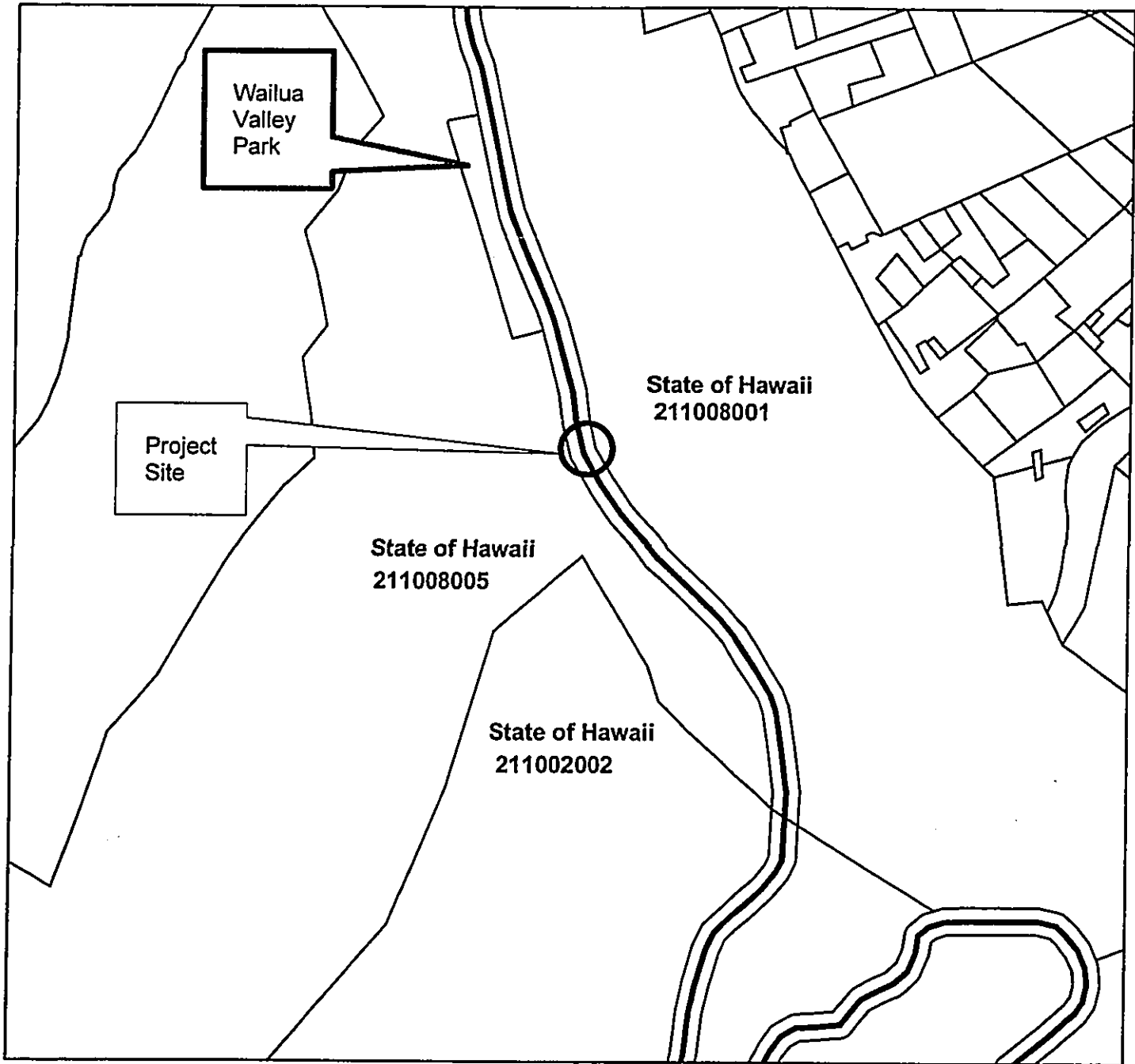
Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu





Source: *Final Preservation Plan for County of Maui Bridges Within the Hana Highway Historic District*, December 2001

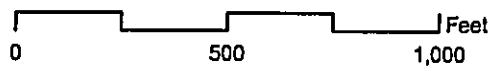
Figure 9



**Flood Hazard (FIRM) All Zone X**

**Figure 10**

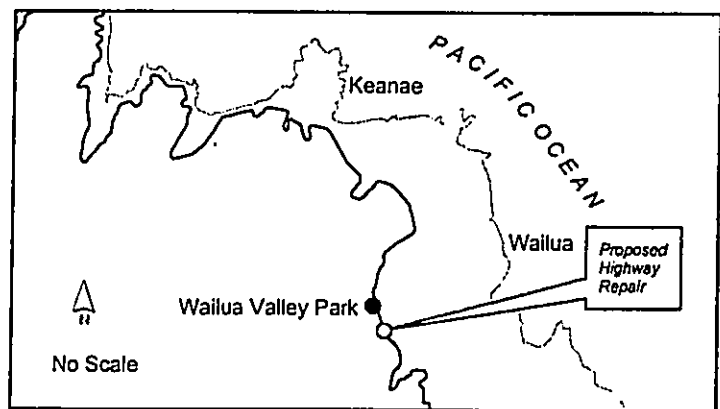
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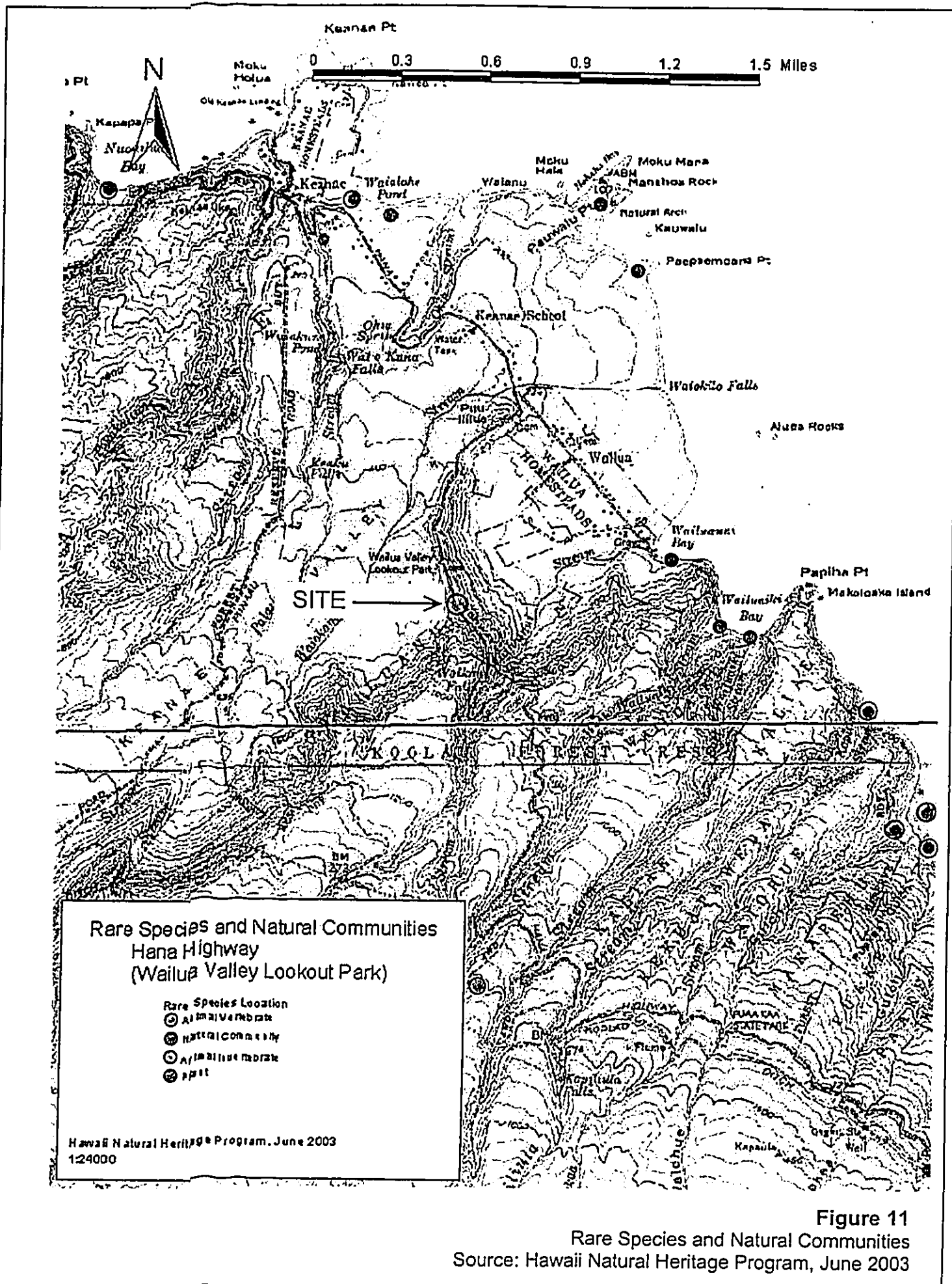
Note:  
Flood Hazard Designation is Zone X  
Source: FIRM Panel 1500030300B  
(State GIS)

Base Map  
State GIS &  
TMK (GDSI)

Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu





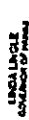


**Figure 11**  
Rare Species and Natural Communities  
Source: Hawaii Natural Heritage Program, June 2003

# Appendix A

Coordination, Comment and Response Letters

AM-778



PETER T. YOUNG  
DIRECTOR  
BOARD OF LAND AND NATURAL RESOURCES  
CONSERVATION AND RECREATION MANAGEMENT

DEPT OF TRANSPORTATION  
STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
HISTORIC PRESERVATION DIVISION  
KAOHOLA BUILDING  
150 KAOHOLA BOULEVARD  
HONOLULU, HAWAII 96813

Glenn M. Yasui  
Page 2

Given this new information, we believe the proposed undertaking will have an "adverse effect" on significant historic sites. Therefore, we request inventory survey level documentation of the historic wall, including narrative description, assessment of significance, photo documentation, and the assignment of a State Inventory of Historic Properties designation -- to be conducted prior to the commencement of the proposed highway improvements. If the wall is found to be significant, and a contributing property to the historic Hana Belt Road, then mitigation measures -- including data recovery work or preservation -- may be needed.

Should you have any questions please contact Cathleen DeGher at 692-8023.

Sincerely,  
  
Peter T. Young  
State Historic Preservation Officer

CD:jen

cc: Michael Foley, Director, Dept of Planning, 250 South High Street, Wailuku, HI 96783  
Cultural Resources Commission, Planning Dept, 250 S. High Street, Wailuku, HI 96783

NOV - 7 2003

LOG NO: 2003-2232  
DOC NO: 0310CD93

Glenn M. Yasui  
Administrator  
Department of Transportation  
Highways Division  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5087

Dear Mr. Yasui:

SUBJECT: **REVISED National Historic Preservation Act Section 106 Review - Draft Environmental Assessment for Hana Highway Repair - Near Wailuku**  
Lookout (Vicinity of Milepost 19 Between Ke'aneae and Wailuku)  
Ke'aneae Ahupua'a, Hana District, Island of Maui, Hawaii  
TMK: (2) 1-1-008:004

These are our revised archaeological comments pertaining to the Draft Environmental Assessment (DEA) for Hana Highway Repair - Near Wailuku Lookout (Vicinity of Milepost 19 between Ke'aneae and Wailuku). Our previous comments recommended that a qualified archaeological monitor be present during ground-altering activities in order to document any historic properties which may be encountered during the proposed undertaking and to provide mitigation measures as necessary (SHPD DOC NO: 030804/LOG NO.: 2003.1515). Based on recently received information via October 31, 2003 facsimile from Aki Sinoto, Aki Sinoto Consulting, and a October 27, 2003 telephone conversation between Mr. Gene Dashiell, consultant, and Ms. Cathleen DeGher of our staff, we wish to revise our comments.

Based on this new information, we now understand the following:

- 1) The proposed undertaking will be conducted on the historic Hana Belt Road (SHP 50-50-08-1838).
- 2) The associated wall located in the area of impact is a historic structure, as it was constructed at least 50 years ago, and will be destroyed during the highway improvements.
- 3) Mr. Sinoto walked the project corridor accompanied by Mr. Dashiell and did not observe any additional historic sites.
- 4) The proposed project area, located on the *maka* side of the Highway, is extremely steep, and the *mauka* side is a vertical cut making it unlikely that additional significant historic sites would be present on this side of the highway.

LINDA LANGE  
001-2903



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
839 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-0077  
November 7, 2003

ROBERT A. HUANGA  
DIRECTOR  
DANA OWEN  
PROJECT MANAGER  
LINDA LANGE  
ADMIN. ASSISTANT

HAWAII-DS 2.2361

DS 2.2361

P. Holly McElDowney  
State Historic Preservation Division  
Page 2

In view of the above, and based on follow-up discussions with Eugene Dashiell and your staff, we understand that SHPD will withdraw its recommendation for archaeological monitoring, described in sub-paragraph 1) of the subject letter. We will comply with sub-paragraph 2) of the subject letter and notify SHPD (Oahu and Maui) of the start and finish of the subject project.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers (Corry Kogutaka)

TO: P. HOLLY McELDOWNEY, ACTING ADMINISTRATOR  
STATE HISTORIC PRESERVATION DIVISION  
DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM: GLENN M. YASUI *Glenn M. Yasui*  
ADMINISTRATOR, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

Thank you for your letter of September 23, 2003, (LOG NO: 2003.1515, DOC NO: 0508sr04) which stated your determination of "no adverse effects" regarding architectural concerns.

Regarding archaeology concerns in follow-on discussions with your staff with our environmental consultant Eugene Dashiell, the location of the proposed project in relationship to known historic sites has been identified as being one half to one mile distant and the proposed project site is on a steep slope that is unlikely to have an area of human habitation or occupation. The proposed project site has experienced significant cut and fill at the time of construction of the Hana Highway. A memo from Mr. Aki Sinoe, archaeologist, who has also inspected the project site will be provided for your use.

The existing rock wall along on the roadway edge was constructed as part of Hana Highway is likely to be more than 50 years in age. We will document this wall in the narrative portion of the Final Environmental Assessment. Approximately 115 feet of the total 280 feet of the wall will be modified from the existing grouted rock construction. The wall is 2 feet high on the roadway side and varies from 5 to 15 feet in height on the down slope side. The wall is 18 inches wide with a mortar cap. The wall serves both as a retaining wall for the road and as a barrier to vehicles. The modification of this wall will require removal of approximately 115 linear feet and replaced with either reinforced concrete with a rock veneer facing or a formed concrete face to simulate rock. We estimate that about 165 feet of the original wall will be unaffected by the proposed project.

In accordance with standard procedures established under the State Historic Preservation Act, in the event that cultural remains, burials, artifacts, or other historic property are uncovered during the project, our contractor will stop work and we will notify SHPD.



RECEIVED HWY 655

PETER T. YOUNG  
 CHIEF OF BUREAU OF HISTORIC PRESERVATION  
 DEPT. OF TRANSPORTATION  
 DEPARTMENT OF LAND AND NATURAL RESOURCES  
 HISTORIC PRESERVATION DIVISION  
 HAWAIIAN BUREAU BUILDING ROOM 655  
 601 KAAHOKULA BOULEVARD  
 HONOLULU, HAWAII 96813-5097



Glen M. Yasui  
Page 2

effect" on significant historic sites within the Area of Potential Effect. In order to mitigate any "adverse effect," we recommend on-site archaeological monitoring which would allow the subsurface deposits to be documented as well as any historic roadway structures (such as the existing rock wall). Therefore, we recommend the following conditions be attached to the subject Building Permit Application, should it be approved.

- 1) A qualified archaeological monitor shall be present during ground-altering activities for the construction of the garage and utility installations in order to document any historic properties which may be encountered during the proposed undertaking and to provide mitigation measures as necessary. An acceptable archaeological monitoring plan will need to be submitted to the State Historic Preservation Division for review, prior to the commencement of any ground-disturbing activities. An archaeological monitoring plan must contain the following nine specifications: (1) The kinds of remains that are anticipated and where in the construction area the remains are likely to be found; (2) How the remains and deposits will be documented; (3) How the expected types of remains will be treated; (4) The archaeologist conducting the monitoring has the authority to halt the construction in the immediate area of the find in order to carry out the plan; (5) A coordination meeting between the archaeologist and construction crew is scheduled, so that the construction team is aware of the plan; (6) What laboratory work will be done on remains that are collected; (7) A schedule of report preparation; (8) Details concerning the archiving of any collections that are made; and (9) An acceptable report documenting the findings of the monitoring activities shall be submitted to the State Historic Preservation Division for review upon 180 days following the completion of the proposed undertaking.
- 2) The State Historic Preservation Division (Maul and O'ahu offices) shall be notified via facsimile upon the on-set and completion of the proposed undertaking.

Thank you for the opportunity to comment. Should you have any questions regarding architecture please contact Susan Tassak at 692-8032. Should you have any questions regarding archaeology please contact Catherine Dagher at 692-8073.

Sincerely,  
  
 Peter T. Young  
 State Historic Preservation Officer

ST:jen

Michael Foley, Director, Dept of Planning, County of Maui, 250 South High Street, Wailuku, HI 96793  
 Cultural Resources Commission, Planning Dept, County of Maui, 250 S. High Street, Wailuku, HI 96793  
 Kana'i Kapeleka, Burial Sites Program

Post-Net Fax No	7671
To	CORP/KAPESAKE
From	10/6/03
On	HWY-DS
Phone	692-7593
Fax #	151-2151

SEP 23 2003  
 LOG NO: 2003.1515  
 DOC NO: 0308304  
 Architecture

Mr. Glen M. Yasui  
 Administrator  
 Department of Transportation - Highways Division  
 669 Punchbowl Street  
 Honolulu, Hawaii 96813-5097

Dear Mr. Yasui:

**SUBJECT:** Section 108 (NHPA) Review Draft Environmental Assessment for Hana Highway Repair - Near Wailua Lookout (Vicinity of Milepost 19 Between Ke'ane and Wailua) MAUI-121-1-1-005-004

Thank you for the submittal dated July 15, 2003. The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width. Limited to a length of less than 100 linear feet, the project proposal is for the placement of a reinforced concrete roadway overpass with asphalt paving and with a foundation on concrete drilled shafts that will be approximately 3 feet in diameter and 25 feet in length, extending vertically through earth into bedrock. An existing grouted rock wall that serves as a barrier between the highway and the downslope will be reconstructed with reinforced concrete and a rock facing after the concrete work has been completed. This is a typical repair design used elsewhere on Hana Highway.

Architectural Concerns

Since the proposed work mainly involves restoration that is typical for Hana Highway, we believe that the determination for the architectural concerns of the project is "no adverse effects."

Archaeology Concerns

A search of our records indicates an archaeological inventory survey has not been conducted of the subject property. This area in general is likely to have once been the location of pre-contact farming, perhaps with scattered houses. Our records indicate parcel 004 is an LCA, but is not present on the adjacent parcel 002, and a heiau and other sites are present on near-by parcel 011. Other known historic sites located near the proposed project area are SHP 50-50-07-538 (Pu'u Ohu Complex) and SHP 50-50-07-539 (Waihanu Complex). In addition, the submitted Draft Environmental Assessment (p. 1) indicates a rock wall is present in the project area and currently serves as a barrier between the highway and the "downslope". We wonder if this rock wall is over 50 years old. Given the above information, we believe historic sites (soil deposits, habitation, historic structures) may be present in the proposed project area and may have been impacted by the initial road construction. Ground altering activities associated with the proposed highway improvements would further impact these sites. Thusly, we believe there may be "adverse

# CORRECTION

THE PRECEDING DOCUMENT(S) HAS  
BEEN REPHOTOGRAPHED TO ASSURE  
LEGIBILITY  
SEE FRAME(S)  
IMMEDIATELY FOLLOWING

XEROX COPY WITH NON-REMOVABLE ATTACHMENT

RECEIVED Hwy 655

DEPT OF TRANSPORTATION  
SECTION 108 (NHPA) REVIEW DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY REPAIR -  
Near Waiiua Lookout (Vicinity of Milepost 19 Between Ke'aneae and Waiiua)  
Task: (2) 1-1-509:004

DEPT OF TRANSPORTATION  
7601 SGTAVE EF BAYZAH  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
HISTORIC PRESERVATION DIVISION  
KAOHOLA BUILDING, ROOM 655  
601 KAOHOLA BOULEVARD  
KAHOLEA, HAWAII 96707



Glenn M. Yasuf  
Page 2

effect on significant historic sites within the Area of Potential Effect. In order to mitigate any "adverse effect," we recommend on-site archaeological monitoring which would allow the subsurface deposits to be documented as well as any historic roadway structures (such as the existing rock wall). Therefore, we recommend the following conditions be attached to the subject Building Permit Application, should it be approved.

- 1) A qualified archaeological monitor shall be present during ground-disturbing activities for the construction of the garage and utility installations in order to document any historic properties which may be encountered during the proposed undertaking and to provide mitigation measures as necessary. An acceptable archaeological monitoring plan will need to be submitted to the State Historic Preservation Division for review, prior to the commencement of any ground-disturbing activities. An archaeological monitoring plan must contain the following nine specifications: (1) The kinds of remains that are anticipated and where in the construction area the remains are likely to be found; (2) How the remains and deposits will be documented; (3) How the expected types of remains will be treated; (4) The archaeologist conducting the monitoring has the authority to halt the construction in the immediate area of the find in order to carry out the plan; (5) A coordination meeting between the archaeologist and construction crew is scheduled, so that the construction team is aware of the plan; (6) What laboratory work will be done on remains that are collected; (7) A schedule of report preparation; (8) Details concerning the archiving of any collections that are made; and (9) An acceptable report documenting the findings of the monitoring activities shall be submitted to the State Historic Preservation Division for review upon 180 days following the completion of the proposed undertaking.
- 2) The State Historic Preservation Division (Hawaii and Oahu offices) shall be notified via facsimile upon the on-set and completion of the proposed undertaking.

Thank you for the opportunity to comment. Should you have any questions regarding architecture please contact Susan Tassak at 692-8032. Should you have any questions regarding archaeology please contact Catherine Dagher at 692-8023.

Sincerely,  
  
Peter T. Young  
State Historic Preservation Officer  
ST/Jan

Michael Foley, Director, Dept of Planning, County of Maui, 250 South High Street, Waihee, HI 96783  
Cultural Resources Commission, Planning Dept, County of Maui, 250 S. High Street, Waihee, HI 96783  
Chair, Maui/Lana'I Islands Burial Council  
Kama'i Kapoleia, Burial Sites Program

PostNet Fax Note	7671	Date	10/16/03	Page	2
To	Cathy Koyasaka	From	Scott Wilsie		
Company	Debra F. Assel	On	Hwy-10		
City	Paoli, Hawaii	Phone	808-279-7593		
Phone	521-3151	Fax			

SEP 23 2003  
LOG NO: 2003.1515  
DOC NO: 0006804  
Architecture

Mr. Glenn M. Yasuf  
Administrator  
Department of Transportation - Highways Division  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Dear Mr. Yasuf:

SUBJECT: Section 108 (NHPA) Review Draft Environmental Assessment for Hana Highway Repair -  
Near Waiiua Lookout (Vicinity of Milepost 19 Between Ke'aneae and Waiiua)  
Task: (2) 1-1-509:004

Thank you for the submittal dated July 15, 2003. The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Waiiua Lookout to restore the highway to its original two-lane width. Limited to a length of less than 100 linear feet, the project proposal is for the placement of a reinforced concrete roadway overlie with asphalt paving and with a foundation on concrete-filled shafts that will be approximately 3 feet in diameter and 25 feet in length, extending vertically through earth into bedrock. An existing grouted rock wall that serves as a barrier between the highway and the downslope will be reconstructed with reinforced concrete and a rock facing after the concrete work has been completed. This is a typical repair design used elsewhere on Hana Highway.

Architectural Concerns

Since the proposed work mainly involves restoration that is typical for Hana Highway, we believe that the determination for the architectural concerns of the project is "no adverse effects."

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A search of our records indicates an archaeological inventory survey has not been conducted of the subject property. This area in general is likely to have once been the location of pre-contact farming, perhaps with scattered houses. Our records indicate parcel 004 is an LCA, but is present on the adjacent parcel 002, and a heiau and other sites are present on near-by parcel 011. Other known historic sites located near the proposed project area are SHP 50-50-07-538 (Pu'u Otu Complex) and SHP 50-50-07-539 (Waiiua Complex). In addition, the submitted Draft Environmental Assessment (p.1) indicates a rock wall is present in the project area and currently serves as a barrier between the highway and the "downslope". We wonder if this rock wall is over 50 years old. Given the above information, we believe historic sites (soil deposits, habitation, historic structures) may be present in the proposed project area and may have been impacted by the initial road construction. Ground altering activities associated with the proposed Highway Improvements would further impact these sites. Thusly, we believe there may be "adverse



GENEVIEVE SALMONSON

Page 2  
SEP 2 8 2003

HWY-DS 2.1723

HWY-DS 2.1723

SEP 2 8 2003

TO: GENEVIEVE SALMONSON, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERETANIA STREET, SUITE 702  
HONOLULU, HAWAII 96813

FROM: RODNEY K. HARAGA  
DIRECTOR OF TRANSPORTATION

SUBJECT: HANA HIGHWAY REPAIR, TMK 2-1-1-008-004, PROJECT NO. 360AB-01-03M  
RESPONSE TO DRAFT ENVIRONMENTAL ASSESSMENT (EA) COMMENTS  
AND FINDING OF NO SIGNIFICANT IMPACT

Thank you for your comments on the subject document. The proposed subject project is essentially a repair and maintenance activity within the existing highway right-of-way.

1) Cumulative effects. First, the subject project is a standalone project and not the first of a series of planned projects. The need for this project was unplanned. Second, regarding construction scheduling overlaps, one of the referenced rockfall projects (mile post 19.18 to 19.52) is scheduled for construction in 2005. Construction for this repair and maintenance project is scheduled for 2004. The other referenced rockfall project (between mile posts 11.05 to 11.31) is scheduled for 2004. The Department of Transportation Highways Division (DOT) will endeavor to construct the two projects concurrently with the same road and lane closure restrictions to reduce construction impacts to the public from an overall time standpoint.

2) Segmentation. The subject project is a standalone project. Preparation of a master plan for the entire Hana Highway is not feasible because there are unplanned projects and changes to project priorities. Furthermore, funding to undertake a study of all projects and their potential impacts is not available. Detailed engineering is needed to determine specific project impacts since they may vary substantially from one project to the next. Because public funding is not available, design details have not been prepared and will only be undertaken when the legislature appropriates funding for individual projects.

3) Figures. The ocean area, where appropriate, will be designated. The special management area boundary is taken from the State Geographic Information System, as stated in the title block of Figure 6. The special management area map in Figure 6, and the inset map that shows the location of the subject project in relation to the shoreline and the Pacific Ocean both have north arrows for orientation. The special management area will be added to the inset map to clarify the map. A verification process with Maui County is underway to assure that the SMA map is as shown in Figure 6.

4) Significance Criteria. The discussion in the EA will be expanded to explain why the impacts will not be significant with regard to erosion hazards.

5) Archaeological and Historic Resources. The proposed work is within the existing right-of-way and the roadway repair will take place within the existing roadway foundation (see Figure 3 of the subject document). This narrow area has already been severely disturbed due to the cut, fill and retaining wall placed during construction of the original highway. Because the underlying foundation material is rock, burials or other cultural deposits are not typically found in such material and no historic sites are known to be in the immediate vicinity of the subject project with the exception of the highway itself. An archaeologist will be on-call during construction for notification of any disturbance of historic or cultural items and the contractor would be required to suspend work in the event of a finding and until the archaeologist or the State Historic Preservation Division can make an appropriate determination.

6) Two-sided pages. Reproduction on both sides of the pages will be considered for the final document.

If there are any questions, please call Scot Urada, Project Manager, at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

cc: HWY-DS (SU)  
HWY-M (FC)  
DMT Consultant Engineers (Cory Kogasaka)

SU/ky

Glenn Yasui  
July 9, 2003  
Page 2

GENEVIEVE SALMONSON  
DIRECTOR

STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL



1900 W. BERTLAND STREET  
HONOLULU, HAWAII 96813  
PHONE: (808) 586-4186  
FAX: (808) 586-4185

July 9, 2003

Glenn Yasui  
Department of Transportation  
Highways Division  
869 Punchbowl Street  
Honolulu, HI 96813

Attn: Scot Urada

Dear Mr. Yasui:

Subject: Draft environmental assessment (EA) for Hana Highway Repair

We have the following comments to offer:

Two-sided pages: In order to reduce bulk and save on paper, please consider printing on both sides of the pages in the final document.

Cumulative effect: You submitted a draft EA for the Hana Highway Rockfall Mitigation project, notice of which appeared in the February 23<sup>rd</sup>, 2003 *Environmental Notice*. In my February 26<sup>th</sup>, 2003 letter I asked:

"The draft EA notes that other rockfall areas along Hana Highway are under improvement. What other areas are involved and what is or will be the scheduling overlap between them and the projects at the two areas covered by this EA? What is the cumulative disruptive effect on the public and how will you mitigate it?"

The rockfall project is close to the Waihua Lookout, while the Hana Highway Repair project is near Waihua. In addition to the various rockfall mitigation projects, how will you minimize the disruptive effect to the public of these two projects which are in close proximity?

Segmentation: In addition to the projects mentioned above, what other Hana Highway or Hana region projects are in the planning stages? The environmental review law prohibits segmentation of larger projects and requires that full disclosure of impacts be made on projects in their entirety. If other projects in the Hana region are proposed, then disclosure must be made on all of them. It

is preferable to have a master plan submitted, followed by individual environmental assessments disclosing details which are not known at this point.

Figures: Is the ocean represented in figures 4, 5, 6, and/or 10? In these figures it is not clear which direction is makai and which is mauka. Figure 6 shows the Special Management Area, which is generally based at the shoreline and extends inland. If the project area is in an SMA, on what is the designation based?

Significance criteria: In criterion #11, "Affects or is likely to suffer damage by being located in an environmentally sensitive area ..." you have noted that the project site is located in an erosion-prone area, which is an environmentally sensitive area. Because of the possibility of this significant impact, the law requires you to prepare an EIS. If you do not believe that the project will suffer unduly because of location in this sensitive area or that the area will suffer unduly from the effects of the project, expand your explanation in the final EA to indicate why the impacts will be minor, or how they can be mitigated to a minor level.

Archaeological and historic resources: According to Tables 1A and 1B the road will be scheduled for complete closure from 9:30 p.m. to 4:30 a.m. for up to 6 weeks, during which ground disturbing activities can take place. The letter in Appendix A from the Historic Preservation Division requires cessation and protection of any unexpected significant finds during the construction period and gives a contact phone number to report such finds. Will you abide by this restriction? Presumably the phone number given is operative during standard business hours. Who or what agency will you contact during the overnight hours in the event of such finds?

If you have any questions, call Nancy Heinrich at 586-4185.

Sincerely,

*Genevieve Salmonson*  
GENEVIEVE SALMONSON  
Director

cc: Eugene Dashiell



ALAN M. ARAKAWA  
Mayor  
MICHAEL W. FOLEY  
Director  
WAYNE A. BOITELHO  
Deputy Director



COUNTY OF MAUI  
DEPARTMENT OF PLANNING

October 1, 2003

DIR 1543

DIRECTOR'S OFFICE  
DEPT. OF  
TRANSPORTATION

2003 OCT -2 P 1:51

DEPT OF TRANSPORTATION  
2003 OCT -2 A 10:40  
HIGHWAYS DIVISION

Mr. Rodney K. Haraga, Director  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Attention: Mr. Scot Urada

Dear Mr. Haraga:

RE: Draft Environmental Assessment for Hana Highway Repair,  
Tax Map Key No. 1-1-008:004, Portion of Keanae, Waiau, Island of  
Maui, Hawaii

The Maui Planning Department (Department) has reviewed the above referenced document, and has the following comments to offer:

1. The Department confirms that the proposed project is located on a portion of Hana Highway that is listed on both the National and State Register of Historic Sites.
2. The Department supports the cantilevered approach as it will not change the alignment or character of the existing roadway.
3. The existing rock wall will be reconstructed with a concrete wall and a rock facing. The Department requests that a rock veneer, matching the remaining wall as close as possible, be used to cover the concrete wall.
4. The Hana Highway is located within the Special Management Area (SMA) as defined by the Maui Planning Commission. A Special Management Area Assessment determination of the proposed project cannot be made until after the Chapter 343 process has been completed. The SMA Rules of the Maui Planning Commission prohibits the Department from making an assessment determination prior to the completion of the Chapter 343 process.

Mr. Rodney Haraga  
October 1, 2003  
Page 2

5. The SMA Assessment will allow the County to determine whether the proposed project qualifies as an action "exempted" under Chapter 205A, or whether a SMA permit will be required.

Thank you for the opportunity to provide comments.

Should you require further clarification, please contact Ms. Robyn L. Loudermilk, Staff Planner, of this Department, at 270-7735.

Sincerely,

MICHAEL W. FOLEY  
Planning Director

MWF:RL:lar  
c:

Clayton I. Yoshida, AICP, Planning Program Administrator  
Robyn L. Loudermilk, Staff Planner  
Long Range Division  
CRC Members  
CRC File  
Project File  
General File  
K:\WP\_DOCS\PLANNING\LETTERS\2003\2801\_waiauarepar.wpd

XEROX COPY WITH NON-REMOVABLE ATTACHMENT

ALAN M. ARAKAWA Mayor  
GILBERT S. COLOMA-AGARAN Director  
MITCHELL ARAKAWA, A.L.C.P. Deputy Director



COUNTY OF MAUI  
DEPARTMENT OF PUBLIC WORKS  
AND ENVIRONMENTAL MANAGEMENT  
DEVELOPMENT SERVICES ADMINISTRATION  
250 SOUTH HIGH STREET  
WAILUKU, MAUI, HAWAII 96783

RUPHIL NAQUANE, L.B. P.E. Development Services Administration  
TRACY TAKAMURA, P.E. Wastewater Reclamation Division  
LOYD P.C.W. LEE, P.E. Engineering Division  
BRIAN HASKRO, P.E. Highways Division  
JOHN D. HARDER Solid Waste Division

August 28, 2003

Mr. Scot Urada  
DEPARTMENT OF TRANSPORTATION  
TECHNICAL DESIGN SERVICES, DESIGN BRANCH  
869 Punchbowl Street  
Honolulu, Hawaii 96793

RECEIVED  
SEP 5 2003  
TECHNICAL DESIGN SERVICES  
DEPT. OF TRANSPORTATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT  
HANA HIGHWAY REPAIR AT WAILUA LOOKOUT  
TMC: (2)1-1-008:004

Dear Urada:

We reviewed the subject draft environmental assessment and have no comments at this time.

If you have any questions, please call Milton Arakawa at (808)270-7845.

Very Truly Yours,

*Milton Arakawa*  
Milton Arakawa  
Director of Public Works and  
Environmental Management

RMN:msc

6:SLUCACZKZhuahwyrepair-wailua\_11006004\_msc.03.wpd

Post-It Fax Note	7871	Date	9-5-03	Page	1
To	Scot Urada	From	Scot Urada		
Company	Arakawa & Assoc.	Ca	HNY-DS		
Phone		Phone	612-75153		
Fax	521-3161	Fax			

PHONE (808) 594-1889



STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPOLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

DIRECTOR'S OFFICE  
DEPT. OF  
TRANSPORTATION

2003 AUG 14 P 2:20

FAX (808) 594-1865

HRD/H03/1035

July 28, 2003

Mr. Rodney K. Haraga  
Director  
Department of Transportation  
State of Hawaii 96813-5097

SUBJECT: HANA HIGHWAY REPAIR - DEA

Dear Mr. Haraga:

Thank you for the opportunity to review and comment on the above referenced DEA for Highways Repair near Wailua.

The Office of Hawaiian Affairs (OHA) have no comments on the proposal. If you have any questions, please contact Jerry B. Norris at 594-1847 or email him at jernor@oha.org.

Sincerely,

*Peter L. Yee*  
Peter L. Yee  
Director  
Neighborhood and Native Rights Division.

RECEIVED  
AUG 20 1 47 AM '03  
DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

RECEIVED  
AUG 25 10:41  
DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

DEPT. OF TRANSPORTATION  
HIGHWAYS DIVISION

EUGENE P. DASHIELL, AICP  
ENVIRONMENTAL PLANNING SERVICES  
1314 South King St, Suite 932  
Honolulu, Hawaii 96814

Rob Parsons  
Environmental Coordinator  
Maui County  
280 South High Street  
Wailuku, HI 96783


July 17, 2003

Dear Mr. Parsons:

Subject: Draft Environmental Assessment for Hana Highway Repair

Enclosed is a copy of the subject document per your request of July 16. Please call me at 593-8330 or 371-0745 if you have questions or comments.

Sincerely yours,

  
Eugene P. Dashiell, AICP

Enclosures

Copies: DMT Consultant Engineers  
State Highways Division

LEON LINDSEY  
EXECUTIVE DIRECTOR

Member, American Institute of Certified Planners



STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOMELANDS  
TRANSPORTATION

RECEIVED  
HONOLULU, HAWAII  
JUL 22 AM 11:42  
DEPARTMENT OF HAWAIIAN HOMELANDS  
TRANSPORTATION

DEPARTMENT OF HAWAIIAN HOMELANDS  
TRANSPORTATION  
HONOLULU, HAWAII 96813

July 15, 2003

Mr. Gary C.P. Choy, Engineering Program Manager  
Design Branch, Highways Division  
Department of Transportation  
869 Punchbowl Street  
Honolulu, HI 96813-5097

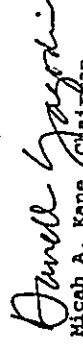
Dear Mr. Choy:

Subject: Draft Environmental Assessment for Hana Highway  
Repair, TMK 2-1-1-8:04, Wailua, Hana, Maui, Dated  
June, 2003

Thank you for the opportunity to review the subject  
application. The Department of Hawaiian Home Lands has no  
comment to offer.

If you have any questions, please call Denise Ominiana of  
our Planning Office at 586-3836.

Aloha and mahalo,

  
Micah A. Kane, Chairman  
Hawaiian Home Commission

fn

JUL 15 2003

HWY-DS 2.0917

TO: ALLEN ASHITOMI  
COMPLEX AREA SUPERINTENDENT  
MAUI DISTRICT ADMINISTRATION  
DEPARTMENT OF EDUCATION  
54 HIGH ST, 4TH FLOOR  
WAILUKU, HAWAII 96793

FROM: GLENN M. YASUI  
ADMINISTRATOR, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY REPAIR,  
TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available to responsible authority for school busing along Hana Highway.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

JUL 16 2003

HWY-DS 2.0916

Mr. Kyle Watanabe  
Administrator, Civil Defense  
200 South High Street  
Wailuku, Hawaii 96793

Dear Mr. Watanabe:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undetermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undetermined area so that the travelway can be restored to its original two-lane width.

Please be advised of potential road closures on Hana Highway which are discussed in this document.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Glenn M. Yasui*  
GLENN M. YASUI  
Administrator  
Highways Division

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

JUL 16 2003

Thomas Phillips, Chief  
Maui County Police Department  
55 Mahalani Street  
Wailuku, Hawaii 96793

Dear Chief Phillips:

Subject: Draft Environmental Assessment for Hana Highway Repair,  
TMK 2-1-1-008:004, Hana District, Maui, Hawaii.

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

Please be advised of the potential road closures on the Hana Highway, which are discussed in this document.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. Jarami*  
RODNEY K. HARGRAVE  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

JUL 16 2003

Richard Fernandez, Chief  
Maui County Fire Department  
200 Dairy Road  
Kahului, Hawaii 96732

Dear Chief Fernandez:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

Please be advised of the potential road closures on the Hana Highway, which are discussed in this document.

We believe that a portion of this project may be within the Special Management Area and request that you review this document with the possibility of providing an administrative approval.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. Jarami*  
RODNEY K. HARGRAVE  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny



HWY-DS 2.0913

JUL 16 2003

Mr. Gilbert Coloma-Agaran, Director  
Department of Public Works and  
Environmental Management  
County of Maui  
200 South High Street  
Wailuku, Hawaii 96793

Dear Mr. Coloma-Agaran:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the  
travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project  
scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated  
June 2003.

A portion of the roadway is being undetermined and the Kahului-bound lane has been closed just  
on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in  
March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the  
undetermined area so that the travelway can be restored to its original two-lane width.

Please be advised of the potential road closures on the Hana Highway, which are discussed in  
this document.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services  
Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. Haraga*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kmy

JUL 10 2003

HWY-DS 2.0876

The Honorable Sol P. Kahoonalohala  
13<sup>th</sup> Representative District  
State Capitol, Room 405  
Honolulu, Hawaii 96813

Dear Representative Kahoonalohala:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the  
travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project  
scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated  
June 2003.

A portion of the roadway is being undetermined and the Kahului-bound lane has been closed just  
on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in  
March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the  
undetermined area so that the travelway can be restored to its original two-lane width.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services  
Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. Haraga*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kmy

HWY-DS 2.0874

JUL 10 2003

Mr. John Bloumer-Buell  
Hana Community Association  
P.O. Box 202  
Hana, Hawaii 96713

Dear Mr. Bloumer-Buell:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waialua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waialua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. Haraga*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

JUL 10 2003

HWY-DS 2.0870

Mr. Paul Hemson  
Field Supervisor  
Department of the Interior  
U. S. Fish and Wildlife Service  
300 Ala Moana Blvd., Rm. 3-122  
Honolulu, Hawaii 96813

Dear Mr. Hemson:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waialua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waialua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. Haraga*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

HWY-DS 2.0877

The Honorable J. Kalani English  
6<sup>th</sup> Senatorial District  
State Capitol, Room 205  
Honolulu, Hawaii 96813

HWY-DS 2.0880

The Honorable Robert Carroll  
Councilmember  
Maui County Council  
200 South High Street  
Wailuku, Hawaii 96793

JUL 19 2003

Dear Senator English:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008-004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

We believe that a portion of this project may be within the Special Management Area and request that you review this document with the possibility of providing an administrative approval.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Scot Urada*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kmy

Dear Councilmember Carroll:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008-004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Scot Urada*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kmy

HWY-DS 2.0879

Mr. Michael Foley, Director  
Planning Department  
County of Maui  
250 South High Street  
Waikuku, Hawaii 96793

JUL 10 2003

Dear Mr. Foley:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waiau Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA) Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waiau Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

We believe that a portion of this project may be within the Special Management Area and request that you review this document with the possibility of providing an administrative approval.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J.*

RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

HWY-DS 2.0883

JUL 10 2003

Maui County Council  
Hana Council Office  
200 South High Street  
Waikuku, Hawaii 96793

Dear Sir:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waiau Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waiau Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J.*

RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

JUL 10 2003

TO: F. HOLLY McELDOWNEY, ACTING ADMINISTRATOR  
STATE HISTORIC PRESERVATION DIVISION  
DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM: GLENN M. YASUI *Glenn M. Yasui*  
ADMINISTRATOR, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Waiau Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please review the DEA with regard to providing appropriate authorization for this project to proceed within the historic district of Hana Highway and with regards to other historic issues if there are any.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

*Exec'd to  
DMT  
7/10/03*

JUL 10 2003

TO: COLIN KIPPEN, DEPUTY ADMINISTRATOR  
OFFICE OF HAWAIIAN AFFAIRS

FROM: RODNEY K. HARAGA, DIRECTOR *Rodney K. Haraga*  
DEPARTMENT OF TRANSPORTATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Waiau Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available to parties who may have comments or concerns about traditional and cultural practices.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

HWY-DS 2.0872

JUL 10 2003

TO: PETER YOUNG, CHAIRPERSON  
DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM: RODNEY K. HARAGA, DIRECTOR  
DEPARTMENT OF TRANSPORTATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available to entities within the Department who may wish to comment. We have provided a separate mailing to the Historic Preservation Office.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

HWY-DS 2.0871

JUL - 9 2003

TO: MICAH KANE, CHAIRMAN  
DEPARTMENT OF HAWAIIAN HOMES LANDS

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DESIGN BRANCH, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available to parties who may be interested in traditional or cultural practices.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

JUL - 9 2003

JUL - 9 2003

TO: JACKIE MILLER  
ASSOCIATE ENVIRONMENTAL COORDINATOR  
URM ENVIRONMENTAL CENTER  
2500 DOLE STREET, KRAUSS ANNEX 19  
HONOLULU, HAWAII 96822

TO: DONNA MAIYVA, EMS PROGRAM MANAGER  
EMERGENCY MEDICAL SERVICES SYSTEM  
DEPARTMENT OF HEALTH

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DESIGN BRANCH, HIGHWAYS DIVISION

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004.

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

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In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available for public viewing until August 8, 2003.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available for responsible authorities for ambulance and emergency medical services along Hana Highway.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

Enclosure

c: DMT Consultant Engineers

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

bc: HWY-DS (SU)  
HWY-M (FC)

SUBJECT

SUBJECT

LINDA LINDALE  
GOVERNOR

HIGHWAY DESIGN BRANCH, ROOM 100A  
BRIDGE DESIGN SECTION, RM 11  
CADASTRAL DESIGN SECTION, RM 100  
HIGHWAY DESIGN SECTION, RM 100  
HYDRAULIC DESIGN SECTION, RM 100  
TECHNICAL DESIGN SVCS OFFICE, RM 100



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION AT KAPOLEI  
801 KAMOCKILA BOULEVARD  
KAPOLEI, HAWAII 96707

ROONEY K. HIRAIWA  
DIRECTOR  
Asst. Deputy Director  
OLDEN H. CRANFORD

IN REPLY REFER TO:  
HWY-DS 2.0782

HWY-DS 2.0875

JUL - 9 2003

TO: IRENE PAVAO, BRANCH MANAGER  
HANA PUBLIC AND SCHOOL LIBRARY  
DEPARTMENT OF EDUCATION  
PO BOX 490  
HANA, HAWAII 96713

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DESIGN BRANCH, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY REPAIR,  
TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available for public viewing until August 8, 2003.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: DMT Consultant Engineers

bc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

JUL 0 5 2003

TO: JOHN CLARK, HEAD LIBRARIAN  
KAHULUI PUBLIC LIBRARY  
DEPARTMENT OF EDUCATION  
90 SCHOOL STREET  
WAILUKU, HAWAII 96793

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DESIGN BRANCH, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY REPAIR,  
TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available for public viewing until August 8, 2003.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: Okahara & Associates, Inc. (Corey Kogasaka)



LINDA LINGLE  
SECRETARY

HIGHWAY DESIGN BRANCH, ROOM 422A  
BRIDGE DESIGN SECTION, RM 411  
CADASTRAL DESIGN SECTION, RM 400  
HIGHWAY DESIGN SECTION, RM 408  
HYDRAULIC DESIGN SECTION, RM 409  
TECHNICAL DESIGN SVCS OFF., RM 404



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION AT KAPOLEI  
601 KAMONILA BOULEVARD  
KAPOLEI, HAWAII 96707

JUL 05 2003

RODNEY K. HARADA  
DIRECTOR

Acting Deputy Director  
GLORIA H. COOKSTON

MEMO REFERENCE  
HWY-DS 2.0781

TO: SUSAN WERNER, BRANCH MANAGER  
WAILUKU PUBLIC LIBRARY  
DEPARTMENT OF EDUCATION  
251 HIGH STREET  
WAILUKU, HAWAII 96793

FROM: GARY C. P. CHOY  
ENGINEERING PROGRAM MANAGER  
DESIGN BRANCH, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY REPAIR,  
TMK: 2-1-1-008:004

The State Department of Transportation Highways Division (DOT) proposes to install a small roadway canopy structure on Route 360 Hana Highway near the Wailua Lookout to restore the highway to its original two-lane width.

In accordance with State laws, a Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003 has been prepared for public viewing and comment. Please ensure the DEA is made available for public viewing until August 8, 2003.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure

c: Okahara & Associates, Inc. (Corey Kogasaka)

JUL 2 2003

HWY-DS 2.0783

Ms. Marsha Wicent, Executive Director  
Maui Visitors Bureau  
1727 Wili Fa Loop  
Wailuku, Hawaii 96793

Dear Ms. Wicent:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMK 2-1-1-008:004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Wailua Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair, dated June 2003.

A portion of the roadway is being undetermined and the Kahului-bound lane has been closed just on the Kahului-side of the Wailua Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway canopy structure to bridge the undetermined area so that the travelway can be restored to its original two-lane width.

A DEA by DOT's subconsultant, Eugene P. Dashiell, AICP, has been prepared and enclosed for your review and comment. Based on the documentation and mitigation measures contained in the DEA, it is our determination that this project will have no adverse impacts on archaeological or historic resources. In accordance with Hawaii Revised Statutes, §343 and Chapter 6E, Historic Preservation, we request your review of our findings. We will assume your concurrence if we receive no objections from your office within 30 days upon receipt of this letter.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Scot Urada*  
RODNEY K. HARADA  
Director of Transportation

Enclosure

c: Okahara & Associates, Inc. (Corey Kogasaka)

cc: HWY-DS (SU)  
HWY-M (FC)

SU:ky

HWY-DS 2.0785

JUL 2 2003

Mr. Carl Lindquist  
Alliance for the Heritage of East Maui  
P. O. Box 455  
Hana, Hawaii 96713

Dear Mr. Lindquist:

Subject: Draft Environmental Assessment for Hana Highway Repair, TRMK 2-1-1-008-004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waiau Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waiau Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

A DEA by DOT's sub-consultant, Eugene P. Dashiell, AICP, has been prepared and enclosed for your review and comments. Based on the documentation and mitigation measures contained in the DEA, it is our determination that this project will have no adverse impacts on archaeological or historic resources. In accordance with Hawaii Revised Statutes, §343 and Chapter 6E, Historic Preservation, we request your review of our findings. We will assume your concurrence if we receive no objections from your office within 30 days upon receipt of this letter.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. J.*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: Olahara & Associates, Inc. (Corey Kogasaka)

cc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

HWY-DS 2.0784

JUL 2 2003

Mr. Daniel Grantham, President  
Sierra Club, Maui Group  
P. O. Box 791180  
Paia, Hawaii 96779

Dear Mr. Grantham:

Subject: Draft Environmental Assessment for Hana Highway Repair, TRMK 2-1-1-008-004,  
Hana District, Maui, Hawaii

The State Department of Transportation Highways Division (DOT) proposes to restore the travelway to two lanes on Route 360 Hana Highway near the Waiau Lookout. The project scope is outlined in the Draft Environmental Assessment (DEA), Hana Highway Repair dated June 2003.

A portion of the roadway is being undermined and the Kahului-bound lane has been closed just on the Kahului-side of the Waiau Lookout. As presented in a series of public meetings held in March 2003, DOT proposes to construct a small roadway cantilever structure to bridge the undermined area so that the travelway can be restored to its original two-lane width.

A DEA by DOT's sub-consultant, Eugene P. Dashiell, AICP, has been prepared and enclosed for your review and comments. Based on the documentation and mitigation measures contained in the DEA, it is our determination that this project will have no adverse impacts on archaeological or historic resources. In accordance with Hawaii Revised Statutes, §343 and Chapter 6E, Historic Preservation, we request your review of our findings. We will assume your concurrence if we receive no objections from your office within 30 days upon receipt of this letter.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

*Open m. J. J.*  
RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: Olahara & Associates, Inc. (Corey Kogasaka)

cc: HWY-DS (SU)  
HWY-M (FC)

SU:kny

LINDA LYNCH  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
888 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5087

ROONEY A. HARADA  
DIRECTOR

Acting Deputy Director  
CLARENCE H. OROGOTI

BY MAIL NOTED BY:

HVY-DS 2.0746

JUN 24 2003

TO: MS. GENEVIEVE SALMONSON, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERETANIA STREET, SUITE 702  
HONOLULU, HAWAII 96813

FROM: *for* GLENN M. YASUI  
ADMINISTRATOR, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR HANA HIGHWAY  
REPAIR, TMK 2-1-1-008; HANA DISTRICT, MAUI, HAWAII

The State of Hawaii Department of Transportation has reviewed the draft environmental assessment for the subject project and anticipates a Finding of No Significant Impact (FONSI) determination. Please publish notice of availability for this project in the July 8, 2003, issue of the OEQC Environmental Notice.

We have enclosed a completed OEQC Publication Form, four copies of the draft EA and the project summary on disk. If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Attachment

c: Okahara & Associates, Inc. (Corey Kogasaka)

4

**Gene Dashiell**

From: "Roy Kam" <kam@hawaii.edu>  
 To: <dashiell@lava.net>  
 Cc: "Shannon McElvaney" <mcelvane@hawaii.edu>  
 Sent: Tuesday, June 17, 2003 10:43 AM  
 Attach: dashieil\_hanahighway.jpg  
 Subject: Hana Highway Repair (Waialua Valley Lookout Park)

Eugene Dashiell,

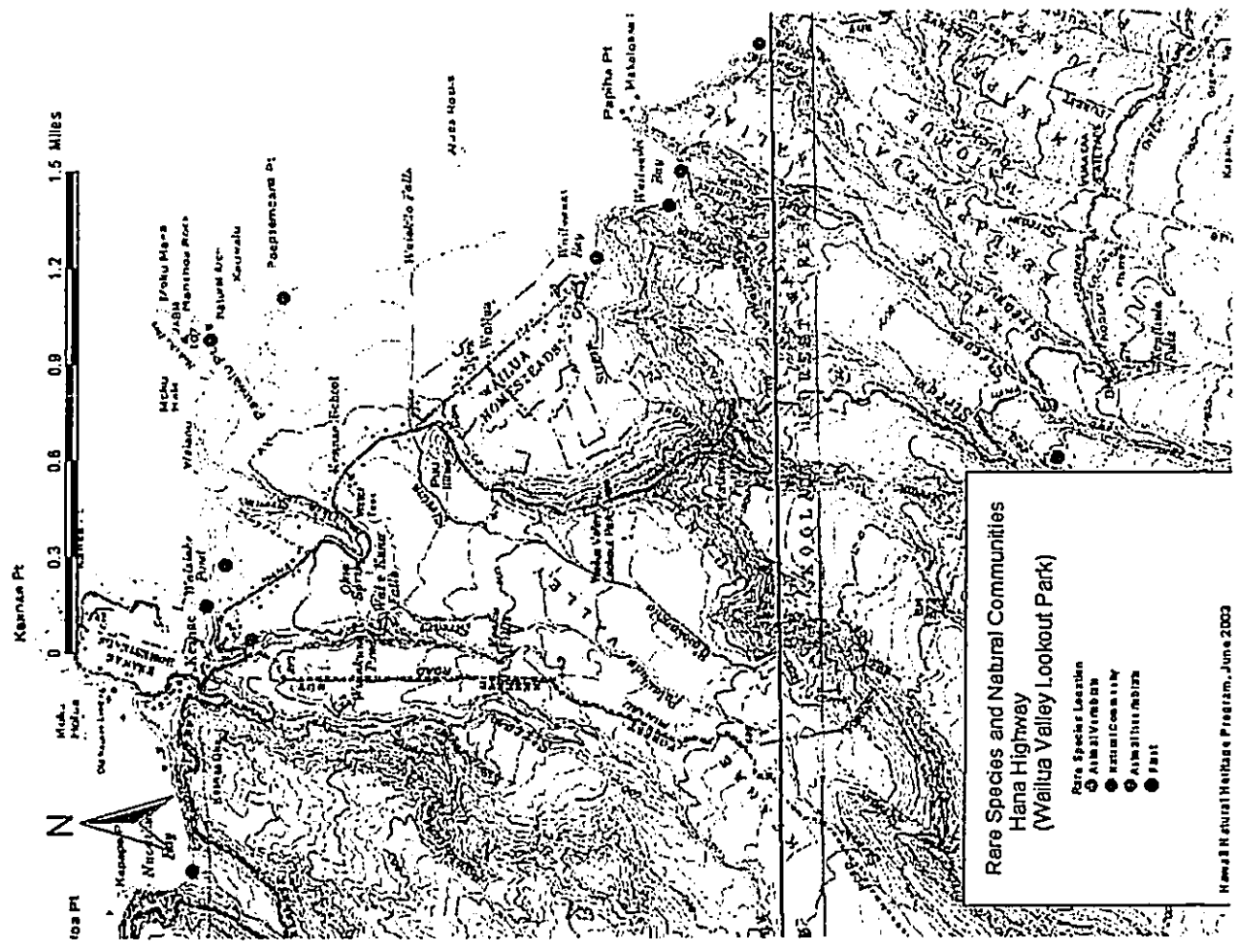
Shannon McElvaney passed your fax onto me. According to our Rare Species database there have been no recordings of rare or endangered species in the vicinity of your project site. I'm attaching a jpeg map for your records.

Charges for this data request has been waived. If you have any further questions you may contact me at 587-8602.

Thank you,  
 Roy Kam  
 Data Manager  
 Hawaii Natural Heritage Program  
 Center for Conservation Research and Training, University of Hawaii  
 677 Ala Moana Blvd, Suite 705  
 Honolulu, Hawaii 96813  
 Ph:(808)587-8602 Fax: (808)587-8599

**Notice:**  
 The Hawaii Natural Heritage Program database is dependent on the research and observations of many scientists and individuals. In most cases this information is not the result of comprehensive site-specific field surveys, and is not confirmed by the Heritage staff. Many areas in Hawaii have never been thoroughly surveyed, and new plants and animals are still being discovered. Database information should never be regarded as final statements or substituted for on-site surveys required for environmental assessments. Data provided by the Heritage Program do not represent a position taken by The Center for Conservation Research and Training or The Nature Conservancy of Hawaii. Heritage information is only for the intended use of the individual or organization who requested it. It may not be distributed in any way without the consent of the Hawaii Natural Heritage Program.

Please cite the Heritage Program and primary sources in all documentation and reports.  
 Hawaii Natural Heritage Program  
 University of Hawaii  
 Center for Conservation Research and Training



XEROX COPY WITH NON-REMOVABLE ATTACHMENT



United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Pacific Islands Fish and Wildlife Office  
300 Ala Moana Boulevard, Room 3-122  
Box 50088  
Honolulu, Hawaii 96850

In Reply Refer To:  
PI-03-46

MAR 11 2003

Mr. Scot Urada  
State Highways Division, Technical Design Services Office  
601 Kamokila Blvd., Rm 688  
Kapolei, Hawaii 96707

Dear Mr. Urada:

This responds to your January 29, 2003, letter in which you request the U. S. Fish and Wildlife Service provide a species list for the Hana Highway Rockfall Mitigation Project, on the island of Maui. The proposed project is located in two locations on the Hana Highway. At the Mile Post 11.05-11.31 location the State will install a slope screening (mesh) on the "mauka" slope face and construct a short cantilever to shift the road 0 to 9 feet towards the ocean. This will provide a rock catchment area. At the Mile Post 19.18-19.52 location, the State will install a similar cantilever structure as previously described. To construct the cantilever, the State Highway Division anticipates that most of the excavation work will be done inside already disturbed areas.

We reviewed the information you provided and pertinent information in our files, including maps prepared by the Hawaii Natural Heritage Program. To the best of our knowledge, no federally listed or proposed species, or proposed or designated critical habitat, occur on the proposed project sites.

We appreciate your efforts to conserve endangered species. If you have any questions, please contact Marilet Zablan, Supervisory Fish and Wildlife Biologist (phone: 808/541-3441; fax: 808/541-3470).

Sincerely,

*Scott Urada*  
for Paul Henson, Ph.D.  
Field Supervisor

PostNet Fax No. 7871	DATE 3/17/03
To: Duane MDE	From: Scot Urada
Country: MAE	Co: HWY-DS
Phone #	Phone # 692-7553
Fax #	Fax #

LINDA LINDLE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION  
1001 BISHOP STREET, SUITE 500  
HONOLULU, HAWAII 96813

HAWAII HISTORIC PRESERVATION  
DIVISION REVIEW

Log #: 31614  
Doc #: 0301CDS0

Applicant/Agency: Bruce Waide, PE  
Address: M & E Pacific, Inc.  
Suite 500, Pauahi Tower  
1001 Bishop Street  
Honolulu, Hawaii 96813-3588

SUBJECT: Chapter 6E-42 Historic Preservation Review - Information Request Pertaining to  
the Propose Hana Highway Rockfall Mitigation Project 360-AB-02-98 Cultural  
Resources Survey

Ahupua'a: Honomamu and Wailua  
District, Island: Hana, Maui  
TMCK: (2) 1-1-001:052 & 1-1-008:001 & 005

- We believe there are no historic properties present, because:
  - a) intensive cultivation has altered the land
  - b) residential development/urbanization has altered the land
  - c) previous grubbing/grading has altered the land
  - d) an acceptable archaeological assessment or inventory survey found no historic properties
  - e) other: Based on the submitted information request, we understand the proposed undertaking will be primarily located within the previously disturbed deposits of the existing right-of-way. In the event that historic sites (human skeletal remains, etc.) are identified during the construction activities, all work needs to cease in the immediate vicinity of the find, the find needs to be protected from additional disturbance, and the State Historic Preservation Office needs to be contacted immediately at 243-5169, on Maui, or at (808) 692-8023, on O'ahu.
- This project has already gone through the historic preservation review process, and mitigation has been completed.

Thus, we believe that "no historic properties will be affected" by this undertaking

Staff: Date: 3/1/2001  
Cathleen A. Dagher, Assistant Maui/Lana 'i Island Archaeologist  
(808) 692-8023

DELLAMAR J. CANTYANA  
GOVERNOR OF HAWAII



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION  
1001 BISHOP STREET, SUITE 500  
HONOLULU, HAWAII 96813

December 3, 2001  
Mr. Earl K. Mizushima  
Wilson Okamoto and Associates, Inc.  
1907 S. Beretania Street, Suite 400  
Honolulu, Hawaii 96826

Dear Mr. Mizushima:

SUBJECT: Preservation Plan for County of Maui Bridges Within  
Hana Highway Historic District  
Zone 1, Hana, Maui

LOG NO: 27824  
DOC NO: 0111tm14  
Architecture

Thank you for transmitting the Final Draft of the Preservation Plan for County of Maui Bridges Within the Hana Highway Historic District. We thank you for your continued efforts to produce a preservation plan that balances safety, economic and historic concerns along the historic Hana Highway. We understand that our concurrence with this plan is necessary to proceed with plans to replace Papahawaha Bridge and any subsequent county bridge in the district. While this plan does not fully address all historic preservation concerns, we understand that it is a balance that you are trying to achieve. Therefore, we concur with the overall preservation plan as we believe the plan has come a long way since its inception, with the provision that we will continue to review each project in hopes of greater technological advancements and funding options. This will give us opportunities to pursue new options, with the current preservation plan to act as the "worst case scenario" in regards to historic preservation. Areas of our greatest concern will continue to be the option of replacement over repair, the steel w-beam on the inside of non-crash tested railings and the judicious use of guardrails.

Thank you for the diligent efforts to accommodate our concerns and we look forward to continued consultation to ensure compliance with the preservation plan, or new opportunities to utilize cutting edge technology. Should you have further questions, please feel free to call Tomia Moy at (809) 692-8030.

Aloha,  
  
BON HIBBARD, Administrator  
State Historic Preservation Division

TM:jk

DEC 10 2001

# Appendix B

Documentation of Coordination with  
State Historic Preservation Division

December 6, 2003

Prepared by: Eugene P. Dashiell, AICP, M. A.

**National Historic Preservation Act, Section 106 Review, Draft Environmental Assessment for Hana Highway Repair Near Wailua Lookout (Vicinity of Milepost 19 Between Keanae and Wailua) Keanae Ahupuaa, Hana District, Island of Maui, Hawaii, TMK: 2-1-1-008:004**

1. Site Location. The project is located in the Hana District, Island of Maui, Tax Map Key 2-1-1-008:004. The project site is located within the right-of-way of State of Hawaii Hana Highway near the Wailua Lookout (vicinity of Milepost 19 between Keanae and Wailua). See attached maps.
2. Description of the Proposed Project. The project is to repair a section (approximately 100 lineal feet) of the Hana Highway within the existing right-of-way. The repair project involves removing the existing pavement, drilling 5-foot diameter shafts approximately 50 feet deep to bedrock and filling them with reinforced concrete, placement of a concrete roadbed secured to the drilled shafts, and restoration and repair of a rock wall (grouted rock) which serves as a guardrail and retaining wall on the ocean-side of the highway. The existing rock wall is approximately 280-feet long. Of this length, approximately 115 lineal feet will be repaired and restored. In August 2003, 50 lineal feet of the 115 lineal feet to be restored have collapsed and slid down-slope adjacent to the proposed repair project. The rock wall will be repaired using reinforced concrete with a rock or rock-like fascia as mitigation for the collapse<sup>1</sup> of the remaining 65-feet of the section of the wall adjacent to the proposed project. See attached plan sketch and photos.
3. General Project Setting. The site (elevation approximately 465 feet above mean sea level) is on a steep slope, which was cut for the original construction of the existing Hana Highway. On the mountainside, the land slopes upward, and on the ocean-side, the land slopes downward. The site is not likely to have been occupied or used for cultivation because of the steepness of the slope and the general rocky terrain.
4. Description of Records Reviewed. Hana Highway is listed on the Hawaii and National Register of Historic Places as SIHP 50-50-06-1638, but the project area and the existing rock wall are not listed.
5. Discussion of APE. An APE (Area of Project Effect, see Location Map) based on a 100-yard radius from the site was applied for the purposes of identification of the presence or absence of sites listed in the National Register of Historic Places. According to 36 CFR § 800.16 (d), the area of potential effects (APE) is defined as "the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties, if any such properties exist. The area of potential effects is influenced by the scale and nature of an undertaking and may be different for different kinds of effects caused by the undertaking." Based on the limited extent of the viewable area of the rock wall from Hana Highway or other locations due to the rough topography in the area of the site and the lack of existing development in the area of the site, the APE for the site includes a 100-yard radius from the proposed project site.
6. Details about historic properties identified and their eligibility. No listed (or eligible for inclusion) historic properties have been identified within the APE except Hana Highway itself as

---

<sup>1</sup> The remaining portion of the wall is near collapse.



noted above in paragraph 4. The rock wall is a feature of the Hana Highway and it serves as a partial guardrail and retaining wall for the highway. At the project site, the total length of the existing rock wall is 280 feet. The wall is 1.5 feet wide at the top and 2 feet high from the roadway. On the down-slope (ocean side) side of the wall, the height of the wall varies from 5 to 15 feet. The wall is constructed of rock with mortar and grout joints. The wall is capped with mortar. Visually, the wall is obscured from view from the roadway because of an overgrowth of vegetation. The portion of the wall that will be impacted by the proposed project is an approximate 115-foot section that is approximately in the center of the 280-foot wall. Towards the center of this 115-foot section, a portion of approximately 50 feet has collapsed and slid down-slope leaving two sections of 30 to 35 feet at both ends of the collapsed segment. This rock wall is an integral part of the Hana Highway and is likely to have been constructed more than 50 years ago when the highway was constructed. Because the highway is already listed on the State and National Historic Registers, and the subject wall is an integral part of the highway, the wall is considered a feature of the existing historic site – Hana Highway, SIHP 50-50-06-1638. The rock wall appears to meet the Hawaii Register of Historic Places significance evaluation criteria as follows:

- Criterion A: associated with events that have made an important contribution to the broad patterns of our history.
- Criterion C: embodies the distinctive characteristics of a type, period, or method of construction; represents the work of a master; or possesses high artistic value.
- Criterion E: has an important traditional cultural value to the native Hawaiian people or to another ethnic group of the State due to associations with traditional cultural practices once carried out, or still carried out, at the property or due to associations with traditional beliefs, events, or oral accounts; these associations being important to the group's history and cultural identify.

7. Archaeological and Historical Research. Physical and visual inspection of the actual site, the TMK parcel, and the surrounding terrain did not identify any cultural features with the exception of the rock wall feature of the historic highway
8. Native Hawaiian Consultations. A Draft EA (Environmental Assessment) was sent to the State Department of Hawaiian Homes Lands (DHHL), State Office of Hawaiian Affairs (OHA), State Historic Preservation Division (HPD), and the Maui County Departments of Planning and Public Works. The Draft EA identified the rock wall, noted that the proposed project was within the right-of-way of the historic Hana Highway, and requested comments. OHA and DHHL had no comments. The County Department of Planning requested, "...a rock veneer, matching the remaining wall as close as possible, be used to cover the concrete wall." The State Historic Preservation Office requested that the wall be documented and noted that mitigation measures may be needed. See attached correspondence.
9. Maps. Location and Site maps are attached.
10. Photographs. Photographs of the site, surrounding area and other features are attached.
11. Clear and substantiated determination of effect. The State and Federal Registers of Historic Places list Hana Highway, but not the subject proposed project site's rock wall, or other places or properties within the project boundary or within a 100 yard radius of the proposed project site and visual on-site inspection did not identify any eligible sites with the exception

of the rock wall which is identified as a feature of Hana Highway. Therefore, part of the feature (the rock wall) will be repaired and restored during construction of the proposed project.

12. Conclusions. SHPD has commented<sup>2</sup> that architecturally there would be no effect based on the described repair and restoration work proposed in the subject EA. This present report serves as the documentation required by SHPD.<sup>3</sup> The proposed measures of mitigation (repair and restore the wall) are included in the final Environmental Assessment<sup>4</sup> for the project and are intended to meet SHPD's comments. SHPD has assigned the following site number to the subject rock wall: SIHP 50-50-07-5499, *Historic Wall Near Milepost 19 on the Hana Highway*.

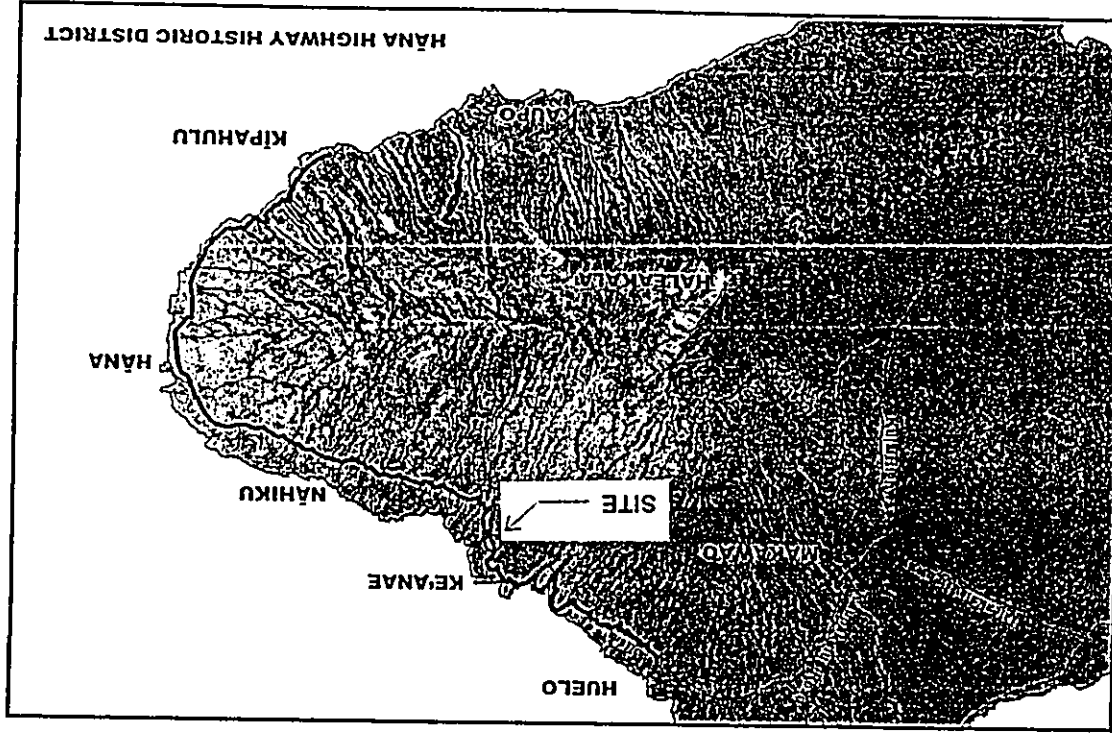
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<sup>2</sup> State of Hawaii, Historic Preservation Division, Letter, LOG NO: 2003.1515; DOC NO: 0308st04, September 23, 2003

<sup>3</sup> State of Hawaii, Historic Preservation Division, Letter, LOG NO: 2003.2232; DOC NO: 0310CD93, November 7, 2003.

<sup>4</sup> State of Hawaii, Department of Transportation, Final Environmental Assessment, *Hana Highway Repair*, November 2003.

# Maps Site Plan



Source: Final Preservation Plan for County of Maui Bridges Within the Hana Highway Historic District, December 2001

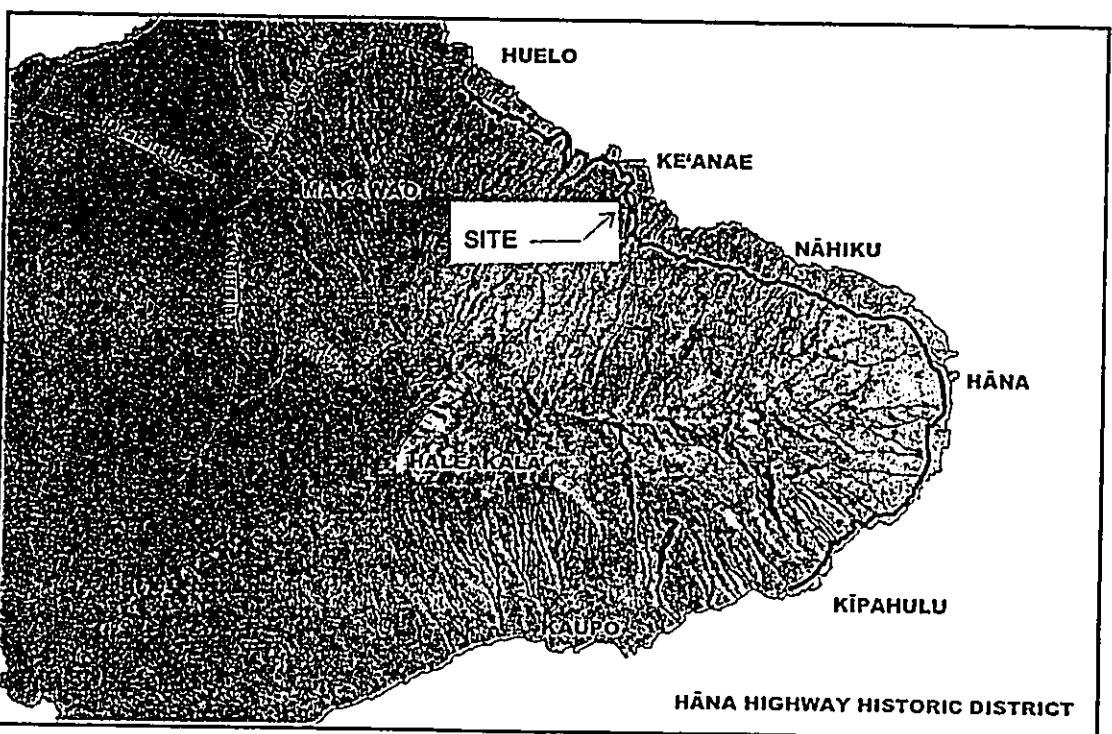
Figure 9



# CORRECTION

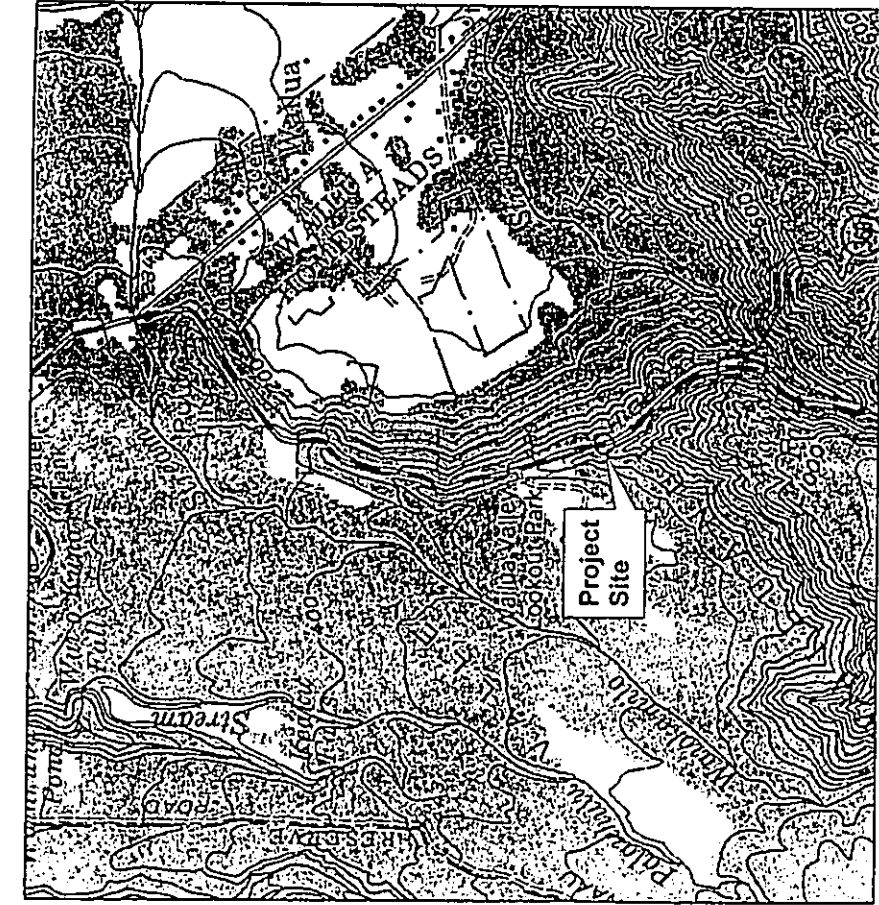
THE PRECEDING DOCUMENT(S) HAS  
BEEN REPHOTOGRAPHED TO ASSURE  
LEGIBILITY  
SEE FRAME(S)  
IMMEDIATELY FOLLOWING

# Maps Site Plan

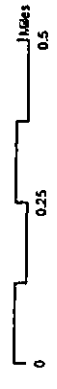


Source: Final Preservation Plan for County of Maui Bridges Within the Hāna Highway Historic District, December 2001

Figure 9

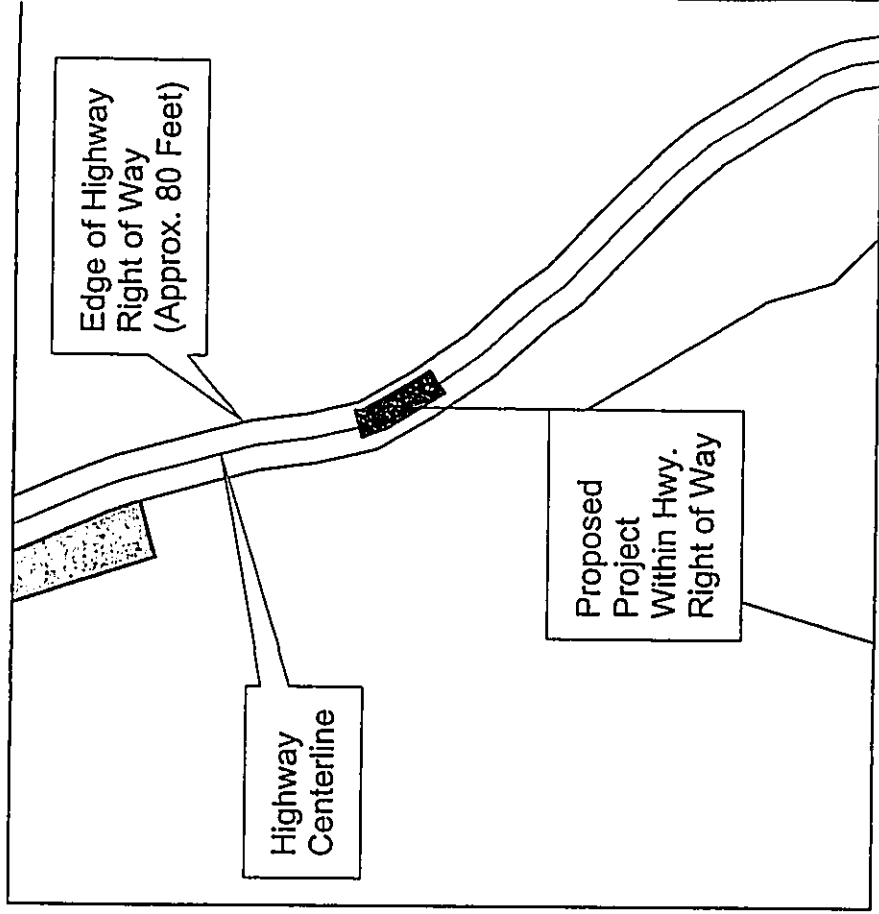
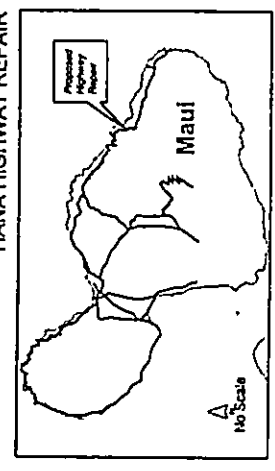


Location Map  
Figure 1

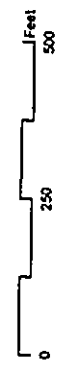


Base Map  
State GIS &  
USGS 7.5 Min. Quad. "Keanae"

Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu

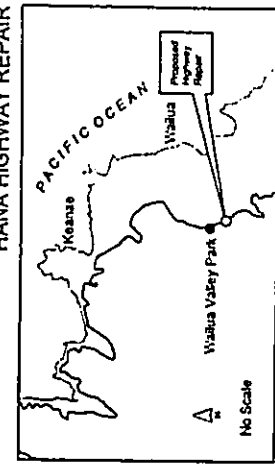


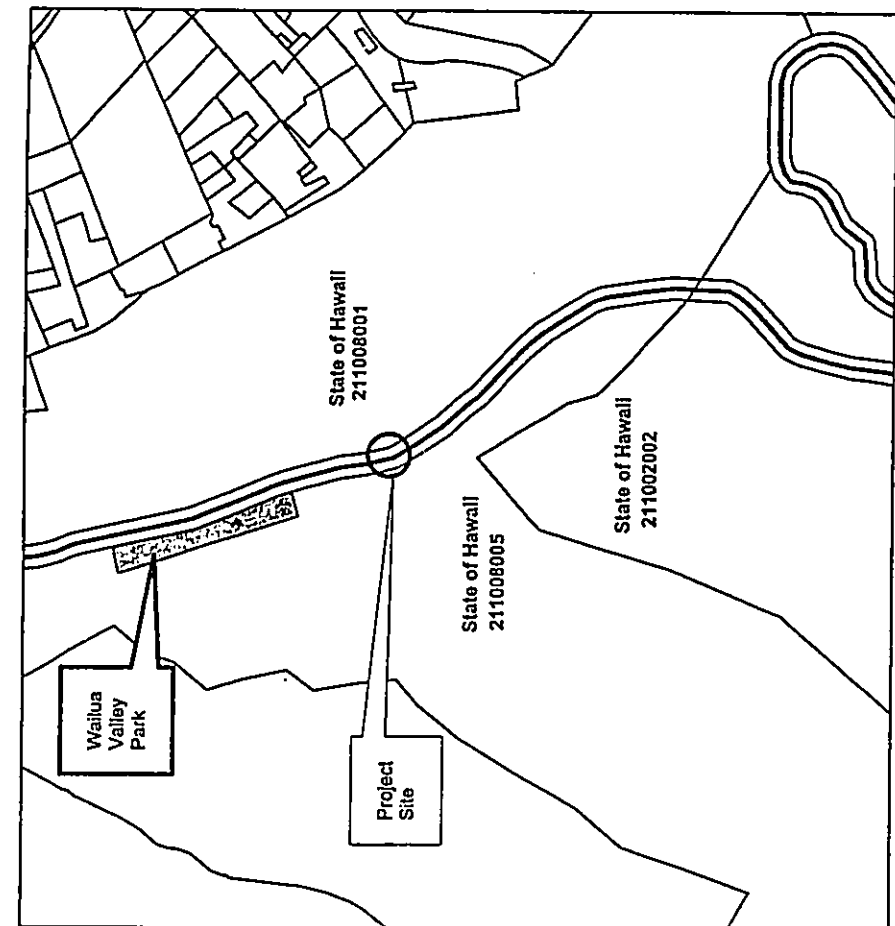
Proposed Project & Highway ROW  
Figure 7



Base Map  
State GIS &  
TMK (GDSi)

Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu

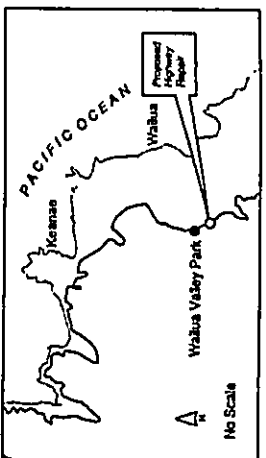




TMK and Ownership

Figure 4

HANA HIGHWAY REPAIR



Base Map  
State GIS &  
TMK (GDSI)  
Prepared by:  
Eugene P. Dashiell, AICP  
Environmental Planning Services  
Honolulu

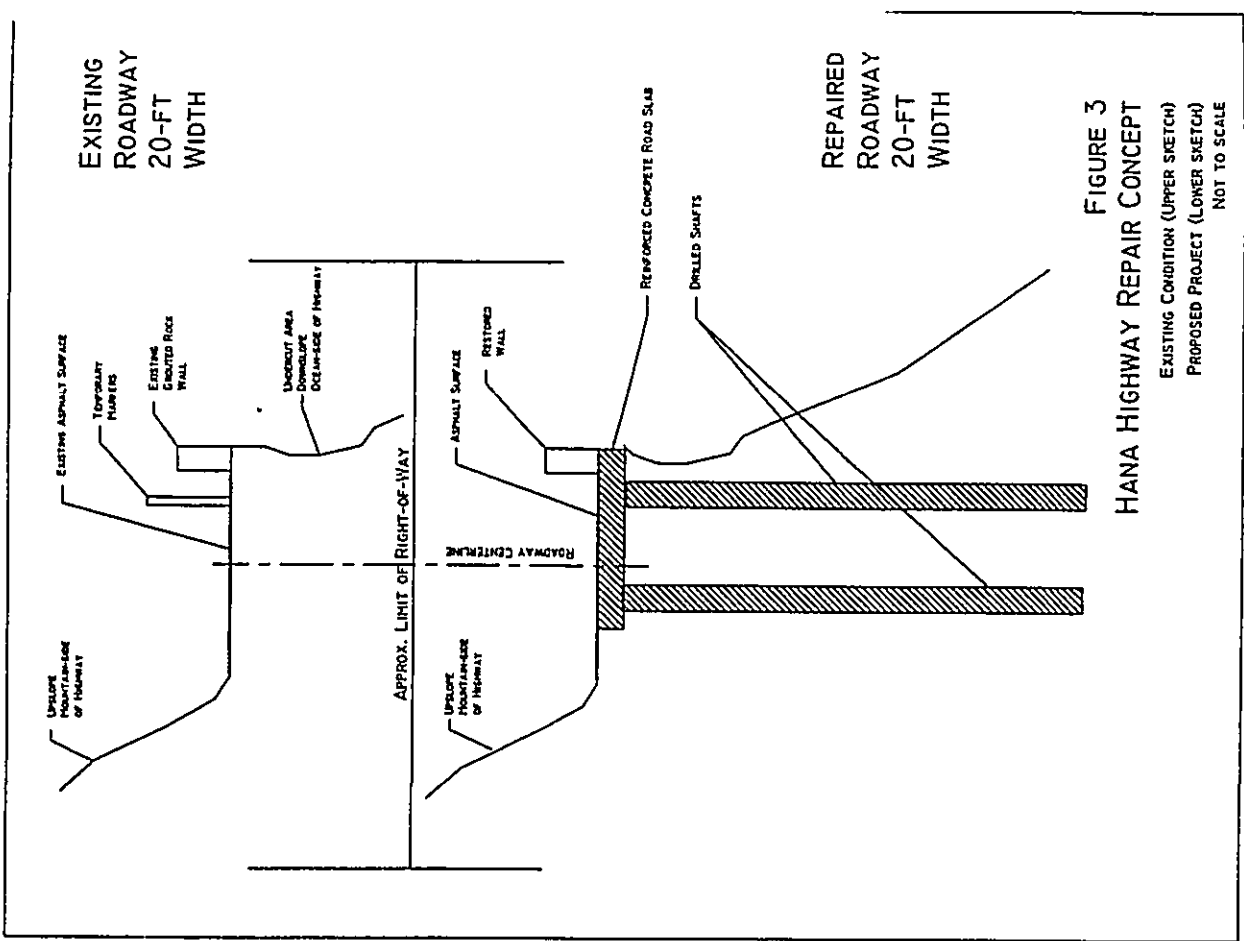
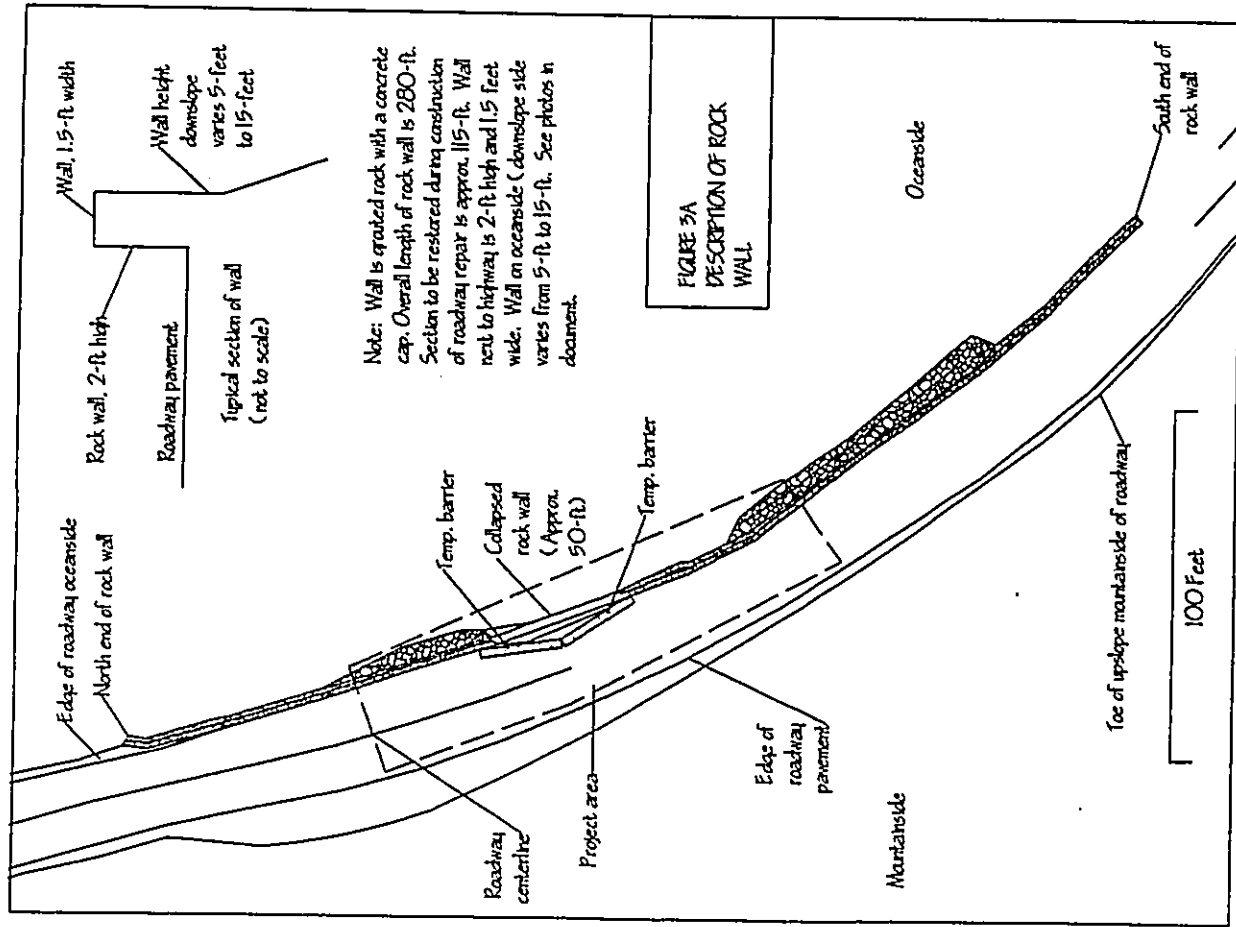


FIGURE 3  
HANA HIGHWAY REPAIR CONCEPT

EXISTING CONDITION (UPPER SKETCH)  
PROPOSED PROJECT (LOWER SKETCH)  
NOT TO SCALE

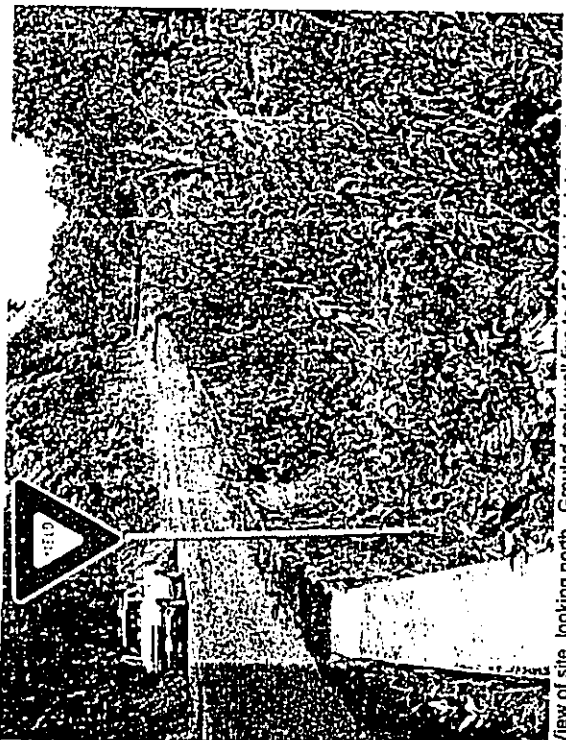
# Photographs







View of site, looking northeast towards Keanae, ocean in background. Note temporary pylons to direct traffic away from hazard area. Grouted rock wall two feet in height on highway side. Photo courtesy of DOT.



View of site, looking north. Grouted rock wall five to 15 feet in height on downslope. 2 feet high on roadway side of wall and 1.5 feet wide, with concrete cap. Photo courtesy of DOT.

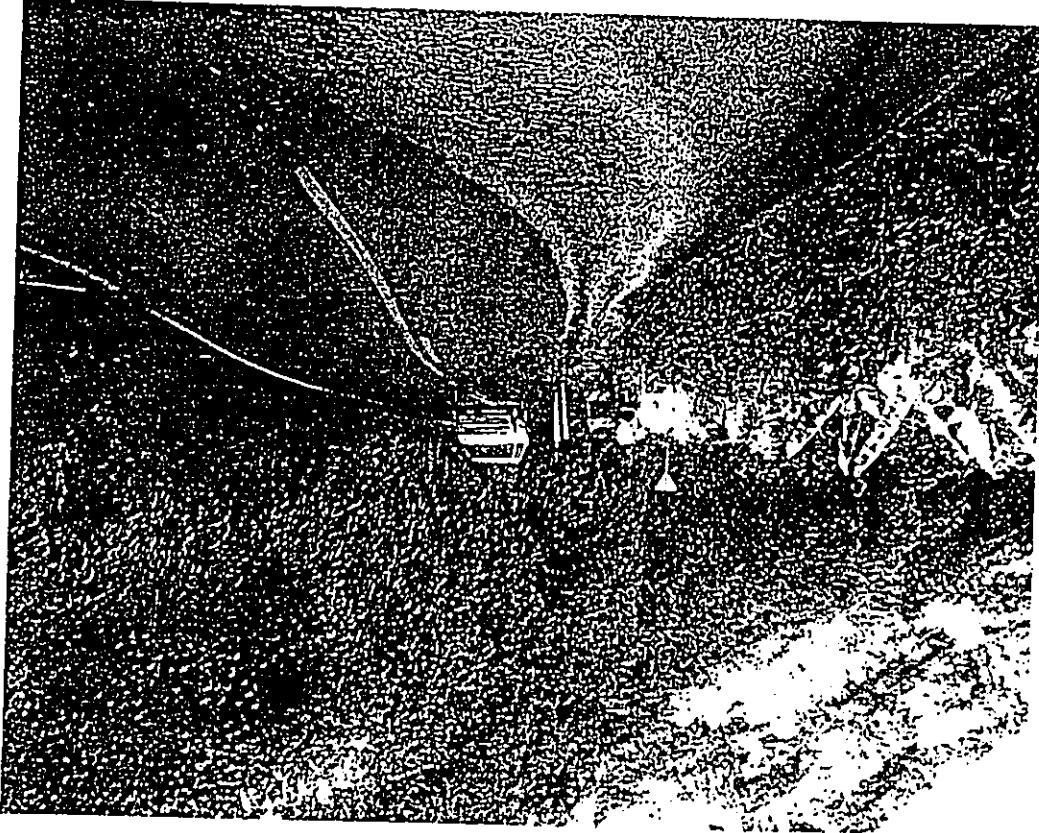
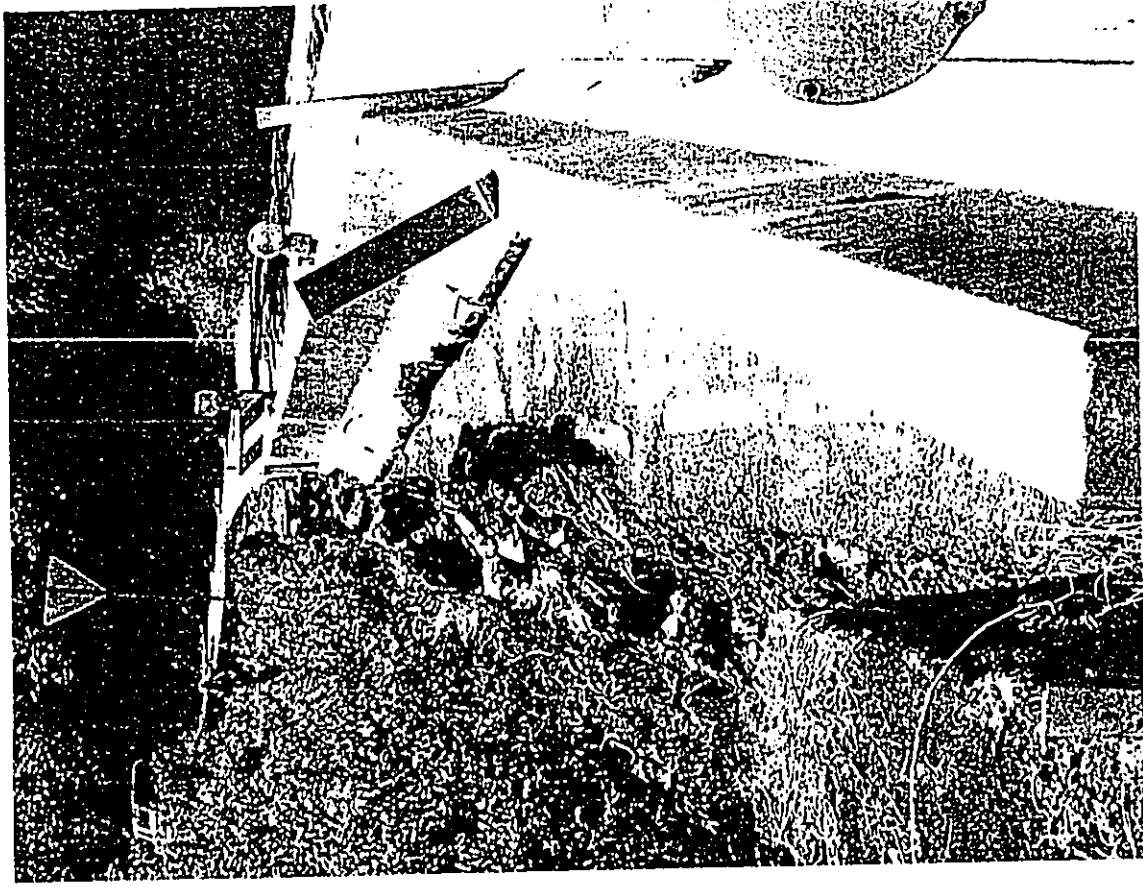


Figure 2. Hana Highway Repair Project Site. Looking south towards Hana from Keanae. Note vertical markers directing cars away from downslope edge of highway. Grouted rock wall (left of photo) to be restored after concrete work is completed. Dotted lines approximate top of wall.



View of same location after collapse of rock wall in early August 2003. Photo courtesy of DOT.



View of site looking south, note slumping of rock wall. Photo courtesy of DOT.



View of collapsed area, looking from Hana end of rock wall. Photo courtesy of DOT.



Top of wall, 1.5 feet in width, with concrete cap on top. Photo courtesy of DOT.

Roadway  
side of  
rock wall

downslope  
(oceanside)  
of rock wall



LINDA UNCLE  
COPYWRITER



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
459 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

ROBERT K. HARADA  
DIRECTOR  
DARYL DUNN  
JOHN T. HAYES  
MARK A. JOHNSON  
MARK E. LUCAS  
WENDY R. PETERSON  
HWY-DS 2.2361

November 7, 2003

Glenn M. Yasui  
Page 2

Given this new information, we believe the proposed undertaking will have an "adverse effect" on significant historic sites. Therefore, we request inventory survey level documentation of the historic wall, including narrative description, assessment of significance, photo documentation, and the assignment of a State Inventory of Historic Properties designation - to be conducted prior to the commencement of this proposed highway improvements. If the wall is found to be significant and a contributing property to the historic Hana Belt Road, then mitigation measures - including data recovery work or preservation - may be needed.

Should you have any questions please contact Cathleen Dagbor at 692-8023.

Sincerely,  
  
Peter T. Young  
State Historic Preservation Officer  
CD:jen

TO: P. HOLLY McELDOONEY, ACTING ADMINISTRATOR  
STATE HISTORIC PRESERVATION DIVISION  
DEPARTMENT OF LAND AND NATURAL RESOURCES

FROM: GLENN M. YASUI  
ADMINISTRATOR, HIGHWAYS DIVISION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR HANA HIGHWAY  
REPAIR, TMK: 2-1-1-008:004

Thank you for your letter of September 23, 2003, (LOG NO: 2003.1515, DOC NO: 0308 rt04) which stated your determination of "no adverse effects" regarding architectural concerns.

Regarding archaeology concerns in follow-on discussions with your staff with our environmental consultant Eugene Drahmell, the location of the proposed project in relationship to known historic sites has been identified as being one half to one mile distant and the proposed project site is on a steep slope that is unlikely to have an area of human habitation or occupation. The proposed project site has experienced significant cut and fill at the time of construction of the Hana Highway. A memo from Mr. Aki Sinoio, archaeologist, who has also inspected the project site will be provided for your use.

The existing rock wall along on the roadway edge was constructed as part of Hana Highway is likely to be more than 50 years in age. We will document this wall in the narrative portion of the Final Environmental Assessment. Approximately 115 feet of the total 280 feet of the wall will be modified from the existing grouted rock construction. The wall is 2 feet high on the roadway side and varies from 5 to 15 feet in height on the down slope side. The wall is 18 inches wide with a mortar cap. The wall serves both as a retaining wall for the road and as a barrier to vehicles. The modification of the wall will require removal of approximately 115 linear feet and replaced with either reinforced concrete with a rock veneer facing or a formed concrete face to simulate rock. We estimate that about 165 feet of the original wall will be unaffected by the proposed project.

In accordance with standard procedures established under the State Historic Preservation Act, in the event that cultural remains, burials, artifacts, or other historic property are uncovered during the project, our contractor will stop work and we will notify SHPD.

Michael Foley, Director, Dept of Planning, 250 South High Street, Wailuku, HI 96783  
Cultural Resources Commission, Planning Dept, 250 S. High Street, Wailuku, HI 96783

DS 22361

*Ali Sinoto Consulting - Cultural Resource Management*  
2333 Kapiolani Blvd., Ste. 2100, Honolulu, Hawaii 96819 Tel: (808) 944-5539 Fax: (808) 942-1046

P. Holly Mceldowney  
State Historic Preservation Division  
Page 2

In view of the above, and based on follow-up discussions with Eugene Dashiell and your staff, we understand that SHPD will withdraw its recommendation for archaeological monitoring, described in sub-paragraph 1) of the subject letter. We will comply with sub-paragraph 2) of the subject letter and notify SHPD (Oahu and Maui) of the start and finish of the subject project.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Enclosure  
c: DMT Consultant Engineers (Corey Kogusaka)

October 30, 2003  
Ms. Cathy A. Dagher  
Staff Archaeologist for Maui Island  
State Historic Preservation Division  
Department of Land and Natural Resources  
State of Hawaii  
Kakuhewa Building, Room 555  
601 Kamohila Boulevard  
Kapolei, Hawaii 96707

Dear Cathy:  
Subject: Hana Highway Repair, Hana Highway Near Wailua Lookout, Vicinity Mile Post 19 Between Keamane and Wailua, Maui (TMK 2-1-1-008.004)

On Tuesday, 30 July 2002, Mr. Gene Dashiell and I visited the repair location along the above-referenced segment of the Hana Highway to inspect and photograph the subject area.

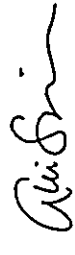
Other than the roadway and associated infrastructures, such as the retaining and outer side protective ("guard rail") wall, no significant archaeological surface remains were observed. The presence of other remains, particularly those not associated with the highway, were deemed to be highly unlikely due to the steep surrounding terrain. The *makaai* side of the highway is a steep, 40-80 foot drop and the *mauka* side is a vertical cut.

The current submission will include narrative descriptions and photographs of the wall. This should fulfill the documentation requirement.

Based on the results of the field inspection, archaeological monitoring during construction does not appear to be warranted for the repair activities along this particular segment of Hana Highway. However, according to normal procedure, should any unanticipated findings be made, work in the immediate vicinity shall be temporarily halted and the resident Maui Island State Archaeologist, Dr. Melissa Kirkendall shall be contacted at 243-5169.

If you have any questions or comments, please contact me at the above numbers.

Sincerely,



Ali Sinoto  
Consulting Archaeologist

cc: Mr. Eugene Dashiell

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PETER S. YOUNG  
 CHIEF OF BUREAU  
 DEPARTMENT OF LAND AND NATURAL RESOURCES  
 501 KOWALEWICZ BOULEVARD, ROOM 555  
 HONOLULU, HAWAII 96813-5087

DEPT. OF TRANSPORTATION  
 200 SOUTH KING STREET  
 HONOLULU, HAWAII 96813-5087

DEPT. OF LAND AND NATURAL RESOURCES  
 501 KOWALEWICZ BOULEVARD, ROOM 555  
 HONOLULU, HAWAII 96813-5087



SEP 23 2003  
 LOG NO: 2003.1515  
 DOC NO: 030804  
 Architecture

Mr. Glenn M. Yasui  
 Administrator  
 Department of Transportation - Highways Division  
 669 Punchbowl Street  
 Honolulu, Hawaii 96813-5087

Dear Mr. Yasui:

**SUBJECT:** Section 106 (NHPA) Review Draft Environmental Assessment for Hana Highway Repair -  
 Near Wallua Lookout (Vicinity of Milepost 19 Between Ke'anae and Wallua)  
 Ke'anae Ahupua'a, Hana District, Island of Maui, Hawaii  
 TIKI (2) 1-1-003,004

Thank you for the submittal dated July 15, 2003. The State Department of Transportation Highways Division (DOT) proposes to install a small roadway cantilever structure on Route 360 Hana Highway near the Wallua Lookout to restore the highway to its original two-lane width. Limited to a length of less than 100 linear feet, the project proposal is for the placement of a reinforced concrete roadway overlain with asphalt paving and with a foundation on concrete drilled shafts that will be approximately 3 feet in diameter and 25 feet in length, extending vertically through earth into bedrock. An existing grouted rock wall that serves as a barrier between the highway and the downslope will be reconstructed with reinforced concrete and a rock facing after the concrete work has been completed. This is a typical repair design used elsewhere on Hana Highway.

**Architectural Concerns**

Since the proposed work mainly involves restoration that is typical for Hana Highway, we believe that the determination for the architectural concerns of the project is "no adverse effects."

**Archaeology Concerns**

A search of our records indicates an archaeological inventory survey has not been conducted of the subject property. This area in general is likely to have once been the location of pre-Contact farming, perhaps with earthen houses. Our records indicate parcel 004 is an LCA, burials are present on the adjacent parcel 002, and a heiau and other sites are present on near-by parcel 011. Other known historic sites located near the proposed project area are SHP 50-50-07-538 (Pu'u Olu Complex) and SHP 50-50-07-539 (Waihanani Complex). In addition, the submitted Draft Environmental Assessment (p.1) indicates a rock wall is present in the project area and currently serves as a barrier between the highway and the "downslope". We wonder if this rock wall is over 50 years old. Given the above information, we believe historic sites (e.g. deposits, habitation, historic structures) may be present in the proposed project area and may have been impacted by the initial road construction. Ground altering activities associated with the proposed highway improvements would further impact these sites. Thusly, we believe there may be "adverse

Glenn M. Yasui  
 Page 2

effect on significant historic sites within the Area of Potential Effect. In order to mitigate any "adverse effect," we recommend on-site archaeological monitoring which would allow the subsurface deposits to be documented as well as any historic roadway structures (such as the existing rock wall). Therefore, we recommend the following conditions be attached to the subject Building Permit Application, should it be approved.

- 1) A qualified archaeological monitor shall be present during ground-altering activities for the construction of the garage and utility installations in order to document any historic properties which may be encountered during the proposed undertaking and to provide mitigation measures as necessary. An acceptable archaeological monitoring plan will need to be submitted to the State Historic Preservation Division for review, prior to the commencement of any ground-altering activities. An archaeological monitoring plan must contain the following nine specifications: (1) The kinds of remains that are anticipated and where in the construction area the remains are likely to be found; (2) How the remains and deposits will be documented; (3) How the expected types of remains will be treated; (4) The archaeologist conducting the monitoring has the authority to halt the construction in the immediate area of the find in order to carry out the plan; (5) A coordination meeting between the archaeologist and construction crew is scheduled, so that the construction team is aware of the plan; (6) What laboratory work will be done on remains that are collected; (7) A schedule of report preparation; (8) Delays concerning the archiving of any collections that are made; and (9) An acceptable report documenting the findings of the monitoring activities shall be submitted to the State Historic Preservation Division for review upon 180 days following the completion of the proposed undertaking.
- 2) The State Historic Preservation Division (Maui and O'ahu offices) shall be notified via facsimile upon the on-set and completion of the proposed undertaking.

Thank you for the opportunity to comment. Should you have any questions regarding architecture please contact Susan Tassaki at 692-8032. Should you have any questions regarding archaeology please contact Catherine Dagher at 692-8023.

Sincerely,  
 Peter T. Young  
 State Historic Preservation Officer

STJ:jan

c Michael Foley, Director, Dept of Planning, County of Maui, 250 South High Street, Waiuku, HI 96793  
 Cultural Resources Commission, Planning Dept, County of Maui, 250 S. High Street, Waiuku, HI 96793  
 Chair, Maui Lani Islands Burial Council  
 Kana Kapuni, Burial Sites Program

Post-it Fax Note	7671	Date	10/16/03	Page	2
To	CCM/Kogasaka	From	SAT/Usale		
Company	Shelton Assoc	On	Hwy-15		
CC	Freddie Gayle	Project #	692-7593		
	10/15/03				

GENEVIEVE SALMONSON  
Page 2  
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HWY-DS 2.1723

HWY-DS 2.1723

SEP 2 8 2003

TO: GENEVIEVE SALMONSON, DIRECTOR  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
235 SOUTH BERTANIA STREET, SUITE 702  
HONOLULU, HAWAII 96813

FROM: RODNEY K. HARAGA  
NO DIRECTOR OF TRANSPORTATION

SUBJECT: HANA HIGHWAY REPAIR, TMK 2-1-1-008: 004, PROJECT NO. 360AB-01-03M  
RESPONSE TO DRAFT ENVIRONMENTAL ASSESSMENT (EA) COMMENTS  
AND FINDING OF NO SIGNIFICANT IMPACT

Thank you for your comments on the subject document. The proposed subject project is essentially a repair and maintenance activity within the existing highway right-of-way.

1) Cumulative effects. First, the subject project is a standalone project and not the first of a series of planned projects. The need for this project was unplanned. Second, regarding construction scheduling overlaps, one of the referenced rockfall projects (mile post 19.18 to 19.52) is scheduled for construction in 2003. Construction for this repair and maintenance project is scheduled for 2004. The other referenced rockfall project (between mile posts 11.05 to 11.31) is scheduled for 2004. The Department of Transportation Highways Division (DOT) will endeavor to construct the two projects concurrently with the same road and lane closure restrictions to reduce construction impacts to the public from an overall time standpoint.

2) Segmentation. The subject project is a standalone project. Preparation of a master plan for the entire Hana Highway is not feasible because there are unplanned projects and changes to project priorities. Furthermore, funding to undertake a study of all projects and their potential impacts is not available. Detailed engineering is needed to determine specific project impacts since they may vary substantially from one project to the next. Because public funding is not available, design details have not been prepared and will only be undertaken when the legislature appropriates funding for individual projects.

3) Figures. The ocean area, where appropriate, will be designated. The special management area boundary is taken from the State Geographic Information System, as stated in the title block of Figure 6. The special management area map in Figure 6, and the inset map that shows the location of the subject project in relation to the shoreline and the Pacific Ocean both have north arrows for orientation. The special management area will be added to the inset map to clarify the map. A verification process with Maui County is underway to assure that the SMA map is as shown in Figure 6.

4) Significance Criteria. The discussion in the EA will be expanded to explain why the impacts will not be significant with regard to erosion hazards.

5) Archaeological and Historic Resources. The proposed work is within the existing right-of-way and the roadway repair will take place within the existing roadway foundation (see Figure 3 of the subject document). This narrow area has already been severely disturbed due to the cut, fill and retaining wall placed during construction of the original highway. Because the underlying foundation material is rock, burials or other cultural deposits are not typically found in such material and no historic sites are known to be in the immediate vicinity of the subject project with the exception of the highway itself. An archaeologist will be on-call during construction for notification of any disturbance of historic or cultural items and the contractor would be required to suspend work in the event of a finding and until the archaeologist or the State Historic Preservation Division can make an appropriate determination.

6) Two-sided pages. Reproduction on both sides of the pages will be considered for the final document.

If there are any questions, please call Scot Urada, Project Manager, at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

bc: HWY-DS (SU)  
HWY-M (FC)  
DMT Consultant Engineers (Corey Kogasaka)

SU:ky



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STATE OF HAWAII OFFICE OF ENVIRONMENTAL QUALITY CONTROL

GENEVIEVE SALMONSON DIRECTOR

LEONA LUCILE DEPUTY DIRECTOR

July 9, 2003

Glenn Yasui Department of Transportation Highways Division 869 Punchbowl Street Honolulu, HI 96813

Attn: Scot Urada

Dear Mr. Yasui:

Subject: Draft environmental assessment (EA) for Hana Highway Repair

We have the following comments to offer:

Two-sided pages: In order to reduce bulk and save on paper, please consider printing on both sides of the pages in the final document.

Cumulative effect: You submitted a draft EA for the Hana Highway Rockfall Mitigation project, notice of which appeared in the February 23<sup>rd</sup>, 2003 Environmental Notice. In my February 26<sup>th</sup>, 2003 letter I asked:

"The draft EA notes that other rockfall areas along Hana Highway are under improvement. What other areas are involved and what is or will be the scheduling overlap between them and the projects at the two areas covered by this EA? What is the cumulative disruptive effect on the public and how will you mitigate it?"

The rockfall project is close to the Waijua Lookout, while the Hana Highway Repair project is near Waijua. In addition to the various rockfall mitigation projects, how will you minimize the disruptive effect to the public of these two projects which are in close proximity?

Segmentation: In addition to the projects mentioned above, what other Hana Highway or Hana region projects are in the planning stages? The environmental review law prohibits segmentation of larger projects and requires that full disclosure of impacts be made on projects in their entirety. If other projects in the Hana region are proposed, then disclosure must be made on all of them. It

Glenn Yasui July 9, 2003 Page 2

is preferable to have a master plan submitted, followed by individual environmental assessments disclosing details which are not known at this point.

Figures: Is the ocean represented in figures 4, 5, 6, and/or 10? In these figures it is not clear which direction is maikai and which is mauka. Figure 6 shows the Special Management Area, which is generally based at the shoreline and extends inland. If the project area is in an SMA, on what is the designation based?

Significance criteria: In criterion #11, "Affects or is likely to suffer damage by being located in an environmentally sensitive area ..." you have noted that the project site is located in an erosion-prone area, which is an environmentally sensitive area. Because of the possibility of this significant impact, the law requires you to prepare an EIS. If you do not believe that the project will suffer unduly because of location in this sensitive area or that the area will suffer unduly from the effects of the project, expand your explanation in the final EA to indicate why the impacts will be minor, or how they can be mitigated to a minor level.

Archaeological and historic resources: According to Tables 1A and 1B the road will be scheduled for complete closure from 9:30 p.m. to 4:30 a.m. for up to 6 weeks, during which ground disturbing activities can take place. The letter in Appendix A from the Historic Preservation Division requires cessation and protection of any unexpected significant finds during the construction period and gives a contact phone number to report such finds. Will you abide by this restriction? Presumably the phone number given is operative during standard business hours. Who or what agency will you contact during the overnight hours in the event of such finds?

If you have any questions, call Nancy Heinrich at 586-4185.

Sincerely,

Genevieve Salmonson GENEVIEVE SALMONSON Director

c: Eugene Dashiell

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OPTIONAL MAIL PERMIT NO. 1001 HONOLULU, HAWAII



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
839 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-3097

NOV 17 2003

RODNEY K. HARAGA  
DIRECTOR  
CORSY KOGASAKA  
ENGINEER  
LUCAS N. JONSTON  
BRUCE N. KERRICK  
WAYNE A. BOTTELHO  
DEPUTY DIRECTOR  
ENVY-DS 2.2360

AJAN M. ARAKAWA  
Mayor  
MICHAEL W. FOLEY  
Director  
WAYNE A. BOTTELHO  
Deputy Director



COUNTY OF MAUI  
DEPARTMENT OF PLANNING

October 1, 2003

DIR T  
DIRECTOR'S OFFICE  
DEPT. OF  
TRANSPORTATION  
703 OCT -2 P 1:51

Mr. Michael M. Foley  
Director  
County of Maui  
Department of Planning  
200 South High Street  
Wailuku, Hawaii 96793

Dear Mr. Foley:

Subject: Draft Environmental Assessment for Hana Highway Repair, TMSK 2-1-1-008:004,  
Portion of Keanae, Wailuku, Maui, Hawaii

Thank you for your letter dated October 1, 2003, regarding the subject Draft Environmental Assessment (Draft EA) and your support of the proposed project. We will be submitting the Final EA to the Office of Environmental Quality Control, and will be submitting a request for an SMA determination from the County of Maui as noted in your letter in the near future.

If there are any questions, please contact Mr. Scot Urada at 692-7553, Technical Design Services Office, Design Branch, Highways Division.

Very truly yours,

RODNEY K. HARAGA  
Director of Transportation

Enclosure

c: DMT Consultant Engineers (Cory Kogasaki)

DEPT OF TRANSPORTATION  
2003 OCT -6 A 10:40  
HIGHWAYS DIVISION

Mr. Rodney K. Haraga, Director  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097  
Attention: Mr. Scot Urada

Dear Mr. Haraga:

RE: Draft Environmental Assessment for Hana Highway Repair,  
Tax Map Key No. 1-1-008:004, Portion of Keanae, Wailuku, Island of  
Maui, Hawaii

The Maui Planning Department (Department) has reviewed the above referenced document, and has the following comments to offer:

1. The Department confirms that the proposed project is located on a portion of Hana Highway that is listed on both the National and State Register of Historic Sites.
2. The Department supports the cantilevered approach as it will not change the alignment or character of the existing roadway.
3. The existing rock wall will be reconstructed with a concrete wall and a rock facing. The Department requests that a rock veneer, matching the remaining wall as close as possible, be used to cover the concrete wall.
4. The Hana Highway is located within the Special Management Area (SMA) as defined by the Maui Planning Commission. A Special Management Area Assessment determination of the proposed project cannot be made until after the Chapter 343 process has been completed. The SMA Rules of the Maui Planning Commission prohibits the Department from making an assessment determination prior to the completion of the Chapter 343 process.

PLANNING DIVISION (808) 270-7735; ZONING DIVISION (808) 270-7251; FACSIMILE (808) 270-7634

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RALPH M. NAQUARIE, L.S., P.  
Development Services Administrator  
TRACY ZIGMARE, P.E.  
Wastewater Pollution Districts  
LLOYD P.C.W. LEE, P.E.  
Engineering Division  
BRIAN HUSBERG, P.E.  
Highways Division  
JOHN D. HARGER  
Solid Waste Division



COUNTY OF MAUI  
DEPARTMENT OF PUBLIC WORKS  
AND ENVIRONMENTAL MANAGEMENT  
DEVELOPMENT SERVICES ADMINISTRATION  
250 SOUTH HIGH STREET  
WAILUKU, MAUI, HAWAII 96793

ALANI A. ARAKAWA  
Mayor  
GILBERT S. COLONIA-AGUIRRE  
Director  
MILTON M. ARAKAWA, A.I.C.P.  
Deputy Director

Mr. Rodney Hiraga  
October 1, 2003  
Page 2

- 5. The SMA Assessment will allow the County to determine whether the proposed project qualifies as an action "exempted" under Chapter 205A, or whether a SMA permit will be required.

Thank you for the opportunity to provide comments.

Should you require further clarification, please contact Ms. Robyn L. Loudermilk, Staff Planner, of this Department, at 270-7735.

Sincerely  
*Michael W. Foley*  
MICHAEL W. FOLEY  
Planning Director

MWF:RL:lar  
c: Clayton I. Yoshida, AICP, Planning Program Administrator  
Robyn L. Loudermilk, Staff Planner  
Long Range Division  
CRC Members  
CRC File  
Project File  
General File  
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August 28, 2003

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SEP 5 2003  
TECHNICAL DESIGN SVCS OFC  
DEPT. OF TRANSPORTATION  
Mr. Scot Urada  
DEPARTMENT OF TRANSPORTATION  
TECHNICAL DESIGN SERVICES, DESIGN BRANCH  
HIGHWAYS DIVISION  
869 Punchbowl Street  
Honolulu, Hawaii 96793

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT  
HANA HIGHWAY REPAIR AT WAILUA LOOKOUT  
TMK (2)1-1-008:004

Dear Urada:

We reviewed the subject draft environmental assessment and have no comments at this time.

If you have any questions, please call Milton Arakawa at (808)270-7845.

Very Truly Yours,

*Milton Arakawa*  
for Gilbert Coloma-Agaran  
Director of Public Works and  
Environmental Management

RMN:mnc

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Post-It® Fax Note 7871

To: Carey Kuyssak	From: Scot Urada
Count: 1	Co: HNY-03
Phone #	Phone # 612-7563
Fax # 921-3451	Fax #

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PHONE (808) 594-1863



STATE OF HAWAII  
OFFICE OF HAWAIIAN AFFAIRS  
711 KAPUOLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

FAX (808) 594-1865

DIRECTOR'S OFFICE  
DEPT. OF  
TRANSPORTATION

283 AUG 14 P 2:20

HRD#03/1035

July 28, 2003

Mr. Rodney K. Haraga  
Director  
Department of Transportation  
State of Hawaii 96813-5097

SUBJECT: HANA HIGHWAY REPAIR - DEA

Dear Mr. Haraga:

Thank you for the opportunity to review and comment on the above referenced DEA for Highways Repair near Wallua.

The Office of Hawaiian Affairs (OHA) have no comments on the proposal. If you have any questions, please contact Jerry B. Norris at 594-1847 or email him at [jbn@oha.org](mailto:jbn@oha.org).

Sincerely,

Peter L. Yee  
Director  
Nationhood and Native Rights Division.



STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOME LANDS

RECEIVED  
MICHAEL A. KANE  
CHAIRMAN  
HAWAIIAN HOME LANDS COMMISSION  
1211 KEMERUCON  
DEPT. OF TRANSPORTATION  
HONOLULU, HI 96813-5097

STATE OF HAWAII  
DEPT. OF TRANSPORTATION

July 15, 2003

Mr. Gary C.P. Choy, Engineering Program Manager  
Design Branch, Highways Division  
Department of Transportation  
869 Punchbowl Street  
Honolulu, HI 96813-5097

Dear Mr. Choy:

Subject: Draft Environmental Assessment for Hana Highway Repair, TRK 2-1-1-8:04, Wallua, Hana, Maui, Dated June, 2003

Thank you for the opportunity to review the subject application. The Department of Hawaiian Home Lands has no comment to offer.

If you have any questions, please call Daniel Ornellas of our Planning Office at 586-3836.

Aloha and mahalo,

Daniel Ornellas  
Chairman  
Hawaiian Home Land Commission

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HIGHWAYS DIVISION

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