

State of Hawaii
Department of Transportation
Highways Division

**DOCUMENTATION FOR CATEGORICAL EXCLUSIONS
LISTED UNDER 23 CFR §771.117(d)**

Project Title: Castle Hills Access Road Drainage Improvements

Project No.: HWY-O-04-98 STP 0300(122)

1) DESCRIPTION

Attach project location map and other appropriate graphics.

| | | | |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------|
| <i>Estimated Project Cost</i> ROW: \$8,165,600 CON: \$3,348,550 | | <i>Project Length</i> .0284 mi (.0457km) | <i>Number of Lanes</i> 2 Existing 2 Proposed |
| <i>Design Speed</i> 25 mph Existing 25 mph Proposed | <i>Functional Classification - 1 = Principal Arterial, 2 = Minor Arterial, 3 = Major Collector, 4 = Minor Collector, 5 = Local Road</i> 4 Existing 4 Proposed | | <i>Proposed Typical Section</i> X Rural Urban |
| <i>Bridge</i> Yes X No (Name of bridge) | | <i>Bridge Sufficiency Rating</i> NA | <i>Bridge ID</i> NA |

Project Description:

The State of Hawaii, Department of Transportation (HDOT), Highways Division (HWY) is proposing to demolish and remove ten (10) residential structures in Kaneohe, Oahu, Hawaii. HDOT is also proposing to demolish the existing concrete rubble masonry (CRM) outlet structure and replace it with a new reinforced concrete drop structure to reduce the flow velocity and dissipate energy. Gabion apron and walls will also be installed to provide erosion control and stream bank stabilization. See Attachment A.

Phase 1 of the project is anticipated to start construction in December 2010 and be completed in July 2011. Phase 2 of the project is anticipated to start construction in August 2011 and be completed in October 2012.

The project will be federally and stated funded.

2) ISSUES

Any response in a shaded box requires items 3 - 6 to be completed. Otherwise, skip to item 7.

| | YES | NO |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| SOCIAL-ECONOMIC FACTORS | | |
| A. General Economics - Adverse effects on the general economics of the community. | | X |
| B. Community & Residential - Changes in the access controls along the length of the project. | | X |
| C. Industrial & Commercial - Changes in the access controls along the length of the project. | | X |
| D. Prime, Unique, Statewide, Local Important Farmland - Land on the Agricultural Lands of Importance for Hawaii Classification (ALISH) will be acquired. | | X |

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|------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
| E. Land Use/Urban Policy - <i>Consistent</i> with the local transportation improvement plans, land use plans and urban policy. | X | |
|------------------------------------------------------------------------------------------------------------------------------------------|----------|--|

| | YES | NO |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| F. Right-of-Way <ul style="list-style-type: none"> - Right of way that may be acquired by fee simple purchase, permanent or temporary easement, right of entry, gift, or other device are <i>within</i> the following limits: <ol style="list-style-type: none"> 1. <u>Resurfacing, Reconditioning, Restoration, Rehabilitation Projects.</u> <ol style="list-style-type: none"> a. Permanent – Less than one acre for any one mile (0.25 ha for any 1 km) b. Temporary – Less than 2 acres for any one mile (0.5 ha for any 1 km) 2. <u>Bridge Rehabilitation (including full deck replacement) or Minor Replacement</u> Less than one half acre (0.2 ha) per bridge | X | |
| <ul style="list-style-type: none"> - <u>Displacements</u> Residential, commercial, or industrial displacements. Vacant buildings which are not significant cultural resources may be acquired | X | |
| G. Environmental Justice <ul style="list-style-type: none"> - Neither minority nor low-income populations <i>will receive</i> disproportionately high or adverse impacts as a result of the proposed project. | X | |
| NATURAL & PHYSICAL ENVIRONMENTAL FACTORS | | |
| H. Wetlands <ul style="list-style-type: none"> - A Section 404 permit is required. | X | |
| I. Flood Plains <ul style="list-style-type: none"> - Encroachment into a floodplain. | X | |
| J. Streams, Rivers, Shoreline Encroachments <ul style="list-style-type: none"> - A Section 404 permit is required. - <i>Contradictory</i> with the goals of the Coastal Zone Management Plan. - Use of lands, waters, or rivers designated as Wild/Scenic Rivers by the U.S. Government. (<i>DOI National Park Service and/or US Fish & Wildlife Service</i>) - Permit required from the United States Coast Guard & Department of Accounting and General Services (DAGS). <p>The project is consistent with the Coastal Zone Management Plan.</p> <p>The project does not use lands, waters or rivers designated as Wild/Scenic Rivers by the U.S. Government. A permit is not required from the U.S. Coast Guard and the Department of Accounting and General Services (DAGS).</p> | X | |
| K. Rare, Threatened & Endangered Species <ul style="list-style-type: none"> - Adverse effects on rare, threatened, and endangered species or their habitat. | | X |
| L. Section 106, Historical & Cultural <ul style="list-style-type: none"> - Adverse effects to a significant cultural and/or historical resource. (<i>Cultural and historical resources are significant only if they are on or eligible for the National Register of Historic Places.</i>) | | X |
| M. Section 4(f) or 6(f) Properties <ul style="list-style-type: none"> - Acquisition of lands under the protection of Section 6(f) of the Land And Water Conservation Act 1965. - Use of lands or other properties under the purview of Section 4(f) unless a Programmatic Section 4(f) approval has been made by the FHWA. | | X |

| | YES | NO |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| N. Air Quality <ul style="list-style-type: none"> - Anticipate Carbon Monoxide levels that exceed 90% of the Federal standards of 9 ppm in 8 hours. - Mobile Source Air Toxics (MSATs). Projects on 23 CFR 771.117(c) list or exempt under Clean Air Act conformity rule 40 CFR 93.126, need only to document this fact. <p>If the project is not listed in the 23 CFR 771.117(c) or 40 CFR 93.126, does the project result in increase in traffic volumes, changes in vehicle mix, modifies the location of the existing facility, or any other factor that would cause a meaningful increase in emissions impacts relative to the no-build alternative? If no, this effort is exempt from analysis for MSATs. Complete and attach MSAT FORM 1 as documentation.</p> | | X |
| O. Noise Quality <ul style="list-style-type: none"> - A noise analysis is required per 23 CFR § 772.5. | | X |
| P. Hazardous Waste <ul style="list-style-type: none"> - Properties with hazardous waste will be acquired. <p>A hazardous material survey was conducted in 2007 for the ten (10) properties that are proposed to be demolished. The survey found lead-based paint, asbestos and arsenic containing material at the three (3) homes along Pilina Way.</p> | X | |
| Q. Visual and Aesthetic <ul style="list-style-type: none"> - Adverse effect to viewshed. | | X |
| Recommendations: | | |

3) **PURPOSE AND NEED**

Purpose and need of proposed action. Include description of existing facilities, abutting facilities, and how the action links into the overall transportation system. **When appropriate**, show that this project does not restrict consideration of alternatives for other reasonably foreseeable transportation improvements.

See Attachment A

4) **ALTERNATIVES**

Summary of the alternatives considered and if they are not proposed for adoption, why not. (Identify which, if any, of the alternatives is the preferred alternative.)

See Attachment B

5) **PUBLIC INVOLVEMENT**

Briefly summarize the status and result of public involvement. Include the dates and results of coordination with local units of government, if any.

A Final Environmental Assessment and Finding of No Significant Impact was issued for the project in May of 2006. In addition to this publically circulated document and review process, the State of Hawaii Department of Transportation held public informational meetings during the property acquisition and design process which informed the public and interested parties of the proposed improvements.

Subsequent meetings with the affected parties were held until mutually agreeable terms were negotiated prior to the acquisition process.

6) IMPACTS

Provide a description of the impacts. Also attach coordination and concurrence letters requested (See Instructions for Categorical Exclusions.) If the coordination letters are not attached, provide information on what coordination has taken place.

See Attachment C

7) DETERMINATION

X Categorical Exclusion

It is determined, after review of this document, and coordination with other agencies, that this project was demonstrated that no significant environmental effects will result.

Environmental Assessment (EA) / Environmental Impact Statement (EIS)

It is determined, after review of this document, and coordination with other agencies, that further study is required to determine if there will be significant environmental consequences. An Environmental Assessment is required.

SIGNATURES

Prepared By:

6-21-10
Date

Karen Chun
Project Engineer/Manager
Hawaii Department of Transportation

Approved By:

JUL 01 2010
Date

[Signature]
Administrator, Highway Division
Hawaii Department of Transportation

9-23-2010
Date

[Signature]
Federal Highway Administration
Transportation Engineer