

**DEPARTMENT OF TRANSPORTATION
HAWAII STATE TRANSPORTATION PLAN**

Mission: To facilitate the safe, economic, efficient, and convenient movement of people and goods.

HSTP CODE	DESCRIPTION OF GOALS	HSTP CODE	DESCRIPTION OF OBJECTIVES
MOBILITY AND ACCESSIBILITY			
G1	Goal 1: Achieve an integrated multi-modal transportation system that provides mobility and accessibility for people and goods.	G101	Objective 1: To preserve, maintain, and improve the transportation system infrastructure and facilities. A. Improve connectivity of the transportation system. B. Increase capacity. C. Pursue the maintenance and rehabilitation of the transportation system. D. Ensure provision of essential operations and facilities.
		G102	Objective 2: To increase the efficiency of the transportation system operations. A. Enhance intermodal connectivity. B. Employ strategies to reduce transportation demand. C. Enhance performance of the transportation system.
		G103	Objective 3: To promote alternative transportation mode choice. A. Provide a reasonable level and variety of public transit services that adequately meet statewide and community needs. B. Provide affordable, viable alternatives that are convenient and accessible. C. Promote pedestrian and cyclists safety.
		G104	Objective 4: To reduce congestion and delay. A. Increase capacity. B. Employ strategies to reduce transportation demand.
SAFETY AND SECURITY			
G2	Goal 2: Ensure the safety and security of transportation systems.	G201	Objective 1: To enhance the safety of the transportation system. A. Promote safe facilities and infrastructure. B. Promote the safe use of the transportation systems.
		G202	Objective 2: To ensure the secure operation and use of the transportation system. A. Employ various safety and security measures as required. B. Utilize law enforcement at problem locations.
ENVIRONMENT AND QUALITY OF LIFE			
G3	Goal 3: Protect and enhance the environment and improve the quality of life.	G301	Objective 1: To provide a transportation system, that is environmentally compatible and sensitive to cultural and natural resources. A. Provide facilities and infrastructure that are environmentally friendly. B. Manage and operate the transportation system in an environmentally responsible manner. C. Support environmentally responsible programs and activities.
		G302	Objective 2: To ensure that the transportation system supports comprehensive land use policies and livability in urban and rural areas. A. Provide a transportation system that supports and enhances quality of life. B. Encourage the use of non-motorized transportation modes. C. Minimize disruption of existing neighborhoods due to transportation.
ECONOMIC DEVELOPMENT			
G4	Goal 4: Support Hawaii's economic vitality.	G401	Objective 1: To provide and operate a transportation system to accommodate existing and emerging economic developments and opportunities. A. Provide a direct, convenient, and physically suitable system for goods movement to transportation facilities and commercial and industrial areas. B. To promote efficient and cost effective operations of the transportation system.
		G402	Objective 2: To provide a transportation system that balances the need for economic development with quality of life issues. A. Make transportation investments that reflect each islands scale and foster the quality of life of the people who live there. B. Target transportation investments in coordination with community involvement.
INTEGRATED STATEWIDE PLANNING, PROGRAMMING, AND DECISION-MAKING			
G5	Goal 5: Achieve a Statewide Planning Process that is comprehensive, cooperative, and continuing.	G501	Objective 1: To improve coordination and cooperation between all levels of government, the private sector, and the general public. A. Supports and conducts the Statewide Transportation Planning Process. B. Improve communication between all levels of government, the private sector, and the general public. C. Integrate approved policies, programs, and plans from all levels of government.
		G502	Objective 2: To involve the public and stakeholders to the fullest practicable extent in the planning and implementation of the transportation system. A. Develop programs to ensure opportunity for public and stakeholders' involvement. B. Ensure responsiveness to public concerns.
		G503	Objective 3: To develop and maintain a transportation financial structure that provides adequate and dependable resources. A. Optimize all possible financial resources. B. Develop an ongoing comprehensive financial program.

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)**

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ENHANCEMENT PROJECTS		Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
STATEWIDE - FHWA											
S1.	Bikeway Improvements at Various Locations, Statewide	Implementation of State bike projects identified on Bike Plans.	N	L	L	N	N	Y	Y	G101-4, G201-2, G301-2, G401-2, G501-2	De-federalize funds in FFY 2014 and FFY 2016 since the design will be entirely locally funded.
S8.	Pedestrian Facilities and ADA Compliance at Various Locations	Address ADA compliance needs, statewide.	N	L	L	N	Y	Y	Y	G101-4, G201-2, G301-2, G401-2, G502	Defer program since scope has yet to be determined. Defer DES in FFY 2014 from \$204K to \$208K in FFY 2015 and \$200K of DES in FFY 2014 to an out year. \$2M of CON in FFY 2015 has also been deferred to an out year.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Replacement Program (State)	Bridge Inspection & Appraisal (City)	Pavement Management System (State)	Roadway Pavement Condition Survey (City)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #18
OAHU : STATE - FHWA																		
OS82.	Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A	Replace a timber bridge in the vicinity of Makaha Beach Park.	H	N/A	N/A	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	Defer and inflate ROW from \$1.08M in FFY 2014 to \$1.1M in FFY 2015; and CON from \$16.225M in FFY 2014 to \$16.55M in FFY 2015; and ADVCON from \$11.98M in FFY 2015 to \$3M in FFY 2016. The Cat Ex will not be in finished in FFY 2014 for ROW and CON obligation.
OS98.	Kamehameha Highway (Route 83), Bridge Replacement, Hoolapa (Nanahu) Stream Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	New project. To be developed by Central Federal Lands
OS98.	Kamehameha Highway (Route 99), Bridge Rehabilitation, Kipapa Stream (Roosevelt) Bridge	Rehabilitate the existing bridge.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	New project. To be developed by Central Federal Lands
OS40.	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	Defer and inflate PREROW from \$102K in FFY 2014 to \$104K in FFY 2015. A design contract has not been executed yet.

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OS97.	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	The description of work would be to design, construct and operate a truck weigh station to perform truck inspections and driver credential checks at the egress of the container terminal on Sand Island Access Road. The work includes auxiliary lanes to accommodate truck vehicles, traffic controls, truck weighing infrastructure and computer hardware/ software, operator kiosk/ office.	N/A	N/A	N/A	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G301, G501	Defer and inflate DES from \$130K in FFY 2014 to \$132K in FFY 2015 and ROW from \$125K in FFY 2014 to \$128K in FFY 2015. Environmental documents will not be ready to obligate DES in FFY 2014.
CITY & COUNTY OF HONOLULU - FHWA																		
OC4.	Bridge Inspection and Appraisal	Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.	N/A	H	N/A	L	H	L	Y	Y	N	Y	Y	Y	Y	Proj.42	G101-2, G201-2	In FFY 2014, revised cost estimates to reflect anticipated costs. Decreased DES by \$100,000. Reprogrammed \$80,000 to project OC2 (Alapai Transportation Management Center) and decreased estimated total project cost by \$100,000.
OC9.	Seismic Bridge Retrofit	Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.	N/A	H	N/A	L	L	L	Y	Y	N	Y	Y	Y	Y	Proj.42	G101-2, G201-2	In FFY 2014, revised cost estimates to reflect anticipated costs. Reprogrammed \$1.2 million to project OC2 (Alapai Transportation Management Center) and decreased estimated total project cost by \$1.2 million.

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SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #18
OAHU : STATE - FHWA																	
OS14.	Guardrail and Shoulder Improvements, Various Locations	Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.9	G101-2, G201-2, G301-2, G401	Revise location description for Phase 1 from "Interstate Route H-1" to "Oahu" since the scope has been expanded to islandwide. Defer and inflate CON from Phase 1 from \$2.142M in FFY 2014 to \$2.185M in FFY 2015 since the environmental documents will not be ready by FFY 2014.
OS35.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	L	N	N	Y	N/A	Y	Y	Y	Proj.12	G101-3, G201-2, G301-2, G401	Defer and inflate DES from \$900K in FFY 2014 to \$918K in FFY 2015. The design for this project is dependent on the completion of project OS34.
OS62.	Kamehameha Highway, Safety Improvements, Vicinity of Kahekili Highway to Waikane Valley Road	Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.10	G101-3, G201-2, G301-2, G401	Defer and inflate CON from \$2.5M in FFY 2014 to \$2.55M in FFY 2015 since design has just started and CON will not be ready for obligation in FFY 2014.

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CITY & COUNTY OF HONOLULU - FHWA																	
OC10.	Traffic Improvements at Various Locations	Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.	L	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.39	G101-3, G201-2, G301, G401	In FFY 2014, revised cost estimates to reflect anticipated costs. For the Palolo Area project, decreased CON by \$1,125,000. Reprogrammed \$900,000 to project OC2 (Alapai Transportation Management Center) and decreased estimated total project cost by \$498,000. Also, deleted the "To be determined" project from the project location list. Reprogrammed \$50,000 to OC2 (Alapai Transportation Management Center).

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CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Traffic Signal Warrants	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #18
CITY & COUNTY OF HONOLULU - FHWA																			
OC2.	Alapai Transportation Management Center	The transportation management center will be a joint communication center to be built in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.	N/A	N/A	N/A	L	L	M	N/A	N	N	Y	Y	Y	Y	Y	Proj.5	G101-2, G104, G201-2, G302, G401, G501	In FFYs 2014-2016, revised cost estimates to reflect anticipated costs. For the "Management Center Building, Phase 2 - Building/On-Site Work," added CON. To fund this phase, reprogrammed \$1.2 million from project OC9 (Seismic Bridge Retrofit), \$80,000 from project OC4 (Bridge Inspection and Appraisal), and \$950,000 from project OC10 (Traffic Improvements at Various Locations). In FFYs 2015-2016, added ADVCON. This is needed to align with project cash flow requirements. Also, in FFYs 2014-2016, DES/CON for the "Management Center Building, Phase 1 - Utility Infrastructure/Off-Site Work" is decreased. Increased estimated total project cost by \$2,230,000.
OC25.	Kuakini Street Extension	Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.	H	L	M	M	L	M	N/A	Y	N	N	N/A	Y	Y	Y	Proj.39	G101-4, G201-2, G301-2, G402	Decreased estimated total project cost by \$2,655,000. Recalculated estimated total project cost to be more accurate and consistent with engineer's estimated cost.
OC11.	Traffic Signals at Various Locations	Install, modify and upgrade traffic signals island wide, including ADA improvements, signs and markings and interties. The project provides for the safe and orderly movements of pedestrians and vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility and coordination.	H	L	N	M	L	L	Y	N/A	Y	N	Y	Y	Y	Y	Proj.39	G101-4, G201-2, G301-2, G401	Decreased estimated total project cost by \$1,284,000. Recalculated estimated total project cost to be more accurate.

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MODERNIZATION PROJECTS		Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #18
OAHU : STATE - FHWA																		
OS22.	Interstate Route H-1, Kapolei Interchange Complex	Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.	N/A	L	H	H	M	M	N	N	N	N/A	Y	Y	Y	Proj .15	G101-2, G104, G201-2, G302, G401	Defer and incr CON for Phase 2 in FFY 2014 from \$50M to \$60M in FFY 2015. Estimate has been updated. Revise ADVCON from \$20M in FFY 2015 and \$11.16M in FFY 2016 to \$13M in FFY 2016. Defer and inflate DES for Phase 3 from \$560K in FFY 2015 to \$571K in FFY 2016. Defer Phase 3 CON and entire Phase 4 to out years. There has been a delay in executing utility agreements.

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TRANSIT PROJECTS		Project Description	Maintains Existing System	Completes Multi-Phase Project	Enhances Hub-and Spoke System	Enhances Safety and Security	New Transit Service	Local Match In Year 1 Budget	Local Match Probable In Years 2,3 or 4 Budget	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #18
CITY & COUNTY OF HONOLULU - FTA																
OC14.	Bus and Handi-Van Acquisition Program	Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.	Y	N/A	N/A	N	N	Y	N/A	N/A	Y	Y	Y	Proj.40	G101-4, G201-2, G301-2, G401, G501	In FFY 2014, revised cost estimates to reflect anticipated costs. Added EQP phase in the amount of \$11,229,000 funded by §5307/5340 (2014) fund. Increased EQP by \$28,000 and changed funding from §5337 SOGR to 5337 SOGR (2014). Decreased EQP funded by §5339 (2013) fund in the amount of \$4,538,000 and added EQP in the amount of \$4,270,000 funded by §5339 (2014) fund. Increased estimated total project cost by \$10,989,000.
OC19.	Preventive Maintenance	Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.	Y	N/A	N/A	N/A	N/A	Y	Y	Y	Y	Y	Y	Proj.40	G101-4, G201-2, G301-2, G401, G501	In FFY 2014, revised cost estimates to reflect anticipated costs. Decreased OPR funded by §5307/5340 by \$4 million. Decreased estimated total project cost by \$4 million.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system. No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
HAWAII : STATE - FHWA												
HS42.	Bridge and Pavement Improvement Program, Hawaii	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	Federalize one (1) project--Hawaii Belt Road (Route 19) Resurfacing, Pepeekeo to Hakalau, MP 10 to MP 15 (\$21.254M total) in FFY 2014.
HS29.	Mamalaho Highway (Route 11), Hilea Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Advance \$810K of DES in FFY 2015 to FFY 2014 so funds can be obligated this FFY.
HS44.	Mamalaho Highway (Route 11), Ninole Stream Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	New project. Project to be developed by Central Federal Lands.

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CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e., private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #18
HAWAII : STATE - FHWA													
HS34.	Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.	N	Y	L	H	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate ROW from \$171K in FFY 2014 to \$175K in FFY 2015 and CON from \$1.19M in FFY 2014 to \$1.215M in FFY 2015. Section 106 delays are holding up this project.

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	HAWAII : STATE - FHWA												
HS20.	Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa, Phase 1	Improve traffic capacity, circulation and safety along Route 130.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate PREROW from \$102K in FFY 2014 to \$104K in FFY 2015 since no design contract has been executed yet.
HS41.	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion, Phases 1 & 2	Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.	Y	Y	L	M	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Defer and inflate Phase 2 CON from \$2.1M in FFY 2014 to \$2.18M in FFY 2016. A new scope is needed to relocate overhead utility lines.
HS24.	Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate DES from \$790K in FFY 2014 to \$806K in FFY 2015 since the Environmental Assessment needs to be re-evaluated.
HS33.	Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kilauea (Rte 1920) Kanoelehua Ave (Rte 11)	Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.	Y	N	L	L	Y	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate PREROW from \$51K in FFY 2014 to \$52K in FFY 2015 due to Section 106 delays.
HS36.	Saddle Road Daniel K. Inouye Highway Extension	New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Updated the name of the route

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MODERNIZATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
Proj.	Obj.												
HS37.	Saddle Road Daniel K. Inouye Highway (Route 200) Improvements, Phase 2D: East Side Grade & Pave, MP 6 to 11; West Side, MP 42 to Mamalahoa Hwy	Widen and/or realign the existing two-lane highway.	Y	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Updated the name of the route. The West Side has been completed so \$20M of earmark funds in FFY 2014 will be deleted.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
MAUI : STATE - FHWA												
MS36.	Bridge and Pavement Improvement Program, Maui	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	Federalize two (2) projects-- Kekaulike Ave (Route 377) Resurfacing, Haleakala Crater Rd to Kula Hwy, MP 6.03 to MP 9.17 (\$3.7M total) in FFY 2014; and Mokulele Hwy (Route 311) PPM, Kuihelani Ave to Humane Society, MP 0 to MP 2 (\$4.5M total) in FFY 2014.
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate ROW from \$825K in FFY 2014 to \$540K in FFY 2015 since the Environmental Assessment will not be ready in FFY 2014 to obligate ROW and CON.
MS31.	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	Shoreline protection for approximately 1000 feet of Highway on the west side of Hekiil Point.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate CON from \$3.18M in FFY 2014 to \$3.245M in FFY 2015 since ROW will not be procured in time for CON obligation in FFY 2014.
COUNTY OF MAUI - FHWA												
MC50.	Baldwin Avenue (RTE 390) Resurfacing, Ph 1, Makawao Ave to Haliimaile Road	Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles	N	Y	L	M	N	N	Y	N	G101-2, G201, G301	Update Phase 1 CON estimate in FFY 2014 from \$1.892M to \$1.828M.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
MC#	Project Name											
MC5.	Hansen Road Pavement Reconstruction, Hana Highway to Puunene Avenue	Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$4.875M to \$6.398M.
MC59.	Kokomo Road (RTE 366) and Makawao Avenue (RTE 365) Pavement Rehabilitation, Hanamalia Place to Piihola Road	Resurface pavement on Kokomo Road and Makawao Avenue from Hanamalia Place to Piihola Road. Improvements may include pavement striping and marking, signage and utility adjustments. Approx length = 4.0 miles	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$5.15M to \$7.309M.
MC52.	Lono Avenue (Route 3950) Pavement Rehabilitation, Phase 2, Laau Street to Makalii Street	Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$867K to \$1.911M.
MC53.	Old Haleakala Hwy (Rte 367) and Makani Rd (Rte 3630) Resurfacing, Aeloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Bypass. Including pavement striping and marking and utility adjustments. Total length is 1.7 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and increase CON from \$3.5M in FFY 2014 to \$4.409M in FFY 2015. Waiting on NPDES permit and utility review.
MC54.	Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr (Rte 3137) Pavement Rehabilitation, Okolani Dr to Wailea Ike Dr & Piilani Hwy to Wailea Alanui Dr	Rehabilitate pavement on Wailea Alanui Drive and Wailea Ike Drive from Okolani Drive to Wailea Ike Drive and Piilani Highway to Wailea Alanui Drive. Includes striping and marking, signage and safety improvements. Approx 1.4 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$2.244M to \$5.914M.

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SAFETY PROJECTS		Project Description	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
MAUI : STATE - FHWA												
MOLOKAI												
MS20.	Guardrail and Shoulder Improvements Program at Various Locations, Molokai, Parts 1, 2 & 3	Improve guardrail and shoulders.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate Part 2 CON from \$765K in FFY 2014 to \$795K in FFY 2016 since the project is being scoped now and will not be ready for CON this year. Delete Part 3 CON from \$750K in FFY 2015 since it is not needed.

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CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
COUNTY OF MAUI - FHWA													
MC35.	Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502 Update CON estimate in FFY 2014 from \$749K to \$708K.	

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MODERNIZATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
MAUI : STATE - FHWA													
MS7.	Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Advance and decrease DES from \$2.04M in FFY 2015 to \$50K in FFY 2014 so that work can begin on procurement documents.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
KAUAI : STATE - FHWA												
KS25.	Bridge and Pavement Improvement Program, Kauai	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	Federalize two (2) projects--Kauaualii Hwy (Route 50) PPM, Phase 1, MP 8.92 to MP 21.35, Koloa Rd to Vicinity of Huleia Bridge (\$8.6M total) in FFY 2014; and Kauaualii Hwy (Route 50) PPM, Phase 2, MP 17.02 to MP 20.33, Waimea River Bridge to Lele Rd (8.7M total) in FFY 2014.
KS5.	Kaunualii Highway (Route 50), Bridge Rehabilitation, Omao Bridge	Rehabilitation of concrete T-girder bridge on Kaunualii Hwy in the vicinity of Omao Road.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate ROW from \$106K in FFY 2014 to \$108K in FFY 2015 since ROW maps are not ready yet.
KS30.	Kuhio Highway (Route 5660), Bridge Replacement, Wainiha Bridges No. 1, No. 2 & No. 3	Replace existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	New project. Project to be developed by Central Federal Lands.
KS29.	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.	N	N	L	H	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate CON from \$12M in FFY 2014 to \$12.24M in FFY 2015 due to an outstanding construction easement. Also defer and inflate ADVCON from \$8M in FFY 2015 to \$8.16M in FFY 2016.

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
COUNTY OF KAUAI - FHWA												
KC13.	Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW) Rehabilitation	Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the-Kaumualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$2.4M to \$3M
KC23.	Resurfacing of Collector Roads, Various Locations, Island of Kauai	Anahola Road, MP 0.0 to MP 0.75, Mailihuna Road, MP 0.0 to MP 0.5, Hauaala Road, MP 0.0 to MP 1.1, Olohena Road, MP 0.0 to MP 5.0, and Moi Road MP 0.0 to MP 0.75, will be resurfaced. The project includes reconstructing weakened pavement areas, resurfacing, and replacing pavement markers, striping, and traffic signs.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Update CON estimate in FFY 2014 from \$2.3M to \$3.85M

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SAFETY PROJECTS		Project Description	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
KAUAI : STATE - FHWA												
KS1.	Guardrail and Shoulder Improvements on State Highways, Kauai, Parts 1, 2 & 3	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate Part 2 CON from \$1M in FFY 2014 to \$1.02M in FFY 2015 since environmental permits are still needed.

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ENHANCEMENT PROJECTS		Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #18
COUNTY OF KAUAI - FHWA											
KC1.	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Update DES estimate in FFY 2014 from \$1.102M to \$250K. Add \$250K for PREROW in FFY 2014. Defer and update CON estimate from \$5.175M in FFY 2014 to \$7.28M in FFY 2016 since environmental clearance is still pending.
KC9.	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phases B, & C & D	Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - starts at the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the N side of Waipouli Canal at Kuhio Hwy.	Y	L	H	N	Y	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Add new Phase A-1 in FFY 2014 for \$1.75M, which was originally part of Phase A. Update Phase C & D ROW estimate in FFY 2014 from \$270K to \$750K. Defer and inflate Phase C & D CON from \$1.59M in FFY 2014 to \$1.621M in FFY 2015 since environmental clearance is still pending.

*Kaihalulu
Beach*

OS98

*Kahuku Airfield
(abandoned)*



PROJECT SITE

*Hanakailio
Beach*

**TRN: 501
KAMEHAMEHA HIGHWAY, BRIDGE REPLACEMENT
HOOLAPA (NANAHU) STREAM BRIDGE**

KAMEHAMEHA

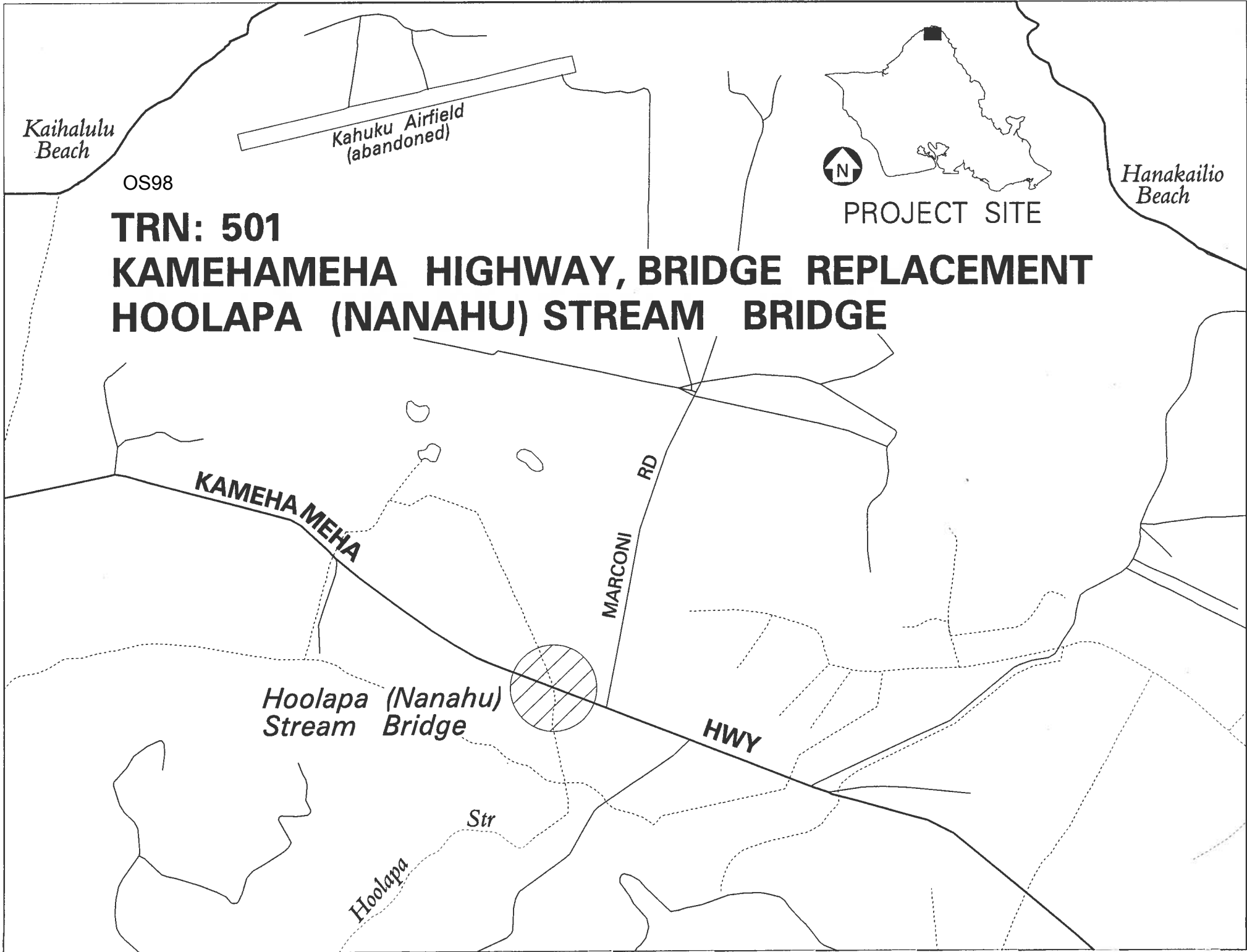
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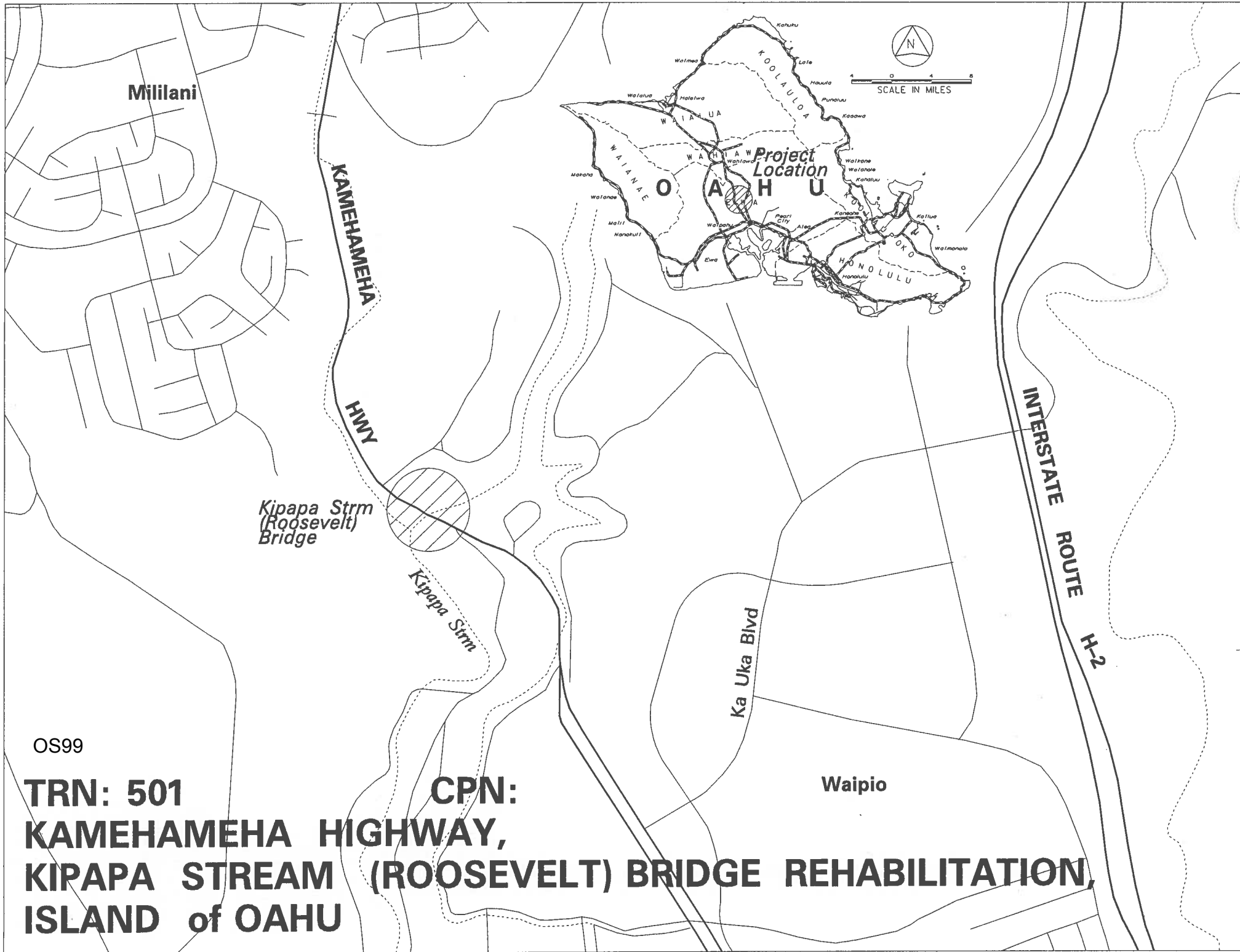
*Hoolapa (Nanahu)
Stream Bridge*

HWY

Str

Hoolapa





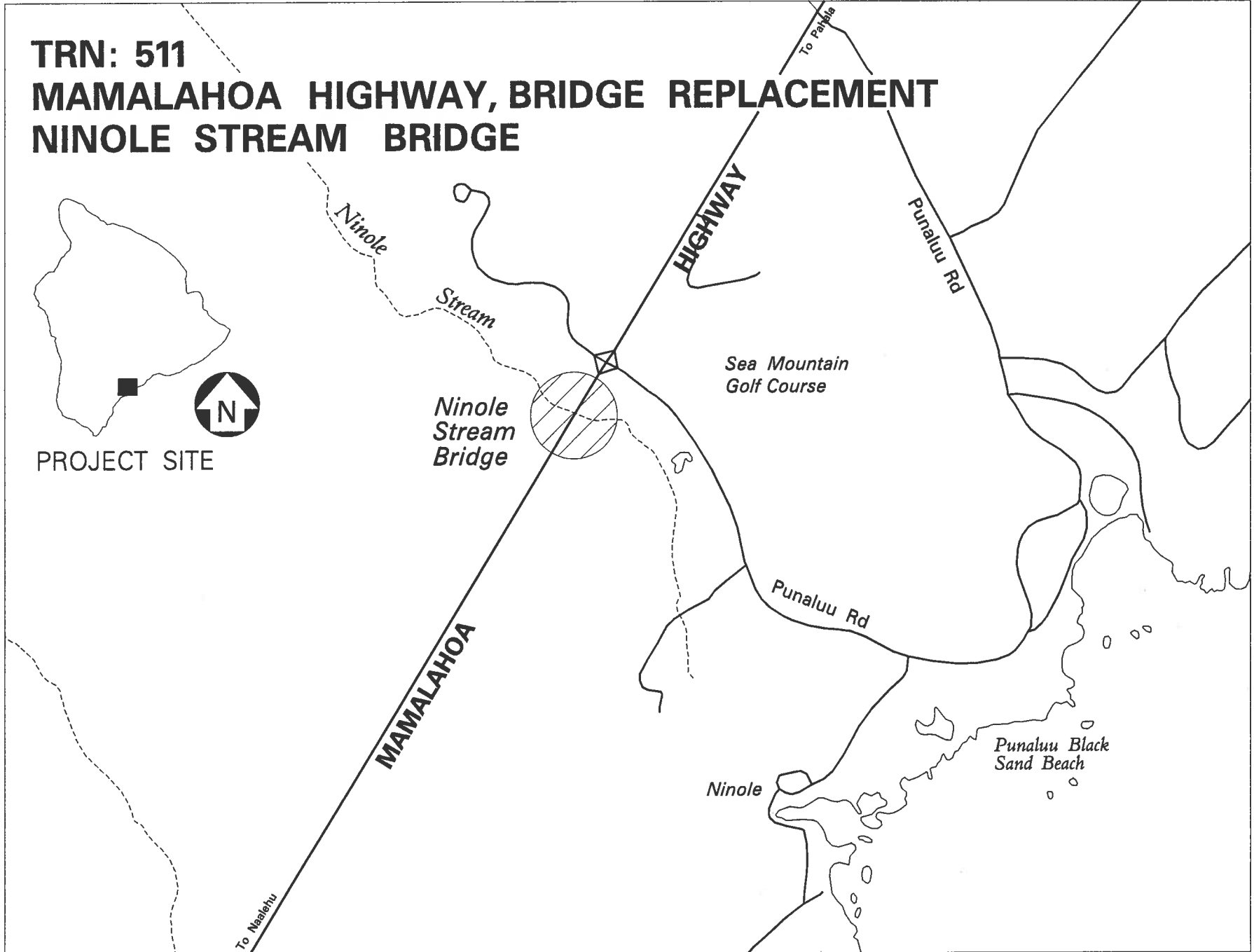
OS99

TRN: 501
KAMEHAMEHA HIGHWAY,
KIPAPA STREAM (ROOSEVELT) BRIDGE REHABILITATION,
ISLAND of OAHU

CPN:

Waipio

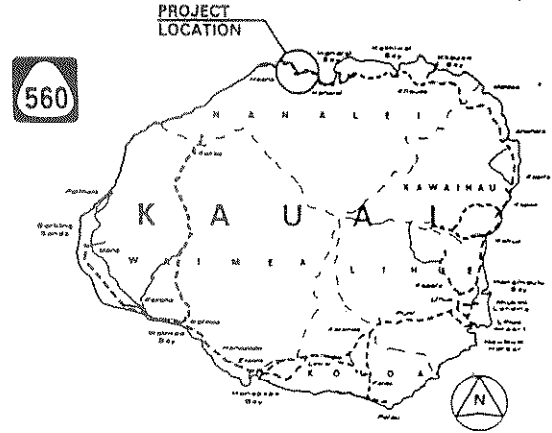
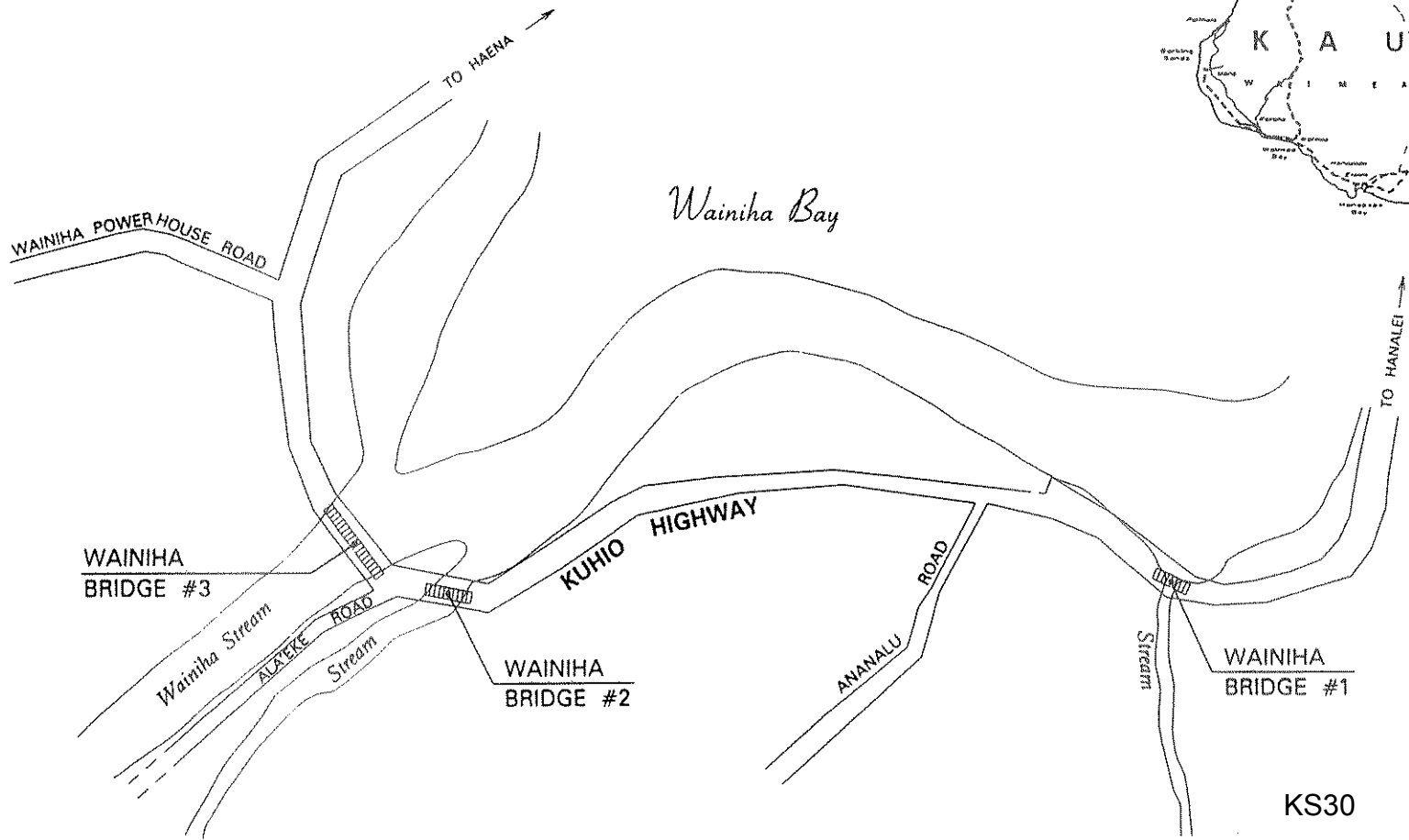
TRN: 511 MAMALAHOA HIGHWAY, BRIDGE REPLACEMENT NINOLE STREAM BRIDGE



PROJECT SITE

TRN 561

CPN X121



LOCATION PLAN

NOT TO SCALE

KS30

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**KUHIIO HIGHWAY, RTE. 560
REPLACEMENT OF
WAINIHA BRIDGES
KAUAI**