

**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 transporation 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 facilites 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)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/05/STIP-130531-11-14-R14-publish.pdf>

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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	STATEWIDE - FHWA											
S28.	Planning and Programming of Various Projects, Statewide	To create a program of projects that include planning and preliminary engineering, project scoping, development of budgetary estimates, and development of program delivery plan	N	N	L	L	N	N	Y	N	G101-2, G201, G301	New project programming \$500K in FFY 2014.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	STATEWIDE - FHWA										
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 and inflate DES from \$200K in FFY 2013 to \$204K in FFY 2014. The contract has not been executed yet.
S11.	SNIPP - Statewide Noxious Invasive Pest Program	Operation of the Statewide Noxious Invasive Pest Program.	N	L	M	N	N	Y	N	G101, G301, G501	Defer FFY2013-2016 program one (1) year since 2012 funds have not been fully used yet.

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HUMAN SERVICES TRANSPORTATION PROGRAMS Human Services programs, such as the following, that assist persons who have been traditionally underserved by the transportation system: - Job Access and Reverse Commute Program (JARC) - Elderly and Persons with Disabilities Vehicle Acquisition Program - New Freedom Program - Ways to Work Program		Project Description	Human Services Transportation Plan Yes: Project is included in the Coordinated Public Transit-Human Services Transportation Plan No: Project is not included in the Coordinated Public Transit-Human Services Transportation Plan	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	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
STATEWIDE - FTA										
S19.	Rural Transportation Assistance Program (RTAP)	FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.	Y	L	H	N	Y	N	G401-2, G501-2	Revise estimates in FFY 2013-2016 based on new funding information.
S21.	Transportation Assistance for Elderly and Disabled	The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate. Transportation for Elderly and Persons with Disabilities (Section 5316). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles. Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.	Y	L	H	N	Y	N	G101-4, G201-2	Increase EQP estimate in FFY 2013. Deleted EQP funds in FFY 2014-2016. These funds will not be distributed differently, and can not be shown as statewide funding.

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
OAHU - STATE - FHWA																		
OS87.	Bridge and Pavement Improvement Program, Oahu	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.	L	L	H	L	L	H	N	N	Y	N/A	Y	Y	Y	Proj.41	G101-3, G301-2, G401	Federalize two (2) projects in FFY 2013-- Kamehameha Hwy Resurfacing, Waihau St to Ka Uka Blvd (\$20M total) and Kalaniana'ole Hwy Resurfacing, Hanauma Bay Road to West Hind Drive (\$14M total).
OS90.	Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue	Cold plane and resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new highway lighting; and other miscellaneous work to accommodate the extra through lane.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Goal #1 Obj, #5 Proj. 32	G101, G102, G104, G401	Decrease advance construction reimbursement in FFY 2014 from \$15M to \$5M. Therefore, increase federal amount of CON funds in FFY 2013 from \$16.5M to \$26.5M.
OS51.	Kamehameha Highway, Bridge Replacement, Waikane Stream Bridge	Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.	H	N/A	N/A	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Defer and inflate ROW from \$260K in FFY 2013 to \$265K in FFY 2014 since the Environmental Assessment is not likely to be completed in time.
OS94.	Kamehameha Highway (Route 80), Repair and Repaint Karsten Thot Bridge	Repair of deteriorated steel bridge framing and connections, repair of concrete cracks and spalls in concrete deck slab and abutments, repair of deteriorated steel bridge railings, repainting of steel bridge, and temporary traffic control.	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	New project. Add \$8.1M total in FFY 2014 for CON.

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
OAHU : STATE - FHWA																	
OS4.	Farrington Highway (Route 93), Intersection Improvements, Haleakala Avenue (Route 8743)	Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.	H	H	N/A	M	M	N	N	N	N/A	Y	Y	Y	Obj. 6	G101-4, G201-2, G301-2, G401	HSIP funds will be fully funded in FFY 2013 so delete \$2.248M of Advance Construction reimbursement in FFY 2014 using HSIP funds and increase federal amount of HSIP funds in FFY 2013 from \$2M to \$4.248M.
OS5.	Farrington Highway (Route 93), Intersection Improvements, Nanakuli Avenue (Route 8744)	Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-4, G201-2, G301-2, G401	HSIP funds will be fully funded in FFY 2013 so delete \$4.148M of Advance Construction reimbursement in FFY 2014 using HSIP funds and increase federal amount of HSIP funds in FFY 2013 from \$1M to \$5.148M.
OS93.	Interstate Route H-1 Safety Improvement, Beginning of H-1 to Waiawa Overpass	Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.	H	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj. 9	G101-4, G201-2, G301-2, G401	New project. Add \$500K total funds in FFY 2014 for DES.
OS58.	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaawa Bridge	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	Obj.6	G101-3, G201-2, G301-2, G401	Defer and inflate CON from \$1.528M in FFY2013 to \$1.56M in FFY2014 since other Hawaii Safety Improvement Program (HSIP) projects have overtaken priority.
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	Obj.6	G101-3, G201-2, G301-2, G401	Defer and increase CON from \$1.702M in FFY 2013 to \$2.5M in FFY 2014. Additional shoulder improvements and needed utility relocations will delay design and increase the cost estimate.

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CITY & COUNTY OF HONOLULU - FHWA																	
OC2.	Alapai Transportation Management Center	The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies. The City's Emergency Op Center will be relocated to the JTMC. This will enhance agency cooperation and coordination during emergency responses.	N/A	N/A	N/A	L	M	N/A	N	Y	Y	Y	Y	Y	Proj.1	G101-2, G104, G201-2, G302, G401, G501	Revised cost estimates because a design/build contract for underground electrical utilities will be needed to support the Management Center Building. Management Center Building: Changed CON to DES/CON. In FFY 2013, added \$3,440,000 in federal funds for DES/CON and added \$861,000 in the local share. System Manager: In FFY 2013, decreased federal funds for DES by \$3,440,000 and decreased the local share by \$401,000.
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	Obj.6	G101-3, G201-2, G301, G401	Corrected an error. The Waiakamilo and Dillingham location should have been identified as "Waiakamilo and Dillingham Intersection/Harding Avenue and 5th and 11th Avenues." The "Harding Avenue and 5th and 11th Avenues" and the "Waiakamilo and Dillingham Intersection" locations were separated. For clarity, separated the funding for these two locations. The total amount of funds programmed for these two locations did not change.

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
OAHU : STATE - FHWA																			
OS92.	ITS Operation and Maintenance	Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.	N/A	L	N/A	L	L	H	N/A	N	N	N	Y	Y	Y	Y	Proj. 3	G101-2, G104, G201-2, G301-2, G401	New project. Add \$285K total in FFY 2014-2016 for operations.
OS89.	Nimitz Highway (Route 92) and Honolulu Harbor Pier 19 Intersection Improvements	Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19 at Honolulu Harbor	N/A	L	N/A	M	L	L	N	N	Y	N	Y	Y	Y	Y		G101-2, G104, G201-2, G301-2, G401	Delete project (\$550K of DES in FFY 2013) since Ferry Boat Discretionary funds are no longer available.

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
	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.14	G101-2, G104, G201-2, G302, G401	Defer Phase 2 CON from FFY 2013 to FFY 2014 since the utility agreement with HECO is not ready. Increase CON amount using NHS funds from \$26.7M to \$45.2M due to underestimated bridge work. Also defer and split \$19.03M of AdvCON from FFY 2014 into \$10M in FFY 2015 and \$11.16M in FFY 2016.

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ENHANCEMENT PROJECTS		Project Description	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
OAHU : STATE - FHWA																
OS69.	Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station	Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 2	G101-4, G201-2, G301-2, G401	Defer and inflate CON from \$8.84M in FFY 2013 to \$9.02M in FFY 2014 since 106 mitigation is yet to be determined and thus, unlikely to be obligated in FFY 2013.
OS70.	Leeward Bikeway, Phase II, Hawaii Railroad Society Train Station to Lualualei Naval Road	Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Lualualei Naval Road.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 2	G101-4, G201-2, G301-2, G401	Defer and inflate PreROW from \$100K in FFY 2013 to \$102K in FFY 2014 since the environmental documents are not ready.

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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #14
	OAHU : STATE - FTA													
OS95.	Transportation Assistance for Elderly and Disabled	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either capital or operating expenses for the program audience.	Y	L	H	N	N	N/A	Y	Y	Y	Proj. 3	G101-4, G201-2, G301-2, G402, G501, G503	New project with \$875 total programmed in FFY13; \$901K in FFY14; \$928K in FFY15; \$956K in FFY16. Revised estimates based on new funding information.

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	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-- Mamalahoa Highway (Route 11) Pavement Preventative Maintenance, Hawaii Volcano National Park to Kapapala Ranch, MP 39.5 to MP 45.62 (\$5.43M total) in FFY 2013.

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SAFETY PROJECTS		Project Description	Highway Safety Improvement Program	Rockfall Protection Study	Cost Participation	Project Stage	Gap Closure?	Mandated?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #14
Projects that mitigate high accident and hazardous sites, such as: - guardrail and shoulder improvement projects - rockfall and slope stabilization projects - street light pole replacement projects - emergency telephone projects - Intelligent Transportation System (ITS)			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	Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Does this project close a gap or connect missing links in a route?	Required by federal, state, or municipal laws, regulations or codes?				
	HAWAII : STATE - FHWA											
HS7.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate CON from \$1.638M in FFY 2013 to \$1.671M in FFY 2014. There are issues with the design.
HS14.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch)	Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.	N	Y	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate DES from \$624K in FFY 2013 to \$650K in FFY 2015. Phase I needs to be completed before Phase II can begin.
HS43.	Mamalahoa Highway (Route 190) Safety Improvements, MP 3.9 to MP 6.9	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	New project. Programmed \$250K of DES in FFY 2014.
	COUNTY OF HAWAII - FHWA											
HC17.	Mamalahoa Highway Safety Improvements (Holouloa)	Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Add \$50K of PreROW in FFY 2013. Reduce ROW in FFY 2014 from \$200K to \$160K. Delete \$2.2M of CON in FFY 2015 and \$1.256M of Advance Construction reimbursement in FFY 2016, since CON is now scheduled for FFY 2017.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	HAWAII : STATE - FHWA												
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 \$50K in FFY 2013 to \$51K in FFY 2014. PreROW funds won't be needed until 2014.
	COUNTY OF HAWAII - FHWA												
HC11.	Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.	Y	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Delete \$10K of DES in FFY 11 and add \$800K of DES in FFY 14 for design consultant work. Delete \$2M of Phase 1 CON in FFY 2014. Delete Phase 1 from project description since the project will not be done in phases, but done as one entire project. Add \$8M of CON in FFY 2016.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF HAWAII - FHWA										
HC18.	Waianuenue Avenue (Route 2720) Improvments, Rainbow Drive to Akolea Road	Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Increase PLN funds from \$300K to \$350K in FFY 2013 to show current estimate.

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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF HAWAII - FTA												
HC20.	Transportation Assistance for Elderly and Disabled	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.	Y	M	H	N	N	Y	Y	Y	N	G101-4, G201-2, G301-2, G402, G501, G503	New project which programs\$250K of EQP funds in FFY 2013. Estimates have been revised due to distribution.

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF HAWAII - FTA												
HC13.	Bus and Bus Facility	Purchase buses and operate bus transit facilities.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Adjusted FFY 2013-2016 funds to final apportionments.
HC16.	State of Good Repair	Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.	Y	N	Y	Y	Y	Y	N	Y	N	G101-3, G201-2, G301-2, G401	Add \$1.5M of EQP/OPR funds in FFY 2013, to adjust funds to final apportionments.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
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 in FFY 2013--Kuihelani Hwy (RTE 380) PPM, Puunene Ave to Honoapiilani Hwy & Honoapiilani Hwy (RTE 30) PPM, Kuilhelani Hwy to Kapoli (\$3.5M) AND Maunaloa Hwy (RTE 460) Resurfacing Mahana to Maunaloa Village (\$2M).
MS31.	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	Shoreline protection for approximately 1000 feet of Highway on the west side of Hekili Point.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate CON from \$3.12M in FFY 2013 to \$3.18M in FFY 2014 due to delays with the 106 process.
MOLOKAI												
MS23.	Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	Construct a revetment for the reconstruction and protection of the highway shoulder.	N	N	L	L	N	N	Y	N	G101-2, G201-2, G301	Delete project (\$1.4M of CON in FFY 2015) from the STIP. It will be constructed with all state funds.
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	Defer and inflate CON for Phase 1 from \$2M in FFY 2013 to \$2.244M in FFY 2014 due to reprioritization and/or financial constraint.

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MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON from \$4.35M in FFY 2014 to \$4.437M in FFY 2015. Right of entry issues are delaying design and permits.
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON from \$6M in FFY 2015 to \$6.12M in FFY 2016 due to reprioritization and/or financial constraint.
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	Defer and inflate CON from \$850K in FFY 2013 to \$867K in FFY 2014 due to reprioritization and/or financial constraint.
MC44.	Papa Avenue (RTE 3910) Pavement Rehabilitation Reconstruction , Puunene Avenue to Kaahumanu Avenue	Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Increase CON cost estimate from \$4.925M to \$8.7M in FFY 2013 due to a change in scope from rehabilitation to reconstruction. Change project title from rehabilitation to reconstruction.
MC45.	South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Increase cost estimate from \$3.29M to \$3.6M in FFY 2013 due to change in scope from 3R to reconstruction.
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	Defer and inflate CON from \$2.2M in FFY 2013 to \$2.244M in FFY 2014 due to reprioritization and/or financial constraint.

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MC51.	Wakea Avenue (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.	N	Y	L	M	N	N	Y	N	G101-2, G201, G301	Increase CON cost estimate from \$1.44M to \$3.125M in FFY 2013 due to change in scope of work from 3R to construction.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #14
MAUI : STATE - FHWA												
MS1.	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Parts 1 & 2	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate CON for Part 1 from \$1.4M in FFY 2013 to \$1.43M in FFY 2014 due to staffing shortages.
MS38.	Honoapiilani Highway (Route 30), Safety Improvements, Ukumehame to Olowalu	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	New project programming \$200K of DES funds in FFY 2014.
MS32.	Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420)	Improve lighting along Kahului Beach Road and Kanaloa Avenue.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Delete project (\$575K of CON in FFY 2014). Project has been canceled since it was determined that the lighting is not a significant safety factor in this area. HDOT will develop an area lighting plan and a work order using all state funds will address the existing traffic issues.
MS33.	Puunene Avenue (Route 3500), Safety Improvements, Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.	Y	N	L	M	N	N	Y	N	G101-4, G201-2, G301, G401, G502	Delete project (\$585K of CON in FFY 2015). Project scope for this project will be addressed in project MS18.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF MAUI - FHWA												
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	Traffic signal installation, intersection improvements, curb ramp improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	CON cost estimate increased from \$520K to \$675K in FFY 2013.
MC46.	South Kihei Road (RTE 3100) Traffic Signal Modernization, Lipoa Street to Piikea Avenue	Traffic signal modernization to include wireless interconnectivity among three sepearate traffic signal systems.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate CON from \$855K in FFY 2014 to \$872K in FFY 2015 due to reprioritization and/or financial constraint.
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	Defer and inflate CON from \$720K in FFY 2013 to \$749K in FFY 2015 due to reprioritization and/or financial constraint.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
MAUI : STATE - FHWA													
MS11.	Kahului Airport Access Road (Route 3800)	Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.	Y	N	L	M	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Consolidate \$10M of Advance Construction reimbursement in FFY 2014 to FFY 2013. Now total AdvCON in FFY 2013 is \$27.66M.
MS16.	Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park)	Plans for alternative traffic improvements in the vicinity of Paia town.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate DES from \$3.245M in FFY 2013 to \$3.31M in FFY 2014 since the EIS is not projected to be completed until December 2014.

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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF MAUI - FTA												
MC57.	Transportation Assistance for Elderly and Disabled	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.	Y	M	H	N	N	Y	Y	Y	N	G101-4, G201-2, G301-2, G402, G501, G503	New project which programs \$250K EQP funds in FFY 2013. Estimates have been revised due to distribution.

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service													
	MAUI : STATE - FTA												
MS24.	Lahaina Small Boat Harbor and Ferry Pier	New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.	Y	N	Y	Y	Y	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	Increased CON funds in FFY 2014 from \$8.494M to \$10.869M. Added \$1.375M of DES funds in FFY 2014.
MS25.	Improvements at Maalaea Small Boat Harbor, Ferry System Improvements	Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.	Y	N	Y	Y	N	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	Added \$3.75M of CON funds in FFY 2013 for unanticipated work.
	MOLOKAI												
MS27.	Kaunakakai Harbor Ferry System Improvements	Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.	Y	N	Y	Y	Y	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	Added \$3.75M of CON funds in FFY 2013 for unanticipated work.
	LANAI												
MS29.	Manele Small Boat Harbor Ferry Pier	New ferry pier, loading dock and related improvements.	Y	N	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Added \$1.875M of CON funds in FFY 2013 for unanticipated work.
	COUNTY OF MAUI - FTA												
MC36.	Bus and Bus Facility	Purchase buses and operate bus transit facilities.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Revise estimates in FFYs 2013-2016. Adjustments were made due to revised final apportionments.

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
MC49.	State of Good Repair	Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.	Y	N	Y	Y	N	N	Y	Y	N	G101-3, G201-2, G301-2, G401	Add \$1.25M of EQP/OPR funds in FFY 2013. Funding originally came through the same program, however, the funding is now needed to be broken down specifically.
MC55.	Urbanized Area	Capital purchases, operating costs and planning	Y	N	N	Y	N	N	Y	Y	N	G101-2, G201-2, G301-2	Revise estimates in FFYs 2013-2016, since final numbers were refined.
MC56.	Livability	Construct Bus Stops at various locations. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are to be utilized in support of the program goal. The goal of the program is to invest in projects that increase transportation options, provide access to jobs and affordable housing, encourage economic development, and improve accessibility to transportation for the public. The program funds capital expenses for projects ranging from intermodal facilities, to sustainability oriented buses, to bicycle infrastructure and more.	Y	Y	N	Y	N	Y	N	Y	N	G101-3, G201-2, G301-2, G401	New project which programs \$1M CON funds in FFY 2013.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
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 one (1) project in FFY 2013--Waimea Canyon Drive/ Kokee Road (RTE 550) Resurfacing, MP 6.0 to MP 8.5 (\$3.5M total).
KS27.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Hanapepe Bridge	Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate DES from \$1M in FFY 2013 to \$1.04M in FFY 2014. The Design consultant procurement has been delayed.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	KAUAI : STATE - FHWA											
KS9.	Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout	Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Delete project (\$1.04M of CON in FFY 2013). Scope for this project will be done in another project.
KS20.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate DES from \$1.04M in FFY 2013 to \$1.06M in FFY 2014. This project is being transferred to Central Federal Lands for DES work.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects											
	COUNTY OF KAUAI - FHWA										
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	Defer and inflate ROW from \$265K in FFY 2013 to \$270K in FFY 2014. The FONSI is projected to be completed in September 2013. Then ROW activities can commence.

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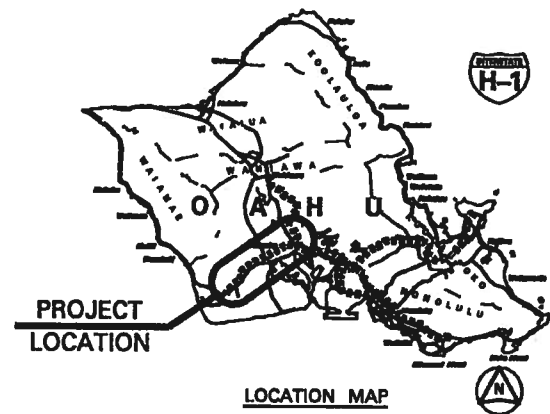
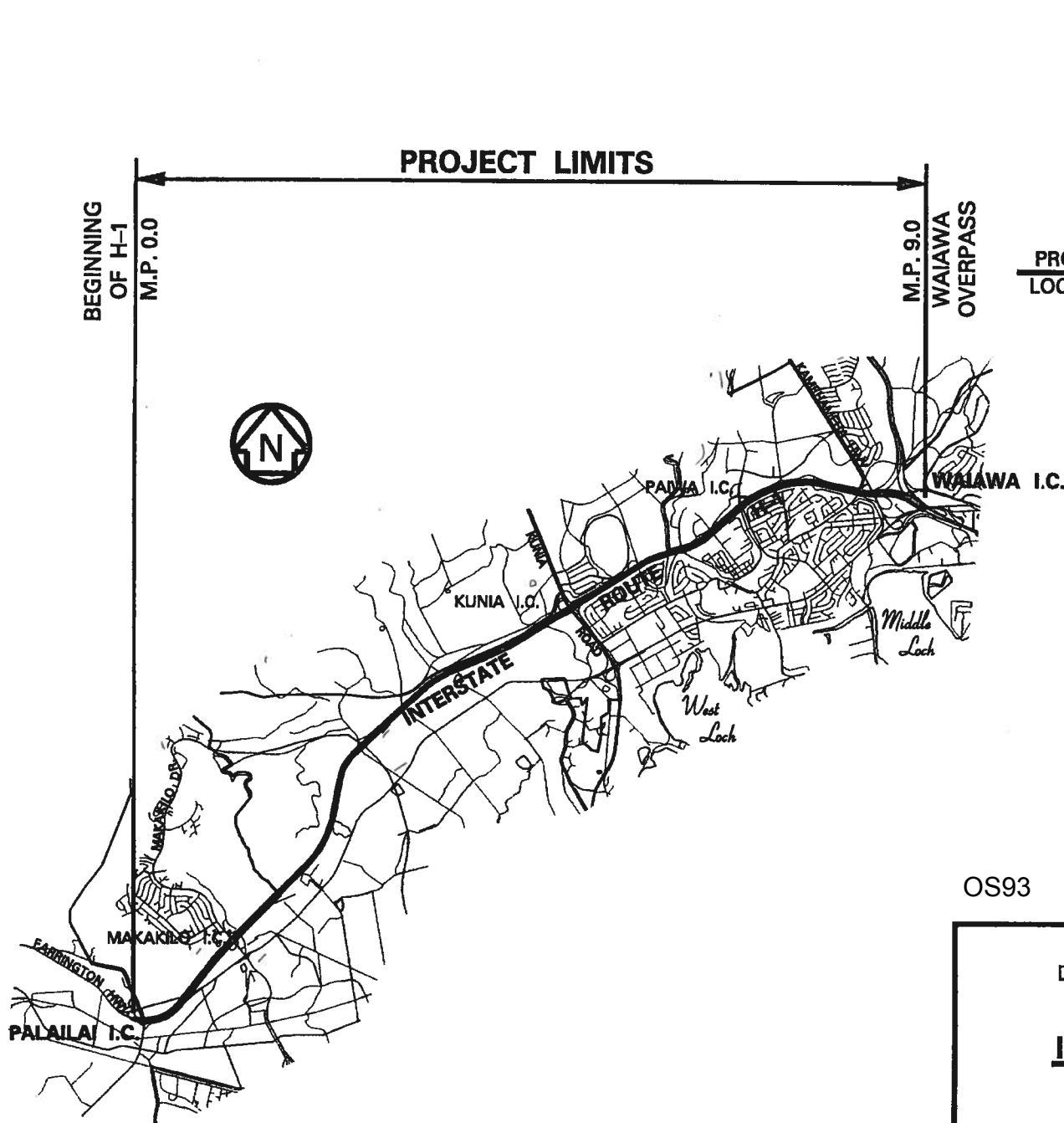
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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF KAUAI - FTA												
KC22.	Transportation Assistance for Elderly and Disabled	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.	Y	M	H	N	N	Y	Y	Y	N	G101-4, G201-2, G301-2, G402, G501, G503	New project which programs\$250K of EQP funds in FFY 2013. Estimates have been revised due to distribution.

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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 Possible in Years 2, 3 or 4 Budget	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #14
	COUNTY OF KAUAI - FTA		Does it maintain and operate existing fixed route bus and complementary paratransit system?	Does it complete a multi-phase project that has started?	Does it enhance system performance through implementation of hub-and-spoke system?	Does it enhance safety/security of passengers and the system and enhances service quality level?							
KC16.	Bus and Bus Facility	Purchase buses and operate bus transit facilities.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Revise estimates in FFYs 2013-2016, this is a new program under MAP-21.
KC21.	State of Good Repair	Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.	Y	N	Y	Y	N	Y	N	Y	N	G101-3, G201-2, G301-2, G401	Add \$1.55M of EQP/OPR funds in FFY 2013, since final numbers were refined.



OS93

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSTATE ROUTE H-1

SAFETY IMPROVEMENTS

Palailai I.C. to Waiawa Overpass

ISLAND OF OAHU

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETAILED INDEX TO DRAWINGS
3	STANDARD PLANS SUMMARY
4	TOPOGRAPHIC MAP OF AREA ON BRIDGE
5	LOCATION PLAN
6	GENERAL NOTES
7-8	WATER POLLUTION AND EROSION CONTROL NOTES
9	EXISTING BRIDGE PHOTOS
10-11	CIVIL TRAFFIC CONTROL PLAN
12-76	STRUCTURAL DRAWINGS

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

HONOLULU, HAWAII

PLANS FOR

KAMEHAMEHA HIGHWAY

REPAIR AND REPAINT KARSTEN THOT BRIDGE

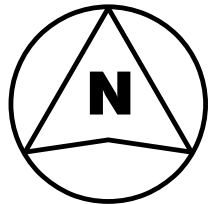
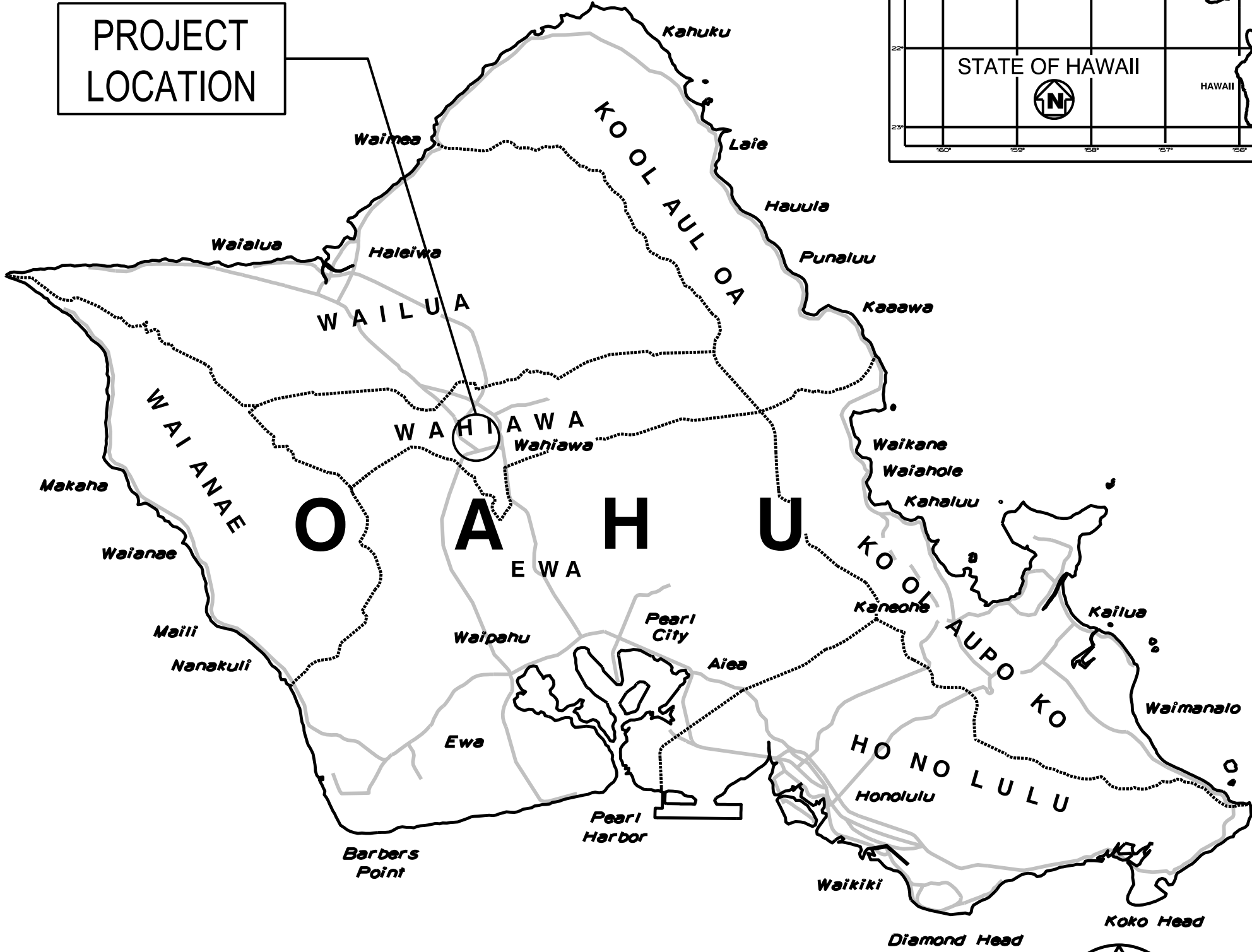
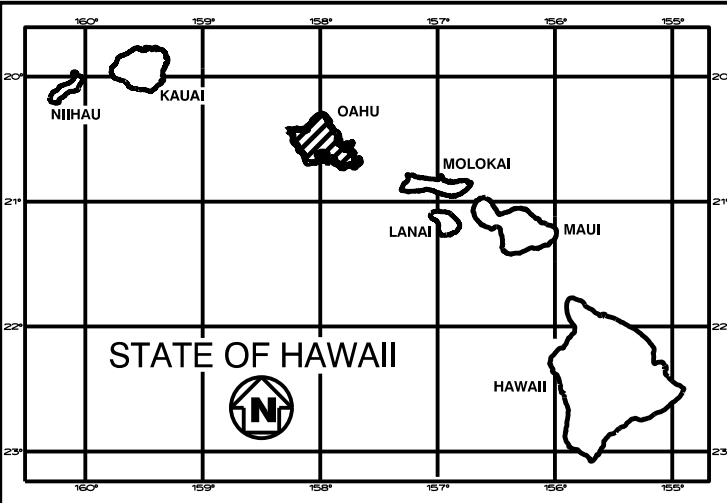
PROJECT NO. 80A-01-13M

DISTRICT OF WAHIAWA

ISLAND OF OAHU

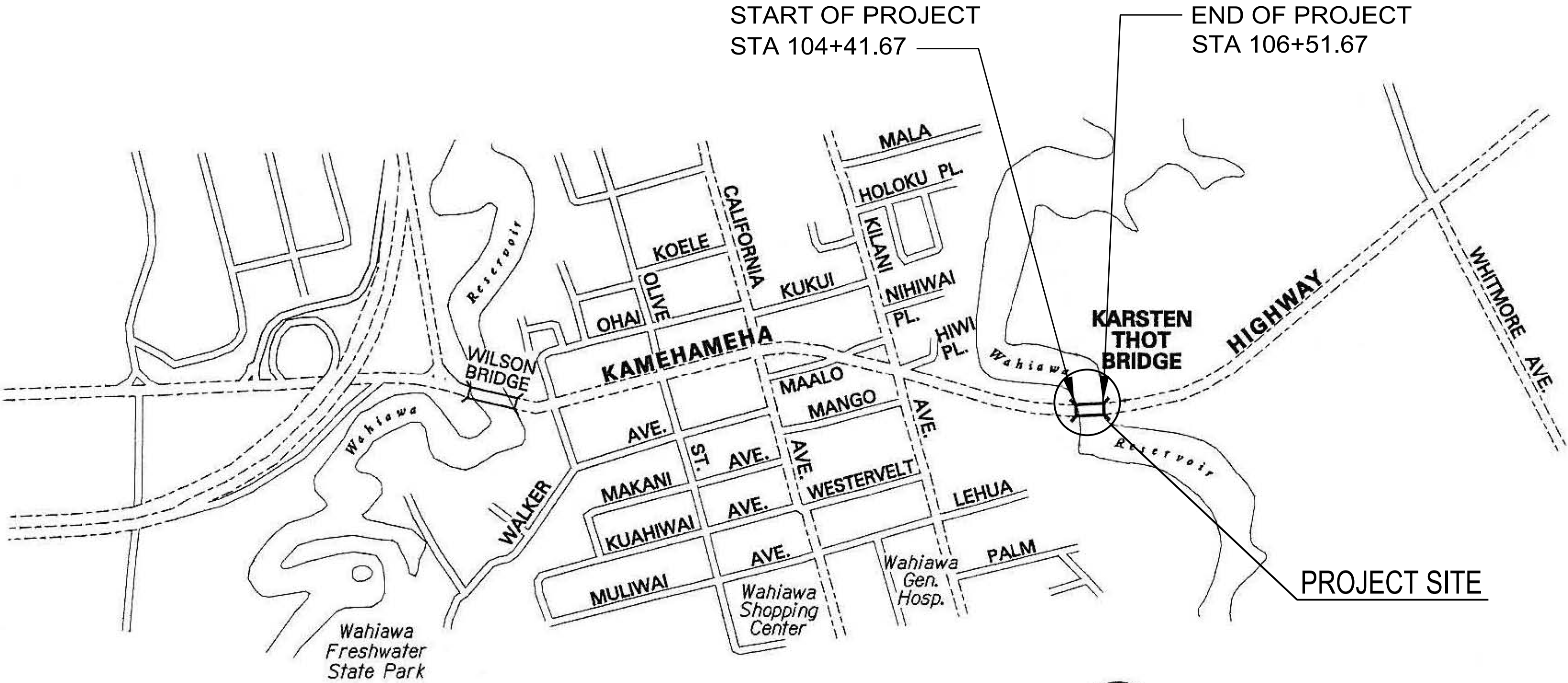
OS94

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	80A-01-13M	2013	1	76



SCALE IN MILES

MILE POST 0.65 AND MILE POST 0.69

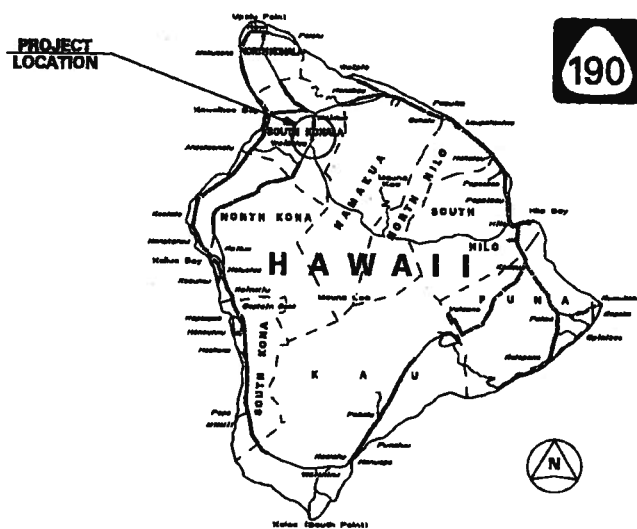
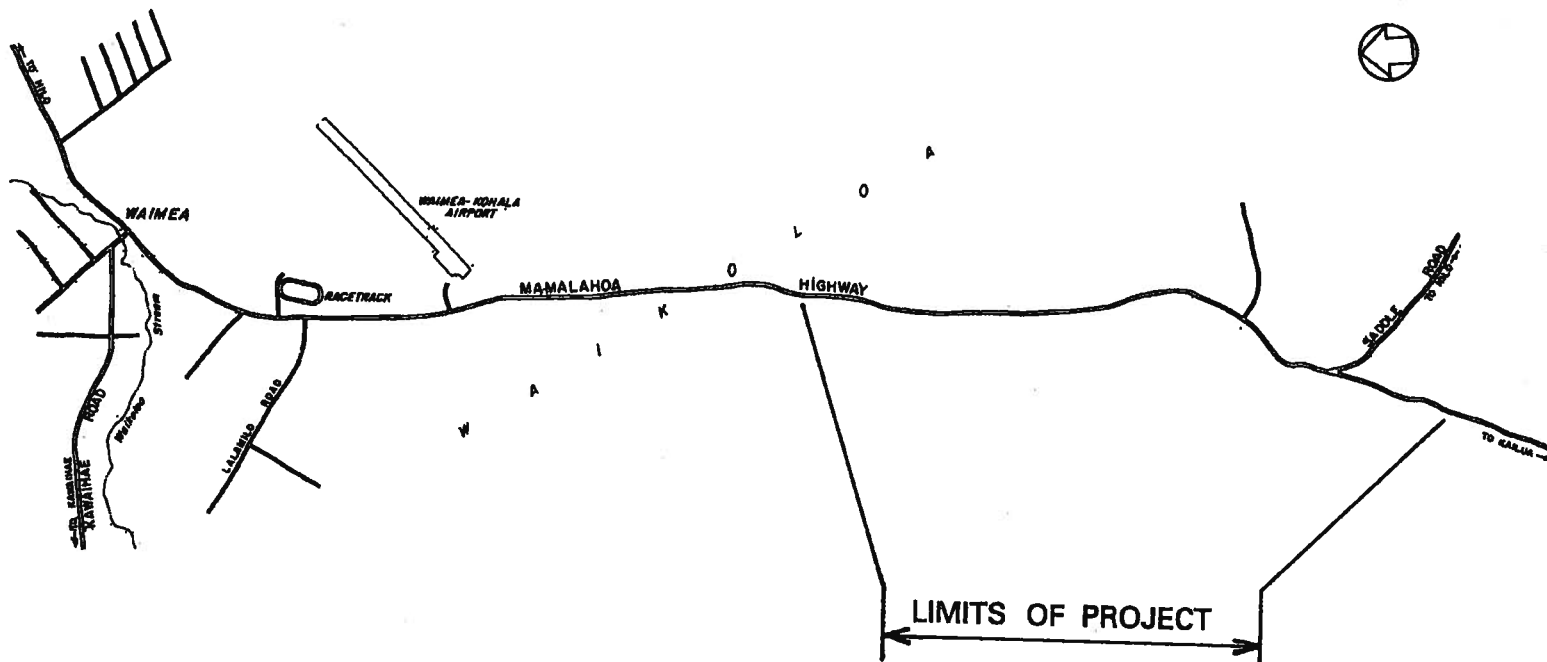


LAYOUT PLAN
NOT TO SCALE

LENGTH OF PROJECT 0.04 MILES

NAGAMINE OKAWA ENGINEERS INC. DESIGNED BY
HWY-DD MANAGED BY
692-7570 PHONE
APRIL 2013 DATE

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	
DIR. OF TRANSPORTATION	DATE

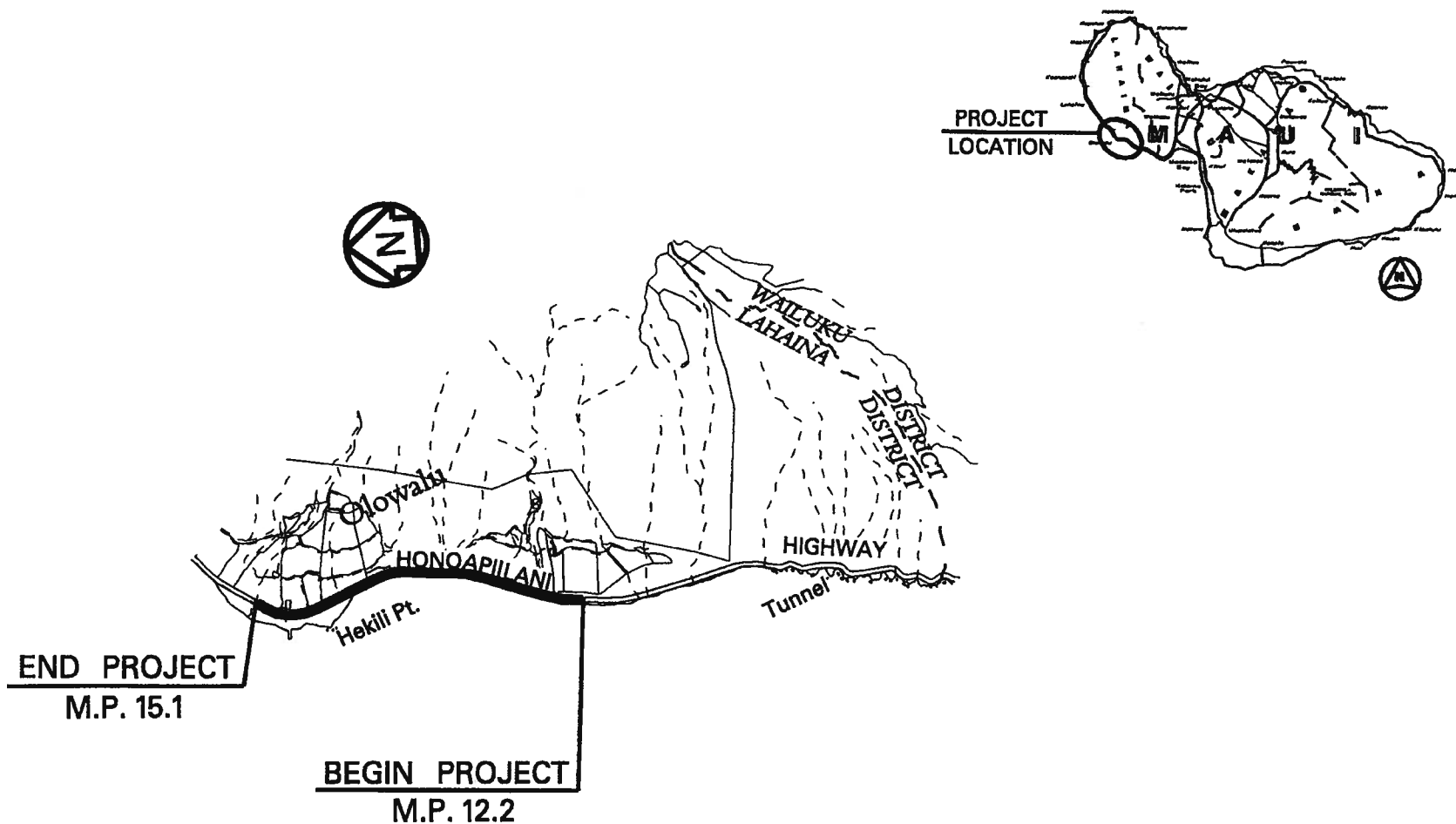


HS43

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII

MAMALAHOA HIGHWAY SAFETY IMPROVEMENTS MILE POST 3.9 TO MILE POST 6.9

DISTRICT OF SOUTH KOHALA
ISLAND OF HAWAII



MS38

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HONOAPIILANI HIGHWAY
SAFETY IMPROVEMENTS
UKUMEHAME TO OLOWALU
(M.P. 12.2 TO M.P. 15.1)

ISLAND OF MAUI