

**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.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	STATEWIDE - FHWA											
S23.	Highway Program Peer Exchange (HDOT-CFL)	To facilitate a peer exchange program between FHWA - Central Federal Lands Division (CFL) and the Hawaii DOT. Exchanges will be developed, in part, in the form of workshops, roundtable discussions and other structured engagements.	N	N	L	H	N	N	Y	N	G-501	New project.

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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 MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
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?				
	STATEWIDE - FHWA											
S5.	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	Implement non-infrastructure scope of HSIP including safety education programs and PSAs.	Y	N	L	H	N	N	Y	N	G103, G201-2, G501	Increased non-infrastructure budget in FFY 2015 from \$700K to \$2.5M by adding \$1.8M of 100% HSIP penalty funds.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
STATEWIDE - FHWA											
S7.	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 2015 to \$208K in FFY 2017. Also defer and inflate CON from \$1M in FFY 2017 to \$1.04M in FFY 2019. A current state-funded contract will implement initial improvements.

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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	2015-2018 STIP Revision #1
	OAHU : STATE - FHWA																	
OS4.	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 CON from \$16.55M in FFY 2015 to \$17.2M in FFY 2017. Redistribute ADVCON from \$3M in FFY 2016 to \$9.7M in FFY 2018. Section 106 and Section 4(f) will delay the Categorical Exclusion until May 2015. Then ROW will take 2 years to complete.
OS13.	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	Rehabilitate existing bridge.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	Add \$25K of ROW to FFY 2015.
OS18.	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.	H	N/A	L	N/A	L	H	Y	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G302	Defer and inflate CON from \$24.673M in FFY 2019 to \$25.2M in FFY 2020. Defer ADVCON from \$8M from FFY 2020 to out years. Some scope is being covered in the ongoing PM Zipperlane project.
OS53.	Kamehameha Highway (Route 83), Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	New project to be added since DES was not obligated in FFY 2014. ROW will be needed in FFY 2015 as well.
OS29.	Kamehameha Highway (Route 83), Bridge Replacement, Kaluanui 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	Defer and inflate ROW from \$612K in FFY 2015 to \$650K in FFY 2017 since right-of-entry has not been approved yet and Section 106 issues are anticipated.
OS30.	Kamehameha Highway (Route 83), Bridge Replacement, Kawela Stream Bridge	Replace the existing bridge.	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	Add \$1.1M for DES in FFY 2015 and \$75K for ROW in FFY 2015.
OS54.	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 added since DES was not obligated in FFY 2014. ROW will be needed in FFY 2015 as well.
OS31.	Kamehameha Highway, Bridge Replacement, Laieloa Stream Bridge	Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.	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	Add \$200K for ROW in FFY 2016. Defer and inflate CON from \$9.183M in FFY 2016 to \$9.36M in FFY 2017. Defer \$6.5M of ADVCON from FFY 2017 to FFY 2018. Categorical Exclusion and Section 106 are not complete.

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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	2015-2018 STIP Revision #1
OS32.	Kamehameha Highway (Route 83), Bridge Replacement, South Kahana Stream Bridge	Replace the existing bridge.	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 ROW from \$984K in FFY 2015 to \$1M in FFY 2016 since ROW maps will not be ready in time to obligate ROW acquisition in FFY 2015. Redistribute ADVCON from \$19M in only FFY 2018 to \$9M in FFY 2018 and \$10M in FFY 2019 to maintain financial constraint.
OS35.	Kamehameha Highway (Route 83), 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.42	G101-2, G201-2, G301-2, G401	Add \$265K of ROW in FFY 2016 since ROW was not obligated in FFY 2014 because the ROW maps were not ready.
OS36.	Kamehameha Highway (Route 83), Bridge Replacement, Waipilopilo Stream Bridge	Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.	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	Add \$260K of ROW in FFY 2015 since ROW was not obligated in FFY 2014 because the ROW maps were not ready.
OS45.	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass (MP 1.12 to MP 4.09)	Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-3, G201-2, G301, G401	Defer and inflate CON from \$6M in FFY 2015 to \$6.12M in FFY 2016 since a design contract is anticipated to be executed in Jan 2015.
CITY & COUNTY OF HONOLULU - FTA																		
OC22.	Pedestrian Transit Connections	Plan, design, construct, inspect, and provide equipment for pedestrian and bicycle safety and access improvements near bus stops and transit centers.	N/A	N/A	N/A	L	L	M	Y	N	N	N/A	Y	Y	Y	Proj.40	G103, G201, G302	In FFY 15-20: Add new project to TIP.

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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	2015-2018 STIP Revision #1
	OAHU : STATE - FHWA																
OS20.	Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) 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	Defer and inflate CON from \$4M in FFY 2016 to \$4.08M in FFY 2017. There is no design contract executed yet.
OS25.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	M	N	N	Y	N/A	Y	Y	Y	Proj.12	G101-3, G201-2, G301-2, G401	In FFY 2014, change \$4.5M ADVCON to \$11M CON due to delays from re-designing the electrical plan. CON is scheduled to be obligatd early FFY 2015.
OS26.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase 3	Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Aloiloi Street to Waimanalo Beach Park (Huli 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.8	G101-3, G201-2, G301-2, G401	Add \$1.6M for DES for Phase 3, which is combined with Phase 2. However, construction will still be phased.
OS37.	Kamehameha Highway, Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52, Phase 1: Haleiwa, Phase 2: Sunset Beach	Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).	L	L	H	L	M	N	N	N	N/A	Y	Y	Y	Proj.13	G101-3, G201-2, G301, G401	Defer and inflate ROW from \$470K in FFY 2015 to \$490K in FFY 2017 since a design contract has not yet been executed.
OS55.	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	Proj.10	G101-3, G201-2, G301-2, G401	Add this project since it was not obligated in FFY 2014 due to bridge endrail upgrade and waterline scope creep.
OS39.	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.14	G101-2, G201-2, G301	Defer CON from \$10.2M in FFY 2016 to \$10.4M in FFY 2017 due to a change in scope and delays with environmental clearances.
OS44.	Moanalua Freeway (Route 78) and Interstate Route H-2, Guardrail and Shoulder Improvements	Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.	H	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.9	G101-2, G201-2, G301-2, G401	Fully fund CON in FFY 2016 (change Federal amount from \$896K to \$4.896M) and deleting \$4M of ADVCON in FFY 2017 to maintain financial constraint.

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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	2015-2018 STIP Revision #1
CITY & COUNTY OF HONOLULU - FHWA																	
OC1	Alapaii Transportation Management Center	The transportation management center will be a joint communication center to be built next to 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	H	N/A	N	Y	Y	Y	Y	Y	Proj.5	G101-3, G201-2, G301-2, G401	In FFY 2015-2016: Revise costs to reflect actual costs. Reformat to reflect ADVCON. In FFY 2015: Add \$800k in federal funding. In FFY 2016: Add \$165k in federal funding.
OC8.	Traffic Improvements at Various Locations	Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park, and Kupuna Loop areas; Kalaheo Avenue/Kailua Road; Dillingham Boulevard; and Waiakamilo Road. Other locations are to be determined.	L	L	N/A	L	L	Y	N	N	N/A	Y	Y	Y	Proj.39	G101-3, G201-2, G301, G401	In FFY 2015: Delete project from group listing. In FFY 2016-2020: Revise costs to reflect actual costs. In FFY 2017-2019: Add project phase. In FFY 2020: Add project to group listing.

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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	2015-2018 STIP Revision #1
	OAHU : STATE - FHWA																		
OS5.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A— Part 1 1C - Part 3	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	M	N/A	N	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	Refined phasing and schedule. Phase 2A - Part 1 is now Phase 1C - Part 3 (funds unchanged). Add Phase 2A with \$10M for CON in FFY 2017 and \$4M for ADVCON in FFY 2018.
OS5.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	M	N/A	N	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	Refined phasing and schedule. Add Phase 2A with \$10M for CON in FFY 2017 and \$4M for ADVCON in FFY 2018 (from original Phase 2B).
OS5.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2B- System Manager	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	L	N/A	N	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	Refined phasing and schedule. Change Phase 2B to System Manager which has DES deferred and increased from \$1.98M in FFY 2015 to \$2.02M in FFY 2016. \$10M of CON and \$4M of ADVCON moved to new Phase 2A. Phase 3 DES is deferred and inflated from \$2M in FFY 2015 to \$2.04M in FFY 2016.
OS5.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 3	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	L	N/A	N	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	Refined phasing and schedule. Phase 3 DES is deferred and inflated from \$2M in FFY 2015 to \$2.04M in FFY 2016.

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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	2015-2018 STIP Revision #1
CITY & COUNTY OF HONOLULU - FHWA																			
OC10.	Traffic Signals at Various Locations	Install, modify, and upgrade traffic signals islandwide, including Americans with Disabilities Act (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, improves signal coordination, and provides for ADA improvements. Project work is warranted by the Manual on Uniform Traffic Control Devices (MUTCD) and selected annually by a priority listing.	H	L	N	M	L	L	Y	N/A	Y	N	Y	Y	Y	Y	Proj. 39	G101-4, G201-2, G301-2, G401	In FFY 2015: Add project to group listing. In FFY 2015-2020: Defer all projects by one year. Add 2% inflation rate. In FFY 2020: Delete CON and EQP phase for Phase 2021 - TBD. Delete project from group listing.

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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	2015-2018 STIP Revision #1
	OAHU : STATE - FHWA																	
OS17.	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 3 4 and 4 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.	H	L	H	H	M	M	N	N	N	N/A	Y	Y	Y	Proj.15	G101-2, G104, G201-2, G302, G401	Redistribute CON in FFY 2015 from \$21.98M to \$29.98M of federal funds. ADVCON in FFY 2016 increased from \$13M to \$17M. ADVCON in FFY 2017 has been deleted. Redistribution of funds are to financially constrain the STIP.
OS42.	Kualakai Parkway (Route 8930) Extension	Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.	H	L	H	H	L	H	Y	N	Y	N/A	Y	Y	Y	Proj.22	G101-2, G104, G201-2, G302, G401, G502	To maintain financial constraint, redistribute federal estimate for CON in FFY 2017 from \$4.16M to \$160K in FFY 2017. Redistribute ADVCON in FFY 2018 from \$10M to \$4M and add \$10M for ADVCON in FFY 2019.

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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 MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
OAHU : STATE - FHWA																
OS43.	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 Waipio Point Access Road to Lualualei Naval Road.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.1	G101-4, G201-2, G301-2, G401	Revise begin termini from "Hawaii Railway Society Train Station" to "Waipio Point Access Road". Add \$9M of CON for "Phase 1 -- Waipio Point Access Road to Hawaiian Railway Society" in FFY 2016 since it was not obligated in FFY 2014 due to an Archaeological Inventory Study required by Section 106.
CITY & COUNTY OF HONOLULU - FHWA																
OC2.	Bikeway Improvement Projects	This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle facilities. Projects include the Hamakua Drive Bikeway Improvements and the Pearl Harbor Bike Path Restoration.	N	Y	L	L	Y	N	N	N/A	Y	Y	Y	Proj.1	G101-4, G201-2, G301-2, G401, G501	In FFY 2015-2020: Defer all projects by one year. Add 2% inflation rate. Revise costs to reflect actual costs. In FFY 2020: Delete CON and EQP phase for TBD - CON 2020. Delete project from group listing.

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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 MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
CITY & COUNTY OF HONOLULU - FTA														
OC12.	Agency Provided Trips	Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.	H	L	L	N	N	N/A	Y	Y	Y	Proj.3	G101-4, G201-2, G301-2, G402, G501, G503	In FFY 15-20: Revise costs to reflect actual costs.
OC17.	Local Shuttle Service	To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.	H	M	L	N	N	N/A	Y	Y	Y	Proj.3	G101-4, G201-2, G301-2, G402, G501, G503	In FFY 15-20: Revise costs to reflect actual costs.
OC19.	Mobility Management Center	Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.	H	L	L	N	N	N/A	Y	Y	Y	Proj.3	G101-4, G201-2, G301-2, G402, G501, G503	In FFY 15-20: Revise costs to reflect actual costs.

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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	2015-2018 STIP Revision #1
	CITY & COUNTY OF HONOLULU - FTA															
OC13.	Bus and Handi-Van Acquisition Program	Purchase replacement transit buses and handi-van vehicles.	Y	N/A	N/A	Y	N	Y	Y	N/A	Y	Y	Y	Proj.37	G101-4, G201-2, G301-2, G401, G501	In FFY 15-20: Revise costs to reflect actual costs.
OC15.	Bus Stop Site Improvements	This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.	Y	Y	Y	Y	Y	Y	N	N/A	Y	Y	Y	Proj.37	G101-4, G201-2, G301-2, G401	In FFY 15: Revise costs to reflect actual costs.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	HAWAII : STATE - FHWA											
HS18.	Mamalahoa Highway (Route 11), Hilea Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Add \$1.4M for DES in FFY 2015 since DES was not obligated in FFY 2014. Advance and decrease \$430K of ROW from FFY 2018 to \$100K in FFY 2015.
HS26.	Mamalahoa 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. Add DES since it was not obligated in FFY 2014.
HS28.	Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park	Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.	N	Y	L	L	N	N	Y	N	G101-2, G201-2	New project.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	HAWAII : STATE - FHWA											
HS27.	Mamalahoa Highway (Route 190) Drainage Improvements, Vicinity of Puuwaawaa Ranch Road	Drainage improvements including installation of drainage pipes, drain inlets, manholes and a drywell; reconstruction of shoulder swales and roadway pavement; and constructing retaining walls.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	New project. \$6M for CON in FFY 2015.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	HAWAII : STATE - FHWA												
HS24.	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	Did not receive anticipated discretionary monies; delete \$27M in federal funds (no local funds) in FFY 2015. Scope of work has been adjusted to match funding.
HS22.	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 2015 to \$52K in FFY 2016 since it is not needed so soon before ROW.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
COUNTY OF MAUI - FHWA												
MC2.	Baldwin Avenue (RTE 390) Resurfacing, Phase 2, Haliimaile Road to Hana Hwy	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	CON in FFY 2015 deferred and increased from \$7M to \$12.755M in FFY 2016. Estimate was updated based on Phase 1 bid tabs. Not enough local match in 2015.
MC8.	Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2	Repair existing steel 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 in FFY 2016 from \$1.5M to \$1.53M in FFY 2017 due to financial constraint.
MC9.	Kahakuloa Bridge Replacement, Kahekili Highway (Route 340), MP 9.27	The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON in FFY 2018 from \$3.4M to \$3.468M in FFY 2019 due to financial constraint.
MC10.	Kahana Nui Bridge Replacement (Lower Honoapiilani Road - Route 3080), MP 2.40	Replace 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 in FFY 2016 from \$3.47M to \$3.54M in FFY 2017 due to financial constraint.
MC11.	Kahawaiokapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	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 in FFY 2017 from \$5.4M to \$5.51M in FFY 2018 due to financial constraint.
MC14.	Kokomo Road (Route 366, MP 3.9-MP 3.1) Pavement Reconstruction Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction, Piiholo Road to Kokomo Road (Route 366)	Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301, G401	Advance CON from \$4.463M in FFY 2017 to \$4.375M in FFY 2016 to reflect agency priority.
MC17.	Kulanihakoi Bridge Replacement, South Kihei Road (Route 3100), MP 1.40	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 in FFY 2016 from \$4.08M to \$4.16M in FFY 2017 due to financial constraint.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
MC19.	Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.	Y	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401	Defer and inflate CON in FFY 2018 from \$5.9M to \$6.02M in FFY 2019 due to financial constraint.
MC20.	Lower Honoapiilani Road (Route 3080, MP 0-MP 2) Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON in FFY 2019 from \$5 to \$5.1M in FFY 2020 due to financial constraint.
MC21.	Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON in FFY 2017 from \$3.5M to \$3.57M in FFY 2018 due to financial constraint.
MC28.	Onehee Avenue (Route 3960, MP 0.66-MP0) Pavement Rehabilitation, and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON in FFY 2017 from \$2.2M to \$2.245M in FFY 2018 due to financial constraint.
MC31.	Pavement Rehabilitation, Various Roads, South Maui: Kulanihakoi Street (Route 3175), MP 0-MP 0.5 Waipuilani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Piilani Highway (Route 31)	The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON in FFY 2016 from \$6M to \$6.12M in FFY 2017 due to financial constraint.
MC32.	Piikea Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, South Kihei Road (Route 3100) to Piilani Highway (Route 31)	The scope of work involves resurfacing the existing roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON in FFY 2016 from \$1.6M to \$1.632M in FFY 2017 due to financial constraint.

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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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	MAUI : STATE - FHWA											
MS16.	Honoapiilani Highway (Route 30), Safety Improvements, Vicinity of Kapoli Street to Papalaua Beach Park	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Reininclude project with \$3M for CON in FFY 2015 since it was not obligated in FFY 2014; ROW certifications were needed and topography maps were not yet completed.
	COUNTY OF MAUI - FHWA											
MC5.	Guardrail and Shoulder Improvements, Various Locations, Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 & Phase 2	Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	For Phase 1, defer and inflate CON in FFY 2016 from \$1.5M to \$1.53M in FFY 2017 due to financial constraint. For Phase 2, defer and inflate CON from \$1.8M in FFY 2017 to \$1.873M in FFY 2019 due to financial constraint.

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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	2015-2018 STIP Revision #1
	COUNTY OF MAUI - FHWA												
MC29.	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate CON in FFY 2018 from \$860K to \$880K in FFY 2019 due to financial constraint.
MC33.	Waiale Road (Route 3180) Traffic Signals at Waiinu Road	This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate CON in FFY 2017 from \$810K to \$826K in FFY 2018 due to financial constraint.
MC35.	Wakea Ave. (RTE 3920) and Kamehameha Avenue (RTE 3940) Traffic Signal Upgrade	This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate CON in FFY 2015 from \$1.2M to \$1.248M in FFY 2017 due to 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 MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	MAUI : STATE - FHWA												
MS6.	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	Add \$50K for DES in FFY 2015 to develop a Design/Build Request for Proposal.
MS13.	Puunene Avenue (Rte 3500) Improvements, Kaahumanu Kamehameha Avenue (Rte 32) to Kuihelani Highway (Route 380), MP 0.46 to 1.09	Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes coulbe included where feasible.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Change project limit from Kaahumanu Ave to Kamehameha Ave.
	COUNTY OF MAUI - FHWA												
MC25.	North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Kaonoulu Street to Namauu Place	The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.	N	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate CON in FFY 2019 from \$7.05M to \$7.19M in FFY 2020 due to financial constraint.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #1 document: <http://hidot.hawaii.gov/highways/files/2015/01/141229-15-18-REV-1.pdf>

ENHANCEMENT PROJECTS			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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	COUNTY OF MAUI - FHWA										
MC13.	Kihei Bikeway, Phase 2, Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekuai Street	The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction.	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Increase cost of CON in FFY 2015 from \$1M to \$2M. Needed drainage improvements and parallel parking were added to the scope.
MC22.	Makawao Avenue (Route 365, MP 1.5-MP 1.7) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate CON in FFY 2017 from \$1.25M to \$1.275M in FFY 2018 due to financial constraint.
MC34.	Waipuilani Bikepath	Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate CON in FFY 2018 from \$1.73M to \$1.765M in FFY 2019 due to financial constraint.

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SYSTEM PRESERVATION		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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	KAUAI : STATE - FHWA											
KS4.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Bridge No. 7E	Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Advance \$67K of ROW from FFY 2017 to FFY 2015.
KS5.	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	Advance \$105K of ROW from FFY 2018 to FFY 2015. Also add \$100K for DES in FFY 2015.
KS6.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Omao Bridge	Rehabilitation of concrete T-girder bridge on Kaumualii 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 \$108K in FFY 2015 to \$110K in FFY 2016 since an alignment has not been selected and thus ROW maps are not complete. ROW acquisition usually occurs one year after ROW maps are obtained.
KS8.	Kuhio Highway (Route 56), Bridge Replacement, Kapaia Bridge	Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate ROW from \$790K in FFY 2015 to \$805K in FFY 2016 since an alignment has not been selected and thus ROW maps are not complete. ROW acquisition usually occurs one year after ROW maps are obtained. Also advance CON from \$10.71M in FFY 2016 to \$10.925M in FFY 2017. Delete \$6M of Advance Construction Reimbursement in FFY 2017.
KS15.	Kuhio Highway (Route 560), Bridge Rehabilitation, Wainiha Stream Bridges #1, #2 & #3	Repiar/rehabilitate existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	New project. Add DES, ROW and CON in FFY 2015. DES was not obligated in FFY 2014.

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SYSTEM PRESERVATION		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 Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
	COUNTY OF KAUAI - FHWA											
KC2.	Hanapepe Road (Route 545) Resurfacing	Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate CON from \$3M in FFY 2015 to \$3.12M in FFY 2017 and \$1M of Advance Construction reimbursement in FFY 2018 for financial constraint.
KC13.	Kapahi Bridge Replacement	Repair or rehabilitate and strengthen the existing Kapahi Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	New project that was deferred from FFY 2014.
KC6.	Opaekaa Bridge Rehabilitation	Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON from \$3M in FFY 2016 to \$3.06M in FFY 2017 for financial constraint.
KC8.	Puhi Road (Route 5010) Rehabilitation, Phase 2 - Kaneka St to S. Haleukana St (MP 0.35 to MP 0.80)	Rehabilitate Puhi Road. Phase 1 was from Kaumualii Hwy (MP 0) to Kaneka St. Phase 2 will rehabilitate Puhi Road from Kaneka St to South Haleukana St intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Add \$3.3M for CON for Phase 1, which was deferred from FFY 2014.
KC9.	Puuopae Bridge Rehabilitation	Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON from \$3M in FFY 2015 to \$3.06M in FFY 2016 for financial constraint.

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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	2015-2018 STIP Revision #1
	KAUAI : STATE - FHWA											
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai, Parts 3, 4 & 5	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Advance program one year.
KS11.	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	Advance and decrease \$550K of ROW from FFY 2018 to \$120K in FFY 2015.

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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 Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #1
Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects											
	COUNTY OF KAUAI - FHWA										
KC4.	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	A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/ped path will be 10 to 12 feet wide and allow movement in both directions.	Y	L	H	N	Y	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Add Phase A-1 CON, which was deferred from FFY 2014. Defer and inflate CON for Phases C & D from \$1.5M in FFY 2015 to \$1.53M in FFY 2016 to make room for the addition of Phase A-1 and maintain financial constraint.
KC4.	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94). Phase A - Ahukini Landing to Hanamaulu Beach Park. Phase B - Hanamaulu Beach Park to Wailua Golf Course	The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt, connecting with an existing path at Lydgate Park. A future Phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5M.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate Phase A CON from \$7.425M in FFY 2018 to \$7.575M in FFY 2019 to maintain financial constraint. Defer and inflate Phase B DES from \$800K in FFY 2017 to \$815K in FFY 2018 to maintain financial constraint.
KC4.	Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phases A - Ninini Point to Ahukini & Phase B - Ninini Point to Nawiliwili Beach Park	Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional conectivity through urban areas.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate Phase A DES from \$1.835M in FFY 2016 to \$1.87M in FFY 2018; ROW from \$410K in FFY 2018 to \$420K in FFY 2019; CON from \$6.73M in FFY 2019 to \$6.865M in FFY 2020 to maintain financial constraint.
KC7.	Poipu Road (Route 520) Multimodal Improvements	Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping	N	L	L	N	N	Y	Y	G101-4, G201-2, G301-2, G401	Defer and inflate CON from \$4.5M in FFY 2017 to \$4.59M in FFY 2018 for financial constraint.

*Kaihalulu
Beach*

*Kahuku Airfield
(abandoned)*



PROJECT SITE

*Hanakailio
Beach*

OS53

TRN: 501

KAMEHAMEHA HIGHWAY, BRIDGE REPLACEMENT HOOLAPA (NANAHU) STREAM BRIDGE

KAMEHAMEHA

RD

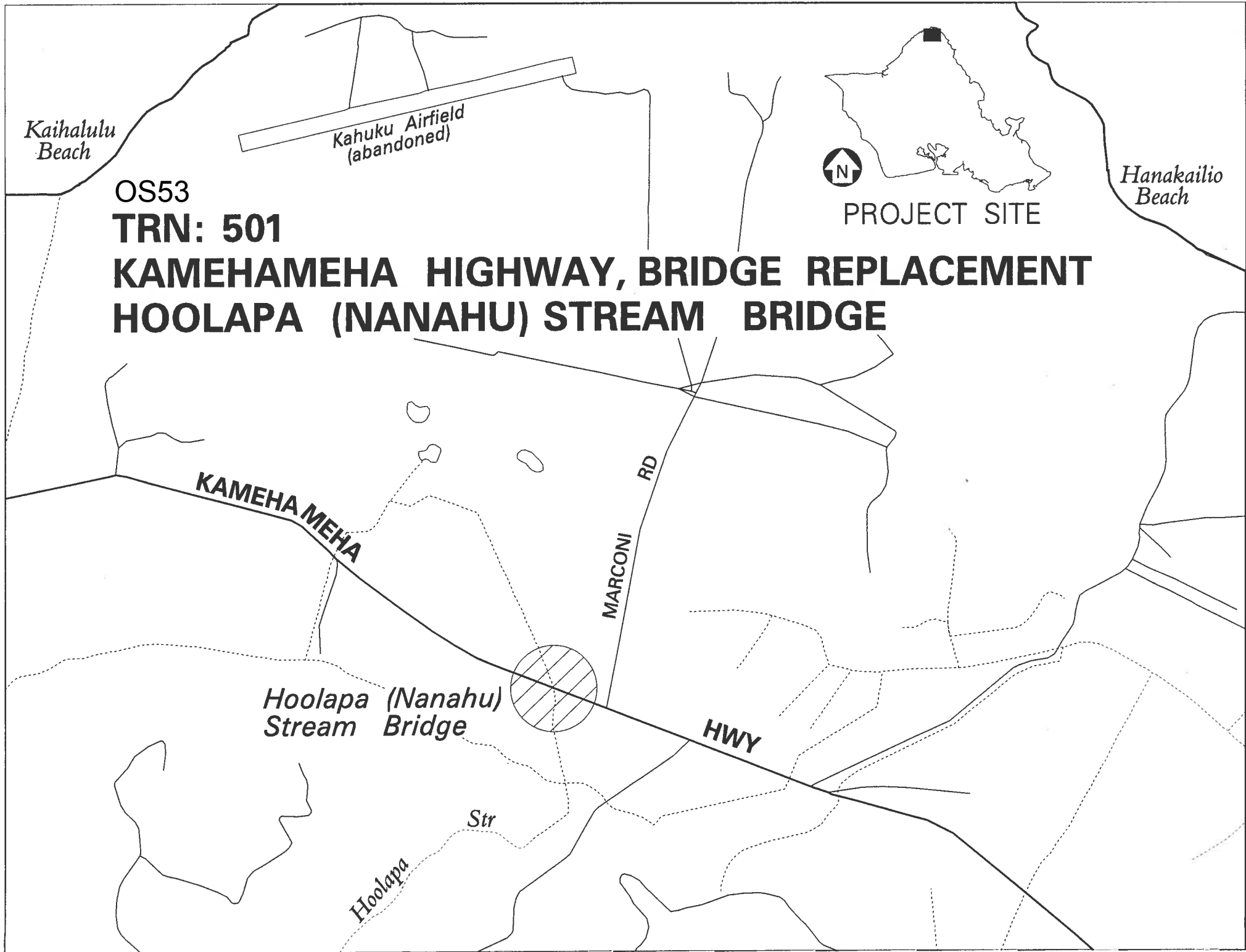
MARCONI

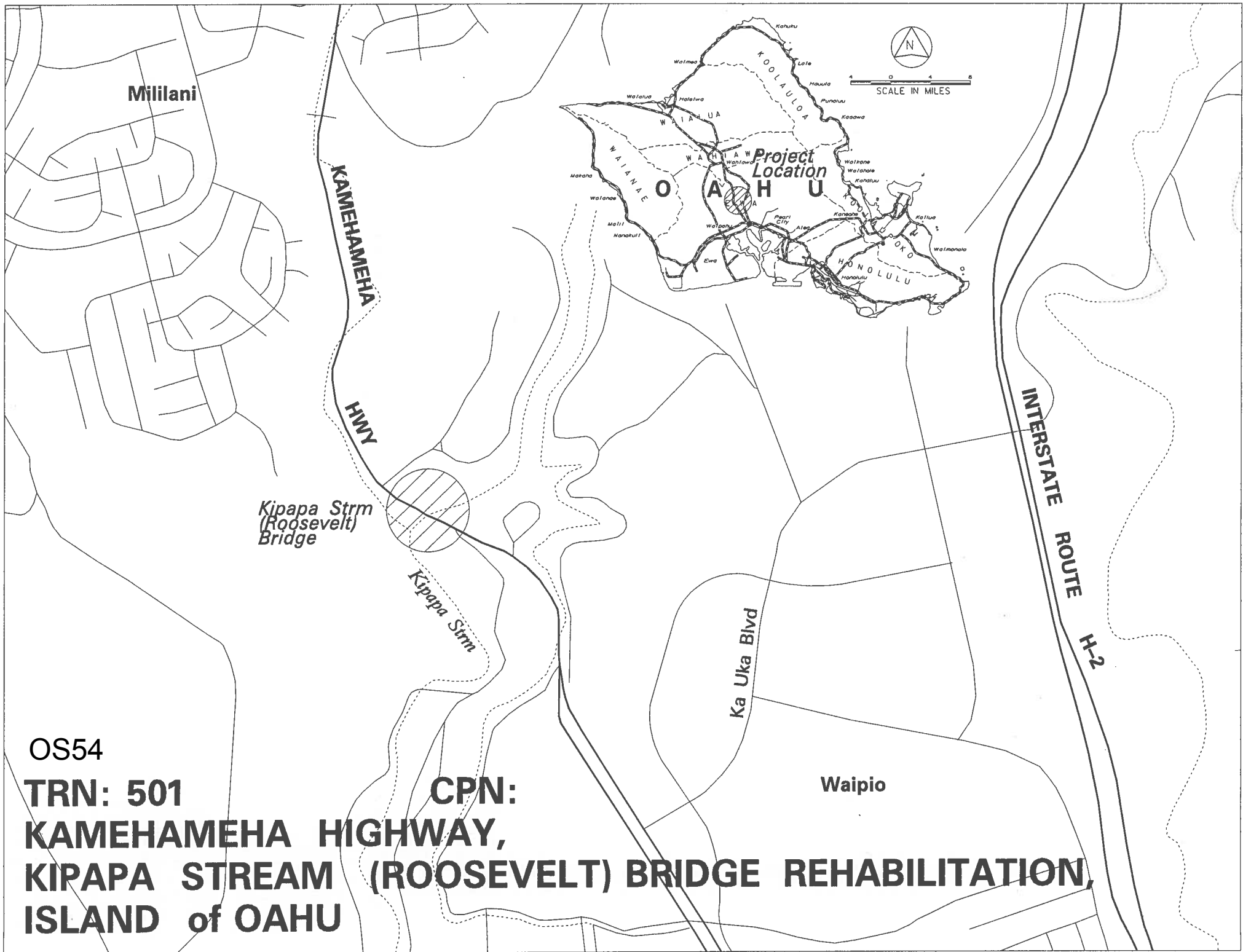
*Hoolapa (Nanahu)
Stream Bridge*

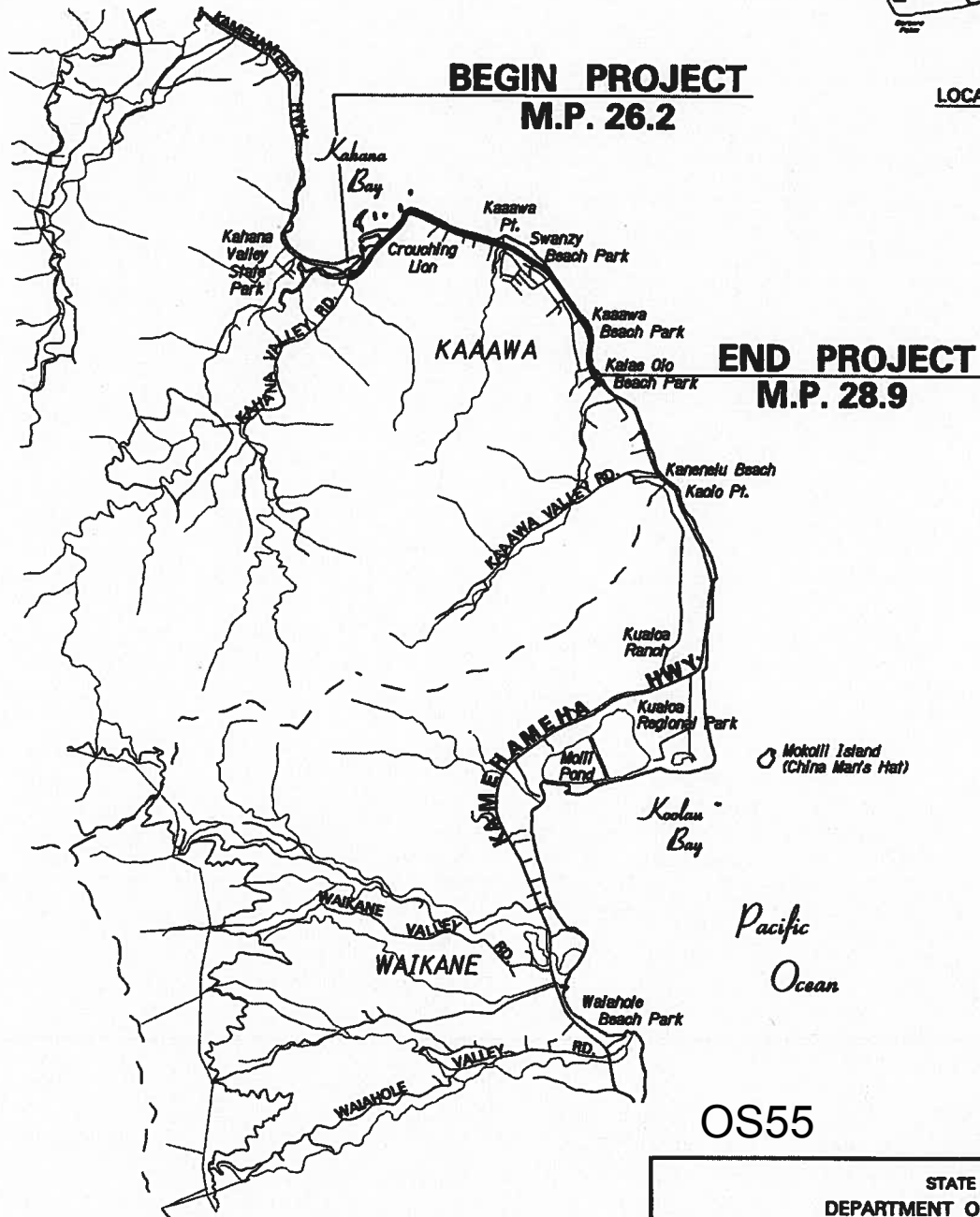
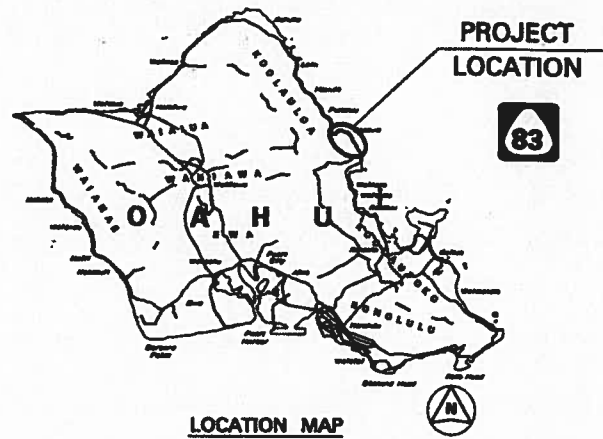
HWY

Str

Hoolapa







OS55

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

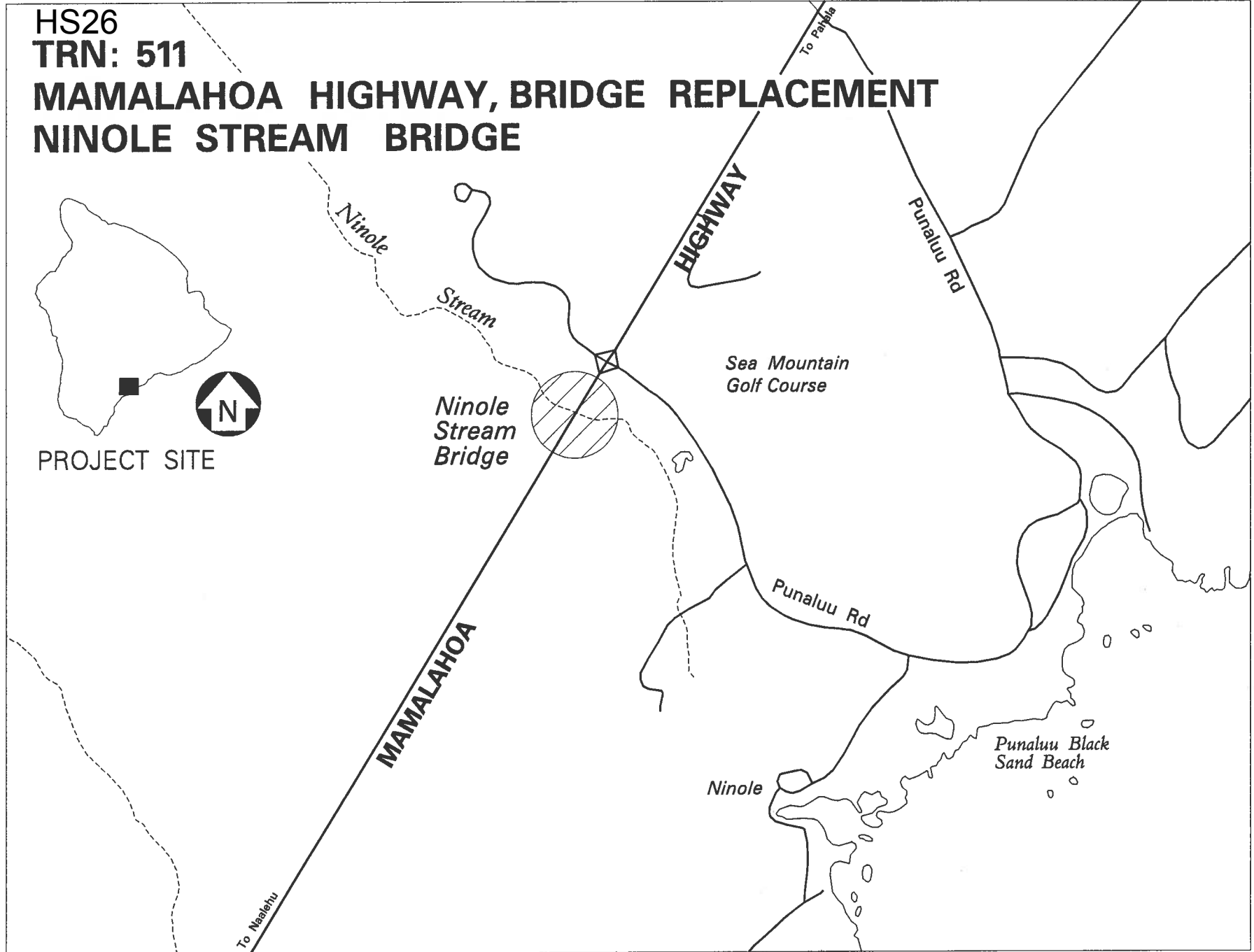
KAMEHAMEHA HIGHWAY
SAFETY IMPROVEMENTS IN THE
VICINITY OF KAHANA VALLEY
ROAD TO KAAAWA BRIDGE
(M.P. 26.2 to M.P. 28.9)

ISLAND OF OAHU

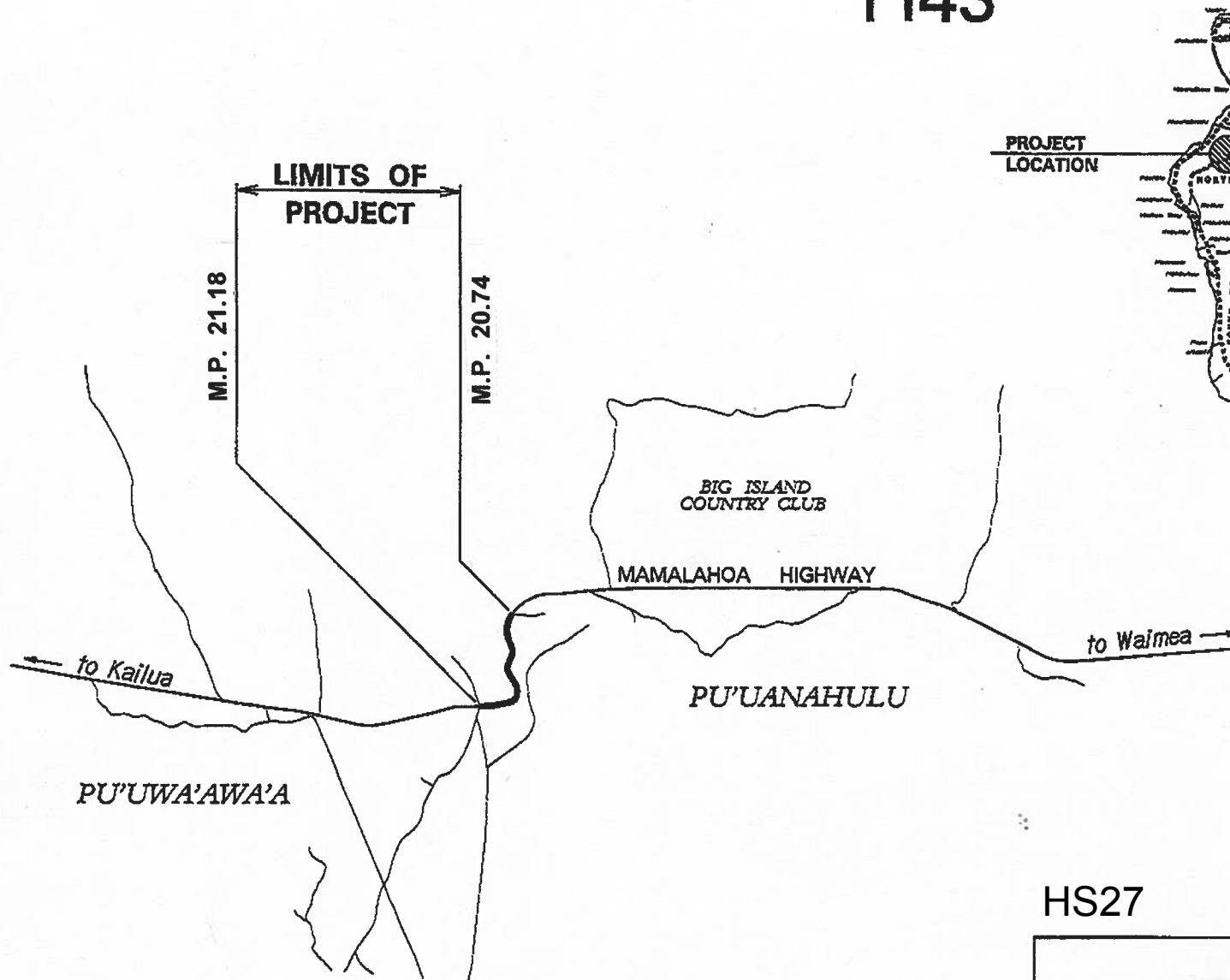
HS26

TRN: 511

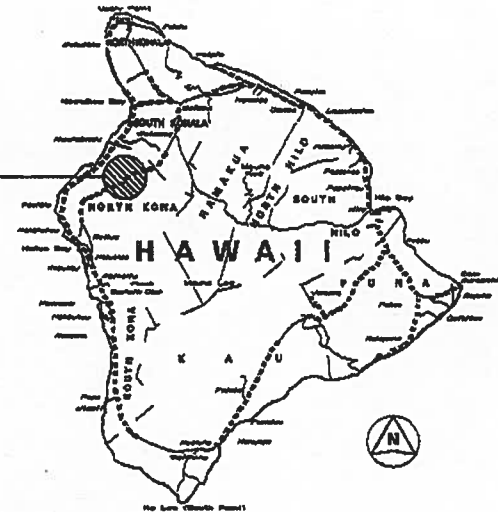
MAMALAHOA HIGHWAY, BRIDGE REPLACEMENT NINOLE STREAM BRIDGE



T143



PROJECT
LOCATION



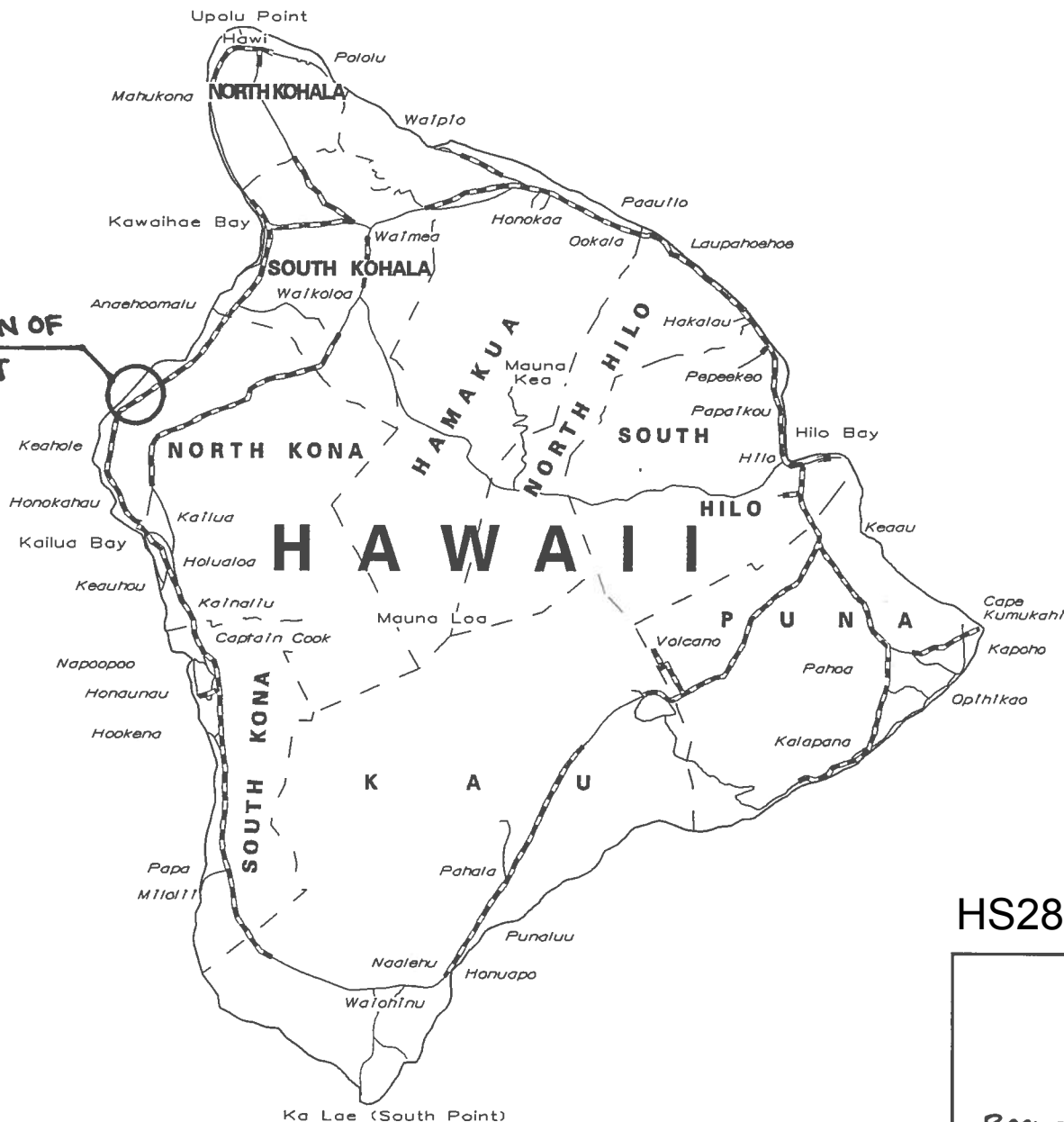
HS27

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
VICINITY OF PUUWAAWAA RANCH ROAD**

DISTRICT OF NORTH KONA
ISLAND OF HAWAII

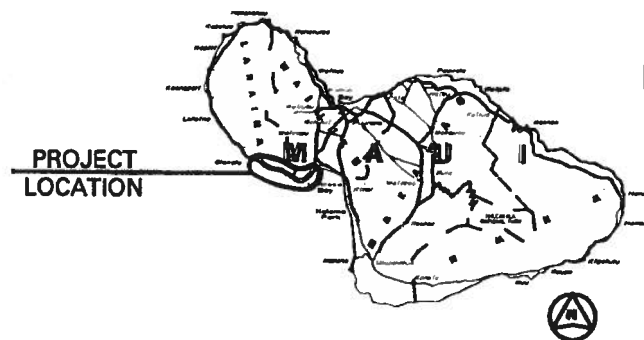
LOCATION OF
PROJECT



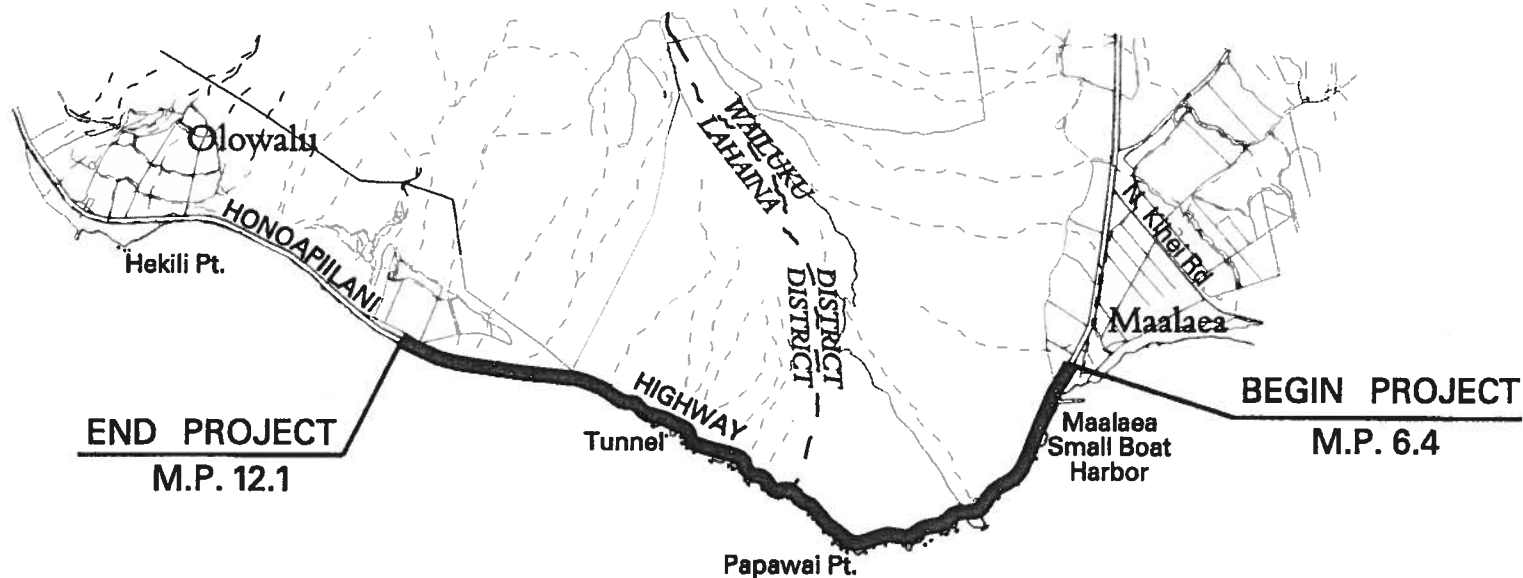
HS28

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Queen Kaahumanu Highway
Resurfacing and Intersection Improvements
Vicinity of Kekaha Kai State Park
(Rt. 19, M.P. 89.8 to 92.5)



LOCATION MAP



*Pacific
Ocean*

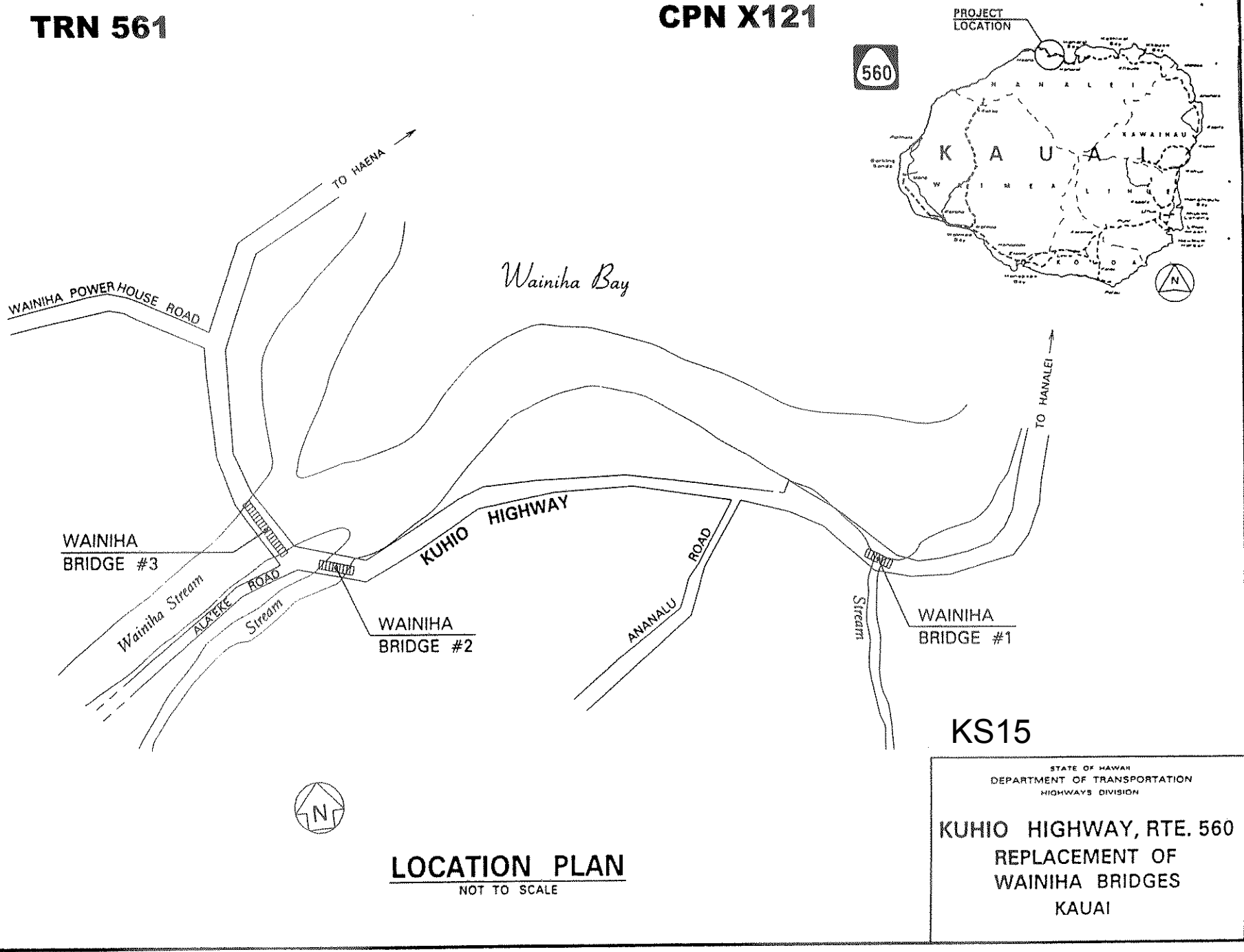
MS16

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOAPIILANI HIGHWAY
SAFETY IMPROVEMENTS IN THE
VICINITY OF KAPOLI STREET TO
UKUMEHAMEHA BEACH PARK ROAD
(M.P. 6.4 TO M.P. 12.1)

ISLAND OF MAUI

TRN 561

CPN X121



LOCATION PLAN
NOT TO SCALE

KS15

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

KC13. Kapahi Bridge Replacement

