

**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.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
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	Increase program from \$700K in FFY 2016-FFY2020 to \$2.5M to supplement HSIP eligible SPR items. The \$1.8M increase consists of 100% HSIP penalty funds, until gone.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																		
OS1.	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.	H	N/A	H	N/A	L	H	N	N	Y	N/A	Y	Y	Y	Proj. 41	G101-3, G301-2, G401	(TIP Rev #8) Federalize two (2) projects in FFY 2015-- Kamehameha Hwy Resurfacing, Dairy Rd to Laiewai Bridge, MP 9.72 to MP 17.66 (\$14.551M total) and Likelike Hwy Resurfacing, School St to Emmeline PI (\$17.7M total).
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	(TIP Rev #8) Defer and increase CON from \$17.2M in FFY 2017 to \$22M in FFY 2019. Defer and increase ADVCON reimbursement from \$9.7M in FFY 2018 to \$10M in FFY 2020. ROW acquisition is projected to be complete in FFY 2018.
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	(TIP Rev #8) Increase CON estimate to reflect current cost estimate from \$5.4M to \$6.3M in FFY 2016. Delete \$4M of ADVCON in FFY 2017 since this project will be fully funded in FFY 2016.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OS24.	Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoa'ole Stream Bridge, Waimanalo	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	(TIP Rev #9) Defer and inflate (by 2%) CON from \$9.55M in FFY 2016 to \$10.2M in FFY 2019 due to lengthy ROW acquisition. Adjust ADVCON reimbursement from \$6.5M in FFY 2017 to \$6M in FFY 2020 for financial constraint. Construction schedule to be combined with other Kalaniana'ole Highway projects.
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	(TIP Rev #9) Add \$4.9M for CON in FFY 2017.
OS27.	Kamehameha Highway (Route 83), Bridge Rehabilitation, Makaua Stream Bridge	Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 42	G101-2, G201-2, G301-2, G401	(TIP Rev #9) Defer and inflate (by 2%) ROW from \$280K in FFY 2016 to \$297K in FFY 2019; CON from \$6M in FFY 2017 to \$6.367M in FFY 2020; and ADVCON reimbursement from \$4M in FFY 2018 to STIP out years. Design will begin in FFY 2016.
OS28.	Kamehameha Highway (Route 83), Bridge Replacement, Kaipapau 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	(TIP Rev #9) Defer and inflate (by 2%) CON from \$16.58M in FFY 2016 to \$17.6M in FFY 2019 since ROW acquisition is projected to be complete in early FFY 2019. \$10M of ADVCON reimbursement is deferred from FFY 2017 to FFY 2020.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
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	(TIP Rev #8) Defer CON from FFY 2016 to FFY 2017. Also update CON estimate and split with OS53 (Kamehameha Hwy, Hoolapa (Nanahu) Stream Bridge Replacement).
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	(TIP Rev #8) Defer and update CON estimate from \$18M in FFY 2015 to \$14.9M in FFY 2016 to reflect current project cost and schedule.
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	(TIP Rev #8) Defer and inflate (by 2%) ROW from \$1M in FFY 2016 to \$1.02M in FFY 2017; CON from \$26M in FFY 2017 to \$26.52M in FFY 2018; \$9M of ADVCON reimbursement from FFY 2018 to FFY 2019; \$10M of ADVCON reimbursement from FFY 2019 to FFY 2020. ROW acquisition has been delayed in land court.
OS34.	Kamehameha Highway (Route 83), Bridge Replacement, Waiahole Stream Bridge	Replace the existing concrete structure.	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	(TIP Rev #8) Delete \$110K of PREROW in FFY 2016 since it was previously obligated. Defer and inflate (by 2%) ROW from \$562K in FFY 2017 to \$573K in FFY 2018; CON from \$11.708M in FFY 2018 to \$11.942M in FFY 2019; \$5M of ADVCON reimbursement in FFY 2019 to FFY 2020 since a design consultant had to be procured again.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
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	(TIP Rev #9) Defer and inflate (by 2%) ROW from \$265K in FFY 2016 to \$281K in FFY 2019; CON from \$8.925M in FFY 2019 to \$9.103M in FFY 2020; and ADVCON from \$5M in FFY 2020 to a STIP out year since Right of Entry is needed to complete an Archaeological Inventory Study, is projected to take 1 year to obtain.
OS47.	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 42	G101-2, G201-2, G301	(TIP Rev #8) This project will absorb OS48. Defer and inflate (by 2%) OS47 CON from \$4.03M in FFY 2016 to \$10.822M in FFY 2017, which also includes \$6.712M of CON from OS48. Design hasn't started yet.
OS48.	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 42	G101-2, G201-2, G301	(TIP Rev #8) This project will combine with OS47. Defer and inflate (by 2%) OS48 CON from \$6.58M in FFY 2016 to \$6.712M in FFY 2017, which is included in OS47. Design hasn't started yet.
OS62.	Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) Kamehameha Highway (Route 83) Ph 1 - Lighting entire length. Resurf. Waakanaka St to Kamehameha Hwy	Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.	L	N/A	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 42	G101-3, G301-2, G401	(TIP Rev #9) New project with \$44M of CON funds in FFY 2017 and \$2.5M of ADVCON funds in FFY 2018.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OS62.	<p>Pali Highway (Route 61) Resurfacing & Lighting Improvements, Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)</p> <p>Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St</p>	<p>Scope of work includes but is not limited to cold planing, resurfacing, reconstruction of weakened pavement, installation of new highway lighting, construction of concrete median barriers, replacement of guardrails in-kind and end treatments, installation of new guardrails, installing bridge rails, and installation of signs and pavement markings.</p>	L	N/A	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 42	G101-3, G301-2, G401	(TIP Rev #9) New project with \$18M of CON funds in FFY 2019 and \$10M of ADVCON funds in FFY 2020.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																	
OS25.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo-Beach Park Vicinity of Makai Pier, Phase 1	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.1 2	G101-3, G201-2, G301-2, G401	(TIP Rev #9) Ultimate project limits have extended from Waimanalo Beach Park to Vicinity of Makai Pier.
OS26.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo-Beach Park Vicinity of Makai Pier, Phase 2	Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	L	N	N	Y	N/A	Y	Y	Y	Proj.1 2	G101-3, G201-2, G301-2, G401	(TIP Rev #9) Ultimate project limits have extended from Waimanalo Beach Park to Vicinity of Makai Pier. Project to absorb OS23.
OS26.	Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo-Beach Park Vicinity of Makai Pier (MP 6.9), Phase 3	Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Aloiloi Street to Waimanalo-Beach Park (Huli Street) Vicinity of Makai Pier. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	L	N	N	Y	N/A	Y	Y	Y	Proj.1 2	G101-3, G201-2, G301-2, G401	(TIP Rev #9) Ultimate project limits have extended from Waimanalo Beach Park to Vicinity of Makai Pier. Project to absorb OS23.
OS61.	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawailoa Beach	Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.	L	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj. 53	G101-3, G201-2, G301-2, G401	(TIP Rev #9) New project with \$2.84M of DES funds in FFY 2017 and \$1M of ROW funds in FFY 2017.
OS38.	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.1 4	G101-2, G201-2, G301	(TIP Rev #9) OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer \$5.7M of CON in FFY 2020 to the out years. This project will be deleted from the STIP.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
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.1 4	G101-2, G201-2, G301	(TIP Rev #9) OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer and inflate (by 2%) CON from \$10.4M in FFY 2017 to \$10.82M in FFY 2019. The Environmental Assessment will not be completed until FFY 2018 and ROW will not be acquired until FFY 2019.
OS40.	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.1 4	G101-2, G201-2, G301	(TIP Rev #9) OS38, OS39, and OS40 are a program. A delay in the development of the first project (OS39) causes a delay in the other two projects (OS38 and OS40). Defer and inflate (by 2%) CON from \$7.35M in FFY 2018 to \$7.65M in FFY 2020. Delete \$5M in ADVCON reimbursement in FFY 2019.
OS52.	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	The description of work would be to design, construct and operate a truck weigh station to perform truck inspections and driver credential checks at the egress of the container terminal on Sand Island Access Road. The work includes auxiliary lanes to accommodate truck vehicles, traffic controls, truck weighing infrastructure and computer hardware/ software, operator kiosk/ office.	L	L	L	L	L	N	N	N	N/A	Y	Y	Y	Proj.4 2	G101-2, G301, G501	(TIP Rev #9) DES and PREROW will be State-only funded. Delete federal portions of \$106K and \$103K in FFY 2016 for DES and PREROW respectively. Add \$3M for ROW acquisition in FFY 2017. Defer and inflate (by 2%) CON from \$5M in FFY 2017 to \$5.1M in FFY 2018. Categorical Exclusion is expected to be done in early FFY 2017.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
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	(TIP Rev #8) In FFY 2017: Requesting revised costs to add Operations. In FFY 2016: Reprogrammed \$1.5 million from OC8.
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.3 9	G101-3, G201-2, G301, G401	(TIP Rev #8) In FFY 2016: Requesting deferring ROW, CON, and INSP for Kalaheo Avenue/Kailua Rd. Requesting to defer TBD to reflect available resources. Requesting to reprogram \$1.5 million to OC1. In FFY 2017: Requesting adding CON and INSP to Village Park/Kupuna Loop. In FFY 2018: Requesting reprogramming \$896,000 to OC23.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																			
OS57.	Freeway Management System, Joint Traffic Management Center Operations (State)	These funds will be required for the State share of the annual operating expenses for the JTMC which includes normal building operations and a JTMC Manager. The State share has been calculated based on methodology that involves the estimated square footage that the State will occupy.	N/A	L	N/A	N/A	L	M	N/A	N	N	N	Y	Y	Y	Y	Proj. 5	G101-2, G104, G201-2, G301-2, G401	(TIP Rev #9) New project with \$350K in OPR funds for FFY 2017 to FFY 2020.
OS58.	Interstate Route H-1, Corridor Study, Short Term Improvements	Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study	L	L	N/A	TBD	L	L	N/A	N	N	TBD	TBD	Y	Y	Y	Proj.42	G101-2, G104, G201, G302, G401	(TIP Rev #9) New project with \$2M of PLN funds in FFY 2017.
CITY & COUNTY OF HONOLULU - FHWA																			
OC4.	Computerized Traffic Control System	Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.	H	L	N/A	M	L	L	N/A	Y	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	(TIP Rev #8) In FFY 2018: Requesting adding Federal funding to CON. Requesting reprogramming \$895,000 to OC23.
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	(TIP Rev #8) In FFY 2016: Requesting to revise costs to reflect actual costs. Requesting to add PLN to Phase 18.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																		
OS59.	Interstate Route H-1, Eastbound Improvements, Waiawa Interchange to Halawa Interchange	Capacity improvements through the defined limits, which could include adding a through lane and/or improving ramps and shoulders.	H	L	TBD	M	L	L	N	N	N	N/A	Y	Y	Y	Proj. 61	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #9) Add new regionally significant project with \$900K of DES funds (all local funds) in FFY 2016.
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.1 5	G101-2, G104, G201-2, G302, G401	(TIP Rev #8) Reduce ADVCON amount from \$12M to \$9.977M in FFY 2016 due to low bid received
OS19.	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.	H	L	H	H	L	M	Y	N	Y	N/A	Y	Y	Y	Proj.2 8	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #9) Delete project (\$19M of CON in FFY 2020) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.
OS21.	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	Widen the westbound Waipahu off-ramp from one to two lanes.	H	L	H	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.2 4	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #9) Delete project (\$3.642M of DES in FFY 2019) from STIP. The project purpose and need will be addressed in the current PM Contraflow project.
OS60.	Kahekili Highway (Route 83) Improvements, Likelike Highway (Route 63) to Kamehameha Highway (Route 6510)	Capacity improvements through the defined limits, which could include widening and/or improving intersections. Estimated Total Project Cost is based on a potential full build alternative.	TBD	L	TBD	M	L	M	N	N	TBD	N/A	Y	Y	Y	Proj. 62	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #9) Add new project with \$6M of DES funds in FFY 2018.
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.2 2	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #8) Defer and inflate (by 2%) CON from \$17.7M in FFY 2017 to \$18.1M in FFY 2018. Defer and adjust ADVCON reimbursement from \$4M in FFY 2018 to \$8M in FFY 2019 and \$10M in FFY 2019 to \$4.48M in FFY 2020. Capacity and system preservation projects were reprioritized to maintain STIP financial constraint.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OS63.	Traffic Counting Stations at Various Locations, Oahu.	Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.	N/A	N/A	N/A	N/A	L	N/A	N/A	Y	N/A	TBD	Y	Y	Y	Proj. 4	G101-2, G301, G501	(TIP Rev #9) New project with \$2.5M of CON funds in FFY 2017. Split off from S16. This is the Oahu component.
CITY & COUNTY OF HONOLULU - FHWA																		
OC23.	Salt Lake Boulevard (Route 7311), Widening, Phase 3	To widen the Salt Lake Boulevard to a multi-lane roadway within the existing 100' right-of-way between Maluna and Ala Lilikoi Streets.	H	L	M	M	M	L	Y	N	Y	Y	Y	N	Y	Proj.3 1	G101-2, G104, G201-2, G302, G401, G502	(TIP Rev #8) Request to defer beginning of CON from FFY 2017 to FFYs 2018.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																
OS23.	Kalaniana'ole Highway Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park	Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park to Kainoa Beach Park.	N	Y	L	M	N	N	N	N/A	Y	Y	Y	Proj.1	G101-3, G201-2, G301-2, G401	(TIP Rev #8) This project (\$250K of CON Earmark in FFY 2017 and \$2.55M of CON in FFY 2017) will be constructed by OS26 -- Kalaniana'ole Highway Improvements, Olomana Golf Course to Vicinity of Makai Pier.
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	(TIP Rev #8) Defer and inflate (by 2%) PREROW from \$106K in FFY 2016 to \$108K in FFY 2017 and ROW from \$3M in FFY 2018 to \$3.06M in FFY 2019. Design for Phase II is scheduled to begin after Phase I construction begins.
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	(TIP Rev #8) For the Hamakua Drive project, Requesting addition of DES phase. Requesting deleting of Pearl Harbor Bike Path. For TBD - DES 2017, Requesting addition of DES phase to 2017. For TBD - CON 2018, Requesting reprogramming 1087 to OC23; defer, adjust, and inflate (by 2% inflation rate) from FFY 2018 to FFY 2019 for CON phase. Requesting reprogramming 122 to OC23; defer and inflate (by 2% inflation rate) from FFY 2018 to FFY 2019 for INSP phase. For the TBD-CON 2019, Requesting defer and inflate (by 2% inflation rate) from FFY 2019 to FFY 2020 for CON phase. Requesting defer and inflate (by 2% inflation rate) from FFY 2019 to FFY 2020 for EQP phase. Requesting removal of TBD - CON 2020. The estimated project cost was reduced to \$6,695,000.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OC25.	Transportation Alternatives Program at Various Locations	The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.	N	Y	L	M	N	N	N	N/A	Y	Y	Y	Proj.2	G101-4, G201-2, G301-2, G401, G501	(TIP Rev #9) New project with \$500K of CON funds in FFY 2016 for DTS Secure Bike Storage Units and \$500K of CON funds in FFY 2016 for HART Middle Loch Connector.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5 (TIP Revision #8 & #9)
OAHU : STATE - FHWA																
OS64.	Honolulu Rail Transit Project - Highway Improvements	Traffic improvements to traffic control devices and intersections affected by rail construction along the West Oahu Farrington Highway (Routes 7110 & 7101 from Old Fort Weaver Road to Waipahu High School) and Kamehameha Highway (Route 99 from Acacia Road to Aloha Stadium) Guideway construction corridors.	N	N	N	N	N	N	Y	N/A	Y	Y	Y	Proj.36	G101-3, G201-2, G301-2, G401	(TIP Rev #9) New project to transfer FHWA funds to OC16.
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	(TIP Rev #9) In FFY 2016: revised costs to reflect actual costs. Using carryover funds from FFY 2015.
OC24.	Capital Training	Public Transit Division staff attendance at training workshops offered by the National Transit Institute.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Proj.40	G103	(TIP Rev #9) Added project to fund attendance at workshops offered by the National Transit Institute.
OC16.	Honolulu Rail Transit Project	Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.	N/A	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Proj.36	G101-4, G201-2, G301-2, G401, G502	(TIP Rev #8) In FFY 2016, request to defer FTA §5307 federal funds and local match to FFY 2023. (TIP Rev #9) In FFY 2016, request to add \$24M in FTA §5307 federal funds transferred from NHPP/STP FLEXIBLE (OS64).
OC20.	Preventive Maintenance	Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.	Y	N/A	N/A	N/A	N/A	Y	Y	N/A	Y	Y	Y	Proj.40	G101-4, G201-2, G301-2, G401, G501	(TIP Rev #8) Revised costs to reflect actual costs. Request to add \$21.883M in federal funds to OPR in FFY 2016.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.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 MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #5
HAWAII : STATE - FHWA												
HS2.	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	Removed Volcano Road Resurfacing, MP 6.5 to MP 9.0 from program listing since the scope has increased beyond system preservation.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
HAWAII : STATE - FHWA													
HS16.	Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer this project outside of the 2015-2018 STIP because the Capacity Plan for Hawaii Island identifies the Daniel K Inouye Highway Extension and the Keaau Pahoa Improvements projects to be capacity priorities. From a balanced program perspective, other capacity projects will be deferred until more funding becomes available.
COUNTY OF HAWAII - FHWA													
HC2.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Alii Dr. near the Keauhou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase In the design phase.	Y	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	This project will be deferred out of the 2015-2018 STIP since it is not the current funding priority for the County of Hawaii.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.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 MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #5
MAUI : STATE - FHWA												
MS18.	Hana Highway Bridge Preservation Program, Phase 1	Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded. Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali		N	L	L	N	N	Y			New project with \$2.075M of DES funds in FFY 2017 and \$1.065M of ROW funds in FFY 2019.
MOLOKAI												
MS15.	Kamehameha V Highway (Route 450), Bridge Replacement, Makakupaia Stream Bridge	Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94, Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate CON from \$7.1M in FFY 2017 to \$7.535M in FFY 2020 since a consultant contract is currently being procured.
COUNTY OF MAUI - FHWA												
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	Delete project since it will be done with local funds only.
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 from \$3.54M in FFY 2017 to \$3.683M in FFY 2019 since there are many land owners involved and ROW will take extra time.
MC41.	Kaupakalua Road (Route 365) Pavement Rehabilitation Phase 1 - Kokomo Road to East Kuiaha Road Phase 2 - East Kuiaha Road to Hana Hwy	The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	New project with \$550K of DES funds (all local funds) in FFY 2017, \$5.6M of CON funds for Phase 1 in FFY 2018 and \$7.7M of CON funds for Phase 2 in FFY 2019.
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, Piipholo 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	Defer and increase CON from \$4.375M in FFY 2016 to \$9.2M in FFY 2017 since ROW acquisition will delay the project and scope to reconstruct sidewalks was added.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.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 MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #5
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 from \$3.57M in FFY 2018 to \$3.641M in FFY 2019 due to reprioritization to meet 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	Delete project since private development in the area will be responsible for these improvements.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
MAUI : STATE - FHWA												
MS19.	Hana Highway Safety Improvements, Kaiiae Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; superelevation assessment (to determine treatment) along entire segment, if necessary; install flashing beacons in both directions near Mama's Fish House; push back embankment; install rumble strips in lane; pavement markings; & signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	New project with \$50K of DES funds in FFY 2016 and \$450K of CON funds in FFY 2018.
MS20.	Piilani Highway Safety Improvements, N. Kihei Rd to the Vicinity of Alanui Ke Alii Dr., MP 3.7 to MP 8.5	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; shoulder widening where possible; traffic signal interconnectivity if possible; installation of backplates with retroreflective borders for all traffic signal heads; extend right turn acceleration lane from Welakahao Rd; install rumble strips in turning lanes; pavement markings; & signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	New project with \$90K of DES in FFY 2016 and \$810K of CON in FFY 2018.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
	MAUI : STATE - FHWA												
MS6.	Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase 1C, Keawe Street Extension to Kaanapali Connector	Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.	Y	N	L	M	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer \$6.25M of ROW in FFY 2019 and \$41.6M of CON in FFY 2020 out of the STIP due to the lack of overall Capacity Program priority and funding and manpower resources.
MS16.	Kihei-Upcountry Maui Highway (Route 374), Phase 1A	This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makena area with Upcountry Maui. The terminus points are Haleakala Highway at the Upcountry Maui end and Piilani Highway at the Kihei-Makena end.	N	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer \$20M of CON in FFY 2020 out of the STIP since the current capacity priority for Maui is Lahaina Bypass Phase 1B2 (MS6).

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects											
MAUI : STATE - FHWA											
MS3.	Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Nanihoa Overpass	Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.	Y	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer \$2.55M of CON funds in FFY 2016 out of the STIP since HDOT's focus is system preservation, safety and mandates.
COUNTY OF MAUI - FHWA											
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 ROW from \$1.275M in FFY 2018 to \$1.301M in FFY 2019 due to reprioritization to meet financial constraint.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
KAUAI : STATE - FHWA												
KS4.	Kaunualii Highway (Route 50), Bridge Rehabilitation, Bridge No. 7E	Repair/rehabilitate bridge 7E on Kaunualii Highway update to current bridge standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Advance and update cost estimate for CON from \$6.96M in FFY 2020 to \$3.2M in FFY 2016.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

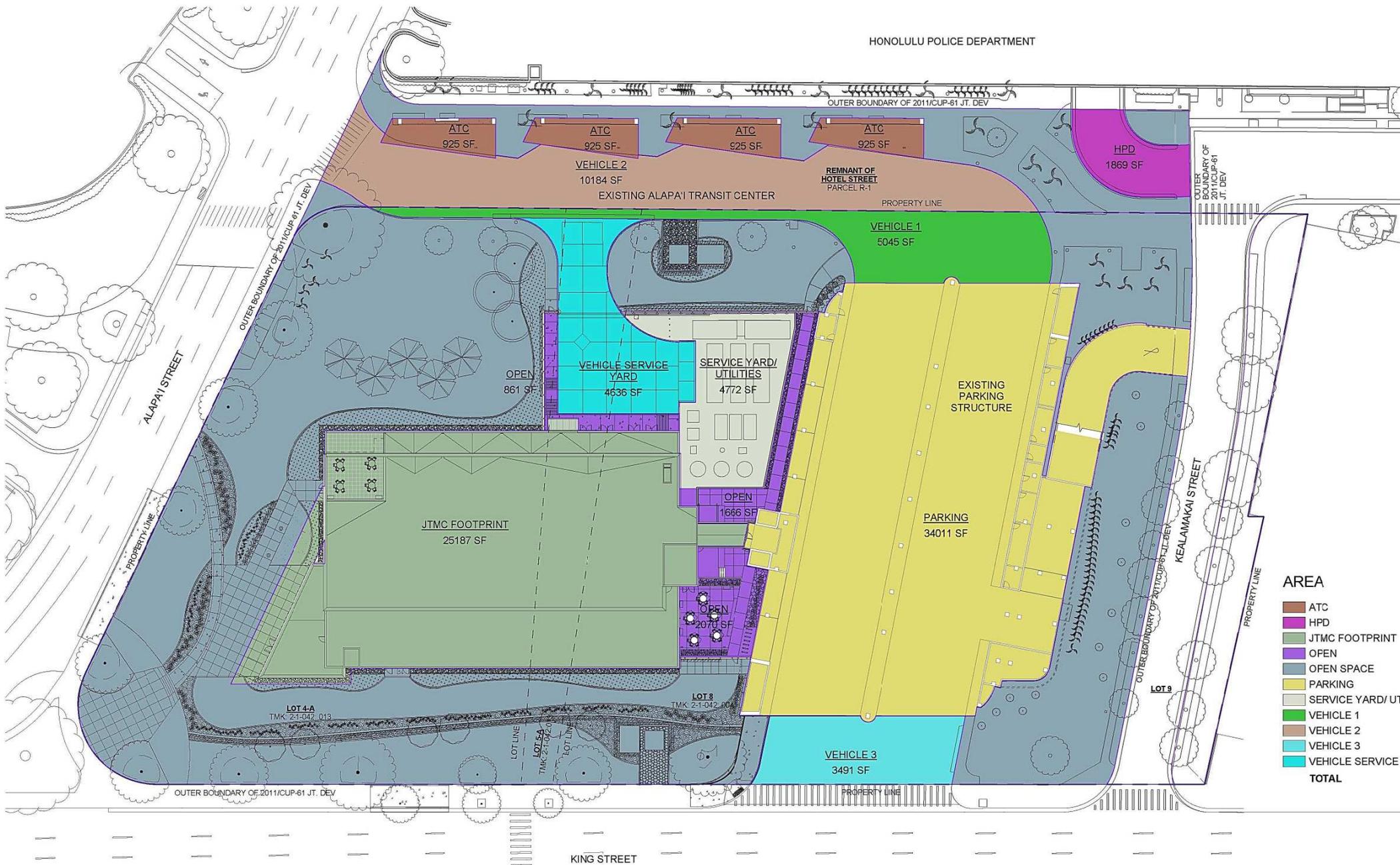
SAFETY PROJECTS		Project Description	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Rockfall 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 #5
COUNTY OF KAUAI - FHWA												
KC10.	Rice Street (Route 5020) Improvements, MP 0 to MP 1.0	Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.	N	N	L	L	N	N	Y	Y	G101-3, G201-2, G301-2, G401	Project deleted. Scope will be absorbed by awarded TIGER project (see KC14).

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
KAUAI : STATE - FHWA													
KS7.	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd, Phase IB	Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer \$18.4M of CON in FFY 2017 to STIP out years. Defer subsequent ADVCON funds in FFY 2018 to FFY 2020 to STIP out years. HDOT's focus is on preservation and safety projects. Interim congestion solutions will be pursued.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #5 document: <http://hidot.hawaii.gov/highways/files/2016/03/160218-15-18-R5.pdf>

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 #5
COUNTY OF KAUAI - FHWA											
KC4.	<p>Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)</p> <p>Phase A - Ninini Point to Ahukini</p> <p>Phase B - Ninini Point to Nawiliwili Beach Park</p>	<p>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 connectivity through urban areas.</p>	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	<p>Defer and inflate (by 2%) the following phases one year due to reprioritization to meet financial constraint: Phase A--DES from \$1.87M in FFY 2018 to \$1.907M in FFY 2019 and ROW from \$420K in FFY 2019 to \$428K in FFY 2020; Phase B--DES from \$1M in FFY 2018 to \$1.02M in FFY 2019 and \$19.6M in FFY 2020 to STIP out years.</p>



HONOLULU POLICE DEPARTMENT

OUTER BOUNDARY OF 2011/CUP-61 JT. DEV

OUTER BOUNDARY OF 2011/CUP-61 JT. DEV

OUTER BOUNDARY OF 2011/CUP-61 JT. DEV

ALAPA'I STREET

PROPERTY LINE

JTMC FOOTPRINT
25187 SF

LOT 4-A
TMK 2-1-042 013

LOT 5-A
TMK 2-1-042 014

LOT 8
TMK 2-1-042 002

OUTER BOUNDARY OF 2011/CUP-61 JT. DEV

LOT LINE

LOT LINE

KING STREET

VEHICLE 2
10184 SF
EXISTING ALAPA'I TRANSIT CENTER

VEHICLE 1
5045 SF

HPD
1869 SF

REMNANT OF HOTEL STREET
PARCEL R-1

PROPERTY LINE

OPEN
861 SF

VEHICLE SERVICE YARD
4636 SF

SERVICE YARD/
UTILITIES
4772 SF

OPEN
1666 SF

OPEN
2070 SF

EXISTING
PARKING
STRUCTURE

PARKING
34011 SF

KEALAMAKAI STREET

LOT 9

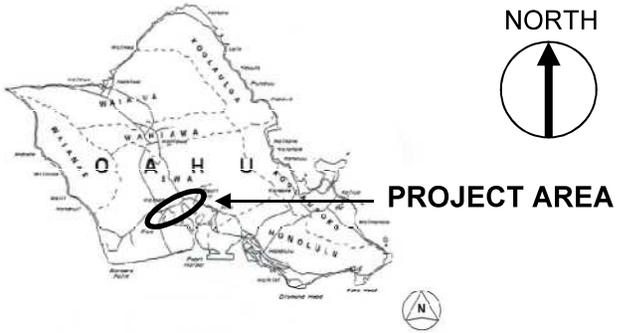
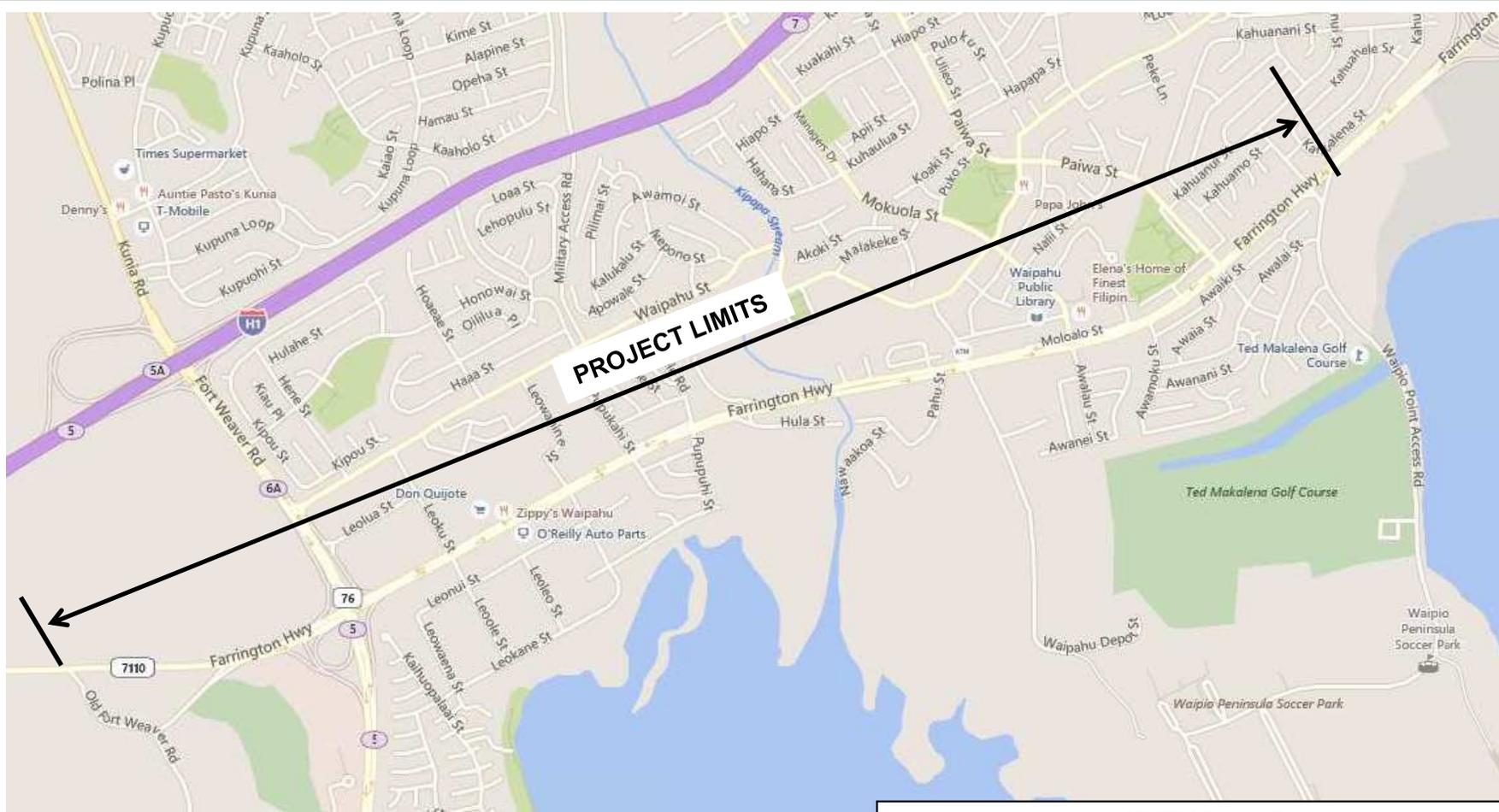
OUTER BOUNDARY OF 2011/CUP-61 JT. DEV

PROPERTY LINE

AREA

- ATC
- HPD
- JTMC FOOTPRINT
- OPEN
- OPEN SPACE
- PARKING
- SERVICE YARD/UT
- VEHICLE 1
- VEHICLE 2
- VEHICLE 3
- VEHICLE SERVICE
- TOTAL

OS57
Freeway Management System
Joint Traffic Management Center Operations (State)



LOCATION MAP
NOT TO SCALE

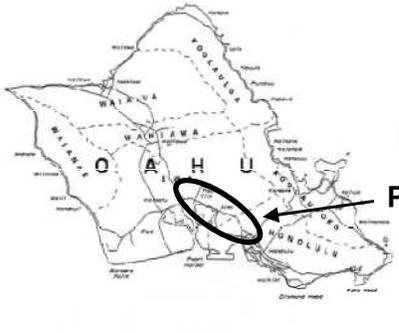
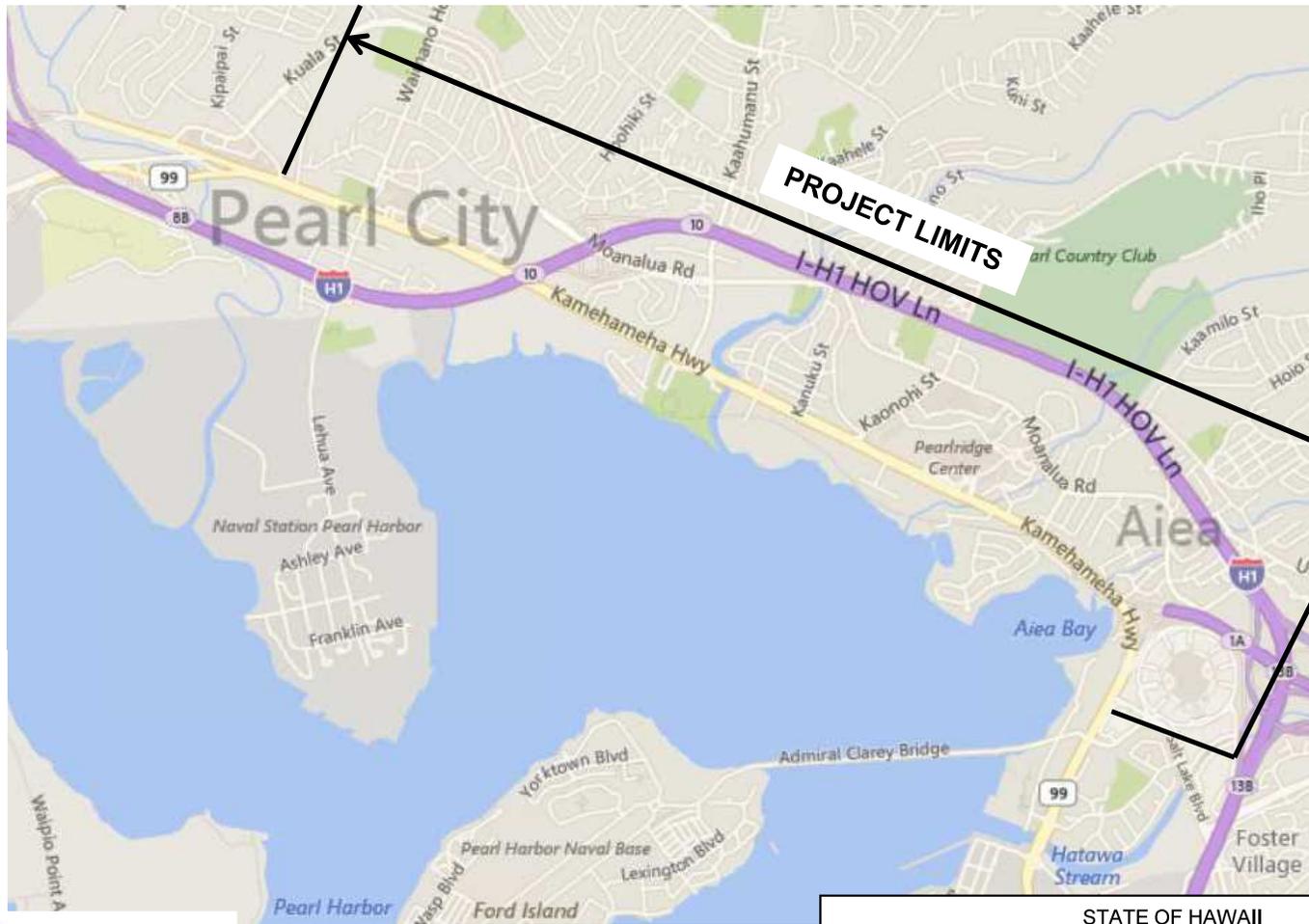
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC IMPROVEMENTS TO
HONOLULU RAIL TRANSIT PROJECT**

FARRINGTON HIGHWAY FROM
OLD FORT WEAVER ROAD TO WAIPAHU HIGH SCHOOL

DISTRICT OF HONOLULU
ISLAND OF OAHU

Map 1 of 2



VICINITY MAP



LOCATION MAP

NOT TO SCALE

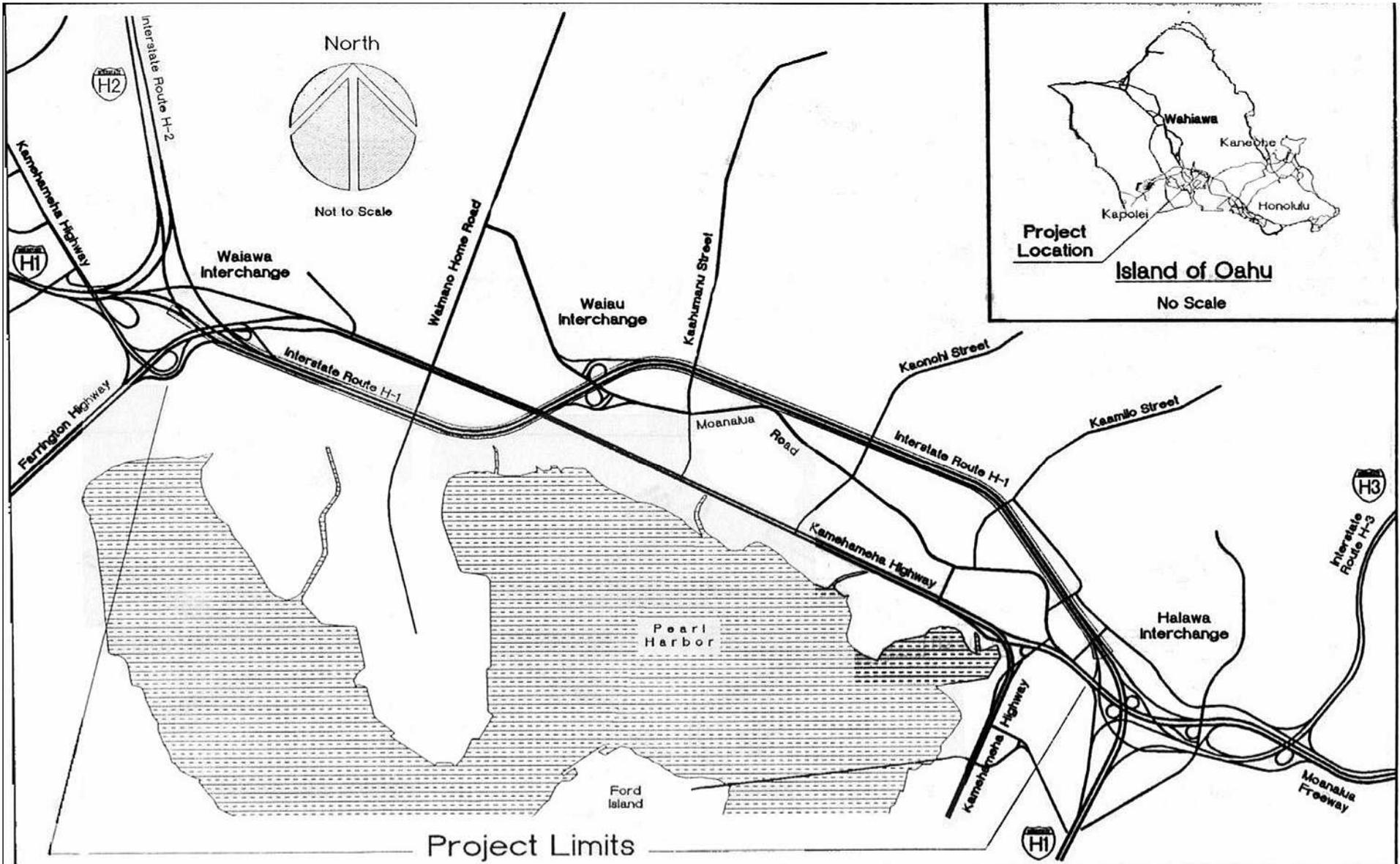
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**TRAFFIC IMPROVEMENTS TO
 HONOLULU RAIL TRANSIT PROJECT**

KAMEHAMEHA HIGHWAY FROM
 ACACIA ROAD TO ALOHA STADIUM

DISTRICT OF HONOLULU
 ISLAND OF OAHU

Map 2 of 2

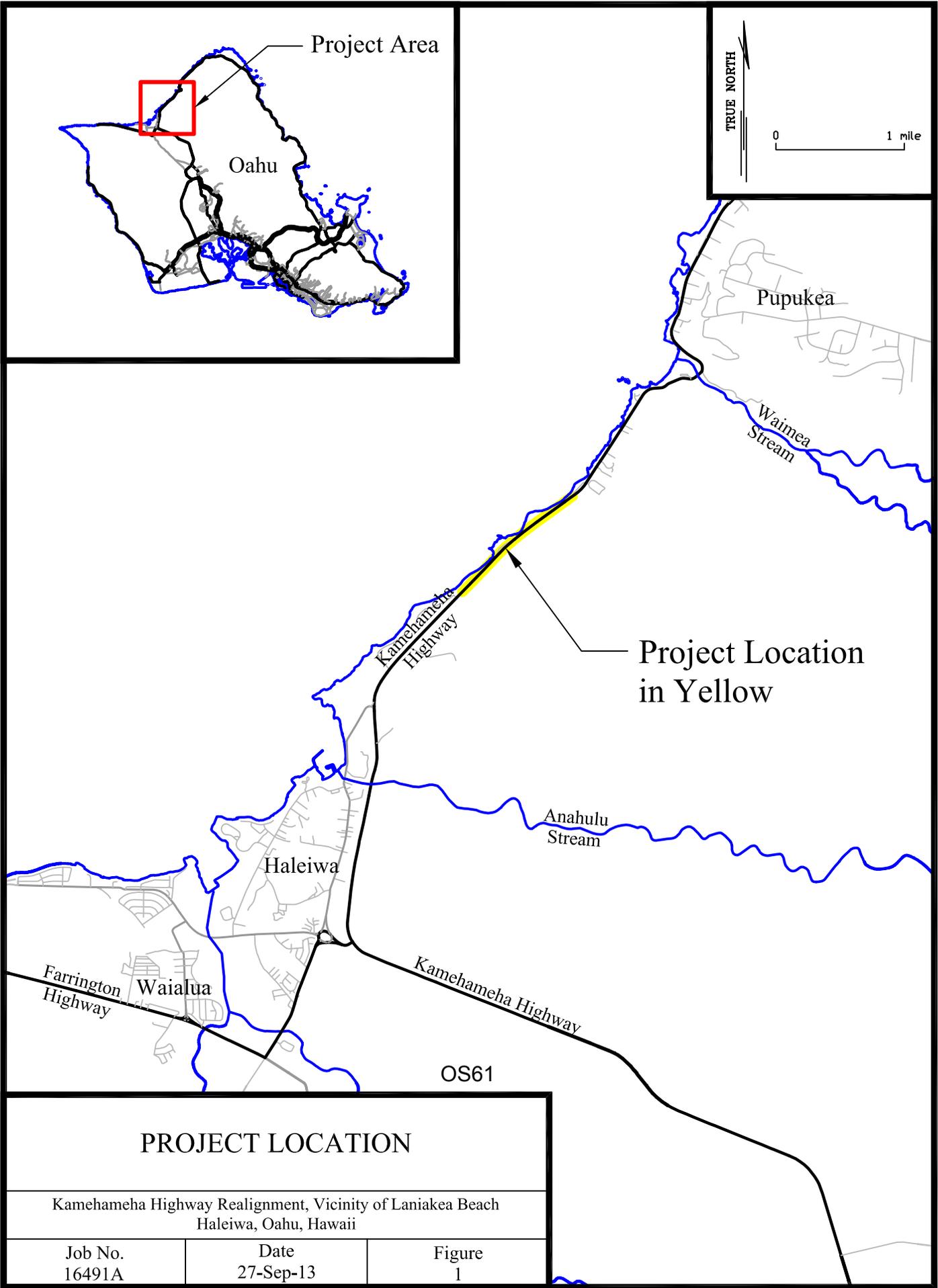


OS59

Interstate Route H-1 Widening
Waiawa Interchange to Halawa Interchange

Location Map

Not to Scale



PROJECT LOCATION

Kamehameha Highway Realignment, Vicinity of Laniakea Beach
 Haleiwa, Oahu, Hawaii

Job No.
 16491A

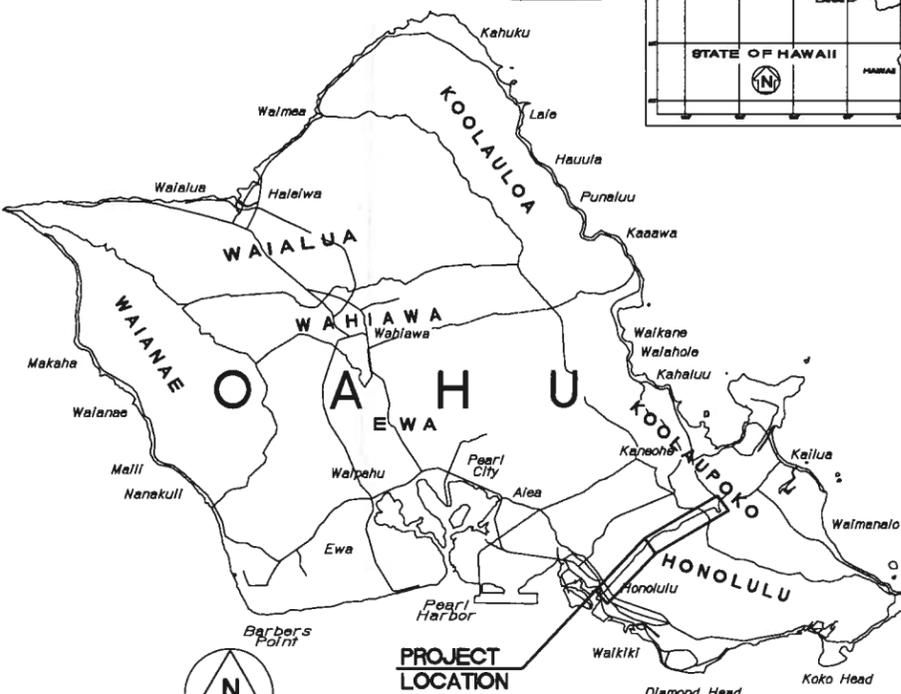
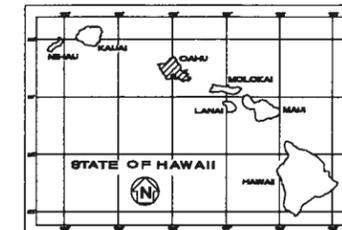
Date
 27-Sep-13

Figure
 1

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 HONOLULU, HAWAII
 PLANS FOR
PALI HIGHWAY IMPROVEMENTS
 VINEYARD BLVD. TO KAMEHAMEHA HIGHWAY

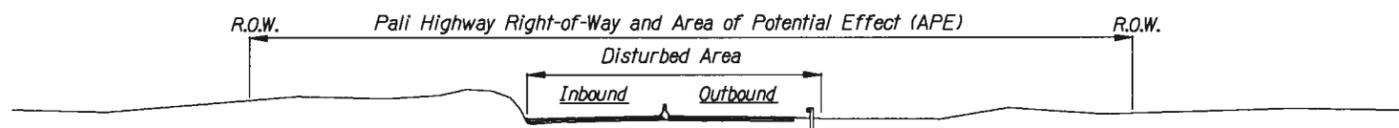
DISTRICTS OF HONOLULU AND KOOLAUPOKO
 ISLAND OF OAHU

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-061-01(35)	2013	1	X

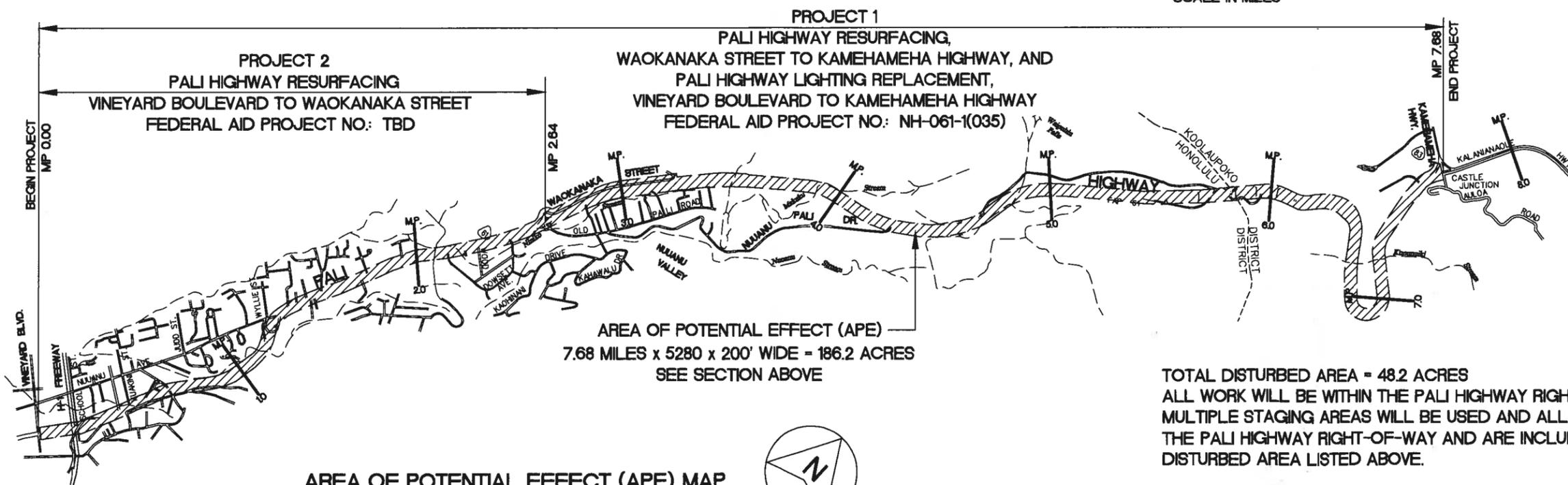


SCALE IN MILES

MILE POST 0.00 TO MILE POST 7.68, ROUTE 61



AREA OF POTENTIAL EFFECT (APE) SECTION
 SCALE: NONE



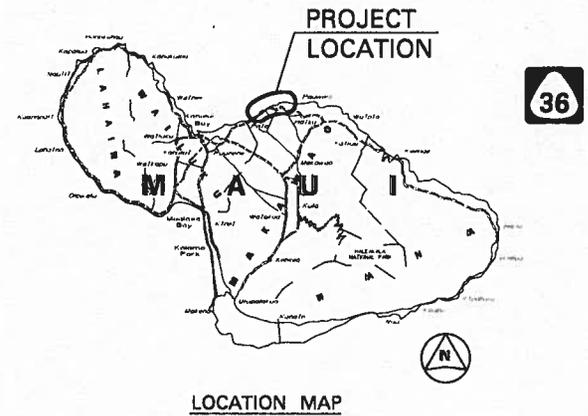
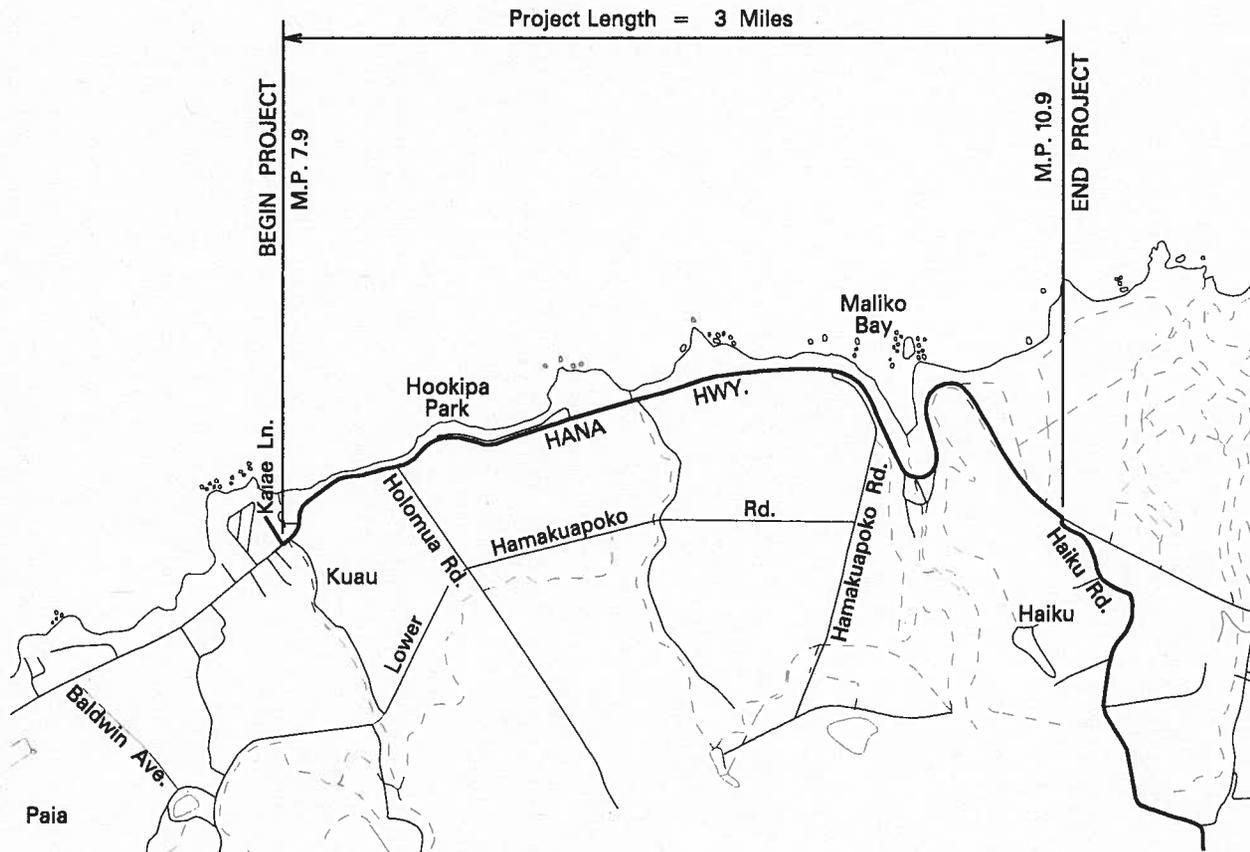
AREA OF POTENTIAL EFFECT (APE) MAP
 LENGTH OF PROJECT.....7.68 MILES



1,500' 0 1,500' 3,000'
 SCALE: 1" = 1,500'

TOTAL DISTURBED AREA = 48.2 ACRES
 ALL WORK WILL BE WITHIN THE PALI HIGHWAY RIGHT-OF-WAY.
 MULTIPLE STAGING AREAS WILL BE USED AND ALL WILL BE WITHIN
 THE PALI HIGHWAY RIGHT-OF-WAY AND ARE INCLUDED IN THE TOTAL
 DISTURBED AREA LISTED ABOVE.

DESIGNED BY
 WESLEY R. SEGAWA & ASSOC.
 MANAGED BY
 HWY-DS 692-7545
 PHONE 692-7545
 DATE FEB 2015



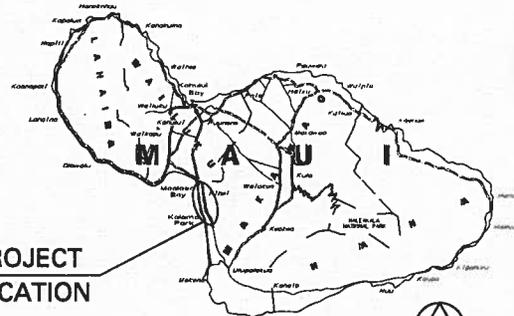
MS19

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

HANA HIGHWAY
SAFETY IMPROVEMENTS

Kaiae Ln. to the Vicinity of Haiku Rd.
M.P. 7.9 TO M.P. 10.9

ISLAND OF MAUI



PROJECT LOCATION

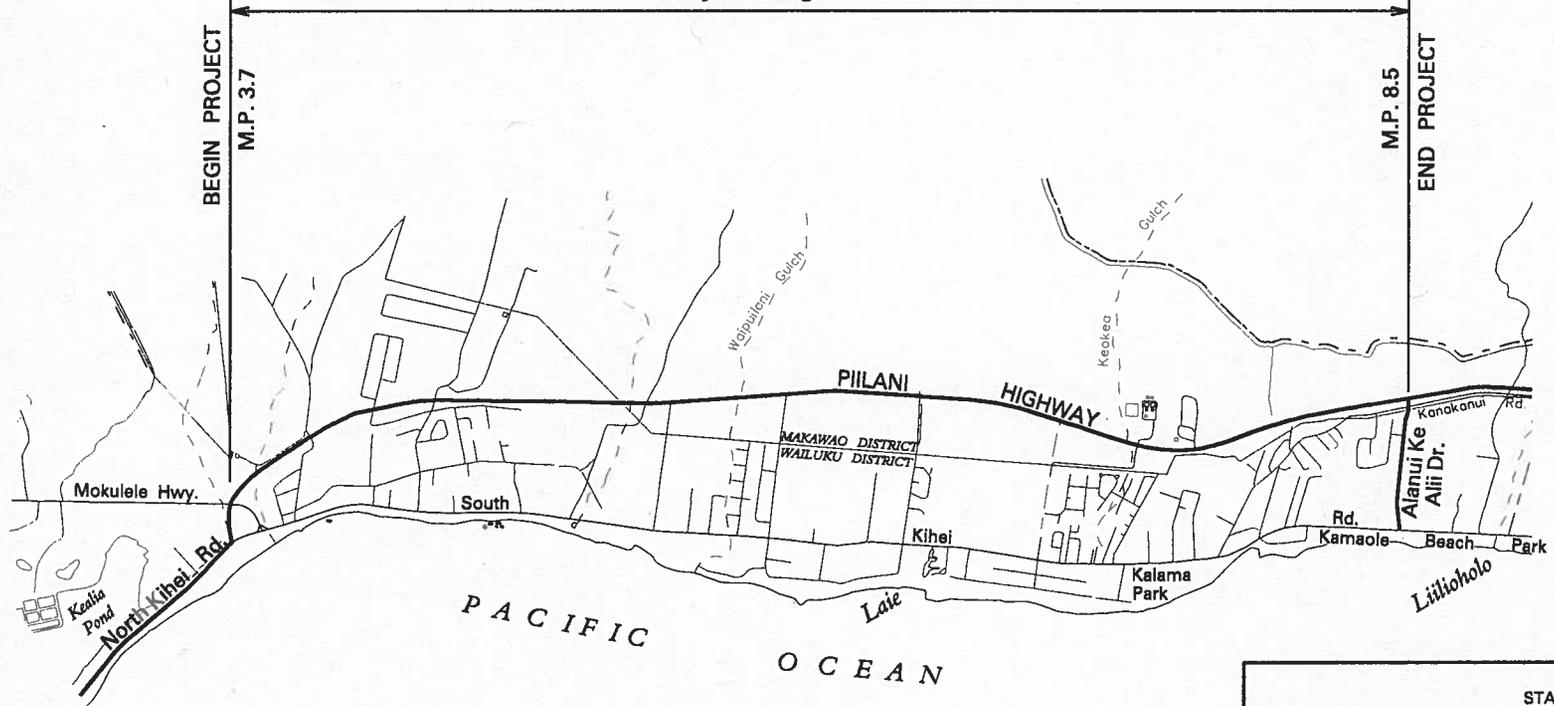
LOCATION MAP



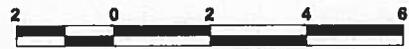
Project Length = 4.8 Miles

BEGIN PROJECT
M.P. 3.7

END PROJECT
M.P. 8.5



MS20



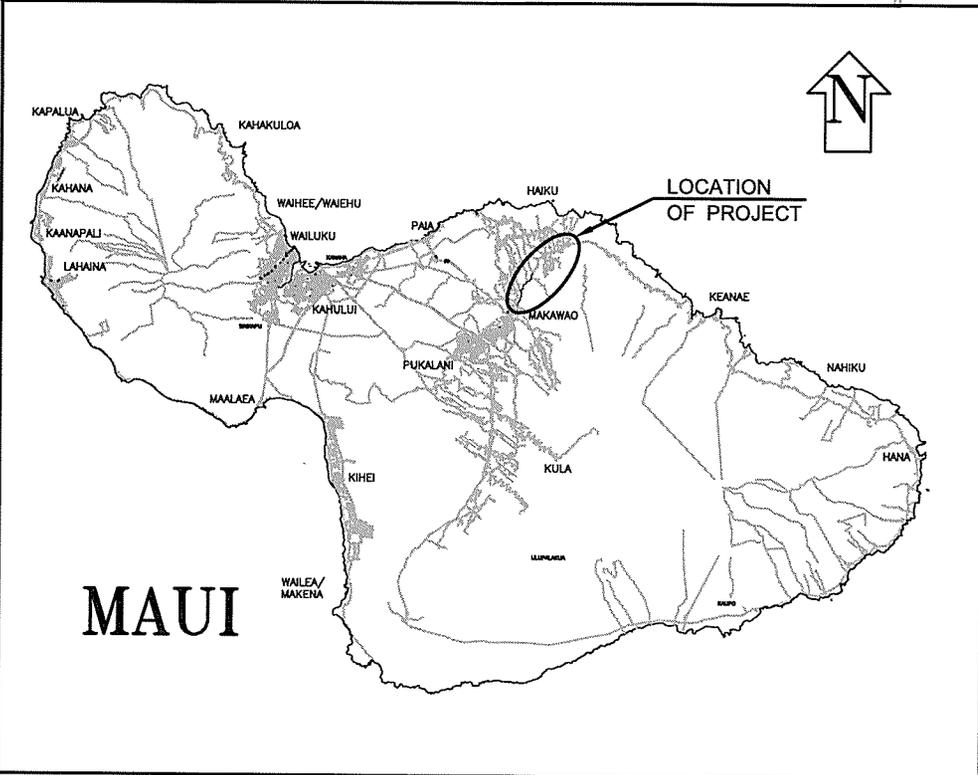
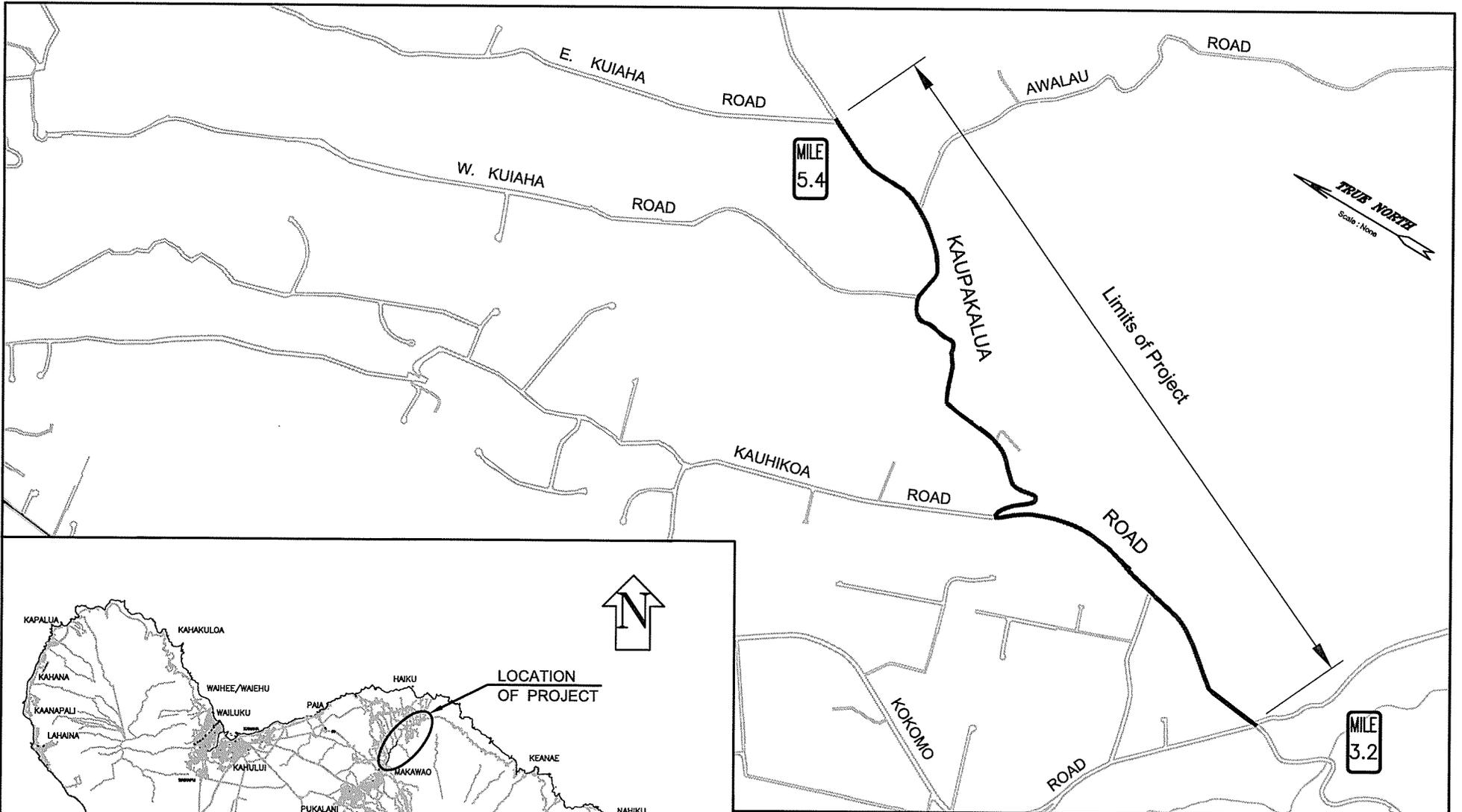
SCALE IN THOUSAND FEET

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PIILANI HIGHWAY
SAFETY IMPROVEMENTS

N. Kihei Rd. to the Vicinity of Alanui Ke Alii Dr.
M.P. 3.7 TO M.P. 8.5

ISLAND OF MAUI

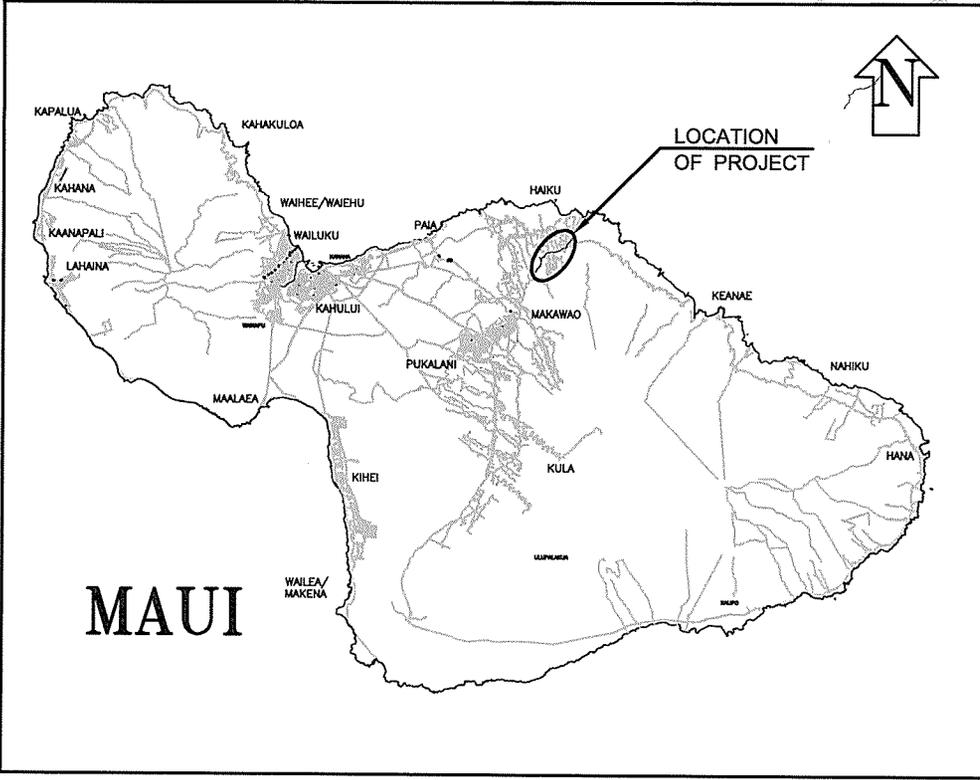
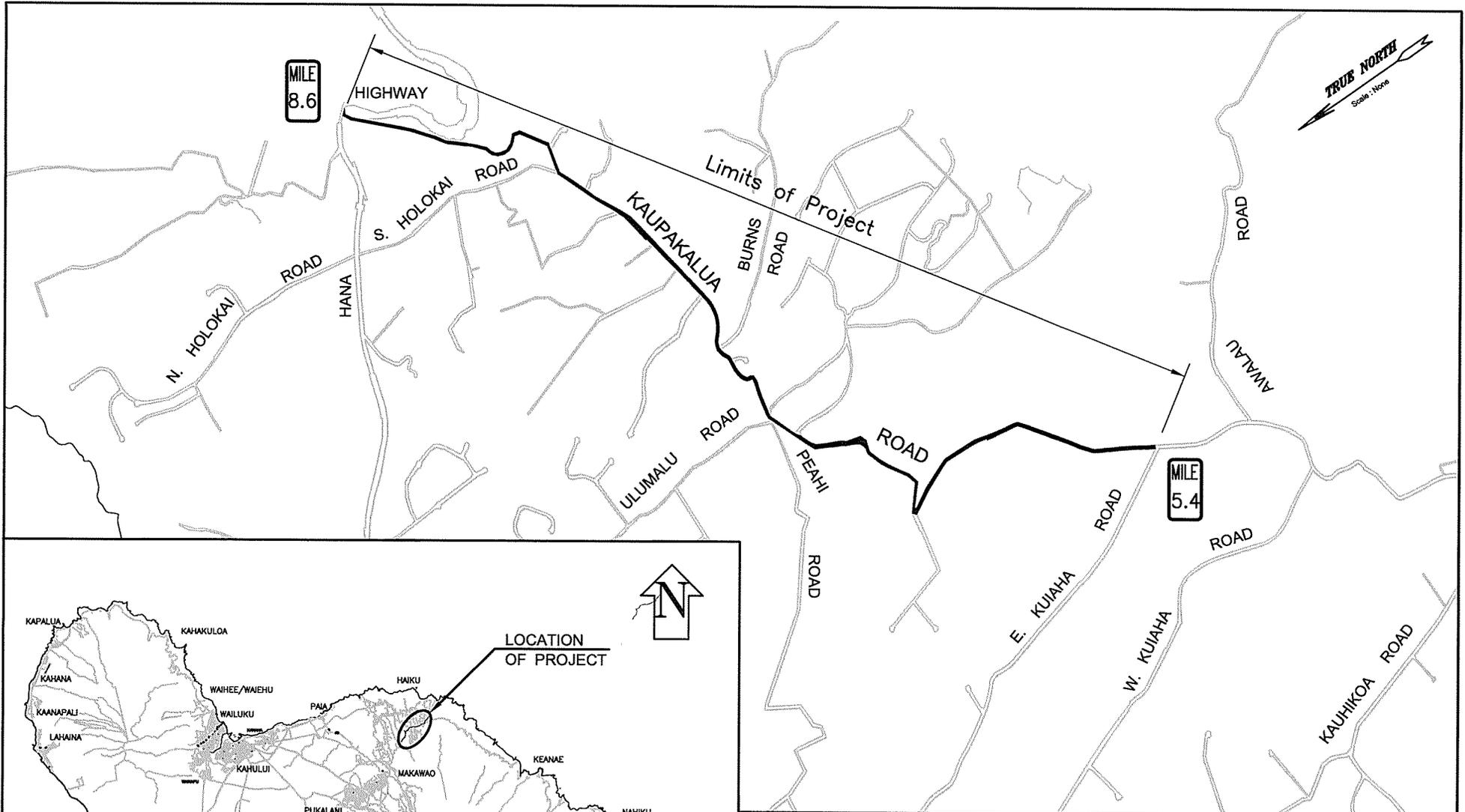


COUNTY OF MAUI
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION

MC41
 Phase 1

**KAUPAKALUA ROAD
 PAVEMENT RECONSTRUCTION**
 Kokomo Road to East Kuiaha Road

DISTRICT OF MAKAWAO
 ISLAND OF MAUI



MC41
Phase 2

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

**KAUPAKALUA ROAD
PAVEMENT RECONSTRUCTION**
East Kuiaha Road to Hana Highway

DISTRICT OF MAKAWAO
ISLAND OF MAUI