

**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
<b>MOBILITY AND ACCESSIBILITY</b>			
G1	Goal 1: Achieve an integrated multi-modal transportation system that provides mobility and accessibility for people and goods.	G101	<b>Objective 1:</b> 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. <u>Ensure provision of essential operations and facilities.</u>
		G102	<b>Objective 2:</b> To increase the efficiency of the transportation system operations. A. Enhance intermodal connectivity. B. Employ strategies to reduce transportation demand. C. <u>Enhance performance of the transportation system.</u>
		G103	<b>Objective 3:</b> 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. <u>Promote pedestrian and cyclists safety.</u>
		G104	<b>Objective 4:</b> To reduce congestion and delay. A. Increase capacity. B. Employ strategies to reduce transportation demand.
<b>SAFETY AND SECURITY</b>			
G2	Goal 2: Ensure the safety and security of transportation systems.	G201	<b>Objective 1:</b> To enhance the safety of the transportation system. A. Promote safe facilities and infrastructure. B. <u>Promote the safe use of the transportation systems.</u>
		G202	<b>Objective 2:</b> 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.
<b>ENVIRONMENT AND QUALITY OF LIFE</b>			
G3	Goal 3: Protect and enhance the environment and improve the quality of life.	G301	<b>Objective 1:</b> 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. <u>Support environmentally responsible programs and activities.</u>
		G302	<b>Objective 2:</b> 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. <u>Minimize disruption of existing neighborhoods due to transportation.</u>
<b>ECONOMIC DEVELOPMENT</b>			
G4	Goal 4: Support Hawaii's economic vitality.	G401	<b>Objective 1:</b> 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	<b>Objective 2:</b> To provide a transportation system that balances the need for economic development with quality of life issues. A. Make transportation investments that reflect each island's scale and foster the quality of life of the people who live there. B. <u>Target transportation investments in coordination with community involvement.</u>
<b>INTEGRATED STATEWIDE PLANNING, PROGRAMMING, AND DECISION-MAKING</b>			
G5	Goal 5: Achieve a Statewide Planning Process that is comprehensive, cooperative, and continuing.	G501	<b>Objective 1:</b> 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. <u>Integrate approved policies, programs, and plans from all levels of government.</u>
		G502	<b>Objective 2:</b> 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	<b>Objective 3:</b> To develop and maintain a transportation financial structure that provides adequate and dependable resources. A. Optimize all possible financial resources. B. <u>Develop an ongoing comprehensive financial program.</u>

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<b>SYSTEM PRESERVATION PROJECTS</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
<b>STATEWIDE - FHWA</b>												
S4.	Highway Research and Development Program	Supplement the Statewide Planning and Research Program.	N	N	L	H	N	N	Y	N	G101-2, G104, G201-2, G501	Increase supplement estimate in FFY 2016 from \$850K to \$1.6M for environmental planning work.

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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 #3 (2/18/16)
STATEWIDE - FHWA												
S24.	Highway Safety Improvement Program (HSIP), Infrastructure Funding Program	Implement infrastructure scope of HSIP that would include various eligible safety improvement countermeasures. Safety Improvement countermeasures, can include, but is not limited to: installation of traffic signals, centerline and shoulder rumble strips, high friction surface treatment, advance warning devices, backplates with retroreflective borders, additional or new signing and pavement markings, roundabouts, channelization, improving roadway illumination, removing obstacles, improving drainage, guardrails, shoulder widening, providing proper superelevation, left turn storage lanes, right turn acceleration lanes, safety edge, etc.	Y	N	L	N/A	N	N	Y	N	G103, G201-2, G501	Reduce CON in FFY 2018 from \$2M to \$740K to reflect additional HSIP projects programmed on Maui (see MS19 & MS20).
S9.	Safe Routes to School (SR2S) Program	Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.	N	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G402, G501-2	Delete \$1.1M of PLN/DES/CON funds for infrastructure projects in FFY 2015 since they weren't ready for obligation.
S11.	Statewide Highway Lighting and Traffic Signal Upgrade Program	System maintenance of highway lighting and traffic signals.	N	N	L	M	N	N	Y	N	G201	Update and federalize FFY 2018 estimate from \$5M to \$6M.

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<b>MODERNIZATION PROJECTS</b>		<b>Project Description</b>	<b>Congestion Management System</b> Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	<b>Highway Safety Improvement Program</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Traffic Signal Warrants</b> Traffic signal project meets the criteria in the Traffic Signal Warrants	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
<b>STATEWIDE - FHWA</b>													
S16.	Traffic Counting Stations, Various Locations	Construction of statewide traffic counting stations for traffic data gathering and planning purposes.	N	N	L	M	N	N	N	Y	N	G101-2, G301, G501	Project will be split into 2 phases. One Oahu phase (in the TIP--see OS63) and this separate Hawaii/Maui phase. Project will also be deferred and inflated from \$3.7M in FFY 2016 to \$1.5M in FFY 2018 for Hawaii/Maui phase (S16) and \$2.5M in FFY 2017 for the Oahu phase (OS63). DES contract execution will be too late to complete PS&E before the end of FFY2016.

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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 <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	Project Stage <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> 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 #3 (2/18/16)
STATEWIDE - FHWA											
S1.	Bikeway Improvements at Various Locations, Statewide	Implementation of State bike projects identified on Bike Plans.	N	L	L	N	N	Y	Y	G101-4, G201-2, G301-2, G401-2, G501-2	Defer and inflate ROW from \$51K in FFY 2015 to \$55K in FFY 2018 since it wasn't needed in FFY 2015. Defer and inflate CON from \$2M in FFY 2016 to \$2.1M in FFY 2018 since the project is in the planning phase and will not be ready for construction in FFY 2016. Defer \$300K of DES from FFY 2017 to FFY 2019 for the next project(s).
S10.	SNIPP - Statewide Noxious Invasive Pest Program	Operation of the Statewide Noxious Invasive Pest Program.	N	L	M	N	N	Y	N	G101, G301, G501	Defer program 1 year since the funds were not needed and update funding amounts--\$2.13M in FFY 2016 and \$3.03M in FFY 2017. Add \$3.1M in FFY 2019 and \$820K in FFY 2020 to show future funding levels.

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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 #3 (TIP Revision #7) (2/18/16)
OAHU : STATE - FHWA																		
OS16.	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Middle Street, Phase 1 - MP 12.83 to 16.00	Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.	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 (by 2%) CON from \$7.3M in FFY 2017 to \$7.446M in FFY 2018 because there is no design contract executed yet. Also, delete \$5M of ADVCON in FFY 2018 with the intentions to fully fund this project in FFY 2018.
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 (by 2%) ROW from \$650K in FFY 2017 to \$663K in FFY 2018 since Right of Entry is needed to do an Archaeological Inventory Study.
OS33.	Kamehameha Highway (Route 99), Bridge Replacement, Upper Poamoho Stream Bridge	Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.	H	N/A	N/A	N/A	M	M	N	N	N	N/A	Y	Y	Y	Proj.42	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) PREROW from \$106K in FFY 2016 to \$110K in FFY 2018; ROW from \$1.148M in FFY 2017 to \$1.148M (earmark doesn't require an inflation) in FFY 2018; CON from \$18.36M in FFY 2019 to out years; \$9M of ADVCON reimbursement from FFY 2020 to out years. A design contract has not yet been executed.
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	Delete \$20K of PREROW in FFY 2015 since it was previously obligated. Defer and inflate (by 2%) CON from \$9.078M in FFY 2017 to \$9.26M in FFY 2018 since ROW acquisition is projected to be complete in April 2018.

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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 #3 (TIP Revision #7) (2/18/16)
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 (by 2%) CON from \$6.12M In FFY 2016 to \$6.242M in FFY 2017 since there is no design contract executed yet.
OS46.	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass (MP 0 to MP 0.73)	Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).	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 (by 2%) CON from \$2.435M In FFY 2016 to \$2.533M in FFY 2018 since there is no design contract executed yet.
<b>CITY &amp; COUNTY OF HONOLULU - FTA</b>																		
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	Request to group with OC14.

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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 #3 (TIP Revision #7) (2/18/16)
OAHU : STATE - FHWA																	
OS10.	Guardrail and Shoulder Improvements, Various Locations	Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.9	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) Phase 1 CON from \$2.185M in FFY 2015 to \$2.228M in FFY 2016 since the Section 106 process is still ongoing. Defer and inflate (by 2%) DES from \$255K in FFY 2016 to \$260K in FFY 2017 and CON from \$3.06M in FFY 2017 to \$3.121M in FFY 2018 because the scope of work is being determined. Increase Estimated Total Project Cost by \$3,400,000.
OS14.	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.	H	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.9	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) CON from \$6.37M in FFY 2016 to \$6.497M in FFY 2017 since the design and environmental permitting process is ongoing. Defer and adjust ADVCON from \$4.5M in FFY 2017 to \$1.5M in FFY 2018
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	Defer and inflate (by 2%) CON from \$1.6M in FFY 2015 to \$1.632M in FFY 2016 since design is ongoing.
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	Defer and inflate (by 2%) CON from \$6.12M In FFY 2016 to \$6.242M in FFY 2017 since more time is needed to get MASH (Manual for Assessing Safety Hardware) Implementation Plan in place.

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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 #3 (TIP Revision #7) (2/18/16)
OAHU : STATE - FHWA																			
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	Add additional AC Conversion to FFY 2016, due to higher actual costs.  Defer and inflate (by 2%) DES from \$2.04M in FFY 2016 to \$2.08M in FFY 2017 since a consultant hasn't been selected yet.
OS56.	Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp, Lusitana Street Connection	Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.	N/A	L	N/A	M	H	M	Y	N	Y	N	N/A	Y	Y	Y	Proj. 9	G101-2, G104, G201, G302, G401	Defer and inflate (by 2%) project from FFY 2015 to FFY 2016 since there was a delay in obtaining a utility agreement (federal portion does not get inflated for discretionary funds).

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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 #3 (TIP Revision #7) (2/18/16)
CITY & COUNTY OF HONOLULU - FHWA																		
OC7.	Makakilo Drive (Route 8810) Extension	Construct an extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.	N/A	N/A	H	M	L	M	Y	N	N	N/A	Y	Y	Y	Proj.35	G101-4, G201-2, G302, G401, G502	In FFY 2017: Request to add \$3 million local funding for DES and defer CON to FFY 2020.

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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 #3 (TIP Revision #7) (2/18/16)
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 2015, request to increase OPR federal share, under §5310 (2013), by \$1,000. In FFY 2016, request to decrease OPR from \$344,000 to \$209,000 under §5307 (2015). Request to add \$722,000 in OPR under §5310 (2014)
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 2015, request to revise OPR under 5307 (2014). In FFY 2016, request to revise OPR under 5307 (2015).
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 2015, request to adjust OPR under 5307 (2014) and 5310 (2013). In FFY 2016 request to delete OPR under 5307 (2015) and add OPR under 5310 (2014).

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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 #3 (TIP Revision #7) (2/18/16)
CITY & COUNTY OF HONOLULU - FTA																
OC14.	Bus Stop ADA Access and Site Improvements	To modify bus stops and bring them into compliance with the Americans With Disabilities Act (ADA).	Y	Y	Y	Y	Y	Y	N	N/A	Y	Y	Y	Proj.37	G101-4, G201-2, G301-2, G401	Request to revise funding and project title to reflect the incorporation of three previously individual projects (OC14, OC15, and OC22) because these projects are similar in scope and purpose.
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	Request to group with OC14.
OC18.	Middle Street Intermodal Center	Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.	Y	Y	N/A	Y	N	Y	Y	N/A	Y	Y	Y	Proj.38	G101-4, G201-2, G301-2, G401, G501	Request to delete DES in 2016 and 2017. Request to delete CON and EQP in 2017 and 2018. Request to defer and inflate PLN from FFY 2016 to FFY 2017.
OC21.	Transit Safety and Security Projects	Capital projects at various transit locations to improve safety and security	Y	Y	N/A	Y	N	Y	Y	N/A	Y	Y	Y	Proj.40	G101-4, G201-2, G301-2, G401	Request to revise costs to reflect actual costs.

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SYSTEM PRESERVATION PROJECTS												
Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		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 #3 (2/18/16)
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	Advance \$6.6M of CON from FFY 2020 to FFY 2019, per Central Federal Lands (CFL) agreement.
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	Advance \$10M of CON from STIP out years to FFY 2019 (add CON phase), per Central Federal Lands (CFL) agreement.
COUNTY OF HAWAII - FHWA												
HC1.	Alii Drive (Route 186) Culvert Replacement	Replace existing culvert with a new concrete bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) CON from \$10.4M in FFY 2016 to \$10.6M in FFY 2017. Defer and redistribute ADVCON from \$8.32M in FFY 2017 to \$6.216M in FFY 2018. The NEPA process needs to be restarted due to change in purpose and need.

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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 #3 (2/18/16)
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)												
HAWAII : STATE - FHWA												
HS5.	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including permanent mesh system on both sides of the roadway.	N	Y	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and split ROW from \$1.3M in FFY 2015 to \$1.25M in FFY 2016 for ROW and \$50K of PREROW in FFY 2015 (add PREROW phase). Environmental Clearance was not complete in 2015. Right of way acquisition cannot occur without completing environmental clearance.
HS6.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Update Estimated Total Project Cost.
HS10.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.	N	Y	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Update Estimated Total Project Cost.
COUNTY OF HAWAII - FHWA												
HC7.	Waianuenue Avenue (Route 2720) Improvments, Rainbow Drive to Akolea Road	Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Change project criteria from enhancement to safety. Defer and inflate (by 2%) CON from \$12.4M in FFY 2017 to \$12.65M in FFY 2018. Defer and increase ADVCON from \$5M in FFY 2018 to \$6.192M in FFY 2019 to spread out funding. Design contract has not been executed yet.

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CONGESTION MITIGATION PROJECTS		Project Description	<b>Congestion Management System</b> Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	<b>Highway Safety Improvement Program</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Traffic Signal Warrants</b> Traffic signal project meets the criteria in the Traffic Signal Warrants	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	2015-2018 STIP Revision #3 (2/18/16)
COUNTY OF HAWAII - FHWA													
HC4.	Kawailani Street (Route 2760) Improvements, Vicinity of Kanoelani Street to Vicinity of Kuhilani Street, Phase 2B	Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.	N	N	L	M	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate (by 2%) CON from \$17.5M in FFY 2015 to \$17.85M in FFY 2016 since utility issues have delayed this project from being obligated. Add Advance Construction reimbursement (ADVCON) to spread funding out.

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MODERNIZATION PROJECTS													
Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects		Project Description	<b>Congestion Management System</b> Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	<b>Highway Safety Improvement Program</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Traffic Signal Warrants</b> Traffic signal project meets the criteria in the Traffic Signal Warrants	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	2015-2018 STIP Revision #3 (2/18/16)
<b>HAWAII : STATE - FHWA</b>													
HS23.	Daniel K. Inouye Highway Extension	New roadway and/or realignment and extending Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate (by 2%) DES from \$250K in FFY 2015 to \$255K in FFY 2016. Defer and inflate (by 2%) PREROW from \$250K in FFY 2015 to \$255K in FFY 2016. This reflects the current project schedule.
HS15.	Keaau-Paho Road (Route 130) Shoulder Lane Conversion, Phase 2: Shower Drive Intersection Improvements	Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.	Y	Y	L	M	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Increase CON funded with STP Flexible funds from \$1.66M to \$3.692M in FFY 2016 due to recent bid tabs for projects in the area.
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 (by 2%) PREROW from \$52K in FFY 2016 to \$54K in FFY 2018 to reflect the updated project schedule.
<b>COUNTY OF HAWAII - FHWA</b>													
HC5.	Kuakini Highway (Route 1100) Widening, Phase II, Hualalai Road (Route 188) to Proposed Alii Highway (Route 1110)	Widening of a 1.1 mile section of Kuakini Hwy from Hualalai Road and the proposed Alii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate (by 2%) DES from \$1.5M in FFY 2016 to \$1.53M in FFY 2017. Defer and inflate (by 2%) CON from \$16.08M from FFY 2018 to \$17.310M in FFY 2019. Defer \$9.92M of ADVCON from FFY 2019 to FFY 2020. The environmental phase will not be done until 2017.
HC6.	Mamalahoa Highway (Route 19) Widening (Mudlane to Mana Road)	To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.	Y	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Defer and inflate (by 2%) CON from \$8M in FFY 2016 to \$8.16M in FFY 2017 since design has just started.

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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 <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	Project Stage <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> 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 #3 (2/18/16)
	COUNTY OF HAWAII - FHWA										
HC7.	Waianuenue Avenue (Route 2720) Improvements, Rainbow Drive to Akolea Road	Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Change project criteria from enhancement to safety. Defer and inflate CON from \$12.4M in FFY 2017 to \$12.65M in FFY 2018. Defer and increase ADVCON from \$5M in FFY 2018 to \$6.192M in FFY 2019 to spread out funding. Design contract has not been executed yet.

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<b>SYSTEM PRESERVATION PROJECTS</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
<b>MAUI : STATE - FHWA</b>												
MS1.	Bridge and Pavement Improvement Program, Maui	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	Federalize one (1) SMP project--Kuihelani Highway Resurfacing, Honoapiilani Highway to Puunene Avenue (\$11.3M total) in FFY 2015.
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement, Honolulu Bridge	Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolulu Bay.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) ROW from \$841K in FFY 2016 to \$858K in FFY 2017 since design is still ongoing and ROW cannot be obligated in FFY 2016.
MS8.	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	Shoreline protection for approximately 1000 feet of Highway on the west side of Hekili Point.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Delete \$250K of ROW in FFY 2015 since it was already funded in a previous year with all local funds.
MS9.	Kahului Beach Road (Route 3400), Shoreline Protection, Kahului Bay (#1)	Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate (by 2%) ROW from \$235K in FFY 2016 to \$240K in FFY 2017 since an Archaeological Inventory Study (AIS) is still ongoing.
<b>COUNTY OF MAUI - FHWA</b>												
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	Reduce CON in FFY 2016 from \$12.765M to \$6.7M due to bids received in Phase 1.
MC3.	Bridge Inspection and Appraisal	Inspection of county-maintained bridges as required by FHWA.	Y	N	L	M	N	Y	Y	N	G101-2, G201-2	Update PLN cost estimates in FFY 2015 from \$300K to \$427K and in FFY 2017 from \$300K to \$400K.

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<b>SYSTEM PRESERVATION PROJECTS</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
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 (by 2%) \$5.51M in FFY 2018 to \$5.62M in FFY 2019 due to reprioritization in order to meet financial constraint.
MC12.	Kanaloa Avenue (Route 3420, MP 0-MP 0.9), Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)	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	Update Estimated Total Project Cost.
MC16	Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, Kualau Street to Honoapiilani Highway (Route 30)	The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, 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 inflate (by 2%) CON from \$2.1M in FFY 2015 to \$2.15M in FFY 2016 since the project was not obligated in FFY 2015. Scope was added to address sink hole and drainlines. Resubmitting Section 106 necessary.
MC17.	Kulanihako'i 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 (by 2%) CON from \$4.16M in FFY 2017 to \$4.243M in FFY 2018 due to reprioritization to meet 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	Update Estimated Total Project Cost.

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<b>SYSTEM PRESERVATION PROJECTS</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
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	Update Estimated Total Project Cost.
MC31.	Pavement Rehabilitation, Various Roads, South Maui: Kulanihako 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	Increase CON in FFY 2017 from \$6.12M to \$7.3M due to recent bids.

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SAFETY PROJECTS		Project Description	<b>Highway Safety Improvement Program</b> <b>Yes:</b> Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program <b>No:</b> Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	<b>Rockfall Protection Study</b> <b>Yes:</b> Project identified through DOT's Rockfall Protection Study <b>No:</b> Project did not result from DOT's Rockfall Protection Study	<b>Cost Participation</b> <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
MAUI : STATE - FHWA												
MS2.	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 2-- <b>Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue</b>	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Add project location for Phase 2-- <b>Kuihelani Highway Guardrail and Shoulder Improvements, Honoapiilani Highway to Puunene Avenue.</b>

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<b>MODERNIZATION PROJECTS</b>		<b>Project Description</b>	<b>Congestion Management System</b> Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	<b>Highway Safety Improvement Program</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e., private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Traffic Signal Warrants</b> Traffic signal project meets the criteria in the Traffic Signal Warrants	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
	<b>MAUI : STATE - FHWA</b>												
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	Take out federal aid (\$80K) for ROW activities in FFY 2017.
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 could be included where feasible.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate (by 2%) ROW from \$155K in FFY 2016 to \$158K in FFY 2017 since the Section 106 process is ongoing.

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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 <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	Project Stage <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> 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 #3 (2/18/16)
	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 CON estimate in FFY 2015 from \$2.9M to \$3.59M due to address unforeseen drainage issue.

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<b>SYSTEM PRESERVATION</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
<b>KAUAI : STATE - FHWA</b>												
KS1.	Bridge and Pavement Improvement Program, Kauai	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	Federalize one (1) SMP project--Kuhio Highway Resurfacing, South Koolau Rd to Kapuna Rd, MP 16.8 to MP 18.05 (\$3.75M total) in FFY 2015.
KS5.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Hanapepe Bridge  Phase 1 - Detour Road Phase 2 - Bridge Work	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	Split original \$27M of CON in FFY 2020 as two phases--Phase 1 for Detour Road (\$2M in FFY 2016) and Phase 2 for Bridge Work (\$25M in FFY 2019). CON was advanced from FFY 2020 to FFY 2019 per CFL agreement.
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 (by 2%) CON from \$7.65M in FFY 2018 to \$7.8M in FFY 2019 due to new project delivery schedule. Delete \$5M of ADVCON in FFY 2019.
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 (by 2%) CON from \$10.925M in FFY 2017 to \$11.15M in FFY 2018 since design in not expected to be complete until early February 2018.

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<b>SYSTEM PRESERVATION</b>		<b>Project Description</b>	<b>Bridge Assessment and Replacement Programs</b> 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	<b>Pavement Management Programs</b> 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	<b>Cost Participation</b> High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
KS15.	Kuhio Highway (Route 560), Bridge Rehabilitation, Wainiha Stream Bridges #1, #2 & #3  Phase 1 - Detour Road Phase 2 - Bridge Work	Repiar/rehabilitate existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Add CON as two phases--Phase 1 for Detour Road (\$1M in FFY 2016) and Phase 2 for Bridge Work (\$20M in FFY 2019). CON was advanced from STIP out years to FFY 2019 per CFL agreement.
KS9.	Kuhio Highway (Route 560), Bridge Rehabilitation, Waioli, Waipa, and Waikoko Stream Bridges  Phase 1 - Detour Road Phase 2 - Bridge Work	Rehabilitate existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate (by 2%) ROW from \$595K in FFY 2016 to \$607K in FFY 2017. Add CON for Phase 1 for Detour Road with \$1M in FFY 2016.
KS14.	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.	N	N	L	H	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate (by 2%) CON from \$12.5M in FFY 2016 to \$13M in FFY 2018, and defer ADVCON from \$1M in FFY 2017 to \$7.4M in FFY 2019 since ROW issues are pending.
<b>COUNTY OF KAUAI - FHWA</b>												
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 (by 2%) CON from \$3.06M in FFY 2017 to \$3.5M in FFY 2018 due to reprioritization to meet financial constraint.
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	Increase CON estimate in FFY 2016 from \$3.06M to \$3.185M to reflect current estimate through project development.

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SAFETY PROJECTS		Project Description	<b>Highway Safety Improvement Program</b> <b>Yes:</b> Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program <b>No:</b> Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	<b>Rockfall Protection Study</b> <b>Yes:</b> Project identified through DOT's Rockfall Protection Study <b>No:</b> Project did not result from DOT's Rockfall Protection Study	<b>Cost Participation</b> <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	<b>Project Stage</b> <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> The project has not yet begun	<b>Gap Closure?</b> Does this project close a gap or connect missing links in a route?	<b>Mandated?</b> Required by federal, state, or municipal laws, regulations or codes?	<b>Addresses at least one MAP-21 Planning Factor?</b>	<b>Listed in Regional Transportation Plans</b>	<b>HSTP Goals and Objectives Code</b>	<b>2015-2018 STIP Revision #3 (2/18/16)</b>
	KAUAI : STATE - FHWA											
KS11.	Kuhio Highway (Route 56), Maillihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation  Phase 1 - Detour Road Phase 2 - Bridge Work	Safety improvements at Maillihuna 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	Split original \$10.6M of CON in FFY 2019 as two phases-- Phase 1 for Detour Road (\$1M in FFY 2016) and Phase 2 for Bridge Work (\$9.6M in FFY 2019).

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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 <b>High:</b> Private industry funding has been secured <b>Med:</b> Private industry funding is anticipated <b>Low:</b> Does not include other financial involvement (i.e. private industry)	Project Stage <b>High:</b> Planning or Design has already been completed <b>Med:</b> Planning or Design is almost complete <b>Low:</b> 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 #3 (2/18/16)
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)  Phase A-1 - Kawaihau Elevated Boardwalk, Papaloa Road to Uhelekawawa Canale Phases 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	Defer and inflate (by 2%) CON from \$2.25M in FFY 2015 to \$2.295M in FFY 2016 for Phase A-1 and \$1.53M in FFY 2016 to \$1.56M in FFY 2017 for Phases C & D due to pending redesign and DCAB clearance.
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 (by 2%) DES from \$1.1M in FFY 2016 to \$1.122M in FFY 2017 due to financial constraint and an Archaeological Inventory Survey (AIS) may be needed.
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	Increase CON in FFY 2018 from \$4.59M to \$7.588M to reflect updated estimate through project development.