

**DEPARTMENT OF TRANSPORTATION
HAWAII STATE TRANSPORTATION PLAN**

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

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

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
STATEWIDE - FHWA												
S2.	Bridge Inspection and Appraisal	Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.	N	N	L	H	N	Y	Y	N	G101-2, G201-2	Add ADVCON in FFY 2018 and FFY 2019 to adjust for fiscal constraint.
S27.	Environmental Guideline Development	Develop Guide to standardize and institutionalize environmental clearance procedures.	N	N	L	N/A	N	N	Y	N	G-501	Defer \$500K of PLN from FFY 2017 to FFY 2018. No inflation (1%) was applied since \$500K covers the negotiated fee.

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S28.	Hawaii Road Usage Charge Demonstration	This is a three-year, six-phase project that builds on existing state infrastructure that collects odometer readings annually as the basis for testing a road usage charge (RUC) user-based revenue alternatives. The project involves setup and implementation of an accounting system to provide prototypical invoices (or "billings") for mileage driven and other direct communications about revenue alternatives to over 1 million motorists. Billings will feature personalized information about motorists' road use and corresponding RUC, gas taxes paid, and other fees. The first demonstration activities will launch in the first half of 2017 with manual reporting and feature continuous feedback from motorists over 18 months. The grant proposal can be downloaded at http://hidot.hawaii.gov/administration/library/publications/ .	N	N	L	N/A	N	N	Y	Y	G-503	Add ADVCON in FFY 2018 to adjust for fiscal constraint.
S12.	Statewide Signing, Striping and Pavement Marking Program	System maintenance to upkeep traffic control devices such as highway signing and striping.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301-2, G401-2, G501	Initiate federalization of statewide restriping program by adding federal aid (HSIP funds) in FFYs 2018-2020.

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S14.	Structural Countermeasures for Scour Critical Bridges	As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.	N	N	L	L	N	N	Y	N	G101, G201-202, G301, G401	Add \$500K of PE1 in FFY 2019 and \$500K of PE2 in FFY 2020. Defer \$3M of CON out of the STIP.

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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 Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
STATEWIDE - FHWA												
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	Update statewide estimates based on distributed awarded projects (decrease PE/CON in FFY 2017 from \$1.2M to \$1.05M; decrease PE/CON in FFY 2018 from \$1.3M to \$350K; decrease PE/CON in FFY 2019 from \$650K to \$155K; and increase PE in FFY 2019 from \$100K to \$200K). Extend funding into FFY 2020 (\$200K for PE and \$185K for PE/CON).
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	Defer and decrease CON cost estimate to reflect updated estimate in FFY 2018 from \$6M to \$5M. Add federal aid to CON in FFY 2019.

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MODERNIZATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
STATEWIDE - FHWA													
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	Defer and inflate CON from \$1.5M in FFY 2018 to \$1.53M in FFY 2020.

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ENHANCEMENT PROJECTS		Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
STATEWIDE - FHWA											
S26.	Transportation Alternative Program	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 TAP Project Evaluation and Ranking processes. These funds are totals for the entire state. Appropriate funds will be redirected to the MPOs as projects are identified.	N	L	L	N	Y	Y	N	G101-4, G201, G301-2	Update estimates to account for 2017 TAP funds awarded.

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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 Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
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. 505	G101-3, G301-2, G401	Adjust Advance Construction reimbursement conversions to reflect cash flow needs. (A.3)
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. 506	G101-2, G201-2, G301-2, G401	Defer and inflate (1%) CON from \$22M in FFY 2019 to \$22.2M in FFY 2020 and \$10M of ADVCON in FFY 2020 to the out years of the STIP since the Plans, Specifications and Estimate (PS&E) will not be complete for CON. The new anticipated Ready to Advertise (RTA) is June 2020. (A.2)
OS12.	Interstate Route H-1, and Interstate Route H-2, and H-201 Destination Sign Upgrade/Replacement	Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 506	G101-2, G201-2	Adjust Advance Construction reimbursement conversions, deferring some funding out of the 4-year window to reflect current cash flow needs (A.3)
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. 506	G101-3, G201-2, G301, G401	Adjust Advance Construction reimbursement conversions to reflect cash flow needs. (A.3)

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OS67.	Interstate Route H-1 , Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa	Rehabilitate or Reconstruct Portland Concrete pavement. Widen to improve shoulders and travelway.	L	N/A	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj. 506	G101-2, G104, G201	Adjust PE2/CON estimate to reflect final estimate (\$80M to \$90.5M in FFY 2017). (A.3) Readjust ADVCON to meet cash flow needs. (A.3)
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. 506	G101-2, G201-2, G301-2, G401	Defer and increase CON from \$11.942M in FFY 2019 to \$15M in FFY 2020. Defer ADVCON in FFY 2020 to the out years of the STIP. NEPA is anticipated to be complete May 2019 and Ready to Advertise (RTA) August 2020. (A.6)
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. 506	G101-2, G201-2, G301-2, G401	Increase CON estimate in FFY 2020 from \$9.103M to \$11M. (A.6)
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. 506	G101-2, G201-2, G301-2, G401	Defer \$9.445M of CON in FFY 2019 to the out years of the STIP. Defer ADVCON to the out years of the STIP. The revised Ready to Advertise (RTA) date is July 2021. This project will be reprioritized in the FFY 2019 to 2022 STIP. (A.2)

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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 Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
OAHU : STATE - FHWA																	
OS20.	Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) to Waiawa Overpass	Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.	H	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.401	G101-4, G201-2, G301-2, G401	Defer and inflate (1%) CON from \$4.08M in FFY 2017 to \$4.12M in FFY 2018 and ADVCON from \$2.264M in FFY 2018 to \$3M in FFY 2019 since a PE contract has just been executed in August and CON will not be ready in FFY 2018. (A.2)
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.552	G101-3, G201-2, G301-2, G401	Adjust ADVCON to reflect cash flow and include federal aid in FFY 2018. Change ROW phase to PREROW since ROW acquisition is deferred. (A.3)
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.401	G101-2, G201-2, G301-2, G401	Identify as Phase 1 and add this to the project title. Phase 2 will be prioritized and programmed later. (A.3)
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.851	G101-3, G201-2, G301-2, G401	Request to revise programmed OPR and EQP amounts within project phases (A.11).

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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 Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
OAHU : STATE - FHWA																			
OS5.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2A	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	M	N/A	N	N	N	Y	Y	Y	Y	Proj.2	G101-2, G104, G201-2, G301-2, G401	Adjust Advance Construction reimbursement conversions to reflect cash flow needs. (A.3)
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.2	G101-2, G104, G201-2, G301-2, G401	Defer and inflate (1%) PE2 from \$730K in FFY 2019 to \$740K in FFY 2020 and \$10.2M of CON in FFY 2020 to the out years of the STIP. PE1 is anticipated to start March 2018 and will not be completed in time for PE2 in FFY 2019. (A.2)
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. 2	G101-2, G104, G201-2, G301-2, G401	Request to delete Phase 14, redescribe Phase 15 as "Nanakuli" and advance PE1, to redescribe Phase 16 as "Waianae" and advance PE1 (A.5).

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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. 504	G101-4, G201-2, G301-2, G401	Request to defer project Phases 20-21 outside of the TIP 4-year window (A.11).

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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 Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
OAHU : STATE - FHWA																		
OS17.	Interstate Route H-1, Kapolei Interchange Complex	Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 4 and 4 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.	H	L	H	H	M	M	N	N	N	N/A	Y	Y	Y	Proj. 204	G101-2, G104, G201-2, G302, G401	Extend ADVCON to FFY 2018 for Phase 2. (A.3) Delete \$238K of ROW in FFY 2018 for Phase 3. Design will be completed but ROW and CON will be deferred in this STIP and reprioritized in the new FFY 2019 to 2022 STIP. (A.7)

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ENHANCEMENT PROJECTS		Project Description	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
OAHU : STATE - FHWA																
OS41.	Kamehameha Highway, Wetland Enhancement, Vicinity of Ukoa Pond	Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.	N	Y	L	M	N	Y	N	N/A	Y	Y	Y	Proj. 101	G301	Adjust ADVCON to reflect cash flow and include federal aid in FFY 2018. (A.3)
CITY & COUNTY OF HONOLULU - FHWA																
OC26.	Transportation Alternatives Program (State)	Combined with the statewide portion, ~\$2.4 million/year -- 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 State TAP Project Evaluation and Ranking process.	N	Y	L	M	N	N	N	N/A	Y	Y	Y	Proj. 101	G101-4, G201-2, G301-2, G401, G501	Request to withdraw project Phase 2 (A.7).
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. 101	G101-4, G201-2, G301-2, G401, G501	Request to defer Phase 3 funding by one year (A.2). Request to enhance Phase 4 funding programmed (A.11).

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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 Federal Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (TIP Revision #18) (12/18/17)
OAHU : STATE - FTA																
OS68.	HDOT State Safety Oversight Program	This funding will provide operational resources for the HDOT State Safety Oversight Program administered by the HDOT Rail Transit Safety Office and will Implement 49 CFR Part 674 State Safety Oversight Final Rule.	N/A	N/A	N/A	Y	N/A	Y	Y	N/A	Y	Y	Y	Proj. 852	G101-3, G201-2, G301-2, G401	Request to adjust estimates base on new revenue projections (A.11).
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. 603	G101-4, G201-2, G301-2, G401	Request to revise DES project costs; request to revise CON costs and defer funding (A.5).
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. 852	G101-4, G201-2, G301-2, G401, G502	Request to move FFY 17 funding to FFY 18 and to modify local share of OS64 using sliding scale and full federal reimbursement of traffic signal projects. Also updating total project costs to reflect current estimates with no change in federal share (A.2).
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. 605	G101-4, G201-2, G301-2, G401	Request to defer all FFY 2017 EQP funding to FFY 2018 (A.5).

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MODERNIZATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
COUNTY OF HAWAII - FHWA													
HC6.	Mamalahoa Highway (Route 19) Widening (Mudlane to Mana Road)	To widen and provide left-turn pockets for thirteen (13) eighteen (18) 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	Revise description to specify eighteen (18) intersections instead of thirteen (13).

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SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
MAUI : STATE - FHWA												
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 \$5.233M of CON in FFY 2018 out of the STIP since the updated Shoreline Program shows this area is a lower priority and will be monitored.
COUNTY OF MAUI - FHWA												
MC41.	Kaupakalua Road (Route 365) Pavement Rehabilitation Phase 1 - Kokomo Road to East Kuaaha Road Phase 2 - East Kuaaha 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	Phase 1 CON estimate reduced in FFY 2018 from \$8.8M to \$7.5M to reflect recent bids.

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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 Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
MAUI : STATE - FHWA												
MS20.	Piilani Highway Safety Improvements, N. Kihei Rd to the Vicinity of Alanui Ke Alii Dr. Wailea Ike Dr., MP 3.7 to MP 8.5 7.15	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	CON estimate increased in FFY 2018 from \$1.2M to \$1.6M to reflect the current estimate.

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MAUI : STATE - FHWA													
MS13.	Puunene Avenue (Rte 3500) Improvements, Kaahumanu-Kamehameha Avenue (Rte 32) to Kuihelani Highway (Route 380), MP 0.46 to 1.09	Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes coulbe included where feasible.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Decrease CON estimate in FFY 2019 from \$13.5M to \$10M since extra scope has been scaled back.

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ENHANCEMENT PROJECTS		Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
MC24.	North Shore Greenway, Phase IV, Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park										
COUNTY OF MAUI - FHWA											
		An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and decrease CON from \$1.785M in FFY 2017 to \$1.3M in FFY 2018 since 100% Plans, specifications, and estimate (PS&E) is anticipated to be ready Dec 2017. Estimate was decreased based on recent bids.

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SYSTEM PRESERVATION											
Project Description		Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
KAUAI : STATE - FHWA											
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/inflate (1%) From \$11.15M in FFY 2018 to \$11.275M in FFY 2019 . Delays with completing Sect 106 and Sect 4(f) have delayed NEPA Clearance.
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 Phase 2 CON estimate increased from \$22.75M to \$30M in FFY 2019 to reflect the current estimate.
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 Restructure ADVCON to show cash flow needs. Reduce federal aid for CON in FFY 2018 from \$3M to \$1M; reduce federal aid for ADVCON in FFY 2019 from \$7.4M to \$6.4M; add ADVCON in FFY 2020 for \$3M.

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COUNTY OF KAUAI - FHWA												
KC2.	Hanapepe Road (Route 545) Resurfacing	Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Add PE2 (\$300K) in FFY 2018. Defer and inflate (1%) CON from \$3M in FFY 2018 to \$3.03m in FFY 2019 since NEPA has not yet been cleared. CON will be ready to advertise in 2019.
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 (1%) CON from \$3.5M in FFY 2017 to \$3.535M in FFY 2018 since Categorical Exclusion is anticipated in Spring 2018.
KC8.	Puhi Road (Route 5010) Rehabilitation, Phase 2 - Kaneka St to S. Haleukana St (MP 0.35 to MP 0.80)	Rehabilitate Puhi Road. Phase 1 was from Kaumualii Hwy (MP 0) to Kaneka St. Phase 2 will rehabilitate Puhi Road from Kaneka St to South Haleukana St intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Defer and inflate (1%) Phase 2 CON from \$3.57M in FFY 2018 to \$3.605M in FFY 2019 since final design (PE2) hasn't started yet. Therefore, CON will not be ready this FFY 2018.

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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 Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
KAUAI : STATE - FHWA												
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai, Parts 3, 4 & 5	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Part 5 CON estimate increased from \$1M to \$2M in FFY 2019 to reflect the current estimate.
KS11.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge Work	Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Update and advance Phase 2 CON estimate for NHPP funds--\$3.425M in FFY 2019 to \$19.375M in FFY 2018. Update and advance Phase 2 CON estimate for Re-purposed earmark funds--\$9.375M in FFY 2019 to \$2.625M in FFY 2018.

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ENHANCEMENT PROJECTS		Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #13 (12/18/17)
COUNTY OF KAUAI - FHWA											
KC4.	<p>Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)</p> <p>Phase A-1 - Kawaihau Elevated Boardwalk, Papaloa Road to Uhelekawawa Canal Kawaihau Road to Gore Park Phases C & D</p>	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	For Phases C & D, defer and inflate (1%) PE2 from \$400K in FFY 2017 to \$404K in FFY 2018, and ROW from \$500K in FFY 2017 to \$505K in FFY 2018 since Categorical Exclusion (CatEx) was not complete in FFY 2017. Project cannot proceed to PE2 (final design) or purchase ROW without CatEx. Use Advance Construction reimbursement in FFY 2019 to spread out CON federal-aid obligations (\$500K of CON in FFY 2018; \$1.091M of ADVCON in FFY 2019)