

**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 island's 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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HUMAN SERVICES TRANSPORTATION PROGRAMS Human Services programs, such as the following, that assist persons who have been traditionally underserved by the transportation system: - Job Access and Reverse Commute Program (JARC) - Elderly and Persons with Disabilities Vehicle Acquisition Program - New Freedom Program - Ways to Work Program		Project Description	Human Services Transportation Plan Yes: Project is included in the Coordinated Public Transit-Human Services Transportation Plan No: Project is not included in the Coordinated Public Transit-Human Services Transportation Plan	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
STATEWIDE - FTA										
S18.	State Administration	FTA Section 5311 Nonurbanized Area Formula Program.	Y	L	H	N	Y	N	G101-2, G104, G201-2, G301, G401	Reduction in Admin to provide additional funds to counties. A.15

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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 #16 (TIP Revision #22) (6/5/18)
OAHU : STATE - FHWA																		
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	Request to defer/inflate due to a delay in procurement for the project's final design phase (PE2). This will delay the construction obligation until late 2020 (A.2).
OS65.	Kamehameha Highway (RTE 83) Shoreline Mitigation, Vicinity of Kaaawa, Hauula, Punaluu and Kualoa	Repair identified locations along the coastal highway that have a very high probability of further erosion in the immediate future.	L	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj. 502	G101-2, G201-2, G301	Increase, defer, and change PE1 from \$100K in FFY 2016 to PE2 for \$1.3M in FFY 2018. (A.2, A.11) Change PE2/CON (Design-Build) in FFY 2019 to only CON (Design-Bid-Build) and defer it out of the STIP until the shoreline program can identify treatments. (A.2, A.6). No longer need to show ADVCON.

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 #16 (TIP Revision #22) (6/5/18)
OAHU : STATE - FHWA																	
OS52.	Sand Island Access Road (Route 64), Truck Weigh Station, Kapalama Container Terminal	The description of work would be to design, construct and operate a truck weigh station to perform truck inspections and driver credential checks at the egress of the container terminal on Sand Island Access Road. The work includes auxiliary lanes to accommodate truck vehicles, traffic controls, truck weighing infrastructure and computer hardware/ software, operator kiosk/ office.	L	L	L	L	L	N	N	N	N/A	Y	Y	Y	Proj.506	G101-2, G301, G501	Add \$500K Utility (UTL) phase in FFY 2019 for relocations (A.6). Defer/inflate CON from \$5.1M in FFY 2018 to \$5.2M in FFY 2019 since the Federal Aviation Administration (FAA) land transfer and utility agreements (UA) have been delayed (A.2). No longer need ADVCON.
CITY & COUNTY OF HONOLULU - FHWA																	
OC28	Safe Routes to School (SRTS) Program	The Safe Routes to School (SRTS) Program has the following goals: enable and encourage children, including those with disabilities, to walk and bicycle to school; make bicycling and walking to school a safer and more appealing transportation alternative, thereby encouraging a healthy and active lifestyle from an early age; and facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.	L	L	N/A	L	L	N	N	N	N	Y	Y	Y	Proj.101	G101-4, G201, G301-2	HDOT request that the program be added to the TIP for consistency with the STIP (A.3).
OC8.	Traffic Improvements at Various Locations	Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park, and Kupuna Loop areas; Kalaheo Avenue/Kailua Road; Dillingham Boulevard; and Waiakamilo Road. Other locations are to be determined.	L	L	N/A	L	L	Y	N	N	N/A	Y	Y	Y	Proj.504	G101-3, G201-2, G301, G401	Request to revise the amount programmed for project phases to reflect changes in cost estimates; the request is specifically to increase the amount programmed for the project's Village Park/Kupuna Loop phase to reflect increased cost estimates for the inspection (INSP) and construction (CON) 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 #16 (TIP Revision #22) (6/5/18)
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 change the project's funding from federal to local; the request to change funding sources is specifically for Phase 15 (Nanakuli), preliminary engineering (PE1) and final design (PE2) phases (A.9).
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 and inflate funding to a year that is outside of the four-year TIP; the request is specifically to defer/inflate funding for Phase 19 (Waialae Avenue at 16th Avenue and Moanalua Road at Ualo Street) final design (PE2) phase to federal fiscal year 2019 (A.7).

PLN-Planning, PE1-Preliminary Design, PE2-Final Design, PREROW-Preliminary Rights-of-Way, ROW-Rights-of-Way, CON-Construction, ADVCON-Advance Construction, INSP-Inspection, EQP-Equipment, OPR-Operations, RELOC-Relocation, UTL-Utilities

FFY-Federal Fiscal Year

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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 #16 (TIP Revision #22) (6/5/18)
OAHU : STATE - FHWA																
OS43.	Leeward Bikeway, Phase 1, Waipio Point Access Road to Hawaii Railway Society Train Station	Improve the bikeway/bike path from Waipio Point Access Road to Lualualei Naval Road Hawaiian Railway Society.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 1	G101-4, G201-2, G301-2, G401	Refine limits from "Waipio Point Access Road to Lualualei Naval Road Hawaiian Railway Society" to "Philippine Sea Road to Waipahu Depot Street". (A.3)
CITY & COUNTY OF HONOLULU - FHWA																
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 revise the source of federal funds designated to a project to reflect a different funding program; the request is specifically to flex Federal Highway Administration funds to Federal Transit Administration funds for phase 5 (East Kapolei Rail Station MultiModal Access Improvements) final design (PE2) phase (A.8).

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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 #16 (TIP Revision #22) (6/5/18)
CITY & COUNTY OF HONOLULU - FTA																
OC13.	Bus and Handi-Van Acquisition Program	Purchase replacement transit buses and handi-van vehicles.	Y	N/A	N/A	Y	N	Y	Y	N/A	Y	Y	Y	Proj. 603	G101-4, G201-2, G301-2, G401, G501	Request to revise the amount programmed for a project phase to reflect changes in cost estimates; the request is specifically to both increase and decrease the amount programmed to reflect increased/decreased cost estimates (A.11). Request to defer funds; this is specifically to defer equipment (EQP) funding from federal fiscal year 2018 to 2019 (A.7). Request to change the project's funding from federal to local; the request is to specifically change the funding source for equipment (EQP) in federal fiscal year 2020. A.9
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 change the project's funding from federal to local; the request is to specifically change the funding source for the construction phase (CON) in federal fiscal year 2018 (A.9).

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OC24.	Capital Training	Public Transit Division staff attendance at training workshops offered by the National Transit Institute.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Proj. 605	G103	Request to revise the amount programmed for a project phase to reflect changes in cost estimates; the request is specifically to decrease the amount programmed to reflect decreased cost estimates for the project's operational (OPR) phase (A.11).
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	Decrease funds in FFY 2018, add funds to FFY 2019 & FFY 2020 for \$5309 New Starts. Decrease funds in FFY 2018, add funds to FFY 2019 for FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64).
OC20.	Preventive Maintenance	Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.	Y	N/A	N/A	N/A	N/A	Y	Y	N/A	Y	Y	Y	Proj. 605	G101-4, G201-2, G301-2, G401, G501	Request to revise the amount programmed for a project phase to reflect changes in cost estimates; the request is specifically to decrease the amount programmed to reflect decreased cost estimates for the project's operational (OPR) phase (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 #16 (TIP Revision #22) (6/5/18)
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 revise the amount programmed for a project phase to reflect changes in cost estimates; the request is specifically to increase the amount programmed to reflect increased cost estimates for the project's equipment (EQP) (A.11).

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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, County's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, County'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 #16 (6/5/18)
HAWAII : STATE - FHWA												
HS28.	Queen Kaahumanu Highway (Route 19), Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park	Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.	N	Y	L	L	N	N	Y	N	G101-2, G201-2	Defer \$6M of CON from FFY 2018 out of the STIP due to budget constraints. ADVCON is no longer needed. Will fund through open-ended funding sources for the pavement scope. (A.10)
COUNTY OF HAWAII - FHWA												
HC11.	Kaahakini Stream Bridge Rehabilitation	Repair or reconstruct and restore the structural integrity and safety of the Kaahakini Stream Bridge.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Delete project (FFY 2017: PE1 \$200K all local; FFY 2018: PE2 \$300K all local; FFY 2020: CON \$5M fed-aid) since it will be using only county funds now (A.5).

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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 #16 (6/5/18)
	HAWAII : STATE - FHWA											
HS8.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Delete project (\$1.56M CON in FFY 2019) since it will be implemented under open-ended work orders instead using state funds (A.5).

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
COUNTY OF HAWAII - FTA													
HC8.	Bus and Bus Facility	Purchase buses and operate bus transit facilities.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Increase funds due to an overall increase in program funding in FFY 2018 through FFY 2020. (A.15)

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MAUI : STATE - FHWA												
MS18.	Hana Highway Bridge Preservation Program, Phase 1	Improve Hana Highway Bridges. Improvements could include widening of lanes and shoulders, replace railings, strengthening of the superstructure to support current design loads, all abutments will be upgraded, all approach guardrail and CRM walls will be upgraded. Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokulehua, 4. Ulaino, 5. Kailua, 6. Makanali	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer/inflate PE2 from \$1M in FFY 2018 to \$1.01M in FFY 2019 and ROW from \$1.065M in FFY 2019 to \$1.075M in FFY 2020 since PE1 just started and ROW will not be needed in 2018 and 2019. (A.2)
COUNTY OF MAUI - FHWA												
MC10.	Kahana Nui Bridge Replacement (Lower Honoapiilani Road - Route 3080), MP 2.40	Replace existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer/inflate CON from \$3.683M in FFY 2019 to \$3.72M in FFY 2020 since the project is not ready for obligation in FFY 2019. (A.5)
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/inflate CON from \$5.62M in FFY 2019 to \$5.676M in FFY 2020 since Section 106 is not done. (A.5)
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	Delete project (\$300K DES all local in FFY 2017; \$6.73M CON in FFY 2019) since CON is now scheduled in FFY 2021. (A.5)
MC41.	Kaupakalua Road (Route 365) Pavement Rehabilitation Reconstruction Phase 1 - Kokomo Road to East Kuiaha Road Phase 2 - East Kuiaha Road to Hana Hwy	The proposed scope of work for this project consists of pavement reconstruction, utility adjustments, replacement of existing signs, and installation of pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Correct description from "rehabilitation" to "reconstruction". (A.3)

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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, County's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, County'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 #16 (6/5/18)
MC15.	Koukouai Bridge Modifications, Piilani Highway (Route 3700), MP 28.59	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	Delete project (\$6.12M CON in FFY 2019) since it will only use county funds. (A.5)
MC19.	Lower Honoapiilani Road (Route 3080, MP 2; MP 3.4) Improvements, Phase IV, Hoohui Road to Napilihau Road (Route 3090)	Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.	Y	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401	Delete project (\$350K DES all local in FFY 2016; \$6.02M CON in FFY 2019) since CON is now scheduled in FFY 2023. (A.5)
MC21.	Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, Kahului Beach Road (Route 3400) to Hala Place	The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Delete project (\$175K DES all local in FFY 2016; \$3.641M CON in FFY 2019) since CON is now scheduled in FFY 2021. (A.5)
MC28.	Onehee Avenue (Route 3960, MP 0.66-MP0) Pavement Rehabilitation-Reconstruction, 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	Correct description from "rehabilitation" to "reconstruction". (A.3)

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 #16 (6/5/18)
MAUI : STATE - FHWA												
MS2.	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Part 3 - Kula Hwy (Rte 37) MP 10.0 -18.78	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Clarify project limits to say "Kula Hwy (Rte 37) MP 10.0 -18.78" (A.3)
MS16. MS17.	Honoapiilani Highway (Route 30), Safety Improvements, Vicinity of Kapoli Street to Papalaua Beach Park	Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer/inflate CON from \$3.12M in FFY 2017 to \$3.15M in FFY 2018 since matching the topography with the as-builts took longer than scheduled. (A.2)
COUNTY OF MAUI - FHWA												
MC5.	Guardrail and Shoulder Improvements, Various Locations, Phase 1 - Haliimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62 & Phase 2	Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Delete Phase 2 (\$1.873M CON in FFY 2019) since no scope of work has been set. (A.5)

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CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
COUNTY OF MAUI - FHWA													
MC4.	Central Maui Traffic Signal Upgrades	The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.	N	N	L	L	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer/inflate CON from \$1.3M in FFY 2019 to \$1.313M in FFY 2020 since Notice to Proceed (NTP) was just given so start the design and design will not be ready for obligation in FFY 2019. (A.2)
MC23.	Mill Street (Route 3840) Traffic Signal at Imi Kala Street	Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete project (\$730K CON in FFY 2019) since this project may be combined with a larger project in the future. It is not in the current county budget. (A.5)
MC27.	Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.	N	N	L	L	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer/inflate CON from \$1.25M in FFY 2019 to \$1.263M in FFY 2020 since the Plans, Specifications and Estimate (PS&E) will not be ready by 2019. (A.5)

CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
MC#	Project Name												
MC29.	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete project (\$880K CON in FFY 2019) since it's been determined that the intersection operates sufficiently therefore improvements are no longer necessary at this time. (A.5)
MC30.	Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Wainee Street (Route 3015, MP 0.3-MP 0.34)	This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.	N	N	L	L	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Increase CON estimate in FFY 2019 from \$1.25M to \$1.837M. (A.15)
MC33.	Waiale Road (Route 3180) Traffic Signals at Waiinu Road	This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete project (\$843K CON in FFY 2019) since CON is now scheduled in FFY 2021. (A.5)
MC35.	Wakea Ave. (RTE 3920) and Kamehameha Avenue (RTE 3940) Traffic Signal Upgrade	This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete project (\$1.298M CON in FFY 2019) since CON is now scheduled in FFY 2022. (A.5)

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 #16 (6/5/18)
COUNTY OF MAUI - FHWA													
MC26.	North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Lokelani School to Auhana Road	Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.	N	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Delete project (\$600K DES all local FFY 2016; \$150K ROW all local FFY 2018; and \$8.67M CON in FFY 2020) since CON is deferred beyond FFY 2020. (A.5)

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 #16 (6/5/18)
COUNTY OF MAUI - FHWA											
MC22.	Makawao Avenue (Route 365, MP 1.5-MP 1.7) - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Delete project (\$750K ROW all local in FFY 2016; \$1.301M CON in FFY 2019) since CON is now scheduled in FFY 2022. (A.5)
MC34.	Waipuilani Bikepath	Construct bikepath on beach reserve, from Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Delete project (\$1.765M CON in FFY 2019). County will be evaluating funding feasibility and other possible alternative routes. (A.5)

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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Addresses at least one Federal Planning Factor?	Local Match Available?	Ready-to-Go?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
COUNTY OF MAUI - FTA													
MC39.	Transportation Assistance for Elderly and Disabled	Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.	Y	M	H	N	N	Y	Y	Y	N	G101-4, G201-2, G301-2, G402, G802, G503	Decrease funds in FFY 2018-2020 due to overall decrease in program funding. (A.15)

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
COUNTY OF MAUI - FTA													
MC36.	Bus and Bus Facility (Rural)	Program funds will be utilized to purchase communication, passenger counting equipment and buses for transit operations	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Increase funds in FFY 2018-2020 due to an overall increase in program funding. (A.15)
MC38.	Urbanized Area - Kahului	Capital purchases, operating costs and planning	Y	N	N	Y	N	N	Y	Y	N	G101-2, G201-2, G301-2	Adjustment to funds in FFY 2018 due to input error. (A.3)

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, County's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, County'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 #16 (6/5/18)
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 ROW from \$840K in FFY 2018 to \$850K in FFY 2019; \$11.275M of CON in FFY 2019 to FFY 2020; and \$8M of ADVCON from FFY 2020 to the out years of the STIP since Categorical Exclusion is anticipated to be complete in April 2019. (A.2)

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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 #16 (6/5/18)
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, Papalea Road to Uhelekawawa Canal Kawaihau Road to Gore Park 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	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer/inflate CON from \$500K in FFY 2018 to \$505K in FFY 2019 (100% fed-aid) since Categorical Exclusion is not done. (A.2) Change ADVCON to CON to clarify that this is a separate CON package. (A.3)
KC18.	Safe Routes to School Program (SRTS) 2014 Awards 1. King Kaumualii School SRTS, Phase 1 2. Koloa Safe Routs, Phase 2 2016 Awards 3. Kalaheo School SRTS, Phase 1	SRTS is an international effort to increase safety and promote walking and bicycling to/from school. Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.	N	L	L	N	N	Y	N	G101-4, G201, G301-2	Defer \$450K of CON for King Kaumualii School SRTS, Phase 1 from FFY 2019 to FFY 2020 since scoping was only recently done. (A.2)

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TRANSIT PROJECTS		Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one Federal Planning Factor?	Consistent with Regional Transportation Plans?	HSTP Goals and Objectives Code	2015-2018 STIP Revision #16 (6/5/18)
COUNTY OF KAUAI - FTA													
KC11.	Bus and Bus Facility	Purchase buses and operate bus transit facilities.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Increase funds in FFY 2018-2020 due to an overall increase in program funding. (A.15)