

**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 transporation 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 facilites 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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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
STATEWIDE - FHWA												
S5.	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	Implement non-infrastructure scope of HSIP including safety education programs and PSAs.	Y	N	L	H	N	N	Y	N	G103, G201-2, G501	Increase annual funding levels from \$500K to \$700K in FFYs 13-16. Also increased total project cost to reflect the increase in annual funding levels.
S10.	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	
S13.	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	

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	STATEWIDE - FHWA												
S9.	Public Lands Highways Discretionary Projects	Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.	N	N	L	L	N	N	N	Y	N	G101-2, G501-3	
S16.	Technology Transfer and Technical Assistance Program	Conduct training and technology transfer activities for government and private transportation personnel.	N	N	L	M	N	N	N	Y	N	G101-2, G501-2	
S17.	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	A design contract has not yet been executed. Defer and inflate CON from \$3.5M in FY13 to \$3.57M in FY14.

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ENHANCEMENT PROJECTS Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities 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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
STATEWIDE - FHWA											
S1.	Bikeway Improvements at Various Locations, Statewide	Implementation of State bike projects identified on Bike Plans.	N	L	L	N	N	Y	Y	G101-4, G201-2, G301-2, G401-2, G501-2	
S27.	Hawaii Scenic Byways Statewide Signage	Design, manufacture, and install directional and byway identification on four state byways on Hawaii and Kauai islands. Signage will be consistent with the State's Scenic Byway Program.	N	L	H	N	N	Y	N	G301, G302	New project that adds \$78K of DES/CON funds in FY12.
S8.	Pedestrian Facilities and ADA Compliance at Various Locations	Address ADA compliance needs, statewide.	N	L	L	N	Y	Y	Y	G101-4, G201-2, G301-2, G401-2, G502	Defer CON in FY14 to FY15 and DES in FY15 to FY16. Design may be possible if Pedestrian Master Plan is completed before 3rd quarter (April 2013). No inflation has been applied. Scope of improvements to fit into yearly allocation.
S11.	SNIPP - Statewide Noxious Invasive Pest Program	Operation of the Statewide Noxious Invasive Pest Program.	N	L	M	N	N	Y	N	G101, G301, G501	
S12.	Statewide Countown Pedestrian Signal Head Upgrade, Phase 2	Implement pedestrian signal head upgrade with countdown head.	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2	

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
STATEWIDE - FTA										
S3.	Construction Career Days Workforce Development Program	Supplement the Construction Career Days Workforce Development Program.	N	L	H	N	Y	N	G201, G501-2	
S19.	Rural Transportation Assistance Program (RTAP)	FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural transportation providers.	Y	L	H	N	Y	N	G401-2, G501-2	
S20.	State Administration	FTA Section 5311 Nonurbanized Area Formula Program.	Y	L	H	N	Y	N	G101-2, G104, G201-2, G301, G401	
S21.	Transportation Assistance for Elderly and Disabled	The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate. Transportation for Elderly and Persons with Disabilities (Section 5316). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles.	Y	L	H	N	Y	N	G101-4, G201-2	Grant estimates have increased under MA-P21. Increase EQP funds in FY14 from \$972K to \$1.435M; in FY15 from \$1M to \$1.475M; in FY16 from \$1.03M to \$1.565M.
S22.	JARC (non-urban)	Job Access and Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients and eligible low-income individuals and to transport residents of urbanized areas & nonurbanized areas to suburban employment opportunities. Funds from the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.	Y	L	H	N	Y	N	G103, G302, G401, G501-2	Increase EQP/OPR in FY13 from \$200K to \$400K. This program has been discontinued under MAP-21. Delete \$206K in FY14; \$213K in FY15 and \$219K in FY16.

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S23.	New Freedom (non-urban)	New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services. Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.	Y	L	H	N	Y	N	G103, G302, G401, G501-2	Increase EQP/OPR in FY13 from \$111K to \$260K. This program has been discontinued under MAP-21. Delete \$115K in FY14; \$119K in FY15 and \$123K in FY16.

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OAHU - STATE - FHWA																		
OS87.	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.	L	L	H	L	L	H	N	N	Y	N/A	Y	Y	Y	Proj.41	G101-3, G301-2, G401	
OS1.	Castle Hills Access Road Drainage Improvements, Phase II	Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Pilina Way in Kaneohe.	L	N/A	L	N/A	L	M	N	Y	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2, G301-2	
OS2.	Farrington Highway (Route 93), Bridge Rehabilitation, Ulehawa Stream Bridge	Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS3.	Farrington Highway (Route 93), Bridge Replacement, Maipalaoa Bridge	Replace the existing bridge with a concrete structure that meets current bridge standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Advance CON from FY16 to FY15 and reduce total cost of CON from \$14.56M to \$13.5M. Also added \$5.8M of advance construction reimbursement in FY16.
OS82.	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.36	G101-2, G201-2, G301-2, G401	Redistribute advance construction reimbursement in FY14 from \$4.98M to \$1M and FY15 from \$8M to \$11.98M. Redistributed funds to financially constrain the STIP.

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OS15.	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 and H-2.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2	
OS16.	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)	Rehabilitate existing bridge.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS21.	Interstate Route H-1, Highway Lighting Improvements, Kaimakani Overpass to Gulick Avenue	Upgrade/replace existing freeway lighting.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-3, G201-2, G301, G401	Decrease federal portion in FY14 from \$5.488M to \$1M and add \$4.488M of advance construction reimbursement in FY15 to financially constrain the STIP.
OS83.	Interstate Route H-1, Installation of Access Control, Makakilo Interchange to Vicinity of H-1/H-2 Interchange	Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions.	L	N/A	L	N/A	L	H	N	N	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2, G301-2, G401	
OS24.	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.	H	N/A	L	N/A	L	H	Y	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G302	

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OS90.	Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of Ward Avenue	Cold plane and resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new highway lighting; and other miscellaneous work to accommodate the extra through lane.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Goal #1 Obj, #5 Proj. 32	G101, G102, G104, G401	New project that adds \$35M of CON in FY13, if which \$15M will be an advance construction reimbursement in FY14.
OS29.	Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2 and 3	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2	
OS30.	Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (Inbound & Outbound)	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2	
OS31.	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 66) Interchange	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2	
OS32.	Kalaheo Roadway Improvements, Vicinity of Barber's Point Naval Air Station	Bring roadways up to City standards and turn the roadway over to the City and County of Honolulu. Roadways include Roosevelt Avenue, Enterprise Avenue, and Coral Sea Road.	L	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj.6	G101-2, G201-2, G302	
OS33.	Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo	Replace the existing bridge.	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	

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OS37.	Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS38.	Kamehameha Highway, Bridge Rehabilitation, Kawaioloa Stream Bridge	Rehabilitate the existing bridge by widening and strengthening to meet current State standards.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS39.	Kamehameha Highway, Bridge Replacement, Laieloa Stream Bridge	Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Defer and inflate this project after reprioritization to financially constrain the STIP. Defer and inflate \$8.6M of CON in FY14 to \$8.775M in FY15.
OS40.	Kamehameha Highway, Bridge Rehabilitation, Makaua Stream Bridge	Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	No design contract has been executed yet. Defer and inflate PreROW in FY13 from \$100K to \$102K and defer and inflate ROW in FY14 from \$270K to \$275K in FY15.

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OS41.	Kamehameha Highway, Bridge Rehabilitation, Waipilopilo Stream Bridge	Rehabilitate 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.36	G101-2, G201-2, G301-2, G401	Change scope from rehabilitation to replacement.
OS42.	Kamehameha Highway, Bridge Replacement, Hoolapa Stream (Nanahu) Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS43.	Kamehameha Highway, Bridge Replacement, Kaluanui Stream Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Re-doing design due to historic bridge inventory study requirements. Defer and inflate PreROW in FY13 from \$52K to \$53K in FY14. Defer and inflate ROW in FY14 from \$600K to \$612K in FY15.
OS44.	Kamehameha Highway, Bridge Replacement, Kaunala Stream Bridge	Replace the existing bridge.	H	N/A	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS45.	Kamehameha Highway, Bridge Replacement, Kawela Stream Bridge	Replace the existing bridge.	H	N/A	N/A	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS46.	Kamehameha Highway, Bridge Replacement, Lauhulu Stream Bridge	Replace the existing bridge.	H	N/A	N/A	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS47.	Kamehameha Highway, Bridge Replacement, Papau Stream (Waipuhi) Bridge	Replace the existing bridge.	H	N/A	N/A	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Replacement Program (State)	Bridge Inspection & Appraisal (City)	Pavement Management System (State)	Roadway Pavement Condition Survey (City)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS48.	Kamehameha Highway, Bridge Replacement, South Kahana Stream Bridge	Replace the existing bridge.	H	N/A	N/A	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Defer and inflate \$946K of ROW in FY13 to \$965K in FY14 since environmental documents are not complete, which is required to acquire ROW.
OS49.	Kamehameha Highway, Bridge Replacement, Upper Poamoho Stream Bridge	Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.	H	N/A	N/A	N/A	M	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	Defer and inflate \$100K of PreROW in FY13 to \$102K in FY14 since a contract has not yet been executed. Defer \$1.125M of ROW in FY14 to FY15; no inflation applied since this earmark allocation is what is currently available for ROW.
OS50.	Kamehameha Highway, 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.36	G101-2, G201-2, G301-2, G401	Defer and inflate \$104K of PreROW in FY13 to \$108K in FY15. Defer and inflate \$520K of ROW in FY13 to \$540K in FY15. Defer and inflate \$10.816M of CON in FY14 to \$11.253M in FY16. Defer advance construction reimbursement from FY15 to out years. The existing DES contract is being terminated and we will need to re-procure a new consultant.
OS51.	Kamehameha Highway, 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.36	G101-2, G201-2, G301-2, G401	Increased total project cost from \$4.3M to \$8M since the construction cost estimate has increased.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Replacement Program (State)	Bridge Inspection & Appraisal (City)	Pavement Management System (State)	Roadway Pavement Condition Survey (City)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS52.	Kamehameha Highway, Lighting Improvements, Kalauao Stm Bridge to Pearl Harbor I/C	Upgrade/replace roadway lighting from Kalauao Stream Briggde (milepost 20.7) to Pearl Harbor I/C (milepost 23.8).	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-3, G201-2, G301-2, G401	
OS54.	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, In-bound, Vicinity of Waipahu	Rehabilitate the existing structure.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS55.	Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, Out-bound, Vicinity of Waipahu	Rehabilitate the existing structure.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301-2, G401	
OS72.	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa Heights Off-Ramp to the Middle Street Overpass	Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-3, G201-2, G301, G401	Defer and inflate \$5.84M of CON in FY14 to \$6M in FY15 due to reprioritization and financial constraint of the STIP and to match up with OS71 and OS21.
OS73.	Moanalua Freeway (Route H-201), Highway Lighting Improvements, Halawa to the H-3 Freeway Overpass	Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).	L	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-3, G201-2, G301, G401	
OS74.	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Interchange, Ramp "A"	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301	
OS75.	Moanalua Freeway (Route H-201), Seismic Retrofit, Puuloa Separation	Retrofit interchange structure to meet current seismic standards.	H	N/A	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.36	G101-2, G201-2, G301	
CITY & COUNTY OF HONOLULU - FHWA																		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OAHU : STATE - FHWA																	
OS4.	Farrington Highway (Route 93), Intersection Improvements, Haleakala Avenue (Route 8743)	Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.	H	H	N/A	M	M	N	N	N	N/A	Y	Y	Y	Obj. 6	G101-4, G201-2, G301-2, G401	Added \$1.496M of HSIP advance construction reimbursement and \$2.248M of Earmark - High Priority advance construction reimbursement, both in FY14, to financially constrain the STIP.
OS5.	Farrington Highway (Route 93), Intersection Improvements, Nanakuli Avenue (Route 8744)	Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-4, G201-2, G301-2, G401	Added \$4.148M of HSIP advance construction reimbursement and \$1.496M of STP Flexible advance construction reimbursement, both in FY14, to financially constrain the STIP.
OS6.	Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Kili Drive	Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301-2, G401	
OS14.	Guardrail and Shoulder Improvements, Various Locations	Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2, G301-2, G401	No design contract has been executed yet. Defer and inflate CON from \$2.1M in FY13 to \$2.142M in FY14.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS19.	Interstate Route H-1, Guardrail and Shoulder Improvements, Kapiolani Interchange to Ainakoa Avenue	Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.	H	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2, G301-2, G401	
OS20.	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.	H	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj.35	G101-2, G201-2, G301-2, G401	
OS28.	Interstate Route H-3, Safety Improvements, Vicinity of Kamehameha Highway Off-Ramp to Kaneohe Marine Corps Base Hawaii	Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.	H	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301-2, G401	
OS34.	Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I	Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	M	N	N	Y	N/A	Y	Y	Y	Proj.8	G101-3, G201-2, G301-2, G401	Decrease federal portion in FY14 from \$10.816M to \$2M and add \$8.816M of advance construction reimbursement in FY15 to financially constrain the STIP.
OS35.	Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II	Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	L	N	N	Y	N/A	Y	Y	Y	Proj.8	G101-3, G201-2, G301-2, G401	
OS36.	Kalanianaʻole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III	Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Aloiloi Street to Waimanalo Beach Park. Project includes turning lanes, bus pullouts, and lighting improvements.	H	L	N/A	L	L	N	N	Y	N/A	Y	Y	Y	Proj.8	G101-3, G201-2, G301-2, G401	
OS56.	Kamehameha Highway, Rockfall Protection, Waimea Bay	Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).	L	L	H	L	M	N	N	N	N/A	Y	Y	Y	Proj.5	G101-3, G201-2, G301, G401	No DES contract executed yet. Defer and inflate \$450K of PreROW in FY13 to \$460K in FY14. Defer and inflate \$9.5M of CON in FY15 to \$9.69M in FY16.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS64.	Kamehameha Highway, Shoreline Protection, Vicinity of Kaaawa	Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj. 6	G101-2, G201-2, G301	
OS65.	Kamehameha Highway, Shoreline Protection, Vicinity of Punaluu	Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj. 6	G101-2, G201-2, G301	Defer and inflate \$6.75M of CON in FY14 to \$6.885M in FY15 since the project is being transferred to Army Corp of Engineers to manage.
OS66.	Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay (Kahakili Highway [Route 83] to Kaalaea Stream)	Construct roadway geometric adjustments to improve safety and construct possible intersection improvements along Kamehameha Highway, from Kahakili Highway to Kaalaea Stream. Replace two bridge structures.	H	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Proj.36	G101-3, G201-2, G301-2, G401	
OS71.	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.35	G101-2, G201-2, G301-2, G401	
OS77.	Pali Highway (Route 61), Rockfall Protection Between the Two Tunnels	Reduce possible rockfall and/or landslides along Pali Highway between the two Pali Highway Tunnels.	L	L	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.5	G101-3, G201-2, G301, G401	
OS78.	Pali Highway (Route 61), Rockfall Protection, Kailua-Side of Kailua-Bound Tunnels	Reduce possible rockfall and/or landslides along Pali Highway on the Kailua-side of the Kailua Tunnels.	L	L	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.5	G101-3, G201-2, G301, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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CITY & COUNTY OF HONOLULU - FHWA																	
OC2.	Alapai Transportation Management Center	The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies. The City's Emergency Op Center will be relocated to the JTMC. This will enhance agency cooperation and coordination during emergency responses.	N/A	N/A	N/A	L	M	N/A	N	Y	Y	Y	Y	Y	Proj.1	G101-2, G104, G201-2, G302, G401, G501	<p>Management Center Building: Deleted \$16,481,000 of CON in FFY 2013, decreased CON by \$350,000 in FFY 2014, increased CON by \$5,972,000 in FFY 2015, and added \$23,207,000 to CON in FFY 2016 in order to reflect anticipated construction costs.</p> <p>System Manager: Increased DES by \$5,541,000 in FFY 2013, decreased DES by \$540,000 in FFY 2014, decreased DES by \$5,691,000 in FFY 2015, and decreased DES by \$2,048,000 in FFY 2016 to fully fund the System Manager's scope of work and provide for unanticipated design costs. Added EQP in FFY 2015 and FFY 2016 to provide for the building's furnishings such as computer servers, equipment racks, and network switches.</p>

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OC10.	Traffic Improvements at Various Locations	Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.	L	L	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301, G401	<p>anticipated costs. Changed "Palolo Traffic Calming" location to "Palolo Area." Specified project location areas including: 1) Waikiki Area, 2) Kalaheo Avenue and Kailua Road, and 3) Village Park and Kupuna Loop.</p> <p>Palolo Area: Deleted ROW (\$50,000) and PLN (\$50,000), and added \$200,000 to DES in FFY 2013. Deferred CON from FFY 2013 to FFY 2014 and increased CON by \$479,000. Added \$990,000 to CON in FFY 2015. The Project is not ready-to-go.</p> <p>Waiakamilo and Dillingham: Added \$300,000 to DES in FFY 2013. Added \$1,418,000 in FFY 2013 and \$601,000 in FFY 2014 to CON.</p> <p>Waikiki Area: Federalized ROW and DES (previously locally-funded). Deferred ROW from FFY 2014 to FFY 2015 and increased ROW by \$30,000. Advanced PLN from FFY 2014 to FFY 2013. Deferred DES for FFY 2013 to FFY 2014 and decreased DES by \$300,000. Deferred CON from FFY 2014 to FFY 2015 and decreased CON by \$1,630,000. The Project is not ready-to-go.</p>

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
																	<p>Kalaheo Avenue and Kailua Road: Federalized ROW and DES (previously locally-funded). Added \$50,000 to ROW in FFY 2014 and increased ROW by \$60,000 in FFY 2015. Added \$50,000 to PLN in FFY 2014. Increased DES by \$218,000 in FFY 2014. Decreased CON by \$180,000 in FFY 2015.</p> <p>Village Park and Kupuna Loop: Federalized ROW and DES. Increased ROW by \$150,000 in FFY 2016. Deleted PLN (\$50,000) in FFY 2016. Increased DES by \$50,000 in FFY 2015. Increased CON by \$885,000 in FFY 2016.</p> <p>Locations to be determined: Increased DES by \$400,000 in FFY 2016 and federalized. Added CON phase, with \$200,000 in FFY 2014 and FFY 2015, and \$500,000 in FFY 2016.</p>
OC12.	Upgrade Pedestrian Signals at Various Locations	Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pedestrian push buttons to ADA compliant push buttons.	L	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OAHU : STATE - FHWA																			
OS8.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 1C	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	M	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G104, G201-2, G301-2, G401	Defer \$3.5M of CON in FY13 to FY14. The federal portion in FY14 has decreased from \$2.8M to \$800K to account for \$2M of newly added advance construction reimbursement in FY15. After reprioritizing, It has been determined that funding is not needed in FY13. No inflation has been applied since this is an allocation of funds.
OS9.	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	L	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G104, G201-2, G301-2, G401	Decreased the federal amount in FY14 and added \$3M of advance construction reimbursement in FY15, to financially constrain the STIP.
OS10.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 2B	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	L	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G104, G201-2, G301-2, G401	Defer and inflate DES in FY13 from \$1.9M to \$1.94M in FY14. Funding is no longer needed in FY13.
OS11.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), Phase 3A	The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.	N/A	L	N/A	H	L	L	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G104, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

CONGESTION MITIGATION PROJECTS		Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Traffic Signal Warrants	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS12.	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Routes H-201 and 78), System Manager	The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.	N/A	L	N/A	H	L	L	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G104, G201-2, G301-2, G401	Add \$2.5M in FY14 to maintain the Freeway Management System's system manager and maintain and update necessary equipment.
OS13.	Freeway Service Patrol	Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.	N/A	L	N/A	H	L	H	N/A	N	N	N	Y	Y	Y	Y	Proj.4	G101-2, G201-2, G301-2, G401	The Freeway Service Patrol program has expanded and thus require more funds. Funding amounts have been changed to show \$3.5M in FYs 13-16.
OS23.	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.	N/A	L	N/A	M	L	M	N/A	N	N	N	N/A	Y	Y	Y	Proj.1 6	G101-2, G104, G201-2, G301-2, G401	
OS53.	Kamehameha Highway, Realignment, Vicinity of Kawaihoa Beach	Plan a new highway which would bypass 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, a total distance of approximately 4.2 miles.	N/A	L	N/A	M	L	L	N	N	N	N	N/A	Y	Y	Y	Obj.11	G101-2, G104, G201-2, G301-2, G401	
OS89.	Nimitz Highway (Route 92) and Honolulu Harbor Pier 19 Intersection Improvements	Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19 at Honolulu Harbor	N/A	L	N/A	M	L	L	N	N	Y	N	Y	Y	Y	Y		G101-2, G104, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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QS80.	Vanpool Program, Oahu	Encourage ridesharing during the peak commuting hours to reduce congestion by providing qualified users with a State-subsidized van.	N/A	L	N/A	H	L	H	N	N	N	N	N/A	Y	Y	Y	Proj. 7	G101-4, G201-2, G301-2, G401	
CITY & COUNTY OF HONOLULU - FHWA																			
OC5.	Computerized Traffic Control System	Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.	H	L	N/A	M	L	L	N/A	Y	N	N	Y	Y	Y	Y	Proj. 4	G101-2, G104, G201-2, G301-2, G401	<p>In FFY 2013-2016, revised costs to reflect anticipated costs. Revised locations in Phases 16-18. Phase 16 is now Wahiawa, formerly Makakilo Area. Phase 17 is now the Makakilo Area, formerly Nanakuli Area. Phase 18 (a new phase) is the Nanakuli Area. These phase revisions are necessary to correctly define locations of the projects.</p> <p>In FFY 2013, added \$1,000 for EQP to Phase 13 (Mililani Mauka Area). Deferred CON for Phase 14 (Mililani Part 1) from FFY 2013 to FFY 2016 because project is not ready-to-go. Also, deferred DES for Phase 17 (Makakilo Area), from FFY 2013 to FFY 2016 because project is not ready-to-go. Deferred \$4,211,000 for CON and \$1,000 for EQP from FFY 2016 to a future year. Deferred \$3,439,000 for Phase 16 (Wahiawa) CON from FFY 2015 to a future year.</p> <p>In FFY 2014, deleted DES (\$380,000) for Phase 18 (Nanakuli Area).</p>

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OC6.	Kapolei Parkway (Route 8920), Kunehi Street to Kamokila Boulevard	Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.	L	N/A	H	H	M	M	N/A	Y	N	Y	N/A	Y	Y	Y	Proj. 26	G101-4, G201-2, G301-2, G401	In FFY 2013, added \$2,200,000 (local) to CON for the Urban Core 4A: Kamaaha Intersection to reflect anticipated costs.
OC25.	Kuakini Street Extension	Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.	H	L	M	M	L	M	N/A	Y	N	N	N/A	Y	Y	Y	Obj.5	G101-4, G201-2, G301-2, G402	In FFY 2013, reduced CON by \$1,938,000 to reflect anticipated costs.
OC30.	Traffic Signal Maintenance Facility	Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.	M	L	N/A	N/A	L	M	N	N/A	Y	Y	Y	Y	Y	Y	Proj. 34	G101-4, G201-2, G301-2, G403	New project.
OC26.	Traffic Signal Optimization	Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.	L	L	L	H	H	M	N/A	N	N	N	N/A	Y	Y	Y	Proj. 39	G101-4, G201-2, G301-2, G404	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OC11.	Traffic Signals at Various Locations	Install, modify and upgrade traffic signals island wide, including 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 and coordination.	H	L	N	M	L	L	Y	N/A	Y	N	Y	Y	Y	Y	Proj.34	G101-4, G201-2, G301-2, G401	Deleted a few locations including: 1) Harding Avenue/4th Avenue in Phase 13, because St. Patrick's school's revised traffic pattern changes did not warrant signal work, 2) Kahuhipa Street/Kawa Street in Phase 15 due to it being not warranted based on traffic review and, 3) South King Street/Cooke Street in Phase 15 due to it not being warranted based on new signalization on South King Street and Kealamakai Street. Revised cost estimates to reflect anticipated costs. Phase 14: Added \$1,000 to PLN and \$334,000 to CON in FFY 2013. Phase 15: Decreased CON by \$1,000 in FFY 2014. Phase 16: Deleted PLN (\$1,000) in FFY 2014. Advanced DES from FFY 2014 to FFY 2013 and decreased by \$14,000. Added CON phase with funding in FFY 2015. Phase 17: Added \$1,000 to PLN and \$450,000 to DES in FFY 2014.
CITY & COUNTY OF HONOLULU - FTA																			
OC20.	Transfer to FHWA for Vanpool	Transfer FTA funds to FHWA for HDOT's Vanpool program.	L	L	L	H	L	H	N	N	Y	N	N/A	Y	N/A	Y	Proj.7	G101-4, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
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FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OAHU : STATE - FHWA																		
OS7.	Fort Barrette Road (Route 901), Widening, Farrington Highway (Route 9107) to Barber's Point Gate	Widen Fort Barrette Road to four lanes and construct other improvements, including right- and left-turn lanes, sidewalk, bikeway, highway lighting, drainage, traffic signals, landscaping, and other improvements.	N/A	L	H	H	L	M	N	N	Y	N/A	Y	Y	Y	Proj.12	G101-4, G201-2, G302, G401, G502	Defer \$23.8M of CON in FY16 to out years after program has been reprioritized and to financially constrain the STIP.
OS88.	Interstate Route H-1, Corridor Study	Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.	N/A	L	N/A	H	L	L		N		N/A	Y	Y	Y		G101-4, G201-2, G302, G401	
OS17.	Interstate Route H-1, Eastbound Improvements, Vicinity of Ola Lane to Vineyard Boulevard Off-Ramp	Construct an additional lane on Interstate Rte H-1 in the eastbound direction from the vicinity of Middle Street/Ola Lane to the vicinity of the H-1 Vineyard Boulevard off-ramp.	N/A	L	H	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.15	G101-2, G104, G201-2, G302, G401, G502	Defer this project from FY13 and FY14 to out of the 11-14 STIP. The priority for this project has dropped.
OS18.	Interstate Route H-1, Eastbound Improvements, Ward Avenue (Route 7511) On-Ramp to University Interchange	Improve the eastbound traffic flow from Ward Avenue to the University Interchange.	N/A	L	N/A	M	L	L	N	N	N	N/A	Y	Y	Y	Proj.23	G101-2, G104, G201-2, G302, G401, G502	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OS22.	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 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.	N/A	L	H	H	M	M	N	N	N	N/A	Y	Y	Y	Proj.14	G101-2, G104, G201-2, G302, G401	Redistribute advance construction reimbursement for Phase 2. Federal portion of NHS funds in FY13 has decreased from \$17.03M to \$5M. Advance construction reimbursement in FY14 has increased from \$7M to \$19.03M to financially constrain the STIP.
OS25.	Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I	This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele.	N/A	L	H	H	L	M	Y	N	Y	N/A	Y	Y	Y	Proj.19	G101-2, G104, G201-2, G302, G401, G502	
OS26.	Interstate Route H-1, Waiawa Interchange to Halawa Interchange, Widening, Eastbound	Widen H-1 Freeway to six lanes from Waiawa Interchange to Halawa Interchange in the eastbound direction, and restore current freeway lane width and shoulder standards. Project may be phased due to high cost.	N/A	L	H	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.45	G101-2, G104, G201-2, G302, G401, G502	
OS27.	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	Widen the westbound Waipahu off-ramp from one to two lanes.	N/A	L	H	H	L	L	N	N	N	N/A	Y	Y	Y	Proj.21	G101-2, G104, G201-2, G302, G401, G502	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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OS68.	Kamehameha Highway, Widening, Lanikuhana Avenue (Route 7042) to Ka Uka Boulevard (Route 7160)	Widen Kamehameha Highway to four lanes with shoulders for bike paths and disabled vehicles.	N/A	L	H	H	L	L	Y	N	N	N/A	Y	Y	Y	Proj.25	G101-4, G201-2, G302, G401, G502	
OS91.	Kualakai Parkway (Route 8930) Extension	Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.	N/A	L	H	H	M	L	N	N	N	N/A	Y	Y	Y	Proj.22	G101-2, G104, G201-2, G302, G401, G502	New project added with \$17M CON funds in FY15.
OS76.	North-South Road (Kualakai Parkway) (Route 8930), Kapolei Parkway (Route 8920) to Vicinity of the H-1 Freeway, Phase II	Phase IB consisted of constructing the interim roadway from Kapolei Parkway to Farrington Highway. Phase IC involved constructing the roadway from Farrington Highway to the H-1 Freeway, including a full diamond interchange at the H-1 Freeway. Phase II involves continuation of the build out of North-South Road to six (6) lanes.	N/A	L	H	H	L	H	Y	N	Y	N/A	Y	Y	Y	Proj.28	G101-2, G104, G201-2, G302, G401, G502	
OS81.	Vineyard Boulevard (Route 98), Improvements, Vicinity of Queen's Medical Center	Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.	N/A	L	N/A	M	H	M	N	Y	N	N/A	Y	Y	Y	Obj.9	G101-2, G104, G201-2, G302, G401	
CITY & COUNTY OF HONOLULU - FHWA																		
OC7.	Makakilo Drive (Route 8810) Extension	Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway	N/A	N/A	H	M	L	M	Y	N	N	N/A	Y	Y	Y	Proj.29	G101-4, G201-2, G302, G401, G502	Deleted the project from the 4-year TIP. Deferred and inflated CON (by 4% per year) from FFY 2014 to FFY 2015 for Phase 1. Also, deferred CON from FFY 2016 to a future year for Phase 2.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

ENHANCEMENT PROJECTS		Project Description	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OAHU : STATE - FHWA																
OS84.	Kalanianaʻole Highway Bicycle Improvements, Waimanalo Beach Park to Makai Pier	Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.	N	N	L	M	N	N	N	N/A	Y	Y	Y	Obj. 15	G101-3, G201-2, G301-2, G401	Environ documents are not completed. Defer and inflate STP Enhancement funds in FY14 from \$2.4M to \$2.453M in FY15. Earmark funds are deferred from FY14 to FY15, without inflation.
OS67.	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	Obj. 14	G301	
OS69.	Leeward Bikeway, Phase I, Waipio Point Access Road to Hawaii Railroad Society Train Station	Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 2	G101-4, G201-2, G301-2, G401	
OS70.	Leeward Bikeway, Phase II, Hawaii Railroad Society Train Station to Lualualei Naval Road	Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Lualualei Naval Road.	Y	N/A	L	M	N	N	N	N/A	Y	Y	Y	Proj. 2	G101-4, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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OS79.	Recreational Trails Program	A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.	N	Y	L	M	N	N	N	N/A	Y	Y	Y	Obj.14	G101-4, G201-2, G301-2, G401, G501	
CITY & COUNTY OF HONOLULU - FHWA																
OC3.	Bicycle Projects	This is an ongoing island wide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.	N	Y	L	L	Y	N	N	N/A	Y	Y	Y	Obj.15	G101-4, G201-2, G301-2, G401, G501	Added \$10,000 in FFY 2013 and FFY 2015 for new EQP phase. Added funding for new project area locations: King Street/McCully Street, Pearl Harbor Bike Path, UH/Waikiki Area, as well as funding for locations that have yet to be determined. Added Monsarrat Avenue to the 18th Avenue/Makapuu Avenue/Diamond Head Road Bike Improvements location, and revised the name of the location for clarity.Revised cost estimates to reflect anticipated costs. Kalaheo Avenue: Increased PLN and ROW by \$1,000 in FFY 2015 and FFY 2016. Kealaolu Avenue Shoulder Improvements: Increased CON by \$190,000 in FFY 2013 and by \$250,000 in FFY 2014. Diamond Head Road/Monsarrat Avenue/Makapuu Avenue/18th Avenue Bike Improvements: Increased CON by \$60,000 in FFY 2013 and increased ROW by \$1,000 in FFY 2014.Hamakua Drive Bike Improvements: Deferred CON from FFY 2014 to FFY 2015 and increased CON in FFY 2015 by \$384,000 because the project is not ready-to-go.Waialae Avenue Bike Lanes: Decreased CON by \$320,000 in FFY 2013 and added \$320,000 to CON in FFY 2014.

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)**

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OAHU : STATE - FTA														
OS85.	JARC (Small Urban)	Job Access & Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients& eligible low-income individuals & to transport residents of urbanized areas & nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low-income individuals to & from jobs and activities related to their employment & to support reverse commute projects. Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. There will be an annual “call for projects” to agencies on Oahu to submit proposals for the grant funds.	Y	L	H	N	N	N/A	Y	Y	Y	Obj. #5	G1O3, G3O2, G4O1, G5O1,2	Add \$140K of EQP/OPR funds in FY13. This is the last year of funding through this program and will be discontinued under MAP-21.

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)**

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
OS86.	New Freedom (Small Urban)	New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services. Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. There will be an annual "call for projects" to agencies on Oahu to submit proposals for the grant funds.	Y	L	H	N	N	N/A	Y	y	Y	Obj. #5	G103, G302, G401, G501,2	Add \$232K of EQP/OPR funds in FY13. This is the last year of funding through this program and will be discontinued under MAP-21.
CITY & COUNTY OF HONOLULU - FTA														
OC13.	Agency-Provided Trips	To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.	H	L	L	N	N	N/A	Y	Y	Y	Obj.5	G101-4, G201-2, G301-2, G402, G501, G503	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

TRANSIT PROJECTS		Project Description	Maintains Existing System	Completes Multi-Phase Project	Enhances Hub-and-Spoke System	Enhances Safety and Security	New Transit Service	Local Match In Year 1 Budget	Local Match Probable In Years 2,3 or 4 Budget	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	Revision #12
CITY & COUNTY OF HONOLULU - FHWA																
OC1.	Alapai Transit Center Multi-Use Path	Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.	N	Y	N	Y	N	Y	N	N/A	Y	Y	Y	Proj.1	G101-4, G201-2, G301-2, G401	
CITY & COUNTY OF HONOLULU - FTA																
OC14.	Bus and Handi-Van Acquisition Program	Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.	Y	N/A	N/A	N	N	Y	N/A	N/A	Y	Y	Y	Obj.2	G101-4, G201-2, G301-2, G401, G501	
OC27.	Bus Stop ADA Access Improvements	To modify bus stops in compliance to the Americans With Disabilities Act (ADA).	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Proj. 34	G101-4, G201-2, G301-2, G401	New project
OC28.	Bus Stop Pad Improvements	To construct bus pads at various locations to improve bus stops located in poor roadway conditions.	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Proj. 34	G101-4, G201-2, G301-2, G401	New project

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OC29.	Bus Stop Site Improvements	To improve bus stops, shelters, benches and other improvements at various locations.	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Proj. 34	G101-4, G201-2, G301-2, G401	New project
OC15.	Honolulu High-Capacity Transit Corridor 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.31	G101-4, G201-2, G301-2, G401, G502	
OC17.	Middle Street Intermodal Center	Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.	Y	Y	N/A	N	N	Y	Y	N/A	Y	Y	Y	Proj.33	G101-4, G201-2, G301-2, G401, G501	

**DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)**

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OC19.	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	Y	Y	Y	Y	Proj.34	G101-4, G201-2, G301-2, G401, G501	
OC21.	Transit Safety and Security Projects	Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.	Y	N	N/A	Y	N	Y	Y	Y	Y	Y	Y	Obj.6	G101-4, G201-2, G301-2, G401	
OC22.	West Oahu Bus and Handi-Van Maintenance Facility	Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.	Y	N	N	N	N	Y	N/A	N/A	Y	Y	Y	Proj.34	G101-4, G201-2, G301-2, G401, G501	Deleted funding for PLN, ROW, and DES in FFY 2013 because project is not ready to go. Reduced estimated total project cost by \$202,000.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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OC23.	Windward Transit Center	Plan, design, construct and inspect a transit center in Windward, Oahu.	N/A	N	Y	N	N	N/A	N/A	N/A	Y	N/A	Y	Proj.33	G101-4, G201-2, G301-2, G401	Deleted funding for PLN, ROW, DES, and INSP in FFY 2013 because project is not ready to go. Reduced estimated total project cost by \$178,000.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	HAWAII : STATE - FHWA											
HS42.	Bridge and Pavement Improvement Program, Hawaii	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	
HS3.	Crater Rim Road (NPS)	Rehabilitation and resurfacing of the westerly 5-miles of Crater Rim Road. It will also include rehabilitation or expansion of a number of parking areas within the park.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301, G401, G502	
HS5.	Hawaii Belt Road (Route 19), Bridge Repair and Painting, Umauma Bridge	Rehabilitate existing bridge.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	
HS6.	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoeohoe Stream Bridge	Rehabilitate existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	No executed contracted since there is no negotiated fee yet. Defer and inflate \$1.09M of ROW in FY14 to \$1.112M in FY15.
HS16.	Hilo Bayfront Highway (Route 19), Shoreline Protection	Construct groin fields in phases along Hilo Bayfront.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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HS19.	Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.	Y	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Defer and inflate \$2.08M of ROW in FY14 to \$2.12M in FY15. Defer and inflate \$10.4M of CON in FY15 to \$10.6M in FY16. This project has been reprioritized to financially constrain the STIP.
HS29.	Mamalahoa Highway (Route 11), Hilea Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	
COUNTY OF HAWAII - FHWA												
HC1.	Alii Drive (Route 186) Culvert Replacement	Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate Construction phase. DES mane need to be redone. Updated Construction estimate. ADV CON will be used to fund this project over at least 2 years.
HC5.	Bridge Inspection and Appraisal	Inspection of county-maintained bridges as required by FHWA.	N	N	L	M	N	Y	Y	N	G101-2, G201-2	
HC6.	Kaahakini Bridge Rehabilitation	Replacement of an existing bridge including transitional structures.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer Construction phase from 2013 to 2015. Update the construction estimate from \$2.25 million to \$2 million. This is a reprioritization of Hawaii County's program.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)												
HC7.	Kaiminani (Route 198) Roadway Improvements (Mamalahoa Highway (Rte 190) to Vicinity of Ahiahi Street	Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Add phase 2 fro mAhiahi Street to Kapuahi Street in 2013. Use ADV CON to fund this phase over 2 years.
HC8.	Kamehameha Avenue (Route 1910) Resurfacing, Wailoa Bridge to Ponahawai Street	Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	
HC15.	Manono Street (Route 2770) Roadway Improvements, Lanikaula Steet to Kekuanaoa Street	Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Refine CON estimate from \$5 million to \$4.5 million. Use ADV CON to fund this project over 2 years.
HC12.	Reed's Island Bridge Rehabilitation	Replacement of an existing bridge including transitional structures.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	
HC19	Waikaalulu Bridge Rehabilitation	Reinforce existing concrete superstructure with new horizontal members to support HL-93 loading as well as seismic retrofit measures to meet AASHTO standards	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	New Project added with Hawaii County's reprioritization of its fed aid program. DES in 2014 and CON in 2016.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Highway Safety Improvement Program	Rockfall Protection Study	Cost Participation	Project Stage	Gap Closure?	Mandated?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
Projects that mitigate high accident and hazardous sites, such as: - guardrail and shoulder improvement projects - rockfall and slope stabilization projects - street light pole replacement projects - emergency telephone projects - Intelligent Transportation System (ITS)			Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Does this project close a gap or connect missing links in a route?	Required by federal, state, or municipal laws, regulations or codes?				
	HAWAII : STATE - FHWA											
HS4.	Guardrail and Shoulder Improvements, Various Locations	Improve guardrail and shoulders.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	Reprioritized projects to constrain the STIP. Defer and inflate \$1M of DES in FY14 to \$1.02M in FY15.
HS40.	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including permanent mesh system on both sides of the roadway.	N	Y	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate. ROW maps will not be read in time to obligate construction funds in 2013. And use Advance construction funding to financially constrain the STIP.
HS7.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaumoali Bridge Towards Waipunahina Bridge	Improve guardrail and shoulders along Hawaii Belt Road from Kaumoali Bridge towards Waipunahina Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	
HS8.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	
HS10.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge	Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaumoali Bridge.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	
HS11.	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	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
HS12.	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paauilo Bridge	Improve guardrail and shoulders from Waipunahina Bridge to E. Paauilo Bridge.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
HS13.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.	N	Y	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate \$35M of CON in FY13 to \$36.5M in FY15. Defer \$5M of advance construction reimbursement in FY14 to FY16. Immediate safety improvements have been initiated while redesigning is ongoing.
HS14.	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch)	Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.	N	Y	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
HS38.	Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Vic. Of Laupahoehoe Gulch to at Kaawalii Gulch	Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches.	Y	N	L	H	N	N	Y	N	G101-3, G201-2, G301, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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SAFETY PROJECTS		Project Description	Highway Safety Improvement Program	Rockfall Protection Study	Cost Participation	Project Stage	Gap Closure?	Mandated?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
			Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Does this project close a gap or connect missing links in a route?	Required by federal, state, or municipal laws, regulations or codes?				
HS39.	Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road	Intersection improvements will be identified and considered by conducting a traffic signal warrent and consulting the HDOT Modern Roundabout Policy Guideline.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Increase CON estimate in FY13 from \$2.08M to \$4.7M, to reflect current estimate.
HS22.	Keaau-Pahoa Road (Route 130), Intersection Improvements at Paradise Drive, Orchidland Drive, and Ainaloa Blvd	Implement safety improvements at listed intersections.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	
HS30.	Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	Drainage improvements, including the installation of box culverts and raising of the roadway.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate \$5.841M of CON in FY13 to \$6M in FY14 since ROW maps are not yet available.
	COUNTY OF HAWAII - FHWA											
HC17.	Mamalahoa Highway Safety Improvements (Holouloa)	Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	New Project added with Hawaii County's reprioritization of its fed aid program. DES in 2014 and CON in 2016.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	HAWAII : STATE - FHWA												
HS34.	Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.	N	Y	L	H	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	
	COUNTY OF HAWAII - FHWA												
HC9.	Kawailani (Rte 2760)/Pohakulani/Ainaola (Rte 2750) & Kawailani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements, Phase 2	Installation of synchronized traffic signals at the Kawailani/Iwalani and Kawailani/Pohakulani intersections; including land acquisition, realignment of Ainaola Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.	N	N	L	M	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Advance to 2014 from 2015 and use ADV CON to fund over 2 years.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

MODERNIZATION PROJECTS		Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	HAWAII : STATE - FHWA												
HS1.	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.	N	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	
HS18.	Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles)	Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate \$3.25M of DES in FY13 to \$3.4M in FY15. Defer and inflate \$100K of PreROW in FY13 to \$104K in FY15. This project has been reprioritized to financially constrain the STIP.
HS20.	Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa, Phase 1	Improve traffic capacity, circulation and safety along Route 130.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate \$100K of PreROW in FY13 to \$102K in FY14. Defer and inflate \$1.8M of ROW in FY14 to \$1.9M in FY16. A consultant has been selected but the design contract has not been executed yet. May need to update EA.
HS41.	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion, Phases 1 & 2	Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.	Y	Y	L	M	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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HS24.	Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
HS26.	Kuakini Highway (Route 11) Widening, Henry Street (Rte 1830) to Kamehameha III Road (Rte 185), Phase 1	Widen Kuakini Highway from two to four lanes with culverts, traffic signals and utilities. Improve shoulders to accommodate pedestrian and bicycle traffic.	Y	N	L	L	Y	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
HS28.	Kumau Street Improvements, Hilo (Harbors Division)	Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.	N	N	L	L	N	Y	N	Y	N	G101-4, G201-2, G301-2, G401	
HS32.	Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.	Y	N	L	L	Y	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Change Phase 1 to Phase 2. Defer \$50K of PreROW in FY13 to FY15.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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HS33.	Puainako St (Rte 2000) Widening and Realignment, Kanoielehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kilauea (Rte 1920) Kanoielehua Ave (Rte 11)	Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.	Y	N	L	L	Y	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Change Phase 2 to Phase 1. Delete \$1.6M of DES since it was already fully funded for the entire project. Defer \$50K of PreROW in FY13 to FY15. Defer and inflate \$1M of earmark funds for ROW in FY14 to FY15. Defer and inflate \$5.1M of ROW in FY14 to \$5.2M in FY15. This project has been reprioritized to financially constrain the STIP.
HS35.	Queen Kaahumanu Highway (Route 19) Widening Keahole Airport to Kawaihae Harbor	Conduct planning and environmental study to assess alternatives and impacts to widening Queen Kaahumanu Highway from 2 to 4 lanes from Keahole Airport to Kawaihae Harbor.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	This project has been reprioritized to financially constrain the STIP so deferring \$4.87M of PLN in FY16 to out years.
HS36.	Saddle Road Extension	New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Adding \$5.2M of advance construction reimbursement in FY14 to financially constrain the STIP.
HS37.	Saddle Road (Route 200) Improvements, Phase 2D: East Side Grade & Pave, MP 6 to 11; West Side, MP 42 to Mamalahoa Hwy	Widen and/or realign the existing two-lane highway.	Y	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
COUNTY OF HAWAII - FHWA													

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19)	Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph 1, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kam III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen K.	Y	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Delete planning funds. Already funded. Defer and inflate DES funds to 2016. Add ROW funds in 2016. Defer CON funds to out years. EIS Re-evaluation is needed.
HC10.	Kuakini Highway (Route 1100) Widening, Hualalai Road (Route 1880) to Alii Highway	Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer CON to out years. Add DES to be federalized in 2016.
HC11.	Mamalahoa Highway (Route 19) Widening (Mudlane to North Hawaii Community Hospital)	Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.	Y	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	Use all local funds to fund ROW acquisition. Advance the Construction of phase 1 to 2014.

DEPARTMENT OF TRANSPORTATION
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FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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ENHANCEMENT PROJECTS Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities 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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
HAWAII : STATE - FHWA											
HS2.	Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
HS25.	Kuakini Highway (Route 11) Bicycle Improvements, King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
HS31.	National Recreational Trails Program - Hawaii (DLNR)	A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.	N	L	L	N	N	Y	N	G101-3, G201, G301-2, G401-2, G502	
COUNTY OF HAWAII - FHWA											
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187), Phases 1 & 2	Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate DES and ROW. Defer Con to out years. Section 7 and Section 106 processes have just started.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
HC18	Waianuenue Avenue (Route 2720) Improvments, Rainbow Drive to Akolea Road	Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.	N	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	New Project

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	COUNTY OF HAWAII - FTA												
HC13.	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	Add new EQP/OPR funds due to MAP-21. Add \$521K in FY13, \$537K in FY14, \$554K in FY15, \$570K in FY16.
HC14.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Reflect revised EQP/OPR estimates from MAP-21. Increased FY13 from \$894K to \$1.069M; FY14 from \$919K to \$1.069M, FY15 from \$944K to \$1.101M; FY16 from \$969K to \$1.134M.
HC16.	State of Good Repair	<p>Purchase buses and construct a one stop transit facility.</p> <p>The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.</p>	Y	N	Y	Y	Y	Y	N	Y	N	G101-3, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
MAUI : STATE - FHWA												
MS36.	Bridge and Pavement Improvement Program, Maui	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	
MS37.	Hana Highway Historic Bridge Preservation Plan	Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.	Y	N	L	L	N	N	Y	N	G101, G201-2, G301, G502	
MS5.	Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge	Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$808K of ROW in FY13 to \$825K in FY14. Scope is being reassessed and environmental documents are not complete. ROW cannot be obligated until environmental documents are done.
MS31.	Honoapiilani Highway (Route 30), Shoreline Improvements, Vicinity of Olowalu	Shoreline protection for approximately 1000 feet of Highway on the west side of Hekili Point.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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MS34.	Honoapiilani Highway (Route 30), Shoreline Protection at Launiupoko	Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Delete this project since these improvements have already been funded with all local money. Delete \$3.245M of CON in FY14.
MS12.	Kahului Beach Road (Route 3400), Shoreline Protection, Kahului Bay (#1)	Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	Defer and inflate \$1.9M of CON in FY13 to \$1.975M in FY15. The project has been assigned to a new project manager and a design contract has not yet been executed.
MS15.	North Kihei Road (Route 310), Shoreline Protection, Vicinity of Kealia Pond (#6)	Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.	N	N	L	L	N	N	Y	N	G101-2, G201-2, G301	
MS19.	Waiehu Beach Road (Route 3400), Bridge Rehabilitation, Iao Stream Bridge	Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	
MOLOKAI												
MS21.	Kamehameha V Highway (Route 450), Bridge Rehabilitation, Kaimiloloa Stream Bridge	Rehabilitation of the existing bridge to meet current bridge standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	
MS22.	Kamehameha V Highway (Route 450), Bridge Replacement, Makakupaia Stream Bridge	Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94, Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)												
MS23.	Kamehameha V Highway (Route 450), Shoreline Protection, Vicinity of Niaupala Fishpond	Construct a revetment for the reconstruction and protection of the highway shoulder.	N	N	L	L	N	N	Y	N	G101-2, G201-2, G301	
COUNTY OF MAUI - FHWA												
MC50.	Baldwin Avenue (RTE 390) Resurfacing, Ph 1, Makawao Ave to Haliimaile Road	Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles	N	Y	L	M	N	N	Y	N	G101-2, G201, G301	Increase CON estimate in FY13 from \$1.6M to \$2.2M. Add Phase 2 - Haliimaile Road to Hana Hwy with \$200K (all local) of DES in FY13 and \$4.8M of CON in FY16.
MC41.	Bridge and Pavement Improvement Program, Maui (County)	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	
MC3.	Bridge Inspection and Appraisal	Inspection of county-maintained bridges as required by FHWA.	Y	N	L	M	N	Y	Y	N	G101-2, G201-2	
MC4.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Haleakala Highway to Baldwin Avenue	Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.	N	Y	L	H	N	N	Y	N	G101, G102	
MC42.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.	N	Y	L	H	N	N	Y	N	G101, G102	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
MC5.	Hansen Road Pavement Reconstruction, Hana Highway to Puunene Avenue	Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Advance \$3.666M of CON from FY15 to FY14 to reflect current project schedule.
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction, Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Hina Papa Avenue (MC9)	Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	
MC43.	Kahananui Bridge Replacement (Lower Honoapiilani Road - RTE 3080)	Replace existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$3.4M of CON in FY13 to \$3.47M in FY14. Will need go through condemnation process, which can be very lengthy.
MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$4.264M of CON in FY13 to \$4.35M in FY14. Archaeological and biological research is delayed. Currently no ROW access rights.
MC8.	Kahekili Highway (Route 3405) Resurfacing, North Market Street to Waiehu Beach Road	Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	
MC38.	Kaholopoo Bridge Replacement (Route 360)	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	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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MC9.	Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Hina Avenue	Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	
MC11.	Kaupakalua Road (Route 365) Resurfacing, Hana Highway to Makawao Avenue	Resurface Kaupakalua Road from Hana Highway to Makawao Ave. Approximately 6.4 miles.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Delete project. Delete \$4.621M of CON in FY16.
MC13.	Koukouai Bridge Modifications (Hana Highway - Route 360)	Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$5.948M of CON in FY14 to \$6M in FY15. Procurement of permits are behind schedule.
MC14.	Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100)	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	
MC39.	Lahaina Watershed Flood Control Project, Phase 2	Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean.	N	N	L	H	N	N	Y	N	G101-2, G201-2, G301-2, G401	
MC15.	Lelekea Bridge Replacement (Hana Highway - Route 360)	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	
MC52.	Lono Avenue (Route 3950) Pavement Rehabilitation, Phase 2, Laau Street to Makalii Street	Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301-2, G401	New project. Add \$40K of DES in FY13 and \$850K of CON in FY13.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)												
MC18.	Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road	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	
MC21.	Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School	Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	
MC22.	Makawao Avenue - Makani Road (Route 3630) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.	N	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502	
MC53.	Old Haleakala Hwy (Rte 367) and Makani Rd (Rte 3630) Resurfacing, Aeloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	Resurface pavement on Old Haleakala Highway from Aeloa Road to Makawao Avenue and on Makani Road from Old Haleakala Bypass. Including pavement striping and marking and utility adjustments. Total length is 1.7 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	New project. Add \$2.2M of CON in FY13.
MC44.	Papa Avenue (RTE 3910) Pavement Rehabilitation, Puunene Avenue to Kaahumanu Avenue	Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Advance \$4.925M of CON from FY14 to FY13. Design and permitting process are ahead of schedule.
MC28.	Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street	Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	

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MC45.	South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Increase cost estimate to reflect current estimate; \$2.08M to \$3.29M in FY13.
MC32.	Waiko Road Improvements, Kuihelani Highway to Waiale Road	Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301-2, G401	
MC33.	Waiohonu Bridge Replacement (Hana Highway - Route 360)	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	
MC54.	Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr (Rte 3137) Pavement Rehabilitation, Okolani Dr to Wailea Ike Dr & Piilani Hwy to Wailea Alanui Dr	Rehabilitate pavement on Wailea Alanui Drive and Wailea Ike Drive from Okolani Drive to Wailea Ike Drive and Piilani Highway to Wailea Alanui Drive. Includes striping and marking, signage and safety improvements. Approx 1.4 miles.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301, G401	New project. Add \$2.2M of CON in FY13.
MC51.	Wakea Avenue (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waiale Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.	N	Y	L	M	N	N	Y	N	G101-2, G201, G301	
MC47.	Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue	Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	Advance \$3M of CON from FY13 to FY12. Project was obligated in FY12.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
MAUI : STATE - FHWA												
MS1.	Guardrail and Shoulder Improvement Program at Various Locations, Maui, Parts 1 & 2	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
MS30.	Honoapiilani Highway (Route 30), Safety Improvements at Kaanapali Parkway and Halelo Street	Install flashing beacon on Honoapiilani Hwy. as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Increase CON estimate in FY13 from \$227K to \$910K to reflect a more current estimate.
MS8.	Honoapiilani Highway (Route 30), Safety Improvements, Vicinity of Kapoli Street to Papalaua Beach Park	Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate \$3.05M of CON funds in FY13 to \$3.11M in FY14 since the Section 106 process has not started yet.

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MS32.	Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420)	Improve lighting along Kahului Beach Road and Kanaloa Avenue.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate \$563K of CON in FY13 to \$575K in FY14. ROW is still being worked on.
MS33.	Puunene Avenue (Route 3500), Safety Improvements, Kaahumanu Ave. (Route 32) to Kamehameha Ave. (Route 3940)	Install two-way left turn lanes on Puunene Avenue from Kaahumanu Avenue to Kamehameha Avenue.	Y	N	L	M	N	N	Y	N	G101-4, G201-2, G301, G401, G502	Defer and inflate \$562K of CON in FY13 to \$585K in FY15. This CON phase will be combined with the CON phase for MS18, so this CON phase is being deferred to match the CON phase for MS18.
MOLOKAI												
MS20.	Guardrail and Shoulder Improvements Program at Various Locations, Molokai, Parts 1, 2 & 3	Improve guardrail and shoulders.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Defer and inflate \$750K of CON for Part 2 in FY13 to \$765K in FY14 since funding in FY13 is not needed. There is already enough funding in 2013 to address planned needs.

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	COUNTY OF MAUI - FHWA												
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	Traffic signal installation, intersection improvements, curb ramp improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	
MC17.	Lono Avenue (Route 3950) Traffic Signal Improvements at Papa Avenue (Route 3910)	Traffic signal system, related intersection improvements, utility relocations, curb ramp improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete project. Delete \$2.596M of CON in FY14. Project has been re-prioritized.
MC25.	Mill Street (Route 3840) Traffic Signal at Imi Kala Street	Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	
MC27.	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	

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MC46.	South Kihei Road (RTE 3100) Traffic Signal Modernization, Lipoa Street to Piikea Avenue	Traffic signal modernization to include wireless interconnectivity among three sepearate traffic signal systems.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate \$840K of CON in FY13 to \$855K in FY14. Project has been reprioritized to financially constrain the STIP.
MC31.	Waiale Road (Route 3180) Traffic Signals at Waiinu Road	Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Defer and inflate \$780K of CON in FY13 to \$810K in FY15 since Section 106 process is still ongoing.
MC35.	Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.	N	N	L	L	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	

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MODERNIZATION PROJECTS		Project Description	Congestion Management System	Highway Safety Improvement Program	Cost Participation	Project Stage	Traffic Signal Warrants	Gap Closure?	Mandated?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects			Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	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	High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Traffic signal project meets the criteria in the Traffic Signal Warrants	Does this project close a gap or connect missing links in a route?	Required by federal, state, or municipal laws, regulations or codes?				
	MAUI : STATE - FHWA												
MS4.	Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) to Vicinity of Airport Access Road	Widen Hana Highway.	Y	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
MS7.	Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Hokiokio Place to Relocated Southern Terminus	Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate \$2M of DES in FY14 to \$2.04M in FY15. Section 106 process has not yet begun.
MS9.	Honoapiilani Highway (Route 30) Widening and/or Realignment, Phase IC, Keawe Street Extension to Kaanapali Connector	Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.	Y	N	L	M	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
MS10.	Honoapiilani Highway (Route 30) Widening, Maalaea to Launiupoko	Improvements to Honoapiilani Hwy between Maalaea and Launiupoko to address high ocean surges crossing portions of the hwy, traffic accidents & fire hazards. Improvements may involve widening portions of the existing hwy and/or constructing a new hwy along a different alignment. Planning phase to determine the scope of the improvements is underway.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	

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FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
MS11.	Kahului Airport Access Road (Route 3800)	Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.	Y	N	L	M	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Redistribute advance construction reimbursement funds. Reimbursement in FY13 decreased from \$27.66M to \$17.66M. Added \$10M of advance construction reimbursement in FY14.
MS16.	Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park)	Plans for alternative traffic improvements in the vicinity of Paia town.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
MS35.	Piilani Highway, Traffic Operational Improvements at Ohukai Road	Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rearranging the traffic signals.	N	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	
MS18.	Puunene Avenue (Rte 3500) Widening, Kaahumanu Avenue (Rte 32) to Kuihelani Highway (Route 380), MP 0.46 to 1.09	Widen Puunene Ave. Install two-way left turn lanes on Puunene Ave from Kaahumanu Ave to Kamehameha Ave. Create bicycle route/lanes on Puunene Ave from Kaahumanu Ave to Kuihelani Hwy, as called for in Bike Plan Hawaii.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer and inflate \$32K of PreROW in FY13 to \$33K in FY14. This DES is being combined with DES for MS33. A design contract is currently being negotiated.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

ENHANCEMENT PROJECTS Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities 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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
MAUI : STATE - FHWA											
MS2.	Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas	Improve Haleakala National Park Access Road to accommodate bicyclists.	Y	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
MS3.	Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Dairy Road (Route 380) to Naniloa Overpass	Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.	Y	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
MS14.	National Recreational Trails Program - Maui (DLNR)	A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.	N	L	L	N	N	Y	N	G101-3, G201, G301-2, G401-2, G502	
MS17.	Puunene Avenue (Route 3500) Bicycle Improvements, Kaahumanu Avenue (Route 32) to Kuihelani Highway (Route 380)	Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii.	N	L	M	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
COUNTY OF MAUI - FHWA											
MC34.	Waipuilani Bikepath	Construct bikepath on beach reserve, from Kulanihako Street to Waipuilani State Park. Approximately 0.5 miles.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate \$1.664M of CON in FY14 to \$1.73M in FY16. ROW acquisition and Section 106 process are still ongoing.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
MAUI : STATE - FTA													
MS24.	Lahaina Small Boat Harbor and Ferry Pier	New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.	Y	N	Y	Y	Y	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	Add last additional funding from SAFETEA-LU. In FY13, add \$1.375M for DES and \$8.006M in for CON. In FY14, add \$8.494M for CON.
MS25.	Improvements at Maalaea Small Boat Harbor, Ferry System Improvements	Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.	Y	N	Y	Y	N	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	
MS26.	Maalaea Small Boat Harbor Improvements	Planning for improvements to the South Mole to accommodate the increased need to facilitate ferry passenger drop-off and loading due to limited existing parking.	Y	N	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	
MOLOKAI													
MS27.	Kaunakakai Harbor Ferry System Improvements	Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.	Y	N	Y	Y	Y	Y	N/A	Y	N	G101-3, G201-2, G301-2, G401	
LANAI													
MS29.	Manele Small Boat Harbor Ferry Pier	New ferry pier, loading dock and related improvements.	Y	N	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	
COUNTY OF MAUI - FTA													
MC36.	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	Add new EQP/OPR funds due to MAP-21. Add \$670K in FY13, \$689K in FY14, \$710K in FY15, \$731K in FY16.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
MC37.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Reflect revised EQP/OPR estimates from MAP-21. Increased FY13 from \$894K to \$1.038M; FY14 from \$919K to \$1.069M, FY15 from \$944K to \$1.101M; FY16 from \$969K to \$1.134M.
MC40.	Bus and Bus Facility	Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	
MC48.	Veterans Transportation and Community Living Initiative	Purchase software for a one-call-one-click system	Y	N	Y	Y	N	N	Y	Y	N	G101-3, G201-2, G301-2, G402	
MC49.	State of Good Repair	Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.	Y	N	Y	Y	N	N	Y	Y	N	G101-3, G201-2, G301-2, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service													
MC55.	Urbanized Area	Capital purchases, operating costs and planning											New Project that adds EQP/OPR funds -- \$1.288M in FY13, \$1.326M in FY14, \$1.366M in FY15 and \$1.407M in FY16.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SYSTEM PRESERVATION PROJECTS		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
KAUAI: STATE - FHWA												
KS25.	Bridge and Pavement Improvement Program, Kauai	System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available.	Y	Y	L	H	N	N	Y	N	G101-3, G301-2, G401	
KS2.	Kapule Highway / Rice Street / Waapa (Route 51) Road Improvements and Nawiliwili Bridge Replacement	Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	
KS4.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Bridge No. 7E	Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301, G401	
KS27.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Hanapepe Bridge	Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	
KS5.	Kaumualii Highway (Route 50), Bridge Rehabilitation, Omao Bridge	Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$104K of ROW in FY13 to \$106K in FY14. EA won't be ready this FY to allow for ROW acquisition.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

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KS11.	Kuhio Highway (Route 56), Bridge Replacement, Kapaia Bridge	Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$759K of ROW in FY13 to \$775K in FY14 since EA won't be ready this FY to allow for ROW acquisition.
KS13.	Kuhio Highway (Route 560), Bridge Rehabilitation, Waioli, Waipa, and Waikoko Stream Bridges	Rehabilitate existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401	Defer and inflate \$562K of ROW in FY13 to \$573K in FY14. Awaiting DES contract execution. Decrease federal portion of CON in FY15 from \$6.8M to \$1M since we intend on using \$5.8M of advance construction reimbursement in FY16.
KS24.	Kuhio Highway (Route 560), Shoreline Protection, Vicinity of Hanalei Bay	Construct revetment to protect about 1,600 feet of highway on the extreme west side of Hanalei Bay that is subject to seasonal wave attack.	N	N	L	M	N	N	Y	N	G101-2, G201-2, G301	
KS28.	Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50)	Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.	N	Y	L	L	N	N	Y	N	G101-2, G201, G301	Decrease federal portion of CON in FY12 from \$8M to \$1M. Add \$7M of advance construction reimbursement in FY14.
COUNTY OF KAUAI - FHWA												
KC2.	Bridge Inspection and Appraisal	Inspection of various bridges throughout the County. FHWA Requirement.	N	N	L	M	N	Y	Y	N	G101-2, G201-2	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

SAFETY PROJECTS		Project Description	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program	Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	KAUAI : STATE - FHWA											
KS1.	Guardrail and Shoulder Improvements on State Highways, Kauai, Parts 1, 2 & 3	Improve guardrails and shoulders at various locations.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
KS9.	Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout	Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
KS20.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.	N	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	
KS17.	Kuhio Highway (Route 560) Safety Improvements, Hanalei Bridge to Waikoko Bridge	Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.	Y	N	L	H	N	N	Y	N	G101-3, G201-2, G301, G401	
KS22.	Maalo Road (RTE 583), Guardrail and Shoulder Improvements, MP 0 - MP 3.92	Remove existing guardrail, install new guardrail and construct end treatments.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	
	COUNTY OF KAUAI - FHWA											

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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KC4.	Hardy Street (Route 572) Improvements	Safety imprvmnts including reconstruction & widening of traffic lanes, construction of turning lanes, sidewalks, drainage inlets and culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping & other roadway improvements. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.	N	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401	Decrease federal portion of CON in FY12 from \$5.6M to \$3.15M. Add \$2.45M of advance construction reimbursement in FY13 to fund this project.
KC20.	Koloa Road Safety Guardrail and Safety Improvement	Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).	Y	N	L	L	N	N	Y	N	G101-3, G201-2, G301, G401	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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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 SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	KAUAI : STATE - FHWA												
KS19.	Kuhio Highway (Route 56) Intersection Improvements at Leho Street (N)	Implement intersection improvements on Kuhio Highway at Leho Street to improve safety and operational efficiency.	N	Y	L	L	N	N	N	Y	N	G101-4, G201-2, G302, G401, G502	Delete \$416K of CON in FY13. This project will be done using all local funds.

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

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KAUAI : STATE - FHWA													
KS6.	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd, Phase IB	Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Decreased federal portion for CON in FY16 from \$14.72M to \$7M since we intend to use advance construction reimbursement in out years.
KS16.	Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Defer \$100K of PreROW in FY15 to out years.
KS24.	Puhi-Hanamaulu, Alternate Route	Conduct planning/environmental study to assess alternatives and impacts to developing an alternative route from Puhi to Hanamaulu.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502	Delete \$4.325M of PLN funds in FY16 since Kauai County will be taking on this project.
COUNTY OF KAUAI - FHWA													
KC19.	Kauai County Multi-Modal Transportation Plan	A multi-modal land transportation plan for the island of Kauai that considers the communities land transportation needs and priorities in a comprehensive approach that includes transit, bicycle, pedestrian, vehicle and freight modes of transportation. The regional land transportation network to be considered includes the County and State systems.	N	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G501-3	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : FINANCIALLY CONSTRAINED
FFY 2011 THRU 2014 (FFY 2015-2016 Informative Only)

Click here to access the FFY 11-14(+2) STIP document: <http://hidot.hawaii.gov/highways/files/2013/01/stip-Revision-12a.pdf>

ENHANCEMENT PROJECTS Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities 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 SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code	Revision #12
KAUAI : STATE - FHWA											
KS26.	Kapaa Roundabout Beautification	Beautify current roundabout landscape using community based design.	Y	L	M	N	N	Y	N	G101, G502	
KS23.	National Recreational Trails Program - Kauai (DLNR)	A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.	N	L	L	N	N	Y	N	G101-3, G201, G301-2, G401-2, G502	
COUNTY OF KAUAI - FHWA											
KC1.	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
KC8.	Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)	Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502	
KC9.	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phases B, & C & D	Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - starts at the S side of a vacant lot N of Kauai Coast Resort at the Beachboy & continues to the N side of Waipouli Canal at Kuhio Hwy.	Y	L	H	N	Y	Y	N	G101-4, G201-2, G301-2, G401-2, G502	Defer and inflate \$260K of ROW from FY12 to \$265K in FY13. Defer and inflate \$1.56M of CON in FY13 to \$1.59M in FY14. EA and FONSI will not be ready for ROW phase since a new 106 process is underway.

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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 Possible in Years 2, 3 or 4 Budget	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	Revision #12
	COUNTY OF KAUAI - FTA		Does it maintain and operate existing fixed route bus and complementary paratransit system?	Does it complete a multi-phase project that has started?	Does it enhance system performance through implementation of hub-and-spoke system?	Does it enhance safety/security of passengers and the system and enhances service quality level?	Local Match in Year 1 Budget						
KC16.	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	Add new EQP/OPR funds due to MAP-21. Add \$521K in FY13, \$537K in FY14, \$554K in FY15, \$570K in FY16.
KC17.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401	Reflect revised OPR estimates from MAP-21. Increased FY13 from \$760K to \$882K; FY14 from \$781K to \$909K, FY15 from \$803K to \$936K; FY16 from \$824K to \$964K. Reflect revised EQP estimates from MAP-21. Increased FY13 from \$134K to \$156K; FY14 from \$138K to \$160K, FY15 from \$141K to \$165K; FY16 from \$145K to \$170K.

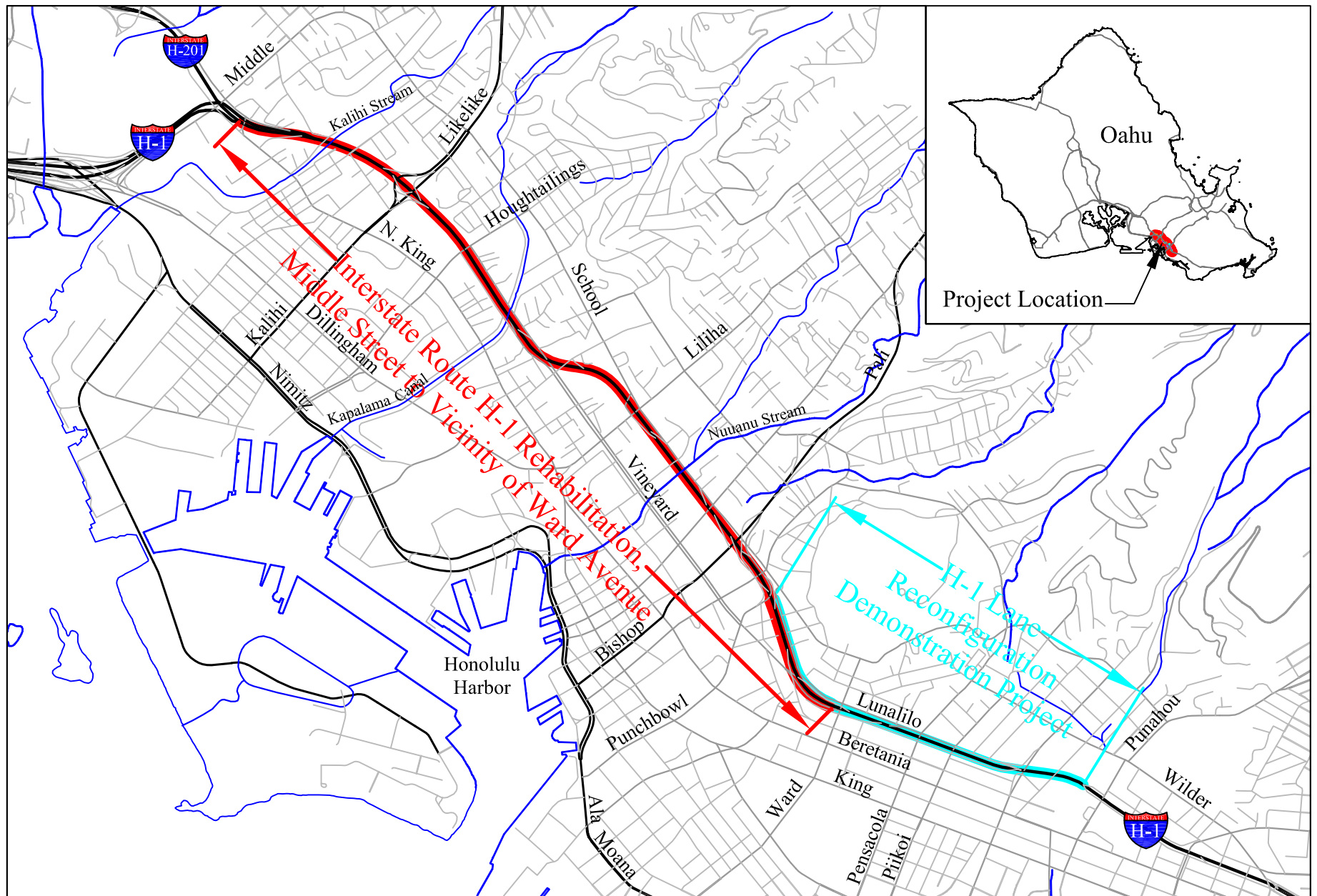
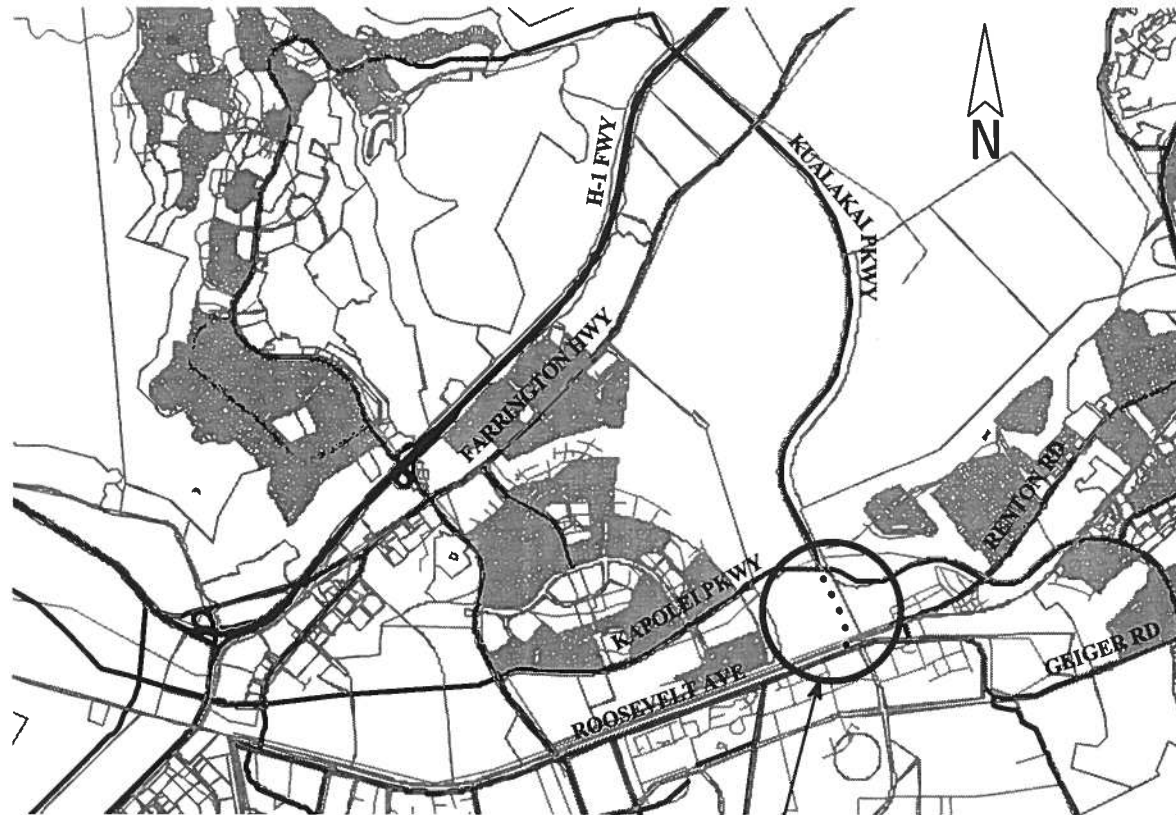


Figure 1: Project Location

Interstate Route H-1 Rehabilitation, Middle Street to Vicinity of Ward Avenue
State of Hawaii Department of Transportation, Highways Division

TRN 501

SP0905



KUALAKAI PARKWAY EXTENSION



OS91

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**KUALAKAI PARKWAY EXTENSION
KAPOLEI PARKWAY TO ROOSEVELT AVENUE**

ISLAND OF OAHU
DISTRICT OF EWA