

VI. Prioritization and Selection of Projects

VI. PRIORITIZATION AND SELECTION OF PROJECTS

The selection of projects and programs for inclusion in the STIP underwent a multi-step process. First, a financially unconstrained list of eligible projects was developed statewide as a result of the Call for STIP Projects that was initiated in November of 2009. This list represented a “wish list” of ready to go projects that sponsoring agencies needed /wanted to implement within the next STIP timeframe. There were more needs than funds. The list needs to be financially constrained. The Code of Federal Regulations (23 CFR 450.216(m)) requires that the STIP be a financially constrained document (see Section VII - Financial Plan).

STIP procedures require that each project:

1. Meets the eligibility criteria to qualify for the federal funding category identified in the STIP;
2. Complies with obligation requirements in compliance with AASHTO standards;
3. Reflects priorities set by adopted long-range regional transportation plans and established management systems;
4. Has a committed local match or reasonable expectation thereof at the time of obligation;
5. Meets obligation requirements by the end of the programmed federal fiscal year. “Ready-to-go”;
6. Reflects administrative guidelines and directives developed at the national, state and local levels as appropriate.

The first step in financially constraining the STIP was to determine **project eligibility**. The majority of projects submitted were eligible, but a few were not and were the first to be cut from the program.

When projects were submitted to HDOT from the counties, it was requested that the state district engineers and county counterparts would get together and develop a **composite list of prioritized state and county projects** for each island/county. This would be distinctly **separate from state and county prioritization of its own individual projects**. This is where the financial constraint process really began; giving the state and county highway program managers on each island the most weight to determine what was most important in their county.

At the first round of public informational meetings on the neighbor islands, people in attendance were asked to fill out a **STIP project priority survey**. This survey asked them to identify the highway projects in their county that they felt were of “high” priority, “medium” priority and “low” priority. These surveys were tallied to portray a

sense of what the public felt were the more immediate needs in each county. The surveys were also available to download from the HDOT STIP website. Comments that were submitted through email or mail that indicated a preference of priority were also tallied and considered. More merit was given to retain funding in place for highway projects that had substantial island-wide support. Less merit was given for projects that were substantially not supported by the public.

Specifically for FHWA funded projects, to help strike a balance between the various types of projects (i.e. maintenance, safety, capacity, etc.) in the overall statewide highway program, a **project evaluation criteria methodology** was created as a tool to look at the status of STIP projects and help to develop a different perspective for the priority each project has. Criteria were developed to compare projects in seven separate categories:

1. System Preservation projects
2. Safety projects
3. Congestion Mitigation projects
4. Modernization projects
5. Enhancement projects.
6. Human Services
7. Transit

Slightly different criteria were applied to projects on the Oahu TIP than for projects throughout the rest of the state. Oahu projects are subject to metropolitan planning requirements, implemented through the Oahu Metropolitan Planning Organization (OahuMPO).

Human Services Transportation Programs and Transit projects were also analyzed using specific project criteria methodology, but **no comparisons were made between FHWA and FTA** projects since they are funded by two separate funding sources.

Results of this evaluation, compiled in a chart form are also attached.

Finally, in addition to the above, through agency coordination and public involvement, in October 2008, the Highways Division adopted a **guideline** for project selection and program prioritization. The general guideline emphasizes specific safety and system preservation efforts.

Highways Division Project Prioritization Guideline

The following categories are used to determine overall CIP project priorities for the Highways Division. The overall method is **not absolute** and is subject to some intangible adjustments.

First Priority

1. American Disability Act (ADA) and Environmental Protection Agency (EPA) Compliance Projects

2. Safety Projects
 - a. Hazard Elimination Program
 - b. Guardrail Installation
 - c. Rockfall/Slope Stabilization Mitigation
 - d. Emergency Telephones
3. System Preservation Projects
 - a. Shoreline Protection
 - b. Drainage Improvements
 - c. Bridge Program – Bridge Replacement; Bridge Rehabilitation/Widening; Seismic Retrofit; Bridge Lead Abatement; Bridge Repairs; Tunnel Repair
 - d. Roadway upgrades (no additional capacity)
 - e. Street Light Replacement
 - f. Retaining Walls
 - g. Shoulder Improvements and/or stabilization
 - h. Pavement upgrades/preservation

Next Priority

1. Congestion Relief Projects
 - a. Traffic Signal Upgrades
 - b. Operational Improvements (intersection improvements)
 - c. Intelligence Transportation System (ITS)
 - d. Other miscellaneous congestion relief (such as signal optimization)
2. Modernization Projects
 - a. Interim Capacity Improvement (road widening)
 - b. Regular or New Capacity Improvement (new roads or major widening)

Other Priority

1. Highway Planning and Research
2. Non-highway Improvements (baseyards/maintenance facilities, buildings, etc.)
3. Bicycle/ Pedestrian Facilities
4. Beautification/Landscaping
5. Other miscellaneous projects

Projects within each of the sub-category are further prioritized based on inventory and analysis, management systems and various studies.

Other Factors

1. Commitments by current or past administrations
2. Legislative requests
3. Requests or directives by administration
4. Project cost / Optimizing implementation given available funding
5. Lapsing funds

With these many prioritization and selection factors in mind, the information and guidance gathered from the project criteria, the priorities submitted by the counties and the districts and through the public involvement process was then used to shape the statewide needs and produce the final financially constrained FFY 11-14 (+2) STIP.

**DEPARTMENT OF TRANSPORTATION
HAWAII STATE TRANSPORTATION PLAN**

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

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

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code
STATEWIDE - FHWA											
S2.	Bridge Inspection and Appraisal	Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.	N	N	L	H	N	Y	Y	N	G101-2, G201-2
S4.	Highway Research and Development Program	Supplement the Statewide Planning and Research Program.	N	N	L	H	N	N	Y	N	G101-2, G104, G201-2, G501
S6.	Highway Shoreline Protection, Statewide	Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.	N	N	L	M	N	N	Y	N	G101, G201, G501
S7.	Hawaii Statewide ITS Architectural Plan	Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).	N	N	L	L	N	N	Y	N	G101-2, G104, G201-2, G302, G401, G501

Statewide - System Preservation Projects

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S14.	Statewide Pavement and Bridge Preservation Program	System maintenance of highway pavements to extend the life of existing pavements to prevent the shorter term need for full reconstruction. Also to include bridge preservation work to extend the life of existing bridge structures without having to fully reconstruct the structure.	Y	Y	L	H	N	N	Y	N	G101-2, G201-2, G301-2, G401, G501
S15.	Statewide Signing, Striping and Pavement Marking Program	System maintenance to upkeep traffic control devices such as highway signing and striping.	N	Y	L	H	N	N	Y	N	G101-2, G201-2, G301-2, G401-2, G501

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SAFETY PROJECTS 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)		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
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
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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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 Transportational Plans	HSTP Goals and Objectives Code
	STATEWIDE - FHWA											
S18.	Van Pool Program	Van Pool program funding, statewide.	N	N	L	M	N	N	N	Y	Y	G101-4, G201-2, G301-2, G402, G501-2

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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 Transportational Plans	HSTP Goals and Objectives Code
	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

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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 Transportation Plans	HSTP Goals and Objectives Code
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
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
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

Statewide - Enhancement Projects

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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
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).	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.	Y	L	H	N	Y	N	G101-4, G201-2

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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.	Y	L	H	N	Y	N	G103, G302, G401, G501-2
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.	Y	L	H	N	Y	N	G103, G302, G401, G501-2

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TRANSIT PROJECTS		Project Description	Maintains Existing System	Completes Multi-Phase Project	Enhances Hub-and-Spoke System	Enhances Safety and Security	New Transit Service	Local Match in Year 1 Budget	Local Match 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
	STATEWIDE - FTA											
S24.	Statewide Planning	FTA Statwide Planning funds is a broad area that includes formula and discretionary funding under a variety of programs by awarding grants to eligible recipients. These programs provide funding to support cooperative, continuous, and comprehensive planning for making transportation investment decisions statewide. An example of this includes but is not limited to Statewide Planning under Section 5304. Funds may be utilized towards projects that: support economic vitality; increase transportation system safety and; increase security, accessibility and mobility of people and for freight; protect and enhance the environment; promote energy conservation; enhance the integration and connectivity of various modes; promote system efficiencies; and system preservation. To be eligible for funding under these programs, projects and strategies must come from the applicable transportation planning process.	Y	N	Y	Y	N	Y	Y	Y	N	G101-4, G201-2, G301-2, G401-2, G501-3

PROJECT EVALUATION CRITERIA FOR ROADWAY AND TRANSIT PROJECTS IN THE TRANSPORTATION IMPROVEMENT PROGRAM

INITIAL CRITERIA FOR ALL PROJECTS

Criteria that projects have to meet in order to be included in the TIP

Criteria	(Yes/No)
Consistency with the Oahu Regional Transportation Plan (ORTP)	Is the project included in the ORTP or consistent with the ORTP goals and objectives? <i>If the project is neither listed in the ORTP nor consistent with the ORTP goals and objectives, the project is not eligible for the TIP.</i>
Readiness to Go	Ready to obligate by the end of the federal fiscal year? <i>If the project will not be ready to obligate by the end of the federal fiscal year, the project is not eligible for the TIP.</i>
Availability of Local Match	Is a local match available? <i>If a local match is not committed or reasonably expected to be available at the time of obligation, the project is not eligible for the TIP.</i>
SAFETEA-LU Planning Factors	Addresses at least one of the following bullets? • Supports the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency • Increases the safety of the transportation system for all motorized and non-motorized users. • Increases the ability of the transportation system to support homeland security and to safeguard the personal security of all motorized and non-motorized users. • Increases accessibility and mobility of people and freight. • Protects and enhances the environment, promotes energy conservation, improves the quality of life, and promotes consistency between transportation improvements and State and local planned growth and economic development patterns. • Enhances the integration and connectivity of the transportation system, across and between modes, for people and freight. • Promotes efficient system management and operation. • Emphasizes the preservation of the existing transportation system.

SYSTEM PRESERVATION PROJECTS

Projects that upgrade and protect Oahu's infrastructure investment, 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) Projects – see page 7*

Criteria	High	Medium	Low	Yes/No
Bridge Replacement Program (<i>State projects</i>)	Project was identified through DOT's Bridge Replacement Program process		Project did not result from DOT's Bridge Replacement Program process	
Bridge Inspection and Appraisal (<i>City projects</i>)	Project was identified through the City's Bridge Inspection and Appraisal		Project did not result from the City's Bridge Inspection and Appraisal	
Pavement Management System (<i>State projects</i>)	Project was identified through DOT's Pavement Management System process		Project did not result from DOT's Pavement Management System process	
Roadway Pavement Condition Survey (<i>City projects</i>)	Project was identified through the City's Roadway Pavement Condition Survey		Project did not result from the City's Roadway Pavement Condition Survey	
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	
Gap Closure				Does the project close a gap or connect missing links in a route?
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

SAFETY PROJECTS

Projects that mitigate high accident and hazardous sites, such as:

- guardrail and shoulder improvement projects
- rockfall and slope stabilization projects
- emergency telephone projects
- ITS Projects – see page 7

Criteria	High	Medium	Low	Yes/No
Strategic Highway Safety Plan	Project was identified through DOT's Strategic Highway Safety Plan		Project did not result from DOT's Strategic Highway Safety Plan	
Highway Safety Improvement Program (<i>State and City projects</i>)	Project was identified through DOT's Highway Safety Improvement Program process		Project did not result from DOT's Highway Safety Improvement Program process	
Rockfall Protection Study at Various Locations on the Island of Oahu (<i>State projects</i>)	High potential for rockfall based on DOT's Rockfall Protection Study	Medium potential for rockfall based on DOT's Rockfall Protection Study	Low potential for rockfall based on DOT's Rockfall Protection Study	
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	
Gap Closure				Does the project close a gap or connect missing links in a route?
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

CONGESTION MITIGATION PROJECTS

Projects that increase the efficiency of the highway system, such as:

- traffic signal modernization projects
- operational improvement projects
- ITS projects – see page 7

Criteria	High	Medium	Low	Yes/No
Congestion Management Process (<i>State and City projects</i>)	Project was evaluated as part of OahuMPO's Congestion Management Process		Project was not evaluated as part of OahuMPO's Congestion Management Process	
Highway Safety Improvement Program (<i>State and City projects</i>)	Project was identified through DOT's Highway Safety Improvement Program process		Project did not result from DOT's Highway Safety Improvement Program process	
Travel Time ¹ or Delay Analysis	Travel time savings per day > 1000 hours <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	Travel time savings per day <= 1000 hours <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	<i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	
Project Location	Includes a congestion relief component in the leeward corridor of Oahu	Includes a congestion relief component in other areas of Oahu		
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	
Traffic Signal Warrants				Traffic signal project meets the criteria in the Traffic Signal Warrants

¹ Travel Time Savings is measured by Vehicle Hours of Travel (VHT) saved. Total systemwide VHT for a base case is computed. Applicable projects are added one at a time, and VHT is recomputed and compared with the base case to find the travel time savings that could be attributed to that particular project. A project is deleted from the base case before another is added.

CONGESTION MITIGATION PROJECTS, CONTINUED

Criteria	High	Medium	Low	Yes/No
Gap Closure				Does the project close a gap or connect missing links in a route?
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

MODERNIZATION PROJECTS

Projects that add capacity to the highway system, such as:

- new highway projects
- widening projects (additional capacity)
- second access projects
- ITS Projects – see page 7

Criteria	High	Medium	Low	Yes/No
Congestion Management Process	Project was evaluated as part of OahuMPO's Congestion Management Process		Project was not evaluated as part of OahuMPO's Congestion Management Process	
Highway Safety Improvement Program (<i>State and City projects</i>)	Project was identified through DOT's Highway Safety Improvement Program process		Project did not result from DOT's Highway Safety Improvement Program process	
Travel Time ² or Delay Analysis	Travel time savings per day > 1000 hours <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	Travel time savings per day <= 1000 hours <i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	<i>In the future - Delay analysis will be used for projects such as intersection improvements, turn lanes, and signal modernizations.</i>	
Project Location	Includes a congestion relief component in the leeward corridor of Oahu	Includes a congestion relief component in other areas of Oahu		
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	

² Travel Time Savings is measured by Vehicle Hours of Travel (VHT) saved. Total systemwide VHT for a base case is computed. Applicable projects are added one at a time, and VHT is recomputed and compared with the base case to find the travel time savings that could be attributed to that particular project. A project is deleted from the base case before another is added.

MODERNIZATION PROJECTS, CONTINUED

Criteria	High	Medium	Low	Yes/No
Gap Closure				Does the project close a gap or connect missing links in a route?
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

ENHANCEMENT PROJECTS

Transportation enhancement projects, such as:

- bikeway projects
- landscaping projects
- pedestrian facilities projects

Criteria	High	Medium	Low	Yes/No
OahuMPO Transportation Enhancement Program (for projects funded with Surface Transportation Program (STP) Enhancement funds)				Is the project included in OahuMPO's <i>Eligible Oahu Proposals Requesting Transportation Enhancement Funds</i> list?
Non-enhancement funding (for projects NOT funded with STP Enhancement funds)				Does the project fall under at least one of the twelve eligible transportation enhancement activities?
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	
Gap Closure				Does the project close a gap or connect missing links in a route?
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

HUMAN SERVICES TRANSPORTATION PROGRAMS

Human services programs, such as the following, that assist persons who have been traditionally underserved by the transportation system:

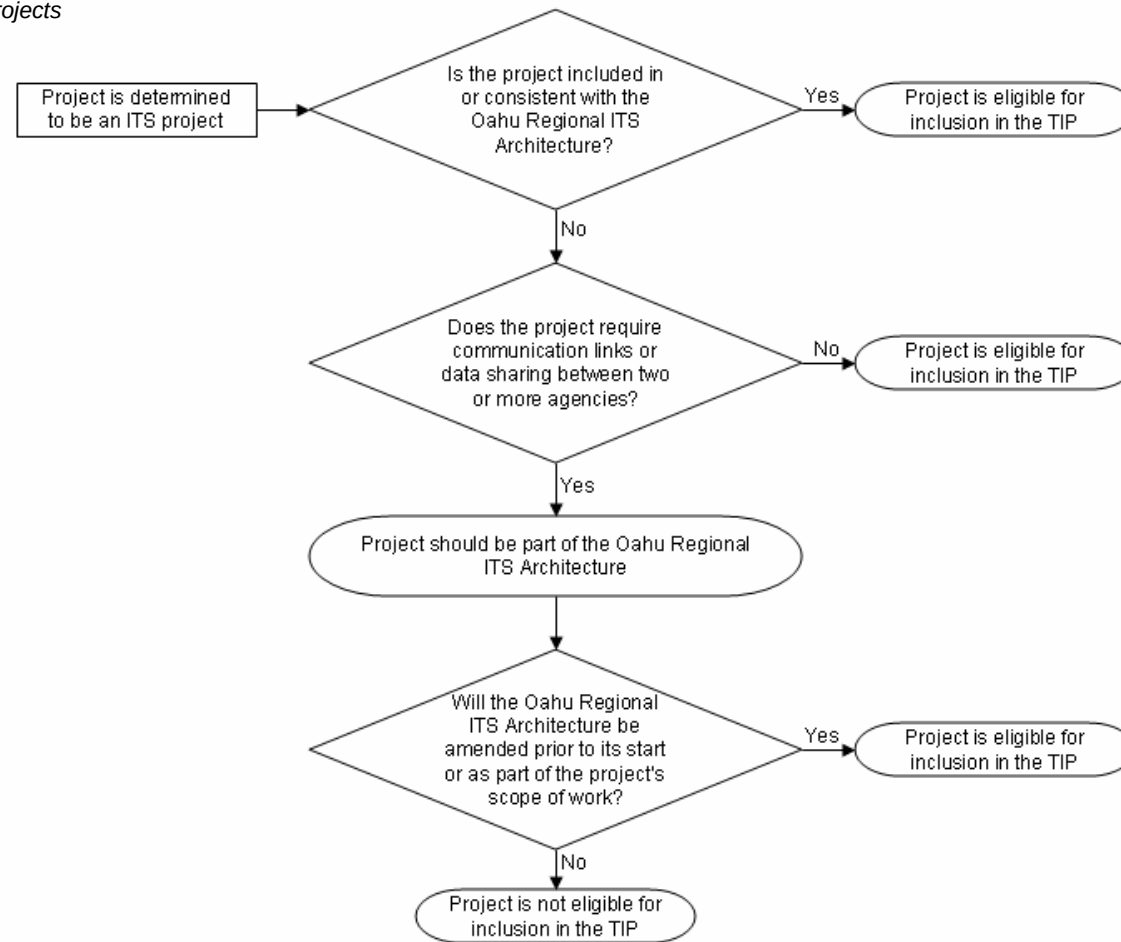
- *Job Access and Reverse Commute Program*
- *Elderly and Persons with Disabilities Vehicle Acquisition Program*
- *New Freedom Program*
- *Ways to Work Program*

Criteria	High	Medium	Low	Yes/No
Coordinated Public Transit-Human Services Transportation Plan	The program is included in the Coordinated Public Transit-Human Services Transportation Plan		The program is not included in the Coordinated Public Transit-Human Services Transportation Plan	
Cost Participation	Private industry funding has been secured or project is 100% federally funded	Private industry funding is anticipated	Does not include other financial involvement (i.e., private industry)	
Project Stage	Phase of the project (planning or design) has already been completed	Phase of the project (planning or design) is almost complete	The project has not yet begun	
Mandated				Required by federal, state, or municipal laws, regulations, or codes?
Transit Friendly				Does the project include improvements to transit facilities such as bus pads and bus bays?

INTELLIGENT TRANSPORTATION SYSTEM (ITS) PROJECTS

ITS projects, such as:

- *system preservation projects*
- *safety projects*
- *congestion mitigation projects*
- *modernization projects*
- *transit projects*



TRANSIT PROJECTS

Transit-related projects such as:

- *preventive maintenance*
- *bus replacements*
- *intermodal centers*
- *transit centers*
- *bus radios*
- *new transit service*

Criteria ³	Yes/No
Maintain and operate existing fixed route bus and complementary paratransit system	
Completes multi-phase project that has started	
Enhances system performance through implementation of hub-and-spoke system	
Enhances safety/security of passengers and the system and enhances service quality level	
New transit service	
Year 1 local match in budget	
Years 2 , 3 or 4 probable local match in budget	

³ Criteria are in ranked order.

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CITY & COUNTY OF HONOLULU - FHWA																	
OC4.	Bridge Inspection and Appraisal	Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.	N/A	H	N/A	L	H	L	Y	Y	N	Y	Y	Y	Y	Proj.36	G101-2, G201-2
OC9.	Seismic Bridge Retrofit	Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.	N/A	H	N/A	L	L	L	Y	Y	N	Y	Y	Y	Y	Proj.36	G101-2, G201-2
OAHU : STATE - FHWA																	
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

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OS15.	Interstate Route H-1 and Interstate Route H-2, 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	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
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
OS29.	Interstate Route H-3, Seismic Retrofit, Halekou 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
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

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OS31.	Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 65) 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.	Kalaeloa 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
OS37.	Kamehameha Highway, Bridge Rehabilitation, Kaipapau Stream Bridge	Rehabilitate 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

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OS39.	Kamehameha Highway, Bridge Rehabilitation, Laieloa Stream Bridge	Rehabilitate 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
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
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
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

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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
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

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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
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
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
OS52.	Kamehameha Highway, Lighting Improvements, Kawaipuna Street to North Punaluu Bridge	Upgrade/replace roadway lighting from Kawaipuna Street (milepost 20.7) to North Punaluu Bridge (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, 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

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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
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

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SAFETY PROJECTS		Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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.	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
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
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
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
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

H-High, M-Medium, L-Low, N/A-Not Applicable, Y-Yes, N-No, Proj.-Project Number, Obj.-Objective Number

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OS6.	Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Makau Street	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
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

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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
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
OS57.	Kamehameha Highway, Rockfall Protection, Waimea Bay (Sunset Beach Side)	Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.63 to milepost 5.9).	L	L	H	L	M	N	N	N	N/A	Y	Y	Y	Proj.5	G101-3, G201-2, G301, G401

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OS58.	Kamehameha Highway, Safety Improvements, Kahana Valley Road to Kaawa Bridge	Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301-2, G401
OS59.	Kamehameha Highway, Safety Improvements, Vicinity of Makao Road to the Vicinity of Haleaha Road	Extend paved shoulder 2 feet, extend drainage culverts and headwalls, install milled centerline and shoulder line rumble strips, signing and pavement marking.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-4, G201-2, G301-2, G401
OS60.	Kamehameha Highway, Safety Improvements, Vicinity of Pohuehue Road to Waikane Valley Road	Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.	H	H	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj.6	G101-4, G201-2, G301-2, G401
OS61.	Kamehameha Highway, Safety Improvements, Vicinity of Pualalea Street to Malaekahana and Vicinity of Laie-Maloo Bridge to Hauula Bridge	Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301-2, G401
OS62.	Kamehameha Highway, Safety Improvements, Vicinity of Waikane Valley Road to Kahekili Highway	Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.	H	H	N/A	L	M	N	N	N	N/A	Y	Y	Y	Obj.6	G101-3, G201-2, G301-2, G401

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OS63.	Kamehameha Highway, Shoreline Protection, Vicinity of Hauula	Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.	L	L	N/A	L	L	N	N	N	N/A	Y	Y	Y	Obj.6	G101-2, G201-2, G301
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
OS66.	Kamehameha Highway, Traffic Improvements, Kahaluu to Waimea Bay (Kahekili Highway [Route 83] to Kaalaea Stream)	Construct roadway geometric adjustments to improve safety and construct possible intersection improvements along Kamehameha Highway, from Kahekili 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

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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

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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
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
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
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

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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
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
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

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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
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
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
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

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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
OS80.	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

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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
OC8.	Salt Lake Boulevard (Route 7311), Widening, Maluna Street to Ala Lilikoi Street	Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lilikoi Street.	H	L	M	M	M	L	Y	N	Y	Y	Y	N	N	Obj.11	G101-2, G104, G201-2, G302, G401, G502
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
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

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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
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 Palilalai 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
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, Waiau Interchange to Halawa Interchange, Widening, Eastbound	Widen H-1 Freeway to six lanes from Waiau 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

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MODERNIZATION PROJECTS		Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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
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
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

H-High, M-Medium, L-Low, N/A-Not Applicable, Y-Yes, N-No, Proj.-Project Number, Obj.-Objective Number

Oahu - Modernization Projects

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ENHANCEMENT PROJECTS		Project Description	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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
OAHU : STATE - FHWA															
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

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Oahu - Enhancement Projects

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ENHANCEMENT PROJECTS		Project Description	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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
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

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Oahu - Enhancement Projects

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HUMAN SERVICES TRANSPORTATION PROGRAMS		Project Description	Human Services Transportation Plan	Cost Participation	Project Stage	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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
OC16.	Local Shuttle Service	To maintain and expand shuttle services provided at Kalaeloa homeless shelter sites and the Campbell Industrial Park to address transportation needs of low income persons.	H	M	L	N	N	N/A	Y	Y	Y	Obj.5	G101-4, G201-2, G301-2, G402, G501, G503
OC18.	Mobility Management Center	To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.	H	L	L	N	N	N/A	Y	Y	Y	Obj.5	G101-4, G201-2, G301-2, G402, G501, G503

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Oahu - Human Services Transportation Programs

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TRANSIT PROJECTS		Project Description	Maintains Existing System	Completes Multi-Phase Project	Enhances Hub-and Spoke System	Enhances Safety and Security	New Transit Service	Local Match In Year 1 Budget	Local Match Probable In Years 2,3 or 4 Budget	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
		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
OC15.	Honolulu High-Capacity Transit Corridor Project	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

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Oahu - Transit Projects

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TRANSIT PROJECTS		Project Description	Maintains Existing System	Completes Multi-Phase Project	Enhances Hub-and Spoke System	Enhances Safety and Security	New Transit Service	Local Match In Year 1 Budget	Local Match Probable In Years 2,3 or 4 Budget	Oahu Regional ITS Architecture Consistency	Addresses SAFETEA-LU Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code
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
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.	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

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Oahu - Transit Projects

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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

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code
HAWAII : STATE - FHWA											
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, Pahoehoe Stream Bridge	Rehabilitate existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401
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
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

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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
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
HC7.	Kaiminani (Route 198) Resurfacing (Mamalahoa Highway (Rte 190) to Queen Kaahumanu Highway (Rte19))	Resurfacing approximately 3.6 miles of Kaiminani from the Mamalahoa Hwy to the Queen Kaahumanu Hwy. Work to include road bed reconstruction, shoulder/driveway repairs and drainage improvements.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code
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
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

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SAFETY PROJECTS 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)		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
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
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

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SAFETY PROJECTS 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)		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
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
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
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 130) Safety Improvements at Kaawalii Gulch	Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage.	Y	N	L	H	N	N	Y	N	G101-3, G201-2, G301, G401

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SAFETY PROJECTS 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)		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
HS39.	Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road	Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301, G401
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

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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 Transportational Plans	HSTP Goals and Objectives Code
Projects that increase the efficiency of the highway system, such as: - traffic signal modernization projects - operational improvement projects - ITS projects												
	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

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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
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

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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 Kalanianaʻole Ave.	N	N	L	L	N	Y	N	Y	N	G101-4, G201-2, G301-2, G401

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HS32.	Puainako St (Rte 2000) Widening, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase I - 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
HS33.	Puainako St (Rte 2000) Widening, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kilauea (Rte 1920)	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
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

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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
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												
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

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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
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

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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 Transportation Plans	HSTP Goals and Objectives Code
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

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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

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TRANSIT PROJECTS Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service		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 Transportational Plans	HSTP Goals and Objectives Code
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
HC14.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code
MAUI : STATE - FHWA											
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
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
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
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

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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
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											
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, Haleakala Highway to Baldwin Avenue	Resurface approximately 3 miles of Haliimaile Road.	N	Y	L	H	N	N	Y	N	G101, G102

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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
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction, Wakea Avenue to Ani Street	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
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
MC8.	Kahekili Highway (Route 3405) Resurfacing, Mokuhaul Road 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

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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, 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, G401
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
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

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportational Plans	HSTP Goals and Objectives Code
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
MC18.	Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napili Hau 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
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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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

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SAFETY PROJECTS 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)		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
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
MS8.	Honoapiilani Highway (Route 30), Safety Improvements, Vicinty of Kapoli Street to Ukumehameha Beach Park Road	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

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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
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

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	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

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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 Transportational Plans	HSTP Goals and Objectives Code
	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
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

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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
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
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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	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 Plance to Relocated Southern Terminus.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502
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

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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
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

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MODERNIZATION PROJECTS Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects		Project Description	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 Transportational Plans	HSTP Goals and Objectives Code
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
MS18.	Puunene Avenue (Rte 3500) Widening, Wakea Avenue (Rte 3920) to Kuihelani Highway (Route 380), MP 0.46 to 1.09	Widen Puunene Ave.	Y	N	L	L	N	N	N	Y	Y	G101-4, G201-2, G301-2, G401, G502

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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 Transportation Plans	HSTP Goals and Objectives Code
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

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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 Kulanihakoi Street to Waipuilani State Park. Approximately 0.5 miles.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502

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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
Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service												
	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
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											

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Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service												
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
MC37.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401

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SYSTEM PRESERVATION PROJECTS Projects that upgrade and protect infrastructure investments, such as: - pavement resurfacing projects - bridge projects - drainage projects - street light pole replacement projects - traffic sign projects - roadway upgrade projects (no additional capacity) - Intelligent Transportation System (ITS)		Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one SAFETEA-LU Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code
KAUAI : STATE - FHWA											
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
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
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

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KS13.	Kuhio Highway (Route 560), Bridge Replacements, Waioli, Waipa, and Waikoko Stream Bridges	Replace existing bridges.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401
KS21.	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
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
KC3.	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement	Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.	Y	N	L	M	N	N	Y	N	G101-3, G201-2, G301-2, G401

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KC5.	Kamalu Bridge (Route 581) Erosion Protection Repairs	Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401
KC6.	Kamalu Road (Route 581) Bridge Replacement	Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.	N	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401
KC7.	Kapahi Bridge Replacement	Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.	Y	N	L	M	N	N	Y	N	G101-2, G201-2, G301-2, G401
KC13.	Puhi Road (Route 501) Ultra-Thin Whitetopping (UTW)	Rehabilitate Puhi Road using Ultra-Thin Whitetopping (UTW) and cement treated recycled Base. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intersection of the Kaumualii Highway - Puhi Road intersection and extend approximately 0.4 miles to the Kaneka St. - Puhi Road intersection.	N	Y	L	M	N	N	Y	N	G101-2, G201-2, G301, G401

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KC14.	Puuopae Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G101-2, G201-2, G301-2, G401
KC15.	Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary	Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.	N	Y	L	L	N	N	Y	N	G101-2, G201-2, G301, G401

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SAFETY PROJECTS 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)		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
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

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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 Transportation Plans	HSTP Goals and Objectives Code
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											

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SAFETY PROJECTS 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)		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
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

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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
	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

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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 Transportational Plans	HSTP Goals and Objectives Code
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
KS16.	Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I & 1A	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
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

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MODERNIZATION PROJECTS												
Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects		Project Description	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 Transportational Plans	HSTP Goals and Objectives Code
	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

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Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects												
KC18.	Maluhia Road (Route 520) Improvements	Widen Maluhia Road frm the intersection of Ala Kinoiki Road to Kaumualii Hwy. Approx 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.	Y	N	L	L	N	N	N	Y	N	G101-4, G201-2, G301-2, G401, G502
KC11.	Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.	Y	N	L	L	N	Y	N	Y	Y	G101-4, G201-2, G301-2, G401, G502

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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
KAUAI : STATE - FHWA											
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

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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 Transportation Plans	HSTP Goals and Objectives Code
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	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
KC10.	Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phases A & B	Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.	Y	L	L	N	N	Y	N	G101-4, G201-2, G301-2, G401-2, G502

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TRANSIT PROJECTS Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service		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 Transportational Plans	HSTP Goals and Objectives Code
COUNTY OF KAUAI - FTA												
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
KC17.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Y	Y	Y	Y	N	G101-3, G201-2, G301-2, G401