

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

Click here to access the FFY 11-14(+2) STIP document: <http://hawaii.gov/dot/highways/STIP/120103%2011-14%20STIP%20Rev%20%234a.pdf>

| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system | Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational 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 |

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| Proj. | Obj. | | | | | | | | | | |
| S14. | Statewide Bridge and Pavement Improvement Program | System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. | Y | Y | M | H | N | N | Y | N | G101-2, G201-2, G301-2, G401-2, 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 |
| S25. | Statewide Guardrail and Shoulder Improvement Program | System maintenance to upkeep roadway guardrails and shoulders. | N | N | L | H | N | N | Y | N | G101-3, G201-2, G301-2, G401-2, G502 |

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| SAFETY PROJECTS | | Project Description | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code |
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| 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 | Revision #4 |
|---------------------------------------|------------------|--------------------------------------|---|---|---|---|--|---|--|---|--|---------------------------------------|--|
| 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 | DELETE project. This project will no longer be federally funded. |

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| MODERNIZATION PROJECTS | | Project Description | Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code |
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| 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 | | Project Description | Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects? | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code |
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| 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 Countdown Pedestrian Signal Head Upgrade, Phase 2 | Implement pedestrian signal head upgrade with countdown head. | N | L | M | N | N | Y | N | G101-4, G201-2, G301-2, G401-2 |

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| HUMAN SERVICES TRANSPORTATION PROGRAMS | | 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 Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| 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 | | | | | | | | | | |
| STATEWIDE - FTA | | | | | | | | | | |
| S3. | Construction Career Days Workforce Development Program | Supplement the Construction Career Days Workforce Development Program. | N | L | H | N | Y | N | G201, G501-2 | |
| S19. | Rural Transportation Assistance Program (RTAP) | FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural transportation providers. | Y | L | H | N | Y | N | G401-2, G501-2 | Amended project description. |
| S20. | State Administration | FTA Section 5311 Nonurbanized Area Formula Program. | Y | L | H | N | Y | N | G101-2, G104, G201-2, G301, G401 | |
| S21. | Transportation Assistance for Elderly and Disabled | The FTA Section 5310 program provides assistance for the purpose of providing transportation services in meeting the special needs of elderly and disabled persons where mass transportation services are unavailable, insufficient or inappropriate. Transportation for Elderly and Persons with Disabilities (Section 5316). Funds from the Transportation for Elderly and Persons with Disabilities program will be utilized for the purchase of vehicles. | Y | L | H | N | Y | N | G101-4, G201-2 | Amended project description. |

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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 Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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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. Funds from the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. | Y | L | H | N | Y | N | G103, G302, G401, G501-2 | Increased estimate for FFY2012. Amended project description. |
| S23. | New Freedom (non-urban) | New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services. Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. | Y | L | H | N | Y | N | G103, G302, G401, G501-2 | Increased estimate for FFY2012. Amended project description. |

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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 | Revision #4 |
|------------------|--------------------|---|---|--|--|--|---------------------|------------------------------|--|--|---|--|--|
| | | | Does it maintain and operate existing fixed route bus and complementary paratransit system? | Does it complete a multi-phase project that has started? | Does it enhance system performance through implementation of hub-and-spoke system? | Does it enhance safety/security of passengers and the system and enhances service quality level? | | | | | | | |
| 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. FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil right studies. | Y | N | Y | Y | N | Y | Y | Y | N | G101-4, G201-2, G301-2, G401-2, G501-3 | Increased estimate for FFY2012. Amended project description. |

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|-------------------------------------|---|---|---|---|---|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---------------------------------------|--|
| OAHU : STATE - FHWA | | | | | | | | | | | | | | | | | |
| OS87. | Bridge and Pavement Improvement Program, Oahu | L | L | H | L | L | H | N | N | Y | N/A | Y | Y | Y | Proj.41 | G101-3, G301-2, G401 | Add yearly lump sum amounts to represent total SMP (state) funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) |
| OS1. | Castle Hills Access Road Drainage Improvements, Phase II | 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 | H | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | Defer and inflate CON from FY12 to FY14. ROW cannot be obligated until the Environmental Assessment is completed. |
| OS3. | Farrington Highway (Route 93), Bridge Replacement, Maipalaoa 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 | |
| OS82. | Farrington Highway (Route 93), Bridge Replacement, Makaha Bridges #3 & #3A | 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 | Advance ROW and CON from FY15 to FY12. Project is expected to be ready for obligation in FY12. |

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| OS15. | Interstate Route H-1, and Interstate Route H-2, and H-201 Destination Sign Upgrade/Replacement | Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1 and H-2. | L | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.35 | G101-2, G201-2 | Add Route Interstate Route H-201 to project title. |
| OS16. | Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge) | Rehabilitate existing bridge. | H | N/A | L | N/A | L | L | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | Add bridge name to project title |
| 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 | |
| OS83. | Interstate Route H-1, Installation of Access Control, Makakilo Interchange to Vicinity of H-1/H-2 Interchange | Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions. | L | N/A | L | N/A | L | H | N | N | N | N/A | Y | Y | Y | Proj.35 | G101-2, G201-2, G301-2, G401 | |
| OS24. | Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 | Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases. | H | N/A | L | N/A | L | H | Y | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G302 | |
| 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 | |

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| OS30. | Interstate Route H-3, Seismic Retrofit, Kapaa Quarry, Structure Nos. 1 & 2 (Inbound & Outbound) | Retrofit interchange structure to meet current seismic standards. | H | N/A | L | N/A | L | L | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2 | |
| OS31. | Interstate Route H-3, Seismic Retrofit, Mokapu Boulevard (Route 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 | Project has been previously obligated in FY2010 and will be DELETED from this STIP. |
| OS32. | Kalaheo Roadway Improvements, Vicinity of Barber's Point Naval Air Station | Bring roadways up to City standards and turn the roadway over to the City and County of Honolulu. Roadways include Roosevelt Avenue, Enterprise Avenue, and Coral Sea Road. | L | N/A | L | N/A | L | L | N | N | N | N/A | Y | Y | Y | Obj.6 | G101-2, G201-2, G302 | |
| OS33. | Kalaniana'ole Highway (Route 72), Bridge Replacement, Inoaole Stream Bridge, Waimanalo | Replace the existing bridge. | L | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | |
| OS37. | Kamehameha Highway, Bridge Replacement, Kaipapau Stream Bridge | Replace the existing bridge. | H | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | |
| OS38. | Kamehameha Highway, Bridge Rehabilitation, Kawaiioa 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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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Replacement Program (State) | Bridge Inspection & Appraisal (City) | Pavement Management System (State) | Roadway Pavement Condition Survey (City) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------------|---|--|---|---|---|---|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---|---|
| OS39. | Kamehameha Highway, Bridge Replacement, Laieloa Stream Bridge | Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie. | H | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | Increase CON estimate by \$5.8M partially due to added Context Sensitive Solution scope. |
| 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 | Split existing ROW into PreROW in FY13 for \$100K and ROW acquisition in FY14 for \$270K. DES is currently still ongoing. No ROW maps ready |
| 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 | Defer and inflate ROW from FY12 to FY13 since DES is still ongoing. ROW maps not ready. |
| 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 | Defer and inflate PreROW from FY12 to FY13. Awaiting bridge inventory before can proceed. |
| 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 | |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Replacement Program (State) | Bridge Inspection & Appraisal (City) | Pavement Management System (State) | Roadway Pavement Condition Survey (City) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------------|--|---|---|---|---|---|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---|--------------------|
| 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 | M | 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 | M | 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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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Replacement Program (State) | Bridge Inspection & Appraisal (City) | Pavement Management System (State) | Roadway Pavement Condition Survey (City) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------------|---|---|---|---|---|---|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---------------------------------------|---|
| 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 | Add PreROW in FY13 for \$100K. Defer and inflate ROW from FY12 to FY14 since still negotiation project scope with consultant. |
| 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 | Re-include project with \$8M in fed reimbursement for advance construction in FY15. Heavy Rain earlier in 2011 necessitated the re-inclusion of this project. |
| 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 | Add PreROW in FY12. Defer and inflate ROW from FY12 to FY13. Design on-going. ROW maps not ready. |
| OS52. | Kamehameha Highway, Lighting Improvements, Kalauao Strm Bridge to Pearl Harbor I/C | Upgrade/replace roadway lighting from Kalauao Stream Briggde (milepost 20.7) to Pearl Harbor I/C (milepost 23.8). | L | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.35 | G101-2, G201-2, G301-2, G401 | |
| OS54. | Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, In-bound, Vicinity of Waipahu | Rehabilitate the existing structure. | H | N/A | L | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G101-2, G201-2, G301-2, G401 | |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Replacement Program (State) | Bridge Inspection & Appraisal (City) | Pavement Management System (State) | Roadway Pavement Condition Survey (City) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|---|--|---|---|---|---|---|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---------------------------------------|--|
| OS55. | Kamehameha Highway, Rehabilitation, Cane Haul Road Structure, Out bound, Vicinity of Waipahu | Rehabilitate the existing structure. | H | N/A | H | N/A | H | M | N | N | N | N/A | Y | Y | Y | Proj.36 | G401-2, 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 | |
| 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 | Delete \$600K of DES in FY12. Federal funds will not be used and will be reprogrammed to other projects. |

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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 | Revision #4 |
|---------------------|--|---|-------------------------------|------------------------------------|-----------------------------------|--------------------|---------------|--------------|-----------|-------------------|--|--|------------------------|--------------|------------------|--------------------------------|--|
| 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 | Delete advance construction in FY13. Tri-fund project to show safety work funded by HSIP funds and STP Flexible and Earmark funding amounts. |
| 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 | Dual fund project to show safety work funded by HSIP funds and other work funded by STP Flexible funds. |
| OS6. | Farrington Highway (Route 93), Safety Improvements, Vicinity of Leihoku Street to Kili Drive | Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing. | H | H | N/A | L | M | N | N | N | N/A | Y | Y | Y | Obj.6 | G101-3, G201-2, G301-2, G401 | |
| OS14. | Guardrail and Shoulder Improvements, Various Locations | Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements. | H | H | N/A | L | M | N | N | N | N/A | Y | Y | Y | Proj.35 | G101-2, G201-2, G301-2, G401 | Changed funding category from STP Flexible to HSIP and Interstate Maintenance. |

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|------------------------|--|--|--------------------------------------|---|--|---------------------------|----------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---|---|
| 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 | Increase CON estimate by \$600K after project was scoped. |
| OS34. | Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase I | Construct traffic operational and safety improvements on Kalaniana'ole 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. | Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase II | Construct traffic operational and safety improvements on Kalaniana'ole 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. | Kalaniana'ole Highway (Route 72), Improvements, Olomana Golf Course to Waimanalo Beach Park, Phase III | Construct traffic operational and safety improvements on Kalaniana'ole 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 | |

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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 | Revision #4 |
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| 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 | |
| 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 | Defer and increase CON estimate from \$1.352M in FY12 to \$1.528M in FY13. Environmental permits are still ongoing. |
| 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 | |

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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 | Revision #4 |
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| OS62. | Kamehameha Highway, Safety Improvements, Vicinity of Kahekili Highway to Waikane Valley Road | 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 | Defer and inflate CON from FY12 to FY13. Environmental permits are still ongoing. |
| 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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| SAFETY PROJECTS | | Project Description | Strategic Highway Safety Plan | Highway Safety Improvement Program | Rockfall Protection Study (State) | Cost Participation | Project Stage | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|---|--|--|-------------------------------|------------------------------------|-----------------------------------|--------------------|---------------|--------------|-----------|-------------------|--|--|------------------------|--------------|------------------|---|-------------|
| 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. | F | F | F | F | F | N | N | N | N/A | Y | Y | Y | Proj.5 | G101-3, G201-2, G301, G401 | |
| CITY & COUNTY OF HONOLULU - FHWA | | | | | | | | | | | | | | | | | |
| OC2. | Alapai Transportation Management Center | The transportation management center will be a joint communication center to be built behind the Alapai Transit Center. The center will combine transportation management w/ City, State and emergency response agencies. The City's Emergency Op Center will be relocated to the JTMC. This will enhance agency cooperation and coordination during emergency responses. | N/A | N/A | N/A | L | M | N/A | N | Y | Y | Y | Y | Y | Proj.1 | G101-2, G104, G201-2, G302, G401, G501 | |
| 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 | |

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| CONGESTION MITIGATION PROJECTS | | Project Description | Congestion Management Process | Highway Safety Improvement Program | Travel Time or Delay Analysis | Project Location | Cost Participation | Project Stage | Traffic Signal Warrants | Gap Closure? | Mandated? | Transit Friendly? | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|---------------------------------------|--|---|--------------------------------------|---|--------------------------------------|-------------------------|---------------------------|----------------------|--------------------------------|---------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---------------------------------------|--------------------|
| 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 | |
| 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 | |

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| 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 | Increase funds in FY13 to cover a 2-yr contract and delete funds in FY14 since it will be covered in FY13. |
| 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.16 | G101-2, G104, G201-2, G301-2, G401 | |
| OS53. | Kamehameha Highway, Realignment, Vicinity of Kawaioa 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 | |

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| OS89. | Nimitz Highway (Route 92) and Honolulu Harbor Pier 19 Intersection Improvements | Roadway improvements on Nimitz Highway to enhance traffic capacity and improve ingress and egress to Pier 19 at Honolulu Harbor | N/A | L | N/A | M | L | L | N | N | Y | N | Y | Y | Y | Y | | G101-2, G104, G201-2, G301-2, G401 | NEW project. Added DES funds using FHWA Ferryboat Discretionary funds |
| 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 | DELETE project. This project will no longer be federally funded. |
| 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 | |
| OC25. | Kuakini Street Extension | Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks. | | | | | | | | | | | | | | | | | NEW project. |

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| OC26. | Traffic Signal Optimization | Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals. | | | | | | | | | | | | | | | | | NEW project. |
| 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 | Identified project locations for Phases 13, 14 and 15. Decrease Phase 14 CON in FY12 by \$52K and decrease Phase 15 DES in FY12 by \$20K to reflect actual construction cost estimates. |
| 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 | | | | | | | | | | | | | | | | | | |
| 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 | |
| OS88. | Interstate Route H-1, Corridor Study | Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor. | N/A | L | N/A | H | L | L | | N | | N/A | Y | Y | Y | | G101-4, G201-2, G302, G401 | NEW project. |
| 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 | Redistribute advance construction reimbursements to show \$20M fed reimbursement in FY14 instead of \$39M, and \$34M fed reimbursement in FY15 instead of \$15M. Total amount of fed reimbursement stays the same at \$54M. |
| 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 | |

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| OS22. | Interstate Route H-1, Kapolei Interchange Complex | Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 4 and 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges. | N/A | L | H | H | M | M | N | N | N | N/A | Y | Y | Y | Proj.14 | G101-2, G104, G201-2, G302, G401 | Phases 2 and 3 are combined into one phase, called Phase 2. Added advance construction to Phase 2 with \$7M in fed reimbursement in FY14. Phase 4 is renamed to Phase 3 and Phase 5 is renamed to Phase 4. |
| OS25. | Interstate Route H-1, PM Contraflow, Westbound, Waiawa Interchange Improvements, Phase I | This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikele. | N/A | L | H | H | L | M | Y | N | Y | N/A | Y | Y | Y | Proj.19 | G101-2, G104, G201-2, G302, G401, G502 | |
| OS26. | Interstate Route H-1, Waiawa Interchange to Halawa Interchange, Widening, Eastbound | Widen H-1 Freeway to six lanes from Waiawa Interchange to Halawa Interchange in the eastbound direction, and restore current freeway lane width and shoulder standards. Project may be phased due to high cost. | N/A | L | H | H | L | L | N | N | N | N/A | Y | Y | Y | Proj.45 | G101-2, G104, G201-2, G302, G401, G502 | |
| OS27. | Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements | Widen the westbound Waipahu off-ramp from one to two lanes. | N/A | L | H | H | L | L | N | N | N | N/A | Y | Y | Y | Proj.21 | G101-2, G104, G201-2, G302, G401, G502 | |

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| OS68. | Kamehameha Highway, Widening, Lanikuhana Avenue (Route 7042) to Ka Uka Boulevard (Route 7160) | Widen Kamehameha Highway to four lanes with shoulders for bike paths and disabled vehicles. | N/A | r | ± | ± | r | r | 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 | r | ± | ± | r | ± | 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 | Defer both DES and CON from FY11 to FY12. Awaiting use of earmark. |
| 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 Liliroi Street | Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Liliroi Street. | H | L | M | M | M | L | Y | N | Y | Y | Y | N | N | Obj.11 | G101-2, G104, G201-2, G302, G401, G502 | |

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| OAHU : STATE - FHWA | | | | | | | | | | | | | | | | |
| OS84. | Kalaniana'ole Highway Bicycle Improvements, Waimanalo Beach Park to Makai Pier | Improve bike route on Kalaniana'ole Highway, from Huli Street to Makai Pier. | N | N | L | M | N | N | N | N/A | Y | Y | Y | Obj. 15 | G101-3, G201-2, G301-2, G401 | |
| 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 | Delete ROW, which was previously obligated. |

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| 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 | |
| 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 | Decrease CON estimate by \$50K in FY12 for Kealaolu Avenue Shoulder Improvements and Thomas Square/Civic Center Bike Path Improvements to reflect actual construction cost estimates. |

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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 | Revision #4 |
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| OAHU : STATE - FHWA | | | | | | | | | | | | | | |
| OS85. | JARC (Small Urban) | <p>Job Access & Reverse Commute Program (Section 5316). The JARC formula grant program aims to improve access to transportation services to employment & employment related activities for welfare recipients & eligible low income individuals & to transport residents of urbanized areas & nonurbanized areas to suburban employment opportunities. Funds from the JARC program are available for capital, planning, and operating expenses that support the development and maintenance of transportation services designed to transport low income individuals to & from jobs and activities related to their employment & to support reverse commute projects. Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. There will be an annual "call for projects" to agencies on Oahu to submit proposals for the grant funds.</p> | Y | L | H | N | N | N/A | Y | Y | Y | Obj. #5 | G103, G302, G401, G501,2 | Add funding for FY12. Amended project description. |

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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 | Revision #4 |
|---|---------------------------|--|---|---------------------------|----------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---|--|
| OS86. | New Freedom (Small Urban) | <p>New Freedom Program (Section 5317). The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society. New Freedom program funds are available for capital and operating expenses that support new public transportation services beyond those required by the ADA and new public transportation alternatives beyond those required by the ADA designed to assist individuals with disabilities with accessing transportation services. Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses. There will be an annual "call for projects" to agencies on Oahu to submit proposals for the grant funds.</p> | Y | L | H | N | N | N/A | Y | y | Y | Obj. #5 | G103, G302, G401, G501,2 | Add funding for FY12. Amended project description. |
| 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 | Deleted OPR funds in FY12 -13 using Section 5316 JARC-Urban funds. Revised OPR estimates in FY12-13 using Section 5317 New Freedom-Urban funds. |

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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 | Revision #4 |
|---|------------------------------|---|---|---------------------------|----------------------|------------------|--------------------------|---|---|-------------------------------|---------------------|-------------------------|---|--|
| 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 | Decrease OPR in FY12 by \$98K and in FY13 by \$8K to reflect actual operational cost estimates. Add EQP phase in FY13 for \$65K. |
| 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 | Revise cost estimates to reflect actual operational cost estimates. |
| OC24. | Special Needs Transportation | To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service. | 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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| TRANSIT PROJECTS | | Project Description | Maintains Existing System | Completes Multi-Phase Project | Enhances Hub-and-Spoke System | Enhances Safety and Security | New Transit Service | Local Match In Year 1 Budget | Local Match Probable In Years 2,3 or 4 Budget | Oahu Regional ITS Architecture Consistency | Addresses SAFETEA-LU Planning Factor(s)? | Local Match Available? | Ready-to-Go? | ORTP Consistency | HSTP Goals and Objectives Code | Revision #4 |
|---|---|---|----------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|----------------------------|-------------------------------------|--|---|---|-------------------------------|---------------------|-------------------------|--|--|
| 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 | Revise cost estimates to reflect actual vehicle purchase cost estimates. |
| 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 | De-federalize funds in FY12. |
| 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 | Defer and inflate project from FY12 to FY15. Additional local match cannot be identified at this time. |
| 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 | Revise cost estimates to reflect actual cost estimates in FY11, 12 and 16. |

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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 | Revision #4 |
|-------------------------|--|--|----------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|----------------------------|-------------------------------------|--|---|---|-------------------------------|---------------------|-------------------------|---------------------------------------|---|
| OC21. | Transit Safety and Security Projects | Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities. | Y | N | N/A | Y | N | Y | Y | Y | Y | Y | Y | Obj.6 | G101-4, G201-2, G301-2, G401 | Add CON phase with local funds in FY13-16. Add PLN and DES funds (all local) in FY12-16. Add EQP funds in FY12-16. Funding estimates were revised to reflect actual cost estimates. |
| 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 | Defer and inflate project from FY12 to FY13. Additional local match cannot be identified at this time. |
| 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 | Defer and inflate project from FY12 to FY13. Additional local match cannot be identified at this time. |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system | Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------------|--|---|---|---|---|---|---|--|---|--|---------------------------------------|--|
| HAWAII : STATE - FHWA | | | | | | | | | | | | |
| HS42. | Bridge and Pavement Improvement Program, Hawaii | System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available. | Y | Y | L | H | N | N | Y | N | G101-3, G301-2, G401 | Add yearly lump sum amounts to represent total SMP (state) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) |
| 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 | Defer CON from FY12 to FY13. |
| 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 | Increase estimate from \$35M to \$36.2M. |
| HS6. | Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehe Stream Bridge | Rehabilitate existing bridge. | Y | N | L | L | N | N | Y | N | G101-2, G201-2, G301-2, G401 | Update DES estimate from \$775K to \$1.16 M. Add PreROW (\$200K) funds in 2012 |
| 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 | Federalize DES (\$1 million) and ROW (\$115K) to leverage State funds in 2012. |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system | Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code | Revision #4 |
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| HC# | | | | | | | | | | | | |
| 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 | Increase estimate in FY14 from \$9.62M to \$16M. Add advance construction reimbursement in FY15. |
| HC15. | Manono Street (Route 2770) Roadway Improvements, Lanikaula Steet to Kekuanaoa Street | Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | Defer and inflate ROW from FY11 to FY12. It was not obligated in FY11. |
| 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 | | Project Description | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| 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 | |
| HS40. | Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge | Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including permanent mesh system on both sides of the roadway. | N | Y | L | M | N | N | Y | N | G101-3, G201-2, G301, G401 | |
| 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 | Defer and inflate CON from FY12 to FY13. Need to re-scope project. |
| 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 | Defer and inflate CON from FY13 to FY14. Need to re-scope project. |
| HS10. | Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge | Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaumoali Bridge. | N | N | L | M | N | N | Y | N | G101-3, G201-2, G301, G401 | |
| HS11. | Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge | Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge. | N | N | L | M | N | N | Y | N | G101-3, G201-2, G301, G401 | |

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| SAFETY PROJECTS | | Project Description | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| Proj. | Obj. | | | | | | | | | | | |
| 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 | Increase CON estimate in FY13 from \$17.3M to \$35M. Add advance construction reimbursement in FY14 |
| 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 430 19) Safety Improvements & Resurfacing Vic. Of Laupahoehoe Gulch to at Kaawalii Gulch | Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches. | Y | N | L | H | N | N | Y | N | G101-3, G201-2, G301, G401 | Dual fund with HSIP and STP Flexible funds. Corrected route number and expanded project limits. Defer and increase CON in FY11 to FY12. Currently working on topography data. |
| 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 | |

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| Proj. | Obj. | | | | | | | | | | | |
| 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. | Mamalaho 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 | Revision #4 |
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| 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 | Delete DES in FY11 since it was previously obligated. |

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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 | Revision #4 |
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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 | Defer and inflate DES from FY11 to FY13. Working on environmental impact statement. |
| 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 | |
| HS41. | Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion, Phases 1 & 2 | Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway. | Y | Y | L | M | N | N | N | Y | N | G101-4, G201-2, G301-2, G401, G502 | Defer and inflate CON from FY11 to FY12. Working on right of way. |
| 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 | |

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| Proj. # | Obj. # | | | | | | | | | | | | |
| HS26. | Kuakini Highway (Route 11) Widening, Henry Street (Rte 1830) to Kamehameha III Road (Rte 185), Phase 1 | Widen Kuakini Highway from two to four lanes with culverts, traffic signals and utilities. Improve shoulders to accommodate pedestrian and bicycle traffic. | Y | N | L | L | Y | N | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | |
| HS28. | Kumau Street Improvements, Hilo (Harbors Division) | Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave. | N | N | L | L | N | Y | N | Y | N | G101-4, G201-2, G301-2, G401 | |
| HS32. | Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 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 and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase II - Kawili (Rte 2770) to Kilauea (Rte 1920) Kanoelehua Ave (Rte 11) | Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks. | Y | N | L | L | Y | Y | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | |
| 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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| Proj. # | Obj. # | | | | | | | | | | | | |
| 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 | Added newly awarded (12/12/11) TIGER 3 funds (\$13.5 million) |
| 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 | Defer and inflate PLN and DES from FY11 to FY12. Working on environmental impact statement and permits. |
| 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 | |

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| 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 | Defer and inflate PLN from FY11 to FY12. It was not obligated in FY11. |

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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 Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| HAWAII : STATE - FHWA | | | | | | | | | | | |
| HS2. | Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road | Improve Akoni-Pule Highway bicycle routes, including signage, from Mahukona Wharf Access Road to Hawi Road. | N | L | L | N | N | Y | N | G101-4, G201-2, G301-2, G401-2, G502 | |
| HS25. | Kuakini Highway (Route 11) Bicycle Improvements, King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11) | Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage. | N | L | L | N | N | Y | N | G101-4, G201-2, G301-2, G401-2, G502 | |
| HS31. | National Recreational Trails Program - Hawaii (DLNR) | A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program. | N | L | L | N | N | Y | N | G101-3, G201, G301-2, G401-2, G502 | |
| COUNTY OF HAWAII - FHWA | | | | | | | | | | | |
| HC2. | Alii Drive (Route 186) Road Improvements Along Oneo Bay, From Hualalai Road (Route 1880) to Walua Road (Route 187), Phases 1 & 2 | Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities. | Y | L | L | N | N | Y | N | G101-4, G201-2, G301-2, G401-2, G502 | Defer and inflate DES from FY11 to FY12. Working on permits. |

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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 Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------|------------------------------|--|--|---|---|--|---------------------|------------------------------|--|--|---|--------------------------------|---|
| Project Description | | | | | | | | | | | | | |
| 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 | Delete funds in FY12 to FY16. Earmark funding discontinued. |
| HC14. | Rural Transportation Program | Operate public transit system. | Y | Y | Y | Y | Y | Y | Y | Y | N | G101-3, G201-2, G301-2, G401 | FY12 estimate increased from \$869K to \$1.16M. |
| HC16. | State of Good Repair | Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles. | Y | N | Y | Y | Y | Y | N | Y | N | G101-3, G201-2, G301-2, G401 | EQP/OPR estimate in FY12 increased from \$1.25M to \$2.75M. |

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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 | Revision #4 |
| MAUI : STATE - FHWA | | | | | | | | | | | | |
| MS36. | Bridge and Pavement Improvement Program, Maui | System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available. | Y | Y | L | H | N | N | Y | N | G101-3, G301-2, G401 | Add yearly lump sum amounts to represent total SMP (state) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) |
| MS5. | Honoapiilani Highway (Route 30), Bridge Replacement, Honolua Bridge | Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay. | Y | N | L | M | N | N | Y | N | G101-2, G201-2, G301-2, G401 | Defer and inflate ROW from FY12 to FY13. Need to complete environmental assessment before working on right-of-way. |
| 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 | Increase CON in FY12 from \$2.163M to \$3M. Design is still ongoing. |
| MS34. | Honoapiilani Highway (Route 30), Shoreline Protectino at Launiupoko | Construct shoreline protection measures at Launiupoko to prevent erosion. Improvements will also include installation of guardrails, barriers, signage, and reconstruction/repaving of the roadway shoulders | N | N | L | M | N | N | Y | N | G101-2, G201-2, G301 | |

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| MS# | Project Name | | | | | | | | | | | |
| MS12. | Kahului Beach Road (Route 3400), Shoreline Protection, Kahului Bay (#1) | Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline. | N | N | L | M | N | N | Y | N | G101-2, G201-2, G301 | Defer and decrease CON from \$4.325M in FY12 to \$1.9M in FY13. Still working on environmental assessment. |
| MS15. | North Kihei Road (Route 310), Shoreline Protection, Vicinity of Kealia Pond (#6) | Beach fill with an elevated dune to minimize wave overwash during seasonal high surf. | N | N | L | L | N | N | Y | N | G101-2, G201-2, G301 | |
| MS19. | Waiehu Beach Road (Route 3400), Bridge Rehabilitation, Iao Stream Bridge | Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku. | Y | N | L | M | N | N | Y | N | G101-2, G201-2, G301-2, G401 | |
| MOLOKAI | | | | | | | | | | | | |
| MS21. | Kamehameha V Highway (Route 450), Bridge Rehabilitation, Kaimiloloa Stream Bridge | Rehabilitation of the existing bridge to meet current bridge standards. | Y | N | L | L | N | N | Y | N | G101-2, G201-2, G301-2, G401 | |
| MS22. | Kamehameha V Highway (Route 450), Bridge Replacement, Makakupaia Stream Bridge | Kamehameha V Highway (Route 450) Puuloa Interchange Ramp "A" Seismic Rehabilitation. Milepost 3.94, Rehabilitate existing 43-foot long bridge by widening and strengthening to meet current State standards. | Y | N | L | L | N | N | Y | N | G101-2, G201-2, G301-2, G401 | |
| 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 | | | | | | | | | | | | |

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| Proj. | Obj. | | | | | | | | | | | |
| MC41. | Bridge and Pavement Improvement Program, Maui (County) | System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available. | Y | Y | L | H | N | N | Y | N | G101-3, G301-2, G401 | |
| MC3. | Bridge Inspection and Appraisal | Inspection of county-maintained bridges as required by FHWA. | Y | N | L | M | N | Y | Y | N | G101-2, G201-2 | |
| MC4. | Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Haleakala Highway to Baldwin Avenue | Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips. | N | Y | L | H | N | N | Y | N | G101, G102 | |
| MC42. | Haliimaile Road (Route 371) Resurfacing & Safety Improvements, Phase 2, Vicinity of MP 1.3 to Baldwin Avenue | Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips. | N | Y | L | H | N | N | Y | N | G101, G102 | NEW project. Part 2 of MC4. |
| MC5. | Hansen Road Pavement Reconstruction, Hana Highway to Puunene Avenue | Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | Advance CON from FY15 to FY14, and decrease CON estimate. |
| MC6. | Hina Avenue (Route 3930) Pavement Reconstruction, Wakea Avenue to Ani Street AND Kamehameha Avenue (Route 3940) Pavement Reconstruction, Vicinity of Puunene Avenue to Hina Papa Avenue (MC9) | Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | Combine MC9 with MC6. Therefore, adjust project limits. Advance CON from FY15 to FY12. |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system | Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
|-------------------------------------|---|--|---|---|---|---|---|--|---|--|---------------------------------------|--|
| MC# | Project Name | | | | | | | | | | | |
| MC43. | Kahananui Bridge Replacement (Lower Honoapiilani Road - RTE 3080) | Replace existing concrete bridge. Construct roadway improvements at both approaches. | Y | N | L | L | N | N | Y | N | G101-2, G201-2, G301-2, G401 | NEW project. |
| MC7. | Kahawaiokapia Bridge Replacement (Hana Highway - Route 360) | Replace or repair existing concrete bridge. Construct roadway improvements at both approaches. | Y | N | L | M | N | N | Y | N | G101-2, G201-2, G301-2, G401 | Defer and inflate CON from FY12 to FY13. Working on permits. |
| MC8. | Kahekili Highway (Route 3405) Resurfacing, North Market Street to Waiehu Beach Road | Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles. | N | Y | L | H | N | N | Y | N | G101-2, G201-2, G301, G401 | |
| MC38. | Kaholopoo Bridge Replacement (Route 360) | Replace or repair existing concrete bridge. Construct roadway improvements at both approaches. | Y | N | L | M | N | N | Y | N | G101-2, G201-2, G301-2, G401 | |
| 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 | DELETE project. This project will be included in MC6. |
| 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 | Defer and inflate CON from FY12 to FY16. Major right of way acquisition is needed before CON can commence. |
| MC13. | Koukouai Bridge Modifications (Hana Highway - Route 360) | Replace or repair existing concrete bridge. Construct roadway improvements at both approaches. | Y | N | L | L | N | N | Y | N | G101-2, G201-2, G301-2, G401 | Defer and inflate CON from FY13 to FY14. Design still ongoing. |
| MC14. | Kulanihakai 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 | Advance CON from FY14 to FY13. |

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| MC | Project Description | | | | | | | | | | | |
| MC39. | Lahaina Watershed Flood Control Project, Phase 2 | Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean. | N | N | L | H | N | N | Y | N | G101-2, G201-2, G301-2, G401 | |
| MC15. | Lelekeka 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 Napilihau Road | Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles. | Y | N | L | M | N | N | Y | N | G101-4, G201-2, G301-2, G401 | Defer and decrease CON estimate from \$9.9M in FY13 to \$5.9M in FY15. |
| 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 | Decrease estimate in FY14 from \$11.96M to \$1.25M. Project has been downsized. |
| MC44. | Papa Avenue (RTE 3910) Pavement Rehabilitation, Puunene Avenue to Kaahumanu Avenue | Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | NEW project. |
| 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 | Advance DES and CON from FY12 to FY11. Project was obligated in FY11. |

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| MC# | Project Name | | | | | | | | | | | |
| MC45. | South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance | Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | NEW project. |
| 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 | Defer and inflate CON from FY14 to FY15. Design is still ongoing. |
| 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 | |
| MC47. | Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue | Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles. | N | Y | L | L | N | N | Y | N | G101-2, G201-2, G301, G401 | NEW project. |

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| SAFETY PROJECTS | | Project Description | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| 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, Vicinity of Kapoli Street to Papalaua Beach Park | Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing. | Y | N | L | M | N | N | Y | N | G101-3, G201-2, G301, G401 | Defer and inflate CON from FY12 to FY13. Design is still ongoing. |

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| SAFETY PROJECTS | | Project Description | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| Proj. | Obj. | | | | | | | | | | | |
| MS32. | Kahului Beach Road (Route 3400), Lighting Improvements at Kanaloa Avenue (Route 3420) | Improve lighting along Kahului Beach Road and Kanaloa Avenue. | Y | N | L | M | N | N | Y | N | G101-3, G201-2, G301, G401 | Defer and inflate CON in FY12 to FY13. There is an issue with overhead electric lines. |
| 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 | |
| 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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| 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 | Advance CON from FY13 to FY12. |
| 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 | Defer and inflate CON from FY12 to FY14. Design is ongoing and further analysis needs to be done. |
| MC25. | Mill Street (Route 3840) Traffic Signal at Imi Kala Street | Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion. | N | N | L | L | Y | N | N | Y | N | G101-4, G201-2, G302, G401, G502 | |
| MC27. | Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930) | Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion. | N | N | L | L | Y | N | N | Y | N | G101-4, G201-2, G302, G401, G502 | |
| MC46. | South Kihei Road (RTE 3100) Traffic Signal Modernization, Lipoa Street to Piikea Avenue | Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems. | N | N | L | L | Y | N | N | Y | N | G101-4, G201-2, G302, G401, G502 | NEW project. |
| 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 | Advance CON from FY15 to FY13. |

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| Proj. | Obj. | | | | | | | | | | | | |
| 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 | Increase CON estimate in FY14 from \$728K to \$750K. |

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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 | |
| MS10. | Honoapiilani Highway (Route 30) Widening, Maalaea to Launiupoko | Improvements to Honoapiilani Hwy between Maalaea and Launiupoko to address high ocean surges crossing portions of the hwy, traffic accidents & fire hazards. Improvements may involve widening portions of the existing hwy and/or constructing a new hwy along a different alignment. Planning phase to determine the scope of the improvements is underway. | Y | N | L | L | N | Y | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | |

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| Proj. # | Obj. # | | | | | | | | | | | | |
| 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 | Delete ROW in FY11 since it was previously obligated. |
| MS16. | Paia Bypass Road (Paia Alternative Route, Vicinity of Spreckelsville to Vicinity of Hookipa Park) | Plans for alternative traffic improvements in the vicinity of Paia town. | Y | N | L | L | N | N | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | |
| MS35. | Piilani Highway, Traffic Operational Improvements at Ohukai Road | Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rarranging the traffic signals. | N | N | L | M | N | N | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | Defer and inflate CON from FY11 to FY12. Working on permits. |
| MS18. | Puunene Avenue (Rte 3500) Widening, Kaahumanu Avenue (Rte 32) to Kuihelani Highway (Route 380), MP 0.46 to 1.09 | Widen Puunene Ave. Install two-way left turn lanes on Puunene Ave from Kaahumanu Ave to Kamehameha Ave. Create bicycle route/lanes on Puunene Ave from Kaahumanu Ave to Kuihelani Hwy, as called for in Bike Plan Hawaii. | Y | N | L | L | N | N | N | Y | Y | G101-4, G201-2, G301-2, G401, G502 | Defer and inflate PreROW in FY11 to FY13 since project scope increased when MS17 and MS33 were added via STIP Revision #3. |

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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 Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| 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 | Defer and inflate CON in FY12 to FY14. Design has not begun yet. |
| MS14. | National Recreational Trails Program - Maui (DLNR) | A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program. | N | L | L | N | N | Y | N | G101-3, G201, G301-2, G401-2, G502 | |
| MS17. | Puunene Avenue (Route 3500) Bicycle Improvements, Kaahumanu Avenue (Route 32) to Kuihelani Highway (Route 380) | Create bicycle route/lanes on Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy, as called for in Bike Plan Hawaii. | N | L | M | N | N | Y | N | G101-4, G201-2, G301-2, G401-2, G502 | |
| COUNTY OF MAUI - FHWA | | | | | | | | | | | |
| MC34. | Waipuilani Bikepath | Construct bikepath on beach reserve, from 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 | Advance CON from FY15 to FY13. |

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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 Possible in Years 2, 3 or 4 Budget | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code | Revision #4 |
|---------------------------|--|---|---|--|--|---|-------------------------------------|-------------------------------------|---|---|--|---|--------------------|
| | | | | | | | Local Match in Year 1 Budget | Local Match in Year 1 Budget | | | | | |
| 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 | N/A | Y | N | G101-3, G201-2, G301-2, G401 | Defer and inflate DES from FY11 to FY12. Increase CON estimate in FY12. | |
| 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 | 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 | 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 | N/A | Y | N | G101-3, G201-2, G301-2, G401 | | |
| LANAI | | | | | | | | | | | | | |
| MS29. | Manele Small Boat Harbor Ferry Pier | New ferry pier, loading dock and related improvements. | Y | N | Y | Y | Y | Y | Y | N | G101-3, G201-2, G301-2, G401 | Defer and inflate CON from FY11 to FY12. | |

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|---|---|---|---|--|--|---|----------------------------|-------------------------------------|---|---|--|---------------------------------------|--|
| Transit-related projects, such as: - Preventative maintenance - Bus replacements - Intermodal centers - Transit centers - Bus radios - New transit service | 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 | Delete funds in FY12 to FY16. Earmark funding has been discontinued. |
| MC37. | Rural Transportation Program | Operate public transit system. | Y | Y | Y | Y | Y | Y | Y | Y | N | G101-3, G201-2, G301-2, G401 | Increase OPR estimate in FY12 from \$869K to \$1.51M. |
| MC40. | Bus and Bus Facility | Purchase of buses and construction of bus shelters. These funds have been previously obligated. Usage has been adjusted. | Y | Y | Y | Y | Y | Y | Y | Y | N | G101-3, G201-2, G301-2, G401 | |
| MC48. | Veterans Transportation and Community Living Initiative | Purchase software for a one-call-one-click system | Y | N | Y | Y | N | N | Y | Y | N | G101-3, G201-2, G301-2, G402 | NEW Project. |
| MC49. | State of Good Repair | Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles. | Y | N | Y | Y | N | N | Y | Y | N | G101-3, G201-2, G301-2, G401 | NEW Project. |

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| SYSTEM PRESERVATION PROJECTS | | Project Description | Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system | Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code | Revision #4 |
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| KAUAI: STATE - FHWA | | | | | | | | | | | | |
| KS25. | Bridge and Pavement Improvement Program, Kauai | System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The specific projects listed represent backup items or potential projects to be federally funded in the event federal monies become available. | Y | Y | L | H | N | N | Y | N | G101-3, G301-2, G401 | Add yearly lump sum amounts to represent total SMP (state) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) |
| 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 | |

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| Proj. | Obj. | | | | | | | | | | | |
| KS11. | Kuhio Highway (Route 56), Bridge Replacement, Kapaia Bridge | Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia. | Y | N | L | M | N | N | Y | N | G101-2, G201-2, G301-2, G401 | Defer and inflate ROW from FY12 to FY13. Defer and inflate CON from FY12 to FY15. Environmental assessment is ongoing and working on ROW maps. |
| 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 | Defer and increase CON from \$500K in FY11 to \$750K in FY12. Design is still ongoing. |
| 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 | Defer and inflate CON from FY11 to FY12. Design is ongoing. |

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|-------------------------------------|--|--|---|---|--|--|---|--|---|--|---------------------------------------|--|
| Proj. | Obj. | | | | | | | | | | | |
| 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 | Delete PLN funds in FY14, since they are not needed. |
| 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 | Defer and inflate CON from FY12 to FY15. A design consultant has recently been procured. |
| 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 intesection 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 | Defer and inflate CON from FY12 to FY13. Design is still ongoing. |
| 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 | | 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 |
|-----------------------------|---|--|---|--|---|---|---|--|---|--|---------------------------------------|
| KAUAI : STATE - FHWA | | | | | | | | | | | |
| KS1. | Guardrail and Shoulder Improvements on State Highways, Kauai, Parts 1, 2 & 3 | Improve guardrails and shoulders at various locations. | N | N | L | L | N | N | Y | N | G101-3, G201-2, G301, G401 |
| KS9. | Kaumualii Highway (Route 50) Safety Improvements in the Vicinity of Kahili Mountain Park Road to Hanapepe Lookout | Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing. | Y | N | L | L | N | N | Y | N | G101-3, G201-2, G301, G401 |
| KS20. | Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation | Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes. | N | N | L | L | N | N | Y | N | G101-3, G201-2, G301, G401 |
| KS17. | Kuhio Highway (Route 560) Safety Improvements, Hanalei Bridge to Waikoko Bridge | Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing. | Y | N | L | H | N | N | Y | N | G101-3, G201-2, G301, G401 |

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|-------------------------------|---|---|---|--|--|--|---|--|---|--|---------------------------------------|
| Proj. | Obj. | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| KC4. | Hardy Street (Route 572) Improvements | Safety imprvmts 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 |
| KC20. | Koloa Road Safety Guardrail and Safety Improvement | Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet). | Y | N | L | L | N | N | Y | N | G101-3, G201-2, G301, G401 |

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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 | Revision #4 |
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| 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 | Defer and inflate CON from FY12 to FY13. Need further design analysis. |

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| KAUAI : STATE - FHWA | | | | | | | | | | | | |
| KS6. | Kaunualii Highway (Route 50) Improvements, Anonui St to Kipu Rd, Phase IB | Construction for widening of Kaunualii 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 | 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 |
| COUNTY OF KAUAI - FHWA | | | | | | | | | | | | |

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| MODERNIZATION PROJECTS | | Project Description | Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code |
|-------------------------------|--|--|---|---|---|---|--|---|--|---|--|--|
| KC19. | Kauai County Multi-Modal Transportation Plan | | | | | | | | | | | |
| 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 |

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

Click here to access the FFY 11-14(+2) STIP document: <http://hawaii.gov/dot/highways/STIP/120103%2011-14%20STIP%20Rev%20%234a.pdf>

| MODERNIZATION PROJECTS | | Project Description | Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process | Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code |
|-------------------------------|--|----------------------------|---|---|---|---|--|---|--|---|--|---------------------------------------|
| 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 |

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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 Transportational Plans | HSTP Goals and Objectives Code |
|--|---|---|--|--|--|---|--|---|--|--|
| Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects | | | | | | | | | | |
| 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 | | Project Description | Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects? | Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry) | Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun | Gap Closure? Does this project close a gap or connect missing links in a route? | Mandated? Required by federal, state, or municipal laws, regulations or codes? | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportational Plans | HSTP Goals and Objectives Code |
|---|---|---|--|--|--|---|--|---|--|--|
| Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects | | | | | | | | | | |
| 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 Papalooa 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 | | Project Description | Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system? | Completes Multi-Phase Project Does it complete a multi-phase project that has started? | Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and-spoke system? | Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level? | New Transit Service | Local Match in Year 1 Budget | Local Match Possible in Years 2, 3 or 4 Budget | Addresses at least one SAFETEA-LU Planning Factor? | Listed in Regional Transportation Plans | HSTP Goals and Objectives Code | Revision #4 |
|------------------------------|------------------------------|--|---|--|--|---|----------------------------|-------------------------------------|---|---|--|---------------------------------------|--|
| | | | | | | | | | | | | | |
| 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 | Delete funds in FY12 to FY16. Earmark funding has been discontinued. |
| KC17. | Rural Transportation Program | Operate public transit system. | Y | Y | Y | Y | Y | Y | Y | Y | N | G101-3, G201-2, G301-2, G401 | Increase OPR cost estimate in FY12 from \$739K to \$1.125M. |
| KC21. | State of Good Repair | Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles. | Y | N | Y | Y | N | Y | N | Y | N | G101-3, G201-2, G301-2, G401 | Increase EQP/OPR cost estimate in FY12 from \$1.157M to \$2.376M. |

TRN 501

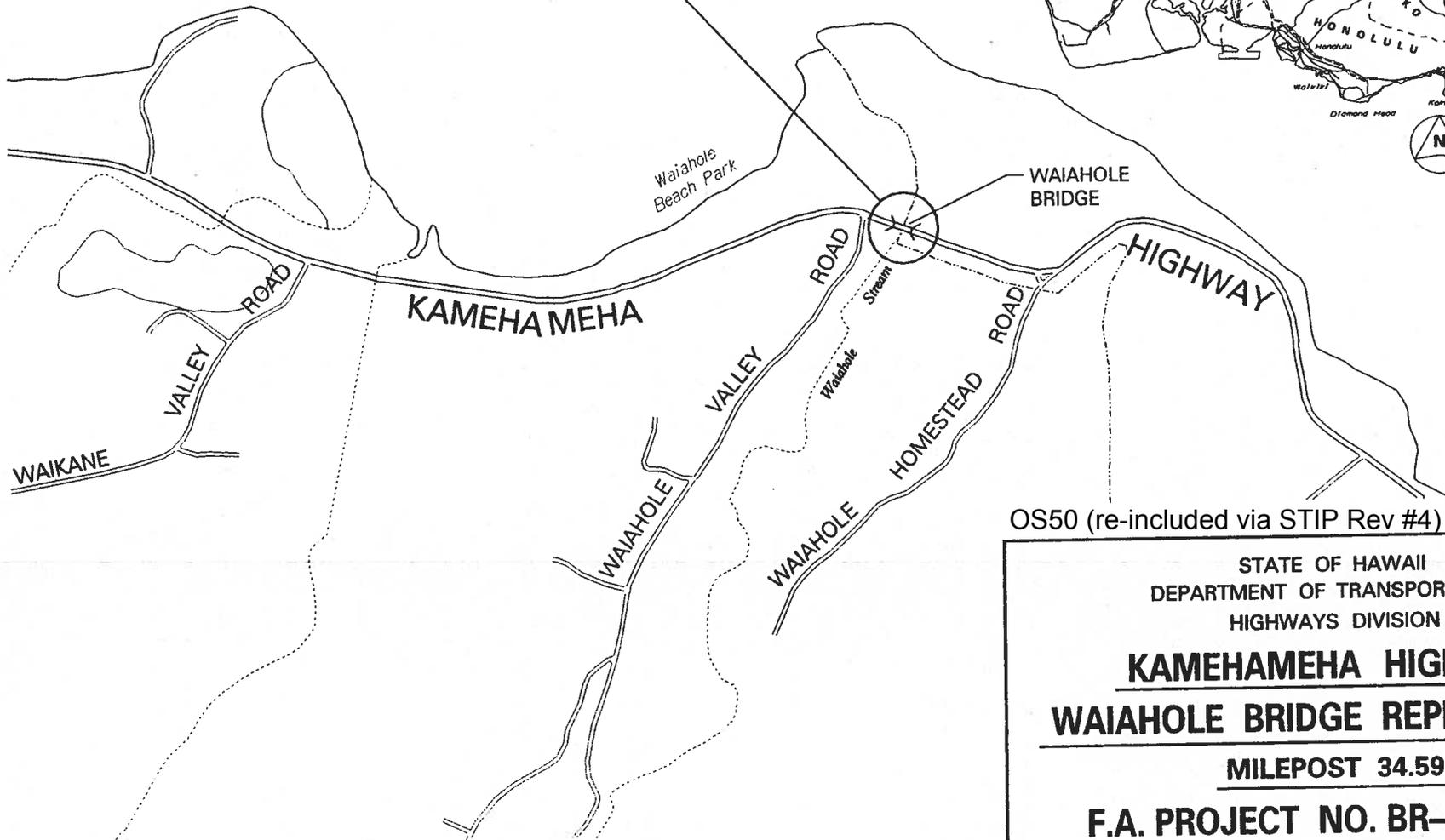
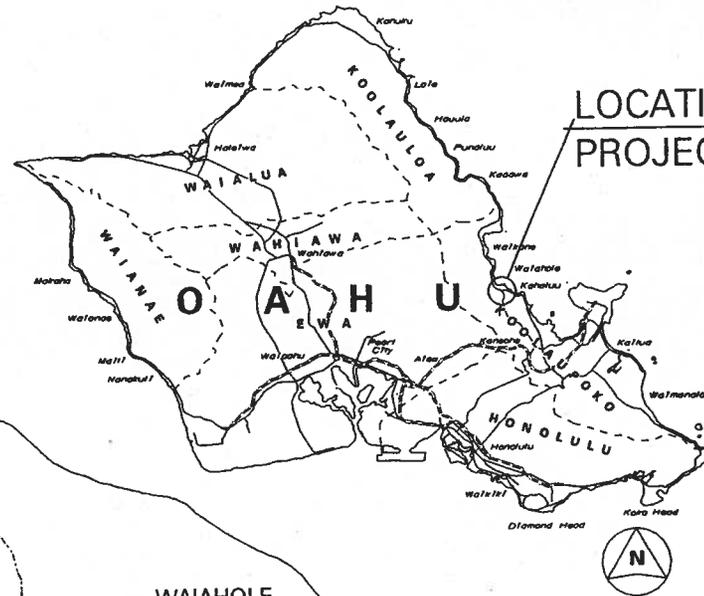
S230



LOCATION OF PROJECT



PROJECT LOCATION



OS50 (re-included via STIP Rev #4)

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

KAMEHAMEHA HIGHWAY
WAIHOLE BRIDGE REPLACEMENT

MILEPOST 34.59

F.A. PROJECT NO. BR-083-1(37)

Island of Oahu

An aerial photograph of an industrial port area, likely Honolulu Harbor. The image shows a complex network of roads, including a major highway (Nimitz Highway) that curves through the center. To the right, a large body of water (the harbor) is visible, with several piers and docks extending into it. Numerous large industrial buildings, mostly with white or light-colored roofs, are scattered throughout the area. In the lower-left and lower-center, there are several large, circular storage tanks. A yellow circle highlights a specific intersection on the right side of the image, and a red arrow points from a white text box to this intersection. The text box contains the words "Pier 19 Intersection".

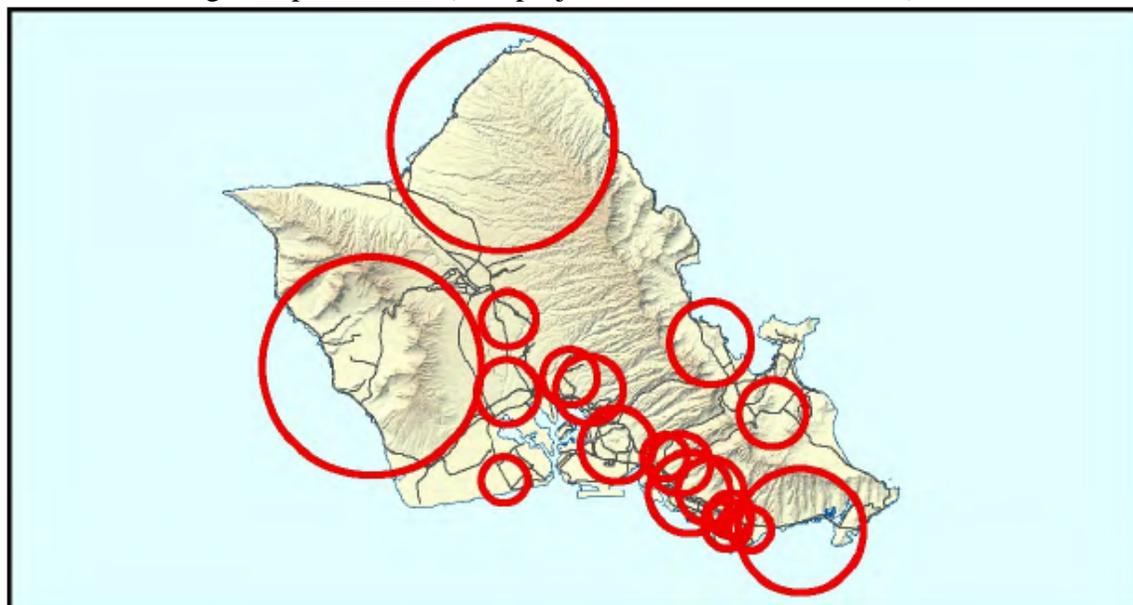
Pier 19
Intersection

OS89. Nimitz Highway and Honolulu Harbor Pier 19 Intersection Improvements (new project added via STIP Rev #4)

OC25 Kuakini Street Extension (new project added via STIP Rev #4)

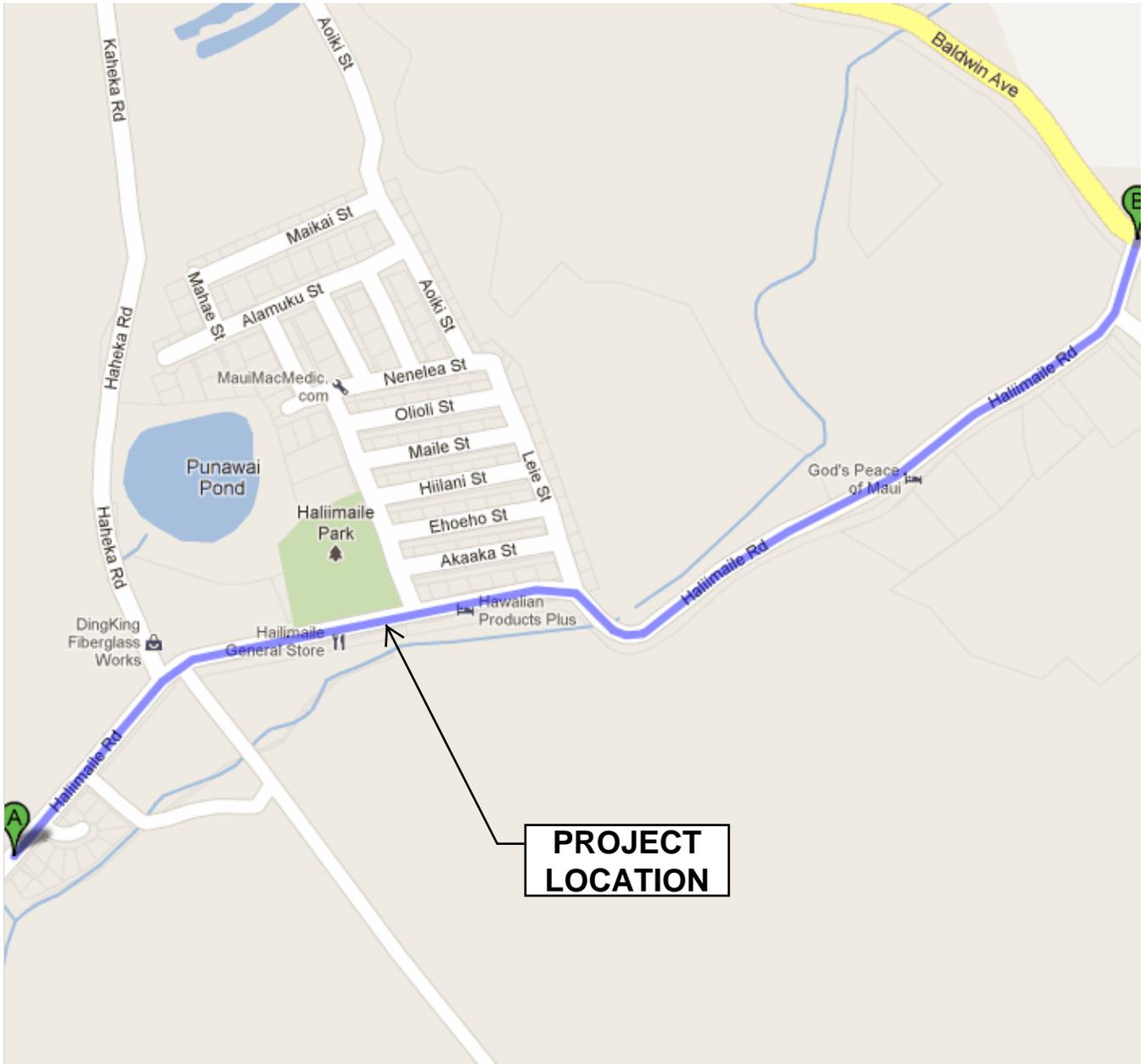


OC26 Traffic Signal Optimization (new project added via STIP Rev #4)



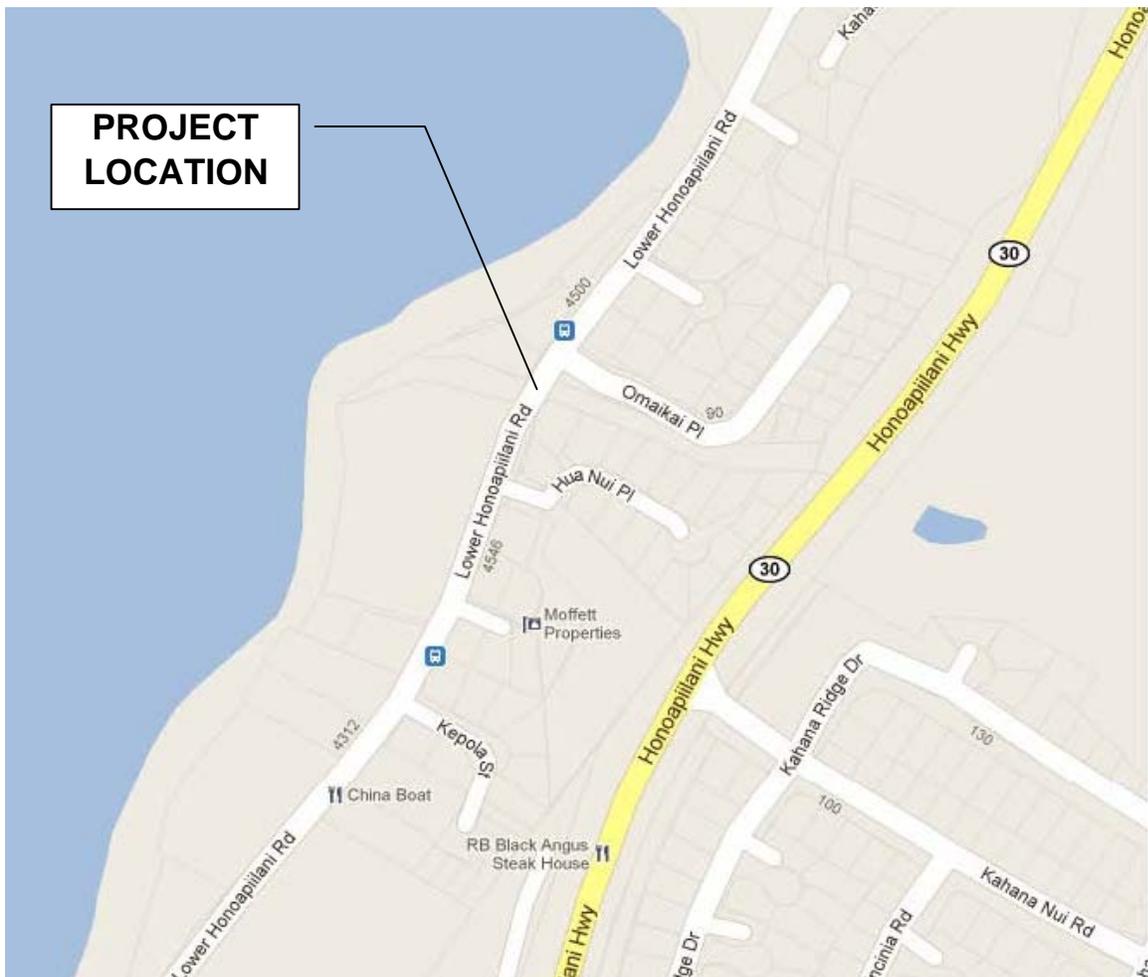
MC42 (new project added via STIP Rev #4)

HALIIMAILE ROAD RESURFACING, PHASE 2 MILE POST 1.3 TO BALDWIN AVENUE



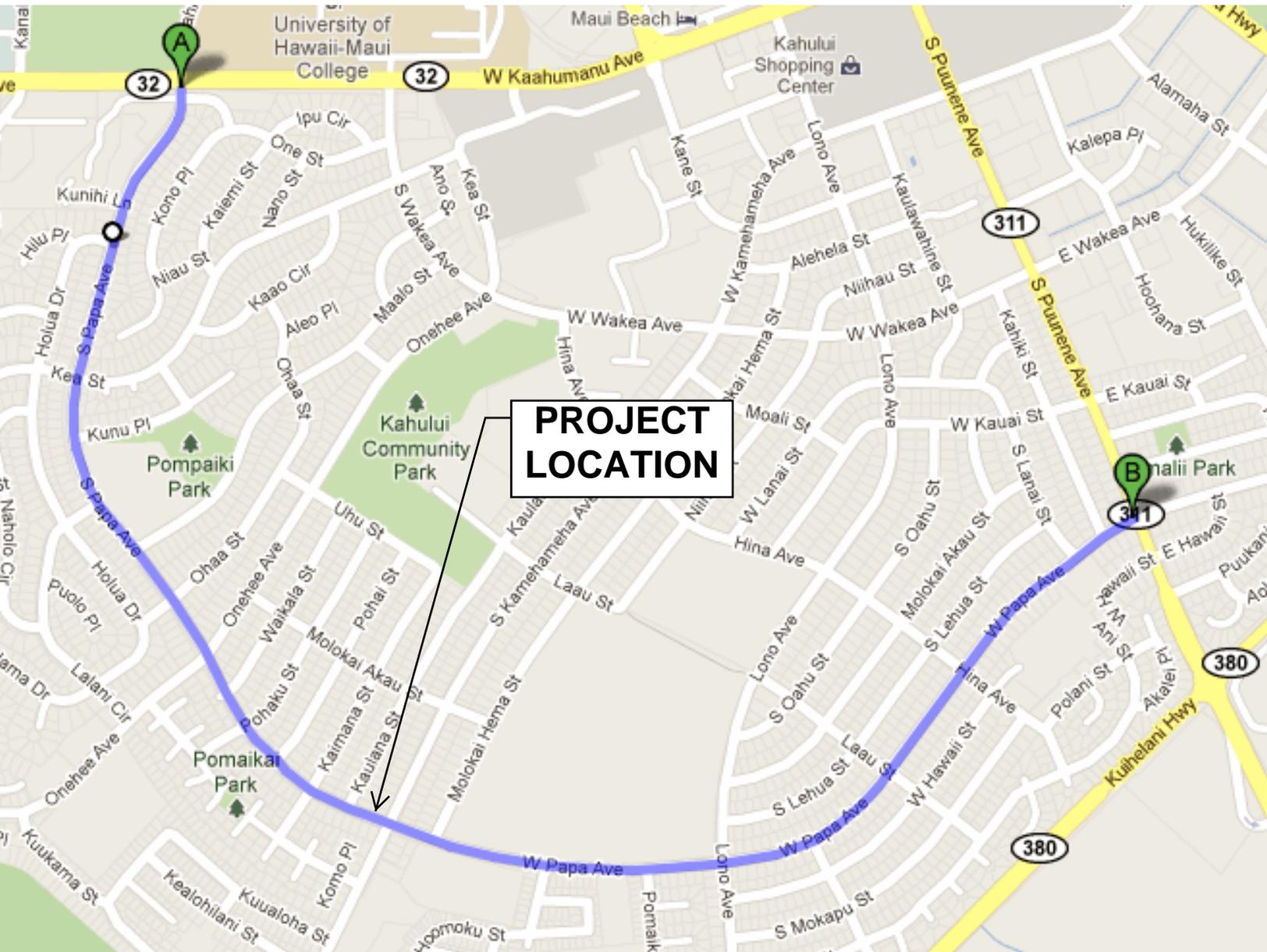
MC43 (new project added via STIP Rev #4)

KAHANA NUI BRIDGE REPLACEMENT

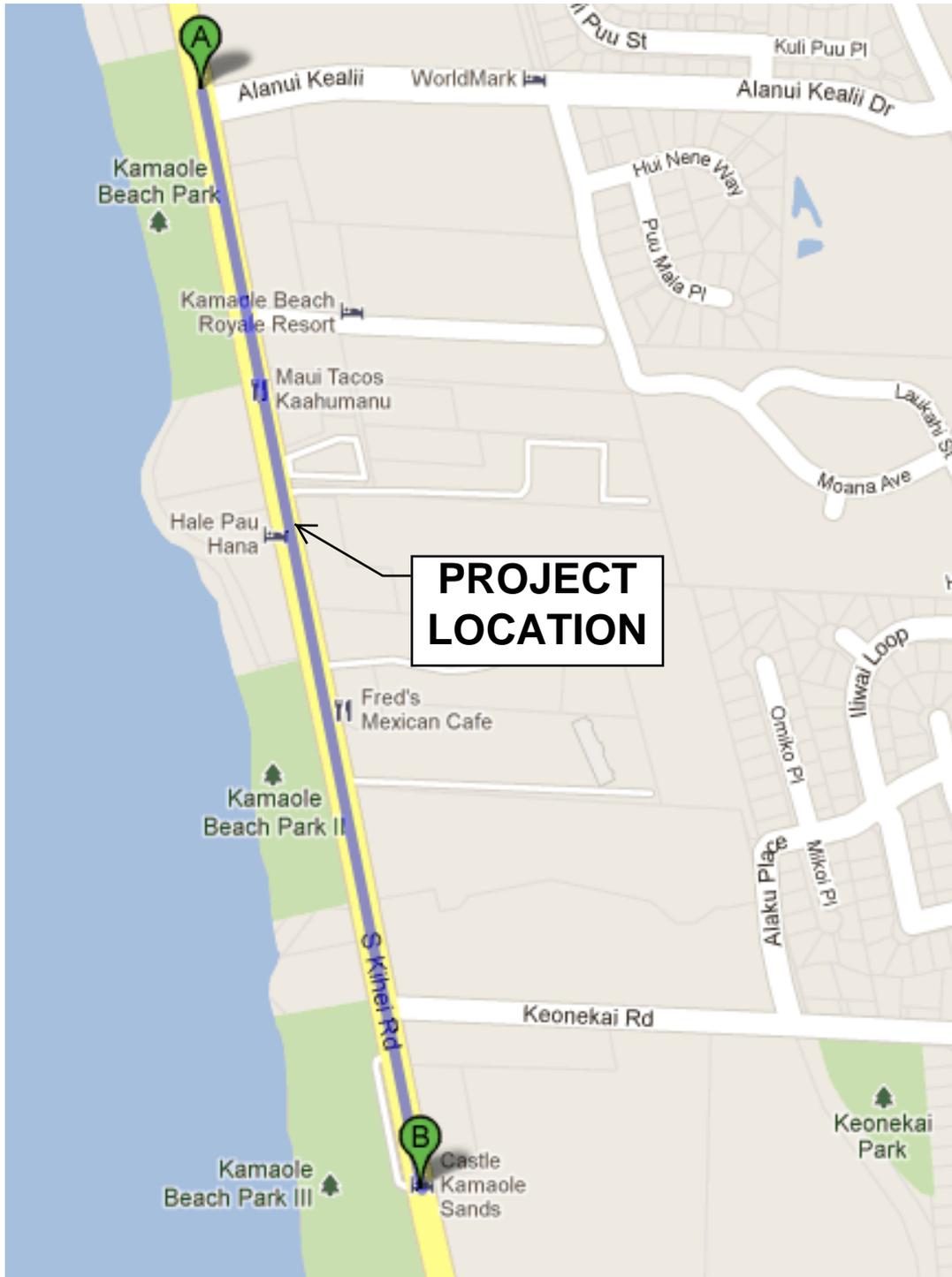


MC44 (new project added via STIP Rev #4)

PAPA AVENUE (ROUTE 3910) PAVEMENT REHABILITATION PUUNENE AVENUE TO KAAHUMANU AVENUE



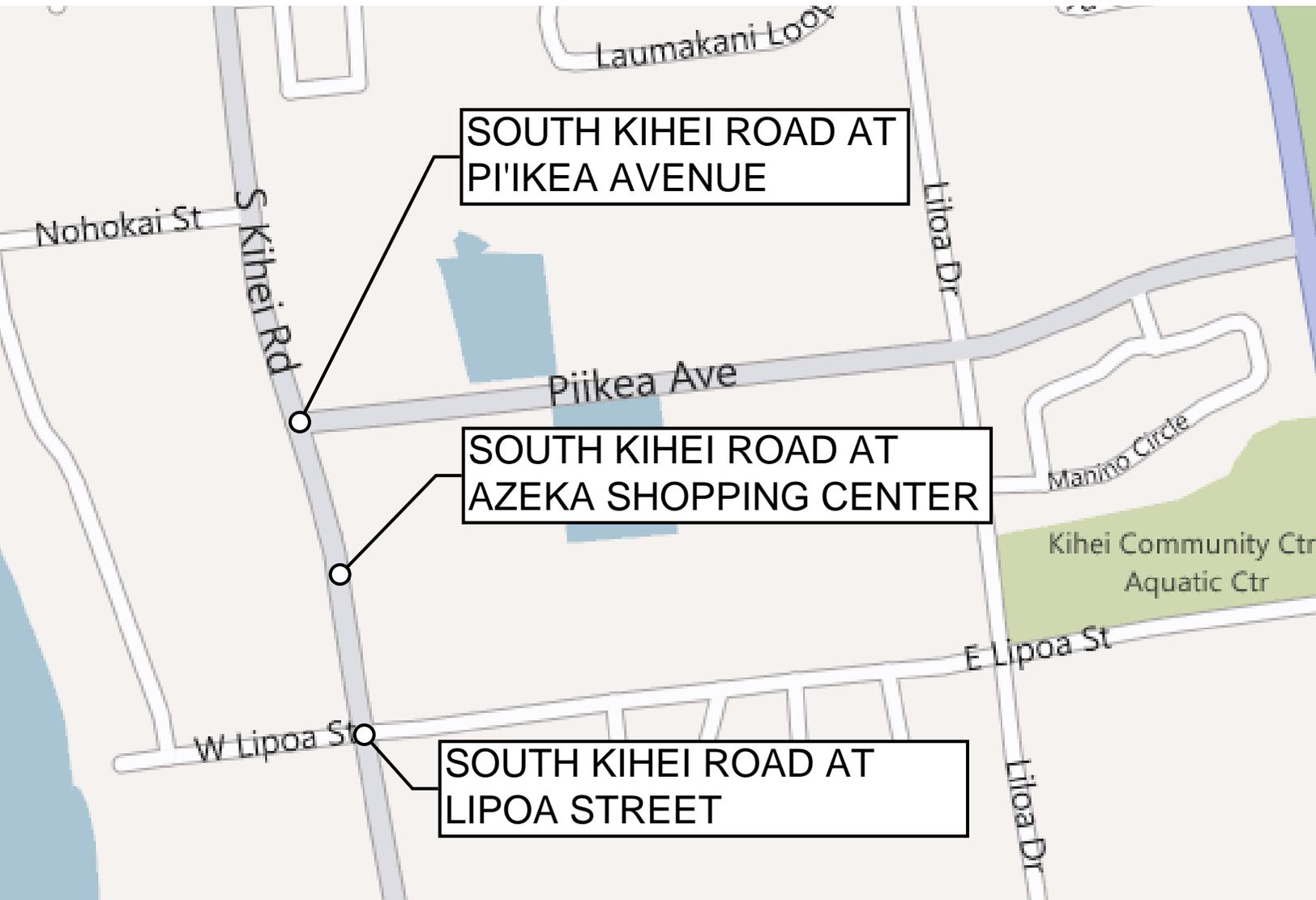
**SOUTH KIHEI ROAD (ROUTE 3100)
PAVEMENT REHABILITATION
ALANUI KE ALI'I
TO
KAMAOLE III BEACH PARK SOUTH ENTRANCE**



MC45 (new project added via STIP Rev #4)

MC46 (new project added via STIP Rev #4)

SOUTH KIHAI ROAD (ROUTE 3100) TRAFFIC SIGNAL MODERNIZATION VARIOUS LOCATIONS



PROJECT LOCATION MAP

MC47 (new project added via STIP Rev #4)

WAKEA AVENUE (ROUTE 3920) PAVEMENT REHABILITATION KAAHUMANU AVENUE TO PUUNENE AVENUE

