

APPENDIX C

Maui Island Plan 2030 Implementation Program Schedule

Maui Island Plan 2030 Implementation Actions by Element: Capital Improvement Projects (CIP)

Island Plan Element		Priority	Timing	Lead / Coordinating Agency(s)	Estimated Cost (\$ Millions)	Funding Source
Action	Project / Initiative					
CIP-Water Systems						
WS-1	Central Maui Water System	1	On-going	Department of Water Supply	100	County, Private
WS-2	West Maui Water System	1	On-going	Department of Water Supply	40	County, Private
WS-3	Upcountry Water System	1	On-going	Department of Water Supply	100	County, Private
WS-4	East Maui Water System	1	On-going	Department of Water Supply	10	County, Private
CIP-Roadways						
RW-1	Secure ROW and Construct Kahului Airport By-Pass (STATE)	2	2016 - 2021	State Department of Transportation	63	State, Federal
RW-2	Secure ROW and Construct Wai'ale Connector between Wai'ale and Maui Lani	1	2016 - 2021	Department of Public Works	13.7	County, Federal
RW-3	Secure ROW and Construct Lono Avenue Extension to Kuihelani Highway	1	2016 - 2021	Department of Public Works	2.3	County, Federal
RW-4	Secure ROW and Construct Kihei North South Collector Road	1	2016 - 2021	Department of Public Works	37.6	County, State, Federal
RW-5	Secure ROW and Construct Lahaina By-Pass from Keawe Street to Lahainaluna Road (STATE)	1	2010 - 2015	State Department of Transportation	77	State, Federal
RW-6	Secure ROW and Construct Honoapiilani Widening from Aholo Street to Lahainaluna Road (STATE)	2	2010 - 2015	State Department of Transportation	24	State, Federal
RW-7	Secure ROW and Construct Lahaina By-Pass from Lahainaluna Road to Launiupoko (STATE)	2	2016 - 2021	State Department of Transportation	66	State, Federal
RW-8	Secure ROW and Construct Mill Street Extension from Aholo Street to Keawe Street (Conceptual)	1	2016 - 2021	Department of Public Works	23.8	County, State, Federal
RW-9	Secure ROW and Construct Lahaina Cane Haul Road from Ukumehame to Aholo Street (Conceptual)	1	2022 - 2030	Department of Public Works	17.5	County, State, Federal
RW-10	Secure ROW Hana Highway/Pa'ia By-Pass (STATE)	2	2022 - 2030	State Department of Transportation	12.4	State, Federal
CIP-Transit						
TR-1	Acquire Land and Work to Develop Central Maui Transit Hub / Park-n-ride	1	2016 - 2021	County Department of Transportation	3.5	County, Federal
TR-2	Acquire Land and Work to Develop Ma'alaea Transit Hub / Park-n-ride	1	2016 - 2021	County Department of Transportation	4	County, Federal
TR-3	Acquire Land and Work to Develop South Maui Transit Hub / Park-n-ride	1	2016 - 2021	County Department of Transportation	4	County, Federal
CIP-Wastewater						
WW-1	Wailuku - Kahului System: Implement and maintain shoreline erosion and tsunami proofing of Wailuku - Kahului Wastewater Reclamation Facility	1	On-going	Department of Environmental Management	TBD	County, Private

Island Plan Element		Priority	Timing	Lead / Coordinating Agency(s)	Estimated Cost (\$ Millions)	Funding Source
Action	Project / Initiative					
CIP-Wastewater						
WW-2	Lahaina Wastewater System: Expansion of reclaimed wastewater system based on needs and cost effectiveness	1	2010 - 2021	Department of Environmental Management	TBD	County, Private
CIP-Solid Waste (Central Maui Landfill)						
SW-1	Close Phase IV - Central Maui Landfill	1	2010 - 2015	Department of Environmental Management	2.5	County
SW-2	Acquire Land and Construct Phase VI - Central Maui Landfill	1	2016 - 2021	Department of Environmental Management	10	County
SW-3	Acquire Land and Construct Phase VII - Central Maui Landfill	1	2022 - 2030	Department of Environmental Management	17	County
CIP-Parks						
PR-1	Central Maui Park Development	1	2016 - 2030	Department of Parks & Recreation	160	County, Private
PR-2	South Maui Park Development	1	2016 - 2030	Department of Parks & Recreation	70	County
PR-3	East Maui Park Development	1	2016 - 2030	Department of Parks & Recreation	60	County, Private
PR-4	West Maui Park Development	1	2016 - 2030	Department of Parks & Recreation	140	County
CIP-Public Facilities						
PF-1	Regional Fire Facilities: A new centrally located fire station which will include a fire training facility, mechanic shop, storage building, and administration building.	1	2016 - 2021	Maui Fire Department	31.2	County
PF-2	Regional Police Facilities: Kihei Police Station	1	2010 - 2015	Maui Police Department	40	County
PF-3	Government Offices and Parking	1	2016 - 2021	Department of Public Works	50	County

Maui Island Plan 2030 Implementation Actions by Element: Programmatic Actions

Island Plan Element		Priority	Timing	Lead / Coordination Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Population						
1.1.1-Action 1	Use an existing agency to facilitate education, employment, housing, social services, and other programs that help retain young adults on Maui.	1	On-going	Department of Housing and Human Concerns	NA	Not Applicable
1.1.1-Action 2	Identify existing and develop new funding sources for youth and family services (e.g., recreation, health care, education, housing, child care, etc.) and integrate such resources to achieve an effective outcome.	1	On-going	Department of Housing and Human Concerns	TBD	County, Private, Non-Profit
1.1.1-Action 3	Develop and regularly conduct a Community Satisfaction Survey to measure residents' quality-of-life, facilitate the development of informed policies/programs, and improve service delivery.	2	On-going	Department of Planning	100	County
Heritage Resources: Cultural Resources						
2.1.1-Action 1	Provide staffing and funding to support cultural resource planning, strengthen enforcement, support cultural programs and educational activities, and utilize the generational knowledge of Native Hawaiian advisory bodies, when appropriate.	1	On-going	Department of Planning	TBD	County, State
2.1.1-Action 2	Establish a program to support the reconstruction, restoration, repair, rebuilding, or preservation of historic sites.	2	On-going	Department of Planning	TBD	County, Federal, Non-Profit
2.1.1-Action 3	Incorporate the following areas of expertise into the Cultural Resources Commission: (1) Generational knowledge; and (2) Kupuna with traditional knowledge of land and ocean practices.	2	On-going	Office of the Mayor, Department of Planning	NA	Not Applicable
2.1.1-Action 4	Develop, expand, and support educational programs, festivals, celebrations and folklore that foster the spirit of aloha.	2	On-going	Office of the Mayor, Office of Economic Development	200	County
2.1.2-Action 1	Commission cultural landscape studies of the entire island to assess areas as potential Heritage Areas.	1	2016 - 2021	Department of Planning	250	County
2.1.2-Action 2	Inventory potential Thematic Cultural Resource areas and submit nominations for State and/ or National Register of Historic Places.	2	On-going	Department of Planning	200	County, Federal
2.1.2-Action 3	Prepare every ten years or whenever necessary an update to the Historic and Cultural Resources Plan and Inventory/Mapping Project that documents existing cultural and historic sites.	1	On-going	Department of Planning	125	County
2.1.2-Action 4	Develop and adopt a Heritage Area Management Program to protect the natural, cultural, scenic, and historic resources to include: (1) A Heritage Area Plan with protection standards for Heritage Areas identified on the Cultural/ Scenic Resources technical reference map; (2) A process to require a Cultural Landscape Report for developments within Heritage Areas; and (3) Consultation with Native Hawaiian advisory bodies, when appropriate.	2	2016 - 2021	Department of Planning	TBD	County, Federal
2.1.3-Action 1	Develop a comprehensive program for protection of cultural, historic and archaeological sites through the acquisition of easements, use of Transfer of Development Rights/Purchase of Development Rights, and other protective mechanisms.	2	On-going	Department of Planning	500	County, Federal, Non-Profit

Island Plan Element		Priority	Timing	Lead / Coordination Agency(s)	Estimated Cost (\$1,000)	Funding Source
Heritage Resources: Cultural Resources						
2.1.3-Action 2	Amend regulations to provide additional protection of lands that are important for traditional native Hawaiian uses including subsistence food gathering, traditional access, agriculture, and religious uses.	2	2016 - 2021	Department of Planning, Department of Land & Natural Resources	TBD	County
2.1.3-Action 3	Establish additional Historic and Archaeological Districts and ensure that land use regulations are implemented to ensure their protection.	2	On-going	Department of Planning, Department of Land & Natural Resources	0	Not Applicable
2.1.3-Action 4	Develop a program to identify and list Historic Places on the State and National Historic Register.	2	2010 - 2020	Department of Planning	500	County, Federal, Private
Heritage Resources: Shoreline						
2.2.1-Action 1	Seek funding and work with other agencies and organizations to establish and prioritize MMAs around Maui's coastline.	2	On-going	Department of Planning, Department of Land & Natural Resources	TBD	County, State, Federal
2.2.1-Action 2	Establish an advisory committee to advocate the conservation and management of coastal resources, including members with generational knowledge; kupuna with traditional and/or area knowledge; and those possessing traditional knowledge of land or ocean practices.	2	2016 - 2021	Department of Planning, Department of Land & Natural Resources	TBD	County, State
2.2.2-Action 1	Adopt coastal landscaping provisions that include standards such as setbacks, buffers, and other measures that promote the use of native plants and xeriscaping.	2	2010 - 2020	Department of Parks & Recreation	50	County
2.2.2-Action 2	Develop a master plan and feasibility study for the preservation and enhancement of the Ma'alaea Beach recreation area and Keālia Pond National Wildlife Refuge to include the possible mauka realignment of North Kihei Road.	2	2022 - 2030	Department of Planning	200	County, State
2.2.2-Action 3	Work with appropriate agencies, landowners, and community groups to identify Maui's Hawaiian fishponds and develop a management plan for their protection, repair, restoration, and use.	2	2016 - 2030	Department of Planning, Department of Land & Natural Resources	100	County, State
2.2.2-Action 4	Implement a Reef Protection and Restoration Plan.	2	2016 - 2030	Department of Planning, Department of Land & Natural Resources	TBD	County, State, Federal, Non-Profit
2.2.3-Action 1	Transition from the use of wastewater injection wells to appropriate, environmentally sound methods of wastewater disposal, and promote the beneficial reuse of wastewater effluent.	2	On-going	Department of Environmental Management	TBD	County, State, Federal
2.2.3-Action 2	Revise regulations: (1) Require the approval of an ESCP for development activities that may pose a threat to water quality. (2) Require an on-site monitoring program, where applicable, when grading may pose a threat to water quality or when recommended in the ESCP. (3) Devise site plan standards using innovative tools. (4) Control the pollutant load by imposing standards that are more restrictive than the State water quality control standards.	2	2016 - 2021	Department of Planning, Public Works	0	Not Applicable
2.2.4-Action 1	Revise subdivision and development regulations to: (1) Increase linear frequency for public access to and along the shoreline; and (2) Require access to and along the shoreline as a condition of subdivision, land use entitlement, and/or discretionary development approval.	1	On-going	Department of Planning, Public Works	0	Not Applicable

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Action	Project / Initiative					
Heritage Resources: Shoreline						
2.2.4-Action 2	Prioritize the acquisition of shoreline parcels in accordance with the recommendations of the Shoreline Access Inventory Update – Final Report (March 2005), and other plans funded by the Coastal Zone Management Program.	1	On-going	Department of Planning	0	County, State, Federal, Non-Profit
2.2.4-Action 3	Implement the Pali to Puamana Plan to facilitate the restoration of shoreline and coastal resources along the eight-mile stretch of seashore from Ukumehame to Puamana.	1	2010 - 2030	Department of Planning	5,000 to 50,000	County, State, Federal
2.2.4-Action 4	Acquire development rights for the lands adjoining Ho`okipa Beach Park, to enhance coastal zone management.	2	2016 - 2030	Department of Parks & Recreation	5,000 to 50,000	County, State, Federal, Non-Profit
2.2.4-Action 5	Acquire coastal lands between the Central Maui Wastewater Reclamation Facility and Pā`ia Town in accordance with the recommendations of the Northshore Greenway Master Plan.	2	2016 - 2030	Department of Planning, Public Works	TBD	County, State, Federal, Non-Profit
2.2.4-Action 6	Develop and adopt funding mechanisms to finance the acquisition of additional shoreline lands in South and West Maui, and other areas as they urbanize.	2	2016 - 2021	Department of Finance	TBD	County, State, Federal, Non-Profit
Heritage Resources: Watersheds						
2.3.1-Action 1	Develop, regularly update, and adopt watershed management plans for regions of the island not covered by existing plans.	2	On-going	Department of Water Supply, Department of Land & Natural Resources	200	County, State, Federal
2.3.1-Action 2	Work with the State and Federal government to ensure instream assessment to assure the reproductive system/cycle for Native species and for other purposes.	2	On-going	Department of Planning	400	County, State, Federal
2.3.2-Action 1	Adopt standards to reduce the amount of nutrients that enter watersheds, and encourage the reduction of landscape fertilizers and pesticide.	1	On-going	Department of Planning, Department of Water Supply, Department of Land & Natural Resources	50	County, State
2.3.2-Action 2	Develop updated grading BMPs that are appropriate for Maui.	2	2010 - 2015	Department of Water Supply, Public Works	0	Not Applicable
2.3.2-Action 3	Implement the Pollution Prevention Plan (PPP) program, which provides incentives for agricultural operations to prevent runoff and nonpoint source pollution.	1	On-going	Department of Water Supply, Public Works, Department of Health	0	Not Applicable
2.3.3-Action 1	Develop standards for appropriate buffers and/or other protective measures for development near or around wetlands.	2	2010 - 2020	Department of Planning, Public Works	0	Not Applicable
2.3.3-Action 2	Enact ordinances to ensure no net loss of wetlands.	2	2010 - 2021	Department of Planning, Public Works	0	Not Applicable
2.3.3-Action 3	Enforce no net loss of wetlands and improve degraded wetlands.	2	On-going	Department of Planning, Department of Land & Natural Resources	TBD	County, State, Federal
2.3.3-Action 4	Assist in the preservation and enhancement of Keālia and Kanahā-Mauoni Ponds; Lā`ie, Kalepolepo, Nu`u, Ukumehame, Olowalu, Launiupoko, and Mākena wetlands; and other wetland areas.	2	On-going	Department of Planning, Department of Land & Natural Resources	TBD	County, State, Federal, Non-Profit
2.3.4-Action 1	Develop tree protection regulations that restrict the removal of vegetation outside of identified building envelopes/protected areas.	2	2010 - 2020	Department of Planning, Parks & Recreation	0	Not Applicable
2.3.4-Action 2	Develop strategic partnerships with conservation groups and organizations to maximize Federal, State, County, and private funding; and increase cooperation to achieve conservation goals.	2	On-going	Department of Planning, Department of Land & Natural Resources	NA	County, State, Federal, Private, Non-Profit

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Action	Project / Initiative					
Heritage Resources: Watersheds						
2.3.5-Action 1	Develop tools, such as CSD plans, to protect watershed resources and sensitive habitats.	2	On-going	Department of Planning, Department of Water Supply	0	Not Applicable
2.3.5-Action 2	Identify and map critical watersheds, sensitive habitats, and those areas susceptible to high erosion and sediment loss.	2	2016 - 2021	Department of Planning	10	County
2.3.6-Action 1	Compile and update data on the needs of the multiple users of water.	1	On-going	Department of Water Supply	0	Not Applicable
Heritage Resources: Wildlife						
2.4.1-Action 1	Develop, and regularly update, an island-wide Environmental Resources Sites' database to serve as a basis for decision making to include the following: natural preserves; watersheds; wetlands; streams; dryland forests; critical habitat areas; natural barrier resources; and other sensitive landforms and features on an Environmental Resources Map.	1	On-going	Department of Planning, Department of Water Supply	TBD	County, State, Federal
2.4.1-Action 2	Prepare the following, in coordination with the State and resource partnerships: (1) An inventory of key habitats that lack regulatory protections; and (2) An inventory of NAPP-eligible lands.	1	2016 - 2021	Department of Planning, Department of Water Supply	TBD	County, State
2.4.1-Action 3	Increase wildlife and natural area planning expertise throughout the County government.	2	On-going	Department of Planning	TBD	County
2.4.1-Action 4	Amend existing regulations to require flora and fauna assessments and protection plans for development in areas with identified concentrations of indigenous flora and fauna.	2	2016 - 2021	Department of Planning	TBD	County, State
2.4.2-Action 1	Work with Federal and State agencies to develop and implement procedures for the inspection of incoming cargo, passenger baggage, and vehicles for invasive species and prohibited plants and animals.	1	On-going	State Department of Transportation	TBD	State, Federal
2.4.2-Action 2	Pursue Federal and other dedicated funding for invasive species intervention at harbors and airports.	1	On-going	State Department of Transportation	NA	State, Federal
2.4.2-Action 3	Pursue Federal and other funding for public/private partnerships to develop and implement environmental protection programs.	2	On-going	Department of Environmental Management	NA	County, State, Federal, Private, Non-Profit
2.4.3-Action 1	Develop management plans for the reforestation of native species' habitats and institute rest periods for designated areas threatened by overuse.	2	2022 - 2030	Department of Planning, Department of Water Supply, Department of Land & Natural Resources	10	County, State, Federal, Non-Profit
2.4.3-Action 2	Develop an inventory of lands, and prioritize urban and rural wilderness areas that are threatened by human impacts and are strong candidates for preservation.	2	2016 - 2021	Department of Planning, Parks & Recreation	0	Not Applicable
Heritage Resources: Scenic Resources						
2.5.1-Action 1	Adopt a Scenic Roadway Corridor Overlay District to establish special controls to mitigate the impact of development on scenic resources.	1	2010 - 2020	Department of Planning	0	Not Applicable
2.5.1-Action 2	Establish a Scenic Roadway Corridor Management Plan and Design Guidelines to guide the development within the Overlay District.	1	2016 - 2021	Department of Planning	50	County
2.5.1-Action 3	Adopt a management plan that identifies right-of-way improvements, utility controls, roadside maintenance activities, signage, potential new vehicular turnoffs, and land acquisition opportunities that would protect the resource.	1	2016 - 2021	Department of Planning, Public Works	100	County

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Action	Project / Initiative					
Heritage Resources: Scenic Resources						
2.5.1-Action 4	Establish design guidelines that integrate techniques such as development clustering, greenbelts, and open space buffers, site plan configuration to protect view planes, building design and height limitations, setbacks from public roadways, landscaping, and other techniques.	1	2016 - 2021	Department of Planning	50	County
2.5.1-Action 5	Create thresholds for new subdivision of land or building permit which is within a Scenic Roadway Corridor viewshed (as mapped by the County) to make them subject to assessment of the projects visual impact and compliance with the design guidelines.	2	2016 - 2021	Department of Planning	NA	Not Applicable
2.5.1-Action 6	The County shall use the management plan and design guidelines to review site designs, development applications, and capital improvement programs to ensure that they do not degrade Maui's scenic roadways and resources.	2	On-going	Department of Planning	NA	Not Applicable
2.5.1-Action 7	Develop and adopt standards to protect ridgelines, slopes, and view planes from development.	1	2010 - 2020	Department of Planning	0	Not Applicable
2.5.1-Action 8	Develop and adopt regulations to protect night-sky resources from encroachment by the built environment, and limit night-light emissions and light-intensity levels.	2	2022 - 2030	Department of Public Works	0	Not Applicable
2.5.2-Action 1	Develop, adopt, and implement a Scenic Resources Management Plan and design guidelines.	2	2010 - 2020	Department of Planning	100	County
2.5.2-Action 2	Develop and adopt an ordinance that requires Scenic Resource Impact Assessments for projects that may have potential impact on scenic resources.	2	2010 - 2020	Department of Planning	0	Not Applicable
2.5.2-Action 3	Develop and adopt standards and processes to: (1) Ensure that the location and design of utility poles, facilities, and infrastructure do not degrade scenic resources; (2) Require utilities to be placed underground, whenever feasible; and (3) Require UDRB to review and approve the installation of utilities along scenic corridors.	2	2010 - 2020	Department of Planning	0	Not Applicable
2.5.3-Action 1	Revise land use regulations to: (1) Require access, where appropriate, to scenic vistas and resources, provided such access is culturally acceptable; (2) Limit the height of walls; and (3) Require appropriate setbacks and site design along scenic corridors.	2	2010 - 2020	Department of Planning, Public Works	NA	Not Applicable
2.5.3-Action 2	Develop additional Scenic Lookout points.	2	2010 - 2030	Department of Public Works, State DOT	TBD	County, State, Federal
Natural Hazards						
3.1.1-Action 1	Consolidate and update the geographic information systems (GIS) hazards data bank in the Maui County Emergency Operations Center. Allow for the use of outside data to be included in the data bank.	1	2010 - 2017	Civil Defense	50	County
3.1.1-Action 2	Acquire the latest GIS technology in hazard, risk, and vulnerability assessments.	2	On-going	Civil Defense	TBD	County
3.1.1-Action 3	Establish a standing County Hazard Mitigation Committee, comprised of representatives from all levels of government and the private sector.	2	2010 - 2015	Civil Defense	TBD	County
3.1.2-Action 1	Develop an Emergency Management Center in Central Maui.	2	2016 - 2021	Civil Defense	TBD	TBD
3.1.2-Action 2	Implement the HMP, and subsequent updates, to the extent it is consistent with MIP.	2	On-going	Civil Defense	TBD	TBD

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Action	Project / Initiative					
Natural Hazards						
3.1.2-Action 3	Develop a Post-Disaster Recovery and Reconstruction Plan that will ensure Maui's resilience to coastal hazards.	2	2010 - 2015	Civil Defense	TBD	County
3.1.2-Action 4	Develop plans and/or incentives to do the following: (1) Encourage rebuilding inland as an alternative to shoreline hardening; (2) Streamline the reconstruction of structures that are moved substantially inland; (3) Encourage the relocation of existing structures so they are away from shoreline areas; and (4) Encourage the relocation of vulnerable coastal roads that are susceptible to destruction from natural hazards, such as a portion of North Kihei Road and the Pali to Puamana realignment.	2	2016 - 2021	Department of Planning, Public Works	TBD	County
3.1.2-Action 5	Periodically update the shoreline rules to enable the Maui Planning Commission to provide safe setbacks from the shorelines and incorporate best management practices.	2	On-going	Department of Planning	NA	County, State
3.1.2-Action 6	Use and update the Federal Emergency Management Agency-Digital Flood Insurance Rate Maps (DFIRM) in the permitting process to minimize development in flood-prone areas.	2	On-going	Department of Planning	NA	County, Federal
3.1.2-Action 7	Following each coastal erosion disaster, identify and document the new shoreline position to be used for reviewing future development.	2	On-going	Department of Planning	NA	Not Applicable
3.1.2-Action 8	Following each natural disaster, gather data to plan for future disaster events.	2	On-going	Civil Defense	NA	Not Applicable
3.1.2-Action 9	Update coastal planning requirements to factor in incremental effects of rising sea levels.	2	On-going	Department of Planning	NA	Not Applicable
3.1.2-Action 10	Increase water storage and development of additional capacity in Upcountry Maui and other areas susceptible to drought and encourage efficiency in conservation programs.	1	On-going	Department of Water Supply	TBD	County
3.1.3-Action 1	Develop an island-wide evacuation routes plan.	1	2010 - 2020	Civil Defense	50	County
3.1.3-Action 2	Identify and develop required shelter capacity.	1	2010 - 2030	Civil Defense	TBD	TBD
3.1.3-Action 3	Plan for opening and staffing the shelters to ensure that the facilities are made available at the time of evacuation orders.	2	On-going	Civil Defense	NA	Not Applicable
3.1.4-Action 1	Develop regularly scheduled mitigation training for public and private emergency responders and establish volunteer groups to elevate public awareness of emergency procedures.	2	On-going	Civil Defense, Maui Police Department	40	County
Economic Development: Diversification						
4.1.2-Action 1	Regularly study market trends with the intent to attract new industries that are environmentally/culturally appropriate for Maui.	1	On-going	Office of the Mayor, Office of Economic Development	200	County, State
4.1.2-Action 2	Develop programs that brand all locally produced services and products or devise other measures to achieve import substitution.	2	2016 - 2021	Office of the Mayor, Office of Economic Development	100	County
4.1.2-Action 3	Create a database of imports suitable for substitution by locally produced services and products and annually report on progress made towards import substitution.	1	On-going	Office of the Mayor, Office of Economic Development	50	County
4.1.3-Action 1	Develop and implement innovative land use tools, public / private transportation incentives, and flexible business practices to reduce travel costs and job trips.	2	2022 - 2030	Department of Planning, County DOT, State DOT	TBD	County

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Action	Project / Initiative					
Economic Development: Tourism						
4.2.1-Action 1	Conduct and regularly update an impact assessment (social, economic, and environmental) of the costs and benefits of mega-resort, timeshare, vacation rental, and other types of visitor accommodations.	2	On-going	Department of Planning	100	County
4.2.1-Action 2	Seek additional revenues to offset the potential loss of HTA funds that will help support niche activities.	1	On-going	Office of Economic Development	NA	County, State, Federal, Private
4.2.1-Action 3	Develop a yearly performance report to the Maui County Council that describes the returns resulting from expenditures of public funds/grants that are awarded for the visitor industry.	2	On-going	Office of the Mayor, Office of Economic Development	20	County
4.2.2-Action 1	Manage transient vacation rentals through permitting in accordance with adopted regulations and community plan policies.	2	On-going	Department of Planning	NA	Not Applicable
4.2.2-Action 2	Work cooperatively to establish a comprehensive set of resource management standards, including protection of Native Hawaiian rights and certification programs for ecotourism.	2	2016 - 2021	Department of Planning	100	County
4.2.2-Action 3	Develop programs and/or regulations to: (1) Allow for the development of small, locally-owned inns and B&Bs in the commercial cores of Maui's country towns and business districts if permitted, and as defined in the community plans; (2) Cap the number and type of visitor accommodations that can be permitted; and (3) Manage the number and type of visitor accommodations that can be permitted.	2	2016 - 2021	Department of Planning	0	Not Applicable
4.2.2-Action 4	Develop design guidelines for small, locally-owned inns, retreat centers, and like-kind accommodations.	2	2016 - 2021	Department of Planning	20	County
Economic Development: Agriculture						
4.3.1-Action 1	Encourage the development of community gardens, including gardens on greenbelts that separate communities.	2	2010 - 2021	Office of the Mayor, Office of Economic Development	0	Not Applicable
4.3.1-Action 2	Establish benchmarks to monitor progress towards achieving island-wide food self-sufficiency.	2	On-going	Office of the Mayor, Office of Economic Development	25	County
4.3.1-Action 3	Propose revisions to the zoning ordinance to allow the direct marketing of the island's agricultural products through farmers markets, "pick-your-own" farms, farm stands, and similar venues.	2	2016 - 2021	Department of Planning	NA	Not Applicable
4.3.2-Action 1	Bi-annually update the Maui Agricultural Development Plan to provide strategic direction for the expansion of agriculture on Maui and to determine ongoing direct and indirect benefits of agriculture on Maui.	2	2016 - 2021	Office of the Mayor, Office of Economic Development	75	County
4.3.2-Action 2	Increase staffing within the Office of Economic Development to promote agricultural development, as financially feasible.	2	2010 - 2021	Office of the Mayor, Office of Economic Development	80	County, State
4.3.3-Action 1	Implement the Maui Agricultural Development Plan (July 2009) and its updates, when consistent with the MIP.	2	On-going	Office of the Mayor, Office of Economic Development	50	County, State, Federal, Private
4.3.3-Action 2	Develop a program to expand the seed crop industry consistent with safe GMO practices.	2	On-going	Office of the Mayor, Office of Economic Development	0	Not Applicable
Economic Development: Emerging Industries						
4.4.1-Action 1	Develop streamlined permitting procedures for emerging industries.	2	2016 - 2021	Department of Planning	NA	Not Applicable

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Action	Project / Initiative					
Economic Development: Emerging Industries						
4.4.1-Action 2	Prepare a list of environmentally and culturally sensitive and appropriate industries that would potentially benefit Maui as listed in the updated CEDS report.	1	2010 - 2017	Office of Economic Development	NA	Not Applicable
4.4.2-Action 1	Publicize renewable energy production opportunities to potential investors.	2	On-going	Office of the Mayor, Office of Economic Development	5	County, State
4.4.2-Action 2	Support the implementation of a wheeling tariff.	2	On-going	Office of Economic Development	NA	Not Applicable
4.4.2-Action 3	Develop plans, programs, and incentives to: (1) Attract/strengthen/retain renewable energy businesses; and (2) Assist businesses and homeowners to obtain/install/use solar, wind, and other forms of renewable energy facilities.	2	2016 - 2021	Office of the Mayor, Office of Economic Development	NA	County
4.4.2-Action 4	Implement the goals and objectives of the Maui County Energy Alliance Plan where consistent with the MIP and financially feasible.	2	On-going	Office of Economic Development	TBD	County, State, Federal
Economic Development: Small Business						
4.5.1-Action 1	Develop and market an online directory of local small businesses and their products/services.	2	On-going	Office of Economic Development	10	County
4.5.1-Action 2	Provide business assistance, workshops, and marketing programs to small businesses to establish and enhance their viability.	1	On-going	Office of the Mayor, Office of Economic Development	TBD	County
4.5.1-Action 3	Review and revise regulations and procedures to improve Maui's small-business climate.	1	On-going	Department of Planning	TBD	County
4.5.1-Action 4	Develop a program and revise procedures to facilitate government procurement of goods and services from local businesses.	2	2010 - 2015	Department of Finance	0	Not Applicable
4.5.1-Action 5	Develop and enhance programs that help locally-operated small businesses to market and provide goods and services to visitors and the visitor industry.	2	2010 - 2021	Office of the Mayor, Office of Economic Development	TBD	County
4.5.1-Action 6	Adopt the UBC's Uniform Code for Building Conservation to reduce the cost of rehabilitating older structures for commercial and other uses.	2	2016 - 2021	Department of Public Works	NA	Not Applicable
4.5.1-Action 7	Continue to work with small businesses and direct them to organizations that provide loans.	2	On-going	Office of Economic Development	NA	Not Applicable
Economic Development: Health Care Sector						
4.6.3-Action 1	Support the alternative health practices industry as well as local entrepreneurs who offer related services.	2	On-going	Department of Planning	TBD	TBD
Economic Development: Education and Workforce						
4.7.2-Action 1	Consider a labor force capacity study to project the future supply and demand for knowledge-based workers to serve Maui's technology-related needs.	2	2016 - 2021	Office of the Mayor, Office of Economic Development	50	County
4.7.2-Action 2	Partner with the State and other entities toward the development of a County database of health care resources such as workforce, area shortages, and present and future needs, up to and including a plan to address such needs.	2	2016 - 2030	Office of Economic Development	NA	Not Applicable
4.7.2-Action 3	Work with the UHMC, trade unions, and other entities to develop curriculum and certification programs relating to design, installation, and operation/maintenance of renewable energy systems.	2	On-going	Office of Economic Development	NA	Not Applicable

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Economic Development: Education and Workforce						
4.7.2-Action 4	Work with appropriate institutions and trade unions to develop and implement a certification program on current or emerging building code and land use regulations and consider conducting a County training program on same.	2	On-going	Department of Planning, Public Works	50	County
Housing						
5.1.1-Action 1	Amend development codes to facilitate different types of housing, including mixed use, mixed housing types, clustering, and conservation subdivisions.	1	2010 - 2021	Department of Planning, Public Works	0	Not Applicable
5.1.1-Action 2	Do a study to determine optimum permit processing times on affordable housing development approvals while ensuring that community and environmental standards are addressed.	1	2016 - 2021	Department of Planning, Public Works	0	Not Applicable
5.1.1-Action 3	Establish the rules and mechanisms to establish a Maui “master list” of affordable housing projects and land entitled for affordable housing so that residents will be able to obtain an affordable unit in a fair and expeditious manner.	1	On-going	Department of Planning, Housing & Human Concerns	0	Not Applicable
5.1.1-Action 4	Study successful models of affordable housing projects/units and adopt appropriate minimum design standards that satisfy the needs of Maui’s residents.	2	2010 - 2021	Department of Planning, Housing & Human Concerns, Public Works	0	Not Applicable
5.1.1-Action 5	Amend zoning and historic preservation ordinances/rules to support adaptive reuse opportunities.	1	2022 - 2030	Department of Planning	0	Not Applicable
5.1.1-Action 6	Develop incentives to promote projects that achieve the Leadership in Energy and Environmental Design (LEED) Silver or Gold certification.	2	2016 - 2021	Department of Planning, Water Supply, Public Works	0	Not Applicable
5.1.2-Action 1	Develop appropriate incentives to encourage the production of required affordable housing during the different stages of an economic cycle.	1	2016 - 2021	Department of Housing and Human Concerns	TBD	County
5.1.2-Action 2	Develop and maintain a reporting system/database and related maps for the following: (1) Existing/newly constructed housing units that are affordable to very low-, low-, and moderate-income households; (2) The location and quantity of housing that is used by visitors/second home; and (3) Property tax information, including property land use designations, tax rates, acquisition price, and market value assessments.	1	On-going	Department of Planning, Housing & Human Concerns, Finance	50	County
5.1.2-Action 3	Explore the benefits and costs of revising the County’s property tax rates to make them more responsive to the needs of the citizens in the area of affordable housing.	2	2010 - 2015	Department of Finance	0	Not Applicable
5.1.2-Action 4	Develop incentives for locating new workforce housing in proximity to jobs and services.	1	2016 - 2021	Department of Planning, Housing & Human Concerns, Finance	TBD	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Housing						
5.1.3-Action 1	Consider the following actions in housing-related code amendments: (1) Give a higher priority to the construction of actual units and a lower priority to the provision of land, over the current alternative in-lieu fee payment; (2) Require recordation of a covenant to ensure that the required affordable units in a project remain affordable for perpetuity; (3) Consider that affordable houses be developed and available concurrently with market units; (4) Encourage the development of affordable “for-sale” and rental housing through incentives; (5) Consider a rent stabilization program to ensure that rental housing remains affordable; (6) For the sale prices of required affordable housing units, evenly distribute prices over the range of the subject income category; and (7) Expedite permitting for affordable housing projects approved pursuant to the residential workforce housing ordinance.	2	2016 - 2021	Department of Housing and Human Concerns	0	Not Applicable
5.1.3-Action 2	Support/help in the creation of Community Development Corporations to facilitate the development and maintenance of affordable housing.	2	2022 - 2030	Department of Housing and Human Concerns	TBD	County
5.1.3-Action 3	Enhance our existing affordable housing financing program to include the following elements: (1) An affordable housing assessment on commercial and residential properties. (2) A real estate transfer tax imposed on visitor units, TVRs, and residential housing that is not affordable for residents with household incomes of up to 200 percent of the island median household income.	2	2016 - 2021	Department of Housing & Human Concerns, Finance	50	County
5.1.3-Action 4	Explore flexible funding for the affordable housing fund/program based on County tax revenues.	2	2010 - 2015	Department of Finance	0	Not Applicable
5.1.3-Action 5	Actively pursue appropriate Federal, State, County, and private grants/subsidies to facilitate affordable housing projects.	1	On-going	Department of Housing and Human Concerns	0	Not Applicable
5.1.4-Action 1	Prioritize Capital Improvement Projects that commit to building appropriately planned affordable housing-related projects.	2	On-going	Office of the Mayor	0	Not Applicable
5.1.5-Action 1	Develop financing mechanisms to assist low-income elders and other high-risk/disadvantaged patients who need residential and institutional health care to remain in affordable housing that is part of a community development project.	2	On-going	Department of Housing & Human Concerns, Finance	TBD	County, State, Federal
5.1.5-Action 2	Create or assist in creating programs that provide affordable housing to seniors, the disabled, and those returning from mental health institutions, correctional institutions, and drug rehabilitation.	1	On-going	Department of Housing and Human Concerns	TBD	County, State, Federal
5.1.5-Action 3	Help in securing/leveraging federal grants, low income housing tax credits, and other resources that support affordable housing for special needs populations.	1	On-going	Department of Housing and Human Concerns	0	Not Applicable
5.1.5-Action 4	Develop and maintain indicators to monitor homelessness.	1	On-going	Department of Housing and Human Concerns	0	Not Applicable
5.1.5-Action 5	Partner with the private sector/nonprofit organizations to develop and maintain an adequate supply of emergency shelters and transitional housing.	1	On-going	Department of Housing and Human Concerns	TBD	County, State, Federal
5.1.5-Action 6	Amend the Zoning/Subdivision Codes to streamline and facilitate the development of elder care/assisted living facilities, as well as housing/facilities that are Americans with Disabilities Act-compliant.	2	2010 - 2015	Department of Public Works	50	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Housing						
5.1.5-Action 7	Waive County review fees to modify dwelling units to accommodate the needs of people with disabilities (reasonable accommodation).	2	On-going	Department of Planning, Public Works	TBD	County
5.1.5-Action 8	Explore the adoption of an aging-in-place ordinance.	1	2010 - 2017	Department of Planning, Housing & Human Concerns	50	County
5.1.6-Action 1	Develop a comprehensive, flexible system of incentives to develop affordable housing, including: (1) Reduction or waiver of impact, assessment, and permit fees; (2) Density bonuses; (3) Exemptions from subdivision and zoning standards; (4) Building code modifications while maintaining health and safety; and (5) Possible use of publicly owned lands.	1	2016 - 2021	Department of Planning, Housing & Human Concerns, Public Works	TBD	County
5.1.6-Action 2	Streamline the permitting process as follows: (1) Within one year of this plan's adoption, adopt new administrative rules that streamline and clarify the permitting process; (2) Consider using outside consultants (third-party review); (3) Implement a one-stop permitting process; and (4) Adopt a set of standards so permitting is administrative and as ministerial as possible.	1	On-going	County of Maui	0	Not Applicable
5.1.7-Action 1	Revise regulations to allow for indigenous Hawaiian architectural practices, styles, customs, techniques, and materials, in accordance with Section 46-1.55, Hawai'i Revised Statutes.	2	2022 - 2030	Department of Planning, Public Works	0	Not Applicable
5.1.7-Action 2	Encourage the use of alternative building materials (e.g., bamboo).	1	On-going	Department of Public Works	0	Not Applicable
Infrastructure: Solid Waste						
6.1.1-Action 1	Implement the ISWMP through programs/improvements/upgrades of the solid waste management system and the Capital Improvement Project (CIP) budget in a timely manner.	1	On-going	Department of Environmental Management	TBD	County, Federal
6.1.1-Action 2	Regularly update waste generation, reuse, recycling, and disposal data for monitoring and implementation purposes.	1	On-going	Department of Environmental Management	NA	Not Applicable
6.1.1-Action 3	Educate the public about the importance and cost savings of solid waste reduction.	2	On-going	Department of Environmental Management	0	Not Applicable
6.1.2-Action 1	Implement a comprehensive, curbside recycling program.	1	2010 - 2021	Department of Environmental Management	TBD	County
6.1.2-Action 2	Develop regulations, programs, funding opportunities, and/or incentives to: (1) Increase recycling of used appliances/furniture/electrical/components/clothing/other household items and recyclable materials; (2) Increase the number of composting centers; (3) Reduce solid wastes generated by packaging, food service products, home construction waste, etc.; (4) Construct materials recovery facilities (MRFs) including a facility in Central Maui, in accordance with the ISWMP, and investigate a cost-recovery fee to meet funding needs; and (5) Discourage slow degradable materials, e.g., Styrofoam.	2	2010 - 2015	Department of Environmental Management	TBD	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Infrastructure: Solid Waste						
6.1.2-Action 3	Develop public outreach/education/incentive programs to increase awareness to reduce, reuse, and recycle.	2	On-going	Department of Environmental Management	TBD	County
6.1.2-Action 4	Prepare a study to assess the feasibility of a future waste to energy program.	2	2010 - 2015	Department of Environmental Management	TBD	County
6.1.2-Action 5	Identify and develop a recycling/redemption facility at an appropriate location in West Maui.	2	2010 - 2015	Department of Environmental Management	TBD	County
Infrastructure: Wastewater						
6.2.2-Action 1	Implement the following to ensure effective, safe multi-user wastewater treatment systems: (1) Amend County regulations and plans to ensure adequate operating procedures, treatment standards, and monitoring programs; (2) Establish treatment and capacity requirements suitable for the required level of service/use; and (3) Require private treatment facilities or public-private funded facilities to provide financial assurance, including bonds, for the following: a. Repair, removal, or replacement of any system components reaching the end of intended service life; and b. Enforcement of other needed corrective action(s) or guaranteeing uninterrupted operation in case of bankruptcy, abandonment, or any other default on financial obligation.	2	2010 - 2021	Department of Environmental Management, Department of Health	TBD	County
6.2.2-Action 2	Work with the State toward the phase out of cesspools.	2	On-going	Department of Environmental Management	0	Not Applicable
6.2.2-Action 3	Conduct and implement technical studies to identify appropriate level of service and potential funding mechanisms to augment the funding available for ongoing upgrade/maintenance of the wastewater system.	2	2016 - 2021	Department of Environmental Management	250	County
6.2.3-Action 1	Identify potential new users of treated effluent and implement the necessary improvements to supply this water through the County CIP.	2	2010 - 2030	Department of Environmental Management	TBD	County, Federal
6.2.3-Action 2	Amend County regulations to allow for the use of grey water for approved purposes.	2	2010 - 2015	Department of Public Works	NA	County
6.2.3-Action 3	Create education, marketing, and incentive programs that promote the reuse/recycling of wastewater.	2	2016 - 2021	Department of Environmental Management	TBD	County
Infrastructure: Water						
6.3.1-Action 1	Implement the WUDP.	2	On-going	Department of Water Supply	TBD	County, Federal, Private
6.3.1-Action 2	Develop site selection studies for water storage and supply facilities for each community plan area.	2	On-going	Department of Water Supply	300	County
6.3.1-Action 3	Prepare and implement a plan to identify and prioritize infrastructure requirements needed to accommodate nonpotable water for irrigation.	2	2010 - 2021	State Department of Agriculture	250	County, State, Federal
6.3.1-Action 4	Work with the State to set standards for the amount of water withdrawn from aquifers and other groundwater sources to ensure the long-term health and sustainability of the resource.	2	On-going	Department of Water Supply	NA	Not Applicable
6.3.1-Action 5	Produce an annual evaluation of the state of available water resources on the island.	2	On-going	Department of Water Supply	NA	Not Applicable

Island Plan Element				Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative	Priority	Timing			
Infrastructure: Water						
6.3.2-Action 1	Develop programs to increase the efficiency of all water system elements.	2	On-going	Department of Water Supply	0	Not Applicable
6.3.2-Action 2	Develop, adopt, and implement water source development siting standards that implement the MIP Directed Growth Plan and the WUDP, and protect water quality for existing and future consumers.	2	On-going	Department of Water Supply	0	Not Applicable
6.3.2-Action 3	Revise County regulations to require high-efficiency, low-flow plumbing fixtures in all new construction.	2	2010 - 2015	Department of Water Supply, Public Works	NA	Not Applicable
6.3.2-Action 4	Pursue development of additional potable water sources to keep pace with the County's needs.	1	On-going	Department of Water Supply	TBD	County
6.3.2-Action 5	Identify and develop renewable energy systems to serve the DWS.	2	On-going	Department of Water Supply	TBD	County
6.3.2-Action 6	Develop a water rate structure that encourages conservation and discourages the excessive use of water.	2	On-going	Department of Water Supply	NA	County
6.3.2-Action 7	Develop a comprehensive water conservation ordinance to include xeriscaping regulations to promote water conservation.	2	2010 - 2016	Department of Water Supply	NA	Not Applicable
6.3.2-Action 8	Update DWS reliability and drought standards, and continue to evaluate as needed in light of updated regulation and rainfall and flow data.	2	On-going	Department of Water Supply	0	Not Applicable
6.3.3-Action 1	Ensure water quality and quantity report results are provided in a timely manner to consumers when water quality or quantity falls below standards.	2	On-going	Department of Water Supply	0	Not Applicable
6.3.3-Action 2	Complete and implement DWS wellhead-protection program to protect the water quality of public and private wells.	2	2010 - 2030	Department of Water Supply	TBD	County, State
Infrastructure: Transportation						
6.4.1-Action 1	Explore the benefits and costs of establishing a Metropolitan Planning Organization to serve Maui's transportation needs.	1	2014 - 2021	Department of Planning, Public Works, County DOT	TBD	County, State, Federal
6.4.1-Action 2	Develop and implement in a timely manner appropriate Transportation System Management (TSM) and Transportation Demand Management (TDM) programs in accordance with a Comprehensive Long Range Multimodal Plan.	2	2010 - 2021	Department of Public Works, County DOT, State DOT	TBD	County, State, Federal
6.4.1-Action 3	Study the feasibility of High Occupancy Vehicle (HOV) lanes within or adjacent to major arterials.	2	2016 - 2021	Department of Public Works, County DOT, State DOT	TBD	County, State
6.4.1-Action 4	Optimize traffic signal timing and coordination to reduce travel time and delay.	2	2010 - 2030	Department of Public Works, State DOT	TBD	County, State
6.4.1-Action 5	Establish additional park-n-ride facilities in key locations.	2	2010 - 2021	Department of Public Works, County DOT	TBD	County, Federal, Private
6.4.2-Action 1	Revise the subdivision ordinance to require developers, where appropriate, to integrate sidewalks, pathways, bikeways, and transit infrastructure into new commercial and residential projects, while enhancing community character.	2	2016 - 2021	Department of Public Works	0	Not Applicable
6.4.2-Action 2	Implement the Upcountry Greenway Master Plan (2004), and other approved greenway plans, consistent with the MIP, and County and State transportation plans.	2	On-going	Department of Planning, Public Works	TBD	County, Federal, Private
6.4.2-Action 3	Develop and adopt regulations to require developments to dedicate right-of-way consistent with State and County transportation plans prior to or as the phases of the developments become operational.	1	2010 - 2015	Department of Public Works, State DOT	NA	Not Applicable

Island Plan Element		Priority	Timing	Lead / Coordination Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Infrastructure: Transportation						
6.4.2-Action 4	Implement pedestrian and bikeway plans.	1	On-going	Department of Public Works, Planning, State DOT	TBD	County, State, Federal
6.4.3-Action 1	Adopt and amend County regulations to incorporate design standards for roadways, transit, and pedestrian facilities that ensure protection of the natural environment and each community's sense of place.	2	2010 - 2017	Department of Planning, Public Works, County DOT	TBD	County
6.4.3-Action 2	Develop, adopt, and regularly update the mapping of Scenic Corridor Protection standards that implement the recommendations of the Scenic Roadway Corridors Management Plan and Design Guidelines.	1	2010 - 2017	Department of Planning	NA	Not Applicable
Infrastructure: Transit						
6.5.1-Action 1	Amend the County subdivision and development regulations to require, where appropriate, transit-supportive roadway infrastructure.	1	2010 - 2017	Department of Public Works, County DOT	75	County
6.5.1-Action 2	Develop and adopt an ordinance to require developments, if appropriate, to provide private shuttle services connecting to public transit or appropriate impact fees for transportation improvements.	2	2010 - 2015	Department of Planning, County DOT	0	Not Applicable
6.5.1-Action 3	Prepare a study to: (1) Prioritize transit corridors and stations; (2) Develop an implementation program to preserve sites and ROWs for necessary facilities; and (3) Identify alternative funding approaches including public-private partnerships.	2	2016 - 2021	Department of Planning, Public Works, County DOT	TBD	County, State, Federal
6.5.1-Action 4	Regularly conduct transit system needs-assessment surveys to ensure community satisfaction, and provide opportunities for transit-system users to make suggestions on ways to improve services.	2	On-going	County Department of Transportation	TBD	County
6.5.1-Action 5	Work with rental car agencies to consider expansion of their agencies into high population areas such as West and South Maui.	2	On-going	State Department of Transportation	TBD	Private
6.5.1-Action 6	Designate, map, and preserve, or develop corridors to support mass-transit solutions.	2	2016 - 2030	Department of Public Works, County DOT, State DOT	TBD	County, State, Federal
6.5.2-Action 1	Conduct and implement technical studies to identify potential funding for ongoing maintenance and upgrades of transportation systems (transportation impact fees, community facilities districts, etc.).	2	On-going	County Department of Transportation	TBD	County
6.5.2-Action 2	Establish alternative financing programs such as transportation impact fees, community facilities districts, transfer of development rights, or dedicated sources of funding.	2	2016 - 2021	Department of Planning, County DOT	TBD	County
Infrastructure: Parks						
6.6.1-Action 1	Identify government ROWs to determine if they can be incorporated into an island-wide parks and recreation functional plan.	1	2014 - 2020	Department of Parks & Recreation	0	Not Applicable
6.6.1-Action 2	Identify community partners for the maintenance and ownership of community park facilities.	1	On-going	Department of Parks & Recreation	0	Not Applicable
6.6.1-Action 3	Develop, adopt and regularly update an island-wide parks and recreation functional plan that incorporates facilities, programs, and a financial component.	1	2014 - 2021	Department of Parks & Recreation	400	County
6.6.1-Action 4	Institute regularly-held, inter-agency coordination meetings to facilitate the implementation of the functional plan.	2	On-going	Department of Parks & Recreation	0	Not Applicable

Island Plan Element		Priority	Timing	Lead / Coordination Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Infrastructure: Parks						
6.6.2-Action 1	Develop and adopt LOS and design standards for parks and recreational facilities.	1	2016 - 2021	Department of Parks & Recreation	300	County
6.6.2-Action 2	Identify and acquire appropriate park sites in accordance with a parks and recreation functional plan.	1	2016 - 2030	Department of Parks & Recreation	TBD	County, State, Federal, Non-Profit
6.6.2-Action 3	Implement parks and recreational plans, consistent with the MIP, including the North Shore Bikeway Master Plan; Upcountry Greenway Master Plan; South Maui Community Park and Open Space Master Plan; Pali to Puamana Parkway Master Plan; Shoreline Access and Inventory Update-Final Report; South Maui Heritage Corridor; and North Shore Corridor Report.	1	2010 - 2030	Department of Parks & Recreation	100	County
6.6.2-Action 4	Develop a regional park and fairground in Central Maui, and regional parks in South and West Maui.	1	2014 - 2021	Department of Parks & Recreation	See CIP PR-1	County, Private
6.6.2-Action 5	Amend County zoning and subdivision ordinances to require development to incorporate a mixture of park facilities into large master-planned communities.	1	2013 - 2022	Department of Planning, Public Works	NA	Not Applicable
6.6.2-Action 6	Develop additional historical and cultural parks.	2	2015 - 2025	Department of Planning, Parks & Recreation	TBD	TBD
6.6.2-Action 7	Establish community-based advisory boards where necessary to help prioritize the purchase of park and recreational lands and facilities.	2	2018 - 2030	Department of Planning, Parks & Recreation	TBD	TBD
6.6.3-Action 1	Amend development regulations to ensure the construction of adequate parking with pathways near shoreline access points.	1	2014 - 2022	Department of Planning, Parks & Recreation	NA	Not Applicable
6.6.3-Action 2	Amend the Maui County Code to provide better access and proper stewardship of traditional trails and access systems.	1	2016 - 2030	Department of Parks & Recreation	NA	Not Applicable
6.6.3-Action 3	Develop an educational program for private land owners and the general public to ensure proper stewardship of the islands' trail and access systems.	2	2010 - 2021	Department of Parks & Recreation, Department of Land & Natural Resources	TBD	County, State
6.6.3-Action 4	Develop public campgrounds in suitable locations throughout the island.	2	2016 - 2022	Department of Parks & Recreation, Department of Land & Natural Resources	4,000	County, State, Federal
6.6.3-Action 5	Create opportunities to utilize portions of public parks for community gardens.	2	2010 - 2021	Department of Parks & Recreation	TBD	County
Infrastructure: Public Facilities						
6.7.1-Action 1	Establish an archive center to preserve both digital and hardcopy documents that are important to Maui's planning process.	2	2022 - 2030	Department of Planning, Information Technology Services Division	NA	Not Applicable
Infrastructure: Schools and Libraries						
6.8.2-Action 1	Conduct an inventory to determine safety obstacles along school access routes and work with the State to address safety concerns for students who are unable to utilize school bus transport.	1	2010 - 2021	Department of Public Works, Department of Education	TBD	County, State, Federal
6.8.2-Action 2	Work with the State to coordinate the siting and development of future school facilities, bikeways, pedestrian paths, and greenways to encourage mobility.	2	On-going	Department of Planning, Department of Education	0	Not Applicable
6.8.2-Action 3	Amend County zoning and subdivision regulations to require development within the vicinity of schools, libraries, community centers, and other public facilities to provide bike-and pedestrian-friendly infrastructure and traffic calming features.	1	On-going	Department of Planning, Public Works	NA	Not Applicable

Island Plan Element		Priority	Timing	Lead / Coordination Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Infrastructure: Health Care						
6.9.1-Action 1	Work with Federal and State legislators to enact legislation and secure funding to meet Maui's health care needs.	2	On-going	Office of Economic Development, Department of Housing & Human Concerns	0	Not Applicable
6.9.2-Action 1	Work with the State to secure the construction of long-term care facilities (particularly in South and West Maui), expand and modernize Kula hospital without jeopardizing its status as a registered historic structure, and establish geriatric training programs.	2	2010 - 2021	Department of Health	TBD	County, State, Federal, Private
6.9.2-Action 2	Monitor current and future long-term care bed needs and ensure that such needs are met consistently with the Maui Bed Needs Study.	1	On-going	Department of Housing and Human Concerns	0	Not Applicable
6.9.3-Action 1	Gradually expand the "Aging-in-Place" education program for home builders and homeowners.	1	On-going	Department of Housing and Human Concerns	0	Not Applicable
6.9.3-Action 2	Expand the responsibilities of the Department of Housing and Human Concerns to include providing support for the following community-based services: (1) The Hāna "Aging-in-Place Retrofit Project"; (2) Transportation services for seniors and persons with disabilities; and (3) Home-delivered meals programs, like Meals on Wheels, to underserved communities.	1	On-going	Department of Housing & Human Concerns, County DOT	TBD	TBD
6.9.3-Action 3	Expand programs that utilize able-bodied seniors to voluntarily assist other seniors and disabled who are homebound.	1	On-going	Department of Housing and Human Concerns	TBD	County, State, Federal
6.9.4-Action 1	Offer culturally-sensitive programs to address healthy lifestyles, mental health, dental health, substance abuse, and chronic/life-threatening diseases.	1	On-going	Department of Housing and Human Concerns	TBD	County, State, Federal
Infrastructure: Energy						
6.10.1-Action 1	Work with the Energy Management Program to: (1) Audit County facilities, operations, and equipment; (2) Develop programs and projects to achieve greater energy efficiency and reduction in fossil fuel use; (3) Develop and maintain data and reports on island energy consumption; (4) Phase out inefficient fossil-fueled vehicles; and (5) Assist homeowners and businesses in reducing fossil fuel consumption.	1	On-going	Office of Economic Development	TBD	County
6.10.3-Action 1	Install and maintain back-up power systems at County facilities for critical public health and safety purposes.	1	2010 - 2030	Civil Defense	TBD	County, Federal
6.10.3-Action 2	Establish incentives or exemptions for renewable energy production facilities except for public utility companies.	2	On-going	Department of Finance	NA	County
6.10.4-Action 1	Avoid the use of power poles where possible for new construction.	2	On-going	Department of Planning, Public Works	0	Not Applicable
6.10.4-Action 2	Underground existing power transmission and distribution systems wherever possible or feasible when upgrades or new systems are needed.	2	On-going	Department of Planning, Public Works	0	Not Applicable
6.10.4-Action 3	Strongly encourage the State PUC to initiate a new Integrated Resource Plan process.	2	On-going	Department of Planning, Public Works	0	Not Applicable
Infrastructure: Harbors and Airports						
6.11.1-Action 1	Update/amend the Wailuku-Kahului Community Plan to accommodate planned harbor improvements and any compatible land uses considering sea level rise.	1	2010 - 2021	Department of Planning, State DOT	50	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000) Funding Source	
Action	Project / Initiative					
Infrastructure: Harbors and Airports						
6.11.1-Action 2	Study the feasibility of developing a Harbor Front District for Kahului Harbor that incorporates the planned harbor improvements and defines appropriate mixes of uses including entertainment and recreation where appropriate.	1	2010 - 2021	Department of Planning, State DOT	100	County
6.11.2-Action 1	Provide boat owners with adequate pier slips, utilities, repair facilities, waste-disposal capabilities, and yacht berthing/launch/recovery services.	2	2010 - 2021	Department of Land & Natural Resources	TBD	State
6.11.2-Action 2	Develop plans and funding mechanisms to stimulate shore-side improvements to small boat harbors.	2	On-going	Department of Land & Natural Resources	TBD	State
6.11.2-Action 3	Broaden cooperation with State, County, and private entities to regularly report progress on projects and implementing initiatives.	2	On-going	County of Maui	0	Not Applicable
6.11.3-Action 1	Work with the State and Kahului Airport users to: (1) Safely accommodate more efficient airplanes; (2) Increase infrastructure investments and improve operating procedures; (3) Implement more efficient and reliable screening/inspecting of passengers, luggage, and cargo; (4) Identify and construct airport sites and hangars for small and rotary wing aircraft; (5) Accommodate mass transit, buses, shuttles, and taxis; and (6) Beautify the airport grounds and access roads.	1	On-going	Department of Public Works, County DOT, State DOT	TBD	County, State, Federal
6.11.3-Action 2	Develop a plan to minimize safety hazards during the transport of aviation fuel from Kahului Harbor to Kahului Airport.	2	2016 - 2021	State Department of Transportation	TBD	State
6.11.3-Action 3	Study the feasibility of developing an Airport District for Kahului Airport that intentionally agglomerates uses that support the airport such as a business hotel(s), gas stations, parcel delivery services and freight forwarding.	2	2010 - 2021	Department of Planning, State DOT	50	County
6.11.3-Action 4	Preserve land around the airport for future expansion.	1	On-going	Department of Planning, State DOT	TBD	County, State, Federal
6.11.3-Action 5	Develop a corridor study and sub-area plan for land uses around the airport and along the airport connector road.	2	2010 - 2021	Department of Planning, Public Works	200	County
Land Use: Agricultural Lands						
7.1.1-Action 1	Implement the Maui Island Directed Growth Strategy.	1	On-going	Department of Planning	0	Not Applicable
7.1.1-Action 2	Implement County responsibilities under Acts 183 (2005) and 233 (2008) to designate and establish Important Agricultural Lands (IAL) and the incentives therein.	1	2010 - 2015	Department of Planning	0	Not Applicable
7.1.1-Action 3	Develop, adopt, and implement TDR and PDR Programs for, productive Agricultural Lands and IALs with a preference given to lands with a current or recent history of productive agricultural uses.	1	2010 - 2021	Department of Planning	25	County
7.1.1-Action 4	Revise the Agricultural District Ordinance to allow for limited clustering and CSD, where appropriate.	1	2010 - 2015	Department of Planning	0	Not Applicable
7.1.1-Action 5	Revise existing land use regulations to ensure that Prime Agricultural Lands are distinct from rural (primarily residential) land uses.	1	2016 - 2030	Department of Planning	0	Not Applicable

Island Plan Element				Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative	Priority	Timing			
Land Use: Agricultural Lands						
7.1.1-Action 6	Consider developing or amending regulations to: (1) Reduce the subdivision of agricultural lands by strengthening applicable zoning and subdivision ordinances, and consider the creation of Agricultural categories to better reflect agricultural uses and land use patterns; (2) Require public notification and review of the subdivision of agricultural land into four or more lots; and (3) Require the preparation of a more detailed agricultural impact assessment for changes to the Urban Growth Boundary, Community Plan Amendments, and change in zoning requests of Prime agricultural land as required by Section 19.510, MCC.	1	2016 - 2021	Department of Planning, Office of Economic Development	0	Not Applicable
7.1.1-Action 7	Utilize farm land trust mechanisms to preserve agricultural lands and family farms.	1	On-going	Department of Planning, Office of Economic Development	0	Not Applicable
7.1.1-Action 8	Promote farm profitability by supporting programs or subsidies including: (1) Low-cost, reliable transportation for export agricultural products; (2) Hawaii Farm Bureau Federation, Maui County; and farmers cooperatives; (3) Promotion of locally-grown products to hotels, restaurants, or other segments of the visitor industry; (4) The expansion of marketing efforts such as Grown on Maui to the mainland or Far East markets; (5) Development of new or value-added products; and (6) Property tax incentives for commercial agricultural uses.	1	On-going	Office of Economic Development, Department of Finance	TBD	TBD
7.1.2-Action 1	Identify and acquire productive and community Agricultural Lands that are appropriate for the development of agricultural parks and community gardens in each community plan area.	2	2022 - 2030	Department of Planning, Finance	TBD	County
7.1.2-Action 2	Coordinate with the State Department of Agriculture, the development of an Agricultural Water Strategy, and incorporate an agricultural component in the Water Use and Development Plan.	2	On-going	Department of Water Supply, State Department of Agriculture	25	County, State
7.1.2-Action 3	Revise the subdivision ordinance to create appropriate subdivision requirements for agricultural parks, and to promote research and development activities.	2	2010 - 2015	Department of Public Works	0	Not Applicable
7.1.2-Action 4	Coordinate with industry stakeholders to develop alternative sources of irrigation water including wastewater reuse, recycled stormwater runoff, and brackish well water.	2	On-going	Department of Water Supply, Environmental Management	0	Not Applicable
Land Use: Rural Areas						
7.2.1-Action 1	Coordinate with the State to develop and revise regulations for rural development, within the State Rural District, to encourage creative design and sustainable communities.	2	2016 - 2021	Department of Planning	0	Not Applicable
7.2.1-Action 2	Revise the Country Town Business District Ordinance to allow mixed uses including small-scale residential uses.	2	2010 - 2015	Department of Planning	0	Not Applicable
7.2.1-Action 3	Create new Country Town Business zoning sub-districts and design guidelines that reflect the unique character and land use patterns of Maui's Country Towns and that recognize rural villages.	2	2010 - 2015	Department of Planning	100	County
7.2.1-Action 4	Revise subdivision regulations to permit clustering and CSD within the Rural Districts and extend Hawaii Right to Farm Act protections to rural subdivisions.	1	2010 - 2015	Department of Planning, Public Works	0	Not Applicable
7.2.2-Action 1	Develop and adopt regulations to establish rural infrastructure and public facility LOS standards.	2	2010 - 2021	Department of Planning, Public Works	50	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Land Use: Rural Areas						
7.2.2-Action 2	Revise stormwater management regulations to allow for LID techniques and potential irrigation uses.	2	2016 - 2021	Department of Public Works	25	County
7.2.2-Action 3	Develop and adopt appropriate procedures and standards for the public to review development in County rural zones.	2	2016 - 2021	Department of Planning	0	Not Applicable
7.2.2-Action 4	Amend Chapter 19.36B, MCC, as it relates to pavement and parking requirements in rural areas.	2	2010 - 2021	Department of Planning	0	Not Applicable
Land Use: Urban Areas						
7.3.1-Action 1	Establish minimum-density requirements and design standards within urban areas to support higher densities, infill development, and efficient land use patterns.	1	2016 - 2021	Department of Planning	0	Not Applicable
7.3.1-Action 2	Update zoning and development regulations to achieve the following: (1) Facilitate environmentally friendly projects (LEED – ND); (2) Revise the application and reporting requirements in Title 19, Maui County Code (MCC), to strengthen evaluation requirements and establish design guidelines for new urban expansion, new towns, and major projects within UGBs; (3) Discourage future pyramid zoning within the industrial zoning districts, while allowing ancillary commercial uses; and (4) Consider the establishment of a new zoning category that strictly defines and limits uses for heavy industrial areas.	1	2010 - 2021	Department of Planning	0	Not Applicable
7.3.2-Action 1	Develop and adopt a TDR Ordinance and a formal TDR program, and identify receiving areas within urban growth boundaries.	1	2010 - 2021	Department of Planning	0	Not Applicable
7.3.2-Action 2	Amend the zoning ordinance to: (1) Reduce minimum lot sizes in urban areas; (2) Encourage a mix of single-family and multifamily lots within the same development; and (3) Facilitate the establishment of mixed-use towns/village centers.	1	2010 - 2021	Department of Planning	0	Not Applicable
7.3.2-Action 3	Update regulations to promote community gardens and edible landscapes.	1	2016 - 2021	Department of Planning, Parks & Recreation	0	Not Applicable
7.3.2-Action 4	Consider standards to regulate the location, design, and massing of big-box retail stores.	2	2016 - 2021	Department of Planning	0	Not Applicable
7.3.2-Action 5	Amend the Maui County Code (MCC) to reduce parking requirements, where appropriate, in mixed-use projects, encourage joint-use parking, and allow for the use of innovative methods to meet peak parking needs.	1	2010 - 2017	Department of Planning	0	Not Applicable
7.3.2-Action 6	Revise the zoning ordinance to allow for mixed-use development that is appropriate and in character with the existing community.	1	2016 - 2021	Department of Planning	0	Not Applicable
7.3.3-Action 1	Implement the Wailuku Redevelopment Plan, and subsequent updates, and formulate plans for other appropriate areas.	2	On-going	Department of Planning	TBD	Not Applicable
7.3.3-Action 2	Develop and adopt regulations to require Urban Design Review Board review of all major urban expansion, new towns, and urban infill, and redevelopment projects.	1	2010 - 2015	Department of Planning	0	Not Applicable
7.3.3-Action 3	Prepare general Urban Design Guidelines for Central, South, and West Maui.	2	2016 - 2021	Department of Planning	150	County
7.3.3-Action 4	As part of the Community Plan updates, prepare streetscape, pedestrian/bikeway/transit circulation, redevelopment and infill, and greenway infrastructure and master plan elements.	2	On-going	Department of Planning	100	County

Island Plan Element		Priority	Timing	Lead / Coordinationg Agency(s)	Estimated Cost (\$1,000)	Funding Source
Action	Project / Initiative					
Land Use: Urban Areas						
7.3.3-Action 5	Develop community planning processes to establish standards and priorities for streetscape beautification, public amenities, pedestrian and bicycle circulation, parking, redevelopment target areas, transit amenities, and sense of place and building form/design guidelines.	2	2016 - 2021	Department of Planning, Parks & Recreation, Public Works, County DOT	0	Not Applicable
7.3.4-Action 1	Define and map the Resort Destination Areas of Wailea, Mākena , Kapalua, and Kā'anapali.	2	2016 - 2021	Department of Planning	0	Not Applicable
7.3.5-Action 1	Develop and adopt regulations that: (a) mandate early consultation with communities affected by planning and land use activities; and (b) establish efficient and realistic review timelines.	1	2010 - 2015	Department of Planning	0	Not Applicable
7.3.5-Action 2	Update the MIP and Community Plan land use designations and zoning maps with each update of the General Plan.	1	On-going	Department of Planning	0	Not Applicable
7.3.5-Action 3	Evaluate the establishment of time limitations on unused development entitlements for projects which have not commenced within a reasonable time period.	2	2016 - 2021	Department of Planning	0	Not Applicable
CIP-Coordinated Infrastructure Planning Strategy						
9.CIPS-Action 1	Develop and implement the Coordinated Infrastructure Planning Strategy (CIPS), including the preparation and regular update of agency functional plans.	2	On-going	Office of the Mayor, Department of Planning	800	County
9.CIPS-Action 2	Develop and adopt alternative capital improvement financing tools such as impact fees, special taxing districts, public-private partnerships.	2	On-going	Office of the Mayor, Department of Planning, Finance	TBD	County