

Oahu Metropolitan Planning Organization

OAHU REGIONAL TRANSPORTATION PLAN 2035 Listing of Baseline, Committed, and Potential Projects

PROJECT NAME	PROJECT DESCRIPTION
BASELINE PROJECTS (Projects completed or under construction, for which funding was allocated, or to begin by 2009: in alphabetical order by Project Name)	
Computerized Traffic Control System	Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection, and signal control in urban and rural areas for connectivity to the Traffic Control Center. Project locations include: 1. Kailua 2. Kapolei and Makakilo 3. Waipahu, Waikele, and Waipio 4. Mililani and Wahiawa
Fort Weaver Road Widening, Vicinity of Aawa Street to Geiger Road	Widen the roadway to six lanes. Improvements include turning lanes, traffic signal modifications, and additional highway lighting.
Freeway Management System, Interstate H-1, H-S10 2, and Moanalua Freeway, Phase 1B	Manage and guide the Intelligent Transportation System (ITS) program. The project includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning. 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. Phase 1 involves the development of the CCTV system.
Honolulu Rail Transit Project	Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. This project includes intermodal connections with <i>TheBus</i> system to provide feeder services to fixed guideway stations. Note that the alignment, system technology, and location of transit stations may be refined during the preliminary engineering, Environmental Impact Statement, and subsequent processes.
Interstate Route H-1, Addition and Modification of Freeway Access, Makalilo IC to Palailai IC (Kapolei IC Complex)	Improve/modify freeway access to Interstate Route H-1 between Makakilo IC and Palailai IC (Kapolei Interchange Complex) (Phase 1)
Interstate Route H-1, Kinau Off-Ramp Improvements, Near Queens Medical Center	The project will construct a right-turn lane from the Kinau off-ramp to provide a direct access to Lusitana Street. The design includes the addition of an 11-foot wide, 200-foot long deceleration lane.
Interstate Route H-1, PM Zipper Lane, Westbound	Develop a PM zipper lane alternative from Radford Drive to the Waikele Interchange.
Intra-island Ferry	Continue ferry demonstration project operations and plan, design, and construct facilities for a ferry operation which will serve as an extension of <i>TheBus</i> service and provide West Oahu residents with another transportation option to Downtown Honolulu. The project will include, but not be limited to, parking lots, passenger terminals, and improved docking facilities. Operation of the intra-island ferry was terminated on June 30, 2009, and cannot be "guaranteed" to be in place in 2035.
Kalaeloa Boulevard (Route 95), Widening and Reconstruction, Phase 1, Oahu Railway and Land Company (O.R. & L.) Right-of-Way to Lauwiliwili Street	Improve and widen Kalaeloa Boulevard, between the old O.R.& L. right-of-way and Lauwiliwili Street, to a six-lane divided roadway, meeting the City and County of Honolulu standards for dedication. Kalaeloa Boulevard is a major regional arterial roadway that serves as an access between the H-1 Freeway and the major industrial areas on Oahu. Stimulus funding will allow the project to move forward in a timely manner to better address the regional traffic and safety issues of the area.
Kalaniana'ole Highway (Route 72) Improvements, Vicinity of Hawaii Kai Drive to Keahole Street (Add Lane)	Add an additional townbound lane from Hawaii Kai Drive to Keahole Street. Includes utility relocation, asphalt concrete pavement, sidewalk, highway lighting, landscaping, irrigation, guardrail, signing and pavement markings.
Kalaniana'ole Highway (Route 72), Bicycle Improvements, Waimanalo Beach Park to Makapuu	Improve bike route on Kalaniana'ole Highway, from Huli Street to Makapuu Beach Park
Kalaniana'ole Highway Intersection Improvement at Hanauma Bay	Construct left-turn lane into Hanauma Bay.
Kamehameha Highway Bikeway, Radford Drive to Arizona Memorial	Construct a bikeway, including drainage improvements, markings, signing, and Americans with Disabilities Act improvements.
Kapolei Parkway	Design and construct Kapolei Parkway in two phases between Renton Road and the City/State property line at the western boundary of Ewa Villages (0.7 miles).
Kualaka'i Parkway, Vicinity of Kapolei Parkway to Interstate Route H-1	Construct Kualaka'i Parkway from Kapolei Parkway to vicinity of the H-1 Freeway. Improvements include a multi-lane highway and an interchange at the H-1 Freeway. (Phases 1B and 1C)
COMMITTED PROJECTS	
(Refer to the FFYs 2011-2014 Transportation Improvement Program at www.oahumpo.org)	
POTENTIAL PROJECTS 2015-2035 (Projects in alphabetical order by Project Name)	
<i>Bike Plan Hawaii</i> - Oahu	Implement Oahu elements of the State of Hawaii's <i>Bike Plan Hawaii</i> .
Central Mauka Road, Second Access, Mililani Mauka to Waiawa	Construct Central Mauka Road, a new four-lane road from Mililani Mauka to Waiawa. Road connects Meheula Parkway to Kamehameha Highway in Pearl City; parallel to and mauka of Interstate Route H-2. The new four-lane north-south road includes connections to Interstate Route H-2 interchanges.
City Operations and Maintenance (O&M): Roadways	Maintain and operate the City's existing and future roadways. Includes, but is not limited to, resurfacing, guardrail and shoulder improvements, lighting improvements, drainage improvements, signal and sign upgrades and replacement, etc.
City Operations and Maintenance (O&M): Transit	Maintain and operate the City's existing and future transit and paratransit operations, and routine maintenance. Includes, but is not limited to, operation of the transit system (including <i>TheBus</i> and <i>TheHandi-Van</i>), replacement of existing fleet, plan, design and construct a third bus operating facility, etc.
City Rail Rehabilitation and Fleet Expansion	Provide for rehabilitation of track and expansion of rail fleet.
East-West Road	Construct a four-lane roadway between Farrington Highway and Fort Weaver Road.
Enhancement Projects	Implement enhancement projects, including, but not limited to, projects from the <i>Transportation Enhancement Program</i> for Oahu.
Farrington Highway, Safety Improvements, Makua Valley Road to Aliinui Drive	Construct safety improvements on Farrington Highway along the Waianae Coast, from Makua Valley Road (Kaena Point) to Aliinui Drive (Kahe Point). This project includes realignment around Makaha Beach Park, between Makau Street and Water Street.
Farrington Highway, Widening, Golf Course Road to west of Fort Weaver Road	Widen Farrington Highway from two to four lanes, from Golf Course Road to just west of Fort Weaver Road. • Kalihi Interchange overcrossings to allow four lanes to pass under it.
Farrington Highway, Widening, Hakimo Road to Kalaeloa Boulevard	Widen Farrington Highway from four to six lanes, from Hakimo Road to Kalaeloa Boulevard, including intersection of Lualualei Naval Road.
Farrington Highway, Widening, west of Fort Weaver Road to Waiawa Interchange	Widen Farrington Highway from Kunia to Waiawa by one lane in each direction, from west of Fort Weaver Road to Waiawa Interchange.
Fort Barrette Road	Extend as four-lane roadway between Franklin D. Roosevelt Avenue and Saratoga Avenue.
Hanua Street Extension, Farrington Highway to Malakole Street; Interstate Route H-1, New On- & Off-Ramps, Palailai Interchange	Hanua Street: • Extend Hanua Street from Malakole Street to Farrington Highway. This new four-lane roadway will provide access to Kalaeloa Harbor. Interstate Route H-1, Palailai Interchange: • Construct new on- and off-ramps at Interstate Route H-1 Palailai Interchange to Hanua Street extension.
Highway Safety Improvement Program	Comprehensive program to fund safety improvements to reduce collisions and damage to property. Strategies may include installation of left turn lanes, roadway widenings, traffic signal modifications, installation of rumble strips and crash attenuators, installation of guardrails and bridge railings and others.
Honolulu Rail Project, Extension, Ala Moana to Manoa/Waikiki	Plan, design, and construct a fixed guideway system between Ala Moana and Manoa/Waikiki
Honolulu Rail Project, Extension, West Kapolei to East Kapolei	Plan, design, and construct a fixed guideway system between West Kapolei to East Kapolei
Human Services Transportation Coordination Program	Provide a range of transportation services targeted to disadvantaged populations under the Human Services Transportation Coordination Program. Specific projects include: 1. Human Service Agency-provided Trips (<i>TheHandi-Van</i>) 2. Local Shuttle Service 3. Mobility Management Center
Intelligent Transportation Systems (ITS)	Implement ITS projects including, but not limited to, those identified in the <i>Oahu Regional ITS Architecture</i> .
Interstate Route H-1, Contra-Flow Lane extension (PM), Waiawa Interchange to Kunia Interchange and Keehi Interchange to Radford Drive	This project would construct an extension of the PM contra-flow lane on the Interstate Route H-1, in the westbound direction, on the west end from Waiawa Interchange to Kunia Interchange and on the east end from the Keehi Interchange to Radford Drive. Project will include upgrade of the shoulder lane from the Waiawa Interchange to the Waikele off-ramp to assist in traffic dispersion from the contra-flow lane.
Interstate Route H-1, HOV Lanes, Waiawa Interchange to Makakilo Interchange	Construct two new lanes in the freeway median for HOV use, one in the westbound direction and one in the eastbound direction, on Interstate Route H-1, from the Waiawa Interchange to the Makakilo Interchange.
Interstate Route H-1, New Interchange, Kapolei Interchange	Construct new Interstate Route H-1 Kapolei Interchange for Kapolei between the Palailai Interchange and Makakilo Interchange. Project to be constructed in multiple phases.

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Interstate Route H-1, On- & Off-Ramp Modifications, University Avenue Interchange	Modify on- and off-ramps at the University Avenue Interchange on Interstate Route H-1. This project includes the construction of new ramps to allow all movements, as well as safety improvements including the closure of the eastbound on-ramp at University Avenue Interchange to Interstate Route H-1 and the construction of a new makai-bound off-ramp to University Avenue from Interstate Route H-1.
Interstate Route H-1, On- & Off-Ramp Modifications, Various Locations	Modify and/or close various on- and off- ramps on the Interstate Route H-1 from Middle Street to University Avenue. This project includes modification of auxiliary lanes at various exits and other operational changes to Interstate Route H-1. The identification of the precise improvements to be made will require a separate detailed corridor study.
Interstate Route H-1, Widening, Vineyard Boulevard to Middle Street	Widen the Interstate Route H-1 by one lane in the westbound direction, from Vineyard Boulevard to Middle Street.
Interstate Route H-1, Widening, Waiiau Interchange to Waiawa Interchange	Widen Interstate Route H-1 in the westbound direction by one lane, from the Waiiau Interchange to the Waiawa Interchange. (Portion only included in the FFYs 2011-2014 TIP)
Interstate Route H-1, Widening, Waiawa Interchange	Widen the Interstate Route H-1 by one lane, in the westbound direction, through the Waiawa Interchange. This project will begin in the vicinity of the Waiawa Interchange and end at the Paiwa Interchange. <ul style="list-style-type: none"> • From two to three lanes in AM peak • From four to five lanes in PM peak
Interstate Route H-1, Widening, Ward Avenue to Punahou Street	Widen the existing Interstate Route H-1 by one lane in the eastbound direction, from Ward Avenue to Punahou Street.
Interstate Route H-2, New Interchange, Pineapple Road Overpass	Construct a new full-service freeway interchange on Interstate Route H-2, between Meheula Parkway and Ka Uka Boulevard, to accommodate future developments in Central Oahu. This project includes the widening of the existing Pineapple Road Overpass from two to four lanes; and addition of new on- and off-ramps to and from Interstate Route H-2 at Pineapple Road Overpass.
Interstate Route H-2, Widening, Waipio Interchange	Widen both on- and off-ramps on Interstate Route H-2, at the Waipio Interchange. This project includes the widening of the Ka Uka Boulevard overpass and intersection improvements to facilitate movement to and from the on- and off-ramps.
Interstate Routes H-1 & H-2, Operational Improvements, Waiawa Interchange	Modify the Interstate Routes H-1 and H-2 Waiawa Interchange, to improve merging characteristics through operational improvements (e.g., additional transition lanes).
Kahekili Highway, Widening, Kamehameha Highway to Haiku Road	Widen Kahekili Highway from two to four lanes, from Kamehameha Highway to Haiku Road. This project also includes the following improvements: <ul style="list-style-type: none"> • Contraflow in existing right-of-way between Hui Iwa Street and Haiku Road • Intersection improvements at Hui Iwa Street and Kamehameha Highway
Kalaeloa East-West Spine Road, New Roadway, Kalaeloa Boulevard to Geiger Road	Construct a new four-lane, east-west spine road within Kalaeloa by realigning and connecting portions of the existing Saratoga Avenue from Kalaeloa Boulevard in the west and to Geiger Road in the east.
Kamehameha Highway, Safety & Operational Improvements, Kaalaea Stream to Hygienic Store	Construct safety and operational improvements along Kamehameha Highway, between Kaalaea Stream and Hygienic Store. Safety and operational improvements include passing and turning lanes, modification of signals, and installation of signs, flashers, and other warning devices. This project also includes replacement of Kaalaea Stream Bridge and Haiamoa Stream Bridge with structures that meet current design standards.
Kamokila Boulevard	Extend as a four-lane roadway between Franklin D. Roosevelt Avenue and Saratoga Avenue.
Kapolei Parkway, Extension & Widening, Aliinui Drive to Kalaeloa Boulevard	Extend Kapolei Parkway (six lanes), from Aliinui Drive to Hanua Street. This project includes widening of Kapolei Parkway from four to six lanes from Hanua Street to Kalaeloa Boulevard.
Keoneula Boulevard, Extension, Kapolei Parkway to Franklin D. Roosevelt Avenue	Extend Keoneula Boulevard from Kapolei Parkway to Franklin D. Roosevelt Avenue.
Kualaka'i Parkway, Widening & Extension, Interstate Route H-1 to Franklin D. Roosevelt Avenue	Widen and extend Kualaka'i Parkway as follows: <ul style="list-style-type: none"> • From three-to-six lanes from Kapolei Parkway to Interstate Route H-1
Kunia Road, Widening and Interchange Improvement, Wilikina Drive to Farrington Highway	Widen Kunia Road as follows: <ul style="list-style-type: none"> • From two to four lanes, from Wilikina Drive to Anonui Street. • From two to four lanes, Anonui Street to Kupuna Loop. • From four to six lanes, Kupuna Loop to Farrington Highway. • Add one lane eastbound loop on-ramp at Kunia Road & Interstate Route H-1.
Likelike Highway, Widening, Kamehameha Highway to Kahekili Highway	Widen Likelike Highway from four to six lanes, from Kamehameha Highway to Kahekili Highway.
Makakilo Mauka Frontage Road, New Roadway, Kalaeloa Boulevard to Makakilo Drive	Construct a new two-lane Makakilo Mauka Frontage Road, mauka of Interstate Route H-1, from Kalaeloa Boulevard to Makakilo Drive.
Makapuu Tunnel	Secondary access road (tunnel) to provide connection between Hawaii Kai and Waimanalo areas from the vicinity of Lunalilo Home Road to the vicinity of Kalaniana'ole Highway north of Sea Life Park; lane configuration to be determined.
Nimitz Highway, High Occupancy Vehicle (HOV) Flyover, Keehi Interchange to Pacific Street	Construct a new two-lane, elevated and reversible HOV flyover above Nimitz Highway, from the Keehi Interchange to Pacific Street. This project includes the removal of the existing eastbound contraflow lane in the AM peak and restoration of all turning movements on the at-grade portion of Nimitz highway.
<i>Oahu Bike Plan</i>	Implement City and County bike projects (Priority One)
Paiwa Street, Extension, Ka Uka Boulevard to Lumiaua Street	Extend Paiwa Street from north of Lumiaua Street, to the intersection of Kamehameha Highway and Ka Uka Boulevard.
Puuloa Road, Widening, Pukuloa Road to Nimitz Highway	Widen Puuloa Road, from Pukuloa Road to Nimitz Highway: <ul style="list-style-type: none"> • From three lanes (one lane southbound and two lanes northbound) to five lanes (two lanes southbound and three lanes northbound), from Pukuloa Road to Kamehameha Highway.
Recreational Trails Program	Develop and maintain recreational trails and trail-related facilities on Oahu for both non-motorized and motorized recreational trail uses.
Rockfall Protection, Various Locations	Install rockfall protection or mitigation measures along various State highways at various locations.
Shoreline Protection Program	Kamehameha Highway and other locations
State Operations and Maintenance	Maintain and operate the State's existing and future highway operations and routine maintenance. Special Maintenance Program (SMP) Projects include, but are not limited to, pavement repair, preventative maintenance, resurfacing and rehabilitation, etc.
System Preservation	Preserve the highway system through projects including, but not limited to, bridge replacement and seismic retrofit, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, traffic signal upgrade and retrofit, etc.
TheBus Service, Expansion, Islandwide	Expand the bus service through increase of capacity of the existing system to accommodate population growth. Expanded service will be ADA-compliant. This includes: <ul style="list-style-type: none"> • Expansion of Services to and within Ewa, Kapolei, Central, and Windward Oahu • Expansion through increase of Express service to the North Shore, Waianae, and Windward Oahu • Restructure of service in urban Honolulu
Transit Centers, Various Locations	Construct transit centers at various locations islandwide to support transit operations.
Transportation Demand Management (TDM) Program	Develop an aggressive TDM program that could include, but is not limited to: <ol style="list-style-type: none"> 1. Telecommuting 2. Free real-time online carpool matching 3. Outreach promotion and marketing of alternative transportation 4. Emergency ride home program 5. Major special events 6. Employer based commuter programs 7. Emerging and innovative strategies (e.g., car sharing)
Vanpool Program	Continue implementation and expansion of the State's Vanpool Program.
Wahiawa, Second Access, Whitmore Avenue to Meheula Parkway	Construct a new two-lane second access road between Whitmore Village and Wahiawa, from Whitmore Avenue to California Avenue. Continue the new two-lane second access road to Mililani Mauka, from California Avenue to Meheula Parkway.
Waianae, Second Access, Farrington Highway to Kunia Road	Construct a new two-lane second access road to Waianae from Farrington Highway in the vicinity of Maili, over the Waianae Mountain Range, to Kunia Road.