



Frequently Asked Questions

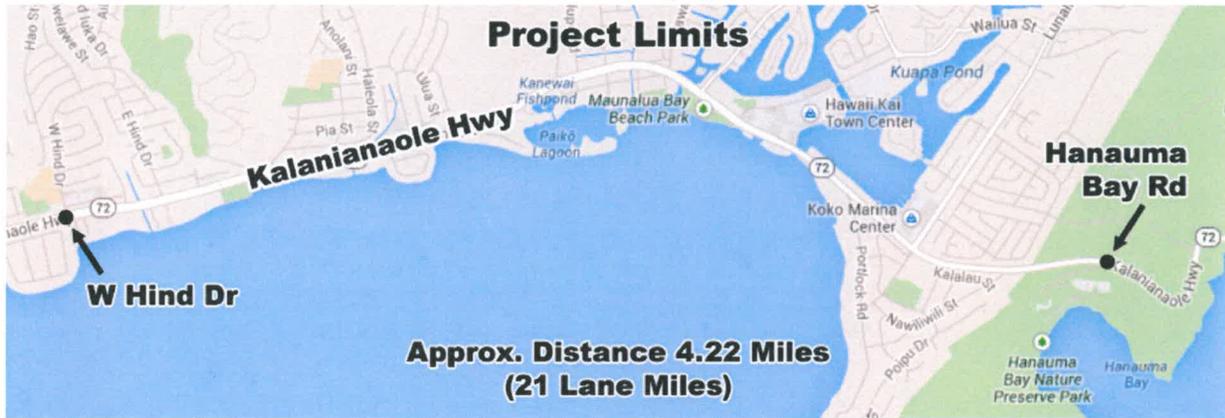
Kalaniana'ole Hwy. Resurfacing

W. Hind Dr. to the Vicinity of Hanauma Bay Rd.

PROJECT DETAILS

Q: What are the affected areas of this project?

Project limits are from West Hind Drive to Hanauma Bay Road. The resurfacing will cover all lanes within these points.



Q: What is the purpose and need for this project?

An average of 71,000 vehicles uses this segment of Kalaniana'ole Highway daily. The last major pavement resurfacing was done in segments 15 to 20 years ago. Although a consistent schedule of surface patching has prolonged the life of the pavement, it is in need of a full resurfacing to address sub-surface issues. These include cracks that allow water to seep below the surface and undermine the pavement foundation at deeper levels. Without addressing these deeper issues first, any surface-only pavement application will eventually show cracks over time and allow water to permeate the foundation again.

Q: What kind of work is being done?

This project is not just topical pavement resurfacing. It involves reconstruction of the roadway down to a depth of up to 12 inches in certain areas to rebuild the roadbed. Without deep reconstruction of deteriorated sections to address sub-surface problems, pavement resurfacing alone will not last over time and require more frequent pavement patching in the future.



Pavement cracks such as these are signs that problems exist below the road surface.

Q: What are the benefits of this project?

The project will provide reconstruction and resurfacing of the asphalt roadway to construct a smooth riding surface, repairs to the Wailupe Stream Bridge end wall, adjustments of utility manholes, and the installation of new pavement markings, guardrails and trees. New vehicle loop detectors and a traffic counting system will also be installed for improved traffic flow management through the corridor.

CONSTRUCTION

Q: What is the daily construction schedule?

Construction work is scheduled to begin on June 23, 2014, and is expected to be completed by February 2016. Work hours will be scheduled on weekdays, excluding holidays, as follows. No nighttime or weekend work is planned.

- From West Hind Drive to Hawaii Kai Drive, from 9 a.m. to 3 p.m., daily.
- From Hawaii Kai Drive to the vicinity of Hanauma Bay Road, from 8:30 a.m. to 3 p.m., daily.

Resurfacing work is anticipated to begin near West Hind Drive and proceed eastward in segments to the vicinity of Hanauma Bay Road, then turn around and proceed westward back to West Hind Drive. All roadwork is weather-permitting.

Q: How many lanes will be open during construction?

During construction hours, from either 8:30 a.m. or 9 a.m. until 3 p.m., in the segments of Kalanianaʻole Highway with six lanes total, there will be two lanes of traffic open in both directions at all times. This will be accomplished with a contraflow that will utilize one lane in the opposite direction. The crossovers will change as the project progresses first in the eastbound direction and then in the westbound direction. Please keep in mind that the project plan is subject to change depending on conditions and equipment.

Q: Will lanes be closed over the entire 4.2-mile project area at the same time?

No, the construction will proceed in segments. Work will start near West Hind Drive and move eastward to the vicinity of Hanauma Bay Road, then reverse direction and resurface the westbound lanes back to West Hind Drive.

Q: Will lanes excavated during the day for reconstruction stay closed until the next day?

No, lanes excavated will be reconstructed and reopened by the end of each work period. Crews will use a fast-curing asphaltic concrete in order to reopen the newly repaved sections of roadway each day. This is similar to methods used to reconstruct the H1 Freeway in town or at the Pearl City Viaduct during overnight hours. These concrete materials set quickly enough to provide a strong driving surface within hours, allowing the lanes to reopen for use.

Q: Why no nighttime work hours?

This is a heavily-populated residential corridor. We are taking into consideration the disruption overnight work hours would cause to those who live along the corridor. In addition, the Paiko Lagoon Wildlife sanctuary attracts migrating birds that would be affected by bright construction lighting that would be needed to perform night work.

Q: Why is the project taking 402 working days to complete?

The Hawaii Department of Transportation (HDOT) must balance the speed of the project with the needs of the community. Work hours are reduced to between either 8:30 a.m. or 9 a.m. (depending on the section) and 3 p.m., daily, on weekdays, excluding holidays. Cones will be dropped to close lanes beginning at 8:30 or 9 a.m. and be off the road by 3 p.m., limiting pavement work hours to about five or less per day. These limited work hours, however, allow full use of all traffic lanes during the morning and afternoon rush-hour commutes, at night and on the weekends.

Reducing the overall project completion time would require either longer work hours or more lanes closed daily. Both of these options would create increased traffic congestion during rush-hours and at various hours of days, nights and weekends. Although the limited work hours and lane closures do lengthen the overall project time, they create the smallest impact to traffic congestion for motorists.



Bright portable lighting at night can disorient migratory birds. Some will circle the lights until becoming exhausted and fall to earth.

Q: Why can the City repave Lunalilo Home Road in two weeks, but this work will take two years?

The Kalanianaʻole Highway project is more than a surface "mill and fill" repaving project. The 4.2-mile stretch between West Hind Drive and the vicinity of Hanauma Bay Road is 21 lane miles. The work, similar to the H1 Rehabilitation Project, is reconstructing the most deteriorated sections of roadway down to 12 inches to rebuild the roadbed. Approximately 30% of the work will be full reconstruction with the remaining work reconstructing the pavement to a depth of four inches. Due to the limited daily work hours available, the project duration is extended.

Q: Where will the construction debris be dumped?

Asphalt is recycled. The contractor has a permit to dump other construction materials at a dump site.

Q: Why don't I see more lanes closed?

Preparation work will be necessary for the first several weeks to install project-related highway signage to notify motorists of changes in the road ahead. This will include signs communicating lower speed limits, lane shifts, or contraflow information that motorists will need to know. The preparation work will also include the installation of environmental mitigation measures to ensure that no debris or wastewater flows into storm drains and out into the ocean. Multi-lane resurfacing work is anticipated to begin in mid-July.

TRAFFIC

Q: What effects will the project have on traffic?

Traffic cones will be placed during work hours to cone off lanes at the times mentioned above. The later 9 a.m. start time between West Hind Drive and Hawaii Kai Drive is being used to accommodate the Kalanianaʻole Highway Contraflow Lane, which is in operation every weekday morning rush-hour, excluding holidays. Cones will be picked up to reopen lanes by 3 p.m., daily. Except in emergency situations, all closed lanes will be reopened for traffic at the end of each daily work period.

Q: Where can I see current traffic conditions?

Traffic backups may occur during heavy travel periods. Motorists are advised to plan ahead and anticipate delays. To prepare, please check traffic conditions and view images from Kalanianaʻole Highway traffic cameras at the GoAkamai.org website or on the GoAkamai app for smartphones. Motorists may also call 587-2160 from 7:45 a.m. to 4:30 p.m. on weekdays, excluding holidays, for traffic information. For up-to-date lane closure information, visit the HDOT website at hidot.hawaii.gov, follow HDOT on Facebook or Twitter (#hitraffic).



Q: Will traffic signal synchronization be affected during construction?

Microwave sensors will be used to trigger traffic signals when underground loop detectors are removed during construction. Please keep in mind, however, that during construction there will be some delays and inconveniences and the signals on microwave timers may not be in perfect synchronization with other signals. HDOT will work with the contractor to minimize delays.

Q: What about street parking?

On-street parking within the project areas will be prohibited during work hours. Street parking in various areas may also be prohibited for limited times to allow for the staging of construction vehicles. Please observe the prohibited parking dates and times posted on roadways.

Q: Where can I get information on the project and lane closures?

HDOT will be posting lane closure information on its website each Friday under the roadwork section at hidot.hawaii.gov. Weekly roadwork news releases are also sent to all Oahu media, and state legislators. Anyone interested in more information may sign up for project specific e-mails by contacting the DOT Public Affairs office at DOTPAO@hawaii.gov or call the office at 587-2160. Lane closure information will also be sent out on social media via HDOT's Twitter account. During construction anyone with questions, comments or concerns may call the DOT Public Affairs Office at 587-2160, it is staffed during all construction hours.