

Traffic Emergency Zone Designation

Hawaii Belt Road Route 19 MP 6.5

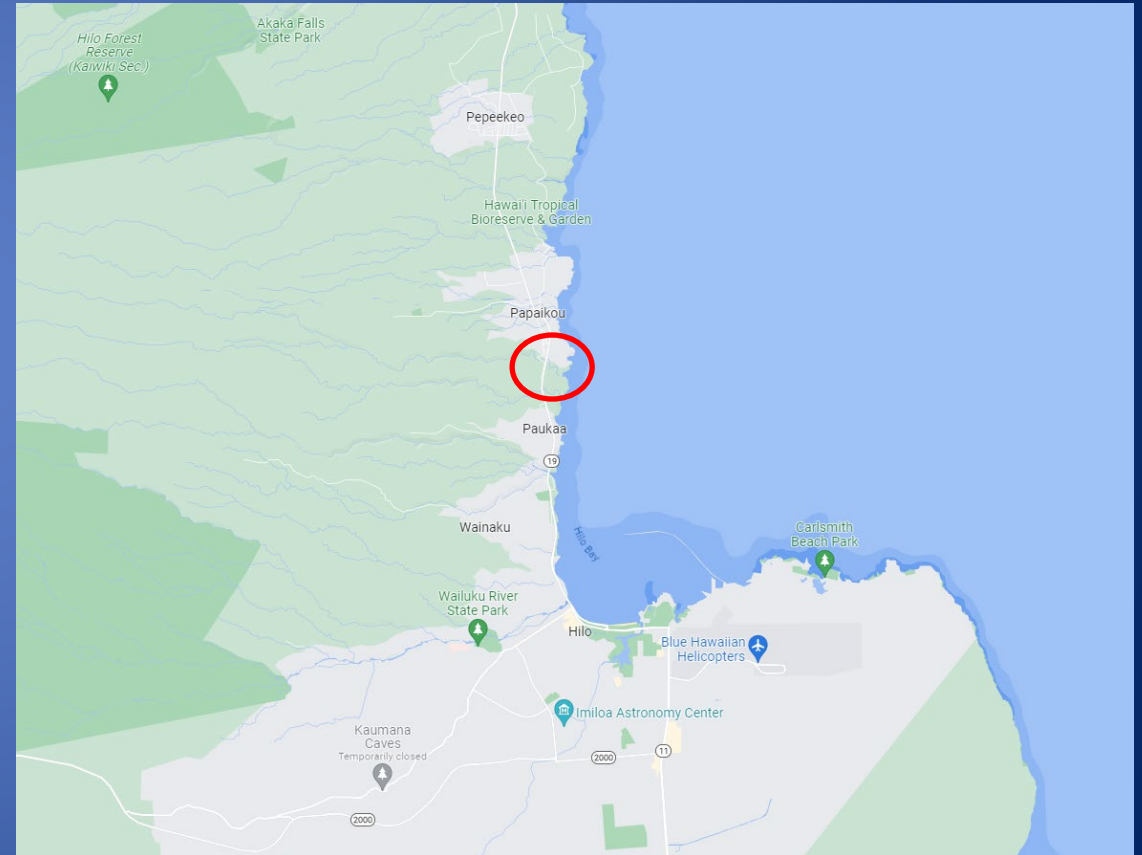
South Hilo, Island of Hawaii

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- Kapue Stream Bridge
 - Location: Hawaii Belt Road, Route 19, mile marker 6.5
 - Constructed in 1950
 - Latest Bridge Inspection Report: March 3-4, 2023
 - No critical findings



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- Observations found on October 24, 2023 at Kapue Bridge's south concrete abutment:
 - Embankment fill shifting in the east direction



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- Northbound lane
 - 60 feet length longitudinal crack, 3 inch at widest gap, and dip in northbound travel lane



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- Northbound shoulder
 - Approximately 7 inch drop in 2 weeks



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- Traffic Emergency Zone

- Hawaii Revised Statutes §264-1.5 Emergency powers; traffic emergency zones

“... if the ... state director of transportation, in the case of a state highway ... determines that substantial endangerment to public health and safety is or is highly likely to be caused by the temporary closure of, or the lack of adequate access to an area by ... a state highway as defined under section 264-1(a), which requires immediate action, the ... state director of transportation, in the case of a state highway, ... without a public hearing, may designate the area to be a traffic emergency zone, and may take any action that may be necessary until access to the designated area has been established.”

- What does the designation of a traffic emergency zone do?

This allows for expedited procurement and waives certain permitting requirements.

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- Plan of Action
 - Probe and grout northbound lane
 - Reconstruct northbound lane with 8 inch thick asphalt
 - Remove 24/7 northbound lane closure
 - Stabilize slope with wire mesh, soil anchors, and grouted rubble paving
 - Fill embankment cracks with grout

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- Scheduled to begin October 29, 2023
- Estimated to be completed by the end of December 2023

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Questions?