Honolulu Rail Transit Project Update

FACULTY, STAFF AND STUDENTS OF HONOLULU COMMUNITY COLLEGE
MARCH 23, 2023
Project Overview

- First driverless and fully automated commuter rail system in the United States
- Route is 18.9 miles from East Kapolei to Civic Center Station (corner of South Street and Halekauwila) with 19 stations
- Vehicle fleet: Twenty (20) four-car trains
- Rail Operations Center:
  - 43 acres near Leeward Community College
  - Includes maintenance and service facility and a train wash
  - Trains are powered by electricity via a “Third Rail” that carries 750 volts at all times
Map of Project Route
Progress Toward Completion

**OPERATING SEGMENT 1**
East Kapolei to Aloha Stadium Station

- First 10.75 miles of guideway and 9 stations are complete
- 18 of 20 trains are on island
- Trial Running testing is underway
- Hammerhead cracks have been evaluated and repairs are ongoing
- Expect to transfer 10.75 miles of guideway, 9 stations, 12 trains and the Rail Operations Center to the City’s Department of Transportation Services (DTS) for the initial opening of rail service in July 2023

[Hālawa (Aloha Stadium) Station]
OPERATING SEGMENT 2
Includes approximately 5.2 miles of the rail guideway and 4 stations, from Aloha Stadium, past Pearl Harbor and the airport, to the Middle Street-Kalihi Transit Center

- Construction of the guideway and trackwork are complete
  - Coupled with the completion of Segment 1, this represents 84% completion of the entire guideway to Civic Center Station
- The construction of each of the 4 stations in this segment is more than 90% complete
- Core Systems work began fourth quarter 2022
- Expected transfer to DTS by early 2025
Progress Toward Completion

OPERATING SEGMENT 3
Includes approximately 3 miles of guideway and 6 stations; from Middle Street-Kalihi Transit Station to the Civic Center Station

- Currently Underway:
  - Downtown Utilities Relocation—Work began in June 2022; Completion expected in fourth quarter of 2024 (~$217M)
  - Dillingham Utilities Relocation—Work began in December 2022; Completion expected in first quarter of 2026 (~$500M)

- Upcoming:
  - Contract procurement for the City Center Guideway and Stations will begin in the second quarter of 2023; Award is expected in 2024
  - Guideway and Station construction will begin as utility relocation is completed

January 31, 2023
Kahauiki (Middle Street-Kalihi Transit Center) Station
Dillingham Utilities Relocation: Summary

• Work Hours:
  ➢ Dillingham Boulevard: 24 hours a day, 7 days a week in multiple areas concurrently
  ➢ Intersections: Weeknights from 7 pm to 5 am, intermittently

• Monitoring Environmental Impacts:
  ➢ Noise, dust, and vibration will be monitored frequently by HART and the Contractor

• Type of work:
  ➢ Relocating the existing overhead utilities underground
  ➢ Relocating the underground utilities that conflict with the future guideway columns
  ➢ Jet Grouting
  ➢ Microtunneling
Noise Mitigation Measures During CCUR

- Nightly noise samples will be taken to ensure the project is in compliance with acceptable noise levels
- Sound barriers will be implemented as needed
- Material deliveries and loading/off-loading will be scheduled during early evening hours
- Lighting and stationary equipment will be directed away from occupied establishments to minimize noise, vibration and light pollution
- Noise, dust, and vibration will be monitored frequently by HART and the Contractor
- Alternative construction methods and equipment are taken into consideration to mitigate impacts to the HCC campus
- The guideway and stations contractor has not been selected at this time. Request for proposals will include noise and vibration criteria that the contractor needs to adhere to
Dillingham Utilities Relocation: Overview Map
Dillingham Boulevard/Kamehameha Highway between Middle Street to Kaaahi Street
Traffic Plan Summary
Dillingham Boulevard/Kamehameha Highway between Middle Street to Kaaahi Street

- One traffic lane in each direction on Kamehameha Highway and Dillingham Boulevard, from Middle Street to Kaaahi Street 24 hours a day, 7 days a week
- Intersecting streets in the mauka and makai direction will be closed intermittently during weeknights from 7 pm to 5 am
- Left turns from Kamehameha Highway, Dillingham Boulevard and from driveways will be prohibited to limit traffic in the work zones, except for the westbound left turn onto Alakawa Street
• Bus service will be maintained and bus stops will be relocated as needed
• Pull-out lanes will be implemented at the bus stops to allow through-traffic

• Honolulu Police Department officers and on-site personnel will assist motorists and pedestrians through the work areas
Alternative Routes to HCC Parking Lots

**Alternative Routes**

- HCC campus parking lots will be accessible from westbound Dillingham Boulevard and from Kokea Street.

- All access routes to Lot 8 will be maintained except the westbound left turn from Dillingham Boulevard onto Kokea Street through 2026.
Detours for Eastbound Dillingham Boulevard
Motorists are encouraged to use alternative access routes via N King Street and Liliha Street
Upcoming closures on Kohou Street

Upcoming lane modifications and closures needed at Kohou Street. (There will be NO impact to Kokea Street.)

- **WHEN:** Expected to start Summer 2023 and will last for approximately 10-12 months; Work will begin once the microtunneling equipment arrives on island

- **WHAT:** Digging of jacking and receiving pits

- **WHY:** The receiving pit will be dug on Kohou Street near Kaumalii Street. The area is needed for the undergrounding of major utilities.

- **TRAFFIC CONTROL AND NOTIFICATION:** Additional information regarding the timing of this work and the related traffic impacts will be communicated to HCC and the media and will be available on HART’s website, honolulustransit.org.
Join Monthly Business and Community Meetings

Visit our website – HonoluluTransit.org – for information and to sign up for our meetings and weekly eBlast notifications

Dillingham Utilities Relocation
Update Meetings are held the last Thursday of every month
Next meeting: March 30, 2023 | 7:30 pm

Downtown Utilities Relocation
Update Meetings are held the second Wednesday of every month
Next meeting: April 12, 2023 | 6 pm