Airport Guideway and Stations and City Center Utilities Relocation

Project Oversight Committee Meeting
September 19, 2019 • Honolulu, Hawai‘i
Airport Guideway and Stations
53% Complete (54.5% Planned)

Completed To Date:
Design progression at 99% (Earned value at 96% due to design resubmittals).
158 drilled shaft foundations completed, 124 columns installed, and 56 spans have been erected. 2,015 pre-cast segments have been cast.
Airport Guideway and Stations
53% Complete (54.5% Planned)
Makalapa (Pearl Harbor Naval Base Station) – 6% Complete

Major Work Remaining
• Conduit installation for communications at Train Control.
• Structural backfill for Faregate.
• Installation of 8-inch waterline – Complete.
• Faregate and End Platform cabinets.
Airport Guideway and Stations
53% Complete (54.5% Planned)
Lelepaaua (Honolulu International Airport) – 2% Complete

Major Work Remaining
• Sample soil before over-excavation.
• Storm drain installation.
• Demobilize water treatment plant.
Major Work Remaining

- Installation of underground conduit from TCCR at Mauka entrance.
- Mauka entrance spread footings formwork and reinforcing in preparation for concrete.
Airport Guideway and Stations
53% Complete (54.5% Planned)
(Kahauiki) Middle Street Transit Center – 0.2% Complete

Major Work Remaining
• Install temporary fencing.
• Reach E: Coordinating AGS activities with waterline installation on Dillingham near GasPro.
• HECO Zone 9: Electrical relocation work.
City Center Utilities Relocation

Status as of September 5, 2019

• Estimated Completion: **February 2022**

  • Highlights on Construction Areas:
    ◦ 1A – Completing 24” water facility
    ◦ 1B – Evaluating alternatives
    ◦ 1C – Evaluating alternatives
    ◦ 2 – Installing drain laterals
    ◦ 3 – Removing abandoned fuel lines
    ◦ 4 – Redesigning utility relocations
    ◦ 5 – Assessing roundabout removal impacts
    ◦ 6 – Started probing and layout

  • Highlights on Elimination Activities:
    ◦ Working through several options to finalize design and mitigate original work scope on Dillingham, Halekauwila, and Queen Street.

Key Issues

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Dillingham Wet Tie-In Point
24-inch Water Line
Dillingham to Kaaahi

Work completed:
- Potholing
- Sewer jackets within the roadway
- Trench patching
- Sewer Line GSS1352 Deleted
Work continues:
- GSS1362 manholes being epoxy coated.
- Miscellaneous demonstration.

Work completed:
- Potholing
- Sewer Jackets
- Water lines GW1360 and GW1362
- Drain line GSD1363 work in DAGS property.
- Drain line work on remainder of GSD1363.
- Drain Line 1362.1 work in private property.
- Sewer line GSS1362 trench stabilization.
- GSS1362 and laterals.
- GSD1360 work.
Kaaahi Street
Drain line work
Kaaahi Street
Gravity Sewer Work - Completed
Iwilei Road to North Nimitz Hwy
Gravity Sewer Work - Completed

- Sewer line GSS1371
- Water line GW1373
- Drain line GSD1376 deleted
North Nimitz Hwy

Work continues:
- HECO F6 grouting completed and removal ongoing.
- Miscellaneous demo.
- Fuel line removal nearing completion.

Work completed:
- Potholing
- Water Line GW1402.

Multiple utility work deleted:
- Water line GW1379
- Sewer line GSS1396
- Drain line GSD1393
- Sewer line GSS1403
- Drain line GSD1403
Nimitz Fuel Line Removal
HECO F6 Grouting Completed and removal ongoing
Halekauwila Street

- Sewer start up pending pole relocations.
- Nan working on temporary pole relocation plan.
Queen to Kamakee
(Completed)
Work continues:
- Dry utilities potholing underway but not completed due to some areas being in the sidewalk.
- One-Time Review (OTR) plans received and being routed for street usage permit. DTS signature received.
- Temporary Traffic Signal Plan (TTSP) submitted, under DTS review.

Work completed:
- Additional probing completed 6/5/19.
- Potholing for wet utilities.
Pensacola to Piikoi

- DTS Street Usage permits Pensacola to Piikoi Streets received.
- Wet utilities potholing underway Pensacola to Piikoi Street.
- One-Time Review (OTR) plans received and being routed for street usage permit, awaiting DTS signature.
- Temporary Traffic Signal Plan (TTSP) submitted, under DTS review Traffic Management Plan (TMP) accepted.
- Piikoi intersection day Traffic Control Plans (TCP) accepted. Routed to DTS for street usage permit.
Task Order 18 (Pt. 1: Pensacola to Piikoi Potholing)
Piikoi to Kona Iki

- One-Time Review (OTR) plans received and being routed for street usage permit.
- Right of Entry for Brookfield Properties Retail potholing executed.
- Traffic Control Plans (TCP) approved by HART.
- Potholing underway.
- HECO 25kv line located 9/4/19.
Mahalo!