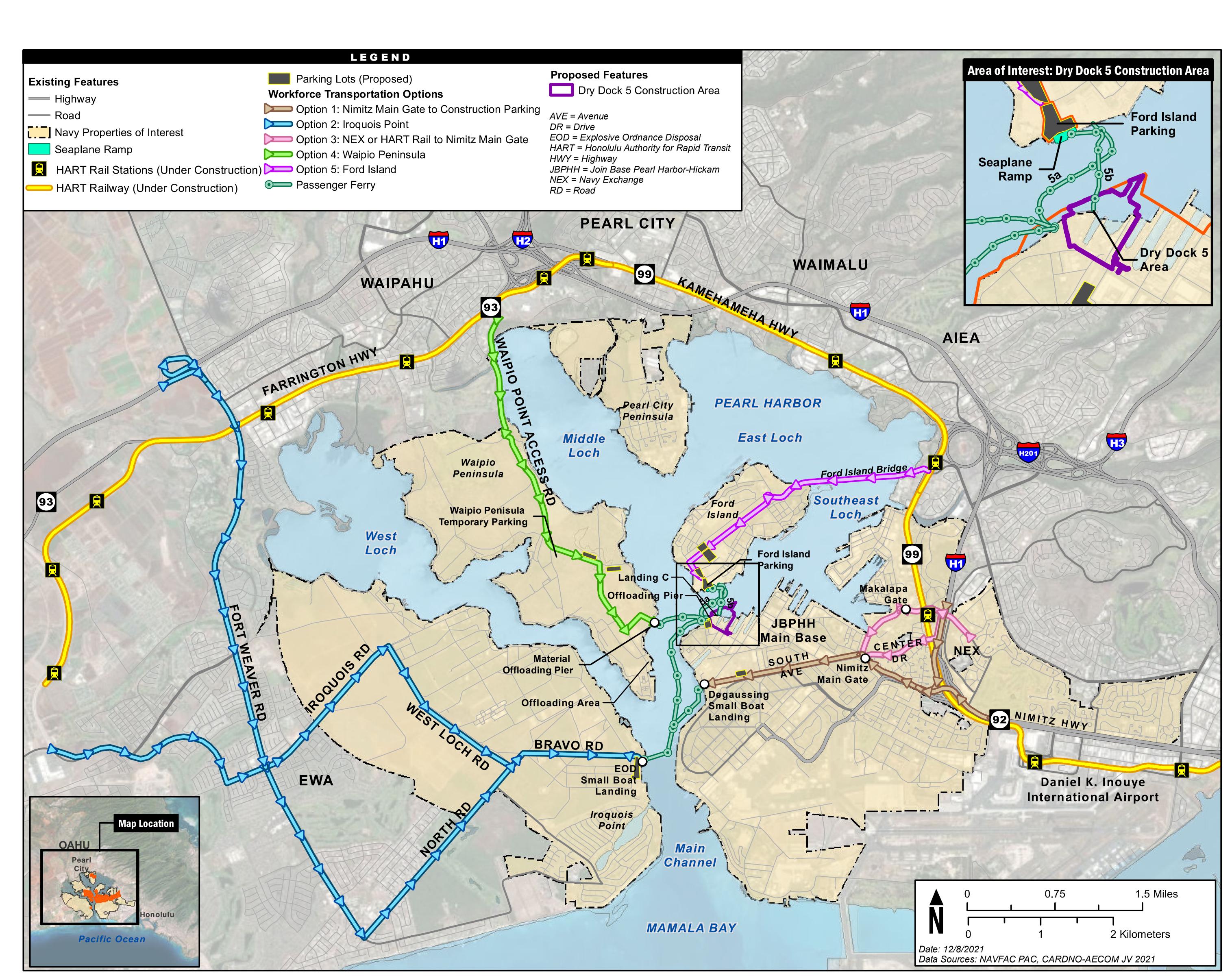


TRAFFIC

Traffic-related impacts could result from construction material transport and additional project-related commuter traffic.

Alternative 4 (Navy's Preferred Alternative)

- Localized traffic-related impacts would be minimized to the extent practicable by adjusting shift work start times so that construction-related traffic does not coincide with morning or afternoon rush hour.
- Impacts from new commuter traffic would vary by each of the five workforce commuter routes being considered (see table below).
- Potential impacts would last for the duration of construction of Dry Dock 5 and the waterfront production facility.
- Material transport would have negligible impacts if trips are timed for non-peak hour periods.



Workforce Transportation Options

Workforce Commuter Route Option	Anticipated Traffic Impacts
Option 1: Nimitz Main Gate to Temporary Construction Parking	 No morning or afternoon rush hour conflicts between construction traffic and existing Pearl Harbor Naval Shipyard traffic flow.
	 Increased delay could occur at the left turns turning out of Russell Avenue onto South Avenue and from North Road to Nimitz Highway.
Option 2: Iroquois Point Route Ferry Transport	 Construction workers would be traveling in the opposite direction from primary commuter traffic in the Ewa area and would not conflict with existing traffic flow.
Option 3: Bus transport from Navy Exchange or HART Rail to Nimitz Main Gate	 Increase number of construction worker vehicles could create a shortage of parking for the Navy Exchange facility.
	 The low number of bus trips would have minor impacts to intersection operations and would have negligible impact on operations at Makalapa Gate, if the bus shuttle is pre- cleared for entry into Joint Base Pearl-Harbor Hickam.
Option 4: Waipio Point Route and Ferry Transport	Morning rush hour delays could occur on Farrington Highway.
	 Substantial delay could occur during afternoon rush hour due to conflict with construction traffic and end-of-day traffic from Naval Inactive Ship Maintenance Facility and Waipahu High School.
Option 5: Ford Island Route and Ferry Transport	• During the afternoon rush hour, construction traffic would be in competition with end- of-day traffic exiting Ford Island, resulting in substantial delay.
	 Because the Ford Island Access Road has a secure entry, construction worker traffic would also increase delays to vehicles entering Ford Island.

Comparison to Other Action Alternatives

The nature of impacts would be the same across all action alternatives. However, Alternatives 3 and 5 would have a shorter construction period for the waterfront production facility, so the duration of impacts would be shorter.

