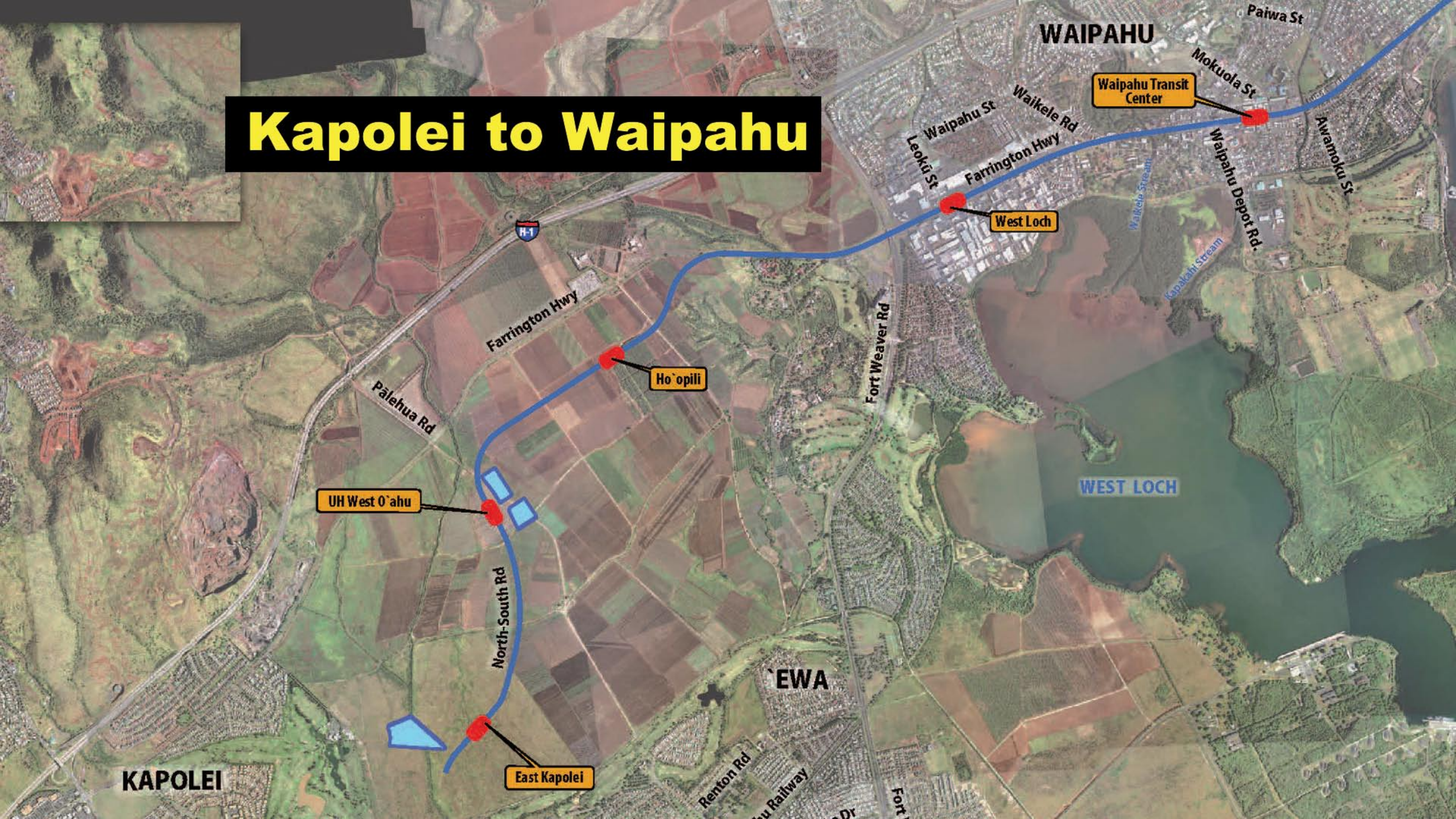


Location	population of tract	population near station	percent in tract near station	Population density Per acre near stations (each station area is 500 acres, within the half-mile radius)
census tract number				
Waipahu West Loch				
Census tract #89.14	5098	4843.1	95%	
87.03	6837	3418.5	50%	
89.13	4116	1646.4	40%	
total		9908		20
Waipahu				
Census tract #87.02	5593	5593		
87.01	8787	4393.5	50%	
88	8054	805.4	10%	
total		10791.9		22
Pearl City				
Census tract # 80.03	4668	4668	100%	
80.01	2005	401	20%	
total		5069		10
Aiea				
Census tract #78.08	3346	3346	100%	
78.07	5405	2162	40%	
77.01	4240	127.2	3%	
total		5508		11
Aloha Stadium				
Census tract #75.04	3171	3171	100%	6
Middle, Kalihi and Kapalama				
Census tract #60	5421	5421	100%	
59	3353	2553	76%	
58	3440	3440	100%	
57	2148	2148	100%	
total		13562		12
		48009.9	TOTAL	12 average per station

Kapolei to Waipahu



WAIPAHU

Waipahu Transit Center

West Loch

Ho'opili

UH West O'ahu

East Kapolei

EWA

KAPOLEI

WEST LOCH

Paiwa St

Mokuola St

Waipahu Dept. Rd.

Awamoku St

Waikēle Rd

Farrington Hwy

Leokū St

Waipahu St

Fort Weaver Rd

Farrington Hwy

Pālehua Rd

North-South Rd

Renton Rd

U Railway

Fort

Leeward C.C. to Airport



Pearl Highlands

Leeward Community College

Pearlridge

Aloha Stadium

Pearl Harbor Naval Base

Honolulu International Airport

PEARL CITY

AIEA

EAST LOCH

MIDDLE LOCH

FORD ISLAND

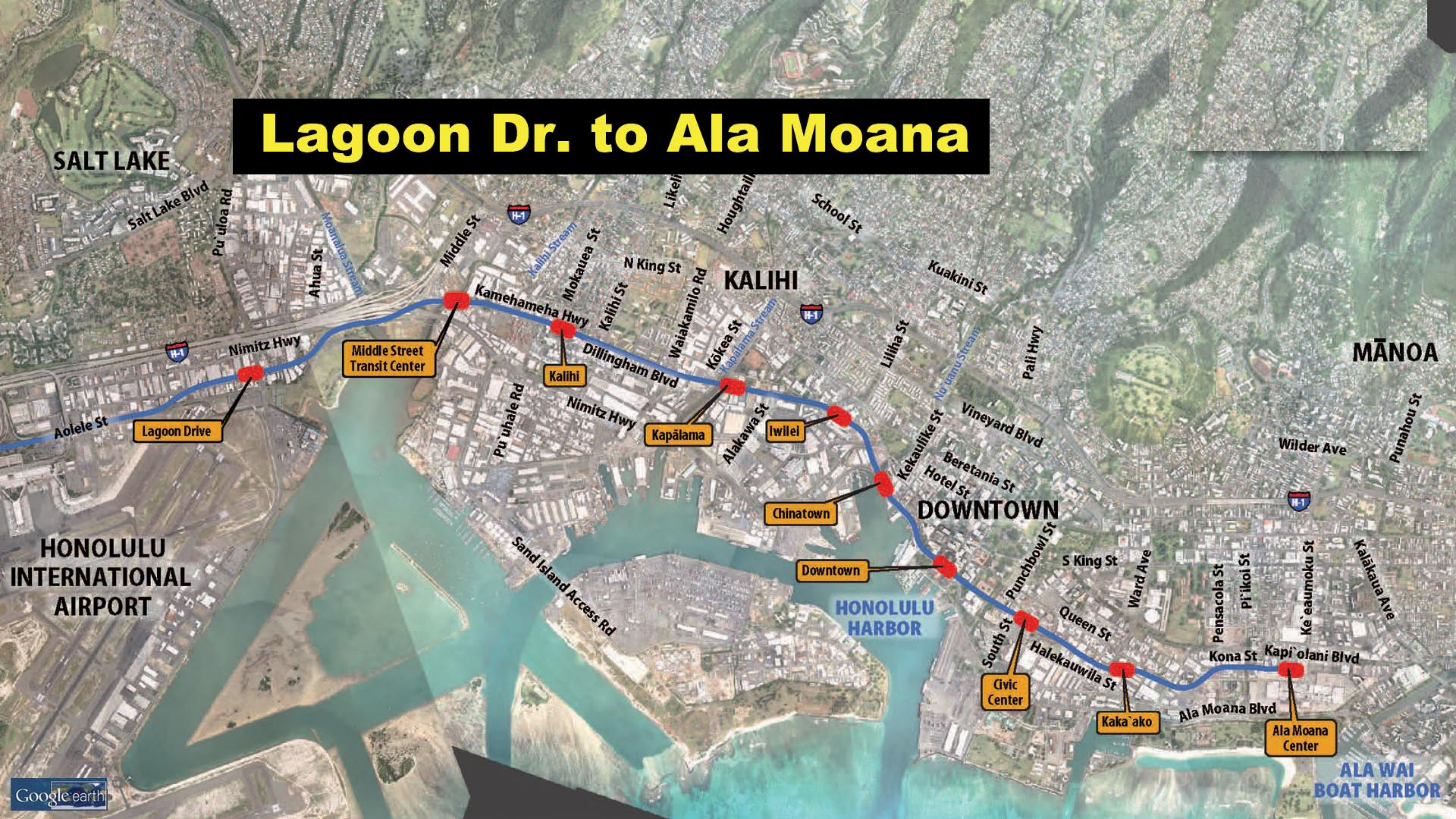
PEARL HARBOR

SALT LAKE

HICKAM AFB

Google earth
WEST LOCH

Lagoon Dr. to Ala Moana



SALT LAKE

Salt Lake Blvd
Pu'uloa Rd

Ahua St

Nimitz Hwy

Middle Street
Transit Center

Lagoon Drive

Middle St

Kamehameha Hwy

Kalihi

Nimitz Hwy

Kapālama

Alakawa St

Iwilei

Chinatown

Downtown

DOWNTOWN

Civic Center

Kaka'ako

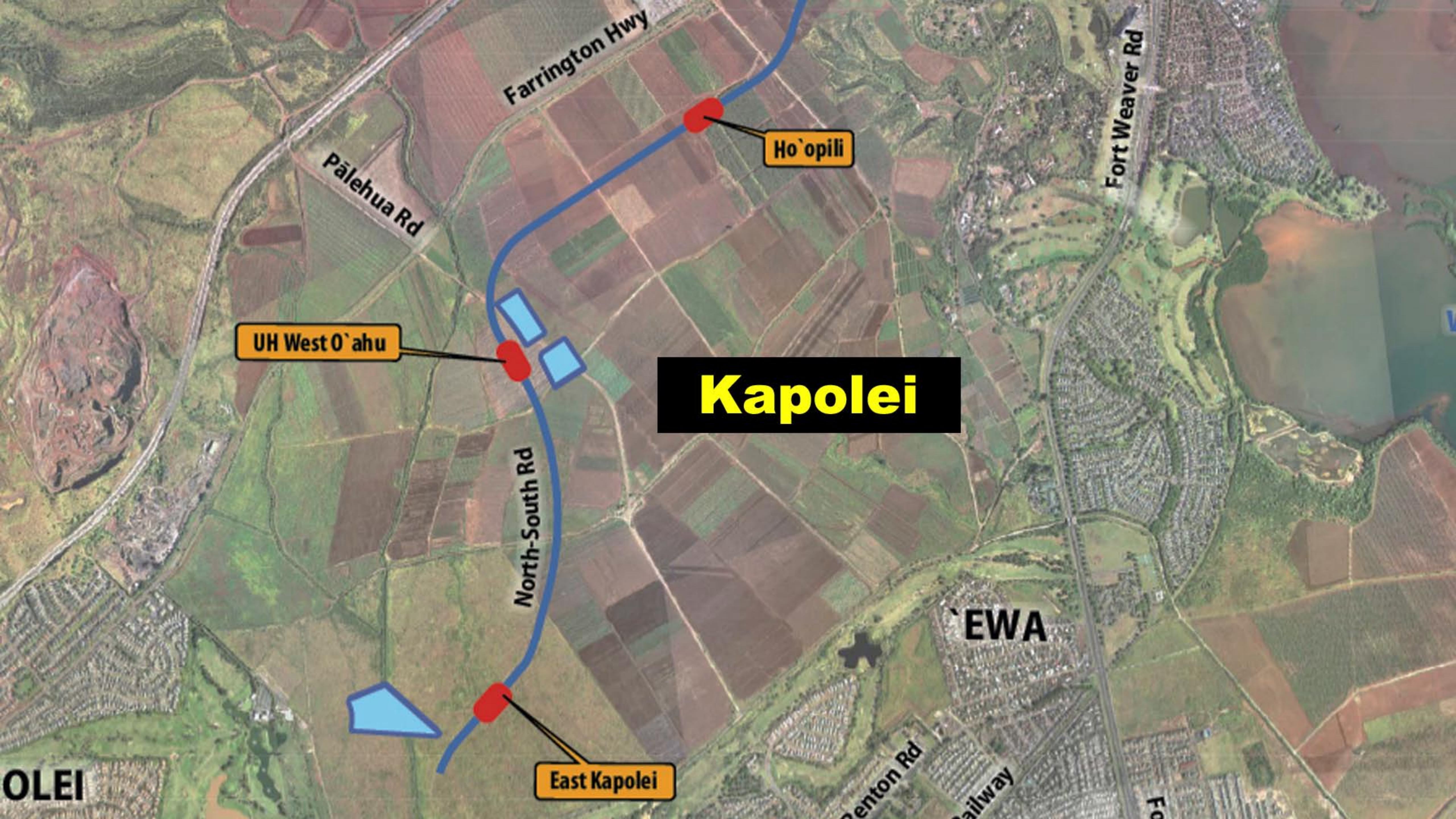
Ala Moana Center

MĀNOA

ALA WAI
BOAT HARBOR

HONOLULU
INTERNATIONAL
AIRPORT

HONOLULU
HARBOR



Farrington Hwy

Pālehua Rd

Fort Weaver Rd

Ho'opili

UH West O'ahu

Kapolei

North-South Rd

EWA

OLEI

East Kapolei

Denton Rd

Railway

Fort

Kapolei





Google earth

West Loch - Waipahu

Images Date: 12/11/2007 2008

155°01'22.11" W 21°22'35.04" N

2.35 km

CT #89.13

CT#89.14

CT #87.03

West Loch - Waipahu







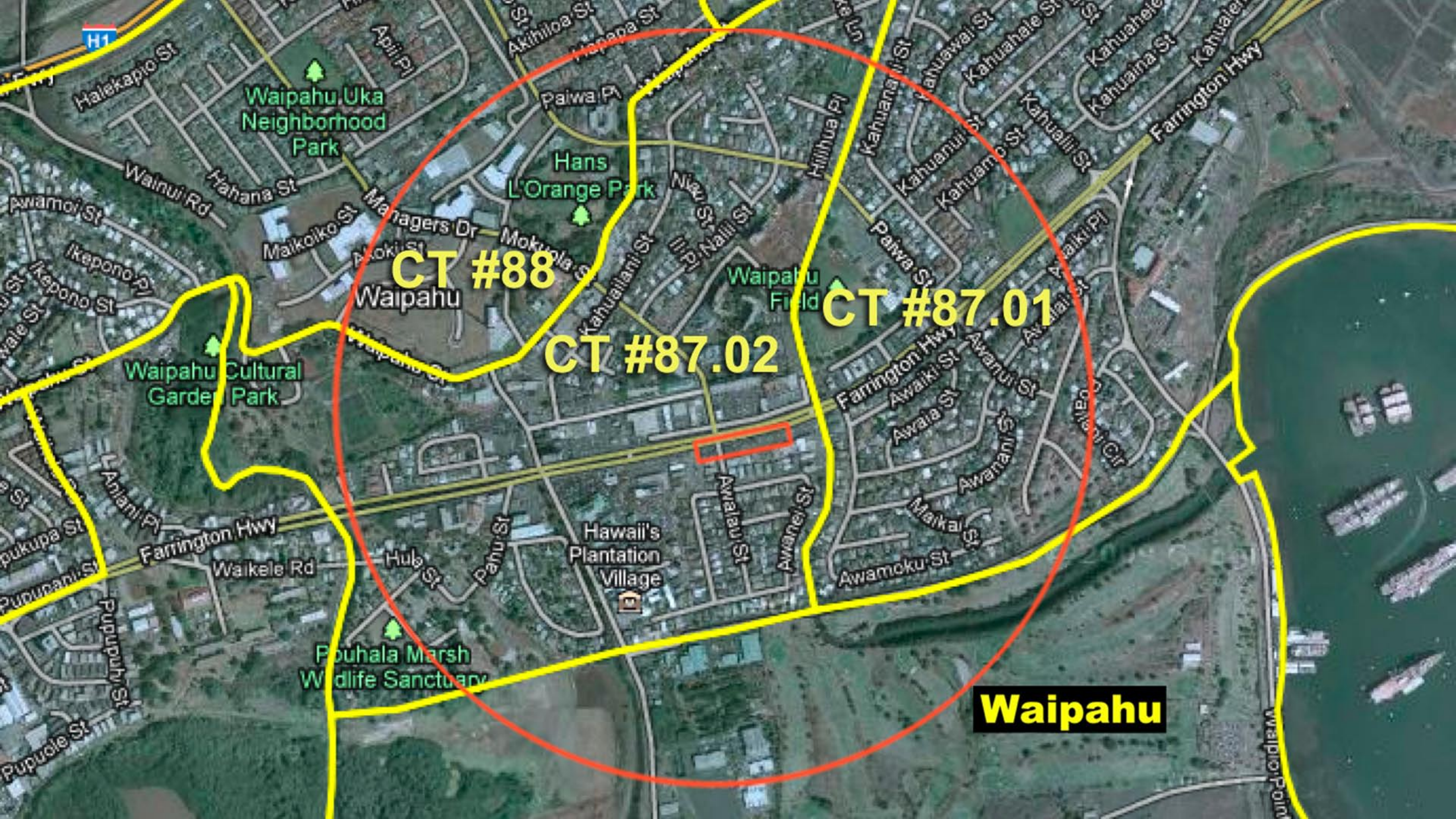


Waipahu

Google earth

Imagery Date: 12/11/2007

© 2014 Google Technology
21.9 158.003 78' 6" elev. 2 m



H1

Waipahu Uka
Neighborhood
Park

Hans
L'Orange
Park

CT #88

CT #87.01

CT #87.02

Waipahu Cultural
Garden Park

Waipahu
Field

Hawaii's
Plantation
Village

Pouhala Marsh
Wildlife Sanctuary

Waipahu

Halekapio St

Hahana St

Paiwa Pl

Mokuola St

Hilihue Pl

Kahuanui St

Kahuahale St

Kahuaina St

Kahualea St

Wainui Rd

Maikoiko St

Managers Dr

Mokuola St

Niw St

III Pl

Naiali St

Kahuana II St

Kahuahale St

Kahualea St

Kahualea St

Farrington Hwy

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

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Ikepono St

Ikepono St

Ikepono St

Ikepono St

Ikepono St

Farrington Hwy

Waikele Rd

Hub St

Pahu St

Awaiaki St

Awamoku St

Maikai St

Awamoku St

Awamoku St

Awamoku St

Awamoku St

Awamoku St

Awamoku St

Awamoku St

Awamoku St

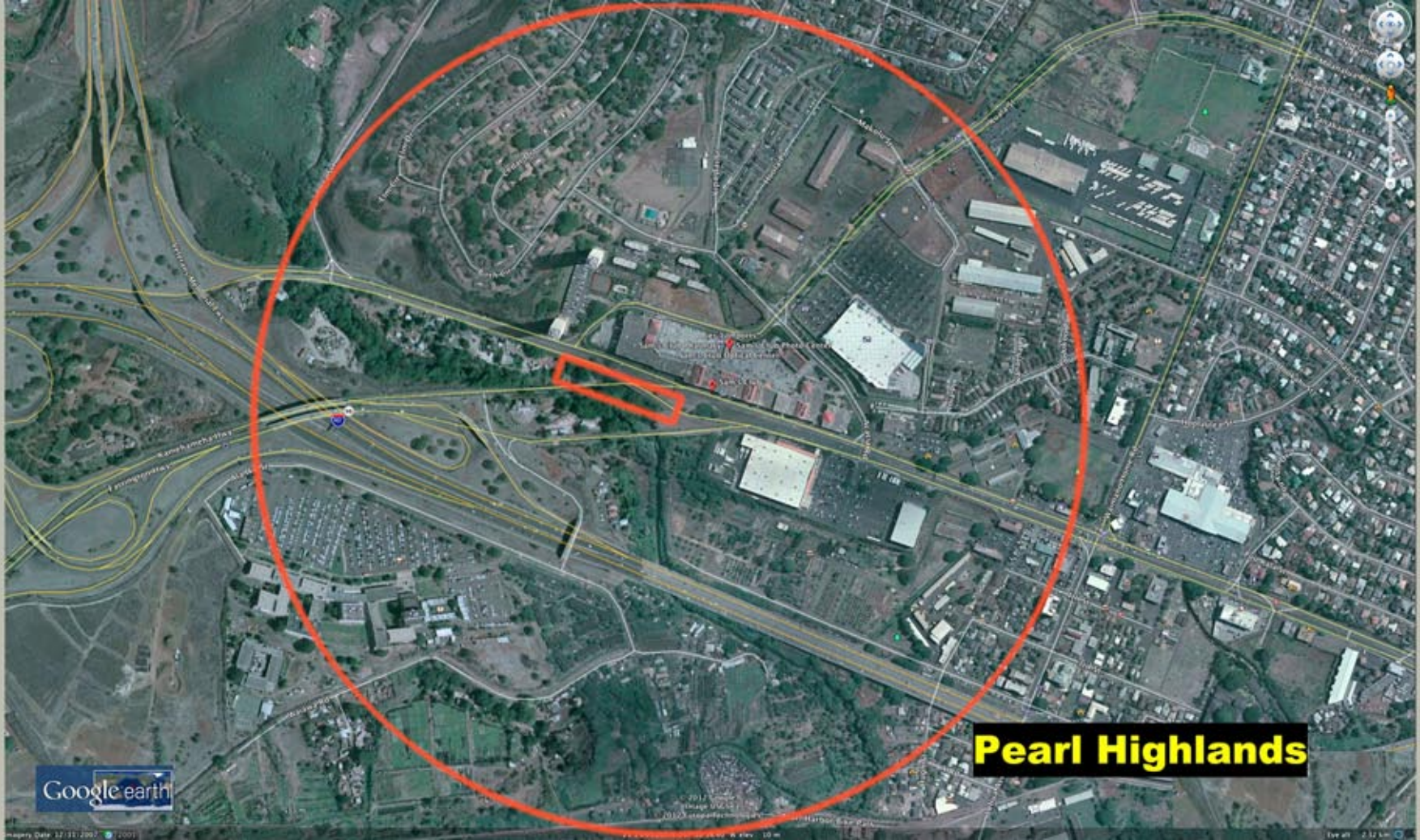
Awamoku St

Awamoku St

Waipio Point



**LEEWARD
Community College**

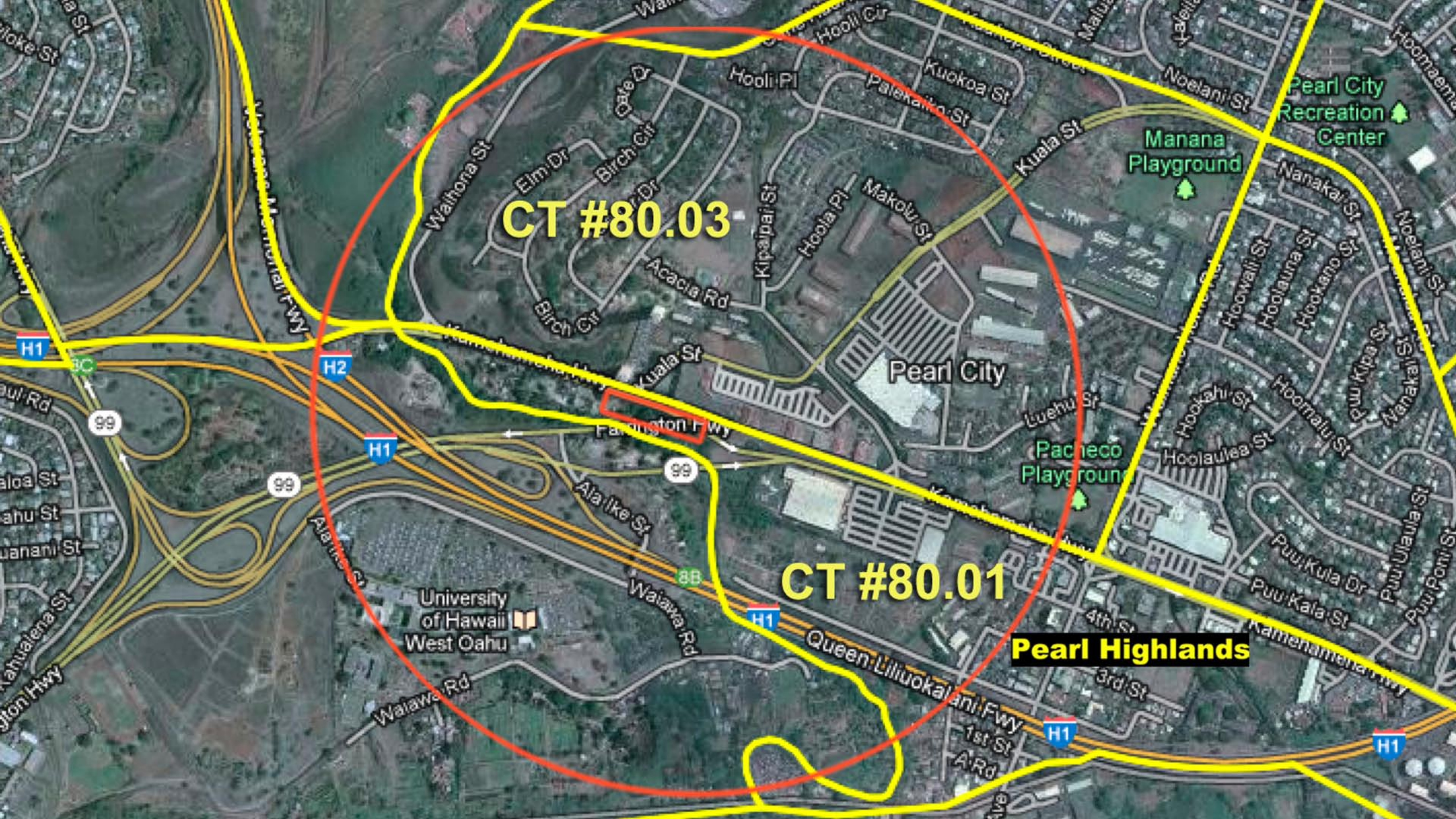


Pearl Highlands

CT #80.03

CT #80.01

Pearl Highlands







Google earth

Pearlridge

Imagery Date: 12/11/2007 100%

© 2012 Google
Image USGS
© 2012 Ligo Technologies

12.45 7.12 km



CT #78.07

CT #78.08

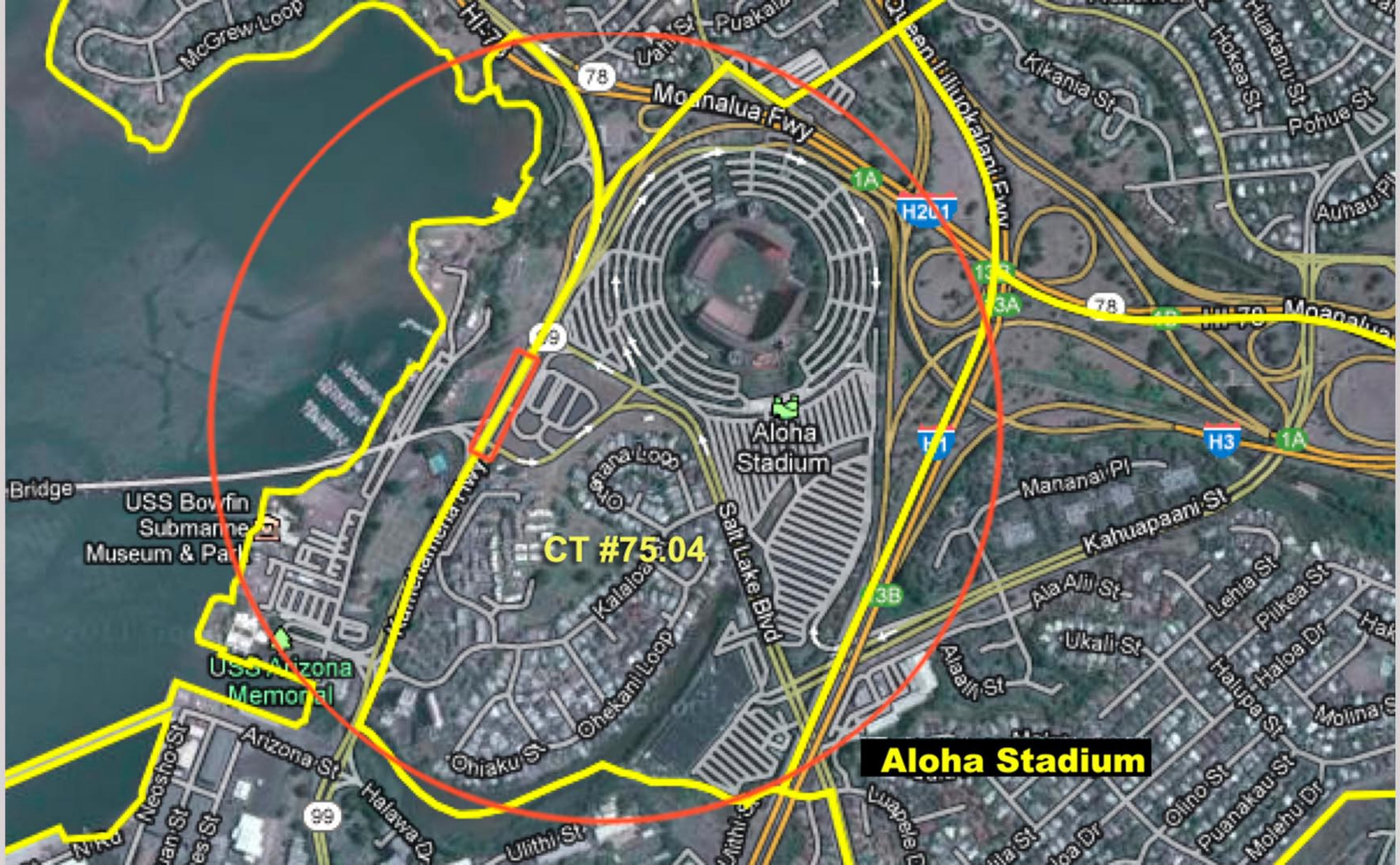
CT #77.01

Pearlridge





Aloha Stadium



CT #75.04

Aloha Stadium

USS Bowfin
Submarine
Museum & Park

USS Arizona
Memorial

Aloha
Stadium

Moanalua Fwy

H201

H3

78

78

99

McGrew Loop

Uahi St - Puakala

Kikania St

Hokea St

Huakani St

Pohue St

Moanalua

Bridge

USS Bowfin
Submarine
Museum & Park

Ostana Loop

Salt Lake Blvd

Mananai Pl

Kahuapaani St

Ala Ali St

Lehia St

Piikea St

Ukali St

Halape St

Haloe Dr

Neosho St

Arizona St

Halawa Dr

Ohia St

Ohia St

Ohia St

Ulithi St

Luapepe Dr

Alia St

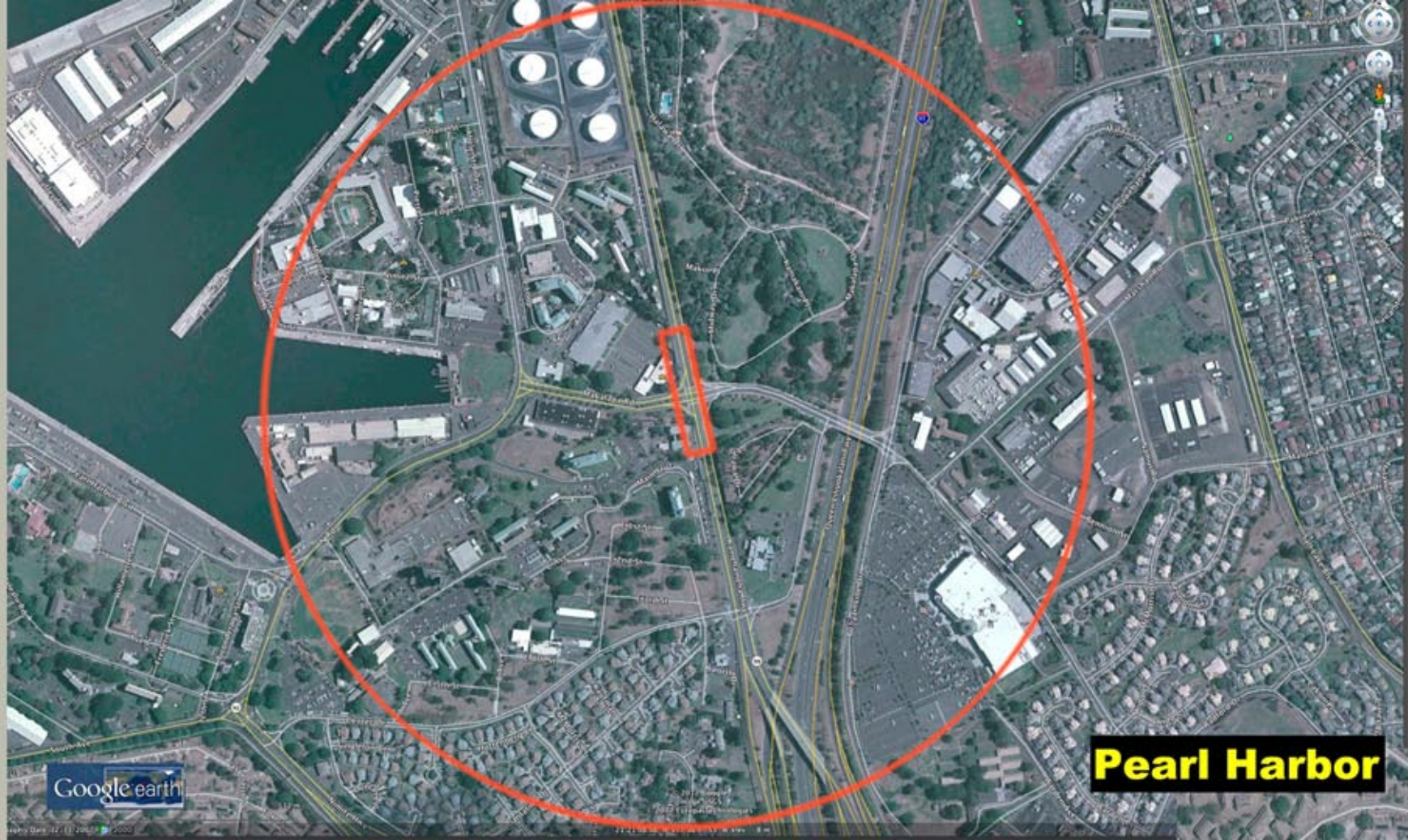
Ala Dr

Olino St

Puanakau St

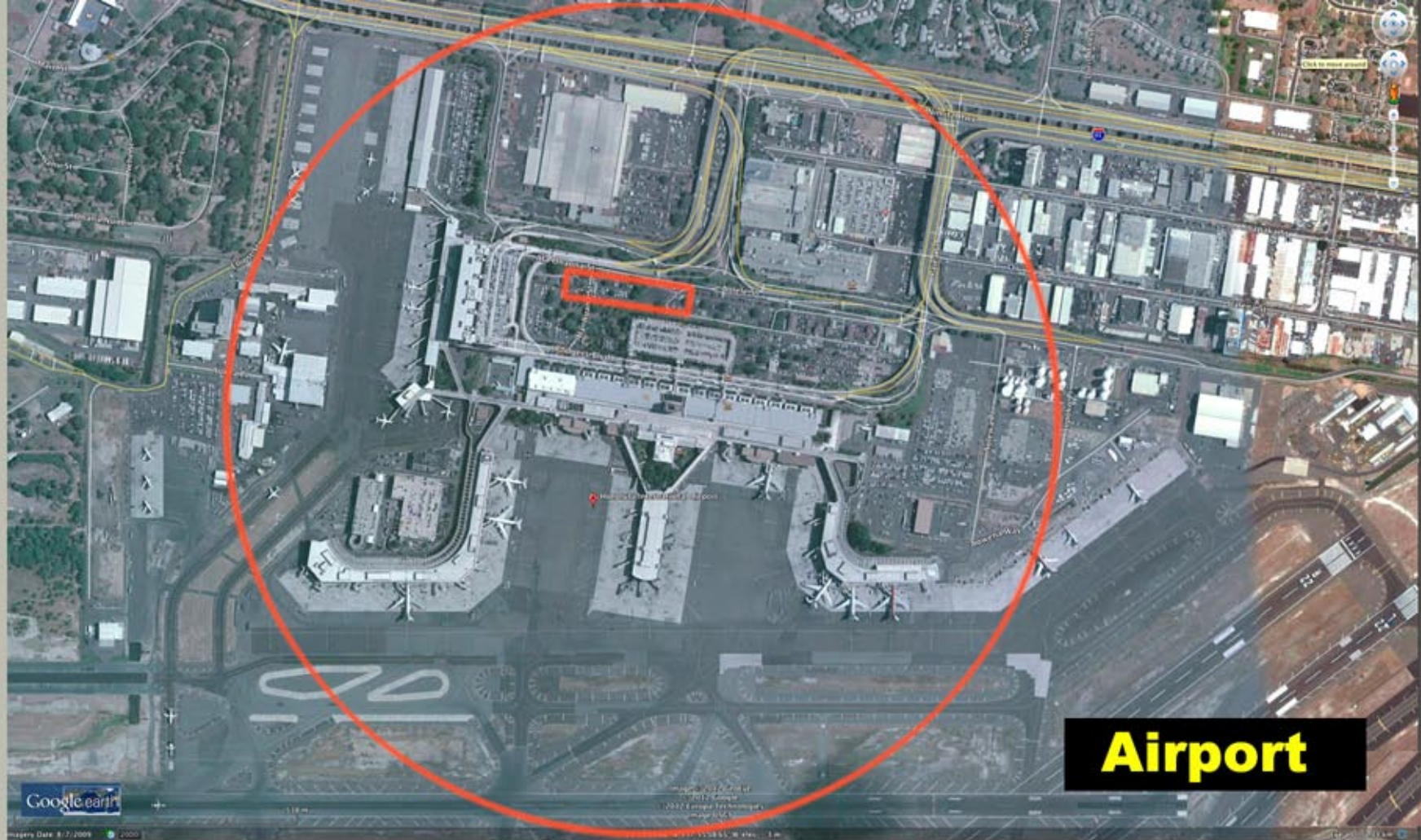
Molehu Dr

Molina St



Google earth

Pearl Harbor



Airport



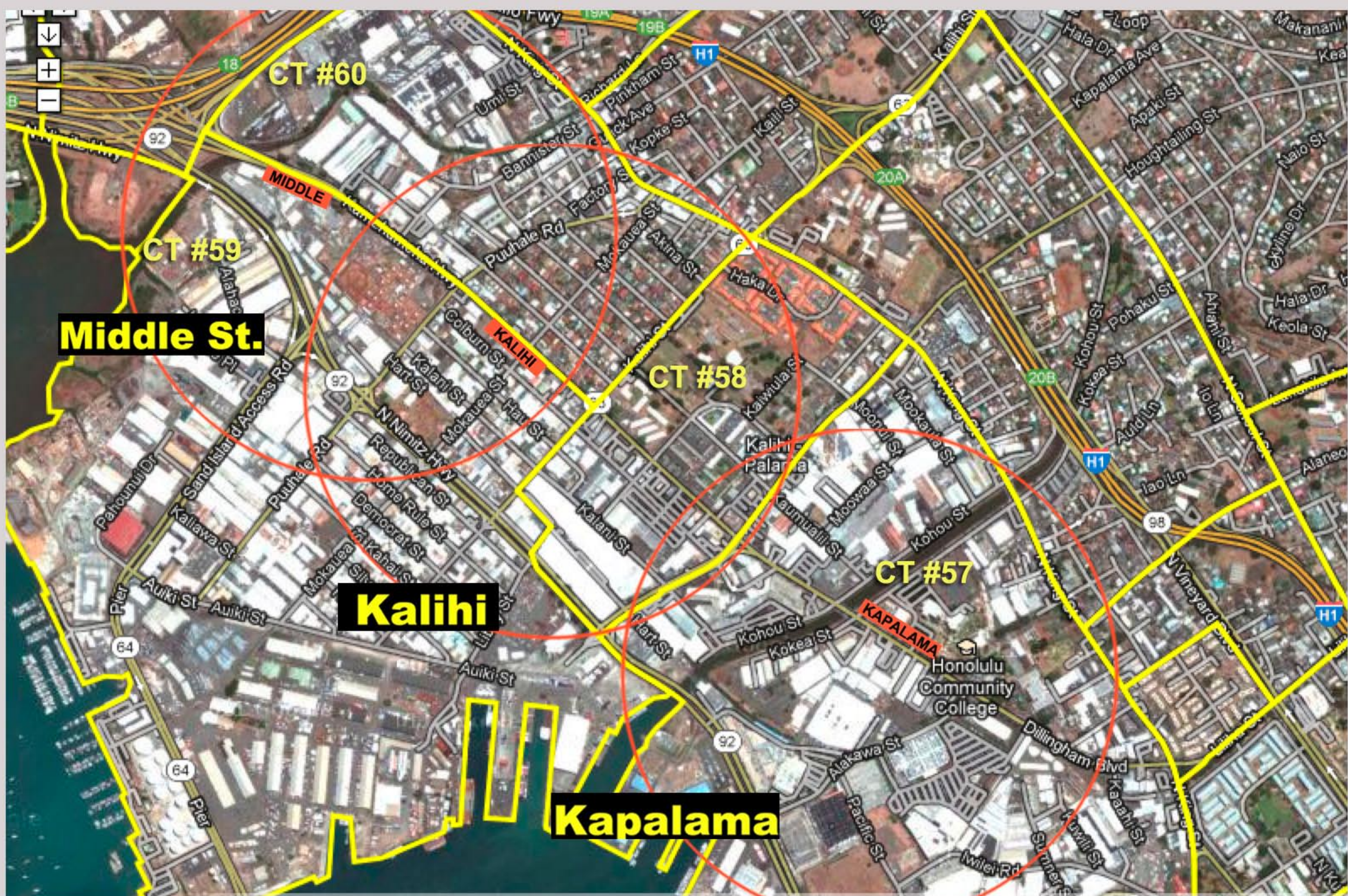
Lagoon Dr.

Google earth

Map data © 2009

© 2009 Google

1000 ft 1 mi



Middle St.

Kalihi

Kapalama

CT #60

CT #59

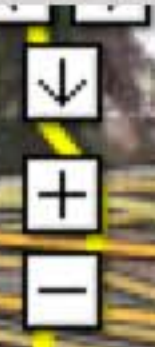
CT #58

CT #57

KAPALAMA

Honolulu
Community
College

Kalihi
Palama





Middle St.



Kalihi



Kapalama

Google earth

A satellite view of Honolulu, Hawaii, with several neighborhoods highlighted by red circles. The labels are: Iwilei, Chinatown, Downtown, Civic Center, Kaka'ako, and Ala Moana. The map shows the city's layout, including the harbor, downtown buildings, and surrounding areas. The Google Earth interface is visible at the bottom.

Iwilei

Chinatown

Downtown

Civic Center

Kaka'ako

Ala Moana

census tract	name	population	sq kilometers	density/sq k	sq miles	density sq mi	density/acre
19.04*	Hobron Lane	3,912	0.12	33,905.9	0.04	87,816.0	137.2124811
18.03*	Tusitala Street	3,360	0.11	31,338.9	0.04	81,167.4	126.8240172
68.09	Ala Ilima Makai**	5,040	0.17	30,403.2	0.06	78,743.9	123.0373978
19.03*	Ena Road	2,770	0.09	29,972.8	0.04	77,629.3	121.2957769
68.08	Ala Ilima Mauka**	4,423	0.17	26,752.9	0.06	69,289.6	108.2650561
34.06	Lower Makiki**	5,777	0.24	23,807.0	0.09	61,659.8	96.34339634
20.05*	Ala Wai-Niu Street	2,389	0.10	23,153.5	0.04	59,967.3	93.69883584
54	Mayor Wright Housing	1,637	0.08	19,812.2	0.03	51,313.3	80.17698644
62.02	Linapuni Street**	1,701	0.09	19,650.7	0.03	50,895.0	79.52337609
52	Chinatown	3,293	0.17	19,307.4	0.07	50,006.0	78.13444048
34.05	Poki Street**	3,250	0.17	18,586.6	0.07	48,139.1	75.21736512
24.01	Lower McCully**	3,096	0.17	18,294.6	0.07	47,382.9	74.03573214
34.04	Makiki Fire Station**	4,716	0.26	17,914.7	0.10	46,398.8	72.49807814
36.03*	Ahana Street	2,807	0.16	17,362.0	0.06	44,967.4	70.26148442
20.03*	Seaside Avenue	2,477	0.14	17,207.7	0.06	44,567.8	69.63717848
51	Foster Botanical Garden**	3,090	0.19	16,223.4	0.07	42,018.3	65.65363799
20.06*	Ala Wai-Olohana Street	2,364	0.15	16,013.7	0.06	41,475.2	64.80496515
34.03	Thurston Street	5,530	0.35	15,924.1	0.13	41,243.3	64.44261289
78.07	Pearl Ridge High Rise	5,405	0.36	15,147.2	0.14	39,231.0	61.29847668
23	Moiiliili	5,523	0.37	15,112.6	0.14	39,141.5	61.15862667
22.02*	Ala Wai Park-Lauiki Street	3,400	0.24	14,260.8	0.09	36,935.4	57.71160057
22.01*	Kamoku Street-Iolani School	3,684	0.27	13,702.2	0.10	35,488.7	55.45102646
36.04*	Kaheka Street-Makaloa Street	2,519	0.19	13,318.8	0.07	34,495.6	53.89931261
42	Queen Emma Gardens	3,432	0.26	13,241.0	0.10	34,294.2	53.58461481
18.04*	Jefferson School	1,849	0.15	12,660.7	0.06	32,790.9	51.23584976
24.02	Upper McCully**	3,228	0.26	12,491.5	0.10	32,352.8	50.5512506
62.01	Kam IV Road**	6,047	0.55	11,078.1	0.21	28,692.2	44.83153781
36.01	Sheridan Street	4,109	0.38	10,855.7	0.15	28,116.0	43.93132141
20.04*	International Market Place	1,398	0.13	10,791.6	0.05	27,950.2	43.67212195
53	Aala	3,636	0.35	10,406.4	0.13	26,952.4	42.11312883
18.01	Koa Avenue	1,717	0.17	10,174.2	0.07	26,350.9	41.17332903
64.01	Gulick Avenue-Likelike**	2,059	0.20	10,162.8	0.08	26,321.6	41.12752167
84.12*	Ewa Gentry	6,543	0.65	10,019.3	0.25	25,949.9	40.54670616
55	Palama	2,078	0.22	9,631.8	0.08	24,946.3	38.97863332
68.02	Aliamanu	6,842	0.72	9,519.6	0.28	24,655.7	38.52459628
89.14	Honowai School**	5,098	0.55	9,251.0	0.21	23,959.9	37.43730137
25	Lower Pawaa**	3,915	0.42	9,229.5	0.16	23,904.2	37.35031229
35.02*	Upper Pawaa	3,876	0.42	9,228.0	0.16	23,900.4	37.34439017
61	Kalihi Waena	4,175	0.48	8,730.0	0.18	22,610.5	35.32897882
49	Lanakila	3,198	0.41	7,773.3	0.16	20,132.7	31.45729634
35.01*	Academy of Arts	2,282	0.30	7,667.0	0.11	19,857.3	31.02706268
60	Umi Street**	5,421	0.72	7,567.8	0.28	19,600.6	30.6259025
34.07	Maryknoll School**	913	0.12	7,483.2	0.05	19,381.5	30.28359061
50	Kuakini	4,049	0.55	7,386.1	0.21	19,129.8	29.89036902
56	Kapalama	6,749	0.93	7,230.5	0.36	18,727.0	29.26092249
58	Waiakamilo Road**	3,440	0.51	6,751.0	0.20	17,484.9	27.32022682
41	Queen's Hospital	4,504	0.67	6,691.3	0.26	17,330.5	27.0788438
67.02	Red Hill**	1,989	0.31	6,498.8	0.12	16,831.8	26.2997526
26	Bingham Tract	4,249	0.67	6,382.3	0.26	16,530.2	25.82842359
15	Upper Kapahulu	3,527	0.56	6,284.9	0.22	16,277.8	25.43405673
16	Lower Kapahulu	3,783	0.62	6,111.2	0.24	15,828.0	24.73128214
12.02	Lower Palolo**	3,030	0.52	5,806.2	0.20	15,038.0	23.4968994
12.01	Waialae Avenue-Pukele Avenue**	2,924	0.53	5,483.2	0.21	14,201.3	22.1895244
88	Managers Drive**	8,054	1.48	5,440.5	0.57	14,090.9	22.01702021
89.23	Seaview**	4,737	0.90	5,279.5	0.35	13,674.0	21.36556943
40	Financial District**	1,552	0.30	5,227.9	0.11	13,540.1	21.15639756
87.02	St. Joseph School	5,593	1.07	5,206.2	0.41	13,483.9	21.06854751
89.12	August Ahrens School	2,570	0.50	5,169.5	0.19	13,388.9	20.92012769
84.02	Ewa Beach	8,206	1.59	5,163.4	0.61	13,373.2	20.89554925
14	Kapaolono Field	2,550	0.50	5,052.7	0.19	13,086.5	20.4476991
109.03	Oneawa Street-Kawainui**	4,133	0.82	5,029.9	0.32	13,027.3	20.35519099
89.13	Robinson Heights	4,116	0.83	4,939.2	0.32	12,792.6	19.98843227
27.02	Punahou School**	5,057	1.03	4,905.4	0.40	12,704.9	19.85134692
63.01	Kalihi Valley Park	3,773	0.78	4,849.6	0.30	12,560.4	19.62569233
89.27*	Koolani Drive	5,180	1.11	4,676.0	0.43	12,110.9	18.92327801
11	Central Palolo	3,862	0.83	4,676.0	0.32	12,110.9	18.92322789
9.03	Lower Wilhelmina**	2,858	0.62	4,623.3	0.24	11,974.4	18.70998687
89.25*	Village Park	6,902	1.50	4,616.0	0.58	11,955.4	18.68028806
109.05	Ulupaina Street	2,513	0.55	4,583.1	0.21	11,870.1	18.54700561

84.07*	Ocean Pointe	3,325	0.73	4,547.2	0.28	11,777.2	18.4019204
13	Kaimuki: 6th Avenue**	4,207	0.93	4,534.0	0.36	11,743.0	18.34843147
83.02	Campbell High School**	6,749	1.53	4,401.2	0.59	11,399.1	17.81110996
84.05*	Holomua School	4,664	1.06	4,388.1	0.41	11,365.1	17.7579864
94	Wahiawa Makai	5,155	1.18	4,353.7	0.46	11,276.0	17.61868419
43	Punchbowl**	5,591	1.33	4,209.2	0.51	10,901.9	17.03419287
78.04	Lower Pearl City**	1,907	0.46	4,152.7	0.18	10,755.5	16.80550083
63.02	Kalena Drive	2,720	0.66	4,143.5	0.25	10,731.7	16.76822196
78.05	Waiiau Townhouses	5,136	1.27	4,057.6	0.49	10,509.2	16.42065197
105.04	Waikalua Road	5,115	1.27	4,037.6	0.49	10,457.4	16.33964726
93	Wahiawa Waena	4,762	1.19	3,997.9	0.46	10,354.6	16.17901273
89.09	Mililani District Park	3,806	1.00	3,789.7	0.39	9,815.2	15.33617463
109.04	Maluniu Avenue**	3,570	0.97	3,696.6	0.37	9,574.3	14.95979954
95.01	Kolekole Avenue	4,893	1.33	3,685.5	0.51	9,545.5	14.91477103
105.07*	Kahuhipa Street	5,421	1.51	3,601.8	0.58	9,328.5	14.5758002
89.29*	Mililani Mauka-Meheula Parkway	4,836	1.36	3,568.5	0.52	9,242.5	14.44136911
80.07	Pearl City Highlands**	5,306	1.50	3,538.7	0.58	9,165.3	14.32072187
68.06	Ala Liliiko**	1,704	0.48	3,529.7	0.19	9,141.8	14.28408715
1.08	Hawaii Kai Marina	3,264	0.93	3,508.7	0.36	9,087.5	14.19923613
21	Olokele Avenue	3,864	1.12	3,463.0	0.43	8,969.0	14.01413198
69	Arizona Road**	3,823	1.12	3,424.5	0.43	8,869.3	13.8582774
75.05	Foster Village	5,338	1.56	3,415.5	0.60	8,846.0	13.82184409
27.01	UH Manoa Campus**	5,093	1.50	3,404.9	0.58	8,818.5	13.77897029
38	Kakaako	3,970	1.17	3,399.3	0.45	8,804.1	13.75644908
8	Kaimuki: Kapiolani Community Coll	3,771	1.12	3,360.8	0.43	8,704.5	13.60075052
77.01	Lower Aiea	4,240	1.26	3,352.1	0.49	8,681.9	13.5654318
1.12*	Koko Marina	5,555	1.66	3,346.5	0.64	8,667.3	13.54273284
9.01	Waialae Nui Valley**	2,736	0.84	3,258.9	0.32	8,440.6	13.18842686
47	Alewa-Kawananakoa	4,553	1.40	3,244.4	0.54	8,402.9	13.1294814
37	Ala Moana	5,579	1.73	3,218.9	0.67	8,336.9	13.02634879
80.03	Manana**	4,668	1.46	3,203.9	0.56	8,298.0	12.96560983
105.08*	Liilipuna Road	2,569	0.80	3,196.8	0.31	8,279.6	12.93687924
86.13*	Makakilo: Wainohia Street	904	0.28	3,191.1	0.11	8,264.8	12.91378141
89.07	Mililani High School**	4,232	1.34	3,160.9	0.52	8,186.7	12.79174791
87.01	Leeward Community College**	8,787	2.81	3,121.7	1.09	8,085.2	12.63308212
7	Kaimuki: 22nd Avenue**	2,966	0.97	3,062.3	0.37	7,931.4	12.39279087
89.28*	Mililani Mauka Middle School	3,884	1.28	3,039.8	0.49	7,873.0	12.30148574
78.08	Pearlridge Center**	3,346	1.10	3,037.0	0.43	7,865.7	12.29022594
87.03	West Loch**	6,837	2.26	3,020.1	0.87	7,821.9	12.22173415
89.21	Waipio**	2,668	0.89	3,001.1	0.34	7,772.7	12.14487499
111.04	Enchanted Lakes	4,860	1.64	2,956.0	0.63	7,656.0	11.96248283
111.05	Kailua Town**	3,205	1.09	2,945.8	0.42	7,629.6	11.92132425
106.01	Puohala	3,422	1.16	2,943.5	0.45	7,623.6	11.91193752
95.02	Menoher Street	4,243	1.46	2,911.8	0.56	7,541.5	11.78361384
30	Judd Hillside-Lowrey Avenue**	4,321	1.49	2,900.6	0.58	7,512.4	11.73818349
75.04	Aloha Stadium	3,171	1.09	2,900.3	0.42	7,511.6	11.73693801
9.02	Maunalani Heights	4,088	1.49	2,743.9	0.58	7,106.7	11.10423753
106.02	Castle High School-Halekou Road**	5,449	2.01	2,714.4	0.78	7,030.4	10.9849551
84.06*	Hawaii Prince Golf Course	5,997	2.26	2,652.7	0.87	6,870.5	10.73509319
84.11*	Geiger Road	3,448	1.31	2,623.6	0.51	6,795.0	10.61720061
64.02	Kamanaiki Street**	6,387	2.53	2,522.0	0.98	6,531.9	10.20605813
68.05	Salt Lake Country Club**	6,167	2.47	2,499.6	0.95	6,474.0	10.11565616
89.30*	Mililani: Ainamakua Drive	2,560	1.04	2,464.6	0.40	6,383.4	9.974007769
98.02	Makaha**	6,386	2.65	2,407.6	1.02	6,235.5	9.743045661
80.06	Pearl City	4,858	2.07	2,345.9	0.80	6,076.0	9.493721838
75.06	Red Hill Military Housing**	933	0.40	2,337.9	0.15	6,055.1	9.461171161
86.17*	Ewa Villages	9,364	4.03	2,321.8	1.56	6,013.4	9.395946074
89.18	Mililani: Nob Hill	5,429	2.35	2,313.5	0.91	5,991.9	9.362361652
89.17	Mililani Town Center**	4,554	1.99	2,293.5	0.77	5,940.1	9.281476546
89.06	Mililani Golf Course	3,771	1.65	2,284.3	0.64	5,916.4	9.244356667
92	Wahiawa Mauka	7,963	3.51	2,266.0	1.36	5,868.9	9.170225323
80.02	Lower Waiiau**	2,837	1.26	2,256.4	0.49	5,844.1	9.131468306
71	Nimitz Elementary School**	2,713	1.24	2,182.8	0.48	5,653.3	8.833357207
75.03	Halawa Heights	5,160	2.41	2,144.9	0.93	5,555.2	8.679970491
29	East Manoa	2,415	1.18	2,054.5	0.45	5,321.2	8.314347393
89.15	Waipio Acres	5,236	2.60	2,017.6	1.00	5,225.5	8.164907499
48	Kamehameha Heights	6,707	3.49	1,921.5	1.35	4,976.7	7.776161741
33	Makiki Heights	1,132	0.60	1,900.4	0.23	4,922.0	7.690594887
95.03	Foote Avenue	3,403	1.81	1,881.6	0.70	4,873.4	7.61464125
80.01	Hale Mohalu Hospital**	2,005	1.09	1,832.8	0.42	4,746.9	7.416960198

112.01	Kalaheo Avenue	4,380	2.45	1,786.4	0.95	4,626.7	7.229184552
17	Kapiolani Park	2,437	1.38	1,767.0	0.53	4,576.4	7.150601816
1.11*	Lunalilo Park Subdivision	5,035	2.93	1,718.2	1.13	4,450.2	6.953444305
105.05	Heeia Kea	3,531	2.07	1,706.9	0.80	4,420.9	6.907603935
86.06	Kapolei Golf Course**	9,693	5.95	1,629.9	2.30	4,221.5	6.596063741
28	St. Louis Heights	3,678	2.30	1,595.7	0.89	4,132.9	6.457679292
86.22*	Lower Makakilo	4,068	2.55	1,595.4	0.98	4,132.1	6.45644755
89.22	Waialele	7,479	4.72	1,586.2	1.82	4,108.3	6.419179528
59	Mokaeuea Street**	3,353	2.14	1,566.1	0.83	4,056.1	6.337622216
95.04	Leilehua Avenue	1,271	0.82	1,549.4	0.32	4,012.9	6.27009621
111.06	Keolu**	5,924	3.83	1,547.9	1.48	4,008.9	6.263935026
3.02	Wailupe	2,990	1.95	1,534.1	0.75	3,973.3	6.208350618
68.04	Aliamanu Crater	2,835	1.86	1,522.0	0.72	3,942.0	6.159324085
96.03	Mali	10,289	6.86	1,499.4	2.65	3,883.3	6.067722002
95.07*	Schofield: McCarthy Field	2,560	1.76	1,458.4	0.68	3,777.2	5.90182194
105.03	Kaneohe District Park**	1,980	1.38	1,435.1	0.53	3,717.0	5.807743567
70	Navy Marine Golf Course**	4,041	2.87	1,405.7	1.11	3,640.7	5.688573492
73.02*	Hangar Avenue-Vickers Avenue	3,866	2.79	1,383.3	1.08	3,582.6	5.597818235
44	Pauoa	5,165	3.74	1,381.3	1.44	3,577.6	5.590003504
78.09	Newtown	3,377	2.46	1,371.6	0.95	3,552.4	5.550641142
4.02	Waialele Iki	3,999	2.98	1,341.2	1.15	3,473.6	5.427520216
5	Waialele-Kahala	3,807	2.90	1,311.8	1.12	3,397.5	5.308571323
111.03	Olomana	3,796	2.91	1,306.3	1.12	3,383.2	5.286214541
1.14*	Portlock	1,594	1.23	1,295.8	0.47	3,356.2	5.244002041
103.05	Ahuimanu**	5,063	4.01	1,263.5	1.55	3,272.5	5.113209342
97.03*	Lualualei-Camp Waianae	6,227	5.00	1,244.6	1.93	3,223.5	5.036737306
84.10*	Coral Creek Golf Course	2,346	1.89	1,242.8	0.73	3,218.9	5.029475568
115*	Kapolei	5,493	4.48	1,225.1	1.73	3,173.1	4.957906002
89.08	Mililani Marketplace	5,837	4.80	1,215.1	1.85	3,147.1	4.917370713
112.02	Lanikai	1,609	1.33	1,211.0	0.51	3,136.4	4.900554831
107.01	Kokokahi	3,661	3.10	1,179.8	1.20	3,055.6	4.774426101
84.08*	Hoakalei Country Club	4,728	4.02	1,176.8	1.55	3,048.0	4.762473258
86.12*	Upper Makakilo	6,017	5.15	1,168.6	1.99	3,026.6	4.729017633
108.02	Mokapu East	6,548	5.76	1,137.7	2.22	2,946.6	4.604116008
1.07	Kuapa Isle**	2,818	2.78	1,013.8	1.07	2,625.6	4.102541924
19.01	Waikiki Beach	837	0.85	984.4	0.33	2,549.6	3.983819564
1.06	Hahaione-Mariners Ridge**	7,704	7.90	975.1	3.05	2,525.6	3.946221956
109.01	Kalaheo Hillside**	3,140	3.24	970.4	1.25	2,513.3	3.927108215
99.02	Haleiwa	3,740	3.91	955.5	1.51	2,474.8	3.866822574
107.02	Mokulele Drive**	3,666	4.15	884.1	1.60	2,289.9	3.578018683
89.20	Waipio Gentry**	4,296	4.92	873.3	1.90	2,262.0	3.534305449
31.02	Upper Manoa	3,335	3.89	856.4	1.50	2,218.0	3.46560783
77.02	Aiea Heights**	5,098	6.22	819.3	2.40	2,121.9	3.315391098
86.09	Ko Olina-Honokai Hale**	2,066	2.74	754.5	1.06	1,954.1	3.053279718
89.26*	Lualani Valley-Mililani Technology P	1,572	2.29	685.7	0.89	1,776.0	2.775022247
31.01	Woodlawn	3,687	5.38	684.8	2.08	1,773.5	2.771139308
45	Dowsett Highlands**	5,145	7.73	665.4	2.99	1,723.3	2.692680349
39	Civic Center**	655	1.00	653.6	0.39	1,692.8	2.645014642
1.10	Kalama Valley	4,288	6.62	647.7	2.56	1,677.5	2.621080667
Oahu		953,207	1,547.88	615.8	597.64	1,594.9	2.49210512
9400.01*	Waimanalo Beach-Homesteads	4,551	7.76	586.4	3.00	1,518.6	2.37288818
2	Kuliouou	5,742	10.04	572.0	3.88	1,481.5	2.314813198
74	Ford Island**	3,981	7.23	550.3	2.79	1,425.2	2.226864904
46	Puunui-Waokanaka Street**	3,735	6.82	547.9	2.63	1,419.1	2.217348131
57	Iwilei-Anuenue	2,148	4.00	537.5	1.54	1,392.0	2.175051382
108.01	Mokapu West	2,969	5.68	522.8	2.19	1,354.0	2.115598458
97.04*	Lualualei: Halona Road	3,066	5.88	521.0	2.27	1,349.4	2.10844609
114*	Waipio Peninsula	5,372	10.34	519.5	3.99	1,345.6	2.102525063
80.05	Pacific Palisades	6,864	13.24	518.5	5.11	1,343.0	2.098397852
86.10	Ko Olina Resort**	1,051	2.15	488.0	0.83	1,264.0	1.974960783
103.06	Haiku**	6,369	13.29	479.2	5.13	1,241.1	1.939274162
65	Upper Kalihi Valley	4,541	9.69	468.5	3.74	1,213.5	1.896047629
4.01	Waialele Nui Ridge-Ainakoa**	2,893	6.18	468.0	2.39	1,212.1	1.893855176
9400.02*	Nanakuli	7,400	17.67	418.8	6.82	1,084.6	1.694640502
78.11*	Pearl Country Club	4,990	11.93	418.3	4.61	1,083.4	1.692788531
6	Diamond Head	1,218	3.09	394.2	1.19	1,021.0	1.595241373
3.01	Aina Haina-Hawaii Loa Ridge	3,307	8.45	391.3	3.26	1,013.5	1.583615448
103.08*	Kapunahala	3,319	8.53	388.9	3.30	1,007.2	1.573715554
10	Upper Palolo	3,096	8.41	368.1	3.25	953.5	1.489850066
113*	Waimanalo	5,451	15.15	359.9	5.85	932.1	1.456343069

97.01	Waianae Kai	6,635	19.84	334.4	7.66	866.1	1.353305505
89.24*	Royal Kunia	7,623	23.07	330.4	8.91	855.7	1.337039343
83.01	Iroquois Point	4,661	14.92	312.4	5.76	809.0	1.264057551
67.01	Tripler-Moanalua**	5,830	19.75	295.2	7.63	764.6	1.194615723
90	Wheeler-East Range	1,634	5.99	272.7	2.31	706.2	1.103505972
78.10	Royal Summit	5,450	21.42	254.4	8.27	658.8	1.02943383
102.02	Laie	7,643	33.34	229.2	12.87	593.8	0.927737354
110	Maunawili**	4,151	25.08	165.5	9.68	428.7	0.6698129
91	Kaukonahua Road**	5,332	32.96	161.8	12.73	419.0	0.654614948
32	Round Top-Tantalus	833	5.46	152.6	2.11	395.1	0.617390179
96.08*	Lualualei Transmitter	5,682	45.56	124.7	17.59	323.0	0.504709997
103.03	Kahaluu-Waikane**	4,766	41.67	114.4	16.09	296.3	0.4629043
86.14*	Kunia West	8,232	75.45	109.1	29.13	282.6	0.441559344
85.02*	Kalaeloa	2,136	19.78	108.0	7.64	279.8	0.437114928
101	Waimea-Kahuku	7,881	78.24	100.7	30.21	260.9	0.407658006
102.01	Hauula-Kaaawa	5,882	66.23	88.8	25.57	230.0	0.35940461
9802*	Honolulu International Airport	704	9.02	78.0	3.48	202.1	0.315788162
66	Kahauiki Street**	374	4.97	75.3	1.92	195.0	0.304631029
75.02	Halawa Valley**	1,376	20.10	68.4	7.76	177.3	0.276993234
99.04*	Kaena Point	5,986	90.99	65.8	35.13	170.4	0.266222446
9814*	Nimitz-Airport Commercial	97	1.59	61.1	0.61	158.3	0.247400891
98.01	Makua Valley**	2,834	54.39	52.1	21.00	135.0	0.210865135
89.31*	Waiawa Prison	3,310	71.98	46.0	27.79	119.1	0.1861007
73.03*	Hickam Air Force Base	341	7.84	43.5	3.03	112.7	0.176050632
100	Kawailoa**	3,320	189.88	17.5	73.31	45.3	0.070758201
9813*	Mapunapuna Industrial	8	1.13	7.1	0.44	18.4	0.0287266
86.11*	Kahe	84	12.95	6.5	5.00	16.8	0.026245924
9810*	Kawainui Marsh	13	3.53	3.7	1.36	9.5	0.014895626
9811*	Bellows Air Force Base	19	5.97	3.2	2.31	8.2	0.012871538
9800*	Hanauma Bay	5	4.99	1.0	1.93	2.6	0.004055043
9808*	Hoomaluhia Botanical Garden	1	1.94	0.5	0.75	1.3	0.002086344
9803*	Campbell Industrial Park	-	5.80	-	2.24	-	0
9806*	Schofield Forest Reserve	-	30.23	-	11.67	-	0
9807*	Schofield Barracks East Range	-	20.50	-	7.91	-	0
Island and 2010 census tract	Name	Resident popu- lation	Land area (in sq. kilometers)	Density, per square kilometer (X)	Land area (in sq. miles) 1/	Density, per square mile (X)	
9900.01*	Shoreline Water Tract	-	-		-		

Alternatives Screening Memo Honolulu High-Capacity Transit Corridor Project

October 24, 2006

Prepared for:
City and County of Honolulu

Prepared by:
Parsons Brinckerhoff

APPENDIX A
Employment Statistics

Corridor Population and

Honolulu High-Capacity Transit Alternatives Alignment Population and Employment Data by Corridor Section

Section 1: Kapolei to Fort Weaver Road						
Alignment Option	Population w/in ¼-mile		Employment w/in ¼-mile	Length of Alignment (miles)	Population per mile	Jobs per mile
	2000	2030				
1.1 Kapolei Parkway to Wākea Street to H-1 Freeway (at-grade or elevated)	1,290	15,478	7,360	4.9	3,168	1,506
1.2 Kapolei Parkway to Kamokila Boulevard to Farrington Highway (partially at-grade or elevated)	2,992	23,950	9,412	4.9	4,898	1,925
1.3 Kapolei Parkway to Fort Barrette Road to Farrington Highway (partially at-grade or elevated)	4,043	30,638	8,995	5.6	5,494	1,613
1.4 Kapolei Parkway to North-South Road to Farrington Highway (at-grade or elevated)	2,057	27,399	3,420	6.1	4,484	560
1.5 Kapolei Parkway to Wākea Street extension to the O'ahu Rail & Land (OR&L) railroad right-of-way, or use of Renton Road to Fort Weaver Road (at-grade)	11,726	19,555	5,396	6.0	3,250	897
1.6 Kapolei Parkway to Wākea Street extension to Saratoga Avenue to extensions of Saratoga Avenue and North-South Road (at-grade or elevated)	14,140	18,792	4,551	6.9	2,727	660
1.7 Kapolei Parkway to Wākea Street extension to Saratoga Avenue to extension of Saratoga Avenue to Geiger Road to Fort Weaver Road.	8,099	23,096	3,985	6.4	3,587	619
Post Scoping: 'Ewa Extension: Fort Weaver Road between Pāpipi Drive and Farrington Highway	13,514	17,009	4,672	4.4	3,866	1,061

Honolulu High-Capacity Transit Alternatives Alignment Population and Employment Data by Corridor Section

Section 2: Fort Weaver Road to Leeward Community College						
Alignment Option	Population w/in ¼-mile		Employment w/in ¼-mile	Length of Alignment (miles)	Population per mile	Jobs per mile
	2000	2030	2030	2030	2030	2030
2.1 H-1 Freeway to Kamehameha Highway (at-grade or elevated)	15,674	15,742	3,864	3.4	4,692	1,152
2.2 Farrington Highway (elevated)	16,380	18,174	7,073	2.6	6,876	2,676
2.3 Fort Weaver Road to Farrington Highway (partially at-grade or elevated)	16,380	18,174	7,073	2.6	6,876	2,676
2.4 OR&L Right-of-way (at-grade)	11,841	12,450	4,419	4.6	2,717	964

Honolulu High-Capacity Transit Alternatives Alignment Population and Employment Data by Corridor Section

Section 3: Leeward Community College to Aloha Stadium						
Alignment Option	Population w/in ¼-mile		Employment w/in ¼-mile	Length of Alignment	Population per mile	Jobs per mile
	2000	2030	2030	2030	2030	2030
3.1 H-1 Freeway (elevated)	16,466	18,183	8,467	4.7	3,867	1,801
3.2 Moanalua Road (elevated)	17,682	19,355	13,441	4.8	4,067	2,824
3.3 Kamehameha Highway (elevated)	9,511	10,038	13,219	3.8	2,614	3,443
3.4 OR&L Right-of-way (at-grade)	7,260	7,227	9,089	3.8	1,883	2,368

Honolulu High-Capacity Transit Alternatives Alignment Population and Employment Data by Corridor Section

Section 4: Aloha Stadium to Ke'ehi Interchange						
Alignment Option	Population w/in ¼- mile		Employment w/in ¼-mile	Length of Alignment	Population per mile	Jobs per mile
	2000	2030	2030	2030	2030	2030
4.1 Moanalua Freeway (at-grade or elevated)	6,523	6,295	4,828	4.0	1,569	1,203
4.2 Salt Lake Boulevard (at-grade or elevated)	9,929	11,240	13,839	5.0	2,256	2,778
4.3 H-1 Freeway to Kamehameha Highway (at-grade or elevated)	6,367	6,625	17,981	5.4	1,225	3,326
4.4 H-1 Freeway to Kamehameha Highway, with an alignment closer to the Airport using Aolele Street (elevated)	6,367	6,625	17,981	5.4	1,225	3,326
4.5 Kamehameha Highway to Nimitz Highway in median area (at-grade)	7,766	7,870	17,495	5.2	1,520	3,378
4.6 Kamehameha Highway on makai side of the Airport Viaduct (elevated)	7,766	7,870	17,495	5.2	1,520	3,378
4.7 Kamehameha Highway to mauka side of the Airport Viaduct, then Mauka on Camp Catlin Road, Pūkōloa Street, to Moanalua Freeway (elevated)	10,684	12,446	16,200	5.9	2,094	2,726
4.8 Kamehameha Highway to mauka side of the Airport Viaduct, then Peltier, Moanalua School, Pūkōloa Street, to Moanalua Freeway (elevated)	10,684	12,446	16,200	5.9	2,094	2,726
4.9 Kamehameha Highway to mauka side of the Airport Viaduct, then Ahua Street to Moanalua Freeway (elevated)	8,405	10,015	24,366	6.0	1,672	4,068
4.10 Kamehameha Highway to mauka side of the Airport Viaduct to Ke'ehi Interchange (elevated)	7,766	7,870	17,495	5.2	1,520	3,378
4.11 Kamehameha Highway to makai side of the Airport Viaduct with an alignment closer to the airport using Aolele Street (elevated)	6,367	6,625	17,981	5.4	1,225	3,326

rail populations segments	Parsons		2006 study			
		Alternatives	Screening	Memo		
	1	1200 Kapolei to	H-1	Kapolei		
	2	16000 Ft Weaver	Rd to LCC	Waipahu		
	3	9500 LCC to	Stadium	Kam Hwy	Pearl City	Aiea
	4	6000 Stadium	Keehi	Stadium to	Moanalua	
	5	14000	Moanalua	to Iwilei		
s/t		46700				